

AN ORDINANCE OF THE CITY OF FRISCO, TEXAS, REPEALING ORDINANCE NO. 08-04-40; AMENDING DIVISION 6 (BUILDING CODE), ARTICLE IV (TECHNICAL CODES), CHAPTER 18 (BUILDINGS AND BUILDING REGULATIONS), PART II OF THE FRISCO CODE OF ORDINANCES; ADOPTING THE 2012 EDITION OF THE INTERNATIONAL BUILDING CODE, INCLUDING APPENDIX K, SAVE AND EXCEPT THE DELETIONS AND ADDITIONS SET FORTH HEREIN; REGULATING THE CONSTRUCTION, ALTERATION, MOVEMENT, ENLARGEMENT, REPLACEMENT, REPAIR, EQUIPMENT, USE AND OCCUPANCY, LOCATION, REMOVAL, AND DEMOLITION OF EVERY BUILDING OR STRUCTURE OR ANY APPURTENANCES CONNECTED OR ATTACHED TO SUCH BUILDINGS OR STRUCTURES WITHIN THE CITY OF FRISCO, TEXAS; PROVIDING FOR A PENALTY FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING FOR REPEALING, SAVINGS AND SEVERABILITY CLAUSES; PROVIDING FOR AN EFFECTIVE DATE OF THIS ORDINANCE; 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 to the citizens of the City of Frisco, Texas ("Frisco") to amend Division 6 (Building Code), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco's Code of Ordinances by adopting the 2012 Edition of the International Building Code, including Appendix K, 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 6 (Building Code), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco's Code of Ordinances, it is in the best interest of the citizens of Frisco to repeal, in its entirety, Ordinance No. 08-04-40 (Building Code) and replace it with this Ordinance, adopting the 2012 Edition of the International Building Code, including Appendix K, 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. 08-04-40. Ordinance No. 08-04-40 is hereby repealed, in its entirety, and replaced by this Ordinance.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. 08-04-40 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. 08-04-40 occurring before the effective date of this Ordinance.

SECTION 3: Amendment to Division 6 (Building Code), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco's Code of Ordinances. Division 6 (Building Code), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco's Code of Ordinances is hereby amended for the sole purpose of adopting new building code regulations as set forth in the International Building Code, copyrighted by the International Code Council, Inc., including Appendix K, save and except the deletions and additions set forth in **Exhibit "A"**, attached hereto and incorporated herein for all purposes, regulating the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures within buildings located within Frisco ("**2012 International Building Code**"). The 2012 International Building Code is made a part of this Ordinance as if fully set forth herein. Three (3) copies of the 2012 International Building Code are on file in the office of the City Secretary of Frisco being marked and designated as the 2012 International Building Code. The deletions and additions set forth in **Exhibit "A"** are located on Frisco's website under Development Services.

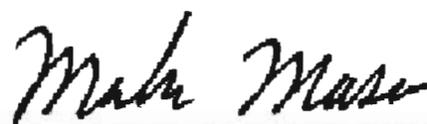
SECTION 4: Savings/Repealing Clause. All provisions of any ordinance in conflict with this Ordinance are hereby repealed to the extent they are in conflict; but such repeal shall not abate any pending prosecution for violation of the repealed ordinance, nor shall the repeal prevent a prosecution from 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. If any section, subsection, sentence, clause or phrase of this Ordinance is for any reason, held to be unconstitutional or invalid by a court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. Frisco hereby declares that it would have passed this Ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses, and phrases be declared unconstitutional.

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

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS, on this 1st day of October, 2013.



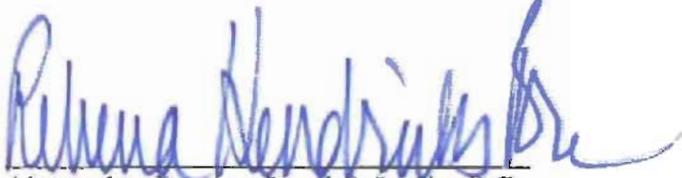
Maher Maso, Mayor

**ATTESTED AND CORRECTLY
RECORDED:**



Jer. Page, City Sec. 

APPROVED AS TO FORM:



Abernathy, Roeder, Boyd & Joplin, P.C.
Rebecca Hendricks Brewer, City Attorneys

Date(s) of Publication: October 4th and 11th, 2013 *Frisco Enterprise*

Exhibit "A"
CITY OF FRISCO DELETIONS/ADDITIONS
2012 INTERNATIONAL BUILDING CODE¹

The following deletions and additions to the 2012 International Building 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 2012 International Building Code is amended as follows:

Section 102 Applicability of the 2012 International Building Code is amended as follows:

102.4 Referenced codes and standards. The codes and standards referenced in this code 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 102.4.1 and 102.4.2. ~~Whenever amendments have been adopted by Frisco, as they exist or may be further amended, to the referenced codes and standards, each reference to said codes and standards shall be considered to reference the amendments and any future amendments thereto.~~

Section 105 Permits of the 2012 International Building Code is amended as follows:

105.2 Work exempt from permit. *[Paragraph remains unchanged.]*

Building:

- ~~1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11 m²).~~
- ~~2. Fences not over 7 feet (2134 mm) high.~~
- ~~6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or story below and are not part of an accessible route.~~

Section 108 Temporary Structures and Uses of the 2012 International Building Code is amended as follows:

108.1 General. The building official is authorized to issue a permit for temporary structures and temporary uses. Such permits shall be limited as to time of service,

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 2012 International Building 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.]*".

but shall not be permitted for more than 180 days. The building official is authorized to grant extensions for demonstrated cause. Such permits shall be issued upon compliance with the requirements of Section 3103 as adopted and amended and other Ordinances applicable to temporary structures or temporary uses.

Section 109 Fees of the 2012 International Building Code is amended as follows:

109.2 ~~Schedule of permit fees~~ Permit, Inspection and Miscellaneous Consolidated Fee Schedule. ~~On buildings, structures, electrical, gas, mechanical, and plumbing systems or alterations requiring 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 following Permit, Inspection and Miscellaneous Consolidated Fee Schedule shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal, and demolition of every building or structure and appurtenances connected or attached to such buildings or structures within Frisco:~~

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Permit, Inspection and Miscellaneous Consolidated Fee Schedule

Building Permit Fees		
Commercial Building Permit	*%60 of Table Value	Table 1-A
Residential Building Permit		Table 1-A

TABLE 1-A*		
\$1 to \$500.00	\$23.50	
\$500.01 to \$2,000.00	\$23.50 for the first \$500 plus \$3.05 for each additional \$100, or fraction thereof, to and including \$2,000.	
\$2,000.01 to \$25,000.00	\$69.25 for the first \$2,000 plus \$4.00 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.	
\$25,000.01 to \$50,000.00	\$91.25 for the first \$25,000 plus \$4.10 for each additional \$1,000, or fraction thereof, to and including \$50,000.	
\$50,000.01 to \$100,000.00	\$143.75 for the first \$50,000 plus \$7.00 for each additional \$1,000, or fraction thereof, to and including \$100,000.	
\$100,000.01 to \$500,000.00	\$193.75 for the first \$100,000 plus \$5.00 for each additional \$1,000, or fraction thereof, to and including \$500,000.	
\$500,000.01 to \$1,000,000.00	\$323.75 for the first \$500,000 plus \$4.75 for each additional \$1,000, or fraction thereof, to and including \$1,000,000.	
\$1,000,000.01 and above	\$5,808.75 for the first \$1,000,000 plus \$3.15 for each additional \$1,000 or fraction thereof.	
Inspection outside of normal business hours		\$150.00

