

From: "Cline, Sue" <sue.cline@salina.org>
To: "Jim Newins" <JGNewins@ksinsurance.org>
Date: 3/3/2010 5:33 PM
Subject: RE: Salina, KS ordinance update - Fire, Explosion, Windstorm
Attachments: 04-10208 Buildings (Read-Only).pdf

Attached is the ordinance in its entirety - Article IV, Page 33 is the section you need.

*Best,
This is okay
JN*

Thank-you,
Sue Cline

Development Services Supervisor
City of Salina
300 W. Ash, Room 201
sue.cline@salina.org
785-309-5715

-----Original Message-----

From: Jim Newins [mailto:JGNewins@ksinsurance.org]
Sent: Wednesday, March 03, 2010 4:47 PM
To: Cline, Sue
Subject: RE: Salina, KS ordinance update - Fire, Explosion, Windstorm

Ms.Cline:

Should there be at least another page to this set of ordinances? I ask this question because Sec.8-224 ends on the page you provided in mid sentence.

I appreciate your assistance.

Sincerely,

Jim Newins
Property and Casualty Policy Examiner
Telephone: 785-296-3071
Fax: 785-291-3673

>>> "Cline, Sue" <sue.cline@salina.org> 3/3/2010 4:41 PM >>>
The current ordinance is attached. Thank you for your assistance.

Thank-you,
Sue Cline

Development Services Supervisor
City of Salina
300 W. Ash, Room 201
sue.cline@salina.org
785-309-5715

-----Original Message-----

From: Jim Newins [mailto:JGNewins@ksinsurance.org]
Sent: Wednesday, March 03, 2010 9:28 AM

To: Cline, Sue
Subject: Salina, KS ordinance update - Fire, Explosion, Windstorm

Dear Ms. Cline:

Thank you for your email dated February 24, 2010, regarding the captioned.

The email address you used in your previous correspondence is principally for consumer complaints or inquiries and was handled as such in our Consumer Assistance Division.. If you will send the revised ordinances to my attention, I will review them, and if they are acceptable, request that the website be updated. You can send them to me by email or through the mail service. Our address is Kansas Insurance Department, 420 S.W. 9th Street, Topeka, KS 66612.

I hope that we have adequately answered your questions. If you have any additional questions or comments, please call me or send me an email.

Sincerely,

Jim Newins
Property and Casualty Policy Examiner
Telephone: 785-296-3071
Fax: 785-291-3673

ORDINANCE NUMBER 04-10208

AN ORDINANCE AMENDING CHAPTER 8, ARTICLES I THROUGH IX OF THE SALINA CODE PERTAINING TO BUILDINGS AND APPURTENANCES AND REPEALING THE EXISTING SECTIONS IN CHAPTER 8, ARTICLES I THROUGH IX.

BE IT ORDAINED by the Governing Body of Salina, Kansas:

Section 1. That Chapter 8, Articles I through IX of the Salina Code are hereby amended to read as follows:

"CHAPTER 8. BUILDINGS AND APPURTENANCES

ARTICLE I. ADOPTION OF CODES

Division 1. Adoption of Building Code with Amendments

Sec. 8-1. International Building Code adopted.

There is hereby adopted, by reference, by the city for the purpose of providing minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, quality of materials, location, operation, alteration, repair, maintenance, use and occupancy of all buildings and structures within the city and certain equipment specifically regulated therein, that certain building code known as the International Building Code, promulgated and published by the International Code Council, being particularly the 2003 edition including Appendix H *but* not including any other appendices thereto and except as further amended in this article of the Salina Code not fewer than three (3) copies have been, and are now filed in the office of the city clerk and the same are hereby incorporated as fully as if set out at length herein and the provisions thereof shall be controlling in the construction of all buildings and structures therein contained within the corporate limits of the city.

State law references: Authority to incorporate standard codes by reference, K.S.A. 12-3009 et seq.

Sec. 8-2. Amendment to Section 101.2 of the International Building Code.

[Section 101.2 and all of its subsections of the International Building Code are hereby amended to read as follows:]

101.2 Scope. The provisions of this code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure, or any appurtenances connected or attached to such buildings or structures.

Exceptions:

1. Detached one- and two-family dwellings and multiple single-family dwellings (town houses) not more than three stories above grade plane in height with a separate means of egress and their accessory structures shall comply with the *International Residential Code*.

Exception 2 is hereby deleted.

101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

Sec. 8-3. Amendment of Section 101.4 of the International Building Code.

[Section 104.1 and all of its subsections of the International Building Code are hereby amended to read as follows:]

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.7 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference.

101.4.1 Electrical. Each reference to the International Electric Code shall mean the National Electric Code.

101.4.2 Gas. Each reference to the International Fuel Gas Code shall mean the Uniform Plumbing Code.

101.4.3 Mechanical. Each reference to the International Mechanical Code shall mean the Uniform Mechanical Code.

101.4.4 Plumbing. Each reference to the International Plumbing Code shall mean the Uniform Plumbing Code. Each reference to the International Private Sewage Disposal Code shall mean the Uniform Plumbing Code.

101.4.5 Deleted

101.4.6 *Fire prevention.* The provisions of the *International Fire Code* shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

101.4.7 Deleted

Sec. 8-4. Amendment of Section 102.6 of the International Building Code.

[Section 102.6 of the International Building Code is hereby amended to read as follows:]

102.6 *Existing structures.* The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, *Chapter 18 of the Salina Municipal Code* or the *International Fire Code*, or as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.

Sec. 8-5. Amendment of Section 103.1 of the International Building Code.

[Section 103.1 of the International Building Code is hereby amended to read as follows:]

103.1 *Designation of enforcement agency.* The Department of Development Services Division of Building Services is hereby designated as the enforcement agency of this code and the official in charge thereof shall be known as the Building Official.

Sec. 8-6. Amendment of Section 103.3 of the International Building Code.

[Section 103.3 of the International Building Code is hereby amended to read as follows:]

103.3 *Deputies.* In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the building official shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the building official.

Sec. 8-7. Amendment of Section 105.1 of the International Building Code.

[Section 105.1 and all of its subsections of the International Building Code are hereby amended to read as follows:]

105.1 *Required.* Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure which is regulated by this code, or to cause any such work to be done, shall first make application to the building official and obtain the required permit.

105.1.1 Deleted

105.1.2 Deleted

Sec. 8-8. Amendment of Section 105.2 of the International Building Code.

[Section 105.2 of the International Building Code is hereby amended to read as follows:]

105.2 *Work exempt from permit.* Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

- *Building:*
 1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11.15 m²).
 2. Fences not over 6 feet (1829 mm) high.
 3. Oil derricks.
 4. Retaining walls which are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids.
 5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18 925 L) and the ratio of height to diameter or width does not exceed 2 to 1.
 6. Sidewalks and driveways, platforms and uncovered decks not more than 30 inches (762 mm) above grade and not over any basement or story below.

7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work..
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated swimming pools accessory to a Group R-3 occupancy, as applicable in Section 101.2, which are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18 925 L) and are installed entirely above ground.
10. Shade cloth structures constructed for nursery or agricultural purposes and not including service systems.
11. Swings and other playground equipment accessory to detached one- and two-family dwellings.
12. Window awnings supported by an exterior wall which do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support of Group R-3, as applicable in Section 101.2, and Group U occupancies.
13. Movable cases, counters and partitions not over 5 feet 9 inches (1753 mm) in height.
14. Roof coverings not involving structural components.
15. Installation of replacement windows not requiring wall or structural changes, however the lack of a requirement for a permit does not allow the installation of windows smaller than required for light, ventilation or egress.
16. Installation of exterior siding.

Sec. 8-9. Amendment of Section 108.2 of the International Building Code.

[Section 108.2 of the International Building Code is hereby amended to read as follows:]

108.2 Schedule of permit fees. On buildings, structures, electrical, gas, mechanical, and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority. The fee for each permit shall be as set forth in the fee schedule adopted pursuant to section 2-2 of the Salina Code of Ordinances.

Sec. 8-10. Amendment of Section 108.3 of the International Building Code.

[Section 108.3 of the International Building Code is hereby amended to read as follows:]

108.3 Building permit valuations. The applicant for a permit for alterations or renovations shall provide an estimated permit value at time of application. Permit valuations shall include total value of work, including materials and labor, for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the building official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the building official. Final building permit valuation shall be set by the building official.

- *Additional fees will not be charged for electrical, plumbing, mechanical and concrete permits issued in conjunction with a building permit.*
- *Additional plan review fees will not be charged.*
- *All fees owed will be rounded down to the nearest dollar.*

Sec. 8-11. Amendment of Section 109.3.7 of the International Building Code.

Section 109.3.7 of the International Building Code is hereby deleted in its entirety

Sec. 8-12. Amendment of Section 112 of the International Building Code.

[Section 112 and all of its subsections of the International Building Code are hereby amended to read as follows:]

112.1 General. *The Building Advisory Board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. See Article II, Chapter 8 of Salina Municipal Code*

112.2 Limitations on authority. *Deleted*

112.3 Qualifications. *Deleted*

Sec. 8-13. Amendment of Chapter 11 of the International Building Code.

[The entire text of Chapter 11 of the International Building Code is hereby deleted and amended to read as follows:]

Buildings or portions of buildings shall be accessible to persons with disabilities as required by the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and K.S.A. 58-1304.

Sec. 8-14. Amendment of Section 1203.1 of the International Building Code.

[Section 1203.1 of the International Building Code is hereby amended to read as follows:]

1203.1 General. Buildings shall be provided with natural ventilation in accordance with Section 1202.4, or mechanical ventilation in accordance with Division I of Appendix Chapter 12 of the 1997 Uniform Building Code as published by the International Conference of Building Officials, which is hereby adopted by reference.

1203.1.1 Alternate Ventilation. ASHRAE 62-2001, Ventilation for Acceptable Indoor Air Quality, is a recognized standard for mechanical ventilation design.

Sec. 8-15. Chapter 13 of the International Building Code.

Chapter 13 is hereby deleted in its entirety.

Sec. 8-16. Amendment of Section 1805.2 of the International Building Code.

[Section 1805.2 of the International Building Code is hereby amended to read as follows:]

1805.2 Depth of footings. The minimum depth of footings below the undisturbed ground surface shall be 12 inches (305 mm) unless designed and approved by a licensed structural or civil engineer or by administrative interpretation. Where applicable, the depth of footings shall also conform to Sections 1805.2.1 through 1805.2.3.

Exception: A one-story wood or metal frame building not used for human occupancy and not over 200 square feet may be constructed with walls supported on wood foundation plates laid directly on the ground when approved by the building official.

Sec. 8-17. Amendment of Section 3109.4 of the International Building Code.

[Section 3109.4 and all of its subsections of the International Building Code is hereby deleted in its entirety and is hereby amended to read as follows:]

3109.4 Residential swimming pools. Residential swimming pools shall comply with Appendix G of the 2003 International Residential Code.

Sec. 8-18. Amendment of Section 3303.4 of the International Building Code.

[Section 3303.4 of the International Building Code is hereby amended to read as follows:]

3303.4 Vacant lot. Where a structure has been demolished or removed, the following conditions shall be met:

1. The premises left vacant by removal or demolition shall be cleared of all trash, debris, junk and discarded building material;
2. All foundations and slab floors shall be removed to at least one foot below ground level, unless another building or other structure is to be re-erected immediately upon the foundation as specified in the application for the permit;
3. All open wells, cisterns, cellars, basements or other excavations remaining on said lot shall be filled and compacted to prevent the accumulation of water, unless the same are to be used immediately with another structure to be erected thereon.

Sec. 8-19. Amendment of Section 3409 of the International Building Code.

[Section 3409 of the International Building Code is hereby amended to read as follows:]

Buildings or portions of buildings shall be accessible to persons with disabilities as required by the Americans with Disabilities Act Accessibility Guidelines (ADAAG).

Sec. 8-20. Amendment of Section H101.2 of the International Building Code.

[Section H101.2 of the International Building Code is hereby amended to read as follows:]

H101.2 Signs permits. Permits for signs shall be as required by Article VI, Chapter 8 of the Salina Municipal Code of Ordinances.

Sec. 8-21. Amendment of Section H105.2 of the International Building Code.

[Section H105.2 of the International Building Code is hereby amended to read as follows:]

H105.2 Permits, drawings and specifications. Where a permit is required, as provided in Article VI, Chapter 8 of the Salina Municipal Code of Ordinances, construction documents shall be required. These documents shall show the dimensions, material and required details of construction, including loads, stresses and anchors.

Secs. 8-22 – 8-30. Reserved.

DIVISION 2. Adoption of Residential Building Code with Amendments

Sec. 8-31. International Residential Code adopted.

There is hereby adopted, by reference, by the city for the purpose of providing minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, quality of materials, location, operation, alteration, repair, maintenance, use and occupancy of all buildings and structures within the city and certain equipment specifically regulated therein, that certain building code known as the International Residential Code, recommended and published by the International Code Council for One- and Two-Family Dwellings, being particularly the 2003 edition including Appendix G, but not including any other appendices thereto, except as amended in this article of the Salina Code, of which not fewer than three (3) copies have been, and are now filed in the office of the city clerk and the same are hereby incorporated as fully as if set out at length herein and the provisions thereof shall be controlling in the construction of all buildings and structures therein contained within the corporate limits of the city.

State law references: Authority to incorporate standard codes by reference, K.S.A. 12-3009 et seq.

Sec. 8-32. Amendment of Section R101.2 of the International Residential Code.

[Section R101.2 of the International Residential Code is hereby amended to read as follows:]

R101.2 Scope. The provisions of the *International Residential Code for One- and Two-Family Dwellings* shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories in height with a separate means of egress and their accessory structures.

Exception: The demolition of these structures shall be governed by Chapter 33 of the International Building Code.

Sec. 8-33. Amendment of Section R101.7 of the International Residential Code.

[Section R101.7 of the International Residential Code is hereby amended to read as follows:]

R101.7 Existing structures. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code. Chapter 18 of the Salina Municipal Code or the *International Fire Code*, or as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.

