

AN ORDINANCE

AMENDING Chapter 18 of Municipal Code of the City of Winfield by the repeal of Section 18- 61 thru Section 18-220 of said Chapter and the adoption in lieu thereof of a new Chapter 18 Section 18- 61 thru Section 18-220.

WHEREAS, the Building Trades Board of the City of Winfield recommended approval of proposed changes to the building codes of the City on August 17, 2017 pursuant to Sec. 2-463 of the Municipal Code of the City of Winfield,

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF WINFIELD, KANSAS, THAT:

Section 1. Chapter 18 Section 18- 61 thru Section 18-220 of the Municipal Code of the City of Winfield shall read as follows:

ARTICLE III. - BUILDING CODE

Sec. 18-61. - Adopted by reference—2015 International Building Code.

The 2015 International Building Code including Appendix F, H & J is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-3302, and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-62. - Amendments/revisions.

The following parts or portions of the 2015 International Building Code are hereby amended and/or revised:

- (1) Section 101.1 insert: City of Winfield, Kansas.
- (2) Section 109.2 insert: See Section 34-18 of the City Municipal Code for applicable fee schedule.
- (3) Section 113.1 insert: The Building Trades Board of the City of Winfield, Kansas [The Board] is hereby appointed as the appeals board to hear any appeals made on decisions of the city code official.
- (4) Section 903.2.1.2, condition 2 is amended to read: The fire area has an occupant load of 200 or more.
- (5) Section 907.2.1 is amended to read: A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 100 or more. Portions of Group E occupancies

occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler waterflow.

- (6) Section 1507.2.1 is amended by adding the definition of solid sheathing to that section as follows:

Solidly sheathed decks defined in this section shall be of 4x8 plywood or OSB sheathing of minimum thickness per Table 2304.8(3) Allowable Spans And Loads For Wood Structural Panels For Roof And Subfloor Sheathing And Combination Subfloor Underlayment or well-seasoned tongue-and-grove boards, not over 6 inches in nominal width and shall be 1 1/4 inch nominal minimum thickness and properly spaced and nailed.

- (7) Section 1612.3 insert: City of Winfield, and October 19, 2010.

- (8) Section 1809.5.1 is amended to read: Extending six inches below the frost line of the locality.

Sec. 18-63. - Deletions.

The following parts or portions of the 2015 International Building Code are hereby deleted:

- (1) Section 101.4.6 Energy.

Secs. 18-64—18-80. - Reserved.

ARTICLE IV. - RESIDENTIAL CODE

Sec. 18-81. Adopted by reference—2015 International Residential Code for one- and two-family dwellings.

The 2015 International Residential Code for One- and Two- Family Dwellings including Appendix A, thru J and Appendix M thru P is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-3302, and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-82. - Amendments/revisions.

The following parts or portions of the 2015 International Residential Code for One- and Two-Family Dwellings are hereby amended and/or revised:

- (1) Section R101.1 insert: City of Winfield, Kansas.
(2) Section R108.2 insert: See section 34-18 for applicable fee schedule.

- (3) Section R112.1 insert: The Building Trades Board of the City of Winfield, Kansas [The Board] is hereby appointed as the appeals board to hear any appeals made on decisions of the city code official.

- (4) Table R301.2(1) Climatic and Geographic Design Criteria, insert:

<input type="checkbox"/>	Roof Snow Load	15 lb./sq. ft.
<input type="checkbox"/>	Wind Speed	115 mph
<input type="checkbox"/>	Topographic Effects	No
<input type="checkbox"/>	Special Wind Region	No
<input type="checkbox"/>	Wind-borne debris zone	No
<input type="checkbox"/>	Seismic Design Category	A
<input type="checkbox"/>	Weathering	Severe
<input type="checkbox"/>	Frost Line Depth	24 inches
<input type="checkbox"/>	Termite Hazard	Moderate to Heavy
<input type="checkbox"/>	Winter Design Temperature	0 degrees
<input type="checkbox"/>	Ice Shield Underlayment Required	No
<input type="checkbox"/>	Flood Hazard Criteria	FIRM October 19, 2010
<input type="checkbox"/>	Air Freezing Index	600
<input type="checkbox"/>	Mean Annual Temperature	58 Degrees Fahrenheit

- (5) Section R313 Automatic Fire Sprinkler Systems is amended by replacing the word shall with the word may in sections R313.1 and R313.2.