* Commercial building permit fees are assessed on the basis of %60 of the calculated value of Table 1-A

Miscellaneous	
Certificate of Occupancy (Change of business name, ownership or use)	\$100.00
Certificate of Occupancy (Non-Conforming Use)	\$25.00
Demolition Permit	\$50.00
Reroof Permit	\$150.00
Detached Accessory Building (<100 sq ft)	\$25.00
Detached Accessory Building (≥100 sq ft, <160 sq ft)	\$50.00
Detached Accessory Building (≥160 sq ft)	Table 1-A
Duplicate Permit Placard and Reports	\$10.00
Commercial Irrigation - Per meter	
Single Meter	\$250.00
Second Meter add +	\$175.00
Three and Greater Meters	\$500.00
Residential Irrigation Permit	\$185.00
Reinspection Fee (Residential)	\$30.00
Reinspection Fee (Commercial)	\$35.00
Spa Permit	\$75.00
Structure Move Permit	\$50.00
Swimming Pool (Above Ground)	\$100.00
Swimming Pool (Below Ground)	\$200.00
Swimming Pool (Below Ground w/ spa)	\$275.00
Temporary Building Permit	\$50.00

Electrical Permit Fees	
For issuance of each permit	\$30.00
For issuance of each supplemental permit	\$10.00
All inclusive Residential permit by permit Square Footage	\$0.03 / per sqft
All inclusive Commercial permit by permit Square Footage	\$0.04 / per sqft
Electrical Meter Release	\$45.00
Each Residential Appliance	\$4.75
Each Commercial Appliance	\$4.75
Each Temporary Services	\$23.50
Each Misc Apparatus	\$18.20
Motors (Horsepower) ea.	
Up to 1	\$4.75
1, not over 10	\$12.30
10, not over 50	\$24.60
50, not over 100	\$49.50
over 100	\$74.50
Service Installation Replacement (Amps) ea.	
Up to 200	\$65.00
200, up to 1000	\$85.00
Over 1000 amps	\$150.00

Mechanical Permit Fees	
For issuance of each permit	\$30.00
For New finish-out/alterations	\$0.05/gsf
For issuance of each supplemental permit	\$10.00
Furnaces	
Installation or relocation of each forced air unit up to and including 100,000 Btu/h	\$13.25
Installation or relocation of each forced air unit over 100,000 Btu/h	\$16.25
Installation or relocation of each floor furnace	\$13.25
Installation or relocation of each suspended heater, recessed wall heater or floor-n	\$13.25
Appliance Vents	
Installation, relocation or replacement of each vent	\$7.00
Repairs or Additions	
Repair of, Alteration of or Addition of each heating or cooling appliance	\$12.25
Boiler, Compressor and Absorption Systems	
Installation or relocation of each boiler or compressor to including 3 horsepower or up to and including 100,000 Btu/h	\$13.25
Installation or relocation of each boiler or compressor to including 3 - 15 horsepower or over 100,000 - 500,000 Btu/h	\$24.25
Installation or relocation of each boiler or compressor to including 15 - 30 horsepower or over 500,000 - 1,000,000 Btu/h	\$33.25
Installation or relocation of each boiler or compressor to including 30 - 50 horsepower or over 1,000,000 - 1,750,000 Btu/h	\$49.50
Installation or relocation of each boiler or compressor to over 50 horsepower or over 1,750,000 Btu/h	\$82.75
Air Handlers	
Installation or relocation of each air-handling to and including 10,000 cubic feet	\$9.50
Note: This does not apply to an air handling unit which is a part of a factory assembled appliance	
Installation or relocation of each air-handling over 10,000 cubic feet	\$16.50
Evaporative Coolers	
Installation or relocation of each evaporative cooler other than portable type	\$9.50
Ventilation and Exhaust	
Installation or relocation of each ventilation fan connected to a single duct or h	\$6.50
Miscellaneous - Installation or relocation of each fuel gas piping systems	
One to Four outlets	\$5.00
Each additional outlet exceeding four	\$1.00

Plumbing Permit Fees	
For issuance of each permit	\$30.00
For New finish-out/alterations	\$0.09/gsf
For issuance of each supplemental permit	\$10.00
For each plumbing fixture on one trap or a set of fixtures on one trap (including water, drainage piping and backflow protection therefore)	\$7.00
For each building sewer and each trailer park sewer	\$15.00
Rainwater systems - per drain (inside building)	\$7.00
For each cesspool (where permitted)	\$25.00
For each private sewage disposal system \$	\$40.00
For each water heater and / or vent \$	\$7.00
For each gas-piping of one to five outlets	\$5.00
For each additional gas piping system outlet, per outlet	\$1.00
For each industrial waste pretreatment interceptor including its trap and vent, except kitchen type grease interceptors functioning as fixture traps	\$7.00
For each installation, alteration or repair of water piping and / or water treating eq	\$7.00
For each repair or alteration of drainage or vent piping, each fixture	\$7.00
For each lawn sprinkler system on any one meter including backflow protection de	\$35.00
For atmospheric-type vacuum breakers	
1 to 5	\$5.00
over 5, each	\$1.00
For each backflow protective device other than atmospheric type vacuum breakers:	
2 inch (51mm) diameter and smaller	\$7.00
over 2 inch (51mm)	\$15.00
For each graywater system	\$40.00
For initial installation and testing for a reclaimed water system	\$30.00
For each annual cross-connection testing of a reclaimed water system (excluding in	\$30.00
For each medical gas piping system serving one to five inlet(s) / outlet(s) for a spec	\$50.00
For each additional <i>medical</i> gas inlet(s) / outlet(s)	\$5.00

109.2.2 Plan review fees. Plan review fees shall be required when, in the judgment of the building official, submitted documents require special review by a third party Plan Review Service. The plan review fee shall be sixty-five percent (65%) of the building permit fee.

Additional plan review required by changes, additions, or revisions to approved plans will be assessed a plan review fee at the rate of fifty dollars (\$50.00) per hour with a minimum charge of one (1) hour.

109.6 Refunds. ~~The 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 refunding not more than 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 the refunding of not more than eighty percent (80%) of the plan review fee paid when an application for a permit for which 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 110 Inspections of the 2012 International Building Code is amended as follows:

110.3.5 Lath and gypsum board inspection. *[Paragraph remains unchanged.]*

Exception: *[Entire exception deleted.]*

Chapter 2. Definitions of the 2012 International Building Code is amended as follows:

Section 202 Definitions of the 2012 International Building Code is amended as follows:

High-Rise Building. A building with an occupied floor located more than 75 55 feet (22-860-16 764 mm) above the lowest level of fire department vehicle access.