Sec. 8-34. Amendment of Section R105.1 of the International Residential Code.

[Section R105.1 of the International Residential Code is hereby amended to read as follows:]

R105.1 Required. Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to cause any such work to be done, shall first make application to the building official and obtain the required permit.

Sec. 8-35. Amendment of Section R105.2 of the International Residential Code.

[Section R105.2 of the International Residential Code is hereby amended to read as follows:]

R105.2 Work exempt from permit. Permits shall not be required for the following. Exemption from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction.

Building:

1. One-story detached accessory structures, provided the floor area does not exceed 120 square feet (18.58 m²).
2. Fences not over 6 feet (1829 mm) high.
3. Retaining walls that are not over 4 feet (1219 mm) 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 (18927 L) and the ratio of height to diameter or width does not exceed 2 to 1.

- 5. Sidewalks and driveways, platforms and decks not more than 30 inches (762 mm) above adjacent grade and not over any basement or story below.
- 6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
- 7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
- 8. Swings and other playground equipment accessory to a one or two-family dwelling.
- 9. Window awnings supported by an exterior wall which do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.

Sec. 8-36. Amendment of Section R105.2.1 of the International Residential Code.

Section R105.2.1 of the International Residential Code is hereby deleted in its entirety

Sec. 8-37. Amendment of Section R105.3 of the International Residential Code.

[Section R105.3 of the International Residential Code is hereby amended to read as follows:]

R105.3 Application for permit. To obtain a permit, the applicant shall first file an application therefor in writing on a form furnished by the department of building safety for that purpose.

Such application shall:

- 1. Identify and describe the work to be covered by the permit for which application is made.
- 2. Describe the land on which the proposed work is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building or work.
- 3. Indicate the use and occupancy for which the proposed work is intended.
- 4. Be accompanied by construction documents and other information as required in Section R106.1.
- 5. State the valuation of the proposed work when the application is for an alterations or renovation.
- 6. Be signed by the applicant, or the applicant's authorized agent.
- 7. Give such other data and information as required by the building official.

Sec. 8-38. Amendment of Section R106.3.1 of the International Residential Code.

[Section R106.3.1 of the International Residential Code is hereby amended to read as follows:]

R106.3.1 Approval of construction documents. When the building official issues a permit, the construction documents shall be approved in writing or by stamp. One set of construction documents so reviewed shall be retained by the building official.

Sec. 8-39. Amendment of Section R112 of the International Residential Code.

[Section R112 of the International Residential Code is hereby amended to read as follows:]

R112.1 General. The Building Advisory Board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The building official shall be an ex officio member of said board but shall have no vote on any matter before the board. The board of appeals shall be appointed by the governing body and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the building official. *See Article II, Chapter 8 of Satina Municipal Code*

R112.2 Deleted

R112.2.1 Deleted

R112.2.2 Deleted

R112.3 Deleted

R112.4 Deleted

Sec. 8-40. Amendment of Section R303.1 of the International Residential Code.

[Section R303.1 of the International Residential Code is hereby amended to read as follows:]

R303.1 Habitable rooms. All habitable rooms shall be provided with aggregate glazing area of not less than 8 percent of the floor area of such rooms. All habitable rooms, except habitable rooms in basements, shall be provided with natural ventilation. Such ventilation shall be through windows, doors, louvers or other approved openings to the outdoor air. Such openings shall be provided with ready access or shall otherwise be readily controllable by the building occupants. The minimum openable area to the outdoors shall be 4 percent of the floor area being ventilated.

Exceptions:

1. The glazed areas need not be openable where the opening is not required by Section R310 and an approved mechanical ventilation system is provided capable of producing 0.35 air change per hour in the room or a whole-house mechanical ventilation system is installed capable of supplying outdoor ventilation air of 15 cubic feet per minute (cfm) (7.08 L/s) per occupant computed on the basis of two occupants for the first bedroom and one occupant for each additional bedroom.
2. The glazed areas need not be provided in rooms where Exception 1 above is satisfied and artificial light is provided capable of producing an average illumination of 6 footcandles (6.46 lux) over the area of the room at a height of 30 inches (762 mm) above the floor level.

Sec. 8-41. Amendment of Section R303.3 of the International Residential Code.

[Section R303.3 of the International Residential Code is hereby amended to read as follows:]

R303.3 Bathrooms. Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet (0.279 m²), one-half of which must be openable.

Exception: The glazed areas shall not be required where artificial light and a mechanical ventilation system are provided. The minimum ventilation rates shall be 50 cfm (23.6 L/s) for intermittent ventilation or 20 cfm (9.4 L/s) for continuous ventilation. Ventilation air from the space shall be exhausted directly to the outside. Bathroom exhaust air ducts may terminate in an attic that is provided with ventilation conforming to the requirements of Section R806, provided further that such ventilation requirements may not be reduced by the installation of a vapor barrier.

Sec. 8-42. Amendment of Section R309.5 of the International Residential Code.

[Section R309.5 of the International Residential Code is hereby amended to read as follows:]

R309.5 Flood hazard areas. For detached garages located in flood hazard areas as established by Table R301.2(1), garage floors shall be:

1. Elevated to or above the design flood elevation as determined in Section R323; or
2. Located below the design flood elevation provided they are at or above grade on all sides, are used solely for parking, building access, or storage, meet the requirements of Section R323, and are otherwise constructed in accordance with this code.

Sec. 8-43. Amendment of Section R311.4.3 of the International Residential Code.

[Section R311.4.3 of the International Residential Code is hereby amended to read as follows:]

R311.4.3 Landings at doors. There shall be a floor or landing on each side of each exterior door.

Exception: Where a stairway of four or fewer risers or 30 inches or less of elevation change is located on the exterior side of a door, other than the required exit door, a landing is not required for the exterior side of the door.

The floor or landing at the exit door required by Section R311.4.1 shall not be more than 1.5 inches (38 mm) lower than the top of the threshold. The floor or landing at exterior doors other than the exit door required by Section R311.4.1 shall not be required to comply with this requirement but shall have a rise no greater than that permitted in Section R311.5.3.

Exception: The landing at an exterior doorway shall not be more than 73/4 inches (196 mm) below the top of the threshold, provided the door, other than an exterior storm or screen door does not swing over the landing. The width of each landing shall not be less than the door served. Every landing shall have a minimum dimension of 36 inches (914 mm) measured in the direction of travel.

Sec. 8-44. Amendment of Section R311.5.3 of the International Residential Code.

[Section R311.5.3 of the International Residential Code is hereby amended to read as follows:]

R311.5.3 Stair treads and risers.

R311.5.3.1 Riser height. The maximum riser height shall be 8 inches (196 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R311.5.3.2 Tread depth. The minimum tread depth shall be 9 inches (254 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 9 inches (254 mm) measured as above at a point 12 inches (305) mm from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12-inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm).

Sec. 8-45. Amendment of Section R311.5.6.3 of the International Residential Code.

[Section R311.5.6.3 of the International Residential Code is hereby amended to read as follows:]

R311.5.6.3 Handrail grip size. All required handrails shall be of one of the following types or provide equivalent graspability.

1. Type I. Handrails with a circular cross section shall have an outside diameter of at least 1 1/4 inches (32 mm) and not greater than 2 inches (51 mm). If the handrail is not circular it shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6 1/4 inches (160 mm) with a maximum cross section of dimension of 2 1/4 inches (57 mm).
2. Type II. Handrails with a perimeter greater than 6 1/4 inches (160mm) shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 3/4 inch (19 mm) measured vertically from the tallest portion of the profile and achieve a depth of at least 5/16 inch (8mm) within 7/8 inch (22mm) below the widest portion of the profile. This required depth shall continue for at least 3/8 inch (10mm) to a level that is not less than 1 3/4 inches (45 mm) below the tallest portion of the profile. The minimum width of the handrail above the recess shall be 1 1/4 inches (32 mm) to a maximum of 2 3/4 inches (70 mm). Edges shall have a minimum radius of 0.01 inches (0.25 mm).

Exception: Handrails for exterior stairs of 4 risers or less need not be provided with finger recesses.

Sec. 8-46. Amendment of Section R317.2.2 of the International Residential Code.

[Section R317.2.2 of the International Residential Code is hereby amended to read as follows:]

R317.2.2 Parapets. Parapets shall not be required for townhouses as an extension of common walls. Where roof surfaces adjacent to the wall or walls are at different elevations and the higher roof is more than 30 inches (762 mm) above the lower roof. The common wall construction from the lower roof to the underside of the higher roof deck shall not have less than a 1-hour fire-resistive rating. The wall shall be rated for exposure from both sides.

Sec. 8-47. Amendment of Section R318.1 of the International Residential Code.

Section R318.1 of the International Residential Code is hereby deleted in its entirety.

Sec. 8-48. Amendment of Section R323 of the International Residential Code.

Section R323 *Flood-resistant Construction* and all of its subsections are hereby deleted in their entirety.

Sec. 8-49. Amendment of Section R401.3 of the International Residential Code.

[Section R401.3 of the International Residential Code is hereby amended to read as follows:]

R401.3 Drainage. Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection so as to not create a hazard. Lots shall be graded so as to drain surface water away from foundation walls. The grade away from foundation walls shall fall a minimum of 2% within the first 10 feet (3048 mm).

Exception: Where lot lines, walls, slopes or other physical barriers prohibit 2% of fall within 10 feet (3048 mm), drains or swales shall be provided to ensure drainage away from the structure.

Sec. 8-50. Amendment of Section R403.1 of the International Residential Code.

[Section R403.1 of the International Residential Code is hereby amended to read as follows:]

R403.1 General. All exterior walls shall be supported on continuous solid or fully grouted masonry or concrete footings, wood foundations, or other approved structural systems which shall be of sufficient design to accommodate all loads according to Section R301 and to transmit the resulting loads to the soil within the limitations as determined from the character of the soil. Footings shall be supported on undisturbed natural soils or engineered fill.

Exception: A one-story wood or metal frame building not used for human occupancy and not over 200 square feet may be constructed with walls supported on wood foundation plates laid directly on the ground when approved by the building official.

Sec. 8-51. Amendment of Section R404.1 of the International Residential Code.

[Section R404.1 of the International Residential Code is hereby amended to read as follows:]

R404.1 Concrete and masonry foundation walls. Concrete and masonry foundation walls shall be selected and constructed in accordance with the provisions of this section or in accordance with ACI 318, NCMA TR68-A or ACI 530/ASCE 5/TMS 402 or other approved structural standards. When ACI 318 or ACI 530/ASCE 5/TMS402 or the provisions of this section are used to design concrete or masonry foundation walls, project drawings, typical details and specifications are not required to bear the seal of the architect or engineer responsible for design, unless otherwise required by the state law of the jurisdiction having authority. All 8" and 10" thick walls supporting more than 4', but not more than 8' of unbalanced fill in Group I soils as classified by Table R405.1 shall be reinforced with a single mat of bars spaced a maximum of 24" on center both vertically and horizontally. Reinforcement shall be a minimum size of #4 and a minimum grade of 60.

Sec. 8-52. Amendment of Section R404.1.7 of the International Residential Code.

[Section R404.1.7 of the International Residential Code is hereby amended to read as follows:]

R404.1.7 Backfill placement. Backfill shall not be placed against the wall until one of following conditions has been met:

1. The wall has cured for a minimum of 7 days or,
2. The wall has sufficient strength and has been anchored to the floor above or,
3. The wall has been sufficiently braced to prevent damage by the backfill.

Exception: Bracing is not required for walls supporting less than 4 feet (1219 mm) of unbalanced backfill.

Compaction of backfill shall not be initiated until the wall has been anchored to the floor above or provided with temporary bracing.

Exception: Backfill against contiguous basement walls beneath garage floors may be compacted before the walls have been anchored to the floor above provided that the walls have cured for a minimum of 7 days.

Sec. 8-53. Amendment of Section R405.1 of the International Residential Code.

[Section R405.1 of the International Residential Code is hereby amended to read as follows:]

R405.1 Concrete or masonry foundations. Drains shall be provided around all concrete or masonry foundations that retain earth and enclose habitable or usable spaces located below grade. Drainage tiles, perforated pipe or other approved systems or materials shall be installed either inside or outside of the foundation and shall discharge by gravity or mechanical means into an approved drainage system. The top of open joints of drain tiles shall be protected with strips of building paper, and perforated pipe shall be covered with an approved filter membrane material. When installed outside of the foundation, the drainage tiles or perforated pipe shall be placed on a minimum of 2 inches (51 mm) of washed gravel or crushed rock at least one sieve size larger than the tile joint opening or perforation and covered with not less than 6 inches (153 mm) of the same material. When perforated pipe is installed inside of the foundation, the pipe may be bedded in and covered by course sand in lieu of washed gravel or crushed rock.

Exception: *The pump and discharge piping for a drainage system designed to be discharged by mechanical means is not required when the foundation is installed on well-drained ground or sand-gravel mixture soils according to the Unified Soil Classification System, Group I Soils, as detailed in Table R405.1 unless or until water is found to be infiltrating the system.*

These requirements shall not be deemed to reduce any other more restrictive requirements that may be mandated by subdivision regulation or flood fringe construction.

Sec. 8-54. Amendment of Section R506.2.3 of the International Residential Code.

Section R506.2.3 of the International Residential Code is hereby deleted in its entirety.

Sec. 8-55. Amendment of Chapters 12 through 40 of the International Residential Code.

Chapters 12 through 40 are hereby deleted in their entirety.

Sec. 8-56. Amendment of Section AG105 of Appendix G of the International Residential Code.
[Section AG105 of Appendix G of the International Residential Code is hereby amended to read as follows:]

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following:

1. The top of the barrier for portable, on-ground pools shall be at 42 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The top of the barrier for permanent pools shall be at least 72 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of all barriers shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier may be mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).
2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 2.25-inch (57 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1.75 inches (44 mm).
7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1.75 inches (44 mm).
8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:
 - 8.1. The release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate, and
 - 8.2. The gate and barrier shall have no opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
9. Where a wall of a dwelling serves as part of the barrier for a permanent pool, one of the following conditions shall be met:
 - 9.1. The pool shall be equipped with a powered safety cover in compliance with ASTM F1346; or
 - 9.2. All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are

opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal house-hold activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or 9.3. Other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.

