

## **ORDINANCE NO. 1408**

### **AN ORDINANCE WHICH PROVIDES AMENDMENT TO THE CODE OF ORDINANCES OF THE CITY OF YUKON, OKLAHOMA BY AMENDING SECTIONS 204-91 AND 204-92 AND ADOPTING THE INTERNATIONAL PLUMBING CODE 2015 EDITION AND PROVIDING ADDITIONS, INSERTIONS, AND DELETIONS THERETO AND DECLARING AN EMERGENCY.**

**BE IT ORDAINED BY THE COUNCIL FOR THE CITY OF YUKON, OKLAHOMA** that the Code of Ordinances, City of Yukon, is hereby amended by adopting the International Plumbing Code 2015 edition and adding a new section to provide for additions, insertions, and changes thereto as follows:

#### **SECTION 1:**

#### **Sec. 204-91. Office of plumbing inspector created; appointment and general powers and duties of inspector is hereby amended to read.**

The office of plumbing inspector is hereby created within the department of Development Services. The Development Services Director shall appoint the plumbing inspector who may also hold another position in the city government. The plumbing inspector shall have the powers and duties prescribed by the plumbing code adopted by this article. It shall be his duty to see that all laws, ordinances, code, rules and regulations relating to water and sanitary plumbing are properly enforced.

#### **Sec. 204-92. International Plumbing Code adopted.**

- (a) That certain documents, 3 copies of which are on file in the office of the Development Services Department, being marked and designated as International Plumbing Code, as published by the International Code Council be and is hereby adopted as the code of the city for regulating the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement addition to, use or maintenance of plumbing systems in the City of Yukon and providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, conditions and terms of such International Plumbing Code, 2015 edition, as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23 as it may from time to time be amended and subsequent amendments as listed below of the City of Yukon Code of Ordinances, is hereby adopted as the Code of the City as herein provided; and each and all regulations, provisions, penalties, conditions and terms of said plumbing code are hereby referred to, adopted, and made a part hereof, as if fully set out in this article with additions, insertions, deletions and changes.

- (b) Any registered contractor who desires to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any plumbing system, the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the Development Services Director or designee and obtain the required permit and pay all required permit fees and any additionally required fees. All such permit fees shall be set by the City Council of the City of Yukon by resolution.

**Section 204-93. - Registration of plumbers is amended.**

- a) No person shall work within the city at the trade of plumber or engage in the business of plumbing contracting, unless he is, at the time, registered with the plumbing inspector of the city.
- b) The registration fees shall be as established by resolution and shall be paid to the Development Services Department.
- c) Each registration issued under this section shall expire on August 31 of each year.

**Section 204-94 Additions, insertions, deletions to the International Plumbing Code**

**CHAPTER 1 SCOPE AND ADMINISTRATION**

**Section 101.1 Title is amended to insert:**

*101.1 Title.* City of Yukon, State of Oklahoma

**Section 106.1.1 Annual permit is amended to read as follows:**

106.1.1 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 Development Services Director or designee 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.

(OUBCC Amendment)

**Section 106.1.2 Annual permit records is amended to read as following:**

106.1.2 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 Development Services Director or designee 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 Development Services Director or designee. Pursuant to the authority of 59 O.S. §

1000.25, the Development Services Director or designee 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.  
(OUBCC Amendment)

**Section 106.6.2 Fee Schedule is hereby added to read as follows:**

*106.6.2 Fee Schedule.* Any plumbing contractor who intends to erect, install, enlarge, alter, repair, remove, convert any plumbing system(s), the installation of which is regulated by this code or to cause any such work to be done, shall first make application to the Development Services Department and obtain the required permit and shall pay all such required permit fees and any additional fees. All such fees shall be set by resolution by the City Council.

**Section 108.5 Stop work orders is amended to specify the following:**

*108.5 Stop Work Orders.* Upon notice from the Development Services Director or designee, 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, 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 Development Services Director or designee 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 an offense and upon conviction shall be punished as provided in Section 1-7 of the Code of Ordinances.

**CHAPTER 2 DEFINITIONS**

**The definition of a Building Drain is hereby amended to read as follows:**

*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.  
(OUBCC Amendment)

**CHAPTER 3 GENERAL REGULATIONS**

**Section 305.3 Pipes through foundation walls is added to read as follows:**

*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.  
(OUBCC Amendment)

**Section 305.6.1 Sewer depth is amended to read as follows:**

*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.  
(OUBCC Amendment)

**Section 305.7.1 Construction equipment is added to read as follows:**

*305.7.1 Construction equipment.* Construction equipment such as backhoes or bobcats, etc., shall not be permitted within a stem wall area or foundation perimeter after the plumbing system has been installed.