Chapter 3. Use and Occupancy Classification of the 2012 International Building Code is amended as follows:

Section 304 Business Group B of the 2012 International Building Code is amended as follows:

304.1 Business Group B. *[Paragraph remains unchanged.]*

Fire stations

Police stations with detention facilities for 5 or less

Section 311 Storage Group S of the 2012 International Building Code is amended as follows:

311.2 Moderate-hazard storage, Group S-1. *[Paragraph remains unchanged.]*

Self-service storage facility

Chapter 4. Special Detailed Requirements Based on Use and Occupancy of the 2012 International Building Code is amended as follows:

Section 403 High-Rise Buildings of the 2012 International Building Code is amended as follows:

403.1 Applicability. *[Paragraph remains unchanged.]*

Exception: The provisions of Sections 403.2 through 403.6 shall not apply to the following buildings and structures:

3. Open air portions of buildings with a Group A-5 occupancy in accordance with Section 303.6.

403.3 Automatic sprinkler system. *[Paragraph remains unchanged.]*

Exception: An automatic sprinkler system shall not be required in spaces or areas of:

- ~~2. Telecommunications equipment buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided that those spaces or areas are equipped throughout with an automatic fire detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour fire barriers constructed in accordance with Section 707 or not less than 2-hour horizontal assemblies construction in accordance with Section 711, or both.~~

403.5.4 Smokeproof enclosures. Every required exit stairway serving floors more than ~~75-55~~ feet (~~22-860-16~~ 764 mm) above the lowest level of fire department vehicle access shall be a smokeproof enclosure in accordance with Sections 909.20 and 1022.10.

Section 406 Motor-Vehicle-Related Occupancies of the 2012 International Building Code is amended as follows:

406.3.4 Separation. Separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of gypsum board, not less than 1/2-5/8 inch (12.7-15.9 mm) in thickness, applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than a 5/8-inch (15.9 mm) Type X gypsum board or equivalent and 1/2-5/8-inch (12.7-15.9 mm) gypsum board applied to structures supporting the separation from habitable rooms above the garage. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors or solid or honeycomb core steel doors not less than 1 3/8 inches (34.9 mm) in thickness, or doors in compliance with Section 716.5.3 with a fire protection rating of not less than 20 minutes. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Doors shall be tight fitting, self-closing and self-latching.

406.8 Repair garages. Repair garages shall be constructed in accordance with the International Fire Code and Sections 406.8.1 through 406.8.6. This occupancy shall not include motor fuel-dispensing facilities, as regulated in Section 406.7. This occupancy shall include garages involved in servicing of motor vehicles for items such as lube changes, inspections, windshield repair or replacement, shocks, minor part replacement and other such non-major repair. When the repair garage is only involved in such minor repair and not involved in combustible or flammable liquids, it need not comply with Section 406.8.1.

Chapter 5. General Building Heights and Areas of the 2012 International Building Code is amended as follows:

Section 501 General of the 2012 International Building Code is amended as follows:

501.2 Address identification. New and existing buildings shall be provided with approved address numbers or letters. Each character shall not be less than 4 6 inches (102-152 mm) in height and not less than of 0.5-1 inch (12.7-25.4 mm) in width. They shall be installed on a contrasting background and be plainly visible from the street or road fronting the property and from all alleyways, fire lanes, or other vehicle access to the rear or side of the buildings. When required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. Address numbers shall be maintained.

Section 503 General Height and Area Limitations of the 2012 International Building Code is amended as follows:

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TABLE 503
ALLOWABLE BUILDING HEIGHTS AND AREAS^{a, b}

Building height limitations shown in feet above grade plane. Story limitations shown as stories above grade plane.
Building area limitations shown in square feet, as determined by the definition of "Area, building," per story

GROUP	HEIGHT (feet)	TYPE OF CONSTRUCTION								
		TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
		A	B	A	B	A	B	HT	A	B
		UL	160	65	55	65	66	65	50	40
		STORIES(S) AREA (A)								
R-1	S	UL	II	4	4	4 NP	4 NP	4 NP	3 NP	2 NP
	A	UL	UL	24,000	16,000	24,000 NP	16,000 NP	20,500 NP	12,000 NP	7,000 NP

Section 504 Height of the 2012 International Building Code is amended as follows:

504.2 Automatic sprinkler system increase. Where a building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1 (NFPA 13), the value specified in Table 503 for maximum building height is increased by 20 feet (6096 mm) and the maximum number of stories is increased by one story. These increases are permitted in addition to the building area increase in accordance with Sections 506.2 and 506.3. For Group R buildings equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.2 (NFPA 13R), the value specified in Table 503 for maximum building height is increased by 20 feet (6096 mm) and the maximum number of stories is increased by one story, but shall not exceed 60 feet (18 288 mm) or four stories, respectively. Basements and below grade parking structures, if provided, shall be considered a story when determining the maximum allowable height when the above grade portion is constructed of Type V construction. Buildings containing mixed uses in conjunction with Group R-2 shall not exceed a total of four stories or 60 feet (18 288 mm) regardless of separation by Types of Construction as allowed in Section 508.

Exception: *[Entire exception remains unchanged.]*

Section 506 Building Area Modifications of the 2012 International Building Code is amended as follows:

506.2.2 Open space limits. Such open space shall be either on the same lot or dedicated for public use and shall be accessed from a street or approved fire lane. In order to be considered accessible, if not in direct contact with a street or fire lane, a minimum 10 feet (3048 mm) wide paved pathway or other all-weather drivable surface from the street or approved fire lane must be provided.

Section 508 Mixed Use and Occupancy of the 2012 International Building Code is amended as follows:

508.1 General. Each portion of a building shall be individually classified in accordance with Section 302.1 Where a building contains more than one

occupancy group, the building or portion thereof shall comply with the applicable provisions of Sections 508.2, 508.3 or 508.4, or a combination of these sections. At a minimum, each tenant space within any multi-tenant building shall be separated by a one-hour fire partition complying with Section 708 regardless of occupancy type.

Section 510 Special Provisions of the 2012 International Building Code is amended as follows:

510.4 Parking beneath Group R. Where a maximum one story above grade plane Group S-2 parking garage, enclosed or open, or combination thereof, of Type I construction or open of Type IV construction, with grade entrance, is provided under a building of Group R, the number of stories to be used in determining the minimum type of construction shall be measured from the floor above such a parking area. However, Type V wood frame construction shall be limited to three stories above the parking structure. The floor assembly between the parking garage and the Group R above shall comply with the type of construction required for the parking garage and shall also provide a fire-resistance rating not less than the mixed occupancy separation required in Section 508.4.

