

ORDINANCE NO. 9629

AN ORDINANCE OF THE CITY OF LAWRENCE, KANSAS, REPEALING EXISTING CHAPTER 5, ARTICLE 5 OF THE CODE OF THE CITY OF LAWRENCE, 2018 EDITION, AND AMENDMENTS THERETO, AND ENACTING, IN ITS PLACE, CHAPTER 5, ARTICLE 5 OF THE CODE OF THE CITY OF LAWRENCE, KANSAS, 2018 EDITION, AND AMENDMENTS THERETO, WHICH ADOPTS AND INCORPORATES BY REFERENCE THE 2018 INTERNATIONAL PLUMBING CODE, REGULATING BUILDING AND CONSTRUCTION WITHIN THE CITY OF LAWRENCE, KANSAS.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF LAWRENCE, KANSAS:

SECTION 1. Existing Chapter 5, Article 5, of the Code of the City of Lawrence, Kansas, 2018 Edition, and amendments thereto, is hereby repealed in its entirety, it being the intent of the Governing Body that Section 2 of this Ordinance supersede it.

SECTION 2. The Code of the City of Lawrence, Kansas, 2018 Edition, and amendments thereto, is hereby amended by enacting Chapter 5, Article 5, which reads as follows:

ARTICLE 5. PLUMBING CODE

5-501 PLUMBING CODE ADOPTED AND INCORPORATED.

The *2018 International Plumbing Code*, published by the International Code Council, Inc., other than those portions hereinafter specifically deleted, modified, or amended, is hereby adopted as the City's Plumbing Code and is incorporated herein by reference as if set forth in full.

5-502 OFFICIAL COPY.

Not less than one (1) copy of the *2018 International Plumbing Code* shall be marked or stamped "OFFICIAL COPY AS INCORPORATED BY ORDINANCE No. 9629," with all sections or portions deleted, modified, or amended clearly marked as such, and to which one (1) copy of this ordinance shall be affixed, shall be filed with the City Clerk, shall be open to inspection, and shall be available to the public during reasonable business hours. Additional official copies shall, at the cost of the City, be supplied to those officials and agencies charged with enforcement of the City's Plumbing Code.

5-503 AMENDMENTS TO THE 2018 INTERNATIONAL PLUMBING CODE.

The *2018 International Plumbing Code* is amended as set forth in the succeeding sections of this Article. These amendments shall not serve to delete, modify, or amend any discretely numbered section or subsection of the *2018 International Plumbing Code*, unless the section or subsection is specifically identified as being deleted, modified, or amended.

5-504 The 2018 International Plumbing Code is hereby amended by deleting CHAPTER 1, "SCOPE AND ADMINISTRATION."

5-505 **Section 305.4.1 of the 2018 International Plumbing Code** is hereby amended to read as follows:

305.4.1 Sewer depth. *Building sewers* that connect to private sewage disposal systems shall be installed not less than 12 [NUMBER] inches (mm) below finished grade and the point of septic tank connection. *Building sewers* shall be installed not less than 12 [NUMBER] inches (mm) below grade.

5-506 **Sections 312.3 and 3.125 of the 2018 International Plumbing Code** are hereby amended to read as follows:

312.3 Drainage and vent water test. ~~Plastic piping shall not be tested using air.~~ An air test shall be made by forcing air into the system until there is a uniform gauge pressure of 5 psi (34.5 kPa) or sufficient to balance a 10-inch (254 mm) column of mercury. This pressure shall be held for a test period of not less than 15 minutes. Any adjustments to the test pressure required because of changes in ambient temperatures or the seating of gaskets shall be made prior to the beginning of the test period.

312.5 Water supply system test. Upon completion of a section of or the entire water supply system, the system, or portion completed, shall be tested and proved tight under a water pressure not less than the working pressure of the system; or, ~~for piping systems other than plastic,~~ by an air test of not less than 50 psi (344 kPa). This pressure shall be held for not less than 15 minutes. The water utilized for tests shall be obtained from a potable source of supply. The required tests shall be performed in accordance with this section and Section 107.

5-507 **The 2018 International Plumbing Code** is hereby amended by deleting **Section 312.6 Gravity sewer test.**

5-508 **The 2018 International Plumbing Code** is hereby amended by adding **Section 407.5**, which reads as follows:

407.5 Prohibition. In no case shall bathtubs be installed head-to-head.

5-509 **Section 710.1 of the 2018 International Plumbing Code** is hereby amended to read as follows:

710.1 Maximum fixture unit load. The maximum number of *drainage fixture units* connected to a given size of *building sewer, building drain* or horizontal *branch of the building drain* shall be determined using Table 710.1(1); however, no building sewer shall be less than four (4) inches in diameter. The maximum number of drainage fixture units connected to a given size of horizontal *branch* or vertical soil or waste *stack* shall be determined using Table 710.1(2).