10. Where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:

10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access, or

10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.

Secs. 8-56 – 8-70. Reserved.

DIVISION 3. Adoption of Plumbing Code with Amendments

Sec. 8-71. Uniform Plumbing Code adopted.

There is hereby adopted, by reference, by the city for the purpose of providing minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, quality of materials, location, operation, alteration, repair, maintenance, of plumbing and drainage systems within the city and certain equipment specifically regulated therein, that certain plumbing code known as the Uniform Plumbing Code, recommended and published by the International Association of Plumbing and Mechanical Officials, being particularly the 2003 edition not including appendices thereto, except as amended in this article of the Salina Code, of which not fewer than three (3) copies have been, and are now filed in the office of the city clerk and the same are hereby incorporated as fully as if set out at length herein and the provisions thereof shall be controlling in the construction and maintenance of all buildings and structures therein contained within the corporate limits of the city.

State law references: Authority to incorporate standard codes by reference, K.S.A. 12-3009 et seq.

Sec. 8-72. Appeals.

Appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code shall be heard and decided by *The Building Advisory Board*. See Article II, Chapter 8 of Salina Municipal Code

Sec. 8-73. Amendment of Section 102.1 of the Uniform Plumbing Code.

[Section 102.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

102.1 Authority Having Jurisdiction. The Authority Having Jurisdiction shall be the City of Salina and the building official.

Sec. 8-74. Amendment of Section 103.1.2 of the Uniform Plumbing Code.

[Section 103.1.2 and all of its subsections of the Uniform Plumbing Code are hereby amended to read as follows:]

103.1.2 Exempt Work. A permit shall not be required for the following:

103.1.2.1 The stopping of leaks in drains, soil, waste or vent pipe, provided, however, that should any drainpipe, soil, waste or vent pipe become defective and it becomes necessary to remove and replace more than 48" of the same with new material, the same shall be considered as new work and a permit shall be procured and inspection made as provided in this Code.

103.1.2.2 (1) The clearing of stoppages, including the installation of new exterior cleanouts when required for cleaning and the removal and reinstallation of water closets or:

(2) the repairing of leaks in pipes, valves or fixtures, provided such repairs do not involve or require the rearrangement of valves, pipes, or fixtures.

103.1.2.3 No permit shall be required to replace faucets, dishwashers, garbage disposals, a fixture with a like fixture, gas flex connectors or water heater vent connectors.

Exemption from the permit requirements of this Code shall not be deemed to grant authorization for any work to be done in violation of the provisions of the Code or any other laws or ordinances of this jurisdiction including but not limited to those in Chapter 8 Article III for licensing.

Sec. 8-75. Amendment of Section 103.4.1 of the Uniform Plumbing Code.

[Section 103.4.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

103.4.1 Permit Fees. The fee for each permit shall be as set forth in the fee schedule adopted pursuant to section 2-2 of the Salina Code of Ordinances.

Sec. 8-76. Amendment of Section 103.4.2 of the Uniform Plumbing Code.

[Section 103.4.2 Plan Review Fees is hereby amended to read as follows:]

103.4.2 Plan Review Fees. No fees shall be charged for plan review.

Sec. 8-77. Amendment of Section 316.1.3 of the Uniform Plumbing Code.

[Section 316.1.3 of the Uniform Plumbing Code is hereby amended to read as follows:]

316.1.3 Soldered Joints. Joints in copper tubing shall be made by appropriate use of approved copper or copper alloy fittings. Surfaces to be joined by soldering shall be cleaned bright by manual or mechanical means. The joints shall be properly fluxed with an approved type flux, and made up with approved solder. Flux is not required to be water-soluble for water supply piping. All solder and fluxes shall be manufactured to approved standards. Solders and fluxes with a lead content which exceeds two-tenths (0.20) of one (1) percent are prohibited in piping systems used to convey potable water.

Sec. 8-78. Amendment of Section 317.0 of the Uniform Plumbing Code.

[Section 317.0 of the Uniform Plumbing Code is hereby amended to read as follows:]

317.0 Increases and Reducers. Where different sizes of pipes or pipes and fittings are to be connected, the proper size increasers or reducers or reducing fittings shall be used between the two sizes. Bushings are approved fittings for this purpose in vent piping and as increasers in drainage piping. Brass or cast iron body cleanouts shall not be used as a reducer or adapter from cast iron drainage pipe to iron pipe size (IPS) pipe.

Sec. 8-79. Amendment of Section 412.2 of the Uniform Plumbing Code.

[Section 412.2 of the Uniform Plumbing Code and all of its subsections is hereby amended to read as follows:]

412.2 Location of Floor Drains. Floor drains shall be installed in the following areas:

412.2.1 Toilet rooms containing two (2) or more water closets or a combination of one (1) water closet and one (1) urinal, except in a dwelling unit.

412.2.2 Commercial kitchens.

412.2.3 Laundry rooms in commercial buildings and common laundry facilities in multi-family dwelling buildings.

Sec. 8-80. Amendment of Section 413.0 of the Uniform Plumbing Code.

Section 413.0 Minimum Number of Required Fixtures and all of its subsections are hereby deleted in their entirety.

Sec. 8-81. Amendment of Section 505.1 of the Uniform Plumbing Code.

[Section 505.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

505.1 Prohibited Locations

Water heaters which depend on the combustion of fuel for heat shall not be installed in a room used or designed to be used for sleeping purposes, bathroom, clothes closets or in a closet or other confined space opening into a bath or bedroom.

Exception: Direct vent water heaters. The replacement of fuel burning water heaters that are located in bathrooms or closets accessible from a bathroom shall be permitted provided that the only access to such spaces is not through a bedroom.

Where not prohibited by other regulations, water heaters may be located under a stairway or landing.

Sec. 8-82. Amendment of Section 508.2 of the Uniform Plumbing Code.

[Section 508.2 of the Uniform Plumbing Code is hereby amended to read as follows:]

508.2 Access and Working Space

508.2.1 Every water heater installation shall be accessible for inspection, repair, or replacement. An unobstructed solidly floored working space not less than thirty 30 inches in depth and width and 72 inches high shall be provided immediately in front of and centered at the firebox access opening.

Exception: Such space need not be furnished for water heaters installed above a lay-in ceiling when removable ceiling panels are immediately adjacent to the firebox access opening.

A door opening into such space shall not be considered as an obstruction. The appliance space shall be provided with an opening or doorway of sufficient size to remove the water heater. Such access shall be continuous by means of an opening or door, and solidly floored passageway not less than two 2 feet in width and large enough to permit removal of the water heater, but not less than thirty 30 inches in height. Passageways less than 72" high shall be limited to 20' in length.

508.2.2 A lighting fixture shall be provided at or near water heater locations. The lighting fixture shall be controlled by at least one switch located adjacent to the usual point of entry into the space.

Exception: (1) These requirements shall not apply to the replacement of existing water heaters.
(2) These requirements shall not apply to water heaters located above lay-in ceilings when ceiling panels immediately adjacent to the appliance can be removed.

Sec. 8-83. Amendment of Section 510.6.3.1 of the Uniform Plumbing Code.

[Section 510.6.3.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

510.6.3.1 Category I Appliances. The sizing of natural draft venting systems serving one or more listed appliances equipped with a draft hood or appliances listed for use with Type B gas vent, installed in a single story of a building, shall be in accordance with one of the following methods.

- (1) The provisions of this chapter.
- (2) Vents serving a single, draft-hood equipped new-location appliance, fan-assisted combustion system appliances, or combinations of fan-assisted combustion system and draft-hood-equipped appliances shall be sized in accordance with section 511.0 of this chapter or other approved engineering methods.
- (3) For sizing an individual gas vent for a single, draft-hood equipped replacement appliance, the effective area of the vent connector and the gas vent shall be not less than the area of the appliance draft hood outlet or greater than seven times the draft hood outlet area. Such vents and their connectors shall be limited to a combined maximum change in direction of 180 degrees. Vents requiring greater change in direction shall be sized in accordance with section 511.0 of this chapter.
- (4) For sizing an existing gas vent connected to two appliances with draft hoods, the effective area of the vent shall be not less than the area of the larger draft hood outlet plus 50% of the area of the smaller draft hood outlet or greater than seven times the smaller draft hood outlet area. Vents connectors for such systems shall be sized in accordance with sections 510.10.3.3 and 510.10.9.2 of this chapter. Each vent connector shall be limited to a combined maximum change in direction of 180 degrees. Vents connectors requiring greater change in direction shall be sized in accordance with section 511.0 of this chapter.
- (5) Approved engineering practices.

Sec. 8-84. Amendment of Section 603.3.2 of the Uniform Plumbing Code.

[Section 603.3.2 of the Uniform Plumbing Code is hereby amended to read as follows:]

603.3.2 The premise owner responsible person shall have the backflow prevention assembly tested by a certified backflow assembly tester at the time of installation, repair, or relocation and tested and overhauled on the schedule listed in Chapter 41 Division 4 Cross Connections of the City of Salina Code of Ordinances. The periodic testing shall be performed in accordance with the procedures referenced in Table 14-1 by a tester qualified in accordance with those standards.

Sec. 8-85. Amendment of Section 603.4.6.1 of the Uniform Plumbing Code.

[Section 603.4.6.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

603.4.6.1 Potable water supplies systems having no pumps or connections for pumping equipment, and no chemical injection or provision for chemical injection, shall be protected from backflow by one of the following devices:

1. Atmospheric vacuum breaker

2. Pressure vacuum breaker
3. Reduced pressure backflow preventer
4. Double check valve assembly

Sec. 8-86. Amendment of Section 603.4.6.4 of the Uniform Plumbing Code.

[Section 603.4.6.4 of the Uniform Plumbing Code is hereby amended to read as follows:]

603.4.6.4 Where systems which include a chemical injector or any provisions for chemical injection designed to add chemicals to the potable water system shall be prohibited.

Sec. 8-87. Amendment of Section 603.4.22 of the Uniform Plumbing Code.

[Section 603.4.22 of the Uniform Plumbing Code is hereby amended to read as follows:]

603.4.22 Combination stop-and-waste valves or cocks shall not be installed underground.

Exception: Stop and waste valves may be installed in a pit approved by the City Department of Utilities.

Sec. 8-88. Amendment of Section 608.5 of the Uniform Plumbing Code.

[Section 608.5 of the Uniform Plumbing Code is hereby amended to read as follows:]

608.5 Relief valves located inside a building shall be provided with a drain, not smaller than the relief valve outlet, of galvanized steel, hard drawn copper piping and fittings, CPVC, or listed relief valve drain tube with fittings which will not reduce the internal bore of the pipe or tubing (straight lengths as opposed to coils) and shall extend from the valve to an indirect waste receptor or to within six inches of a nonabsorbent floor that provides an unobstructed flow to a floor drain and shall be pointed downward.

Exception: Drain tubes serving relief valves that are part of replacement equipment may terminate six inches above the floor serving the equipment served by the valve if drainage piping is not readily accessible. The discharge pipe shall be installed in a manner to minimize personal injury or property damage and so that draining water is readily observable by the building occupants. Drain tubes shall not terminate in a crawl space. Drain tubes for replacement equipment may terminate at an indirect waste receptor that drains to the outside of the building. Indirect waste receptors shall be drained by a minimum 1/4" drain line with the terminal end screened with 1/4" mesh.

No part of such drain pipe shall be trapped or subject to freezing. The terminal end of the drainpipe shall not be threaded.

Sec. 8-89. Amendment of Section 609.9 of the Uniform Plumbing Code.

[Section 609.9 of the Uniform Plumbing Code and all of its subsections is hereby amended to read as follows:]

609.9.5 All new or repaired private water mains 4" and larger in diameter shall be disinfected prior to use as required by the City of Salina Department of Utilities. For the purpose of this section, water main shall mean any water piping which connects a building or buildings to the public water supply for the purpose of furnishing water for domestic, process or fire suppression purposes.

Sec. 8-90. Amendment of Section 609.10 of the Uniform Plumbing Code.

[Section 609.10 of the Uniform Plumbing Code is hereby amended to read as follows:]

609.10 *Water Hammer.* All building water supplies systems in which quick acting valves over installed shall be provided with devices to absorb high pressures resulting from the quick closing of these valves. Quick closing valves are defined as valves operated by an electrical solenoid, or flushometer valves. Manually operated ball valves, gate valves or wheel valves are not considered quick closing valves. These pressure absorbing devices shall be either air chambers or approved mechanical devices. Water pressure shock arresters shall be installed as close as possible to quick acting valves at the end of long pipe or near batteries of fixtures or both. Water pressure shock arresters or pressure absorbing devices are not required for residential structures with separate water services.

Sec. 8-91. Amendment of Section 610.7 of the Uniform Plumbing Code.

[Section 610.7 of the Uniform Plumbing Code is hereby amended to read as follows:]

610.7 On any proposed water piping installation sized using Table 6-5, the following conditions shall be determined.

1. Total number of fixture units as determined from Table 6-4, Equivalent Fixture Units, for the fixtures to be installed. For the purpose of calculating building supply pipe sizing, fixture units for lawn sprinkling systems need not be included.
2. Developed length of supply pipe from meter to most remote outlet.

3. Difference in elevation between the meter of other source of supply and the highest fixture or outlet.
4. Pressure in the street main or other source of supply at the locality where the installation is to be made.
5. In localities where there is a fluctuation of pressure in the main throughout the day, the water piping system shall be designed on the basis of the minimum pressure available.

Sec. 8-92. Amendment of Section 707.4 of the Uniform Plumbing Code.