Chapter 7. Fire and Smoke Protection Features of the 2012 International Building Code is amended as follows:

Section 708 Fire Partitions of the 2012 International Building Code is amended as follows:

708.3 Fire-resistance rating. *[Paragraph remains unchanged.]*

Exceptions:

~~2. Dwelling unit and sleeping unit separations in buildings of Type II-B, III-B and VI-B construction shall have fire-resistance ratings of not less than 1/2 hour in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.~~

708.4 Continuity. *[Paragraph remains unchanged.]*

Exceptions:

~~4. The fire partition separating tenant spaces in a covered mall building, complying with Section 402.7.2, are not required to extend beyond the underside of a ceiling that is not part of a fire-resistance-rated assembly. A wall is not required in attic or ceiling spaces above tenant separation walls.~~

~~5. Attic fireblocking or draftstopping is not required at the partition line in Group R-2 buildings that do not exceed four stories above grade plane, provided the attic space is subdivided by draftstopping~~

~~into areas not exceeding 3,000 square feet (279 m²) or above every two dwelling units, whichever is smaller.~~

Chapter 9. Fire Protection Systems of the 2012 International Building Code is amended as follows:

Section 903 Automatic Sprinkler Systems of the 2012 International Building Code is amended as follows:

903.1.2 Residential Systems. Unless specifically allowed by this code, residential sprinkler systems installed in accordance with NFPA 13D and NFPA 13R shall not be recognized for the purposes of exceptions or reductions, commonly referred to as “trade-offs”, permitted by other requirements of this code or other codes.

903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12. Buildings on the same lot shall adhere to the combined aggregate sum of the total square feet. Separation on the same lot does not qualify as separate square footage. Automatic sprinklers shall be installed in elevator machine rooms and elevator machine spaces. Automatic sprinklers shall be installed in elevator hoistways where combustibles are present or the elevator shaft is constructed of combustible construction. Storage shall not be allowed within the elevator machine room. Signage shall be provided at the entry doors to the elevator machine room indicating “ELEVATOR MACHINERY – NO STORAGE ALLOWED.”

Exception: *[Entire exception remains unchanged.]*

903.2.1 Group A. An automatic sprinkler system in accordance with Section 903.3.1 shall be provided throughout buildings and portions thereof used as Group A occupancies as provided in this section. For Group A-1, A-2, A-3 and A-4 occupancies, the automatic sprinkler system shall be provided throughout the floor area where the Group A-1, A-2, A-3 or A-4 occupancy is located and in all floors from the Group A occupancy to, and including, the nearest level of exit discharge serving the Group A occupancy. For Group A-5 occupancies, the automatic sprinkler system shall be provided in the spaces indicated in Section 903.2.1.5.

903.2.1.1 Group A-1. An automatic sprinkler system shall be provided for Group A-1 occupancies where one of the following conditions exists:

1. The fire area exceeds ~~12,000 square feet (1115 m²)~~ 5,000 square feet (464.5 m²) or is greater than two stories in height;

903.2.1.2 Group A-2. An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet (464.5 m²), or is greater than one stories in height;

903.2.1.3 Group A-3. An automatic sprinkler system shall be provided for Group A-3 occupancies where one of the following conditions exists:

1. The fire area exceeds ~~12,000 square feet (1115 m²)~~ 5,000 square feet (464.5 m²) or is greater than two stories in height;

903.2.1.4 Group A-4. An automatic sprinkler system shall be provided for Group A-4 occupancies where one of the following conditions exists:

1. The fire area exceeds ~~12,000 square feet (1115 m²)~~ 5,000 square feet (464.5 m²) or is greater than two stories in height.

903.2.2.1 Group B. An automatic sprinkler system shall be provided for Group B occupancies where on the following condition exists:

1. Where the fire area exceeds 5,000 square feet.

903.2.3 Group E. An automatic sprinkler system shall be provided throughout entire buildings containing a for-Group E fire area-occupancies as follows.

1. ~~Throughout all Group E fire areas greater than 12,000 square feet (1115 m²) in area.~~
2. ~~Throughout every portion of educational buildings below the lowest level of exit discharge serving that portion of the building.~~

Exception: *[Entire exception deleted.]*

903.2.4 Group F-1. An automatic sprinkler system in accordance with Section 903.3.1 shall be provided throughout all buildings containing a Group F-1 occupancy where ~~one of the following conditions exists:~~ the fire area exceeds 5,000 square feet (464.5m²).

1. ~~A Group F-1 fire area exceeds 12,000 square feet (1115 m²).~~
2. ~~A Group F-1 fire area is located more than three stories above grade plane.~~

~~3. The combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).~~

~~4. A Group F-1 occupancy used for the manufacture of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²).~~

903.2.6 Group I. An automatic sprinkler system in accordance with Section 903.3.1.1 shall be provided throughout buildings with a Group I fire area.

Exceptions: *[Entire exceptions deleted.]*

903.2.7 Group M. An automatic sprinkler system in accordance with Section 903.3.1.1 shall be provided throughout buildings containing a Group M occupancy ~~where one of the following conditions exist:~~ where the Group M fire area exceeds 5,000 square feet (465 m²). A Group M Occupancy used for the display and sale of upholstered furniture must have an automatic sprinkler system installed regardless of square footage.

~~1. A Group M fire area exceeds 12,000 square feet (1115 m²).~~

~~2. A Group M fire area is located more than three stories above grade plane.~~

~~3. The combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).~~

~~4. A Group M occupancy used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet (464 m²).~~

903.2.8.3 Group R additions. Group R occupancies that would require an automatic sprinkler system due to additions or remodeling must add automatic sprinkler systems to those areas that are additions or alterations of the original building or structure.

903.2.9 Group S-1. An automatic sprinkler system in accordance with Section 903.3.1.1 shall be provided throughout all buildings containing a Group S-1 occupancy, ~~occupancy where one of the following conditions exists:~~

~~1. A Group S-1 fire area exceeds 12,000 square feet (1115 m²).~~

~~2. A Group S-1 fire area is located more than three stories above grade plane.~~

~~3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).~~

~~4. A Group S-1 fire area used for the storage of commercial trucks or buses where the fire area exceeds 5,000 square feet (464 m²).~~

~~5. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²).~~

903.2.9.1 Repair garages. An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406, as shown:

~~1. Buildings having two or more stories above grade plane, including basements, with a fire area containing a repair garage exceeding 40,000 square feet (929 m²).~~

~~2. Buildings no more than one story above grade plane, with a fire area containing a repair garage exceeding 12,000 square feet (1115 m²).~~

~~3. Buildings with repair garages servicing vehicles parked in basements.~~

~~4. A Group S-1 fire area used for the repair of commercial trucks or buses where the fire area exceeds 5,000 square feet (464 m²).~~

903.2.9.3 Self-service storage facilities. An automatic sprinkler system shall be installed throughout all buildings containing a Group S-1 self-service storage facility. A screen shall be installed at eighteen (18) inches below the level of the sprinkler heads to restrict storage above that level. The screen shall be a mesh of not less than one (1) inch nor greater than six (6) inches in size. The screen and its supports shall be installed such that all elements are at least eighteen (18) inches below any sprinkler heads.

903.2.10 Group S-2 enclosed parking garages. An automatic sprinkler system shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.4 as follows:

1. Where the fire area of the enclosed parking garage exceeds ~~12,000 square feet (1115 m²).~~ 5,000 square feet (464 m²); or

2. Where the enclosed parking garage is located beneath and/or attached to other occupancy groups.

~~**Exception:** [Entire exception deleted.]~~

903.2.10.2 Group S-2 open parking garages. An automatic sprinkler system shall be provided throughout buildings classified

as open parking garages in accordance with Section 406.3 of this code as follows:

1. Where the open parking garage is located beneath and/or attached to other occupancy groups.

903.2.11 Specific building areas and hazards. In all occupancies other than Group U, an automatic sprinkler system shall be installed for building design or hazards in the locations set forth in Sections 903.2.11.1 through 903.2.11.6.

