

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS, REPEALING ORDINANCE NO. 19-11-99; AMENDING DIVISION 7 (PLUMBING), ARTICLE IV (TECHNICAL CODES), CHAPTER 18 (BUILDINGS AND BUILDING REGULATIONS), PART II OF THE FRISCO CODE OF ORDINANCES, ORDINANCE NO. 06-03-31, AS AMENDED; ADOPTING THE 2021 EDITION OF THE INTERNATIONAL PLUMBING CODE, SAVE AND EXCEPT THE DELETIONS AND ADDITIONS SET FORTH HEREIN; REGULATING THE ERECTION, INSTALLATION, ALTERATION, REPAIRS, RELOCATION, REPLACEMENT, ADDITION TO, USE AND MAINTENANCE OF PLUMBING SYSTEMS WITHIN THE CITY OF FRISCO, TEXAS; PROVIDING A PENALTY CLAUSE, SAVINGS/REPEALING CLAUSE, SEVERABILITY CLAUSE AND AN EFFECTIVE DATE; AND PROVIDING FOR THE PUBLICATION OF THE CAPTION HEREOF.**

WHEREAS, the City Council of the City of Frisco, Texas ("City Council") has investigated and determined that it would be advantageous, beneficial and in the best interest of the citizens of the City of Frisco, Texas ("Frisco") to amend Division 7 (Plumbing), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances, Ordinance No. 06-03-31, as amended ("Code of Ordinances"), by adopting the 2021 Edition of the International Plumbing Code, save and except the deletions and additions set forth below; and

WHEREAS, the City Council has investigated and determined that in order to most effectively make the deletions and additions necessary to Division 7 (Plumbing), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances, it is in the best interest of the citizens of Frisco to repeal Ordinance No. 19-11-99 (Plumbing Code), in its entirety, and replace it with this Ordinance, adopting the 2021 Edition of the International Plumbing Code, save and except the deletions and additions set forth below.

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

SECTION 1: Findings Incorporated. The findings set forth above are incorporated into the body of this Ordinance as if fully set forth herein.

SECTION 2: Repeal of Ordinance No. 19-11-99. Ordinance No. 19-11-99 is hereby repealed, in its entirety, and replaced by this Ordinance. The effective date of the repeal discussed in this Section shall not occur until the effective date of this Ordinance at which time Ordinance No. 19-11-99 shall be repealed. Such repeal shall not abate any pending prosecution and/or lawsuit or prevent any prosecution and/or lawsuit from being commenced for any violation of Ordinance No. 19-11-99 occurring before the effective date of this Ordinance.

SECTION 3: Amendment to Division 7 (Plumbing), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances. Division 7 (Plumbing), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances is hereby amended for the sole purpose of adopting new plumbing code regulations as set forth in the International Plumbing Code, copyrighted by the International Code Council, Inc., save and except the deletions and additions set forth in Exhibit A, attached hereto and incorporated herein for all purposes, regulating the erection, installation, alteration, repairs, relocation, replacement, addition to, use and maintenance of plumbing systems within Frisco ("2021 International Plumbing Code"). The 2021 International Plumbing Code is made a part of this Ordinance as if fully set forth herein. Three (3) copies of the 2021 International Plumbing Code are on file in the office of the City Secretary of Frisco being marked and designated as the 2021 International Plumbing Code. The deletions and additions set forth in Exhibit A are located on Frisco's website under Development Services.

SECTION 4: Savings/Repealing. All provisions of any ordinance in conflict with this Ordinance are hereby repealed to the extent they are in conflict; but such repeal shall not abate any pending prosecution for violation of the repealed ordinance, nor shall the repeal prevent a prosecution from being commenced for any violation if occurring prior to the repeal of the ordinance. Any remaining portion of conflicting ordinances shall remain in full force and effect.

SECTION 5: Penalty Provision. Any person, firm, corporation or business entity violating this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction therefore, shall be fined a sum not exceeding TWO THOUSAND AND NO/100 DOLLARS (\$2,000.00), and each and every day that such violation continues shall be considered a separate offense; provided, however, that such penal provision shall not preclude a suit to enjoin such violation. Frisco retains all legal rights and remedies available to it pursuant to local, state and federal law.

SECTION 6: Severability. Should any section, subsection, sentence, clause or phrase of this Ordinance be declared unconstitutional and/or invalid by a court of competent jurisdiction, it is expressly provided that any and all remaining portions of this Ordinance shall remain in full force and effect. Frisco hereby declares that it would have passed this Ordinance, and each section, subsection, clause or phrase thereof, regardless of whether any one or more sections, subsections, sentences, clauses or phrases is declared unconstitutional and/or invalid.

SECTION 7: Effective Date. This Ordinance shall become effective upon its passage and publication as required by the City Charter and by law.

*[The remainder of this page intentionally left blank.]*

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF  
FRISCO, TEXAS, on this 15th day of November, 2022.



