

**ORDINANCE NO. 2017-04-08**

**AN ORDINANCE OF THE CITY OF LANCASTER, TEXAS, REPEALING THE INTERNATIONAL PLUMBING CODE 2012 EDITION IN ITS ENTIRETY AND REPLACING IT WITH THE ADOPTION OF THE INTERNATIONAL PLUMBING CODE 2015 EDITION BY ADOPTING CHAPTER 6 BUILDING AND REGULATIONS, ARTICLE 6.04 TECHNICAL AND CONSTRUCTION CODES AND STANDARD, DIVISION 5, PLUMBING CODE, TO PROVIDE FOR THE AMENDMENTS TO THERETO; PROVIDING A PENALTY OF FINE NOT TO EXCEED TWO THOUSAND DOLLARS (\$2,000.00); PROVIDING FOR SEVERABILITY; PROVIDING FOR SEVERABILITY; PROVIDING A SAVINGS CLAUSE; PROVIDING A REPEALING CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE.**

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LANCASTER, TEXAS:**

**SECTION 1.** That Chapter 6 of the Lancaster Code of Ordinances be, and the same is, hereby repealed the International Plumbing Code Edition 2012 in its entirety and replacing it with the International Plumbing Code 2015 Edition by adopting Article 6.04, Division 5, Plumbing Code, to provide for the amendments to thereto, which shall read as follows:

**“ARTICLE 6.04 TECHNICAL AND CONSTRUCTION CODES AND STANDARDS**

....

**Division 5. Plumbing Code**

**Sec. 6.04.201. Adoption of Plumbing Code.**

There is hereby adopted as the plumbing code for the city for the purpose of regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of plumbing system the International Plumbing Code, 2015 Edition, including appendix, as published by the International Code Council, subject to the exceptions, amendments and interpretations described in this article, and the same are incorporated by reference herein as if fully copied. One copy of each such code, together with the exceptions and amendments thereto, shall be kept at all times in the office of the city secretary.

**Sec. 6.04.202. Exceptions and Amendments**

The Plumbing Code adopted in this article shall be subject to the exceptions and amendments to the International Plumbing Code, 2015 Edition, as follows:

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**To amend Table of Contents, Chapter 7, Section 714 to read as follows:**

“Section 714 Engineered Drainage Design . . . . . 69”

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**To amend Section 102.8; change to read as follows:**

**“102.8 Referenced codes and standards.** The codes and standards referenced in this code shall be those that are listed in Chapter 15 and such codes, when specifically adopted, and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference. Where the differences occur between provisions of this code and the referenced standards, the provisions of this code shall be the minimum requirements. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments. Any reference to NFPA 70 or National Electrical Code (NEC) shall mean the Electrical Code as adopted.”

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**To delete and amend Sections 106.6.2 and 106.6.3 to read as follows:**

**“106.6.2 Fee schedule.** The fees for all plumbing work shall be established by resolution of the governing body of the jurisdiction.

**106.6.3 Fee Refunds.** Delete this section in its entirety.

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**To amend Section 109 by deleting in its entirety and insert the following:**

**SECTION 109 MEANS OF APPEAL**

**“109.1 Application for appeal.** Any person shall have the right to appeal a decision of the code official to the board of appeals established by ordinance. The board shall be governed by the enabling ordinance.”

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**To amend Section 305.4.1 to read as follows:**

**“305.4.1 Sewer depth.** Building sewers shall be a minimum of 12 inches (304 mm) below grade.”

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**To amend Section 305.7 to read as follows:**

**“305.7 Protection of components of plumbing system.** Components of a plumbing system installed within 3 feet along alleyways, driveways, parking garages or other locations in a

manner in which they would be exposed to damage shall be recessed into the wall or otherwise protected in an approved manner.”

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**To amend Section 314.2.1 to read as follows:**

**“314.2.1 Condensate disposal.** Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. .... {text unchanged} ... Condensate shall not discharge into a street, alley, sidewalk, rooftop, or other areas so as to cause a nuisance.”

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**To amend Section 409.2 to add to said Section:**

**“409.2 Water connection.** The water supply to a commercial dishwashing machine shall be protected against backflow by an air gap or backflow preventer in accordance with Section 608:.....”

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**To amend Section 412.4 to read as follows:**

**“412.4 Required location for floor drains.** Floor drains shall be installed in the following areas.

1. In public coin-operated laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet of not less than 3 inches (76 mm) in diameter.
2. Commercial kitchens. (In lieu of floor drains in commercial kitchens, the code official may accept floor sinks.)
3. Public restrooms.”

