

CITY OF FORNEY, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF FORNEY, TEXAS, AMENDING CHAPTER 3 OF THE CODE OF ORDINANCES OF THE CITY OF FORNEY, TEXAS, BY AMENDING ARTICLE 3.02, DIVISION 4, “PLUMBING CODE,” ADOPTING THE 2018 EDITION OF THE *INTERNATIONAL PLUMBING CODE* BY THE AMENDMENT OF SECTION 3.02.151, “ADOPTION,” AND ESTABLISHING AMENDMENTS TO THE 2018 EDITION OF THE *INTERNATIONAL PLUMBING CODE* IN ACCORDANCE WITH THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS’ RECOMMENDED AMENDMENTS, LOCAL AMENDMENTS AND INDUSTRY STANDARDS THROUGH THE AMENDMENT OF SECTION 3.02.152, “AMENDMENTS”; PROVIDING A PENALTY; REPEALING ALL CONFLICTING ORDINANCES; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the International Code Council (“ICC”) has developed a set of comprehensive and coordinated national model construction codes (known as the “International Codes”), and the City of Forney, Texas (“City”) has been involved throughout the development process of the International Codes, through the North Texas Chapter of the International Code Council and through the regional review process by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments (“NCTCOG”); and

WHEREAS, the *International Plumbing Code* has been prepared by the ICC and in addition to review by the NCTCOG, has been reviewed by City staff; and

WHEREAS, the City’s plumbing code is intended to be updated periodically, and the 2018 edition of the *International Plumbing Code* is the most current, published plumbing code at this time; and

WHEREAS, the 2018 edition of the *International Plumbing Code* addresses the general design and construction aspects of all plumbing in the City, except for one- and two-family dwellings and townhouses (which are covered by the International Residential Code); and

WHEREAS, the current plumbing code in the City is the 2015 edition of the *International Plumbing Code*, and the City’s plumbing code should be updated to the most current, published plumbing codes available; and

WHEREAS, the City Council of the City of Forney, Texas (“City Council”) has determined that it is in the best interest of the citizens of the City of Forney to update and adopt the 2018 edition of the *International Plumbing Code* as the minimum standard for the construction, use, occupancy, and maintenance of plumbing in buildings and structures within City limits, as set forth herein and as that code is specifically modified by this Ordinance.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FORNEY, TEXAS, THAT:

Section 1. FINDINGS INCORPORATED

All of the above premises are found to be true and correct factual and legislative determinations of the City of Forney and are hereby approved and incorporated into the body of this Ordinance as if copied in their entirety.

Section 2. AMENDMENT OF ORDINANCE

From and after the effective date of this Ordinance, Chapter 3, Article 3.02, Division 4, of the Code of Ordinances of the City of Forney, Texas, entitled “Plumbing Code,” is hereby amended by amending Sections 3.02.151, entitled “Adoption,” and 3.02.152, entitled “Amendments,” in their entirety and replacing said provisions with new Sections 3.02.151, entitled “Adoption of *International Plumbing Code*,” and 3.02.152, entitled “*International Plumbing Code* Amendments,” to read as follows:

“Sec. 3.02.151 Adoption of *International Plumbing Code*.

The *International Plumbing Code*, 2018 edition, a copy of which is on file in the offices of the City of Forney, is hereby adopted and designated as the Plumbing Code of the City, the same as though the provisions of the *International Plumbing Code*, 2018 edition, were copied at length in this section, subject to the deletions, amendments, and additions provided in section 3.02.152.

Sec. 3.02.152 *International Plumbing Code* Amendments.

The following amendments repeal and reenact or add sections to the *International Plumbing Code*, 2018 edition, adopted by Section 3.02.151 of this Code for the purpose of consistency with specific past practices and the recommendations of the North Central Texas Council of Governments, and all sections not expressly amended remain in full force and effect as adopted.

- (1) The Table of Contents, Chapter 7, Section 714 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

714 Engineered Drainage Design 69

- (2) Section 101.1 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

101.1. Title. These regulations shall be known as the Plumbing Code for the City of Forney and shall be cited as such. It is referred to herein as the “this code.”

