Title 748: Oklahoma Uniform Building Code Commission
Chapter 20 - Adopted Codes – Subchapter 16

Pending – Effective 9/14/2026

International Plumbing Code®, 2024 Edition (IPC®, 2024)
748:20-16-1 through 748:20-16-20

These rules will go into effect on September 14, 2026 – until then, the 2018 adoption of the International Plumbing Code, as amended by the OUBCC is the statewide minimum code for residential construction for one- and two-family dwellings and townhouses within the State of Oklahoma.

NOTICES:

1. Section headers within this document marked "Revoked" do not revoke the current chapter in the 2024 Edition of the International Plumbing Code® (IPC®, 2024), associated with this revocation language. This language simply means the rule modifications made in the OUBCC's previous adoption have been "revoked" and the language reverts to the published content of the currently adopted code without amendment.
2. Section headers within this document marked "Reserved" do not omit the corresponding chapter in the 2024 Edition of the International Plumbing Code® (IPC®, 2024), associated with this reserved language. This language simply means no modifications were made to this Chapter in the adoption of the 2024 IPC® and the Chapter stands, as published, as part of the statewide minimum code – the section heading is a space holder for possible future rulemaking modifications, if needed.
3. Through its rulemaking process, the OUBCC is adopting the first printing of the 2024 Edition of the International Plumbing Code® (IPC®, 2024), effective September 14, 2026, as the permanent rule pursuant to Oklahoma law at OAC 748:20-16-1. Errata found and corrected by the ICC®, has not been reviewed or approved by any OUBCC technical committee, adopted by the OUBCC itself, or promulgated as a permanent rule by the OUBCC pursuant to Oklahoma law.
4. The rules of the Oklahoma Uniform Building Code Commission found on this website are **unofficial**. The official rules are published in The Oklahoma Administrative Code and The Oklahoma Register, as required by 75 O.S. § 250 et seq. To order an official copy of these rules, contact the Office of Administrative Rules at: (405) 521-4911

CHAPTER 20. ADOPTED CODES

SUBCHAPTER 16. IPC® 2024

748:20-16-1. Adoption of the International Plumbing Code®, 2024 Edition (IPC® 2024)

(a) The Oklahoma Uniform Building Code Commission (the "OUBCC") hereby adopts the International Plumbing Code®, 2024 Edition (IPC® 2024), first printing (June 2023), as amended and modified in this subchapter as the statewide minimum code for commercial plumbing construction in the State of Oklahoma pursuant to 59 O.S. 1000.23.

(b) The OUBCC through formal action expressly chose to adopt the IPC® 2024 as amended and modified in this subchapter, as the statewide minimum code for commercial plumbing construction in the State of Oklahoma. In like manner, the OUBCC through formal action expressly chose not to adopt the International Plumbing Code®, 2021 Edition (IPC®, 2021) for any purpose.

(c) Errata published by the ICC for the IPC® 2024 edition has not been reviewed or incorporated into these rules.

748:20-16-2. Effect of Adoption

The International Plumbing Code®, 2024 Edition (IPC® 2024), as amended and revised by these rules, is hereby established and adopted as the statewide minimum code for commercial plumbing construction in Oklahoma pursuant to 59 O.S. § 1000.23, and may only be amended or altered by other jurisdictions pursuant to Oklahoma law and the administrative rules of the OUBCC as set forth in Title 748, Chapter 15 of the Oklahoma Administrative Code.

748:20-16-3. IPC® 2024 Appendices

(a) None of the appendices of the IPC® 2024 have been adopted by the OUBCC for inclusion in the statewide minimum code for commercial plumbing construction in the State of Oklahoma.

(b) Appendices A through F and Resource A are not adopted as the statewide minimum code for commercial plumbing construction within the State of Oklahoma. However, other jurisdictions within the State of Oklahoma may adopt any or all of said appendices and Resource A in accordance with 59 O.S. § 1000.29.