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**To amend Section 419.3 to read as follows:**

**“419.3 Surrounding material.** Wall and floor space to a point 2 feet (610 mm) in front of a urinal lip and 4 feet (1219 mm) above the floor and at least 2 feet (610 mm) to each side of the urinal shall be waterproofed with a smooth, readily cleanable, hard, nonabsorbent material.”

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**To amend Section 502.3 to read as follows:**

**“502.3 Appliances in attics.** Attics containing a water heater shall be provided ..... side of the water heater. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions be not less than 20 inches by 30 inches (508mm by 762mm) where such dimensions are large enough to allow removal of the water heater. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for access to the attic space, provide one of the following:

1. A permanent stair.
2. A pull down stair with a minimum 300 lb (136 kg) capacity.
3. An access door from an upper floor level.
4. Access Panel may be used in lieu of items 1, 2, and 3 with prior approval of the code official due to building conditions.

**Exceptions:**

1. The passageway and level service space are not required where the appliance is capable of being serviced and removed .....

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**To amend Section 502.6 by adding a new Section 502.6 to read as follows:**

**“502.6 Water heaters above ground or floor.** When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

**Exception:** A max 10- gallon water heater (or larger with approval) is capable of being accessed through a lay-in ceiling and a water heater is installed is not more than ten (10) feet (3048 mm) above the ground or floor level and may be reached with a portable ladder.”

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**To amend Section 504.6 to read as follows:**

**“504.6 Requirements for discharge piping.** The discharge piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

1. Not be directly connected to the drainage system.
2. Discharge through an air gap.
3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap.
4. Serve a single relief device and shall not connect to piping serving any other relief device or equipment.

**Exception:** Multiple relief devices may be installed to a single T & P discharge piping system when approved by the administrative authority and permitted by the manufactures installation instructions and installed with those instructions.

5. Discharge, to an indirect waste receptor or to the outdoors.
6. Discharge in a manner that does not cause personal injury or structural damage.
7. Discharge to a termination point that is readily observable by the building occupants.
8. Not be trapped.
9. Be installed so as to flow by gravity.
10. Terminate not more than 6 inches above and not less than two times the discharge pipe diameter above the floor or flood level rim of the waste receptor.
11. Not have a threaded connection at the end of such piping.
12. Not have valves or tee fittings.
13. 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.”

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**To amend Section 504.7.1 to read as follows:**

**“Section 504.7.1 Pan size and drain to read as follows:** The pan shall be not less than 1 1/2 inches (38 mm) in depth and shall be of sufficient size and shape to receive all dripping or condensate from the tank or water heater. The pan shall be drained by an indirect waste pipe having a diameter of not less than 3/4 inch (19 mm). Piping for safety pan drains shall be of those materials listed in Table 605.4. Multiple pan drains may terminate to a single discharge piping system when *approved* by the administrative authority and permitted by the manufactures installation instructions and installed with those instructions.”

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**To amend Section 604.4 by adding Section 604.4.1 to read as follows:**

**“604.4.1 State maximum flow rate.** Where the State mandated maximum flow rate is more restrictive than those of this section, the State flow rate shall take precedence.”

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**To delete subsection items #4 and #5 in Section 606.1 in its entirety.**

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**To amend Section 606.2 to read as follows:**

**“606.2 Location of shutoff valves.** Shutoff valves shall be installed in the following locations:

1. On the fixture supply to each plumbing fixture other than bathtubs and showers in one- and two-family residential occupancies, and other than in individual sleeping units that are provided with unit shutoff valves in hotels, motels, boarding houses and similar occupancies.

2. On the water supply pipe to each appliance or mechanical equipment.”

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**To amend Section 608.1 to read as follows:**

**“608.1 General.** A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from non-potable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to applicable local regulations, Table 608.1, and as specifically stated in Sections 608.2 through 608.16.10.”

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**To amend Section 608.16.5 to read as follows:**

**“608.16.5 Connections to lawn irrigation systems.**

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 double-check assembly 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.”

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**To amend Section 608.17 to read as follows:**

**“608.17 Protection of individual water supplies.** An individual water supply shall be located and constructed so as to be safeguarded against contamination in accordance with applicable local regulations. Installation shall be in accordance with Sections 608.17.1 through 608.17.8.”

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**To amend Section 610.1 by adding exception to read as follows:**

**“610.1 General.** New or repaired potable water systems shall be purged of deleterious matter and disinfected prior to utilization. The method to be followed shall be that prescribed by the health authority or water purveyor having jurisdiction or, in the absence of a prescribed method, the procedure described in either AWWA C651 or AWWA C652, or as described in this section. This requirement shall apply to “on-site” or “in-plant” fabrication of a system or to a modular portion of a system.