[Section 707.4 of the Uniform Plumbing Code is hereby amended to read as follows:]

707.4 Each horizontal drainage pipe shall be provided with a cleanout at its upper terminal and each run of piping, which is more than one hundred (100) feet (30480 mm) in total developed length, shall be provided with a cleanout for each one hundred (100) feet (30480 mm), or fraction thereof, in length of such piping.

Exceptions:

1. Cleanouts may be omitted on a horizontal drain line less than five (5) feet (1524 mm) in length unless such line is serving sinks or urinals.
2. Cleanouts may be omitted on any horizontal drainage pipe installed on a slope of seventy-two (72) degrees (1.26 rad) or less from the vertical angle (angle of one-fifth (1/5) bend).
3. Excepting the building drain and its horizontal branches, a cleanout shall not be required on any pipe or piping which is above the floor level of the lowest floor of the building.
4. An approved type of two-way cleanout fitting, installed inside the building wall near the connection between the building drain and building sewer or installed outside of a building at the lower end of a building drain and extended to grade, may be substituted for an upper terminal cleanout.
5. A cleanout may be omitted on a 3" or 4" horizontal drain line where a clean out would normally be required when that location is accessible from a water closet flange.
6. A cleanout may be omitted on an 1½" or 2" horizontal drain line where a clean out would normally be required when that location is accessible from a point where a slip-joint trap arm connects directly to a tee in a vertical drain line that connects with the horizontal drain.

Sec. 8-93. Amendment of Section 710.3.3 of the Uniform Plumbing Code.

[Section 709.0 of the Uniform Plumbing Code is hereby amended to read as follows:]

709.0 *Gravity Drainage Required* Wherever practicable, all plumbing fixtures shall be drained to the public sewer or private sewage disposal system by gravity. Where it is determined by the Authority Having Jurisdiction that gravity drainage for an alteration is impractical, drainage piping serving such plumbing fixtures shall meet the requirements of Section 710.0.

Exception: Upon prior approval by the Authority Having Jurisdiction, low flow fixtures such as but not limited to bar sinks, hand sinks, and indirect waste receptors for drink stations may drain into an approved, self-contained water removal system.

Sec. 8-94. Amendment of Section 710.3.3 of the Uniform Plumbing Code.

[Section 710.3.3 of the Uniform Plumbing Code is hereby amended to read as follows:]

710.3.3 When serving any area with an occupant load of greater than 15 as determined by the 2003 International Building Code in any public use occupancy, the ejector or pump shall be capable of passing a two 2 inches diameter solid ball, and the discharge piping of each ejector or pump shall have a backwater valve and gate valve, and be a minimum of three (3) inches in diameter.

Sec. 8-95. Amendment of Section 710.9 of the Uniform Plumbing Code.

[Section 710.9 of the Uniform Plumbing Code is hereby amended to read as follows:]

710.9 All such pumps and receiving tanks shall be automatically discharged and, when serving any area with an occupant load of greater than 15 as determined by the 2003 International Building Code in any public use occupancy, shall be provided with dual pumps or ejectors arranged to function independently in case of overload or mechanical failure. The pumps shall have an audio and visual alarm, readily accessible, that signals pump failure or an overload condition. The lowest inlet shall have the minimum clearance of two (2) inches from the high water or "starting" level of the sump.

Sec. 8-96. Amendment of Section 712.1 of the Uniform Plumbing Code.

[Section 712.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

712.1 *Media.* The piping of the plumbing, drainage, and venting systems shall be tested with water or air. The Administrative Authority may require the removal of any cleanouts, etc., to ascertain if the pressure has reached all parts of the system. After the plumbing fixtures have been set and their traps filled with water, they shall be submitted to a final test.

Exception: No testing will be required for plastic DWV systems.

Sec. 8-97. Amendment of Section 807.4 of the Uniform Plumbing Code.

Section 807.4 is hereby deleted in its entirety.

Sec. 8-98. Amendment of Section 905.4 of the Uniform Plumbing Code.

[Section 905.4 of the Uniform Plumbing Code is hereby amended to read as follows:]

905.4 All vent pipes, except as provided in section 905.4.0, shall extend undiminished in size above the roof, or shall be reconnected with a soil or waste vent of proper size except as provided in this section.

905.4.0 Air Admittance Valves

905.4.1 Where permitted. In remodel construction where venting above the roof is impractical, individual and branch vents shall be permitted to terminate with a connection to an air admittance valve when first approved by the Administrative Authority. The air admittance valve shall only vent fixtures that are on the same floor level.

905.4.2 General. Individual and branch type air admittance valves shall be listed and shall conform to ASSE 1051.

905.4.3 Installation. The valves shall be installed in accordance with the requirements of this section and manufacture's installation instructions. Air admittance valves shall be installed after the DWV testing required by Section 712.2 or 712.3 has been performed.

905.4.4 Location. The air admittance valve shall be located the minimum of six (6) inches above the highest flood level rim of the fixture being served. The air admittance valve shall be located within the maximum developed length permitted for the vent. The air admittance valve shall be installed a minimum of six (6) inches above insulation materials.

905.4.5 Access and Ventilation. Access shall be provided to all air admittance valves. The valve shall be located within a ventilated space that allows air to enter the valve.

905.4.6 Size. The air admittance valve shall be rated for the size of the vent to which the valve is connected.

Sec. 8-99. Amendment of Section 908.1 of the Uniform Plumbing Code.

[Section 908.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

908.1 Wet venting is limited to vertical drainage piping receiving the discharge from the trap arm of one (1) and two (2) fixture unit fixtures that also serves as a vent for not to exceed four (4) fixtures. All wet vented fixtures shall be within the same story; provided, further, that fixtures with a continuous vent discharging into a wet vent shall be within the same story as the wet vented fixtures. No wet vent shall exceed six (6) feet in developed vertical length.

Exception: One horizontal offset may be permitted in a wet vented section. The length of the offset is limited to the lengths of trap arms as required in table 10-1.

Sec. 8-100. Amendment of Section 1101.1 of the Uniform Plumbing Code.

[Section 1101.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

1101.1 *Where Required.* All roofs, paved areas, yards, courts, and courtyards shall be drained away from adjoining property and into a separate storm sewer system, or into a combined sewer system where a separate storm sewer system is not available, or to some other place of disposal satisfactory to the Authority Having Jurisdiction such as but not limited to public streets and/or public drainage easements. In the case of one- and two-family dwellings, storm water may be discharged on flat areas such as streets or lawns so long as the storm water shall flow away from the building and shall not create a nuisance.

Sec. 8-101. Amendment of Section 1101.5.1 of the Uniform Plumbing Code.

[Section 1101.5.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

1101.5.1 Subsoil drains shall be provided around the perimeter of buildings having basements, cellars, or crawl spaces or floors below grade when required by the International Building Code, The International Residential Code, or the Authority Having Jurisdiction. Such subsoil drains may be positioned inside or outside of the footing, shall be of perforated or open-jointed approved drain tile or pipe not less than three (3) inches (80 mm) in diameter, and shall be laid in gravel, slag, crushed rock, approved three-quarter (3/4) inch (19.1 mm) crushed recycled glass aggregate, or other approved porous material with a minimum of four (4) inches (102 mm) surrounding the pipe on all sides. Filter media shall be provided for exterior subsoil piping.

Sec. 8-102. Amendment of Section 1101.7 of the Uniform Plumbing Code.
[Section 1101.7 of the Uniform Plumbing Code is hereby amended to read as follows:]

1101.7 Areaway Drains. All open subsurface space adjacent to a building serving as an entrance to the basement or cellar of a building shall be provided with a drain or drains. Such areaway drains shall be two (2) inches (50 mm) minimum diameter for areaways not exceeding one hundred (100) square feet (9.3 m²) in area, and shall be discharged in the manner provided for subsoil drains not serving continuously flowing springs or ground water (see Sections 1101.5.2 and 1101.5.3). Areaways in excess of one hundred (100) square feet (9.3 m²) shall not drain into subsoil. Areaway drains for areaways exceeding one hundred (100) square feet (9.3 m²) shall be sized according to Table 11-2.

Sec. 8-103. Amendment of Section 1101.8 of the Uniform Plumbing Code.
[Section 1101.8 of the Uniform Plumbing Code is hereby amended to read as follows:]

1101.8 Window Areaway Drains. Window areaways not exceeding ten (10) square feet (0.9 m²) in area may discharge to the subsoil drains through a two (2) inch (50 mm) pipe. If subsoil drains are not required, such areaways may be drained by any method approved by the Authority Having Jurisdiction. Consideration shall be given to such other methods for other factors such as curbs, grading, overhangs, covers or any combination of these factors that would limit the amount of water that could infiltrate the areaway. However, window areaways exceeding ten (10) square feet (0.9 m²) in area shall be handled in the manner provided for entrance areaways (see Section 1101.7).

Sec. 8-104. Amendment of Section 1101.9 of the Uniform Plumbing Code.

Section 1101.9 Filling Stations and Motor Vehicle Washing Establishments of the Uniform Plumbing Code is hereby deleted in its entirety.

Sec. 8-105. Amendment of Section 1101.10 of the Uniform Plumbing Code.

Section 1101.10 Paved Areas of the Uniform Plumbing Code is hereby deleted in its entirety.

Sec. 8-106. Amendment of Section 1101.11.1 of the Uniform Plumbing Code.
[Section 1101.11.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

1101.11.1 Primary Roof Drainage. Roof areas of a building shall be drained by roof drains or gutters. The location and sizing of drains and gutters shall be coordinated with the structural design and pitch of the roof. Unless otherwise required by the Authority Having Jurisdiction, roof drains, gutters, vertical conductors or leaders, and horizontal storm drains for primary drainage shall be sized based on a storm of sixty (60) minutes duration and 100-year return period.

Exception: Gutters are not required for structures subject to the International Residential Code.

Sec. 8-107. Amendment of Section 1109.2 of the Uniform Plumbing Code.
[Section 1109.2 of the Uniform Plumbing Code is hereby amended to read as follows:]

1109.2 Methods of Testing Storm Drainage Systems. Except for approved ABS or PVC systems, outside leaders and perforated or open-jointed drain tile, the piping of storm drain systems shall be tested upon completion of the rough piping installation by water or air, and proved tight. The Authority Having Jurisdiction may require the removal of any cleanout plugs to ascertain whether the pressure has reached all parts of the system. Either of the following test methods shall be used:

Sec. 8-108. Amendment of Section 1211.2.4.1 of the Uniform Plumbing Code.
[Section 1211.2.4.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

1211.2.4.1 Ceiling Locations. Gas piping shall be permitted to be installed in accessible spaces between a fixed ceiling and a dropped ceiling provided that such spaces are not used as a plenum. Valves shall not be located in such spaces.

Exception: Equipment shutoff valves required by this Code shall be permitted to be installed in accessible spaces containing vented gas utilization equipment.

Sec. 8-109. Amendment of Section 1211.2.5 of the Uniform Plumbing Code.
[Section 1211.2.5 of the Uniform Plumbing Code is hereby amended to read as follows:]

1211.2.5 Prohibited Locations. Gas piping inside any building shall not be installed in or through a circulating air plenum or duct, clothes chute, chimney or gas vent, ventilating duct, dumbwaiter, or elevator shaft. This provision shall not apply to ducts used to provide combustion and ventilation air in accordance with Section 507.0.

Sec. 8-110. Amendment of Section 1212. 1 of the Uniform Plumbing Code.

[Section 1212.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

1212.1 Connecting Gas Equipment. Gas utilization equipment shall be connected to the building piping in compliance with 1212.4 and 1212.5 by one of the following:

- (1) Rigid metallic pipe and fittings.
- (2) Semirigid metallic tubing and metallic fittings. Aluminum alloy tubing shall not be used in exterior locations.
- (3) Listed flexible gas connectors in compliance with ANSI Z21.24, *Standard for Connectors for Gas Appliances*. The connector shall be used in accordance with the terms of their listing and shall conform to the following requirements.
 - (a) Listed metal appliance connectors shall have an overall length of not to exceed three (3) feet (914 mm) except a range or dryer connector, which may not exceed six (6) feet (1829 mm).
 - (b) No part of such connector shall be concealed within or extended through any wall, floor, partition, or appliance housing.
 - (c) All connectors shall be of such size as to provide the total demand of the connected appliance based on the applicable Tables 12-9 or 12-10.
- (4) CSST where installed in accordance with the manufacturer's instructions.
- (5) Listed non-metallic gas hose connectors in accordance with 1212.2.
- (6) Gas-fired food service (commercial cooking) equipment listed for use with casters or otherwise subject to movement for cleaning, and other large and heavy gas utilization equipment that can be moved, shall be connected in accordance with the connector manufacturer's installation instructions using a listed appliance connector complying with ANSI Z21.69, *Standard for Connectors for Movable Gas Appliances*.
- (7) In 1212.1(2), (3), and (5), the connector or tubing shall be installed so as to be protected against physical and thermal damage. Aluminum alloy tubing and connectors shall be coated to protect against external corrosion where they are in contact with masonry, plaster, or insulation or are subject to repeated wettings by such liquids as water (except rain water), detergents, or sewage.

Sec. 8-111. Amendment of Section 1212.4 of the Uniform Plumbing Code.

[Section 1212.4 of the Uniform Plumbing Code is hereby amended to read as follows:]

1212.4 Equipment Shutoff Valves and Connections. Gas utilization equipment connected to a piping system shall have an accessible, approved manual shutoff valve with a nondisplaceable valve member, or a listed gas convenience outlet, installed in the same room as the appliance, within 6 ft (1.8 m) of the equipment it serves. Where a connector is used, the valve shall be installed upstream of the connector. A union or flanged connection shall be provided downstream from this valve to permit removal of controls. Shutoff valves serving decorative gas appliances shall be permitted to be installed in fireplaces if listed for such use.

Exception: Shutoff valves for vented decorative appliances and decorative appliances for installation in vented fireplaces shall not be prohibited from being installed in an area remote from the appliance where such valves are provided with ready access. Such valves shall be permanently identified and shall serve no other equipment.