- (6) Section R403.1.4.1. Frost Protection, is amended to read:

Frost Protection. Except where otherwise protected from frost, foundation walls, piers and other permanent supports of building and structures shall be protected from frost by one or more of the following methods:

- a. Extended six (6) inches below the frost line specified in Table R301.2.(1);
- b. Constructing in accordance with Section R403.3;
- c. Constructing in accordance with ASCE32; or
- d. Erected on solid rock.

Exceptions:

1. Protection of freestanding *accessory structures* with an area of 250 square feet or less and eave height of 10 feet or less shall not be required to be protected.
2. Freestanding accessory structures built using post and beam construction shall have interior concrete floor protected from frost heave by extending the edge of

the floor a minimum of twelve (12) inches below the finished exterior grade. The thickened slab may be placed on the outer edge of a concrete sidewalk that surrounds the structure.

3. Decks less than 30 inches off the surrounding grade which are not supported by a dwelling need not be provided with footings that extend below the frost line.
- (7) Section R507 is amended to read as follows: R507 Decks. The "Winfield, Wellington & Ark. City Standard for Residential Wood Framed Decks" may be used to design and construct decks to comply with the requirements of this section. Decks which fall outside of the scope of the standard will require design by a Kansas licensed architect or engineer. Where supported by attachment to an exterior wall, decks shall be positively anchored to the primary structure and designed for both vertical and lateral loads as applicable. Such attachment shall not be accomplished by the use of toenails or nails subject to withdrawal. Where positive connection to the primary structure cannot be verified during inspection, decks shall be self-supporting. For decks with cantilevered framing members, connections to exterior walls or other framing members, shall be designed and constructed to resist uplift resulting from the full live load specified in Table R305.1 acting on the cantilevered portion of the deck.
- (8) Section R905.2.1 Sheathing requirements is amended by adding the following to the sentence: Solidly sheathed decks defined in this section shall be of 4 x 8 plywood or OSB sheathing of minimum thickness per Table R503.2.1(1) Allowable spans And Loads For Wood Structural Panels for Roof And Subfloor Sheathing And combination Subfloor Underlayment or well- seasoned tongue -and-grove boards, not over 6 inches in nominal width and shall be 1 1/4 inch nominal minimum thickness and properly spaced and nailed.
- (9) Section R908.3.1.1 is amended by deleting Condition: 3. Where the existing roof has two or more applications of any type of roof covering.
- (10) Section M1602.2 Return Air Openings is amended by deleting: 2. The amount of return air taken from any room or space shall be not greater than the flow rate of supply air delivered to such room or space.
- (11) Section M2003.2 Minimum Capacity. is amended by adding the phrase to the end of the sentence; or as determined by the design professional.
- (12) Section G2412 General, is amended by adding two new sections:

Section G2412.11. Location of gas service meter. A suitable location along the exterior building wall shall be provided for the city's gas meter set which is safe from damage and is accessible for the reading operations and maintenance.

Section G2412.12 Fuel gas piping inlet—Location.

 1. The location of the fuel gas inlet shall allow for the meter set to be located within five (5) feet of the building corner closest to the gas utility main line.

All meters located at the building will feed left to right. The fuel gas piping inlet and meter riser must be located a minimum of one (1) foot from the corner of the building. An allowance of 16 inches to the left of the fuel gas inlet is required for the installation the gas utilities service riser and meter set.

