The City Clerk of the City of Tulsa, OK, a Municipal Corporation, hereby certifies that the foregoing is a true and correct copy of attachment herewith set out as appears of record in the City Clerk's Office, 175 E 2nd Street, Suite 260, Tulsa, OK, this 28th day of FEBRUARY, 2014 by _____ Deputy City Clerk

(Published in the Tulsa Business and Legal News JAN. 17 2014)

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13-315-1

Ordinance No. 23003

AN ORDINANCE AMENDING THE PLUMBING CODE OF THE CITY OF TULSA, OKLAHOMA, TITLE 56, TULSA REVISED ORDINANCES, ENTITLED "PLUMBING CODE;" AMENDING SECTIONS 109 THROUGH 109.8.3 BY REPLACING THE PLUMBING AND APPEALS BOARD AND VESTING APPEAL AND OTHER AUTHORITY IN THE BOARD OF APPEALS AS CREATED IN TITLE 51, TULSA'S REVISED ORDINANCES, CHAPTER 1; AMENDING SECTION 111 REQUIRING REGISTRATION WITH THE CITY OF TULSA AND PROHIBITING LICENSED CONTRACTORS FROM EMPLOYING OR SUPERVISING UNLICENSED PLUMBING WORK OR ALLOWING SUCH WORK BY AN APPRENTICE UNLESS SUCH APPRENTICE IS SUPERVISED BY A LICENSED PLUMBING CONTRACTOR OR JOURNEYMAN; AMENDING SECTION 111.8 TO AUTHORIZE REVOCATION OR SUSPENSION OF CERTIFICATES OF REGISTRATION BY THE BOARD OF APPEALS; PROVIDING FOR SEVERABILITY; REPEALING ALL OTHER ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE CITY OF TULSA:

Section 1. *That Title* 56, *Tulsa Revised Ordinances be and the same is hereby amended to read as follows:*

"TITLE 56 PLUMBING CODE

CHAPTER 1. ICC INTERNATIONAL PLUMBING CODE, 2009 EDITION ADOPTED

Section 100. Adoption of the ICC International Plumbing Code, 2009 Edition.
Section 101. Amendments to the ICC International Plumbing Code, 2009 Edition.

Section 100. Adoption of the ICC International Plumbing Code, 2009 Edition.

A certain document, three (3) copies of which are on file in the Office of the City Clerk of the City of Tulsa, Oklahoma, being marked and designated as the *ICC International Plumbing Code,* 2009 Edition, including Appendices B, C, D, E, F and G, as published by the International Code Council, Inc. (ICC), is hereby adopted as a part of the Tulsa Revised Ordinances, hereinafter the "Plumbing Code of the City of Tulsa," for the control of plumbing standards as herein provided. Consistent with the adoption of this ICC *International Plumbing Code,* 2009 Edition there is hereby provided for the related issuance of permits and collection of fees. Each and all of the

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regulations, provisions, penalties, terms, and conditions of the *ICC International Plumbing Code, 2009* Edition, including Appendices B, C, D, E, F and G, are hereby referred to, adopted, and made a part hereof as if fully set out in this chapter, with the amendments thereto, if any, as prescribed in Section 101 of this chapter and, as used in this chapter, may be referred to as the "code."
Ord. Nos. 18096, 19011, 20428

Section 101. Amendments to the ICC International Plumbing Code, 2009 Edition.

The following sections of the *ICC International Plumbing Code,* 2009 Edition, are hereby added or amended to read as follows:

101.1 Title-Amendatory. These regulations shall be known as the International Plumbing Code of the City of Tulsa, Oklahoma, hereinafter referred to as the Plumbing Code, or "this code."

102.8.1 Highest Standard Governs-Added. Nothing in this code shall be construed to prevent the enforcement of other ordinances or local regulations which prescribe higher plumbing standards than those which are provided herein.

102.9.1 Outside of City-Added. All the provisions of this code shall apply to persons, firms, or corporations doing plumbing work outside the City of Tulsa if such work is connected or to be connected, directly or indirectly, with the waterworks system of the City of Tulsa or to any sewer emptying, directly or indirectly, into the sewer system of the City of Tulsa.

