

RESOLUTION

RESOLUTION DECLARING THE NEED FOR THE ADOPTION OF THE INTERNATIONAL PLUMBING CODE, 2018 EDITION, AND PROVIDING CERTAIN LOCAL AMENDMENTS TO SAID CODES.

WHEREAS, the Council of The City of Oklahoma City finds that said City needs an up-to-date code of ordinances to provide for the safety, health and public welfare through properly designed, acceptably installed and adequately maintained buildings and structures; and

WHEREAS, the Oklahoma City Plumbing Code Commission has recommended that the International Plumbing Code, 2018 Edition, adopted by the State of Oklahoma, with amendments, as the statewide minimum code for commercial and residential plumbing trade work in the State of Oklahoma, may be adapted to the needs of The City by the amendment, deletion, or addition of certain sections peculiarly suitable to this City; and

WHEREAS, it is the desire of the Council to make such changes in the International Plumbing Code, 2018 Edition, before considering it for approval as amended.

NOW, THEREFORE, BE IT RESOLVED by the Council of The City of Oklahoma City, that the International Plumbing Code, 2018 Edition, be and the same hereby is ordered amended and changed in the following respects:

DIVISION I. 2018 INTERNATIONAL PLUMBING CODE®

CHAPTER 1. SCOPE AND ADMINISTRATION

Section 101.1 is deleted in favor of Chapter 42, Section 42-1 of the Oklahoma City Municipal Code, 2020.

Section 101.3 is deleted in favor of Chapter 42 Sections 42-2 of the Oklahoma City Municipal Code, 2020.

Section 102.8 is amended to add the following sentence:

Where The City of Oklahoma City has adopted a specifically referenced code or standard different than those listed, the adopted code shall apply.

Sections 103.1 and **103.2** are deleted in favor of Chapter 42, Sections 42-21 through 42-22 of the Oklahoma City Municipal Code, 2020.

Section 104.1 is deleted in favor of Chapter 42, Section 42.23 of the Oklahoma City Municipal Code, 2020.

Section 104.2 is deleted in favor of Chapter 42, Sections 42-35 through 42-50 of the Oklahoma City Municipal Code, 2020.

Section 104.4 is amended to add the following sentence:

The building official shall comply with the procedures and conditions set forth in the Oklahoma City Municipal Code prior to entry.

Section 104.5 is deleted in favor of Chapter 42, Section 42-29 of the Oklahoma City Municipal Code, 2020.

Section 104.6 is deleted in favor of Chapter 42, Section 42-24 of the Oklahoma City Municipal Code, 2020

Section 104.7 is deleted in favor of Chapter 42, Section 42-30 of the Oklahoma City Municipal Code, 2020.

Section 106 is deleted in favor of Chapter 42, Sections 42-35 through 42-50 and Sections 42-66 through 42-67 of the Oklahoma City Municipal Code, 2020.

Sections 108.4 through **Section 108.5** are deleted in favor of Chapter 42, Section 42-25 through 42-30 of the Oklahoma City Municipal Code, 2020.

Section 109 is deleted in favor of Chapter 42, Sections 42-96 through 42-124 of the Oklahoma City Municipal Code, 2020.

CHAPTER 4. FIXTURES, FAUCETS AND FIXTURE FITTINGS

Section 412.6.1 is added to read as follows:

412.6.1 Frost-proof sillcocks. All hose connection outlets installed where there is no access to the frost-proof sillcock connection, shall be secured to the structure in an approved manner.

CHAPTER 6. WATER SUPPLY AND DISTRIBUTION

Section 602.3 is amended to read as follows:

602.3 Individual Water Supply. Where a potable public water main is located within 500 feet of a building or premises the water system shall connect to the public main if available. Where a potable public water main is not within 500 feet of the building or premises or if it is not available, an individual source of potable water supply shall be utilized.

Exception: Where approved by the Utilities Department of the City of Oklahoma City.

Section 608.15 is amended to read as follows:

608.15 Location of backflow preventers. Access and clearance shall be provided for the required testing, repair and maintenance of all backflow preventers. Access shall be in accordance with the manufacturer's instructions, and there shall not be less than twelve inches of access in 5 directions. An adequate service platform is required for backflow preventers installed over five feet above the floor or grade.

Section 608.17.11 is added to read as follows:

608.17.11 Aquatic Recreation Facilities. Openings and outlets shall be protected by a reduced pressure principle backflow prevention assembly or a reduced pressure principle fire protection backflow prevention assembly on potable water supplies. All Splash Pads, Spray Parks, and similar installations shall have the potable water supply protected by a reduced pressure principle backflow prevention assembly.