3. The fuel gas piping inlet and meter regulator shall not be located within three (3) feet of electrical transformers, other electrical equipment, operable window, foundation vent, fireplace, chimney or other heat or spark generating devices.
 4. Fuel gas inlet pipe shall be extended a minimum of 8 inches from the face of the exterior wall finish.
- (13) Section G2414.5 (403.5) Metallic Tubing, is amended to read: Steel tubing shall be permitted to be used with gases not corrosive to such material.
- (14) Section G2417.1.4 (406.1.4) Section Testing, is amended by deleting the sentence: Under no circumstances shall a valve be used as a bulkhead between gas in one section of the piping system and test medium in an adjacent section.
- (15) Section P2502.1 Existing building sewers and drains, is amended to read: Existing building sewers and drains shall be used in connection with new systems when found by examination and/or test to conform to the requirements prescribed by this document.
- (16) Section P2503.4 Building sewer testing, is amended to read: The building sewer may be tested by insertion of a test plug at the point of connection with the public sewer, filling the building sewer with water and pressurizing the sewer to not less than 10-foot (3048 mm) head of water. The test pressure shall not decrease during a period of not less than 15 minutes. The building sewer shall be watertight at all points.
- (17) Section P2603.4 is amend the last sentence to read : The sleeve shall have an inside diameter of at least one-half inch (1/2") larger than the outside diameter of the pipe passing through it.
- (18) Section P2603.5.1 insert "12 inches" and "12 inches."
- (19) Section P2801.6.1 Pan size and drain, is amended by striking the reference to Table P2906.5 and inserting Table P2906.4.
- (20) Section P2906.4.1 Separation of water service and building sewer, is amended by amending the last sentence of the section to read. The required separation distance shall not apply where the bottom of the water service pipe that is located within 5 feet (1524 mm) of the sewer is not less than 24 inches (610 mm) above the highest point of the top of the building sewer.
- (21) Section P2906.4, is amended by adding new section:
- Section 2906.4.2 Tracer wire. For the purpose of locating the building service lines, all new or replacement, installations using non-metallic pipe or tubing shall have a #10 copper conductor, or equivalent, tracer wire install with the service line. The tracer wire shall be installed as follows:
- Water line. The tracer wire shall extend from six (6) inches above the meter box cover through the meter box to the point where it enters the building, where it shall be connected to a one half (1/2) pound anode or larger.
- Yard hydrant. The tracer wire shall extend from six (6) inches above the surface of the ground at the back flow device to the point of connection to the water service, where it shall be connected to an existing tracer wire or grounded to a one half (1/2) pound anode or larger.

Lawn sprinkler. The tracer wire shall extend from six (6) inches above the surface of the ground at the back flow device to the point of connection to the water service, where it shall be connected to an existing tracer wire or grounded to a one half (1/2) pound anode or larger.

Exception: The tracer wire may be omitted on lawn sprinkler piping installed after the back flow device located on private property.

- (22) Section P2906.5 Hot and cold water branch lines, is amended by added the following sentence: Hot and cold water branch lines connected to the within 18 inches of the water heater connection shall be of brass, K, L or M copper or galvanized steel or an approved metallic water heater connector.
- (23) Section P3002.2 Building Sewer, is amended by adding new section: Section P3002.2.2 Tracer wire. For the purpose of locating building sewers, all new installations and replacements shall have a #10 copper conductor, or equivalent, tracer wire installed with the sewer. The tracer wire shall extend from the surface of the ground at the cleanout to the tap, where it shall be connected to an existing tracer wire or grounded to a one half (1/2) pound anode or larger at the sewer tap or at the downstream end of the replaced sewer line.
- (24) Section 3005.2.6 Cleanout plugs is amended to read: Cleanout plugs shall be copper alloy, plastic or other *approved* materials. Cleanout plugs for borosilicate glass piping systems shall be of borosilicate glass. Brass cleanout plugs shall conform to ASTM A74. Plastic cleanout plugs shall conform to the referenced standards for plastic pipe fittings as indicated in Table P3002.3. Cleanout plugs shall have a raised square head, a countersunk square head or a countersunk slot head. Where a cleanout plug will have a trim cover screw installed into the plug, the plug shall be manufactured with a blind end threaded hole for such purpose.
- (25) Section P3114.3 Where permitted, is amended by adding the follow statement: Permission shall be required from the building official and noted on the Plumbing Permit.
- (26) E3406.3 Minimum size of conductors is amended to read as follows: The minimum size of conductors for feeders and branch circuits shall be 12 AWG copper and 6 AWG aluminum. The minimum size of service conductors shall be as specified in Chapter 36. The minimum size of Class 2 remote control, signaling and power-limited circuits conductors shall be as specified in Chapter 43. [310.106(A)]
- (27) Section E3601.6.2 Service disconnect location, is amended to read: The service disconnecting means with overcurrent protection shall be installed at a readily accessible location outside of the building. Each occupant shall have access to the disconnect serving the dwelling unit in which they reside.
- (28) Section E3604.2.2 Vertical Clearance from grade, is amended to read:

E.3604.2.2 Vertical clearance from grade. Overhead service or feeder conductors shall have the following minimum clearances from final grade:

 - 1. For conductors supported on and cabled together with a grounded bare messenger wire, the minimum vertical clearance shall be 10 feet (3048 mm) at the electric service or feeder entrance to buildings or structures, at the lowest point of the drip

loop of the structure electric entrance, and above areas or sidewalks accessed by pedestrians only. Such clearance shall be measured from final grade or other accessible surfaces.

