

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS, REPEALING ORDINANCE NO. 13-10-66; 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 2015 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 2015 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. 13-10-66 (Plumbing Code), in its entirety, and replace it with this Ordinance, adopting the 2015 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. 13-10-66. Ordinance No. 13-10-66 is hereby repealed, in its entirety, and replaced by this Ordinance.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this Section shall not occur until the effective date of this Ordinance at which time Ordinance No. 13-10-66 shall be repealed.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. 13-10-66 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 (“2015 International Plumbing Code”). The 2015 International Plumbing Code is made a part of this Ordinance as if fully set forth herein. Three (3) copies of the 2015 International Plumbing Code are on file in the office of the City Secretary of Frisco being marked and designated as the 2015 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.

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DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS, on this _____ day of _____, 2016.

Maher Maso, Mayor

**ATTESTED AND CORRECTLY
RECORDED:**

Jenny Page, City Secretary

APPROVED AS TO FORM:



Abernathy Roeder Boyd & Hullett, P.C.
Ryan D. Pittman, City Attorneys

Dates of Publication: _____, *Frisco Enterprise*

Exhibit A
CITY OF FRISCO DELETIONS/ADDITIONS
2015 INTERNATIONAL PLUMBING CODE¹

The following deletions and additions of the 2015 International Plumbing Code are hereby approved and adopted (*i.e.* deletions evidenced by ~~striketrough~~ and additions evidenced by underline)²:

Chapter 1. Scope and Administration of the 2015 International Plumbing Code is amended as follows:

Section 102 Applicability of the 2015 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. Any reference to NFPA 70 or the National Electrical Code (NEC) shall mean the Electrical Code as adopted.

Section 106 Permits of the 2015 International Plumbing Code is amended as follows:

106.6.2 Fee schedule. The fees for all plumbing work shall be as ~~indicated in the following schedule~~ established in Frisco's Comprehensive Master Fees Ordinance, as amended.

106.6.3 Fee refunds. The code official shall authorize the refunding of fees as follows:

2. Not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.
3. Not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

Chapter 3. General Regulations of the 2015 International Plumbing Code is amended as follows:

¹ Unless otherwise expressly provided herein, all phrases, words and/or terms used herein shall have the same meaning ascribed to the same in the 2015 International Plumbing Code (regardless of whether such phrases, words and/or terms are italicized herein).

² Other italicized and bold notations are provided throughout for informational purposes only. By way of example only, “[*Paragraph remains unchanged.*]”.

Section 305 Protection of pipes and plumbing system components of the 2015 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 312 Tests and Inspections of the 2015 International Plumbing Code is amended as follows:

312.10 Inspection and testing of backflow prevention assemblies. Inspection and testing shall comply with Sections 312.10.1 and 312.10.2.

312.10.1 Inspections. Annual inspections shall be made of all backflow prevention assemblies and air gaps to determine whether they are operable. In absence of local provisions, the owner is responsible to ensure that testing is performed.

312.10.2 Testing. Reduced pressure principle, double check-valve, pressure vacuum breaker, reduced pressure detector fire protection, double check detector fire protection, and spill resistant vacuum breaker backflow preventer assemblies and hose connection backflow preventers shall be tested at the time of installation, immediately after repairs or relocation and at least annually, by a recognized backflow prevention assembly tester, and certified to be operational within specifications. The testing procedure shall be performed in accordance with applicable State or local provisions. The owner is responsible to ensure that testing is done in accordance with the standards listed in this Section. The testing procedure shall be performed in accordance with one of the following standards:

ASSE 5013, ASSE 5015 ASSE 5020, ASSE 5047, ASSE 5048, ASSE 5052, ASSE 5056, CSA B64.10 or CSA B64.10.1.

Section 314 Condensate Disposal of the 2015 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 minimum horizontal slope in the direction of

discharge of not less than one-eighth (1/8) unit vertical in twelve (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.

314.2.3 Auxiliary and secondary drain systems. In addition to the requirements of Section 314.2.1, where damage to any building components could occur as a result of overflow from the equipment primary condensate removal system, one of the following auxiliary protection methods shall be provided for each cooling coil or fuel-fired appliance that produces condensate. Method 3 and 4 above may not be used for cooling or evaporator coils located in attics of residential occupancies.

Chapter 4. Fixtures, Faucets and Fixture Fittings of the 2015 International Plumbing Code is amended as follows:

Section 412. Floor and trench drains of the 2015 International Plumbing Code is amended as follows:

412.5 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.

412.6 Toilet rooms. Toilet rooms containing two (2) or more water closets or a combination of a water closet and urinal shall be provided with a floor drain located in the toilet room. Floors shall be sloped to facilitate drainage to the required drains.

Chapter 5. Water heaters of the 2015 International Plumbing Code is amended as follows:

Section 502 Installation of the 2015 International Plumbing Code is amended as follows:

502.3 Water heaters and other appliances installed in attics. Attics containing a water heater or other appliance shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest water heater or appliance. The passageway shall not be less than 30 inches (762 mm) in height and 22 inches (559 mm) in width and more than 20 feet (6096 mm) in length when measured along the centerline of the passageway from the opening to the water heater or appliance. 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 or appliance. 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 largest water heater or appliance. At a minimum, access to the attic space shall be provided by one of the following:

1. Permanent stairs or ladder fastened to the building.
2. A pull down stair with a three hundred (300) lb. rating.
3. An access door from an upper floor.

502.6 Water heaters installed 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 with a minimum three hundred (300) pound capacity fastened to the building or an access door from an upper floor level.

Exception: Where 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.

Section 504 Safety devices of the 2015 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 2015 International Plumbing Code is amended as follows:

Section 606 Installation of the building water distribution system of the 2015 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.

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

2. On the water supply pipe to each sillcock when subject to freezing.

Section 607 Hot water supply system of the 2015 International Plumbing Code is amended as follows:

607.1 Where Required. In residential occupancies, hot water shall be supplied to all 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.

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. Valves 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.

Chapter 7. Sanitary Drainage of the 2015 International Plumbing Code is amended as follows:

Section 710 Drainage system sizing of the 2015 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, or smaller than the building drain.

Chapter 9. Vents of the 2015 International Plumbing Code, is amended as follows:

Section 903 Vent Terminals of the 2015 International Plumbing Code is amended as follows:

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

Section 918 Air Admittance Valves of the 2015 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 2015 International Plumbing Code, is amended as follows:

Section 1003 Interceptors and connections of the 2015 International Plumbing Code is amended as follows:

1003.3.6 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 11. Storm Drainage of the 2015 International Plumbing Code is amended as follows:

1106 Size of Conductors, leaders and storm drains of the 2015 International Plumbing Code is amended 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 6 inches per hour rainfall rate. ~~the 100-year hourly rainfall rate indicated in Figure 1106.1 or on other rainfall rates determined from approved local weather data.~~

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(The Index is provided for informational purposes only to note the location of the deletions/additions in the 2015 International Plumbing Code as set forth in this Ordinance)

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END OF EXHIBIT A