748:20-16-4. IPC® 2024 Provisions Adopted and Modified

(a) All chapters and provisions within chapters, including exceptions, of the IPC® 2024 not specifically addressed within these rules as being modified, deleted, moved or removed are hereby adopted without modification as the statewide minimum code for commercial plumbing construction within the State of Oklahoma pursuant to 59 O.S. § 1000.23. Chapters and provisions within chapters, including exceptions adopted with modifications are specifically addressed in these rules.

(b) To the extent any references in the IPC® 2024 as amended and modified in this subchapter are made to any other code or standard, the particular edition for that reference is defined in the referenced standards found in the IPC® 2024 as amended and modified in this subchapter and in Chapter 15 entitled "Referenced Standards."

748:20-16-5. Participation in Federal Programs and/or Federally Funded or Financed Projects

In order to maximize federal financial aid, assistance, participation, financing and/or funding in any public project(s) and/or federal financial aid, participation, funding for and participation in any federal program(s) by the State of Oklahoma, its agencies, public trusts and instrumentalities, or by any Oklahoma municipalities and other political subdivisions, that receive financial aid, assistance, participation, financing and/or funding for and participate in any federal program(s), the State of Oklahoma, its agencies and instrumentalities, and any Oklahoma municipalities and other political subdivisions, may cooperate with the United States Government and any agency or instrumentality thereof, in the manner authorized and provided by federal law and regulation and in doing so may perform all necessary functions and take all necessary actions for accomplishing such federal purposes and programs, including but not limited to, following and/or complying with federal laws, regulations and/or requirements arising from or related to federal financial aid, assistance, participation, financing and/or funding, in

the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, improvement, expansion, operation, maintenance, removal, and demolition of buildings and structures or any appurtenances attached to such buildings or structures, notwithstanding any provisions of any and all uniform building codes and standards adopted by the OUBCC to the contrary.

748:20-16-6. IPC® 2024 Chapter 1 Scope and Administration

Chapter 1 of the Oklahoma adopted IPC® 2024, includes the following Preamble at the very beginning of the chapter:

(1) Pursuant to 59 O.S. § 1000.23, the OUBCC has adopted the IPC® 2024 as amended and revised by the OUBCC, as the statewide minimum code to be used by all entities for commercial plumbing construction in jurisdictions throughout the State of Oklahoma. However, the OUBCC's adoption of Chapter 1 "Scope and Administration" of the IPC® 2024 is for continuity purposes and the OUBCC's adoption of Chapter 1 recognizes the methods of best practice in fully implementing the statewide minimum code for commercial plumbing construction.

(2) All provisions of the adopted IPC® 2024, including Chapter 1, as amended and revised by the OUBCC, are hereby established and adopted as the statewide minimum code for commercial plumbing construction in Oklahoma pursuant to 59 O.S. § 1000.23, which may only be amended or altered pursuant to Oklahoma law and the administrative rules of the OUBCC as set forth in Title 748, Chapter 15 of the Oklahoma Administrative Code. However, the provisions of Chapter 1 adopted herein are only intended to be in force and effect to the extent that the respective provisions do not conflict with State law or the lawful exercise of code administration and enforcement jurisdiction by entities empowered to do so pursuant to applicable law.

(3) Section 105.1.1 Annual permit. This section has been modified to clarify an annual permit is a yearly permit which represents a group of individual permits for each alteration to an already approved electrical, gas, mechanical or plumbing installation. This section shall read: 105.1.1 Annual permit. An annual permit is a yearly permit which represents a group of individual permits for each alteration to an already approved electrical, gas, mechanical or plumbing installation. The building official is authorized to issue an annual permit upon application therefor to any person, firm or corporation regularly employing one or more qualified tradespersons in the building, structure or on the premises owned or operated by the applicant for the permit.