2. Twelve feet (3658 mm)—over residential property or sidewalks accessed by pedestrians only.

3. Fifteen feet (4500mm) - over residential property or residential driveways subject to vehicular traffic.

4. Eighteen feet (5486 mm)—over public streets, alleys, roads or parking areas subject to truck traffic.

[(230.24(B)(1), (2), (3) and (4)]

(29)Section E3604.5.1 Strength, is amended to read:

The service mast shall be of adequate strength or shall be supported by braces or guys to safely withstand the strain imposed by the service-drop or overhead service conductors and in no case be smaller than 2 inch ridged conduit . Hubs intended for use with a conduit that serves as a service mast shall be identified for use with service-entrance equipment.

(30)Section E3608.1 Grounding electrode system, is amended by adding the following statement:

On all new construction, one or more of the electrodes specified in E3608.1.1 through E3608.1.3 shall be made available.

(31)Table E3702.14 Branch Circuit Requirements-Summary, Circuit Rating 15 amp: Conductor is amended by: Delete #14 & Insert #12

(32)Section E3706 Panelboards, is amended by adding new section: Section E3706.6 Panelboard Size. The panelboard shall be of a size large enough to allow the installation of all circuit overcurrent devices required for the present installation and at least two (2) additional spaces for two hundred twenty (220) volt two-pole circuit overcurrent devices (4 spaces) for future use.

(33)Section E4002.14 Tamper-resistant receptacles, is amended by adding a new exception:
4. A single or duplex receptacle used for counter top appliance or other electric devices where such receptacles are located over a standard height and size counter top.

Sec. 18-83. - Deletions.

The following sections of the International Residential Code, 2015 Edition are deleted:

(1) Section R303.4 Mechanical Ventilation.

(2) Chapter 11 Energy Efficiency.

(3) Section M1411.8 Locking access port caps.

(3) Section G2414.5.2 (403.5.2) Copper, copper alloy tubing.

Secs. 18-84—18-100. - Reserved.

ARTICLE V. - ELECTRICAL CODE

Sec. 18-101. - Adopted by reference—2014 National Electrical Code.

The 2014 National Electrical Code including Annex H (Article 80) is incorporated by reference pursuant to the provisions of K.S.A. 12-3009 —12-3012 and K.S.A. 12-3301 and 12-3302, and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-102. - Amendments/revisions.

The following parts or portions of the 2014 National Electric Code and Annex H are hereby amended and/or revised:

Article 80 Administration and Enforcement (Annex H) is amended in the following respects:

- (1) Article 80.15 (A) thru (F), is deleted and amended to read: The Building Trades Board of the City of Winfield, Kansas is hereby appointed as the [The Board].
- (2) Article 80.19 (F) (3) insert: 2 business.
- (3) Article 80.23 (B) (3) insert: one hundred, 100.00, five hundred, 500.00, one, 1, thirty, 30.
- (4) Article 80.25 (C) insert: 2
- (5) Article 80.29 Insert: jurisdiction
- (6) Article 80.35 Insert: thirty, 30.

Article 210, Branch Circuits, is amended in the following respects:

(1).Article 210.19 Conductors—Minimum Ampacity and Size. (1) General, is amended to read :

Branch circuit and small feeder conductors shall be of No. 12 A.W.G. or larger and shall be copper. Exception: No. 6 or larger stranded aluminum or copper clad aluminum may be used when properly treated against corrosion with an approved compound and used with approved connectors. Branch-circuit conductors shall have an ampacity not less than the maximum load to be served. Conductors shall be sized to carry not less than the larger of 210.19 (A)(1)(a) or (b).

(a) Where a branch circuit supplies continuous loads or any combination of continuous and noncontinuous loads, the minimum branch-circuit conductor size shall have an allowable ampacity not less than the noncontinuous load plus 125 percent of the continuous load.

(b) The minimum branch-circuit conductor size shall have an allowable ampacity not less than the maximum load to be served after the application of any adjustment of correction factors.

Exception: If the assembly, including the overcurrent devices protecting the branch-circuit(s), is listed for operation at 100 percent of its rating, the allowable ampacity of

the branch-circuit conductors shall be permitted to be not less than the sum of the continuous load plus the noncontinuous load.

- (2) Table 210.24 Summary of Branch-Circuit Requirement, Circuit Rating 15 A - Circuit wires, is amended by deleting 14 and inserting 12.

