

ORDINANCE NO. 1153

AN ORDINANCE OF THE CITY OF LAKE WORTH, TEXAS AMENDING CHAPTER 3 "BUILDING REGULATIONS" OF THE LAKE WORTH CODE OF ORDINANCES, REPEALING ARTICLE 3.1700 "TECHNICAL AND CONSTRUCTION CODES ADOPTED", DIVISION 3 "INTERNATIONAL PLUMBING CODE" BY REPEALING AND REPLACING IT WITH A NEW SECTION 3, ENTITLED "INTERNATIONAL PLUMBING CODE ADOPTED," AND BY ADOPTING THE 2018 EDITION OF THE INTERNATIONAL PLUMBING CODE; REPEALING ALL CONFLICTING ORDINANCES; PROVIDING A PENALTY NOT TO EXCEED \$2,000.00 FOR EACH VIOLATION; PROVIDING FOR A SAVINGS CLAUSE; PROVIDING FOR A SEVERABILITY CLAUSE; PROVIDING FOR PUBLICATION IN THE OFFICIAL NEWSPAPER; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Lake Worth, Texas (the "City") is a Home Rule City acting under its charter adopted by the electorate pursuant to Article 11, Section 5 of the Texas Constitution and Chapter 9 of the Texas Local Government Code; and

WHEREAS, a new edition of the *International Plumbing Code* ("IPC") is produced every three (3) years, and the 2017 Edition of the NEC has recently been issued by the National Fire Protections Association ("NFPA"); and

WHEREAS, the International Conference of Building Officials ("ICBO") in conjunction with the ICC have developed the IPC, and in addition it is reviewed by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments ("NCTCOG"); and

WHEREAS, the City's plumbing code is intended to be updated periodically, and the 2018 edition of the IPC is the most current published plumbing code at this time; and

WHEREAS, the adoption of the 2018 Edition of the IPC, including local amendments, will provide the most current life safety applications with respect to construction, occupancy, use and maintenance of buildings and structures in the City; and

WHEREAS, the current plumbing code in the City is the 2012 edition of the IPC, and the City's plumbing code should be updated to the most current published code available; and

WHEREAS, the City Council of the City of Lake Worth, Texas, has determined that it is in the best interest of the citizens of the City of Lake Worth to update and adopt the 2018 edition of the IPC the minimum standard for plumbing installations, as set forth herein and as the code specifically modified by the ordinance.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LAKE WORTH, TEXAS:

SECTION 1.

The above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes:

SECTION 2.

All ordinances and provisions of the City of Lake Worth, Texas that are in conflict with this ordinance shall be and the same are hereby repealed, and all ordinances and provisions of ordinances of said City not so repealed are hereby retained in full force and effect.

SECTION 3.

From and after the effective date of this ordinance, Section 3.1700, Technical and Construction Codes, Division 3, of the Code of Ordinances of the City of Lake Worth, entitled "International Plumbing Code," is hereby repealed and replaced with a new Section 3 entitled "International Plumbing Code Adopted," to read as follows":

Sec.3.1703 International Plumbing Code Adopted

The IPC, 2018 edition, a copy of which is on file with the City Secretary, is hereby adopted and designated as the plumbing code of the city the same as though the provisions, of the IPC, 2018 edition, were copied at length in this section, subject to and modified by amending only the enumerated sections and provisions, as follows, and all sections and provisions not expressly amended or deleted shall remain in full force and effect. Where an amendment is not clear or is silent regarding a certain requirement, the requirements of the IPC, 2018 edition, shall be met.

- (1) Table of Contents, Chapter 7, Section 714 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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- (2) Section 102.8 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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 adopted amendments. Any reference to NFPA 70 shall mean the Electrical Code as adopted.

- (3) Section 106.6.2 and 106.6.3 of the IPC, 2018 edition is hereby amended by changing the following to read as:

106.6.2 Fee schedule. The fees for all plumbing work shall be as adopted by resolution of the governing body of the jurisdiction.

106.6.3 Fee Refunds. The code official shall establish a policy for authorizing the refunding of fees. *{Delete balance of section}*

- (4) Section 109 of the IPC, 2018 edition is hereby amended by deleting the section in its entirety and inserting the following to read as:

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.

- (5) Section 305 of the IPC, 2018 edition is hereby amended by changing the following to read as:

305.1 Protection against contact. Metallic piping, except for cast iron, ductile iron and galvanized steel, shall not be placed in direct contact with steel framing members, concrete or cinder walls and floors or other masonry. Metallic piping shall not be placed in direct contact with corrosive soil. Where sheathing is used to prevent direct contact, the sheathing shall have a thickness of not less than 0.008 inch (8 mil) (0.203 mm) and the sheathing shall be made of approved material. Where sheathing protects piping that penetrates concrete or masonry walls or floors, the sheathing shall be installed in a manner that allows movement of the piping within the sheathing.

- (6) Section 305.4.1 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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

- (7) Section 305.7 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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 could be exposed to damage shall be recessed into the wall or otherwise protected in an *approved* manner.

- (8) Section 306 of the IPC, 2018 edition is hereby amended by changing the following to read as:

306.2.4 Plastic sewer and DWV piping installation. Plastic sewer and DWV piping installed underground shall be installed in accordance with the manufacturer's installation instructions. Trench width shall be controlled to not exceed the outside the pipe diameter plus 16 inches or in a trench which has a controlled width equal to the nominal diameter of the diameter of the piping multiplied by 1.25 plus 12 inches. The piping shall be bedded in 4 inches of granular fill and then backfilled compacting the side fill in 6-inch layers on each side of the piping. The compaction shall be to minimum of 85 percent standard proctor density and extend to a minimum of 6 inches above the top of the pipe.