(4) Section 105.1.2 Annual permit records. This section has been modified to require the building official to collect the OUBCC permit fee for each individual permit that is part of the annual permit at the completion of the annual permit term. This section has been modified to read: 105.1.2 Annual permit records. The person to whom an annual permit is issued shall keep a detailed record of alterations made under such annual permit. The building official shall have access to such detailed records of alterations at all times. At the completion of the entity's annual permit term, the applicant shall file such detailed records of alterations with the building official. Pursuant to the authority of 59 O.S. § 1000.25, the building official shall collect fees for each individual permit which is part of the annual permit once the detailed records are submitted and remit such fees to the OUBCC.

(5) The OUBCC adoption of Chapter 1 in this manner is made with the recognition that the legal authority granting state and local code administration and enforcement jurisdictions the power and discretion to administer and enforce codes arises from Oklahoma laws governing those jurisdictions. Furthermore, the OUBCC also recognizes that many state and local code administration and enforcement jurisdictions have already created, or have the lawful authority to create, departments, offices and administrative policies pursuant to various applicable laws and other adopted model codes with "Scope and Administration" provisions similar to Chapter 1 of the adopted IPC® 2024.

(6) This limited adoption of Chapter 1 is made in recognition of the authority and discretion possessed by jurisdictions to administer and enforce building codes. Exercising such authority and jurisdiction in a manner inconsistent with Chapter 1 must be supported by Oklahoma law. Code administration and enforcement jurisdictions shall not use the OUBCC'S limited adoption of Chapter 1 to circumvent the remainder of the requirements established by the Oklahoma adopted IPC® 2024 and the OUBCC will strongly oppose any such practice.

748:20-16-7. IPC® 2024 Chapter 2 Definitions

Chapter 2 of the Oklahoma adopted IPC® 2024 is adopted with the following modification: The definition of a BUILDING DRAIN has been modified to align with the industry standard where the site sewer (civil) picks up 5 feet

outside of the building. This definition has been modified to read: BUILDING DRAIN. That part of the lowest piping of a drainage system that receives the discharge from soil, waste, and other drainage pipes inside and that extends 5 feet (1524 mm) in developed length of pipe beyond the exterior walls of the building and conveys the drainage to the building sewer.

(1) Combined. A building drain that conveys both sewage and storm water or other drainage.

(2) Sanitary. A building drain that conveys sewage only.

(3) Storm. A building drain that conveys storm water or other drainage, but not sewage.

748:20-16-8. IPC® 2024 Chapter 3 General Regulations

Chapter 3 of the Oklahoma adopted IPC® 2024 is adopted with the following modifications:

(1) Section 305.3 Pipes through foundations walls. This section has been modified to require the relieving arch or pipe sleeve pipe to conform with the materials and standards listed in Table 702.2 or as approved by the authority having jurisdiction. This section has been modified to read: 305.3 Pipes through foundation walls. Any pipe that passes through a foundation wall shall be provided with a relieving arch or pipe sleeve pipe shall be built into the foundation wall. The relieving arch or pipe sleeve shall conform to one of the materials and standards listed in Table 702.2, or as approved. The sleeve shall be two pipe sizes greater than the pipe passing through the wall.

(2) Section 305.4.1 Sewer depth. This section has been modified to include a depth for the septic tank connection unless otherwise approved by the authority having jurisdiction. This section has been modified to read: 305.4.1 Sewer depth. Building sewers that connect to private sewage disposal systems shall be a minimum of 12 inches (305 mm) or as approved by the authority having jurisdiction below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 12 inches (305 mm) below grade.

(3) Section 305.6 Protection against physical damage. This section has been modified to change distance in concealed locations where piping, other than cast-iron or galvanized steel, is installed through holes or notches in studs, joists, rafters or similar members from less than 1 and a quarter inches to less than 1 and one half inches from the nearest edge of the member or the pipe will be protected by steel shield plates. This section has been modified to read: 305.6 Protection against physical damage. In concealed locations, where piping, other than cast-iron or galvanized steel, is installed through holes or notches in studs, joists, rafters or similar members less than 1 and one-half inches (38 mm) from the nearest edge of the member, the pipe shall be protected by steel shield plates. Such shield plates shall have a thickness of not less than 0.0575 inch (1.463 mm) (No. 16 guage). Such plates shall cover the area of the pipe where the member is notched or bored, and shall extend not less than 2 inches (51 mm) above sole plates and below top plates.