903.2.11.3 Buildings 55-35 feet or more in height. An automatic sprinkler system shall be installed throughout buildings with a floor level having an occupant load of 30 or more that is located ~~55 (16 764 mm)~~ 35 feet (10 668mm) or more above the lowest level of fire department vehicle access.

Exceptions: *[Entire exceptions deleted.]*

903.2.11.7 New and Existing buildings. Automatic sprinkler systems shall be installed:

1. In all new buildings with a gross floor area of 5,000 square feet (1115 m²) or greater and/or greater than two stories in height.
2. In existing buildings when additions are made that increase the gross floor area to 5,000 square feet (1115 m²) or greater and/or greater than two stories in height.
3. In existing buildings with a gross floor area greater than 5,000 square feet (1115 m²) when any alteration is made affecting thirty percent (30%) or more of the building.

903.2.11.8 Spray Booths and Rooms. New spray booths and spraying rooms shall be protected by an approved automatic fire-extinguishing system.

903.3.1 Standards. Sprinkler systems shall be designed and installed in accordance with Sections 903.3.1.1 unless otherwise permitted by Sections 903.3.1.2 and 903.3.1.3 and other chapters of this code, as applicable. Sprinkler systems shall be designed and installed in accordance with NFPA 13 and NFPA 13R.

903.3.1.1.1 Exempt locations. Automatic sprinklers shall may be exempted from not be required in the following rooms or areas when specifically permitted by the fire code official and where such rooms or areas are protected with an approved automatic fire detection system in accordance

with Section 907.2 that will respond to visible or invisible particles of combustion and such rooms meet other requirements as determined by the fire code official. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance-rated construction or contains electrical equipment.

903.3.1.2. NFPA 13R sprinkler systems. Automatic sprinkler systems in Group R occupancies up to and including four stories in height shall be permitted to be installed throughout in accordance with NFPA 13R. Unless specifically allowed by this code, residential sprinkler systems installed in accordance with NFPA 13R shall not be recognized for the purposes of exceptions or reductions commonly referred to as “tradeoffs”, permitted by other requirements of this code or the International Fire Code. In addition, residential sprinkler systems installed in accordance with NFPA 13R must include attic sprinkler protection to be recognized for the purposes of such “tradeoffs” permitted by other sections of this code.

903.3.1.2.1 Balconies and decks. Sprinkler protection shall be provided for exterior balconies, decks and ground floor patios of dwelling units. ~~where the building is of Type V construction, provided there is a roof or deck above.~~ Sidewall sprinklers that are used to protect such areas shall be permitted to be located such that their deflectors are within 1 inch (25mm) to 6 inches (152 mm) below the structural members and a maximum distance of 14 inches (356 mm) below the deck of the exterior balconies and decks that are constructed of open wood joist construction.

903.3.1.3 NFPA 13D sprinkler systems. Automatic sprinkler systems installed in one- and two-family dwellings, Group R-3 and R-4 congregate residences and townhouses shall be permitted to be installed throughout in accordance with NFPA 13D. Unless specifically allowed by this code, residential sprinkler systems installed in accordance with NFPA 13D shall not be recognized for the purposes of exceptions or reductions commonly referred to as “tradeoffs”, permitted by other requirements of this code or the International Fire Code.

903.3.5. Water supplies. Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the International Plumbing Code. Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every fire protection system shall be designed with a 10-psi safety factor.

~~903.3.5.1 Domestic services. [Entire subsection deleted.]~~

903.3.5.1 One and Two-Family dwelling combination services.
A single combination water supply shall be allowed as required by NFPA 13D and the International Plumbing Code.

~~903.3.5.1.1 Limited area sprinkler systems. [Entire subsection deleted.]~~

~~903.3.5.1.2 Residential combination services. [Entire subsection deleted.]~~

~~903.3.5.2 Secondary water supply. [Entire subsection deleted.]~~

903.4 Sprinkler system supervision and alarms. [Paragraph remains unchanged.]

Exceptions:

- ~~1. Automatic sprinkler systems protecting one and two family dwellings.~~
- ~~2. Limited area systems serving fewer than 20 sprinklers.~~
- ~~3. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic water and the automatic sprinkler system, and a separate shutoff valve for the automatic sprinkler system is not provided.~~
- ~~5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.~~

Automatic sprinkler systems protecting one and two family dwellings are required to be monitored for a water flow condition for each system. Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for the fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

903.4.2 Alarms. Approved audible devices, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building in an approved location. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system. At least one approved audible sprinkler flow alarm to alert the occupants shall be provided in the interior of the building in a normally occupied location. An approved listed

mechanical alarm shall be connected to every automatic sprinkler system. No electrically operated appliance shall be used.

Section 905 Standpipe Systems of the 2012 International Building Code is amended as follows:

905.2 Installation standards. Standpipe systems shall be installed in accordance with this section and NFPA 14. Manual dry systems shall be supervised with a minimum of 10 psig and maximum of 40 psig air pressure with a high/low alarm. Manual dry systems can be installed when the buildings do not exceed four stories in height from the level of the fire apparatus access road and when approved by the fire code official.

905.3.1 Height-Floor Area. ~~Class III standpipe system shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet (9144 mm) below the highest level of fire department vehicle access. Class I standpipe systems shall be installed throughout buildings where the floor area is greater than ten thousand (10,000) square feet per floor or the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of the fire department vehicle access, or where the floor level of the lowest story is located below the highest level of fire department vehicle access.~~

To determine the lowest level of fire department vehicle access, it shall not be required to consider recessed loading docks for four (4) or less vehicles and conditions where topography makes access from the fire department vehicle to the building impractical or impossible.

Exceptions: *[Delete all exceptions and replace with the following.]*

1. Group U Occupancies.
2. Where the building is determined to meet section 503.1.1 by the fire code official, standpipe outlets can be provided as required by the fire code official.

905.3.3 Covered and open mall buildings. *[Paragraph remains unchanged.]*

5. At other locations as necessary so that the distance to reach all portions of a tenant spaces does not exceed 200 feet (60 960 mm) 150 feet (45 720 mm) as the hose would be laid from a hose connection.

905.4 Location of Class I standpipe hose connections. *[Paragraph remains unchanged.]*

5. Where the roof has a slope less than four units vertical in 12 units horizontal (33.3-percent slope), a each two-way hose connection shall be located to serve the roof or at the highest landing of a stairway with stair access to the roof provided in accordance with Section 1009.16.

6. Where the most remote portion of a non-sprinklered floor or story is more than 150 feet as the hose would be laid (45 720 mm) from a hose connection or the most remote portion of a sprinklered floor or story is more than ~~200 (60 960 mm)~~ 150 (45 720 mm) feet as the hose would be laid from a hose connection, the fire code official is authorized to require that additional hose connections be provided in approved locations.

Section 906 Portable Fire Extinguishers of the 2012 International Building Code is amended as follows:

906.1 Where required. [Paragraph remains unchanged.]

1. In new and existing Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies.

Exception: *[Exception remains unchanged.]*

Section 907 Fire Alarms and Detection Systems of the 2012 International Building Code is amended as follows:

907.1.3.1 Design Standards. All new or replacement alarm systems serving alarm actuating devices shall be addressable fire detection systems. Alarm system serving more than twenty (20) smoke detectors or more than 200 total alarm activating devices shall be analog intelligent addressable fire detection systems.