103.1 Authority Having Jurisdiction-Amendatory. Pursuant to Title 11, Tulsa Revised Ordinances, Chapter 2, the Director of Planning and Economic Development Department, or the Director's designated representative, as provided for by Title 51, Section 103.2 Tulsa Revised Ordinances, shall direct the administration of the Plumbing Code of the City of Tulsa.

103.2 Code Official-Added. Code official, as used in this ordinance, shall be the Plumbing Inspections Supervisor and such assistants as may be duly employed.

106.1.1 Separate Permit Required-Added. A separate permit shall be required for each building within a complex and for each water meter when there is a multi-meter installation on a single building.

106.1.2 Lawn Irrigation System Permits-Added. Prior to the issuance of a lawn irrigation system permit, a permit for a backflow prevention assembly must be obtained. Permits for the irrigation system may be issued to any owner of property on which the irrigation system is to be installed, or to his agent, after the backflow prevention assembly permit has been issued.

106.4.1 Homeowner-Added. Any homeowner may perform plumbing work on the homeowner's own homeowner-occupied residence and property, provided all permits required pursuant to this code are obtained.

106.6.2 Fee Schedule-Amendatory. The fees for all plumbing work shall be as indicated in Title 49, Tulsa Revised Ordinances.

106.6.3 Fee Refunds-Amendatory. The code official shall authorize the refunding of fees as indicated in Title 49, Tulsa Revised Ordinances.

108.4 Violation Penalties-Amendatory. Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor offense, punishable by a fine of not more than five hundred dollars ($500.00) or by imprisonment not exceeding ninety (90) days, or both such fine and imprisonment. Each day, or portion thereof, that a violation continues shall be deemed a separate offense.

108.5 Stop Work Orders-Amendatory. Upon notice from the code official, work on any plumbing system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of a misdemeanor offense, and, upon conviction, shall be punished by a fine of no more than five hundred dollars ($500.00), excluding costs, fees, and assessments, or by imprisonment for a period not exceeding ninety (90) days, or by both such fine and imprisonment. Each day, or portion thereof, that a violation continues after due notice has been served shall be deemed a separate offense.

108.8 Fine Not Exclusive Penalty-Added. The penalties herein prescribed shall not be exclusive and shall not prevent independent action by the Board of Appeals as established by Title 51, Chapter 1, Tulsa Revised Ordinances, to suspend or revoke the Certificate of Registration of any person, subject to the provisions of this code, and shall not prevent the City of Tulsa or its authorized officials from taking other action authorized by law to remedy the violation.

Section 109 Means of Appeal

109.1 Appeals of orders, decisions or determinations made by the code official relative to the application and interpretation of this code shall be made to the Board of Appeals as established and described in Title 51, Chapter 1, Tulsa Revised Ordinances.

Section 111 Registration of Plumbing Contractors-Added.

111.1 General-Added. No person, firm, or corporation shall be issued a permit, engage or offer to engage in, by advertisement or otherwise, any plumbing business, or do any plumbing work in the City of Tulsa, unless such person, firm, or corporation has registered with the City of Tulsa as herein provided. All contractors, journeymen, and apprentices shall carry on their person, at

all times while performing plumbing work within the City of Tulsa, their state license and shall display the same upon request from the code official or a police officer of the City of Tulsa.

No person issued a contractor's license shall employ or supervise persons performing plumbing work unless those persons are licensed as provided herein. Nor shall any apprentice perform plumbing work unless the apprentice is directly supervised by a licensed plumbing contractor or journeyman.

Exception: A homeowner may perform plumbing work on his property or residence, provided the required permit is obtained.

111.2 Requirements for Registration-Added. No person, firm, or corporation shall be issued a Certificate of Registration until furnishing proof of a current State of Oklahoma Contractor license, issued under the provisions of 59 O.S.2001, " 1001, *et seq.,* as amended, and paying the fees required by Tulsa Revised Ordinances, Title 49.