Jeff Cheney  
Jeff Cheney, Mayor

ATTESTED AND CORRECTLY  
RECORDED:

Kristi Morrow  
Kristi Morrow, City Secretary

APPROVED AS TO FORM:

Aliceson Cotton  
Abernathy Roeder Boyd & Hullett, P.C.  
Aliceson Cotton, City Attorneys

Dates of Publication: November 20, 2022  
and November 27, 2022, *Frisco Enterprise*

**Exhibit A**  
**CITY OF FRISCO DELETIONS/ADDITIONS**  
**2021 INTERNATIONAL PLUMBING CODE<sup>1</sup>**

The following deletions and additions of the 2021 International Plumbing Code are hereby approved and adopted (*i.e.*, deletions evidenced by ~~strike through~~ and additions evidenced by underline)<sup>2</sup>:

**Chapter 1. Scope and Administration** of the 2021 International Plumbing Code is amended as follows:

**Section 102 Applicability** of the 2021 International Plumbing Code is amended 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 and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.8.1 and 102.8.2. 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.

**Section 109 Fees** of the 2021 International Plumbing Code is amended as follows:

**109.2 Schedule of permit fees** ~~Where work requires a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority. The fees for all plumbing work shall be as established in Frisco's Comprehensive Master Fees Ordinance, as amended.~~

**109.5 Refunds.** ~~The code building official is authorized to establish a refund policy. may authorize the refunding of any fee paid hereunder which was erroneously paid or collected.~~

The building official may authorize a refund not to exceed eighty percent (80%) of the permit fee paid when no work has been done under a permit issued in accordance with this code.

The building official may authorize a refund not to exceed eighty percent (80%) of the plan review fee paid when an application for a permit for which

---

<sup>1</sup> Unless otherwise expressly provided herein, all phrases, words and/or terms used herein shall have the same meaning ascribed to the same in the 2021 International Plumbing Code (regardless of whether such phrases, words and/or terms are italicized herein).

<sup>2</sup> Other italicized and bold notations are provided throughout for informational purposes only. By way of example only, "*[Paragraph remains unchanged.]*".

plan review fee has been paid is withdrawn or canceled before any plan reviewing is done.

The building official may not authorize the refunding of any fee paid except upon written request filed by the original permittee not later than 180 days after the date of the fee payment.

**Section 113 Means of appeal** of the 2021 International Plumbing Code is deleted in its entirety and replaced with the following:

**113 Means of Appeal.** The Board of Construction Appeals, created by the City of Frisco, as it currently exists or may be amended, will serve as the means of appeal.

**Chapter 3. General Regulations** of the 2021 International Plumbing Code is amended as follows:

**Section 305 Protection of pipes and plumbing system components** of the 2021 International Plumbing Code is amended as follows:

**305.4.1 Sewer depth.** ~~Building sewers that connect to private sewage disposal systems shall be installed not less than [Number] inches (mm) below finished grade at the point of septic tank connection.~~ Building sewers shall be installed not less than 12 inches (305 mm) below grade.

**305.7 Protection of components of plumbing system.** Components of a plumbing system installed within three (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.

**Section 314 Condensate Disposal** of the 2021 International Plumbing Code is amended 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. Such piping shall maintain a horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12 units horizontal (1-percent slope). Condensate shall not discharge into a street, alley, sidewalk, rooftop or other areas so as to cause a nuisance.

**Chapter 4. Fixtures, Faucets and Fixture Fittings** of the 2021 International Plumbing Code is amended as follows:

**Section 410. Drinking Fountains** of the 2021 International Plumbing Code is amended as follows:

**410.2 Small occupancies.** Drinking fountains shall not be required for an occupant load of 15 or fewer. A high and low drinking fountain required by 410.3 may be substituted for a water dispenser for an occupant load of 50 or fewer.

**Section 413. Floor and trench drains** of the 2021 International Plumbing Code is amended as follows:

**413.5 Food service and food preparation areas.** All areas used for the preparation of food products for sale or consumption by the public shall be provided with an approved quantity of floor drains. Floors shall be sloped to facilitate drainage to the required drains. Floor sinks shall not be used to meet this requirement.

**Chapter 5. Water heaters** of the 2021 International Plumbing Code is amended as follows:

**Section 502 Installation** of the 2021 International Plumbing Code is amended as follows:

**502.3 Water heaters installed in attics.** Attics containing a water heater shall be provided with an opening and unobstructed passageway large enough to allow removal of the water heater. The passageway shall be not less than 30 inches (762 mm) in height and 22 inches (559 mm) in width and not more than 20 feet (6096 mm) in length when measured along the centerline of the passageway from the opening to the water heater. The passageway shall have continuous unobstructed solid flooring not less than 24 inches (610 mm) in width. A level service space not less than 30 inches (762 mm) in length and 30 inches (762 mm) in width shall be present at the front or service 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. At a minimum, access to the attic space shall be provided by one of the following:

1. A permanent stair or ladder fastened to the building.
2. A pull-down stair with a capacity of three hundred (300) pounds.
3. An access door from an upper floor level.