Sec. 8-112. Amendment of Section 1214.4 of the Uniform Plumbing Code.

[Section 1214.4 of the Uniform Plumbing Code and all of its subsections is hereby amended to read as follows:]

1214.4 Test Pressure.

1214.4.1 Test pressure shall be measured with a manometer or with a pressure-measuring device designed and calibrated to read, record, or indicate a pressure loss due to leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. Mechanical gauges used to measure test pressures shall have a range such that the highest end of the scale is not greater than two times the test pressure.

1214.4.2 The test pressure to be used shall be no less than 10 psi (68.9kPa) for systems designed for less than 2 pounds inlet pressure, nor less than 60 pounds (413kPa) for welded pipe or systems designed for 2 or more pounds of inlet pressure.

1214.4.3 Test duration shall be not less than 30 minutes for welded pipe or systems designed for 2 or more pounds of inlet pressure or for a system designed for less than 2 pounds of inlet pressure, the test duration shall be a minimum of 105 minutes. The duration of the test shall not be required to exceed 24 hours.

Sec. 8-113. Amendment of Section 1312.1 of the Uniform Plumbing Code.

[Section 1312.1 of the Uniform Plumbing Code is hereby amended to read as follows:]

1312.1 Before any medical gas or medical vacuum system is installed or altered in any hospital, medical facility, or clinic, duplicate plans and specifications shall be filed with the Authority Having Jurisdiction. Such plans shall be sealed by a mechanical engineer licensed in the State of Kansas, and shall bear a notation that the plans have been designed in conformance to Chapter 13 of the 2003 Uniform Plumbing Code. Approval of the plans shall be obtained prior to issuance of any permit by the Authority Having Jurisdiction.

Sec. 8-114. Amendment of Section 1329.3 of the Uniform Plumbing Code.

Section 1329.3 of the Uniform Plumbing Code is hereby deleted in its entirety.

Sec. 8-115. Amendment of Section 1329.4 of the Uniform Plumbing Code.

Section 1329.4 of the Uniform Plumbing Code is hereby deleted in its entirety.

Sec. 8-116. Amendment of Section 1329.5 of the Uniform Plumbing Code.

[Section 1329.5 of the Uniform Plumbing Code is hereby amended to read as follows:]

1329.5 Testing. Testing shall be conducted in the presence of an independent certification agency.

Sec. 8-117. Amendment of Section 1329.6 of the Uniform Plumbing Code.

[Section 1329.6 of the Uniform Plumbing Code is hereby amended to read as follows:]

1329.6 Retesting. If the independent certification agency finds that the work does not pass tests, necessary corrections shall be made and the work shall then be resubmitted for test or inspection.

Sec. 8-118. Amendment of Section 1329.13 of the Uniform Plumbing Code.

[Section 1329.13 of the Uniform Plumbing Code is hereby amended to read as follows:]

1329.13 Approval. Upon satisfactory completion of all tests and certification of the medical gas and medical vacuum systems by the independent certification agency and submittal of the approval certifications to the Authority Having Jurisdiction, a certificate of approval shall be issued by the Authority Having Jurisdiction to the permittee.

Sec. 8-119 – 8-120. Reserved.

DIVISION 4. Adoption of Mechanical Code with Amendments

Sec. 8-121. Uniform Mechanical Code adopted.

There is hereby adopted, by reference, by the city for the purpose of providing minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, quality of materials, location, operation, alteration repair and maintenance of heating, ventilating, cooling, refrigeration systems, incinerators and other miscellaneous heat-producing appliances, that certain building code known as the Uniform Mechanical Code, recommended and published by the International Association of Plumbing and Mechanical Officials, being particularly the 2000 edition not including appendices thereto, except as amended in this article of the Salina Code, of which not fewer than three (3) copies have been, and are now filed in the office of the city clerk and the same are hereby incorporated as fully as if set out at length herein and the provisions thereof shall be controlling in the construction and maintenance of all buildings and structures therein contained within the corporate limits of the city.

State law references: Authority to incorporate standard codes by reference, K.S.A. 12-3009 et seq.

Sec. 8-122. Amendment of Section 108.1 of the Uniform Mechanical Code.

[Section 108.1 of the Uniform Mechanical Code is hereby amended to read as follows:]

108.1 General. The Administrative Authority as used in this code shall mean the City of Salina and the building official. The Administrative Authority is hereby authorized and directed to enforce all the provisions of this code. For such purposes the Administrative Authority shall have the powers of a law enforcement officer.

The Administrative Authority shall have the power to render interpretations of this code and to adopt and enforce rules and regulations supplemental to this code as may be deemed necessary in order to clarify the application of the provisions of this code. Such interpretations, rules and regulations shall be in conformity with the intent and purpose of this code.

Sec. 8-123. Amendment of Section 110.0 of the Uniform Mechanical Code.

[Section 110.0 of the Uniform Mechanical Code and all of its subsections is hereby amended to read as follows:]

110.0 Board of Appeals Appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code shall be heard and decided by the Building Advisory Board. See Article II, Chapter 8 of Salina Municipal Code

110.1 Deleted

110.2 Deleted

Sec. 8-124. Amendment of Section 115.1 of the Uniform Mechanical Code.

[Section 115.1 of the Uniform Mechanical Code is hereby amended to read as follows:]

115.1 General. Fees shall be assessed in accordance with the provisions of this. The fees are to be determined and adopted by this jurisdiction.

Sec. 8-125. Amendment of Section 115.2 of the Uniform Mechanical Code.

[Section 115.2 of the Uniform Mechanical Code is hereby amended to read as follows:]

115.2 Permit Fees. The fee for each permit shall be as set forth the fee schedule adopted pursuant to section 2-2 of the Salina Code of Ordinances.

Sec. 8-126. Amendment of Section 115.3 of the Uniform Mechanical Code.

Section 115.3 of the Uniform Mechanical Code is hereby deleted.

Sec. 8-127. Amendment of Section 303.1 of the Uniform Mechanical Code.

[Section 303.1 of the Uniform Mechanical Code is hereby amended to read as follows:]

303.1 General. Each appliance shall be designed for use with the type of fuel to which it will be connected. Appliances shall not be converted from the fuel specified on the rating plate for use with a different fuel without securing reapproval from the Administrative Authority and as recommended by the manufacturer of either the original equipment or the conversion equipment. The serving gas supplier may convert appliances in accordance with procedures approved by the Administrative Authority without securing reapproval of the appliance if properly relabeled. An accessible approved shutoff valve shall be installed in the fuel gas piping outside of each appliance and ahead of the union connection thereto in addition to any valve provided on the appliance. Such valve shall be within six (6) feet (1.8 m) of the appliance it serves, and in the same room or space where the appliance is located.

Exceptions:

1. Shutoff valves may be accessibly located inside or under an appliance when such appliance can be removed without removal of the shutoff valve.
2. Shutoff valves may be accessibly located inside wall heaters and wall furnaces listed for recessed installation where necessary maintenance can be performed without removal of the shutoff valve.
3. Shutoff valves for decorative appliances for installation in vented fireplaces shall not be prohibited from being installed in an area remote from the appliance where such valves are provided with ready access. Such valves shall be permanently identified and shall serve no other equipment.

Sec. 8-128. Amendment of Section 309.0 of the Uniform Mechanical Code.

[Section 309.0 of the Uniform Mechanical Code is hereby amended to read as follows:]

309.0 Electrical Connections. Equipment regulated by this code requiring electrical connections of more than 50 Volts shall have a positive means of disconnect adjacent to and in sight from the equipment served. A 120 volt receptacle shall be located within 25 feet (7620 mm) of the equipment for service and maintenance purposes. The receptacle is not required for replacement of existing equipment in the same location. The receptacle must be located on the same level as the equipment and be accessible. Low voltage wiring of 50 Volts or less within a structure shall be installed in a manner to prevent physical damage.

Sec. 8-129. Amendment of Section 504.3.2.2 of the Uniform Mechanical Code.

[Section 504.3.2.2 of the Uniform Mechanical Code is hereby amended to read as follows:]

504.3.2.2 Length Limitation. Unless otherwise permitted or required by the dryer manufacturer's installation instructions and approved by the Administrative Authority, domestic dryer moisture exhaust ducts shall not exceed to total combined horizontal and vertical length 30 feet (9150 mm) of 4 inch vent or 37 feet (11285 mm), of 5 inch vent, including two 90 degree (1.57 rad) elbows. Two feet (610 mm) shall be deducted for each 90 degree (1.57 rad) for each additional elbow. If the vent passes through space that is unheated it shall be insulated to prevent condensation.

Sec. 8-130. Amendment of Section 707.0 of the Uniform Mechanical Code.

[Section 707.0 of the Uniform Mechanical Code and all of its subsection is hereby amended to read as follows:]

707.0 Area of Combustion Air Openings

707.1 General. The net free area of openings, ducts or plenums supplying combustion air to an area containing fuel-burning appliances shall be as specified in Table 7-1 and sections 707.2 and 707.3. When grilles, screens or louvers are inserted in combustion-air openings, the provisions of Section

707.3 apply. Permanent mechanically pressurized combustion-air facilities in central heating plants, fossil-fueled steam electric generating plants, district heating plants, industrial facilities and power boiler plants are exempt from the requirements of Table 7-1.

707.2 One Permanent Opening Method: One permanent opening, commencing within 12 in. (300 mm) of the top of the enclosure, shall be provided. The equipment shall have clearances of at least 1 in. (25 mm) from the sides and back and 6 in. (160 mm) from the front of the appliance. The opening shall directly communicate with the outdoors or shall communicate through a vertical or horizontal duct to the outdoors or spaces that freely communicate with the outdoors and shall have a minimum free area of:

- (1) 1 in.²/3000 btu/h (700 mm²/kW) of the total input rating of all equipment located in the enclosure, and
- (2) Not less than the sum of the areas of all vent connectors in the space.

707.3 Combination Indoor and Outdoor Combustion Air.

The use of a combination of indoor and outdoor combustion air shall be in accordance with 707.3.1 through 707.3.3.

707.3.1 Indoor Openings. Where used, openings connecting the interior spaces shall comply with Section 507.3.1.

707.3.2 Outdoor openings shall be located in accordance with Section 507.4.1 and 507.4.2.

707.3.3 Outdoor Openings Size. The outdoor openings size shall be calculated in accordance with the following:

- (1) The ratio of interior spaces shall be the available volume of all communicating spaces divided by the required volume.
- (2) The outdoor size reduction factor shall be 1 minus the ratio of interior spaces.
- (3) The minimum size of outdoor openings shall be the full size of outdoor openings calculated in accordance with Section 507.4.1 or 507.4.2, multiplied by the reduction factor. The minimum dimension of air openings shall not be less than 3 in. (80 mm).

Sec. 8-131. Amendment of Section 808.0 of the Uniform Mechanical Code.

[Section 808.0 of the Uniform Mechanical Code is hereby amended to read as follows:]

808.0 Size of Gravity Venting System

For sizing an individual gas vent for a single, draft-hood equipped replacement appliance, the effective area of the vent connector and the gas vent shall be not less than the area of the appliance draft hood outlet or greater than seven times the draft hood outlet area. Such vents and their connectors shall be limited to a combined maximum change in direction of 180 degrees. Vents requiring greater change in direction shall be sized in accordance with Appendix C of this Code.

Sec. 8-132. Amendment of Section 809.3 of the Uniform Mechanical Code.

[Section 809.3 of the Uniform Mechanical Code is hereby amended to read as follows:]

809.3 For sizing an existing gas vent connected to two appliances with draft hoods, the effective area of the vent shall be not less than the area of the larger draft hood outlet plus 50% of the area of the smaller draft hood outlet or greater than seven times the smaller draft hood outlet area. The effective area of each vent connector for such systems shall be not less than the area of the appliance draft hood outlet or greater than seven times the draft hood outlet area. Lengths of vent connectors and manifolds shall be limited as required by sections 815.2.2.7 of this chapter. Each vent connector shall be limited to a combined maximum change in direction of 180 degrees. Vents connectors requiring greater change in direction shall be sized in accordance with section 511.0 of this chapter. New vent systems shall be installed in accordance with Appendix C of this code.

Sec. 8-133. Amendment of Section 810.1 of the Uniform Mechanical Code.

[Section 810.1 of the Uniform Mechanical Code is hereby amended to read as follows:]

810.1 The venting system shall be in a safe condition.

Sec. 8-134. Amendment of Section 813.0 of the Uniform Mechanical Code.

[Section 810.0 of the Uniform Mechanical Code and all of its subsections is hereby amended to read as follows:]

813.0 Masonry Chimneys

813.1 Design Masonry chimneys shall be built and installed in accordance with NFPA 211, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances, and lined with approved clay flue lining, a listed chimney lining system, or other approved material that will resist corrosion, erosion, softening, or cracking from vent gases at temperatures up to 1800°F (982°C).

Exception: Masonry chimney flues lined with a chimney lining system specifically listed for use with listed gas appliances with draft hoods, Category I appliances, and other gas appliances listed for use with Type B vents shall be permitted. The liner shall be installed in accordance with the liner manufacturer's instructions and the terms of the listing. A permanent identifying label shall be attached at the point where the connection is to be made to the liner. The label shall read: "This chimney liner is for appliances that burn gas only. Do not connect to solid or liquid fuel-burning appliances or incinerators."

813.2 Gas Venting into Existing Masonry Chimneys. Existing lined masonry chimneys may be used to vent gas appliances, provided:

813.2.1 Inspection of Chimneys.

- (A) Before replacing an existing appliance or connecting a vent connector to a chimney, the chimney passageway shall be examined to ascertain that it is clear and free of obstructions and shall be cleaned if previously used for venting solid-or liquid-fuel-burning appliances or fireplaces.
- (B) Chimneys shall be lined in accordance with NFPA 211, Standard for Chimneys, Fireplaces, Vents, and Solid-Fuel Burning Appliances.
- (C) Cleanouts shall be examined to determine that they will remain tightly closed when not in use.
- (D) When inspection reveals that an existing chimney is not safe for the intended application, it shall be repaired, rebuilt, lined, relined, or replaced with a vent or chimney to conform to NFPA 211, Standard for Chimneys, Fireplaces, Vents, and Solid-Fuel-Burning Appliances, and shall be suitable for the equipment to be attached.