Exception: Existing systems need not comply unless the total building remodel or expansion initiated after the effective date of this code, as adopted, exceeds thirty percent (30%) of the building remodel or expansion exceeds fifty percent (50%) of the building. Such systems must comply within twelve (12) months of the permit application date.

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with new Section 907.5 shall be installed in Group A occupancies where the occupancy load due to the assembly occupancy is 300 or more persons or more than 100 persons above or below the lowest level of exit discharge. Group occupancies not separated from one another in accordance with Section 707.3.9 shall be considered a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

Exception: *[Exception remains unchanged.]*

Activation of fire alarm notification appliances shall:

1. Cause illumination of the means of egress with light of not less than 1 foot-candle (11 lux) at the walking surface level; and

2. Stop any conflicting or confusing sounds and visual distractions.

907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When automatic sprinkler systems or smoke detectors are installed, such systems or detectors must be connected to the building fire alarm system. An approved smoke detection system shall be installed in Group E day care occupancies. Unless separated by a minimum of 100 feet open space, all buildings, whether portable buildings or the main building will be considered one building for alarm occupant load consideration and interconnection of alarm systems.

Exceptions: *[Entire exceptions deleted.]*

907.2.8 Group R-1. *[Paragraph remains unchanged.]*

907.2.8.1 Manual fire alarm system. *[Paragraph remains unchanged.]*

Exceptions:

~~1. A manual fire alarm system is not required in buildings not more than two stories in height where all individual sleeping units and contiguous attic and crawl spaces to those units are separated from each other and public or common areas by at least 1-hour fire partitions and each individual sleeping unit has an exit directly to a public way, exit court or yard.~~

1. Manual fire alarm boxes are not required throughout the building when all of the following conditions are met:

1.1. The building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2; and

1.2. The notification appliances will activate upon sprinkler water flow; and

1.3. At least one manual fire alarm box is installed at an approved location.

907.2.8.1.1 Guest Rooms. Manual fire alarm boxes shall be installed in all interior and exterior corridors serving guest rooms.

907.2.9 Group R-2. [Paragraph remains unchanged.]

907.2.9.1 Manual fire alarm system. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group R-2 occupancies where:

- ~~1. Any dwelling unit or sleeping unit is located three or more stories above the lowest level of exit discharge;~~
- ~~2. Any dwelling unit or sleeping unit is located more than one story below the highest level of exit discharge of exits serving the dwelling unit or sleeping unit; or~~
- ~~3. The building contains more than 16 dwelling units or sleeping units.~~

Exceptions:

- ~~1. A fire alarm system is not required in buildings not more than two stories in height where all dwelling units or sleeping units and contiguous attic and crawl spaces are separated from each other and public or common areas by at least 1-hour fire partitions and each dwelling unit or sleeping unit has an exit directly to a public way, exit court or yard.~~
- ~~2. Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and the occupant notification appliances will automatically activate throughout the notification zones upon a sprinkler water flow.~~
- ~~3. A fire alarm system is not required in buildings that do not have interior corridors serving dwelling units and are protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, provided that dwelling units either have a means of egress door opening directly to an exterior exit access that leads directly to the exits or are served by open-ended corridors designed in accordance with Section 1026.6, Exception 4.~~

907.2.13 High-rise buildings. [Paragraph remains unchanged.]

Exceptions:

3. Buildings with an occupancy in Group A-5 in accordance with Section 303.1. However, this exception does not apply to accessory uses including but not limited to sky boxes, restaurants and similarly enclosed spaces.

907.6.1.1 Installation. All fire alarm systems shall be installed in such a manner that a failure of any single initiating device or single open in an initiating circuit conductor will not interfere with the normal operation of other such devices. All signaling line circuits (SLC) shall be installed in such a way that a single open will not interfere with the operation of any addressable devices (Class A). Outgoing and return SLC conductors shall be installed in accordance with NFPA 72 requirements for Class A circuits and shall have a minimum of four feet separation horizontal and one foot vertical between supply and return circuit conductors. The initiating device circuit from an addressable input (monitor) module may be wired Class B provided the distance from the addressable module to the initiating device is 10 feet or less.

907.6.3.2 High-rise buildings. In high-rise buildings, 55 feet (16 764 mm) or greater in height, a separate zone by floor shall be provided for each of the following types of alarm-initiating devices where provided: [Remainder of subsection unchanged.]

907.6.5.3 Communication requirements. All alarm systems, new or replacement shall transmit alarm, supervisory and trouble signals descriptively to the approved central station, remote supervisory station or proprietary supervising station as defined in NFPA 72, with the correct device designation and location of addressable device identification. Alarms shall not be permitted to be transmitted as a General Alarm or Zone condition.

Section 910 Smoke and Heat Removal of the 2012 International Building Code is amended as follows:

910.1 General. [Paragraph remains unchanged.]

Exceptions:

2. Where areas of buildings are equipped with early suppression fast-response (ESFR) sprinklers, automatic-only manual smoke and heat vents shall ~~not~~ be required within these areas. Automatic smoke and heat vents are prohibited.

910.2.3 Group H. Buildings and portions thereof used as a Group H occupancy as follows:

1. In occupancies classified as Group H-2 or H-3, any of which are more than 15,000 square feet (1394 m²) in single floor area.

Exception: Buildings of noncombustible construction containing only noncombustible materials.

2. In areas of buildings in Group H used for storing Class 2, 3, and 4 liquid and solid oxidizers, Class 1 and unclassified detonable organic peroxides, Class 3 and 4 unstable (reactive) materials, or Class 2 or 3 water-reactive materials as required for a high-hazard commodity classification.

Exception: Buildings of noncombustible construction containing only noncombustible materials.

910.2.4 Exit access travel distance increase. Buildings and portions thereof used as a Group F-1 or S-1 occupancy where the maximum exit access travel distance is increased in accordance with Section 1016.3.

910.3.2.2 Sprinklered Buildings. Where installed in buildings provided with an approved automatic sprinkler system, smoke and heat vents shall be designed to operate automatically. The automatic operating mechanism of the smoke and heat vents shall operate at a temperature rating at least 100 degrees F (approximately 38 degrees Celsius) greater than the temperature rating of the sprinklers installed.

**Table 910.3
REQUIREMENTS FOR DRAFT CURTAINS AND SMOKE AND HEAT VENTS^a**

OCCUPANCY AND CLASSIFICATION	GROUP COMMODITY
Group H,	F-1 and S-1

Section 912 Fire Department Connections of the 2012 International Building Code is amended as follows:

912.1.1 Combination. Five inch diameter Storz and Siamese fire department connections shall be provided on all manual dry standpipes.

912.2.1 Visible Location. Fire department connections shall be located on the street side of buildings, fully visible, and recognizable and within fifty (50) feet of from the street or nearest point of fire department vehicle access (fire lane) or as otherwise approved by the fire chief code official.

912.2.3 Hydrant distance. An approved fire hydrant shall be located within 100 feet of the fire department connection as the fire hose lays.