CHAPTER 7. SANITARY DRAINAGE

Section 701.2 is amended to read as follows:

701.2 Connection to Sewer Required. Sanitary drainage piping from plumbing fixtures in buildings and sanitary drainage piping systems from premises where public sewer mains are located within 500 feet shall be connected to a public sewer. Where a public sewer is not available the sanitary drainage piping and systems shall be connected to a private sewage disposal system in compliance with state or local requirements. Where state or local requirements do not exist for private sewage disposal systems, the sanitary drainage piping and systems shall be connected to an approved private sewage disposal system that is in accordance with the International Private Sewage Disposal Code.

Exceptions:

1. Where approved by the Utilities Department of the City of Oklahoma City.
2. Sanitary drainage piping and systems that convey only the discharge from bathtubs, showers, lavatories, clothes washers and laundry trays shall not be required to connect to a public sewer or to a private sewage disposal system provided that the piping or systems are connected to a system in accordance with Chapter 13 or 14 and are approved.

701.5.1 is added to read as follows:

701.5.1 Splash Pads and Spray Parks. All Splash Pads and Spray Park waste receptors shall be trapped and discharge to the sanitary drainage system. The minimum size of any incorporated drainage system piping shall not be less than three inches. A backwater valve with accessible cleanouts shall be installed in Splash Pads and Spray Park drainage service systems.

Section 705.10.1.1.1 is added to read as follows:

Section 705.10.1.1.1 Mechanical joints. Underground mechanical joints using an elastomeric sealing shall have a metallic shield.

Section 708.1.12 is added to read as follows:

708.1.12 Directional cleanouts. All drainage pipe that exits a structure, shall be provided with cleanouts that serve both directions. All backwater valves and outside interceptors shall have directional cleanouts installed on each side of and in opposing directions away from the equipment.

Section 714.3 is amended to read as follows:

Section 714.3 Location. Backwater valves shall be installed so that access is provided to the working parts. Back water valve shall be a maximum of 18-inches deep above finish grade.

Exception: Extendable type backwater valves.

CHAPTER 8. INDIRECT/SPECIAL WASTE

Section 802.1.8 is added to read as follows:

802.1.8 Elevator hoist-way drainage. Each elevator hoistway shall be provided with a sump pump or drain installed in accordance with section 301.6 and shall have the capacity to remove 3000 gallons per hour (50gallons per minute) (189 liters per minute). Sump pumps shall indirectly discharge to a standpipe that is connected to the sanitary drainage system. The standpipe shall have a diameter of 4 inches minimum.

CHAPTER 10. TRAPS, INTERCEPTORS AND SEPARATORS

Section 1003.3.7.1 is added to read as follows:

Sizing gravity type interceptors. Gravity type interceptors shall be sized using Table 1003.3.7.1(2) found below. To determine the number of drainage fixture units that will be flowing through the interceptor refer to table 709.1 of the 2018 IPC. Multiple compartment dishwashing sinks shall be sized using the PDI G101 method found at 8.3.2 using a 2-minute drain time. Convert the GPM into DFUs using table 1003.3.7.1(1) found below, however, these DFU values shall not be less than the drainage fixture unit values given for the indirect waste receptor in Table 709.2 of the 2018 IPC After finding the total number of DFUs flowing to the interceptor find the minimum corresponding size using table 1003.3.7.1(2) found below. Gravity interceptors shall be a minimum size of 1000 gallons.

Table 1003.3.7.1(1)

| GPM | DFUs |
|------------------------|-------------|
| Up to 7 ½ | 1 |
| Greater than 7 ½ to 15 | 2 |
| Greater than 15 to 30 | 4 |
| Greater than 30 to 50 | 6 |

Table 1003.3.7.1(2)

| DFUs | Interceptor Volume in Gallons |
|-------------|--------------------------------------|
| 35 | 1000 |
| 90 | 1250 |
| 172 | 1500 |
| 216 | 2000 |
| 307 | 2500 |
| 342 | 3000 |
| 428 | 4000 |
| 576 | 5000 |
| 720 | 7500 |
| 2112 | 10000 |
| 2640 | 15000 |

Section 1003.10.1 is added to read as follows:

1. Where an interceptor is installed, a sample-well shall be installed downstream. The sample well shall be located downstream of the interceptor within a reasonable distance and

upstream of all other sanitary connections. The sample well shall be a minimum of 6 inches in diameter and shall be approved.

Exception: Where an above ground interceptor is installed, a sample-well shall be installed downstream. The sample well shall be a minimum 2-inch test tee.

ADOPTED by the City Council of The City of Oklahoma City and **SIGNED** by the Mayor this _____ day of _____ 2024.

ATTEST:

THE CITY OF OKLAHOMA CITY

CITY CLERK

MAYOR

REVIEWED for form and legality.



ASSISTANT MUNICIPAL COUNSELOR