813.2.2 Size of Chimneys The effective area of a chimney venting system serving listed gas appliances with draft hoods, Category I appliances, and other appliances listed for use with Type B vents shall be in accordance with one of the following methods:

813.2.2.1 For sizing an individual chimney venting system for a single appliance with a draft hood, the effective areas of the vent connector and chimney flue shall be not less than the area of the appliance flue collar or draft hood outlet or greater than seven time the draft hood outlet area.

813.2.2.2 For sizing a chimney venting system connected to two or more appliances with a draft hoods, the effective area of the chimney flue shall be not less than the area of the largest draft hood outlet plus 50 percent of the area of the smaller draft hood outlets, or greater than seven times the smallest draft hood outlet area.

813.2.2.3 Appendix C of this code.

813.2.2.4 Other approved engineering methods.

813.2.2.5 Chimney venting systems using mechanical draft shall be sized in accordance with approved engineering methods. Where an incinerator is vented by a chimney serving other gas utilization equipment, the gas input to the incinerator shall not be included in calculating chimney size, provided the chimney flue diameter is not less than 1 in. (25 mm) larger in equivalent diameter than the diameter of the incinerator flue outlet.

813.2.3 Automatically controlled gas appliances connected to a chimney which also serves equipment burning liquid fuel shall be equipped with an automatic pilot. A gas appliance vent connector and a chimney connector from an appliance burning liquid fuel may be connected into the same chimney through separate openings, provided the gas appliance is vented above the liquid fuel-burning appliance, or both may be connected through a single opening if joined by a suitable fitting located at the chimney.

813.2.4 The vent or chimney connector shall enter the chimney at least six (6) inches (152 mm) from the bottom of the chimney. The chimney shall be provided with a cleanout. If six (6) inches (152 mm) are not available, a cleanout shall be provided by installing a capped tee in the vent connector next to the chimney.

Sec. 8-135. Amendment of Section 904.5 of the Uniform Mechanical Code.

[Section 904.5 of the Uniform Mechanical Code is hereby amended to read as follows:]

904.5. In a room used or designed to be used as a bedroom, bathroom, closet or in any enclosed space with access only through such room or space.

Exception 1: Direct vent furnaces, enclosed furnaces and electric heating furnaces. Access to furnaces located in an attic or under-floor crawl space may be through a closet.

Exception 2: The replacement of warm air furnaces that are located in existing bathrooms shall be permitted provided that the only access to the bathroom is not through a bedroom.

Sec. 8-136. Amendment of Section 908.0 of the Uniform Mechanical Code.

[Section 908.0 of the Uniform Mechanical Code is hereby amended to read as follows:]

908.0 Attic Furnaces. Upright furnaces may be installed in an attic or furred space more than five (5) feet (1524 mm) in height, provided the required listing and furnace and duct clearances are observed. Horizontal furnaces may be installed in an attic or furred space provided the required listings and furnace and duct clearances are observed.

Clearances of a warm-air attic furnace from combustibles shall be as specified in Section 304.1. An attic or furred space in which a warm-air furnace is installed shall be accessible by an opening and passageway as large as the largest piece of the furnace and in no case less than 30 inches by 30 inches (762 mm x 762 mm) continuous from the opening to the furnace and its controls.

Exception: The access opening into the space may be 22 inches by 30 inches (559 mm X 762 mm), provided the largest piece of equipment can be removed through the opening.

The distance from the passageway access to furnace shall not exceed 20 feet (2096 mm) measured along the center line of the passageway. The passageway shall be unobstructed and shall have continuous solid flooring not less than 24 inches (610 mm) wide from the entrance opening to the furnace.

A level working platform not less than 30 inches (762 mm) in depth and width shall be provided in front of the entire firebox side of the warm-air furnace and if the furnace temperature-limit control, air filter, fuel-control valve, vent collar or air-handling unit is not serviceable from the firebox side of the furnace, a continuous floor not less than 24 inches (610 mm) in width shall be provided from the platform in front of the firebox side of the furnace to and in front of this equipment.

Exception: A working platform need not be provided when the furnace can be serviced from the required access opening.

A permanent electric outlet and lighting fixture controlled by a switch located at the required passageway opening shall be provided at or near the furnace.

Exception: Neither an outlet nor a light shall be required for furnaces installed above a lay-in ceiling when tiles immediately adjacent to the furnace can be removed.

Sec. 8-137. Amendment of Section 910.8 of the Uniform Mechanical Code.

[Section 910.8 of the Uniform Mechanical Code is hereby amended to read as follows:]

910.8 Access. Every Furnace installed in or on an exterior wall of a building, which is designed so that the burners or controls must be serviced from outside the building, shall be readily accessible. Furnaces located on the roof of a building shall be readily accessible.

Exceptions:

1. Permanent exterior ladders providing roof access need not extend closer than 12 feet to the finish grade.
2. A portable ladder may be used for access for furnaces on the single-story portion of a Group R or U Occupancy.
3. Permanent ladders for equipment access need not be provided at parapets or walls less than 30 inches (762 mm) in height.
4. New equipment replacing existing equipment in the same location shall not be required to conform with this requirement.

Sec. 8-138. Amendment of Section 916.3 of the Uniform Mechanical Code.

[Section 916.3 of the Uniform Mechanical Code is hereby amended to read as follows:]

916.3 Unvented. Unvented fuel-burning room heaters shall not be installed, used, maintained or permitted to exist in a Group I or R Occupancy, nor shall an unvented heater be installed in any building, whether as a new or as a replacement installation, unless permitted by this section. This subsection shall not apply to portable oil-fired unvented heating used as supplemental heating in Group S, Divisions 3, 4, and 5 and Group U Occupancies, and regulated by the Fire Code.

Exception: Unvented heaters, gas logs and fireplaces may be installed in Group A, B, and M occupancies and R3 single family dwellings (except bathrooms and bedrooms). Unvented gas log is a listed natural gas or liquefied petroleum gas burning log with an open flame consisting of a metal frame or base supporting simulated logs which

is designed so that its primary function lies in the aesthetic effect of the logs and flame. An unvented fireplace is a listed unvented gas log permanently installed in a freestanding enclosure designed and approved for installation in walls or other building structures. Unvented heaters, gas logs, and fireplaces:

1. Shall be equipped with an approved oxygen-depletion sensor;
2. Shall be listed;
3. Shall not be installed in any room which does not have an alternative source of primary heating (does not apply to heaters);
4. Shall have free air volume of at least 50 cubic feet for each 1000 BTUs of thermal input;
5. Shall be permanently installed;
6. Shall not be equipped or connected to any automatic ignition or shut-off device except the oxygen depletion sensor;
7. Must be fueled by natural gas or liquid propane;
8. Must bear the label of the American Gas Association or be UL listed.

Secs. 8-139 – 8-145. Reserved.

DIVISION 5. Adoption of Electric Code with Amendments

Sec. 8-146. National Electrical Code adopted.

There is hereby adopted, by reference, by the city for the purpose of providing minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, quality of materials, location, operation, alteration repair and maintenance of electrical wiring and apparatus for the utilization of electric current, that certain electrical code known as the National Electrical Code, as recommended and published by the National Fire Protection Association, being particularly the 2002 edition not including appendices thereto, except as amended in this article of the Salina Code, of which not fewer than three (3) copies have been, and are now filed in the office of the city clerk and the same are hereby incorporated as fully as if set out at length herein and the provisions thereof shall be controlling in the construction and maintenance of all buildings and structures therein contained within the corporate limits of the city.

State law references: Authority to incorporate standard codes by reference, K.S.A. 12-3009 et seq.

Sec. 8-147. Amendment of Article 80.2 of the National Electrical Code.

[Article 80.2 of the National Electrical Code is hereby amended to read as follows:]

80.2 Definitions.

Authority Having Jurisdiction. The organization, office, or individual responsible for approving equipment, materials, an installation, or a procedure. As used in this code the Authority Having Jurisdiction shall mean the City of Salina.

Chief Electrical Inspector. An electrical inspector who either is the authority having jurisdiction or is designated by the authority having jurisdiction and is responsible for administering the requirements of this Code. As used in this code the Chief Electrical Inspector shall mean the Building Official.

Electrical Inspector. An individual meeting the requirements of 80.27 and authorized to perform electrical inspections.

Sec. 8-148. Amendment of Article 80.15 of the National Electrical Code.

[Article 80.15 of the National Electrical Code and all of its subsections is hereby amended to read as follows:]

80.15 Appeals. Appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code shall be heard and decided by the Building Advisory Board. See Article II, Chapter 8 of Salina Municipal Code

Sec. 8-149. Amendment of Article 80.19 of the National Electrical Code.

[Article 80.19 of the National Electrical Code and all of its subsections is hereby amended to read as follows:]

80.19 Permits and Approvals, Permits required No person shall install or repair, change or add to any wiring for the transmitting of electric current for light, heat or power or install or repair any lighting, fixtures, devices, disconnects, service or control equipment that has been installed in or upon any building in the city without the owner, electrical contractor or person doing such work first obtaining a permit covering such work from the Department of Building Services, except that no permit shall be required to execute any of the classes of electrical work specified in the following:

- (1) Installation or replacement of equipment such as lamps and of electric utilization equipment approved for connection to suitable permanently installed receptacles. Replacement of flush

or snap switches, fuses, lamp sockets, and receptacles, and other minor maintenance and repair work, such as replacing worn cords and tightening connections on a wiring device

(2) The process of manufacturing, testing, servicing, or repairing electric equipment or apparatus

(3) No permit shall be required for installation of low-voltage circuits.

Permits and approvals shall conform to 80.19(A) through (H).

(A) *Application.*

(1) Activity authorized by a permit issued under this *Code* shall be conducted by the permittee or the permittee's agents or employees in compliance with all requirements of this *Code* applicable thereto and in accordance with the approved plans and specifications. No permit issued under this *Code* shall be interpreted to justify a violation of any provision of this *Code* or any other applicable law or regulation. Any addition or alteration of approved plans or specifications shall be approved in advance by the authority having jurisdiction, as evidenced by the issuance of a new or amended permit.

(2) A copy of the permit shall be posted or otherwise readily accessible at each work site or carried by the permit holder as specified by the authority having jurisdiction.

(B) *Content.* Permits shall be issued by the authority having jurisdiction and shall bear the name and signature of the authority having jurisdiction or that of the authority having jurisdiction's designated representative. In addition, the permit shall indicate the following:

- (1) Operation or activities for which the permit is issued
- (2) Address or location where the operation or activity is to be conducted
- (3) Name and address of the permittee
- (4) Permit number and date of issuance
- (5) Period of validity of the permit
- (6) Inspection requirements

(C) *Issuance of Permits.* The authority having jurisdiction shall be authorized to establish and issue permits, certificates, notices, and approvals, or orders pertaining to electrical safety hazards pursuant to 80.23

~~(D)~~

(E) *Fees.* The fee for each permit required by this code shall be as set forth in the fee schedule adopted pursuant to section 2-2 of the Salina Code of Ordinances.

(F) *Inspection and Approvals.*

(1) Upon the completion of any installation of electrical equipment that has been made under a permit other than an annual permit, it shall be the duty of the person, firm, or corporation making the installation to notify the Electrical Inspector having jurisdiction, who shall inspect the work within a reasonable time.

(2) Where the Inspector finds the installation to be in conformity with the statutes of all applicable local ordinances and all rules and regulations, the Inspector shall notify such authorization to the supplier of electric service. When a certificate of temporary approval is issued authorizing the connection of an installation such certificates shall be issued to expire at a time to be stated therein and shall be revocable by the Electrical Inspector for cause.

(3) When any portion of the electrical installation within the jurisdiction of an Electrical Inspector is to be hidden from view by the permanent placement of parts of the building, the person, firm, or corporation installing the equipment shall notify the Electrical Inspector, and such equipment shall not be concealed until it has been approved by the Electrical Inspector, provided that on large installations, where the concealment of equipment proceeds continuously, the person, firm, or corporation installing the equipment shall give the Electrical Inspector due notice in advance, and inspections shall be made periodically during the progress of the work.

(4) If, upon inspection, any installation is found not to be fully in conformity with the provisions of Article 80, and all applicable ordinances, rules, and regulations, the Inspector making the inspection shall at once forward to the person, firm, or corporation making the installation a written notice stating the defects that have been found to exist.

(G) *Revocation of Permits.* Revocation of permits shall conform to the following:

- (1) The authority having jurisdiction shall be permitted to revoke a permit or approval issued if any violation of this *Code* is found upon inspection or in case there have been any false statements or misrepresentations submitted in the application or plans on which the permit or approval was based.
- (2) Any attempt to defraud or otherwise deliberately or knowingly design, install, service, maintain, operate, sell, represent for sale, falsify records, reports, or applications, or other related activity in violation of the requirements prescribed by this *Code* shall be a violation of this *Code*. Such violations shall be cause for immediate suspension or revocation of any related licenses, certificates, or permits issued by this jurisdiction. In addition, any such violation shall be subject to any other criminal or civil penalties as available by the laws of this jurisdiction.
- (3) Revocation shall be constituted when the permittee is duly notified by the authority having jurisdiction.
- (4) Any person who engages in any business, operation, or occupation, or uses any premises, after the permit issued therefor has been suspended or revoked pursuant to the provisions of this *Code*, and before such suspended permit has been reinstated or a new permit issued, shall be in violation of this *Code*.
- (5) A permit shall be predicated upon compliance with the requirements of this *Code* and shall constitute written authority issued by the authority having jurisdiction to install electrical equipment. Any permit issued under this *Code* shall not take the place of any other license or permit required by other regulations or laws of this jurisdiction.
- (6) The authority having jurisdiction shall be permitted to require an inspection prior to the issuance of a permit
- (7) A permit issued under this *Code* shall continue until revoked or for the period of time designated on the permit. The permit shall be issued to one person or business only and for the location or purpose described in the permit. Any change that affects any of the conditions of the permit shall require a new or amended permit.