1. The pipe system shall be flushed with clean, potable water until dirty water does not appear at the points of outlet.
2. The system or part thereof shall be filled with a water/chlorine solution containing at least 50 parts per million (50 mg/L) of chlorine, and the system or part thereof shall be valved off and allowed to stand for 24 hours; or the system or part thereof shall be filled with a water/chlorine solution containing at least 200 parts per million (200 mg/L) of chlorine and allowed to stand for 3 hours.

3. Following the required standing time, the system shall be flushed with clean potable water until the chlorine is purged from the system.
4. The procedure shall be repeated where shown by a bacteriological examination that contamination remains present in the system.

**Exception:** With prior approval the Code Official may wave this requirement when deemed un-necessary.”

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**To delete Section 703.6 in its entirety**

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**To amend Section 704.5 by adding to read as follows:**

**“704.5 Single stack fittings.** Single stack fittings with internal baffle, PVC schedule 40 or cast iron single stack shall be designed by a registered engineer and comply to a national recognized standard.”

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**To amend Section 705.11.2 and to delete exceptions 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.”

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**To amend Section 712.5 by adding Section 712.5 to read as follows:**

**“712.5 Dual Pump System.** All sumps shall be automatically discharged and, when in any public use occupancy where the sump serves more than 10 fixture units, shall be provided with dual pumps or ejectors arranged to function independently in case of overload or mechanical failure. For storm drainage sumps and pumping systems, see Section 1113.”

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**To amend Section 714, 714.1 to read as follows:**

**“SECTION 714**

**ENGINEERED DRAINAGE DESIGN**

**714.1 Design of drainage system.** The sizing, design and layout of the drainage system shall be designed by registered engineer using approved design methods.”

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To amend Section 804.2 by adding section to read as follows:

**“804.2 Special waste pipe, fittings, and components.** Pipes, fittings, and components receiving or intended to receive the discharge of any fixture into which acid or corrosive chemicals are placed shall be constructed of CPVC, high silicone iron, PP, PVDF, chemical resistant glass, or glazed ceramic materials.”

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To amend Section 903.1 to read as follows:

**“903.1 Roof extension.** All open vent pipes that extend through a roof shall terminate at least six (6) inches (152 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 roof.”

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To delete Section 917, Single stack vent systems in its entirety.

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To delete Section 1002.10 in its entirety

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To add a footnote to Section 1003 to read as follows:

*“{Until the Health and Water Departments of the area can coordinate a uniform grease interceptor section, each city will have to modify this section individually.}”*

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To amend Section 1101.8 to read as follows:

**“1101.8 Cleanouts required.** Cleanouts or manholes shall be installed in the storm drainage system and shall comply with the provisions of this code for sanitary drainage pipe cleanouts.”

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To amend Section 1106.1 to read as follows:

**“1106.1 General.** The size of the vertical conductors and leaders, building storm drains, building storm sewers, and any horizontal branches of such drains or sewers shall be based on six (6) inches per hour rainfall rate.”

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To amend Section 1108.3 to read as follows:



**“1108.3 Sizing of secondary drains.** Secondary (emergency) roof drain systems shall be sized in accordance with Section 1106. 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.”

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**To delete Section 1109 in its entirety.**

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**To delete exception #2 in Section 1202.1. in its entirety”**

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**SECTION 2.** Any person, firm or corporation violating any of the provisions of this ordinance or the provisions of the Code of Ordinances of the City of Lancaster, Texas, as amended hereby, shall be deemed guilty of a misdemeanor and, upon conviction in the municipal court of the City of Lancaster, Texas, shall be subject to a fine not to exceed the sum of Two Thousand (\$2,000.00) dollars for each offense, and each and every day such offense shall continue shall be deemed to constitute a separate offense.


**SECTION 3.** That all provisions of the Ordinances of the City of Lancaster, Texas, in conflict with the provisions of this ordinance be, and the same are hereby, repealed, and all other provisions of the Ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

**SECTION 4.** That should any word, sentence, paragraph, subdivision, clause, phrase or section of this ordinance, or of the Code of Ordinances, as amended hereby, be adjudged or held to be void or unconstitutional, the same shall not affect the validity of the remaining portions of said ordinance or the Code of Ordinances, as amended hereby, which shall remain in full force and effect.


**SECTION 5.** That this ordinance shall take effect immediately from and after its passage as the law and charter in such cases provide.

**DULY PASSED** and approved by the City Council of the City of Lancaster, Texas, this the 10<sup>th</sup> day of April, 2017.

**ATTEST:**

  
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Sorangel O. Arenas, City Secretary

**APPROVED:**

  
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Marcus E. Knight, Mayor

**APPROVED AS TO FORM:**

  
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Robert E. Hager, City Attorney