111.3 Transfer of Registration Prohibited-Added. No person, firm, or corporation shall allow his or its name to be used by any other person, firm, or corporation to obtain any permit for or do any work under his or its Certificate of Registration.

111.4 Registration after Revocation-Added. No person, firm, or corporation shall be permitted to obtain a new Certificate of Registration within one (1) year from the date of revocation of any prior registration.

111.5 Registration Fees-Added. Fees shall be charged for registration of state Licensed Plumbing contractors, in accordance with Title 49, Tulsa Revised Ordinances.

111.6 Expiration of Registration-Added. Registrations of state Licensed Contractors shall expire each year on the last day of the birth month of the registered individual.

111.7 Identification of Service Vehicles-Added. Every contractor shall identify all service vehicles used in his business with the company name and contractor's license number. Such identification shall be placed on both sides of all vehicles in letters and numbers no less than two (2) inches high and of a contrasting color.

111.8 Suspension or Revocation of Certificates of Registration-Added. Certificates of Registration issued pursuant to this Code may be suspended or revoked by the Board of Appeals in accordance with Title 51, Chapter 1, Tulsa Revised Ordinances.

Section 202 General Definitions-Amendatory

The following definitions are in addition to those appearing in Section 202 of the *ICC International Plumbing Code,* 2009 Edition.

Grease Interceptor:
(1) Hydro mechanical. Plumbing appurtenances that are installed in the sanitary drainage system to intercept free-floating fats, oils, and grease from waste water discharge. Continuous separation is accomplished by air entrainment, buoyancy and interior baffling.
(2) Gravity. Plumbing appurtenances of not less than 500 gallons (1893 L) capacity that are installed in the sanitary drainage system to intercept free-floating fats, oils and grease from waste water discharge. Separation is accomplished by gravity during a retention time of not less than 30 minutes.

305.6 Freezing-Amendatory. Water, soil and waste pipes shall not be installed outside of a building, in attics or crawl spaces, concealed in outside walls, or in any other place subjected to freezing temperatures unless adequate provision is made to protect such pipes from freezing by insulation or heat or both. Exterior water supply system piping shall be installed not less than 6 inches (152 mm) below the frost line and not less than twenty-four (24) inches below grade.

305.6.1 Sewer Depth-Amendatory. Building sewers that connect to private sewage disposal systems shall be a minimum of 12 inches (305 mm) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 12 inches (305 mm) below grade.

312.1 Required Tests-Added. The permit holder shall make the applicable tests prescribed in Sections 312.2 through 312.10 to determine compliance with the provisions of this code. The permit holder shall give reasonable advance notice to the code official when the plumbing work is ready for tests. The equipment, material, power and labor necessary for the inspection and test shall be furnished by the permit holder and the permit holder shall be responsible for determining that the work will withstand the test pressure prescribed in the following tests. All plumbing system piping shall be tested with either water or, for piping systems other than plastic, by air as approved. After the plumbing fixtures have been set and their traps filled with water, the entire drainage system shall be submitted to final tests when required by the authority having jurisdiction. The code official shall require the removal of any cleanouts if necessary to ascertain whether the pressure has reached all parts of the system.

312.2 Drainage and Vent Water Test-Added. 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 10-foot (3048 mm) head of water or as required. In testing successive sections, at least the upper 10 feet (3048 mm) of the next preceding section shall be tested so that no joint or pipe in the building, except the uppermost 10 feet (3048 mm) of the system, shall have been submitted to a test of less than a 10-foot (3048 mm) head of water or as required. This pressure shall be held for at least 15 minutes. The system shall then be tight at all points.

312.3 Drainage Air Test-Added. **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 ml) column of mercury. This pressure shall be held for a test period of at least 15**

minutes. Any adjustments to the test pressure required because of changes in ambient temperature or the seating of gaskets shall be made prior to the beginning of the test period

312.4 Drainage and Vent Final Test-Added. The final test of the completed drainage and vent systems where required shall be visual and in sufficient detail to determine compliance with the provisions of this code. Where a smoke test is utilized, it shall be made by filling all traps with water and then introducing into the entire system a pungent, thick smoke produced by one or more smoke machines. When the smoke appears to stack openings on the roof, the stack openings shall be closed and a pressure equivalent to a 1-inch water column (248.8 kPa) shall be held for a test period of not less than 15 minutes.