(H) Applications and Extensions. Applications and extensions of permits shall conform to the following:

- (1) Every permit issued by the Building Official under the provisions of this code shall expire by limitation and become null and void if the work authorized by such permit is not commenced within 180 days from the date of such permit, or if the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 days. Before such work can be recommenced, a permit shall be first obtained to do so, and the fee therefor shall be one half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work, and provided further that such suspension or abandonment has not exceeded one year. In order to renew action on a permit after expiration, the permittee shall pay a new full permit fee.

Any permittee holding an unexpired permit may apply for an extension of the time within which work may commence under that permit when the permittee is unable to commence work within the time required by this section for good and satisfactory reasons. The building official may extend the time for action by the permittee for a period not exceeding 180 days on written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shall be extended more than once.

- (2) Applications for permits shall be made to the authority having jurisdiction on forms provided by the jurisdiction and shall include the applicant's answers in full to inquiries set forth on such forms. Applications for permits shall be accompanied by such data as required by the authority having jurisdiction, such as plans and specifications, location, and so forth. Fees shall be determined as required by local laws.
- (3) The authority having jurisdiction shall review all applications submitted and issue permits as required. If an application for a permit is rejected by the authority having jurisdiction, the applicant shall be advised of the reasons for such rejection. Permits for activities requiring evidence of financial responsibility by the jurisdiction shall not be issued unless proof of required financial responsibility is furnished.

Sec. 8-150. Amendment of Article 80.27 of the National Electrical Code.

Article 80.27 of the National Electrical Code and all of its subsections is hereby deleted in its entirety.

Sec. 8-151. Amendment of Article 210.12 of the National Electrical Code.

Article 210.12 of the National Electrical Code is hereby deleted in its entirety.

Sec. 8-152. Amendment of Article 210.63 of the National Electrical Code.

[Article 210.63 of the National Electrical Code is hereby amended to read as follows:]

210-63. Heating, Air-Conditioning, and Refrigeration Equipment Outlet. A 125-volt, single-phase, 15- or 20-ampere-rated receptacle outlet shall be installed at an accessible location for the servicing of heating, air-conditioning, and refrigeration equipment. This is not required for replacement of existing equipment in the same location. The receptacle shall be located on the same level and within twenty-five ft. (7.62 m) of the heating, air-conditioning, and refrigeration equipment. The receptacle outlet shall not be connected to the load side of the equipment disconnecting means.

Sec. 8-153. Amendment of Article 230.70 of the National Electrical Code.

[Article 230.70 of the National Electrical Code is hereby amended to read as follows:]

230.70 General. Means shall be provided to disconnect all conductors in a building or other structure from the service-entrance conductors.

(A) **Location.** The service disconnecting means shall be installed in accordance with 230.70(A)(1), (2), and (3).

(1) **Readily Accessible Location.** The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure or inside nearest the point of entrance of the service conductors. For one and two family dwellings, the length of service conductors between the meter and the service disconnect shall not exceed 10 feet. For all other buildings where the service disconnecting means is located inside a building or structure, that portion of the service conductors located inside the building or structure shall not exceed 10 feet in length.

(Note: See 230.6 - Conductors considered outside the building)

(2) **Bathrooms.** Service disconnecting means shall not be installed in bathrooms.

(3) **Remote Control.** Where a remote control device(s) is used to actuate the service disconnecting means, the service disconnecting means shall be located in accordance with 230.70(A)(1).

Sec. 8-154. Amendment of Article 300.22 of the National Electrical Code.

[Article 300.22 subsection (C) of the National Electrical Code is hereby amended to read as follows:]

300-22. Wiring in Ducts, Plenums, and Other Air-Handling Spaces.

(C) **Other Space Used for Environmental Air.** This section applies to space used for environmental air-handling purposes other than ducts and plenums as specified in 300.22(A) and (B). It does not include habitable rooms or areas of buildings, the prime purpose of which is not air handling.

Exception: This section shall not apply to the joist or stud spaces of dwelling units governed by the International Residential Code where the wiring passes through such spaces

(1) **Wiring Methods.** The wiring methods for such other space shall be limited to totally enclosed, nonventilated, insulated busway having no provisions for plug-in connections, Type MI cable, Type MC cable without an overall nonmetallic covering, Type AC cable, or other factory-assembled multiconductor control or power cable that is specifically listed for the use, or listed prefabricated cable assemblies of metallic manufactured wiring systems without nonmetallic sheath. Other types of cables and conductors shall be installed in electrical metallic tubing, flexible metallic tubing, intermediate metal conduit, rigid metal conduit without an overall nonmetallic covering, flexible metal conduit, or, where accessible, surface metal raceway or metal wireway with metal covers or solid bottom metal cable tray with solid metal covers.

(2) **Equipment.** Electrical equipment with a metal enclosure, or with a nonmetallic enclosure listed for the use and having adequate fire-resistant and low-smoke-producing characteristics, and associated wiring material suitable for the ambient temperature shall be permitted to be installed in such other space unless prohibited elsewhere in this Code.

Exception: Integral fan systems shall be permitted where specifically identified for such use.

Secs. 8-155 – 8-160. Reserved.

ARTICLE II. BUILDING ADVISORY BOARD

Sec. 8-161. Created.

There is hereby created the Building Advisory Board (hereinafter referred to as "the board").

Sec. 8-162. Purpose.

The purpose of the board shall be to:

- 1) Study all model construction codes and local ordinances adopted by the city regarding the residential and commercial building industry and to make recommendations to the board of city commissioners regarding any update of the city building codes.
- 2) Act in an advisory capacity to the board of city commissioners on any requests for ordinance changes affecting the city building codes.
- 3) Render interpretations upon request by the building official and recommend policy.
- 4) Serve as a board of appeals to hear any appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.
- 5) Recommend rules and regulations to be adopted by resolution to the board of city commissioners regarding the registration of general contractors and tradesmen, the licensure of plumbing, mechanical, electrical and mobile home contracting businesses, and individual trade licensure for plumbers, mechanics, electricians and mobile home craftsmen.

Sec. 8-163. Membership.

The board shall consist of eleven (11) members, including one (1) of each of the following:

1. Licensed architect
2. Licensed structural engineer
3. Realtor
4. Plumbing contractor
5. Master or journeyman plumber
6. Electrical contractor
7. Master or journeyman electrician
8. Licensed mechanical engineer
9. Heating and air-conditioning contractor
10. Home building contractor
11. Commercial building contractor

Sec. 8-164. Appointment and term.

Members of the board shall be appointed by the mayor, with the consent of the board of city commissioners. Three (3) of the initial members shall be appointed to a one-year term, three (3) to a two-year term, three (3) to a three-year term, and three (3) to a four-year term. All subsequent appointments shall be for a four-year term. No member shall serve more than two (2) consecutive terms.

Sec. 8-165. Compensation.

The members of the board shall serve without compensation.

Sec. 8-166. Officers.

The board shall elect one (1) of its members as chairman for a term of one (1) year. The chairman shall preside at all meetings of the board. The board shall elect, in the same manner and for the same term, one (1) of its members as vice-chairman who shall act as chairman during the absence of the chairman.

Sec. 8-167. Quorum.

Six (6) members of the board shall constitute a quorum for the purpose of conducting the board's business.

Sec. 8-168. Appeal procedure.

Any appeal to be heard by the board must be filed within ten (10) calendar days from the date of the chief building official's decision prompting the appeal. Such appeal must be filed in the city's Building Services department on a form provided by that office. The appeal shall then be placed on the agenda of the next regularly scheduled meeting of the board.

Sec. 8-169. Limitations on authority.

An application for appeal shall be based on a claim that the true intent of the applicable code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of the applicable code do not fully apply, or an equally good or better form of construction is proposed. The board shall have no authority to waive requirements of any codes duly adopted or amended by this chapter.

Sec. 8-170. Meetings.

The board shall determine its own meeting schedule. Special meetings of the board may be called at the discretion of the chairman or by the vice-chairman in the event the chairman is unavailable to consider the request for a special meeting.

ARTICLE III. LICENSE AND REGISTRATION REQUIREMENTS

DIVISION 1. License or Registration required

Sec. 8-171. Registration required.

It shall be unlawful for any person to perform work that requires a building, moving or demolition permit and/or erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish any building, structure, fence, retaining wall, irrigation system, signs, or driveway or other concrete flatwork in the city, or cause the same to be done unless such person has been validly registered with the city to perform such work. A contractor license shall not be deemed to preclude the requirement for registration when the work being performed is not within the scope of the contractor's license as defined by this Article. In extending the rights and privileges of registration, the city makes no statement of the technical competency of the registrant.

Sec. 8-172. Registration classifications

Registration shall be divided into the following classifications:

Registered Contractor. A person that plans and supervises the unlimited construction, alternation, remodeling, addition, improvement or repair of any building or structure.

Registered Tradesman. A person that plans and supervises the construction, alternation, remodeling, addition, improvement or repair of any building or structure in an amount not to exceed twenty-five thousand dollars (\$25,000).

Sec. 8-173. Exemptions from registration.

- (1) A bona fide owner of a single-family dwelling being used exclusively as the owner's dwelling, including the usual accessory buildings, provided that said owner personally purchases and installs all material used in the construction, and further provided all other portions of this chapter are adhered to. The same shall apply to a new dwelling. When a permit is issued to an owner under this exemption, the exemption shall not be granted to the owner for any other address for a period of 1 year from the date the permit was issued. This exemption shall not preclude the requirement that all paid subcontractors hired by the owner must be registered or licensed;
- (2) The property owner or persons who are regularly employed by the property owner, when work performed at that location does not require a permit;
- (3) The property owner acting as his own general contractor when a permit is required when all actual work is performed by registered and/or licensed subcontractors;
- (4) Employees of the City of Salina when working on any properties owned by the City.
- (5) Employees of Saline County when working on any properties owned by the County.
- (6) A licensed contractor when performing any work within the scope of their license as defined in this Article; or
- (7) Any person who has a currently valid mobile home craftsman license issued by the city while performing repairs or replacements to the systems located within a mobile home under the provisions of Article IV of Chapter 22;

Sec. 8-174. Contracting License required.

It shall be unlawful for any person or business to perform electrical work, plumbing work or HVAC mechanical work or cause the same to be done unless such persons possess or are employed by a business that possesses a valid contracting license issued by the City Clerk for such work. For the purposes of this article the following definitions shall apply:

- (a) Electrical work shall include the installation, replacement, repair or alteration of disconnect, service or control equipment or of permanent premises electrical wiring, lighting, fixtures and/or utilization equipment or devices not otherwise connected by approved attachment cord and cap. Electrical work shall not include circuits and equipment operating at less than 50 volts, communication wiring or devices, or the repair of motors or utilization equipment.
- (b) Plumbing work shall include the installation, replacement, repair or alteration of water, wastewater, vent, hydronic and fuel gas piping, water heaters and boilers for both domestic potable water and environmental heating and their vents, medical gas systems, plumbing fixtures and appliances. Plumbing work shall not include the clearing of stoppages or the repair of plumbing appliances such, as but not limited to dishwashers, garbage disposals, water softeners or ice machines.
- (c) HVAC mechanical work shall include the installation, replacement, repair or alteration of any ventilation or exhaust system, chilled water systems, hydronic, refrigerant, fuel gas or condensate piping, water heaters and boilers for both domestic hot water and space heating, refrigeration systems including electrical disconnecting means immediately adjacent to remote condensers, incinerators or other miscellaneous heat-producing appliances or warm air heating systems whereby heating is accomplished by distributing heated air by forced or gravity circulation or by radiation. Mechanical work shall not include the installation or repair of solid-fuel appliances, cooking or clothes drying equipment, fully self-contained permanent electrical environmental heating and/or cooling appliances, or self-contained appliances or refrigeration equipment such as, but not limited to, ice machines, ice cream machines, walk-in coolers and freezers without remote condensers and other similar appliances which require only electrical and/or water hook-ups.

A licensed contractor shall be a master certified by the City in the trade for which licensing is sought or have in their full-time employ at all times a designated master certified by the City in the trade for which licensing is sought. For the purpose of this section, the master shall act as the designated master for only one contractors license in the trade for which they hold such certification.

Sec. 8-175. Trade license required.

It is further unlawful for any person to engage in the trade or otherwise perform plumbing work, electrical work or HVAC mechanical work as defined in section 8- within or on any building or premises within the city without first having secured a master, journeyman or apprentice license for the trade at which they are laboring and being in the employ of a licensed contractor.

Sec. 8-176. Classification of trade licenses.

- 1) *Master.* A master shall provide written certification of passage of the standard trade exam for Master as prescribed by the State of Kansas with a minimum score of 75%.
- 2) *Journeyman.* A journeyman shall provide written certification of passage of the standard trade exam for journeyman as prescribed by the State of Kansas with a minimum score of 75%.
- 3) *Apprentice.* Any person earning his livelihood as an plumber, electrician, or HVAC mechanic but who has not acquired the necessary longevity of experience to be eligible to become a journeyman, or who with the necessary longevity of experience has not passed the required journeyman examination, is hereby classified as an apprentice. An apprentice shall not work except when under the immediate supervision and direction of a licensed journeyman or master, properly licensed by the city. No person who has had his license revoked for cause, shall be allowed to work as an apprentice.

Sec. 8-177. Exemptions from contracting or trade licensing.