**Exception:** When a max ten 10-gallon water heater (or larger with prior approval) is capable of being accessed through a lay-in ceiling and a water heater is installed on a platform not more than ten 10 feet (3048 mm) above the ground or floor level and may be reached with a portable ladder additional access methods to the space are not required under this section.

**Section 504 Safety devices** of the 2021 International Plumbing Code, is amended as follows:

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

2. Discharge through an air gap. ~~located in the same room as the water heater.~~
5. Discharge ~~to the floor, to the pan serving the water heater or storage tank,~~ to an indirect waste receptor or to the outdoors.

**Chapter 6. Water Supply and Distribution** of the 2021 International Plumbing Code is amended as follows:

**Section 606 Installation of the building water distribution system** of the 2021 International Plumbing Code is amended as follows:

**606.1 Location of full-open valves.** Full-open valves shall be installed in the following locations:

1. ~~On the building water service pipe from the public water supply near the curb.~~
3. On the discharge side of every water meter when located inside a building.

**Section 607 Hot water supply system** of the 2021 International Plumbing Code is amended as follows:

**607.1 Where required.** In residential occupancies, hot water shall be supplied to plumbing fixtures and equipment utilized for bathing, washing, culinary purposes, cleansing, laundry or building maintenance. In nonresidential occupancies, hot water shall be supplied for culinary purposes, cleansing, laundry, dishwashing or building maintenance purposes. In non-residential occupancies, ~~hot water~~ or tempered water shall be supplied for bathing and hand washing purposes.

**Section 608 Protection of potable water supply** of the 2021 International Plumbing Code is amended as follows:

**608.17.5 Connections to lawn irrigation systems.** The potable water supply to lawn irrigation systems shall be protected against backflow in accordance with the Irrigation Ordinance as adopted or as may be amended. ~~by a reduced pressure principle backflow prevention assembly or a reduced pressure principle fire protection backflow prevention assembly. Where chemical additives or antifreeze are added to only a portion of an automatic sprinkler system or standpipe system, the reduced pressure principle backflow prevention assembly or the reduced pressure principle fire protection backflow prevention assembly shall be permitted to be located so as to isolate that portion of the system. Where systems are not under continuous pressure, the potable water supply shall be protected against backflow by an air gap or an atmospheric vacuum breaker conforming to ASSE 1001 or~~



**Chapter 7. Sanitary Drainage** of the 2021 International Plumbing Code is amended as follows:

**Section 710 Drainage system sizing** of the 2021 International Plumbing Code is amended as follows:

**710.1 Maximum fixture unit load.** The maximum number of drainage fixture units connected to a given size of building sewer, building drain or horizontal branch of the building drain shall be determined using Table 710.1(1). The maximum number of drainage fixture units connected to a given size of horizontal branch or vertical soil or waste stack shall be determined using Table 710.1(2). No building sewer, including cleanouts, shall be less than 4 inch pipe diameter.

**Chapter 9. Vents** of the 2021 International Plumbing Code, is amended as follows:

**Section 903 Vent Terminals** of the 2021 International Plumbing Code is amended as follows:

**903.1.1 Roof extension unprotected .** Open vent pipes that extend through a roof shall be terminated not less than 6 inches (152 mm) above the roof. Where a parapet wall or similar roof obstruction exists, the vent shall terminate not less than the height of the wall or obstruction.

**Section 918 Air Admittance Valves** of the 2021 International Plumbing Code is amended as follows:

**918.3 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.

**Chapter 10. Traps, Interceptors and Separators** of the 2021 International Plumbing Code, is amended as follows:

**Section 1003 Interceptors and separators** of the 2021 International Plumbing Code is amended as follows:

**1003.3.7 Gravity grease interceptors and gravity grease interceptors with fats, oils, and greases disposal systems.** ~~The required capacity of gravity grease interceptors and gravity grease interceptors with fats, oils, and greases disposal systems shall be determined by multiplying the peak drain flow into the interceptor in gallons per minute by a retention time of 30 minutes. Gravity grease interceptors shall be sized in accordance with Table 10-3 of the 2006 Uniform Plumbing Code.~~ **[Remainder unchanged]**



**Chapter 12 Special Piping and Storage Systems** of the 2021 International Plumbing Code is amended as follows:

**Section 1202 Medical Gases** of the 2021 International Plumbing Code is amended as follows:

**1202.1 Nonflammable medical gases.** Nonflammable medical gas systems, inhalation anesthetic systems and vacuum piping systems shall be installed, tested and labeled in accordance with NFPA 99.

**Exceptions:**

~~1. This section shall not apply to portable systems or cylinder storage.~~

~~2. Vacuum system exhaust terminations shall comply with the International Mechanical Code.~~

***[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK.]***