Article 225, Outside Branch Circuits and Feeders is amended in the following respects:

- (1) Article 225.17 Masts as Support is amended to read.
Only feeder or branch-circuit conductors specified within this section shall be permitted to be attached to the feeder and/or branch-circuit mast. Mast used for the support of final spans of feeders or branch circuits shall be a minimum of two (2) inch galvanized rigid steel or greater and shall be installed in accordance with 225.17(A) and (B).
- (2) Article 225.18 is amended by amending item (2) to read as follows:
(2) 4.5 m (15 ft) - over residential property and driveways and those commercial areas not subject to truck traffic where the voltage does not exceed 300 volts to ground.

Article 230, Services is amended in the following respects:

- (1) Article 230.24, Clearances, (B) Vertical Clearance from Ground, is amended by amending item (2) to read as follows:
(2) 4.5 m (15 ft) - over residential property and driveways and those commercial areas not subject to truck traffic where the voltage does not exceed 300 volts to ground.
- (2) Article 230.28, Service Masts as Supports, is amended to read as follows:
Only power service-drop or overhead service conductors specified within this section shall be permitted to be attached to the service mast. Service mast used for the support of final spans of service drop or overhead service conductors shall be a minimum of two (2) inch galvanized rigid steel or greater and shall be installed in accordance with 230.28 (A) and (B).
- (3) Article 230.31 (A) General, is amended by adding the following sentence:
Underground service-lateral conductors for 200 ampere services or larger may be installed provided that written approval from local utility provider is received and shall be installed according to the local utility provider's 'Typical Permanent Underground Service' details.
- (5) Article 230.43, Wiring Methods for 600 Volts, Nominal, Or Less, is amended by deleting the following categories:
(1) Open wiring on insulators;
(2) Type IGS cable;
(6) Electrical Nonmetallic tubing (ENT);
(7) Service-entrance cables;
(13) Type MC Cable;

- (14) Mineral-insulated, metal-sheathed cable;
- (16) liquid-tight flexible nonmetallic conduit.

(6) Article 230.70, (A) (1) Readily Accessible Location, is amended to read as follows:

The service disconnect shall be installed at a readily accessible location outside of the building either directly below or adjacent to the meter socket.

Exception: A shunt trip main breaker may be used when written approval is given by the Fire Marshal and Building Official. Location of the shunt trip push button shall be located in a readily accessible location approved by the Fire Marshal.

Article 334 Nonmetallic-Sheathed Cable: Types NM, NMC, and NMS, is amended in the following respects:

(1) Article 334.10 Uses Permitted, is amended by deleting the following item: (3)

Article 362 Electric Nonmetallic Tubing: Type ENT, is amended in the following respects:

(1) Article 362.10 Uses Permitted, is amended to read as:

The use of ENT and fittings may be used for the installation of communication and data cables where enclosed in chases or wall cavity.

Article 406 Receptacles, Cord Connectors, and Attachment Plugs (Caps), is amended in the following respects:

(1) Article 406.12 Tamper-Resistant Receptacles, is amended by added a new exception.

Exception: 5. A single or duplex receptacle used for counter top appliance or other electric devices where such receptacles are located over a standard height and size counter top.

Article 408 Switchboards and Panelboards, is amended in the following respects:

Article 408.54 Number of Overcurrent Devices is amended by adding the following sentence:

The panelboard shall be of a size large enough to allow the installation of all circuit overcurrent devices required for the present installation and at least two (2) additional spaces for two hundred twenty (220) volt two-pole circuit overcurrent devices (4 spaces) for future use or two (2) additional spaces for two 3-pole overcurrent devices (6 spaces) for 3 phase panels for future use.

Sec. 18-103. - Deletions.

The following sections of the 2014 edition of the National Electric Code are deleted:

a. Article 80.27 Inspector's Qualifications

Secs. 18-104—18-120. - Reserved.

ARTICLE VI. - PLUMBING CODE

Sec. 18-121. - Adopted by reference—2015 International Plumbing Code.

The International Plumbing Code 2015 Edition and Appendix Chapter C, and E is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-3302 and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-122. - Amendments/revisions.