(4) Section 312.2 Drainage and vent water test. This section has been modified to change the test from a requirement of a 10-foot (3048 mm) head of water to a requirement of a 5-foot (1524 mm) head of water. This section has been modified to read: 312.2 Drainage and vent water test. A water test shall be applied to the drainage system either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system shall be filled with water to the point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest openings of the section under test, and each section shall be filled with water, but no section shall be tested with less than a 5-foot (1524 mm) head of water. In testing successive sections, at least the upper 5-feet (1524 mm) of the next preceding section shall be tested so that no joint or pipe in the building, except the uppermost 5-feet (1524 mm) of the system, shall have been submitted to a test of less than a 5-foot (1524 mm) head of water. This pressure shall be held for at least 15 minutes. The system shall then be tight at all points.

(5) Section 312.3 Drainage and vent air test. This section has been modified to change the equivalent pressure for the inches of mercury to match the feet of water change made for the drainage and vent test. This section has been modified to read: 312.3 Drainage and vent air 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 2.5 psi (17.25 kPa) or sufficient to balance a 5-inch (127 mm) column of mercury. This test shall be held for a 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.

(6) 312.6 Gravity sewer test. This section has been modified to allow the authority having jurisdiction to determine if this test is required and change the test from a 10-foot (3048 mm) head of water test to a 5-foot (1024 mm) head of water test. This section has been modified to read: 312.6 Gravity sewer test. Where required,

gravity sewer tests shall consist of plugging the end of the building sewer at the point of connection with the public sewer, filling the building sewer with water, testing with not less than a 5-foot (1024 mm) head of water and maintaining such pressure for 15 minutes.

(7) Section 312.11.1 Inspections. This section has been modified to allow for third-party inspections to be accepted by the code official. This section has been modified to read: 312.11.1 Inspections. Annual inspections shall be made of all backflow prevention assemblies and air gaps to determine whether they are operable, in accordance with Chapter 1, Sections 104.3 and 105.3.2.

(8) Section 314.1 Fuel-burning appliances. This section has been modified to require an acid neutralizer to be installed before discharge of liquid combustion byproducts. This section has been modified to read: 314.1 Fuel-buring applicances. Liquid combustion byproducts of condensing appliances shall be collected and discharged to an ap p roved plumbing fixture or disposal area in accordance with the manufacturer's instructions. Condensate piping shall be of approved corrosion-resistant material and shall not be smaller than the drain connection on the appliance. Such piping shall maintain a horizontal slope in the direction of discharged of not less than one-eighth unit vertical in 12 units horizontal (1-percent slope). An acid neutralizer shall be installed before discharged of liquid combustion byproducts.

(9) Section 314.2.1 Condensate disposal. This section has been modified to allow condensate drains to terminate to an approved pit or French drain. This section has been modified to read: 314.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pain outlet to an approved place of disposal. Such piping shall maintain a horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12 units horizontal (1-percent slope). Condensate drains shall be allowed to terminate to an approved pit or French drain consisting of a minimum of 24 inches by 24 inches by 24 inches (610 mm by 610 mm by 610 mm), or equivalent; of 1 inch (25 mm) washed rock. Such pits or French drains shall be located 30 inches (762 mm) minimum from outer edge of foundation to nearest edge of pit or French drain. Condensate shall not discharge into a street, alley or other areas so as to cause a nuisance.

(10) Section 314.2.3.1 Water-level monitoring devices. This section has been modified to add an exception for when the section shall not apply. This section has been modified to read: 314.2.3.1 Water-level monitoring devices. On down-flow units and all other coils that do not have a secondary drain or provisions to install a secondary or auxiliary drain pan, a water-level monitoring device shall be installed inside the primary drain pan. This device shall shut off the equipment served in the event that the primary drain becomes restricted. Devices installed in the drain line shall not be permitted. Exception: This section shall not apply to appliances installed in areas outside on the ground or elevated structure where condensate overflow will not damage building components or contents.