912.6 Fire Department Connection Caps. All Fire Department Connections, FDC's, shall be metal threaded caps to prevent vandalism and tampering.

Section 913 Fire Pumps of the 2012 International Building Code is amended as follows:

913.1 General. *[Paragraph remains unchanged.]*

When located on the ground level at an exterior wall, the fire pump room shall be provided with an exterior fire department access door that is not less than 3 ft. in width and 6 ft. – 8 in. in height, regardless of any interior doors that are provided. A key box shall be provided at this door, as required by Section 506.1.

Exception: When it is necessary to locate the fire pump room on other levels or not at an exterior wall, the corridor leading to the fire pump room access from the exterior of the building shall be provided with equivalent fire resistance as that required for the pump room, or as approved by the fire code official. Access keys shall be provided in the key box as required by Section 506.1.

913.4 Valve supervision. *[Paragraph remains unchanged.]*

~~3. Locking valves open.~~

~~4. Sealing of valves and approved weekly recorded inspection where valves are located within fenced enclosures under the control of the owner.~~

Chapter 10. Means of Egress of the 2012 International Building Code is amended as follows:

Section 1006 Means of Egress Illumination of the 2012 International Building Code is amended as follows:

1006.3 Emergency power for illumination. *[Paragraph remains unchanged.]*

In the event of power supply failure, an emergency electrical system shall automatically illuminate all of the following areas:

6. Toilet rooms containing two or more water closets or a combination of water closet and urinal.

Section 1008 Doors, Gates and Turnstiles of the 2012 International Building Code is amended as follows:

1008.1.9.4 Bolt Locks. *[Paragraph remains unchanged.]*

Exceptions:

3. Where a pair of doors serves an occupant load of less than 50 persons in a Group B, F, M or S occupancy, manually operated edge- or surface-mounted bolts are permitted on the inactive leaf. The inactive leaf shall contain no doorknobs, panic bars or similar operating hardware.

4. Where a pair of doors serves a Group A, B, F, M or S occupancy, manually operated edge- or surface-mounted bolts are permitted on the inactive leaf provided such inactive leaf is not needed to meet egress width requirements and the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1. The inactive leaf shall contain no doorknobs, panic bars or similar operating hardware.

Section 1016 Exit Access Travel Distance of the 2012 International Building Code is amended as follows:

**TABLE 1016.2
EXIT ACCESS TRAVEL DISTANCE^a**

WITH SPRINKLER SYSTEM (feet)
250 ^{b,c}

~~b. Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2. See Section 903 for occupancies where automatic sprinkler systems are permitted in accordance with Section 903.3.1.2.~~

Section 1018 Corridors of the 2012 International Building Code is amended as follows:

1018.4 Dead ends. *[Paragraph remains unchanged.]*

Exceptions:

~~1. In occupancies in Group I-3 of Occupancy Condition 2, 3 or 4 (see Section 308.5), the dead-end in a corridor shall not exceed 50 feet (15 240 mm).~~

~~2. In occupancies in Groups B, E, F, I-1, M, R-1, R-2, R-4, S and U, where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, the length of dead-end corridors shall not exceed 50 feet (15 240 mm).~~

~~3. A dead-end corridor shall not be limited in length where the length of the dead-end corridor is less than 2.5 times the least width of the dead-end corridor.~~

Section 1026 Exterior exit stairways and ramps of the 2012 International Building Code is amended as follows:

1026.6 Exterior stairway and ramp protection. *[Paragraph remains unchanged.]*

Exceptions:

4. Separation from the ~~interior~~ open-ended corridors of the building is not required for exterior stairways and ramps connected to open-ended corridors, provided that items 4.1 through 4.5 are met:

Chapter 11 Accessibility of the 2012 International Building Code is amended as follows:

Section 1101 General of the 2012 International Building Code is amended as follows:

1101.2 Design. *[Paragraph remains unchanged.]*

Exception: Buildings regulated under State Law and built in accordance with State registered plans, including any variance or waivers granted by the State, shall be deemed to be in compliance with the requirements of this Chapter.

Chapter 15. Roof Assemblies and Rooftop Structures of the 2012 International Building Code is amended as follows:

Section 1503 Weather Protection of the 2012 International Building Code is amended as follows:

1503.4 Roof drainage. Design and installation of roof drainage systems shall comply with Section 1503 of this code and Section 1106 and 1108, as applicable, of the International Plumbing Code. Roofs shall be sloped a minimum of one unit vertical in 48 units horizontal (min. 2% slope) for drainage. Unless roofs are sloped to drain over roof edges, roof drains shall be installed at each low point of the roof. Roof drains and gutter downspouts shall discharge into the site storm drainage and detention system. Where a site storm drainage system is not available, roof drains and downspouts may discharge at grade provided that the discharge does not flow across walkways providing access to building entrances.

1503.4.1 Secondary (emergency overflow) drains or scuppers. *[Paragraph remains unchanged.]*

1503.4.2 Scuppers. *[Paragraph remains unchanged.]*

1503.4.3 Gutters. *[Paragraph remains unchanged.]*

1503.4.4 Over public property. Roof drainage water from a building shall not be permitted to flow over public property or onto adjacent properties. The building official may require that downspouts be collected in a storm water drainage system and discharged to the street storm gutter or alley.

Section 1505 Fire Classification of the 2012 International Building Code is amended as follows:

TABLE 1505.1^{a,b}
MINIMUM ROOF COVERING CLASSIFICATION
FOR TYPES OF CONSTRUCTION
[TABLE REMAINS UNCHANGED.]

~~a. Unless otherwise required in accordance with the International Wildland Urban Interface Code or due to the location of the building within a fire district in accordance with Appendix D, All individual replacement shingles or shakes shall be in compliance with the rating as required by this table when the replacement or repair exceeds 120 square feet of projected roof area.~~

b. Nonclassified roof coverings shall may be permitted on buildings of Group R-3 and Group U occupancies, where there is a minimum fire-separation distance of 6 feet measured from the leading edge of the roof.

~~**1505.7 Special purpose roofs.** Special purpose wood shingle or wood shake roofing shall conform with the grading and application requirements of Section 1507.8 or 1507.9. In addition, an underlayment of 5/8 inch (15.9 mm) Type X water-resistant gypsum backing board or gypsum sheathing shall be placed under minimum nominal 1/2-inch-thick (12.7 mm) wood structural panel solid sheathing or 1-inch (25 mm) nominal spaced sheathing.~~

Section 1506 Materials of the 2012 International Building Code is amended as follows:

1506.1.1 Wood shingles and shakes where permitted. Where the terms wood shingles or wood shakes are used in this code, they shall be construed to mean fire-retardant treated wood shingles or shakes. The use of wood shingles or shakes shall be restricted to single family dwelling roof coverings only.