312.5 Water Supply System Test-Added. 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 or as approved, by an air test of not less than 50 psi (344 kPa). This pressure shall be held for at least 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.

312.6 Gravity Sewer Test-Added. 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 10-foot (3048 mm) head of water and maintaining such pressure for 15 minutes.

312.9 Shower Liner Test-Added. Where shower floors and receptors are made water-tight by the application of materials required by Section 417.5.2, the completed liner installation, where required by the authority having jurisdiction, shall be tested. The pipe from the shower drain shall be plugged water tight for the test. The floor and receptor area shall be filled with potable water to a depth of not less than 2 inches (51 mm) measured at the threshold. Where a threshold of at least 2 inches (51 mm) high does not exist, a temporary threshold shall be constructed to retain the test water in the lined floor or receptor area to a level not less than 2 inches (51 mm) deep measured at the threshold. The water shall be retained for a test period of not less than 15 minutes, and there shall not be evidence of leakage.

314.1 General-Added. Condensate disposal shall be in accordance with the International Mechanical Code.

314.2 Evaporators and Cooling Coils-Added. This section has been stricken from the code.

314.2.1 Condensate Disposal-Added. This section has been stricken from the code.

314.2.2 Drain Pipe Materials and Sizes-Added. This section has been stricken from the code.

314.2.2 Condensate Drain Sizing-Added. This table has been stricken from the code.

314.2.3 Auxiliary and Secondary Drain System-Added. This section has been stricken from the code.

314.2.3.1 Water-level Monitoring Devices-Added. This section has been stricken from the code.

314.2.3.2 Appliance, Equipment and Insulation in Pans-Added. This section has been stricken from the code.

314.2.4 Traps-Added. This section has been stricken from the code.

Table 403.1 Minimum Number of Required Plumbing Fixtures-Added. "OTHER" column; Footnote "g"; added: For business and mercantile occupancies with an occupant load of 15 or fewer, service sinks shall not be required.

403.2 Separate Facilities-Added. Where plumbing fixtures are required, separate facilities shall be provided for each sex. Exception:

A. Separate facilities shall not be required for dwelling units and sleeping units.
B. Separate facilities shall not be required in structures or tenant spaces with a total occupancy load, including both employees and customers, of 15 or less.
C. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 100 or less.

403.3.1.1 Toilet Room Ingress and Egress-Added. Toilet rooms shall not open directly into a room used for the preparation of food for service to the public.

405.8 Slip Joint Connections-Added. Slip joints shall be made with an approved elastomeric gasket and shall be installed from fixture outlet to 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.

417.5.2.6 Liquid Type, Trowel Applied, Load Bearing, Bonded Water Proof Materials-Added. Liquid type, trowel applied, load bearing, bonded waterproof materials shall meet the requirements of ANSI A118.10 and shall be applied in accordance with the manufacturer's installation instructions.

504.4.1 Installation-Added. Such valves shall be installed in the shell of the water heater tank. Temperature relief valves shall be so located in the tank as to be actuated by the water in the top 6 inches (152 mm) of the tank served. For installations with separate storage tanks, the approved, self-closing (levered) pressure relief valve and the temperature relief valve or combination thereof conforming to ANSI Z21.22 valves shall be installed on both the storage water heater and storage tank. There shall not be a check valve or shutoff valve between a relief valve and the heater or tank served.