748:20-16-9. IPC® 2024 Chapter 4 Fixtures, Faucets and Fixture Fittings

Chapter 4 of the Oklahoma adopted IPC® 2024 is adopted with the following modifications:

(1) 403.1 Minimum number of fixtures. This section has been modified to add an exception for buildings and facilities intended to be unoccupied when approved by the building code official. This section has been modified to read: 403.1 Minimum number of fixtures. Plumbing fixtures shall be provided in the minimum number as shown in Table 403.1, based on the actual use of the building or space. Uses not shown in Table 403.1 shall be considered individual by the code official. The number of occupants shall be determined by the International Building Code®. Exception: Plumbing fixtures shall not be required for buildings and facilities intended to be unoccupied and as approved by the code official such as, but not limited to, personal self-storage bays, shipping containers used only for on-site storage of materials, and structures housing equipment.

(2)403.4.1 Directional signage. This section has been modified to specify directional signage indicating the route to public toilet facilities in Group A, B, I, M, and R-1 occupancies shall be posted in a lobby, corridor or aisle or similar space. The change requires only one sign at each main entrance that is intended for public use and adds two exceptions, one for Group A occupancies that are part of an overall Group E occupancy and one for private-use Group B occupancies. This section has been modified to read: 403.4.1 Directional signage. Directional signage indicating the route to the required public toilet facilities in Group A, B, I, M, and R- 1 occupancies shall be posted in a lobby, corridor, or aisle, or similar space, such that the sign can be readily seen from the main entrance to the building or tenant space. Only one sign at each main entrance that is intended for public use shall be required. Exceptions:

(A) Exception 1. Group A occupancies that are part of an overall Group E occupancy need not have directional

signage.

(B) Exception 2. Private-use Group B occupancies need not have directional signage.

(3) Section 405.9 Slip joint connections. This section has been modified to allow the gasket to be installed from the fixture outlet to within 18 inches (457 mm) downstream of the trap outlet seal. It has been modified to read: 405.9 Slip joint connections. Slip joints shall be made with an approved elastomeric gasket and shall only be installed from fixture outlet to within 18 inches (457 mm) downstream of trap outlet seal. Fixtures with concealed slip-joint connections shall be provided with an access panel or utility space at least 12 inches (305 mm) in its smallest dimension or other approved arrangement so as to provide access to the slip joint connections for inspection and repair.

(4) Section 410.4 Substitution. This section has been modified to allow a water dispenser connected to the potable water distribution system and drainage system to be permitted to be substituted for the required drinking fountain in occupancy Groups A, B, F, M, I-4, and S with an occupant load of 50 or fewer. This section has been modified to read: 410.4 Substitution. Where restaurants provide drinking water in a container free of charge, drinking fountains shall not be required in those restaurants. other occupancies where three or more drinking fountains are required, water dispensers shall be permitted to be substituted for not more than 50 percent of the required number of drinking fountains. Exceptions:

(A) Exception 1. In Group A use with an occupant load of 50 or fewer where facilities are provided for the consumption of food or beverage and a container is provided free of charge, a water dispenser connected to the potable water distribution and drainage system shall be permitted to be substituted for the required drinking fountain. Water dispensers shall not be portable.

(B) Exception 2. In Group B, F, M, I-4, and S occupancies with an occupant load of 50 or fewer a water dispenser connected to the potable water distribution system and the drainage system shall be permitted to be substituted for the required drinking fountain. Water dispensers shall not be portable.