5-510 **The 2018 International Plumbing Code** is hereby amended by adding **Section 906.6**, which reads as follows:

906.6 Aggregate size of vents. The drainage piping of each building and each connection to a public sewer or a private sewage disposal system shall be vented by means of one or more vent pipes, the aggregate cross-sectional area of which

shall not be less than that of the largest required building sewer, as determined from Table 710.1(1). Vent pipes from fixtures located upstream from pumps, ejectors, backwater valves, or other devices that in any way obstruct the free flow of air and other gases between the building sewer and the outside atmosphere shall not be used for meeting the cross-sectional area venting requirements of this section.

Exception: When connected to a common building sewer, the drainage piping of two (2) or more buildings, located on the same lot and under one (1) ownership, may be vented by means of piping sized in accordance with Table 710.1(1), provided the aggregate cross-sectional area of all vents is not less than that of the largest required common building sewer.

5-511 **Sections 918.2, 918.3, and 918.8 of the 2018 International Plumbing Code** are hereby amended to read as follows:

918.2 Installation. The valves shall only be installed with prior approval from the Building Safety Division of the Department of Planning and Development Services, in accordance with the requirements of this section, and in accordance with the manufacturer's installation instructions. Air admittance valves shall be installed after the DWV testing required by Section 312.2 or 312.3 has been performed.

918.3 Where permitted. The valves shall only be permitted in the alterations of existing buildings with prior approval from the Building Safety Division of the Department of Planning and Development Services. Individual, branch and circuit vents shall be permitted to terminate with a connection to an individual or branch-type air admittance valve in accordance with Section 918.3.1. Stack vents and vent stacks shall be permitted to terminate to stack-type air admittance valves in accordance with Section 918.3.1.

918.8 Prohibited installations. Air admittance valves shall not be installed in new construction and in non-neutralized special waste systems as described in Chapter 8 except where such valves are in compliance with ASSE 1049, are constructed of materials approved in accordance with Section 702.5 and are tested for chemical resistance in accordance with ASTM F 1412. Air admittance valves shall not be located in spaces utilized as supply or return air plenums. Air admittance valves without an engineered design shall not be utilized to vent sumps or tanks of any type.

Exception: Island fixtures in new construction may be vented by air admittance valves that comply with section 918.

5-512 **Sections 1003.2, and 1003.3.1 of the 2018 International Plumbing Code** are hereby amended to read as follows:

1003.2 Approval. The size, type and location of each interceptor and of each separator shall be designed and installed in accordance with the manufacturer's instructions and the requirements of this section based on the anticipated condition of use. Gravity grease interceptors shall be located outside the building in an accessible location; hydromechanical grease interceptors are prohibited; and automatic grease removal devices shall only be installed with the prior approval of

the Building Official. Wastes that do not require treatment or separation shall not be discharged into any interceptor or separator.

1003.3.1 Grease interceptors and automatic grease removal devices required. A grease interceptor or automatic grease removal device shall be required to receive the drainage from fixtures and equipment with grease-laden waste located in food preparation areas, such as in restaurants, hotels, kitchens, hospitals, school kitchens, bars, factory cafeterias, and clubs. Fixtures and equipment shall include pot sinks, prerinse sinks; soup kettles or similar devices; wok stations; floor drains or sinks into which kettles are drained; automatic hood wash units and dishwashers ~~without prerinse sinks~~. Grease interceptors and automatic grease removal devices shall receive waste only from fixtures and equipment that allow fats, oils, or grease to be discharged. Where a lack of space or other constraints prevent the installation or replacement of a grease interceptor, one or more grease interceptors shall be permitted to be installed on or above the floor and upstream of an existing grease interceptor.

5-513

The 2018 International Plumbing Code is hereby amended by adding Section 1003.3.1, which reads as follows:

1003.3.1 Discharge water temperature. No equipment or fixture shall discharge wastewater in excess of 140 degrees Fahrenheit into any grease interceptor or grease removal device.

SECTION 3. If any section, sentence, clause, or phrase of this ordinance is found to be unconstitutional or is otherwise held invalid by any court of competent jurisdiction, it shall not affect the validity of any remaining parts of this ordinance.

SECTION 4. After passage and publication as provided by law, this ordinance shall be in full force and effect commencing July 1, 2019.

PASSED by the Governing Body of the City of Lawrence, Kansas, this ____ day of _____, 2019.

APPROVED:

Lisa Larsen
Mayor

ATTEST:

Sherri Riedemann
City Clerk

APPROVED AS TO FORM:

Toni R. Wheeler
City Attorney