504.6 Requirements for Discharge Piping-Amendatory. The discharge piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

A. Not be directly connected to the drainage system.
B. Discharge through an air gap located in the same room as the water heater.
C. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap.
D. Serve a single relief device and shall not connect to piping serving any other relief device or equipment.
E. Discharge to the floor, to the pan serving the water heater or storage tank, to a waste receptor or to the outdoors.
F. Discharge in a manner that does not cause personal injury or structural damage.
G. Discharge to a termination point that is readily observable by the building occupants.
H. Not be trapped.
I. Be installed so as to flow by gravity.
J. Not terminate more than 6 inches (152 mm) above the floor or waste receptor.
K. Not have a threaded connection at the end of such piping.
L. Not have valves or tee fittings.
M. Be constructed of those materials listed in Section 605.4 or materials tested, rated and approved for such use in accordance with ASME A112.4.1
N. Where discharging to the outdoors in areas subject to freezing, discharge piping shall be first piped to an indirect waste receptor through an air gap located in a conditioned area.

605.3 Water Service Pipe-Added. Water service pipe shall conform to NSF 61 and shall conform to one of the standards listed Table 605.3. All water service pipe or tubing, installed underground and outside of the structure, shall have a minimum working pressure rating of 160 pounds per square inch (1100 kPa) at 73.4 degrees Fahrenheit (23 degrees Celsius). Where the water pressure exceeds 160 pounds per square inch, (1100 kPa), piping materials shall have a minimum rated working pressure equal to the highest available pressure. Water service piping materials not third-party certified for water distribution shall terminate a minimum of 30 inches (762 mm) outside the structure at or before the full open valve located at the entrance to the structure. All ductile iron water service piping shall be cement mortar lined in accordance with AWWA C104.

606.1 Location of Full-Open Valves-Amendatory. Full open-valves shall be installed in the following locations:
A. On the building water service pipe from the public water supply near the curb.
B. On the water distribution supply pipe at the entrance into the structure.
C. On the base of every water riser pipe in occupancies other than multiple-family residential occupancies that are two stories or less in height and in one-and two-family residential occupancies.
D. On the top of every water down-feed pipe in occupancies other than one- and two-family residential occupancies.
E. On the entrance to every water supply pipe to a dwelling unit, except where supplying a single fixture equipped with individual stops.
F. On the water supply pipe to a gravity or pressurized water tank.
G. On the water supply pipe to every water heater.

607.1.1 Temperature Limiting Means-Amendatory. A thermostat control for a water heater shall not serve as the temperature-limiting means for the purposes of complying with the requirements of this code for maximum allowable hot or tempered water delivery temperatures at fixtures.

608.13.10 Backflow Preventers for Private Fire Systems-Added. The backflow preventer for a private fire system or service shall be equipped with a bypass meter to detect water flow and shall be installed in accordance with Title 11-C, Tulsa Revised Ordinances, Waterworks and Sewerage.

608.16.5 Connections to Lawn Irrigation Systems-Added. The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker, a spill resistant backflow preventer or a reduced pressure principle backflow preventer. A valve shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer.

701.2.1 Public System Availability-Added. Availability of the public sewer system to any premise shall be determined by the Development Services Department of the City of Tulsa.

707.1 Prohibited Joints-Added. The following types of joints and connections shall be prohibited:

A. Cement or concrete joints.
B. Mastic or hot-pour bituminous joints.
C. Joints made with fittings not approved for the specific installation.
D. Joints between different diameter pipes and made with elastomeric rolling O-rings.
E. Solvent-cement joints between different types of plastic pipe.
F. Saddle type fittings.

Exception: Saddle-type fittings may be used to connect the building sewer to a public sewer.

715.1 Sewage Backflow-Amendatory. Where plumbing fixtures are installed on a floor with a finished floor elevation below the elevation of the manhole cover of the next upstream manhole in the public sewer, the fixtures shall be protected by a backwater valve installed in the building drain or horizontal branch servicing such fixtures.

801.1 Scope, Exception – Food Handling-Added. Section 801.1 of the *ICC International Plumbing Code*, 2006 edition, is amended to provide the following exception:
Plumbing in all food handling facilities shall comply with Title 17, Tulsa Revised Ordinances, Tulsa City County Health Department Food Code and meet the Inspection Code.