Chapter 18. Soils and Foundations of the 2012 International Building Code is amended as follows:

Section 1807 Foundation walls, Retaining Walls and Embedded Post and Poles of the 2012 International Building Code is amended as follows:

1807.2.2 Design lateral soil loads. Retaining walls shall be designed for the lateral soil loads set forth in Section 1610. Retaining walls that are not laterally supported at the top and that retain in excess of 24 inches (610 mm) of unbalanced fill shall be designed to ensure stability against overturning, sliding, excessive foundation pressure and water uplift. Retaining walls that retain in excess of 36 inches (914 mm) of unbalanced fill shall have professionally engineered designed to ensure stability against overturning, sliding, excessive foundation pressure and water uplift. For stone mass gravity retaining walls in excess of 24 inches

(610 mm), minimum foundation embedment shall be no less than 12 inches (305 mm) into undisturbed or well compacted soil.

Chapter 27. Electrical of the 2012 International Building Code is amended as follows:

Section 2701 General of the 2012 International Building Code is amended as follows:

2701.1 Scope. This chapter governs the electrical components, equipment and systems used in buildings and structures covered by this code. Electrical components, equipment and systems shall be designed and constructed in accordance with the provisions of NEPA 70 the 2011 National Electrical Code, as adopted by Frisco, as it currently exists or may be amended.

Chapter 28. Mechanical Systems of the 2012 International Building Code is amended as follows:

Section 2801 General of the 2012 International Building Code is amended as follows:

2801.1 Scope. Mechanical appliances, equipment and systems shall be constructed, installed and maintained in accordance with the International Mechanical Code and the International Fuel Gas Code. Masonry chimneys, fireplaces and barbecues shall comply with the International Mechanical Code and Chapter 21 of this code.

Chapter 29. Plumbing Systems of the 2012 International Building Code is amended as follows:

Section 2901 General of the 2012 International Building Code is amended as follows:

2901.1 Scope. The provisions of this chapter and the International Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing equipment and systems. Toilet and bathing rooms shall be constructed in accordance with Section 1210. Plumbing systems and equipment shall be constructed, installed and maintained in accordance with the International Plumbing Code. ~~Private sewage disposal systems shall conform to the International Private Sewage Disposal Code.~~

Chapter 31. Special Construction of the 2012 International Building Code is amended as follows:

Section 3103 Temporary Structures of the 2012 International Building Code is amended as follows:

3103.1 General. The provisions of Sections 3103.1 through 3103.4 shall apply to structures erected for a period of less than 180 days. Tents and other membrane structures erected for a period of less than 180 days shall comply with the International Fire Code. Those erected for a longer period of time shall comply with applicable sections of this code. Temporary, moved or portable type structures shall be prohibited in Frisco except in the following conditions:

1. Mobile homes or manufactured homes in the appropriate zoning districts.

2. Residential accessory buildings not exceeding one hundred sixty (160) square feet. Accessory buildings in excess of one hundred (100) square feet must be of exterior materials similar to the main structure. Accessory buildings in excess of one hundred sixty (160) square feet must meet the masonry requirements of Section 36.9 of Frisco's Comprehensive Zoning Ordinance No. 04-05-11, as it currently exists or may be amended.

3. Temporary sales offices in residential subdivisions for a period not to exceed one hundred twenty (120) days, during construction of model homes.

4. Temporary construction offices may be permitted in residential subdivisions; however, the permit shall expire and the office removed when ninety percent (90%) of the lots in the subdivision served by the office have been sold. Temporary construction on commercial construction sites must be removed at the completion of the project served by the office and prior to the issuance of a Certificate of Occupancy.

5. Schools (kindergarten (K) through grade twelve (12)), churches or governmental agencies may apply for a permit for a new, temporary portable building, provided that evidence of immediate need for additional space is submitted. Plans must be submitted to provide for a permanent solution to the immediate need such that a time limitation may be established for the temporary structure. Temporary structures may be permitted for a maximum period of two (2) years. Sixty (60) days prior to expiration of the permitted time. Frisco may attempt to notify the owner of the permit expiration; however, Frisco's failure to provide such notification shall not waive its right to enforce any and all provisions of this Ordinance. Any extensions to the time period can only be approved by the City Council. City Council may deny the extension if owner has not proceeded or failed to make significant progress toward the permanent solution.

3103.1.1 Permit required. Temporary structures that cover an area greater than 120 square feet (11.16 m²), including connecting areas or spaces with a common means of egress or entrance which are used or intended to be used for the gathering together of 10 or more persons, shall not be erected, operated or maintained for any purpose without obtaining a permit from the building official. No temporary, moved, or portable structure shall be erected, installed, operated or maintained for any purpose without obtaining a permit from the building official.

Section 3109 Swimming Pool Enclosures and Safety Devices of the 2012 International Building Code is amended as follows:

3109.1 General. Swimming pools shall comply with the requirements Section 3109.2 through 3109.5 and other applicable sections of this code. Provisions of this section shall not be deemed to nullify any applicable State laws, rules, regulations and/or requirements, as they exist, may be amended or in the future arising.

3109.2 Definition. The following term is defined in Chapter 2:

SWIMMING POOLS.

PRIVATE POOL. Any swimming pool appurtenant to a single family or duplex residence and used only by the occupants of the residence and their guests.

PUBLIC POOL. Any swimming pool to which the general public has access.

SEMI-PUBLIC POOL. Any swimming pool that is privately owned and open only to an identifiable class of persons, including, but not limited to, motel guests, apartment residents and club or association members.

3109.3 Public swimming pools. *[Paragraph remains unchanged.]*

3109.3.1 Semi-public pools. Semi-public swimming pools shall be completely enclosed with a fence or screen enclosure at least six (6) feet in height. Openings in the fence shall not permit the passage of a four (4) inch diameter sphere. Gates shall be self-closing and self-latching. The enclosure shall comply with the requirements in Section 3109.4.1.

3109.4 Residential swimming pools. Residential or private swimming pools shall comply with Sections 3109.4.1 through 3109.4.3.

Chapter 33, Safeguards During Construction of the 2012 International Building Code is amended as follows:

Section 3305 Sanitary of the 2012 International Building Code is amended as follows:

3305.1 Facilities required. ~~Sanitary facilities shall be provided during construction, remodeling or demolition activities in accordance with the International Plumbing Code.~~ Each permitted construction project in Frisco shall be provided with at least one (1) temporary portable toilet facility for use by employees and subcontractors. Builders or contractors with multiple permits in a subdivision shall provide one portable toilet for a maximum five permits. Portable toilet facilities shall be located in the rear portion of lots where alley access is available. Portable toilet facilities shall not be placed in street or alley right-of-ways. The builder or permit holder shall be responsible for ensuring that toilet facilities are maintained in a sanitary condition. The building official may, at his discretion, require that additional toilet facilities be provided if these requirements prove to be insufficient.

3305.2 Trash receptacles. Each permitted construction project in Frisco shall be provided with receptacles of a sufficient size and number to contain jobsite trash and debris, including, but not limited to, food wrappers and containers from workers lunches. Trash receptacles shall be maintained on site at all times during construction activities. The builder or permit holder shall be responsible for ensuring that trash receptacles are utilized by all employees and subcontractors, and that all trash is removed at intervals adequate to maintain a clean job site. In addition to the required receptacles, each lot shall be provided with screen fencing to prevent wind-blown trash and debris from adjacent lots.

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(The Index is provided for informational purposes only to note the location of the deletions/additions in the 2012 International Building Code as set forth in this Ordinance)

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END OF EXHIBIT "A"