Exception:

Construction equipment shall be permitted within said prohibited areas where such equipment does not travel over or adjacent to the plumbing system subjecting it to physical damage, provided however, that the Development Services Director or designee shall be notified prior to the work and shall verify that no damage is done to the installation. Additional testing and inspection shall be required when construction equipment has been removed and before slab work is started.  
(OUBCC Amendment)

**312.3 Drainage and vent air test is amended to read as follows:**

*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.  
(OUBCC Amendment)

**312.10.1 Inspection is added to read as follows:**

*312.10.1 Inspection.* 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.  
(OUBCC Amendment)

#### **CHAPTER 4 FIXTURES, FAUCETS AND FIXTURE FITTINGS**

##### **Section 405.8 Slip-joint connections is added to read as follows:**

*405.8 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.

(OUBCC Amendment)

##### **Section 424.6.1 Hose connected outlets is added to read as follows:**

*424.6.1 Hose connected outlets.* All hose connected outlets installed where there is no access to the frost-proof sillcock connection, shall be secured to the structure in an approved manner.

(OUBCC Amendment)

#### **CHAPTER 5 WATER HEATERS**

##### **Section 502.1.1 Elevation and protection is added to read as follows:**

*502.1.1 Elevation and protection.* Equipment and appliances having an ignition source and located in hazardous locations and public garages, private garages, repair garages, automotive motor fuel-dispensing facilities and parking garages shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor surface on which the equipment or appliance rests. For the purpose of this section, rooms or spaces that are not part of the living space of a dwelling unit and that communicate directly with a private garage through openings shall be considered to be part of the private garage.

(OUBCC Amendment)

##### **Section 502.3 Water heaters installed in attics or unconditional spaces is amended to add the following:**

*502.3 Water heaters installed in attics or unconditional spaces.* All water heaters that are installed in unconditioned spaces are required to be installed in-condition enclosures.

(OUBCC Amendment)

##### **Section 504.7.2 Pan drain termination is amended to add exemption as follows:**

*504.7.2 Pan drain termination.* Exemption: When no plumbing drain is available in closet or inaccessible on an existing installation then an approved water monitoring

device shall be installed in the water heater pan for detection of water. The pan drain shall be capped.  
(OUBCC Amendment)

## **CHAPTER 6 WATER SUPPLY AND DISTRIBUTION**

### **Section 603.1 Size of water service pipe is added to read as follow:**

*603.1 Size of water service pipe.* The water service pipe shall be sized to supply water to the structure in the quantities and at the pressures required in this code. The water service pipe shall be not less than 1" in diameter from the meter to the valve inside the building.

Exception: Replacement of existing water service installation are allowed to have a ball valve installed on the outside of the structure where there is no access to the main water valve shutoff.  
(OUBCC Amendment)

### **Section 604.5 Size of fixture supply is added to read as follows:**

*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 permitted to be terminated more than 30 inches (762 mm) from the point of connection to the fixture.  
(OUBCC Amendment)

### **Section 608.14.2 Protection of backflow preventers is added to read as follows:**

*608.14.2 Protection of backflow preventers.* Backflow preventers shall not be located in areas subject to freezing except where they are protected from freezing by heat, insulation or both as required by the plumbing official. Plumbing and lawn irrigation have different requirements set by policy set forth by the Development Services Department and may be obtained from the Development Services Office.

## **CHAPTER 7 SANITARY DRAINAGE**

**Table 702.1 Above-ground drainage and vent pipe is amended to add a requirement as follows:**

*702.1 Above-ground drainage and vent pipe.* All plastic pipe is required to be a minimum thickness of Schedule 40 PVC (ABS, PVC).

**Table 702.2 Underground building drainage and vent pipe is amended to add a requirement as follows:**

*Table 702.2 Underground building drainage and vent pipe.* All plastic pipe is required to be a minimum thickness of Schedule 40 PVC (ABS, PVC).

**Table 702.3 Building sewer pipe is amended to add a requirement as follows:**

*Table 702.3 Building sewer pipe.* All plastic pipe is required to be a minimum thickness of Schedule 40 PVC (ABS, PVC).

**Section 705.11.2 Solvent cementing is added to read as follows:**

*705.11.2 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.

(OUBCC Amendment)

**Section 708.1.3 Building drain and building sewer junction is added to read as follows:**

*708.1.3 Building drain and building sewer junction.* The junction of the building drain and the building sewer shall be served by a cleanout that is located at the junction or within 12 feet (3658 mm) of the developed length of piping upstream of the junction. For the requirements of this section, the removal of the water closet shall not be required to provide cleanout access.

(OUBCC Amendment)

**Table 710.1 (1) Building drains and sewers is hereby added to read as follows:**

*710.1 (1) Building drains and sewers.*

DIAMETER OF PIPE (inches)	BUILDING DRAINS AND SEWERS MAXIMUM NUMBER OF DRAINAGE FIXTURE UNITS CONNECTED TO ANY PORTION OF THE BUILDING DRAIN OR THE BUILDING SEWER, INCLUDING BRANCHES OF THE BUILDING DRAIN <sup>a</sup>			
	Slope per foot			
	1/16 inch	1/8 inch	¼ inch	½ inch
2	-	-	21	26
2 ½	-	-	24	31
3	-	36	42	50
4	-	180	216	250
5	-	390	480	575
6	-	700	840	1,000
8	1,400	1,600	1,920	2,300
10	2,500	2,900	3,500	4,200
12	3,900	4,600	5,600	6,700
15	7,000	8,300	10,000	12,000