802.1.8 Food Utensils, Dishes, Pots and Pans Sinks-Amendatory. Sinks used for the washing, rinsing or sanitizing of utensils, dishes, pots, pans or service-ware used in the preparation, serving or eating of food shall discharge indirectly through an air gap or an air break to the drainage system.

904.1 Roof Extension-Amendatory. All open vent pipes that extend through a roof shall be terminated at least 12 inches (304 mm) above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least 7 feet (2134 mm) above the roof.

1002.4 Trap Seals-Added. Each fixture trap shall have a liquid seal of not less than 2 inches (51 mm) and not more than 4 inches (102 mm), or deeper for special designs relating to accessible fixtures. Where a trap seal is subject to loss by evaporation, a trap seal primer valve or other approved trap seal device shall be installed. Trap seal primer valves shall connect to the trap at a point above the level of the trap seal. A trap seal primer valve shall conform to ASSE 1018 or ASSE 1044.

1003.3 Grease, Oil and Sand Interceptors, Separators, and Traps-Amendatory.
Grease interceptors shall be provided for the proper handling of liquid wastes containing oil or grease in excessive amounts, flammable or hazardous wastes, sand or other harmful ingredients. Grease and oil traps shall conform to *Plumbing and Drainage Institute* (PDI) Standard Reference Number G101, as stated in Title 11-C, Tulsa Revised Ordinances, Section 1201, "General Sewer Use Requirements." All interceptors and separators shall be of the type and capacity approved by the code official and shall be located so as to be readily and easily accessible for cleaning and inspection. Grease and oil interceptors and separators shall be constructed of impervious materials, capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight and equipped with easily removable covers which, when bolted in place, shall be gas tight and watertight and comply with the requirements of Sections 1003.3.1 through 1003.3.6.

1003.3.1 Grease Interceptors and Automatic Grease Removal Devices Required-Added. 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, hotel kitchens, hospitals, school kitchens, bars, factory cafeterias and clubs. Fixtures and equipment shall include pot sinks, pre-rinse sinks; soup kettles or similar devices; wok stations; floor drains or sinks into which kettles are drained; automatic hood washing units and dishwashers without pre-rinse 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 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.

1003.3.4 Hydro-Mechanical Grease Interceptors and Automatic Grease Removal Devices-Added. Hydro-mechanical grease interceptors and automatic grease removal devices shall be sized in accordance with ASME A112.14.3 Appendix A, or ASME A112.14.4, CSA B481.3, or PDI G101. Hydro-mechanical grease interceptors and automatic grease removal devices shall be designed and tested in accordance with ASME 112.14.3 or ASME 112.14.4, CSA B481.1, PDI G101 or PDI G102. Hydro-mechanical grease interceptors and automatic grease removal devices shall be installed in accordance with the manufacturer's instructions. Where manufacturer's instructions are not provided, hydro-mechanical grease interceptors and grease removal devices

shall be installed in compliance with ASME A112.14.3, ASME A112.14.4, CSA B481.3 or PDI G101. This section shall not apply to gravity grease interceptors.

1003.3.6 Submission of Information-Added. Plans, specifications and any other pertinent information relating to the proposed preliminary treatment, processing or flow equalization facilities shall be submitted to the code official for approval prior to the start of construction if the effluent from such facilities is to be discharged into the public sanitary sewers.

1107.3 Sizing of Secondary Drains-Added. Secondary (emergency) roof drain systems or scuppers shall be sized in accordance with Section 1106 based on a rainfall rate of 10.2 inches per hour for a 5-minute duration. In sizing secondary roof drain systems using Tables 1106.2, 1106.3 and 1106.6, the Horizontally Projected Roof Area shall be determined by dividing the Horizontally Projected Roof Area for 1-inch rain fall per hour rate by 10.2 inches per hour. Secondary roof scuppers shall by designed in accordance with ASCE/SEI 7-05 Minimum Design Loads for Buildings and Other Structures, Chapter 8 C8-RAIN LOADS published by the American Society of Civil Engineers and Structural Engineering Institute. 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 not have an opening dimension of less than 4 inches (102 mm). The flow through the primary system shall not be considered when sizing the secondary roof drain system or scuppers.