748:20-16-10. Reserved

748:20-16-11. IPC® 2024 Chapter 6 Water Supply and Distribution

Chapter 6 of the Oklahoma adopted IPC® 2024 is adopted with the following modifications:

(1) Section 602.1.1 IAPMO Water Demand Calculator. This section has been added to provide an alternative method for determining water system demands in lieu of the standard Chapter 6 values. This section has bene added to read: 602.1.1 Water demand calculator. Where applicable the applicant may use the IAPMO Water Demand Calculator as an approved alternate method to determine system water demands, in lieu of the standard Chapter 6 value, provided the calculated demand meets the minimum pressure and/or flow requirements under Section 604.

(2) Section 604.5 Size of fixture supply. This section has been modified to add an exception for domestic dishwashers and drinking fountains to clarify the termination for fixture supply pipe may terminate more than 30 inches (762 mm) but is not to exceed 72 inches (1829 mm) from the point of connection to the fixture. This section has been modified to read: 604.5 Size of fixture supply. The minimum size of a fixture supply pipe shall be as shown in Table 604.5. The fixture supply pipe shall terminate not more than 30 inches (762 mm) from the point of connection to the fixture. A reduced size flexible water connector installed between the supply pipe and the fixture shall be of an approved type. The supply pipe shall extend to the floor or wall adjacent to the fixture. The minimum size of individual distribution lines utilized in gridded or parallel water distribution systems shall be as shown in Table 604.5. Exception: The fixture supply pipe for domestic dishwashers and drinking fountains shall be not more than 72 inches (1829 mm) from the point of connection to the fixture.

(3) Section 604.1.1 IAPMO Water Demand Calculator. This section has been added to allow for the design of the water distribution systems to be based on either the methods in Chapter 6 or by utilizing the International Association of Plumbing and Mechanical Officials Water Demand Calculator. This section has been added to read: 604.1.1. IAPMO Water demand calculator. Design of water distribution systems shall be based on either (1) methods prescribed in Chapter 6 and/or (2) demand figures obtained using the IAPMO Water Demand Calculator, provided all design criteria in Chapter 6 are satisfied.

748:20-16-12. IPC® 2024 Chapter 7 Sanitary Drainage

Chapter 7 of the Oklahoma adopted IPC® 2024 is adopted with the following modification: Section 705.10.2

Solvent cementing. This section has been modified to remove the words "both of," in the exception to clarify there are more than two conditions for when a primer is not required. This section has been modified to read: 705.10.2 Solvent cementing. Joint surfaces shall be clean and free from moisture. A purple primer that conforms to ASTM F 656 shall be applied. Solvent cement not purple in color and conforming to ASTM D 2564, CSA B137.3, CSA B181.2 or CSA B182.1 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM D 2855. Solvent-cement joints shall be permitted above or below ground. Exception: A primer is not required where the following conditions apply:

(1) The solvent cement used is third-party certified as conforming to ASTM D2564.

(2) The solvent cement is used for joining PVC drain, waste and vent pipe and fittings in non-pressure applications in sizes up to and including 4 inches (102 mm) in diameter.

(3) The joint is made in accordance with ASTM F3328.

748:20-16-13. IPC 2018 Chapter 8 Indirect/Special Waste [REVOKED]

748:20-16-14. IPC® 2024 Chapter 9 Vents

Chapter 9 of the Oklahoma adopted IPC® 2024 is adopted with the following modifications:

(1)Section 903.1.1 Roof extension unprotected. This section has been modified to specify the number of inches where the open vent pipes that extend through the roof shall be terminated. This section has been modified to read: 903.1.1 Roof extension unprotected. Open vent pipes that extend through a roof shall be terminated not less than 10 inches (254 mm) above the roof.

(2) Section 903.1.2 Roof used for recreation or assembly places. This section has been modified to clarify when the roof is used as a recreation or assembly place, open vent pipes shall terminate above the finished occupiable space within 10 feet (3048 mm) horizontal distance. This section has been modified to read: 903.1.2 Roof used for recreation assembly places. Where a roof is to be used as a promenade, restaurant, bar, or sunbathing deck, as an observation deck or similar purpose, open vent pipes shall terminate not less than 7 feet (2134 mm) above the finished occupiable surface within 10 feet (3048 mm) horizontal distance.