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm

### **CHAPTER 9 VENTS**

**Section 903.1 Roof extension is added to read as follows:**

903.1 *Roof extension.* Open vent pipes that extend through a roof shall be terminated not less than 10 inches (254 mm) above the roof. Where a roof is to be used for assembly or as a promenade, observation deck, sunbathing deck or similar purposes open vent pipes shall terminate not less than 7 feet (2134 mm) above the finished occupiable surface within 10 feet (3048 mm) horizontal distance.  
(OUBCC Amendment)

### **CHAPTER 10 TRAPS, INTERCEPTORS, AND SEPARATORS**

**Section 1003.4 Oil separators required is amended to add an exception as follows:**

<sup>a</sup> The minimum size of any building drain serving a water closet shall be 3 inches.



1003.4 Oil separators required.

Exception:

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

## **CHAPTER 11 STORM DRAINAGE**

### **Section 1101.7 Roof design is added to read as follows:**

*1101.7 Roof design.* Roofs shall be designed for the maximum possible depth of water that will pond thereon as determined by the relative levels of roof deck and overflow weirs, scuppers, edges or serviceable drains in combination with the deflected structural elements. In determining the maximum possible depth of water, all primary roof drainage means shall be assumed to be blocked. The maximum possible depth of water on the roof shall include the height of the water required above the inlet of the secondary roof drainage means to achieve the required flow rate of secondary drainage means to accommodate the design rainfall rate as required by Section 1108.

(OUBCC Amendment)

### **Table 1108.1 Size of secondary scuppers for a 10.2-inch per hour rate of rainfall is hereby added to read as follows:**

*Table 1108.1 Size of Secondary Scuppers for a 10.2-inch per hour rate of rainfall.*

<b>HORIZONTALLY PROJECTED ROOF AREA (SQUARE FEET)</b>							
<b>Head in Inches</b>	<b>Length of Weir in Inches</b>						
	<b>4</b>	<b>6</b>	<b>8</b>	<b>12</b>	<b>16</b>	<b>20</b>	<b>24</b>
<b>1</b>	112	169	226	339	452	565	678
<b>2</b>	314	471	628	942	1256	1571	1885
<b>3</b>	565	848	1130	1696	2262	2828	3393
<b>4</b>	879	1319	1759	2637	3519	4399	5279

For SI: 1 inch equals 25.4 mm.

Notes:

- (i) To adjust this table for other than a 10.2-inch design rain fall rate multiple the square footage on the table by 10.2 then divided by the design rainfall rate.

This table does not apply to scuppers with a vertical opening height that is less than the head height. Example: For 4 inches of design rainfall rate, a 4-inch long scupper with a 1-inch head would accommodate 286 square feet (112 times 10.2) divided by 4 equals 286.

(OUBCC Amendment)

**Section 1108.3 Sizing of secondary drains is added to read as follows:**

*1108.3 Sizing of secondary drains.* Secondary (emergency) roof drain systems or scuppers shall be sized in accordance with Section 1108 based on a rainfall rate of 10.2 inches per hour. 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. 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. Scuppers shall be sized in accordance with Table 1108.1 or by other national methods using the head height of water and flow rate of the scupper.

(OUBCC Amendment)

**CHAPTER 13 NONPOTABLE WATER SYSTEMS**

**Section 1301.9.6 Overflow is added to read as follows:**

*1301.9.6 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.

(OUBCC Amendment)

**Sec. 204-95. - Permit to install building sewer.**

1. It shall be unlawful for any person to install any building sewer, without first obtaining a permit from the Development Services Director or designee.
2. There shall be two classes of building sewer permits: One for residential and commercial service and one for service to establishments producing industrial wastes. In either case, the owner or his agent shall make application on a special form furnished by the city. The permit application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the director of the Development Services Department.

Sections 204-97 – 204-105 - Reserved.

**SECTION 2:**

All other provisions established by this section shall remain the same, as if specifically set out herein.

**SECTION 3:**

That if any section, subsection, sentence, clause or phrase of this legislation is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The City of Yukon hereby declares that it would have passed this law, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

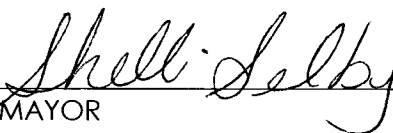
**SECTION 4: EMERGENCY:**

**WHEREAS**, it being immediately necessary for the preservation of the peace, health, safety and public good of the City of Yukon and the inhabitants thereof that the provisions of this ordinance be put into full force and effect, an emergency is hereby declared to exist by reason whereof this ordinance shall take effect, and be in full force from and after its passage, as provided by law.

**PASSED AND APPROVED** this 18<sup>TH</sup> day of AUGUST, 2020, with the Emergency Clause passed separately.

ATTEST:

  
CITY CLERK  
(SEAL)

  
MAYOR