The following parts or portions of the International Plumbing Code, 2015 Edition are amended and/or revised:

- (1) Section 101.1 insert: City of Winfield, Kansas.
- (2) Section 106. 6.2 insert: See section 34-18 for applicable fee schedule.
- (3) Section 106. 6.3 insert: 75%.
- (4) Section 108.4 insert: Misdemeanor, \$500.00, 30 days.
- (5) Section 108.5 insert: \$100.00, 2000.00.
- (6) Section 109.2 is amended to read: The Building Trades Board of the City of Winfield [The Board] is hereby appointed as the "Appeals Board" to hear any appeals made on decisions of the City Code Official.
- (7) Section 109.6, is amended to read: The Board may modify or reverse the decision of the Code Official by majority vote of a Quorum.
- (8) Section 305.5 Pipes through or under footings or foundation walls, amended to read: Any pipe that passes under a footing or through a foundation wall shall be provided with a relieving arch, or a pipe sleeve pipe shall be built into the foundation wall. The sleeve shall be at least one half (½) inch larger than the pipe passing through the wall.
- (9) Section 305.6.1 insert: 12, 12
- (10) Section 503, is amended by adding new section:

Section 503.3 Hot and cold water branch lines. Hot and cold water branch lines connected to and within 18 inches of the water heater connection shall be of brass, K, L or M copper, galvanized steel or an approved metallic water heater connector.
- (11) Section 603.2, is amended by amending the last sentence to read: The required separation distance shall not apply where the bottom of the water service piping, located within 5 feet of the sewer, is not less than 24 inches above the highest point of the top of the building sewer.
- (12) Section 603 is amended by adding: Section 603.3 Tracer wire. For the purpose of locating the building service lines, all new or replacement, installations using non-metallic pipe or

tubing shall have a #10 THHN, or equivalent, tracer wire install with the service line. The tracer wire shall be installed as follows:

Water line. The tracer wire shall extend from six (6) inches above the meter box cover through the meter box to the point where it enters the building, where it shall be connected to a one half (½) pound anode or larger.

Yard hydrant. The tracer wire shall extend from six (6) inches above the surface of the ground at the yard hydrant to the point of connection to the water service, where it shall be connected to an existing tracer wire or grounded to a one half (½) pound anode or larger.

Lawn sprinkler. The tracer wire shall extend from six (6) inches above the surface of the ground at the back flow device to the point of connection to the water service, where it shall be connected to an existing tracer wire or grounded to a one half (½) pound anode or larger.

Exception: The tracer wire may be omitted on lawn sprinkler piping installed after the back flow device located on private property.

- (13) Section 608.1, is amended by adding: In addition to the requirements covered by this section; all water supply systems connected to the public water system shall comply with Article IV Water Supply Cross Connections Sections 78-141 thru Section 78-174.
- (14) Section 608.15.4, is amended by adding: Section 608.15.4.3 Yard Hydrants. When installed, water piping shall be ridge type "K" copper, brass or galvanized pipe for a distance of 6 inches on both sides of hydrant (freeze proof) or a minimum 6 inch extension of type "K" copper, brass or galvanized pipe attached before yard hydrant (freeze proof). Adequate rock or gravel shall be installed at the base of the hydrant to allow for a drainage field for the hydrant drain. Hydrants shall be fitted with a non-removable hose bib vacuum breaker and the weep hole shall be fitted with a 1/8 inch ell and a short nipple. Hydrants shall be supported by steel tee post and attached to the tee post by a minimum 2 stainless steel bands . Bands shall be installed 6 inches above finished grade and within 6 inches of the hydrant head.
- (15) Section 703.1, is amended to read: Where the building sewer is installed within 5 feet (1524 mm) of the water service, as provided for in Section 603.2, the building sewer pipe shall conform to one of the standards for ABS plastic pipe, copper or copper-alloy tubing, or PVC plastic pipe listed in Table 702.3.
- (16) Section 703, is amended by adding new section:

Section 703.7, Tracer wire. For the purpose of locating building sewers, all new installations and replacements shall have a #10 THHN, or equivalent, tracer wire installed with the sewer. The tracer wire shall extend from the surface of the ground at the cleanout to the tap, where it shall be connected to an existing tracer wire or grounded to a one half (½) pound anode or larger.
- (17) Section 715.1 Sewage backflow is amended to read; All new or replacement building sewer shall include a backflow prevention device. The backflow prevention device shall be installed as close to the building as is practical and upstream of the cleanout, and

shall be made accessible for periodic cleaning by the building owner. Or when the back flow device is installed in the building drain. All fixtures shall be protected by a backwater valve before discharging to the building sewer.

715.1.1 Existing building sewers. When repairs to an existing building include the removal of a house trap or replacement of 5 feet of drain line and or installation of a cleanout the backflow prevention device shall be installed as close to the building as is practical and upstream of the cleanout.

Exception: Backflow prevention device may only be omitted if approved by the authority having jurisdiction.

(18) Section 903.1 insert: six inches (6)

(19) Section 918.3, is amended by adding: When permitted, permission shall be required from the building official and noted on the Plumbing Permit.