- (1) Any person working in or upon any building or premises owned and occupied by an agency of the state or federal government;
- (2) Any person operating as a public utility under franchise with the city, supplying power, communications or services may supply and maintain any measuring equipment installed by them, together with their overhead lines, so long as they remain the property of the utility company supplying the service;
- (3) Any person employed by the water and sewerage department shall be exempt from the provisions of this section when performing labor on property owned and maintained by the city;

- (4) A bona fide owner of a single-family dwelling being used exclusively as the owner's dwelling, including the usual accessory buildings, provided that said owner personally purchases and installs all material used in the construction, and further provided all other portions of this chapter are adhered to. The same shall apply to a new dwelling. When a permit is issued to an owner under this exemption, the exemption shall not be granted to the owner for any other address for a period of 1 year from the date the permit was issued.
- (5) Persons who own or are regularly employed by the property owner are exempt from the licensing requirement when they are performing work on the property that is exempt from the requirements for a permit. An appropriate license is required for all work that requires a permit.
- (6) Any person who has a currently valid mobile home craftsman license issued by the city while performing repairs or replacements to the systems located within a mobile home under the provisions of article IV of chapter 22;
- (7) Persons or firms who are installing private sewer mains or private water mains and who have a supervising employee on the job site at all times that has passed the Underground Utilities 331 test as given by Block and Associates/Experior shall be licensed as a Utility Contractor. The building code advisory and appeals board may also approve alternate tests. Minimum requirements for insurance will be the same as for a plumbing contractor.

DIVISION 2. General License and Registration requirements

Sec. 8-178. Insurance requirements for contractor licensing and registration

Each licensee or registrant shall procure and maintain in full force, for the duration of the license or registration, public liability insurance, with limits of not less than the maximum liability for claims which could be asserted against the city, for any number of claims arising out of a single occurrence or accident under the Kansas Tort Claims Act, as amended (currently five hundred thousand dollars (\$500,000.00)). Each registrant shall also procure and maintain in full force, for the duration of the registration, Workman's Compensation Insurance as required by the State of Kansas. Proof of coverage for all required insurance policies shall be on file with the city at all times. Each insurance policy shall contain a clause to the effect that the policy shall not at any time during the license or registration period be canceled or reduced, restricted or limited, unless the city license or registration period be canceled or reduced, restricted or limited, unless the city clerk's office is given ten (10) days written notice.

Sec. 8-179. Application required.

An applicant for license or registration shall complete and submit an application form available from the city clerk's office. The information to be provided includes the following:

- (1) The complete name, mailing address, street address, and telephone number of the proposed registrant or licensee.
- (2) An applicant for contractor licensing shall provide the complete name and certification number of the designated master.
- (3) Other pertinent information deemed necessary by the building official.

The application shall be accompanied by proof that the applicant is currently insured to meet the requirements of Section 8-178.

Sec. 8-180. Qualifications for Examination

Application for examination for trade licensing shall be made to the Building Services Department. Such application shall contain an affidavit verifying the following experience requirements;

- (a) *Master.* An applicant for the masters examination must certify a minimum of six (6) years of practical experience in the trade for which they seek licensure, doing the type of work they will be required to perform, supervise or direct. Two (2) years satisfactory work at an accredited trade school and five (5) years practical experience may be accepted in lieu of the foregoing requirements.
- (b) *Journeyman.* An applicant for the journeyman's examination must certify a minimum of four (4) years of practical experience in the trade for which they seek licensure, doing the type of work they will be required to perform. Two (2) years satisfactory work at an accredited trade school and three (3) years practical experience may be accepted in lieu of the foregoing requirements.

Sec. 8-181. Fee.

The registration or license fees and renewal fees shall be paid to the city clerk. All fees shall be as prescribed in section 2-2.

Sec. 8-182. Expiration, renewal, suspension of license or registration.

Unless renewed, each registration or license shall expire on the 31st day of December of the third year regardless of when the license was secured. The City Clerk may suspend any registration or license for the following reasons;

- (1) Failure to remit any required registration or license fees;
- (2) Failure to provide annual insurance certification.
- (3) Failure to maintain any required insurance.
- (4) Whenever a permit or inspection fee is required by this Chapter, and the fee is not paid on or before the tenth of the month following the issuance of a permit or the making of the inspection, the registration or license of the person liable for the fee shall be suspended until such time as the fee is paid.
- (5) The City Clerk may suspend a contractor license for failure to maintain a designated master.

Sec. 8-183. Deadline for renewal of license.

No renewal registration or license will be issued to any registrant or licensee after January thirty-first. Renewal requests received after that date will be handled as an initial application.

Sec. 8-184. Grandfathered Trade licenses.

Trade licenses issued by the City based on any test or criteria other than passage of the standard trade exam prescribed by the State of Kansas shall remain valid and in good standing until they expire or are revoked for cause. Upon expiration or revocation, the licensee must apply for a new license based on passage of the standard trade exam in order to continue to labor at the trade for which they seek licensure.

Sec. 8-185. Registration and License not transferable; misuse.

- (a) No Registrant or licensee shall allow his/her registration or license, by name or other identification, to be transferred, assigned, or used in any manner directly or indirectly, or for any purpose, by any person other than the licensee.
- (b) No person shall advertise in any manner implying or stating that they will provide services for work that requires a license or use the title or designation of any licensee regulated herein, unless licensed under the provisions of this article.

Sec. 8-186. License to be displayed.

Each registrant or contractor licensee must conspicuously post or display the registration or license in the public reception area of their place of business. Any person performing work for which a trade license is required shall have their license readily available at all times that work is being performed.

Sec. 8-187. Suspension and revocation.

- (1) Any license or registration provided for in this article may be suspended or revoked for cause by the city manager. Acts that may be deemed as sufficient cause for revocation or suspension of a license may include but are not limited to the following:
 - (a) Misrepresentation of a material fact in obtaining a license or registration.
 - (b) Fraudulent use of a person or firm's license or registration.
 - (c) A willful violation or repeated violations of the technical codes and other related city ordinances, or failure to comply with any lawful order of the building official.
 - (d) Negligence in providing reasonable safety measures for the protection of workers and the public.
 - (e) Bad faith or unreasonable delay in the performance of work.

(2) Each licensee or registrant shall be held responsible for the violation of these and other related regulations by the licensee or registrant by persons or subcontractors employed by the licensee or registrant. The building official shall notify the licensee or registrant in writing at any time the licensee or registrant is under consideration for suspension or revocation. A date, no less than ten (10) days after notification is mailed, will be established for a hearing before the city manager to which the licensee or registrant may appear and be heard. The city manager shall provide, in writing, his decision regarding the status of the licensee or registrant.

(3) Appeal. Any suspension or revocation of a license or registration may be appealed to the board of city commissioners by filing a notice of appeal with the city clerk's office. The appeal shall be heard by the board of city commissioners at their next regularly scheduled meeting. Any decision of the board of city commissioners shall be subject to appeal pursuant to applicable state law.

Sec. 8-188 – 8 –200. Reserved.

ARTICLE IV. CODE FOR ABATEMENT OF DANGEROUS BUILDINGS

Sec. 8-201. Uniform Code for the Abatement of Dangerous Buildings adopted.

There is hereby adopted, by reference, by the city for the purpose of providing minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the abatement of dangerous buildings within the city, that certain building code known as the Uniform Code for the Abatement of Dangerous Buildings, recommended and published by the International Conference of Building Officials, being particularly the 1997 Edition thereof, including the appendices thereto, of which not fewer than three (3) copies have been and now are filed in the office of the city clerk, and the same is hereby incorporated as fully as if set out at length herein and the provisions thereof shall be controlling in the abatement of dangerous buildings within the corporate limits of the city.

State law references: Authority to incorporate standard codes by reference, K.S.A. 12-3009 et seq.

Secs. 8-201 – 8-220. Reserved.

ARTICLE V. STRUCTURES DAMAGED BY FIRE, EXPLOSION, OR WINDSTORM

Sec. 8-221. Authorization.

The city is hereby authorized to utilize the procedures established by K.S.A. 40-3901 et seq., whereby no insurance company shall pay a claim of a named insured for loss or damage to any building or other structure located within the city, arising out of any fire, explosion, or windstorm, where the amount recoverable for the loss or damage to the building or other structure under all policies is in excess of seventy-five (75) percent of the face value of the policy covering such building or other insured structure, unless there is compliance with the procedures set out in this article.

Sec. 8-222. Procedure.

- (a) When final settlement on a covered claim has been agreed to or arrived at between the named insured and the company and final settlement exceeds seventy-five (75) percent of the face value of the policy covering any building or other insured structure, and when all amounts due to the holder of a first real estate mortgage against the building or other structure, pursuant to the terms of the policy and endorsements thereto, shall have been paid, the insurance company shall execute a draft payable to the director of finance in an amount equal to the sum of fifteen (15) percent of the covered claim payment unless the building official of the city has issued a certificate to the insurance company that the insured has removed the damaged building or other structure, as well as all associated debris, or replaced, rebuilt, or otherwise made the premises safe and secure.
- (b) Such transfer of funds shall be on a pro rata basis by all companies insuring the building or other structure. Policy proceeds remaining after the transfer to the city shall be disbursed in accordance with the policy terms.
- (c) Upon the transfer of funds as required by subsection (a) of this section, the insurance company shall provide the city with the name and address of the named insured, the total insurance coverage applicable to said building or other structure, and the amount of the final settlement agreed to or arrived at between the insurance company and the insured whereupon the building official shall contact the named insured by registered mail, notifying them that the insurance proceeds have been received by the city and apprise them of the procedures to be followed under this article.

Sec. 8-223. Fund created; deposit of moneys.

The director of finance is hereby directed to create a fund to be known as the "Insurance Proceeds Fund." All moneys received by the director of finance as provided for by this article shall be placed in that fund and deposited in an interest-bearing account.

Sec. 8-224. Building inspector; investigation, removal of structure.

- (a) Upon receipt of moneys as provided for by this article, the director of finance shall immediately notify the building official of the receipt, and transmit all documentation received from the insurance company to the building official.
- (b) Within twenty (20) days of the receipt of the moneys, the building official shall determine, after prior investigation, whether the city shall instigate proceedings under the provisions of K.S.A. 12-1750 et seq., as amended.
- (c) Prior to the expiration of the twenty (20) days established by subsection (b) of this section, the building official shall notify the director of finance whether he or she intends to initiate proceedings under K.S.A. 12-1750 et seq., as amended.
- (d) If the building official has determined that proceedings under K.S.A. 12-1750 et seq., as amended, shall be initiated, he or she will do so immediately but no longer than thirty (30) days after receipt of the moneys by the director of finance.
- (e) Upon notification to the director of finance by the building official that no proceedings shall be initiated under K.S.A. 12-1750 et seq., as amended, the director of finance shall pay all such moneys received, plus interest, to the insured as identified in the communication from the insurance company.

Sec. 8-225. Removal of structure.

If the building official determines that it is necessary to act under K.S.A. 12-1750 et seq., as amended, with regard to a building or other structure damaged by fire, explosion, or windstorm, any proceeds received by the director of finance under the authority of section 8-501(a) relating to that building or other structure shall be used to reimburse the city for any expenses incurred by the city in repairing or removing the building or other structure. All moneys in excess of that which is ultimately necessary to comply with the provisions for the repair of the building or other structure, less salvage value, if any, shall be paid to the insured. Should the expenses incurred by the city exceed the insurance proceeds paid to the director of finance under section 8-501(a) the excess expenses incurred shall be assessed against the property and paid and collected in the manner provided by K.S.A. 12-1755, as amended.

Sec. 8-226. Relation to insurance policies.

This article shall not make the city a part to any insurance contract, nor is the insurer liable to any party for any amount in excess of the proceeds otherwise payable under its insurance policy.

Sec. 8-227. Insurers; liability.

Insurers complying with this article or attempting in good faith to comply with this article shall be immune from civil or criminal liability and such action shall not be deemed in violation of K.S.A. 40-2404 and any amendments thereto, including withholding payment of any insurance proceeds pursuant to this article, or releasing or disclosing any information pursuant to this article.

Sec. 8-228. Regulations authorized.

The city manager is hereby authorized to promulgate any further regulations necessary to implement the provisions of this article.

Sec. 8-229 – 8-235. Reserved.

ARTICLE VI. SIGN CODE

Sec. 8-236. General.

All signs located outside of buildings shall conform to the requirements of Appendix Chapter H of the 2003 International Building Code as published by the International Code Council and to Chapter 42 Article X of the Salina Municipal Code of Ordinances, for the purpose of providing minimum standards to safeguard life or limb, health, property and public welfare.

Sec. 8-237. Permit required.

No advertising sign shall hereafter be hung or erected until after a permit to hang, erect or locate the same has been obtained from the building official. No sign erected or constructed prior to the adoption of this code shall be relocated, rebuilt or remodeled without coming into compliance with

the provisions hereof and until after a sign permit has been obtained to effect such alteration or relocation.

Sec. 8-238. Signs exempt from permit.

Permits shall not be required for signs meeting the exemption requirements of sections 42-504, 42-505 and 42-508 of Chapter 42 of the Salina Municipal Code of Ordinances.

Sec. 8-239. Application.

An applicant for permit shall complete and submit an application form available from the Building Services Department. The information to be provided shall include, but is not limited to, the following:

1. Address where the sign will be installed or altered.
2. Name of the property owner.
3. Name of the registered sign installer.
4. Name of licensed electrical contractor for lighted signs.
5. Type and area of proposed sign.

Sec. 8-240. Signs permit fees.

Any person desiring a permit under the provisions of this section shall, at the time of receiving such permit, pay to the city the fee as prescribed in section 2-2.

Secs. 8-241 – 8-245. Reserved.

ARTICLE VII. RESERVED.

Secs. 8-245 – 8-280. Reserved.

ARTICLE VIII. RESERVED.

Secs. 8-281 – 8-330. Reserved.

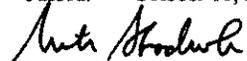
ARTICLE IX. RESERVED.

Secs. 8-331 – 8-350. Reserved.”

Section 2. That Articles I through IX of Chapter 8 of the Salina Code are hereby repealed.

Section 3. That this ordinance shall be in full effect from and after its adoption and publication once in the official city newspaper.

Introduced: July 12, 2004
Passed: October 11, 2004


Monte Shadwick, Mayor

ATTEST:
[SEAL]


Lieu Ann Elsey, CMC, City Clerk