- (3) Section 102.8 of the *International Plumbing Code*, 2018 edition, is hereby amended 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 adopted amendments. Any reference to NFPA 70 or the *National Electrical Code* (NEC) shall mean the Electrical Code as adopted.

- (4) Sections 106.6.2 and 106.6.3 of the *International Plumbing Code*, 2018 edition, are hereby amended to read as follows:

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}*

- (5) Section 109 of the *International Plumbing Code*, 2018 edition, is hereby deleted and replaced to read as follows:

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.

- (6) Section 305 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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 the movement of the piping within the sheathing.

- (7) Section 305.4.1 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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

- (8) Section 305.7 of the *International Plumbing Code*, 2018 edition, is hereby amended 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 could be exposed to damage shall be recessed into the wall or otherwise protected in an *approved* manner.

- (9) Section 306 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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.

- (10) Section 314.2.1 of the *International Plumbing Code*, 2018 edition, is hereby amended 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.

- (11) Section 409.2 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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)

- (12) Section 413.4 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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.

- (13) Section 502.3 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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 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. 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 section unchanged}

(14) Section 502.6 of the *International Plumbing Code*, 2018 edition, is hereby added 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.

(15) Section 504.6 of the *International Plumbing Code*, 2018 edition, is hereby amended 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.
14. Be one normal 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.

- (16) Section 504.7.1 of the *International Plumbing Code*, 2018 edition, is hereby amended 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.

- (17) Section 608.1 of the *International Plumbing Code*, 2018 edition, is hereby amended 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.

- (18) Section 608.17.5 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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.

- (19) Section 608.18 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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.

- (20) Section 703.6 of the *International Plumbing Code*, 2018 edition, is hereby deleted.

- (21) Section 704.5 of the *International Plumbing Code*, 2018 edition, is hereby added 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.

- (22) Section 712.5 of the *International Plumbing Code*, 2018 edition, is hereby added 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.

- (23) Sections 713 and 713.1 of the *International Plumbing Code*, 2018 edition, are hereby amended to read as follows:

**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.

- (24) Section 803.3 of the *International Plumbing Code*, 2018 edition, is hereby added to read as follows:

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.

- (25) Section 903.1 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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.

- (26) Section 918.8 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

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.

- (27) Section 1003.2 of the *International Plumbing Code*, 2018 edition, is hereby amended to read as follows:

1003.2 Approval. The size, type and location of each interceptor and of each separator shall be designed and installed in accordance with the manufacturer's instructions and the requirements of this section based on the anticipated conditions of use. All interceptors and separators must be designed by a licensed engineer per the requirements of this code. Wastes that do not require treatment or separation shall not be discharged into any interceptor or separator.

- (28) Section 1106.1 of the *International Plumbing Code*, 2018 edition, is hereby amended 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.

- (29) Section 1108.3 of the *International Plumbing Code*, 2018 edition, is hereby amended 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.

- (30) Section 1109 of the *International Plumbing Code*, 2018 edition, is hereby deleted.

- (31) Section 1202.1 of the *International Plumbing Code*, 2018 edition, is hereby amended to delete Exception 2.

Section 3. PENALTY CLAUSE

Any person, firm or corporation violating any of the provisions or terms of this Ordinance or the Code of Ordinances as amended hereby shall be deemed guilty of a misdemeanor, and upon conviction shall be punished by a fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense, and each and every day such violation shall continue shall constitute a separate offense.

Section 4. SEVERABILITY CLAUSE

It is hereby declared to be the intention of the City Council 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 unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such 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 of this Ordinance of any such unconstitutional phrase, clause, sentence, paragraph or section.

Section 5. REPEALER CLAUSE

Any provision of any prior ordinance of the City, whether codified or uncoded, which is in conflict with any provision of this Ordinance, is hereby repealed to the extent of the conflict, but all other provisions of the ordinances of the City, whether codified or uncoded, which are not in conflict with the provisions of this Ordinance shall remain in full force and effect.

Section 6. EFFECTIVE DATE

This Ordinance shall become effective immediately upon its passage and publication as required by law.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Forney, Texas,
on this the _____ day of _____, 2020.

Mary Penn, Mayor

ATTEST:

Dorothy Brooks, TRMC, CMC, City Secretary

APPROVED AS TO FORM AND LEGALITY:

Jon Thatcher, City Attorney