Sec. 18-123. - Deletions.

The following sections of the International Plumbing Code, 2015 Edition are deleted:

- (1) Section 109.2.1 Qualifications.
- (2) Section 109.2.2 Alternate members.
- (3) Section 109.6.1 Resolution.

Secs. 18-124—18-140. - Reserved.

ARTICLE VII. - FUEL GAS CODE

Sec. 18-141. - Adopted by reference—2015 International Fuel Gas Code.

The International Fuel Gas Code 2015 Edition and all Appendix Chapters, is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-3302 and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-142. - Amendments/revisions.

The following parts or portions of the International Fuel Gas Code 2015 Edition are amended and/or revised:

- (1) Section 101.1 insert: City of Winfield, Kansas.
- (2) Section 106.6.2 insert: See section 34-18 for applicable fee schedule.
- (3) Section 106.6.3 insert: 75%, 75%.
- (4) Section 108.4 insert: Misdemeanor, \$500.00, 30 days.
- (5) Section 108.5 insert: \$100.00, 2000.00.

- (6) Section 109.2, is amended to read: The Building Trades Board of the City of Winfield [The Board] is hereby appointed as the "Appeals Board" to hear any appeals made on decisions of the City Code Official.
- (7) Section 109.6 Board decision., is amended to read: The Board may modify or reverse the decision of the Code Official by majority vote of a Quorum.
- (8) Section 403.5 is amended to read; Seamless aluminum alloy an steel tubing shall not be used with gases corrosive to such materials.
- (9) Section 406.1.4 Section Testing, is amended by deleting the sentence: Under no circumstances shall a valve be used as a bulkhead between gas in one section of the piping system and test medium in an adjacent section, except where a double block and bleed valve system is installed.

Sec. 18-143. - Deletions.

The following sections of the International Fuel Gas Code 2015 Edition are deleted:

- (1) Section 109.2.1 Qualifications.
- (2) Section 109.2.2 Alternate members.
- (3) Section 109.6.1 Resolution.
- (4) Section 403.4.3 Copper and brass.
- (5) Section 403.5.2 Copper and brass tubing.

Sec. 18-144. - Location of gas service meter.

A suitable location along the exterior building wall shall be provided for the city's gas meter set which is safe from damage and is accessible for the reading operations and maintenance.

- (1) The location of the fuel gas inlet shall allow for the meter set to be located within five feet of the building corner closest to the gas utility main line.
- (2) All meters located to the building will feed left to right. The fuel gas piping inlet and meter riser must be located a minimum of one foot from the corner of the building.
- (3) The fuel gas piping inlet and meter regulator shall not be located within three feet of electrical transformers, other electrical equipment, operable window, foundation vent, fireplace, chimney or other heat generating devices.

Secs. 18-145—18-160. - Reserved.

ARTICLE VIII. - MECHANICAL CODE

Sec.18-161. - Adopted by reference 2015 International Mechanical Code.

The International Mechanical Code 2015 Edition and Appendix Chapter A, is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-

3302 and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-162. - Amendments/revisions.

The following parts or portions of the International Mechanical Code 2015 Edition are amended and/or revised:

- (1) Section 101.1 insert: City of Winfield, Kansas.
- (2) Section 106.5.2 insert: See section 34-18 for applicable fee schedule.
- (3) Section 106.5.3 insert: 75%, 75%.
- (4) Section 108.4 insert: Misdemeanor, \$500.00, 30 days.
- (5) Section 108.5 insert: \$100.00, \$2000.00.
- (6) Section 109.2, is amended to read: The Building Trades Board of the City of Winfield [The Board] is hereby appointed as the "Appeals Board" to hear any appeals made on decisions of the City Code Official.
- (7) Section 109.6, is amended to read: The Board may modify or reverse the decision of the Code Official by majority vote of a Quorum.
- (8) Section 601.5 Return Air Openings is amended by deleting item 3. The amount of return air taken from any room or space shall be not greater than the flow rate of supply air delivered to such room or space.
- (9) Section 1009.2 Closed-type expansion tanks, is amended by adding the phrase to the end of the sentence; or as determined by the design professional.
- (10) Section 1102.3 Access port protection is amended to read: Refrigerant access ports shall be protected by standard port caps whenever refrigerant is added to or recovered from refrigeration or air-conditioning systems.

Sec. 18-163. - Deletions.