IPC® 2009 Chapter 13 Referenced Standards-Added. Chapter 13 of the IPC® 2009 is adopted with the following modifications:
(1) The standard ASCE/SEI 7-05 Minimum Design Loads for Buildings and Other Structures, C8-RAIN LOADS, published by the American Society of Civil Engineers and Structural Engineering Institute has been added to the chapter.
(2) 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 Uniform Building Code Commission. This section has been modified to read: IBC-09 International Building Code® as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission.
(3) The reference to the International Energy Conservation Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the State Fire Marshal until replaced by an adoption done through the Uniform Building Code Commission". This section has been modified to read: IECC-06 International Energy Conservation Code® as adopted and modified by the State of Oklahoma through the State Fire Marshal until replaced by an adoption done through the Uniform Building Code Commission.
(4) The reference to the International Energy Conservation Code® has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission". This section has been modified to read: IECC-09 International Energy Conservation Code® as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission.
(5) 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 Uniform Building Code Commission". This section has been modified to read: IMC-09 International Fire Code® as

adopted and modified by the State of Oklahoma through the Uniform Building Code Commission.
(6) 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 Uniform Building Code Commission". This section has been modified to read: IFGC-09 International Fuel Gas Code® as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission.
(7) 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 Uniform Building Code Commission". This section has been modified to read: IPC-09 International Mechanical Code® as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission.
(8) The reference to the International Residential Code® 2009 has been modified to include after the title the words "as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission". This section has been modified to read: IRC-09 International Residential Code® as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission.
(9) The referenced standard for NFPA 70® National Electric Code® has been modified to change the edition year from 2008 to 2011 and include the words after the title "as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission". This section shall now read: 70-11 National Electric Code® as adopted and modified by the State of Oklahoma through the Uniform Building Code Commission.

Appendix A-Deleted. The following appendix of the *ICC International Plumbing Code*, 2009 Edition, is intentionally deleted from this code:

APPENDIX A PLUMBING PERMIT FEE SCHEDULE

Appendices B through G-Added. The following appendices of the *ICC International Plumbing Code*,2009 Edition are specifically referred to, adopted and made a part of this code, as if fully set out in this chapter:

APPENDIX B RATE OF RAINFALL FOR VARIOUS CITIES
APPENDIX C GRAY WATER RECYCLING SYSTEMS
APPENDIX D DEGREE DAY AND DESIGN TEMPERATURES
APPENDIX E SIZING OF WATER PIPING SYSTEM
APPENDIX F STRUCTURAL SAFETY
APPENDIX G VACUUM DRAINAGE SYSTEM"

Section 2. REPEAL OF CONFLICTING ORDINANCES. That all ordinances or parts of ordinances in conflict herewith be and the same are hereby expressly repealed.

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Section 3. SEVERABILITY. If any section, subsection, paragraph, subparagraph, sentence, clause or phrase of this Ordinance shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining portions of this Ordinance, which shall remain in full force and effect, and to this end, the provisions of this Ordinance are hereby declared to be severable.

Section 4. EMERGENCY CLAUSE. That an emergency is hereby declared to exist for the preservation of the public peace, health and safety, by reason whereof this Ordinance shall take effect immediately from and after its passage, approval and publication.

ADOPTED by the Council: DEC 12 2013
Date

Chair of the Council

ADOPTED as an emergency measure: _____.
Date

Chair of the Council

rre

OFFICE OF THE MAYOR

Received by the Mayor: _____, at _____.
Date Time

Dewey F. Bartlett, Jr., Mayor

By _____
Secretary

APPROVED by the Mayor of the City of Tulsa, Oklahoma: JAN 08 2014

At_____.
Time

Dewey F. Bartlett Jr.
Mayor

Anthony Mayes
DEPUTY City Clerk

APPROVED:

David E. O'Meilia 1/10/14
City Attorney rre