748:20-16-15. IPC® 2024 Chapter 10 Traps, Interceptors, and Separators

Chapter 10 of the Oklahoma adopted IPC ® 2024 is adopted with the following modification: Section 1003.4 Oil separators required. This section has been modified to add a second exception to the requirement for installing an oil separator. This section has been modified to read: 1003.4 Oil separators required. At repair garages where floor or trench drains are provided, car washing facilities, factories where oily and flammable liquid wastes are produced and hydraulic elevator pits, oil separators shall be installed into which oil-bearing, grease-bearing or flammable wastes shall be discharged before emptying into the building drainage system or other point of disposal. Exceptions:

(1) An oil separator is not required in hydraulic elevator pits where an approved alarm system is installed. Such alarm systems shall not terminate the operation of pumps utilized to maintain emergency operation of the elevator by fire fighters.

(2) Oil separators shall not be required in a non-hydraulic elevator pit.

748:20-16-16. IPC® 2024 Chapter 11 Storm Drainage

Chapter 11 of the Oklahoma adopted IPC® 2024 is adopted with the following modification: Section 1108.3 Sizing of secondary drains. This section has been modified to clarify the sizing of secondary drains will be based on the rainfall rates established by the National Oceanic and Atmospheric Precipitation Frequency Data Server (PFDS) for a 15-minute rainfall rate at the nearest station based on the risk categories given in Table 1161.1 in the International Building Code®. This section has been modified to read: 1108.3 Sizing of secondary drains. Secondary (emergency) roof drain systems shall be sized in accordance with Section 1106 based on rates established by the National Oceanic and Atmospheric Precipitation Frequency Data Server (PFDS). The sizing shall be based on the data for a 15-minute rainfall rate at the nearest station for the risk categories given in Table 1611.1 in the International Building Code®. Scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Section 1101.7. Scuppers shall have an opening dimension of not less than 4 inches (102 mm) and an opening width equal to the circumference of the roof drain required for the area served. The flow through the primary system shall not be considered when sizing the secondary roof drain system or scuppers.

748:20-16-17. Reserved

748:20-16-18. IPC® 2024 Chapter 13 Nonpotable Water Systems

Chapter 13 of the Oklahoma adopted IPC® 2024 is adopted with the following modification: Section 1301.9.5 Overflow. This section has been modified to require the section to apply to any walkway not just those on roofs. This section has been modified to read: 1301.9.5 Overflow. The storage tank shall be equipped with an overflow pipe having a diameter not less than that shown in Table 606.5.4. The overflow pipe shall be protected from insects or vermin and shall discharge in a manner consistent with storm water runoff requirements of the jurisdiction. The overflow pipe shall discharge at a sufficient distance from the tank to avoid damaging the tank foundation or the adjacent property. Drainage from overflow pipes shall be directed to prevent freezing on walkways. The overflow drain shall not be equipped with a shutoff valve. A cleanout shall be provided on each overflow pipe in accordance with Section 708.

748:20-16-19. Reserved

748:20-16-20. IPC® 2024 Chapter 15 Referenced Standards

Chapter 15 of the Oklahoma adopted IPC® 2018 2024 is adopted with the following modifications:

(1) The reference to the International Building Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: IBC®-24 International Building Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(2) The reference to the International Existing Building Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: IEBC®-24 International Existing Building Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(3) The reference to the International Energy Conservation Code® has been modified to change the edition year to 2006. This section has been modified to read: IECC-06 International Energy Conservation Code®.

(4) The reference to the International Fire Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read IFC®-24 International Fire Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(5) The reference to the International Fuel Gas Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: IFGC®-24 International Fuel Gas Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(6) The reference to the International Mechanical Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: IMC®-24 International Mechanical Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(7) The reference to the International Residential Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: IRC®-24 International Residential Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(8) The referenced standard for NFPA® 70 National Electrical Code® has been modified to include the words after the title "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: 70-23 National Electrical Code® as adopted and modified by the State of Oklahoma through the OUBCC.