The following sections of the International Mechanical Code 2015 Edition are deleted:

- (1) Section 109.2.1 Qualifications.
- (2) Section 109.2.2 Alternate members.
- (3) Section 109.6.1 Resolution.
- (4) Section 1101.10 Locking-access port cap.

Sec. 18-164 -- 18-180. - Reserved.

ARTICLE IX. - PRIVATE SEWAGE DISPOSAL CODE

Sec. 18-181. - Adopted by reference—2015 International Private Sewage Disposal Code.

The International Private Sewage Disposal Code 2015 Edition, is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-3302 and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are

inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-182. - Amendments/revisions.

The following parts or portions of the International Private Sewage Disposal Code 2015 Edition are amended and/or revised:

- (1) Section 101.1 insert: City of Winfield, Kansas.
- (2) Section 106.4.2 insert: See section 34-18 for applicable fee schedule.
- (3) Section 106.4.3 insert: 75%, 75%.
- (4) Section 108.4 insert: Misdemeanor, \$500.00, 30 days.
- (5) Section 108.5 insert: \$100.00, 500.00.
- (6) Section 109.2, is amended to read: The Building Trades Board of the City of Winfield [The Board] is hereby appointed as the "Appeals Board" to hear any appeals made on decisions of the City Code Official.
- (7) Section 109.6, is amended to read: The Board may modify or reverse the decision of the Code Official by majority vote of a Quorum.

Sec. 18-183. - Deletions.

The following sections of the International Private Sewage Disposal Code 2015 Edition are deleted:

- (1) Section 109.2.1 Qualifications.
- (2) Section 109.2.2 Alternate members.
- (3) Section 109.6.1 Resolution.

Secs. 18-184—18-200. - Reserved.

ARTICLE X. - EXISTING BUILDING CODE

Sec. 18-201. - Adopted by reference—2015 International Existing Building Code.

The International Existing Building Code 2015 Edition including Appendix is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-3302, and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-202. - Amendments/revisions.

The following parts or portions of the 2015 International Existing Building Code are hereby amended and/or revised:

- (1) Section 101.1 insert: City of Winfield, Kansas.
- (2) Section 108.2 insert: See section 34-18 for applicable fee schedule.

- (3) Section 112.3 insert: The Building Trades Board of the City of Winfield, Kansas [The Board] is hereby appointed as the appeals board to hear any appeals made on decisions of the city code official.

- (4) Section 1401.2 Insert: (Effective Date)

Sec. 18-203. - Deletions.

The following parts or portions of the 2015 International Existing Building Code are hereby deleted:

Secs. 18-204—18-220. - Reserved.

ARTICLE XV. - SWIMMING POOL & SPA CODE

Sec. 18-321 . - Adopted by reference—2015 International Swimming Pool & Spa Code.

The International Swimming Pool and Spa Code 2015 Edition is incorporated by reference pursuant to the provisions of K.S.A. 12-3009—12-3012 and K.S.A. 12-3301 and 12-3302, and all acts amendatory thereof or supplemental thereto and deleting therefrom, certain sections which are inapplicable to the city and amending by replacement and/or revisions certain sections for local city options as hereinafter set forth.

Sec. 18-322. - Amendments/revisions.

The following parts or portions of the International Building Code 2015 Edition are hereby amended and/or revised:

- (1) Section 101.1 insert: City of Winfield, Kansas.
- (2) Section 105.6.2 insert: See Section 34-18 of the City Municipal Code for applicable fee schedule.
- (3) Section 105.6.3 Fee refunds is amended to read: The Building Official is Authorized to establish a refund policy.
- (4) Section 107.4 Insert: misdemeanor, one hundred dollars (\$100.00), thirty days (30 days)
- (5) Section 107.5 Insert: one hundred (\$100.00), two thousand (\$2,000.00)
- (6) Section 108.2 insert: The Building Trades Board of the City of Winfield, Kansas [The Board] is hereby appointed as the appeals board to hear any appeals made on decisions of the city code official.

Sec. 18-323. - Deletions.

The following parts or portions of the International Swimming Pool & Spa Code 2015 Edition are hereby deleted:

- (1) none

Secs. 18-324—18-340. - Reserved.

Section 2. This ordinance shall be in full force and effect on January 1, 2018 and after its publication in the official city newspaper.

ADOPTED this 5th day of September, 2017.

CITY OF WINFIELD, KANSAS

By _____
Brenda K. Butters, Mayor

ATTEST:

Brenda Peters, City Clerk

Approved for agenda action: _____
Jeremy Willmoth, City Manager

Approved as to form: _____
William E. Muret, City Attorney