- (9) Section 314.2.1 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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.

- (10) Section 409.2 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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. (Remainder of section unchanged).

- (11) Section 413.4 of the IPC, 2018 edition is hereby amended by changing the following to read as:

413.4 Required location for floor drains Floor drains shall be installed in the following areas:

1. In public 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.

- (12) Section 502.3 of the IPC, 2018 edition is hereby amended by changing the following to read as:

502.3 Water heaters installed in attics. Attics containing a water heater shall be provided . . . {bulk of paragraph unchanged} . . . side of the water heater. The clear access opening dimensions shall be not less than 20 inches by 30 inches (508 mm by 762 mm) where such dimensions are large enough to allow removal of the water heater. 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... {remainder of text unchanged}.

- (13) Section 502.6 of the IPC, 2018 edition is hereby amended by adding the following to read as:

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.

- (14) Section 504.6 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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 manufacture's installation instructions and installed with those instructions.

5. Discharge to the floor, to the pan serving the water heater or storage tank, to a waste receptor an approved location 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.
14. Be one nominal size larger than the size of the relief valve outlet, where the relief valve discharge piping is installed with insert fittings. The outlet end of such tubing shall be fastened in place.

(15) Section 504.7.1 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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.

- (16) Section 608.1 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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.

- (17) Section 608.17.5 of the IPC, 2018 edition is hereby amended by changing the following to read as:

608.17.5 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

- (18) Section 608.18 of the IPC, 2018 edition is hereby amended by changing the following to read as:

608.18 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

(19) Section 703.6 of the IPC, 2018 edition is hereby amended by deleting the section in its entirety.

(20) Section 704.5 of the IPC, 2018 edition is hereby amended by adding the following to read as:

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.

(21) Section 712.5 of the IPC, 2018 edition is hereby amended 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.

(22) Section 713, 713.1 of the IPC, 2018 edition is hereby amended by changing the following to read as:

SECTION 713 ENGINEERED DRAINAGE DESIGN

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

(23) Section 803.3 of the IPC, 2018 edition is hereby amended by adding following to read as:

803.3 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.

(24) Section 903.1 of the IPC, 2018 edition is hereby amended by changing the following to read as:

903.1 Roof extension. Open vent pipes that extend through a roof shall terminate not less than 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 the roof.

- (25) Section 918.8 of the IPC, 2018 edition is hereby amended by changing the following to read as:

918.8 Where permitted. Individual, branch and circuit vents shall be permitted to terminate with a connection to an individual or branch-type air admittance valve in accordance with Section 918.3.1. Stack vents and vent stacks shall be permitted to terminate to stack-type air admittance valves in accordance with Section 918.3.2. Air admittance valves shall only be installed with the prior approval of the building official.

- (26) Section 1003 of the IPC, 2018 edition is hereby amended by changing the following to read as:

{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.}

- (27) Section 1106.1 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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.

- (28) Section 1108.3 of the IPC, 2018 edition is hereby amended by changing the following to read as:

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.

(29) Section 1109 of the IPC, 2018 edition is hereby amended by deleting the section in its entirety.

(30) Section 1202.1 of the IPC, 2018 edition is hereby amended by deleting Exceptions 1 and 2.

SECTION 4. CUMULATIVE CLAUSE

This Ordinance shall be cumulative of all provisions of all other ordinances of the City of Lake Worth, Texas except where the provisions of this Ordinance are in direct conflict with the provisions of such ordinances, in which event the conflicting provisions of such ordinances are hereby repealed.

SECTION 5. PENALTY CLAUSE

Any person, firm or corporation who violates, disobeys, omits, neglects or refuses to comply with or who resists the enforcement of any of the provisions of this Ordinance shall be fined not more than Two Thousand Dollars (\$2,000.00) for each offense. Each day that a violation is permitted to exist shall constitute a separate offense.

SECTION 6. SEVERABILITY CLAUSE

It is hereby declared to be the intention of the City Council of the City of Lake Worth that the phrases, clauses, sentences, paragraphs, and sections of this Ordinance are severable, and if any phrase, clause, sentence, paragraph or section of this Ordinance shall be declared invalid or unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such invalidity or unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this Ordinance, since the same would have been enacted by the City Council without the incorporation in this ordinance of any such unconstitutional phrase, clause, sentence, paragraph or section.

SECTION 7. SAVINGS CLAUSE

All rights or remedies of the City of Lake Worth, Texas are expressly saved as to any and all violations of the provisions of any ordinance affecting zoning or land use, which have accrued at the time of the effective date of this Ordinance; and as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not, under such Ordinances, same shall not be affected by this Ordinance but may be prosecuted until final disposition by the Courts.

**SECTION 8.
ENGROSSMENT AND ENROLLMENT**

The City Secretary of the City of Lake Worth is hereby directed to engross and enroll this Ordinance by copying the caption, publication clause and effective date clause in the minutes of the City Council and by filing the Ordinance in the Ordinance Records of the City.

**SECTION 9.
PUBLICATION**

The City Secretary of the City of Lake Worth is hereby directed to publish in the official newspaper of the City of Lake Worth, the caption, the penalty clause, publication clause, and effective date clause of this ordinance two (2) days as authorized by Section 52.013 of the Local Government Code.

**SECTION 10.
EFFECTIVE DATE**

This Ordinance shall be in full force and effect from and after its passage and publication as required by law, and it is so ordained.

PASSED AND APPROVED on 13th day of August, 2019.

CITY OF LAKE WORTH

By: Walter Bowen
Walter Bowen, Mayor

ATTEST:

Monica Solko
Monica Solko, City Secretary

APPROVED AS TO FORM AND LEGALITY:

Drew Larkin
Drew Larkin, City Attorney