

**CITY OF LAVON, TEXAS**  
**ORDINANCE NO. 2018-09-06**

2018 International Fire Code

**AN ORDINANCE OF THE CITY OF LAVON, TEXAS,  
AMENDING ARTICLE 6 OF THE CODE OF ORDINANCES BY  
REPEALING § 6.03.001(A); AND PROVIDING FOR THE  
ADOPTION OF THE 2018 EDITION OF THE INTERNATIONAL  
FIRE CODE AND LOCAL AMENDMENTS TO THE 2018  
INTERNATIONAL FIRE CODE; CREATING A BUILDING  
BOARD OF APPEALS; PROVIDING FOR A PENALTY OF FINE  
NOT TO EXCEED THE SUM OF \$2,000.00; PROVIDING FOR A  
SEVERABILITY CLAUSE; PROVIDING A REPEALER CLAUSE  
AND PROVIDING FOR AN EFFECTIVE DATE.**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LAVON,  
TEXAS:**

**Section 1.** That §6.03.001(a) of the Code of Ordinances is hereby repealed.

**Section 2.** That §6.03.001(a) of the Code of Ordinances shall read as follows:

(a) The International Fire Code, 2018 edition including appendices B, C, D, and I, is hereby adopted and designated as the fire code of the city, the same as though such code were copied at length herein. Local Amendments to the International Fire Code, 2018 are hereby adopted, save and except such portions as are deleted or amended by this article. One copy of the 2018 Edition of the International Fire Code shall be on file with the city secretary. From the date on the ordinance from which this article derives shall take effect, the provisions thereof shall be controlling within the limits of the city and its extraterritorial jurisdiction, where provided by law.

(c) **Local Amendments.**

**CHAPTER 1**

**SCOPE AND ADMINISTRATION**

*Amend Section 101.1 Title to read as follows:*

*101.1 Title.* These regulations shall be known as the "City of Lavon Fire Code", hereinafter referred to as "this code" or "the code"

**SECTION 102**

**APPLICABILITY**

*Amend Section 102.1 Construction and design provisions no. 3 to read as follows:*

3. Existing structures, facilities and conditions when required in Chapter 11 or in specific sections of this code.

Amend *Section 102.4 Application of Building Code* to read as follows:

**102.4 Application of Building Code.** The design and construction of new structures shall comply with this code, and other codes and ordinances adopted by the City. Repairs, alterations and additions to existing structures shall comply with the codes and ordinances adopted by the City of Lavon.

Amend *Section 102.6 Historic buildings* to read as follows:

**102.6 Historic buildings.** The construction, alteration, repair, enlargement, restoration, relocation or movement of existing buildings or structures that are designated as historic buildings when such buildings or structures do not constitute a distinct hazard to life or property shall be in accordance with the provisions of the Building Code adopted by the City. The Fire Code Official shall make determinations to constitute reasonable modifications and alterations based on need, safety and practically. (Remainder is unchanged.)

Amend *Section 102.7 Referenced codes and standards* to read as follows:

**102.7 Referenced codes and standards.** Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC Electrical Code shall mean the Electrical Code as adopted by the City of Lavon.

## **SECTION 103**

### **DEPARTMENT OF FIRE PREVENTION**

Amend *Section 103.1 General* to read as follows:

**103.1. General.** The fire prevention division is established within the jurisdiction under the direction of the Fire Marshal. The function of the division shall be the implementation, administration and enforcement of the provisions of this code. The Fire Marshal or his designee shall be listed and appointed as the Fire Official where referenced in this code.

Amend *Section 103.3 Deputies* to read as follows:

**103.3 Deputies.**

In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the fire code official shall have the authority to appoint a Deputy Fire Code Official, other related technical officers, inspectors and other employees.

## **SECTION 104**

### **GENERAL AUTHORITY AND RESPONSIBILITIES**

Amend *Section 104.1 Authority at fires and other emergencies* to read as follows:

The Fire Marshal, his appointee, or in absence of either, an officer of the fire department in charge at the scene of a fire or other emergency involving the protection of life or property, or any part thereof, shall have the authority to direct such operation as necessary to extinguish or control any fire, perform any rescue operation, investigate the existence of suspected or reported fires, gas leaks or other hazardous conditions or situations, or take any other action necessary in the reasonable performance of duty. (Remainder is unchanged.)

Amend Section 104.6.2 *Inspections*, add to existing

The City of Lavon shall strive to make an annual inspection of commercial and governmental buildings. Buildings with an approved sprinkler system shall be inspected every (2) years, unless existing conditions warrant, or prior inspections were problematic.

## **SECTION 105**

### **PERMITS**

Amend Section 105.6.32 *Open burning* to read as follows:

*Exceptions:*

1. Recreational Fires in approved overnight campgrounds or parks that are kindled in approved fire rings.
2. Cooking fires in approved cooking appliances, such as but not limited to, bar-b-que grills, propane fired portable cook tops, hibachis, etc. Such cooking fires shall be located in an approved location.
3. Recreational Fires in approved portable or permanent outdoor fireplaces or fire pits.
4. Specific exceptions listed in the City of Lavon Ordinance 2017-08-02 as adopted.

Amend by adding Section 105.8 *Required special permits* to read as follows:

*105.8.1 Cooking inside an assembly occupancy, exhibit hall, ballroom, or foyer/pre-function area.* An operational permit is required to fry, deep fry, bake, grill, or otherwise cause to be cooked any food substance by an exhibitor inside an exhibit hall, ballroom, or foyer/pre-function area of an assembly occupancy.

*105.8.2 Security Gates.* A construction permit is required to install or modify a security gate or gates across any fire apparatus access road and shall comply with Section 503.6 of this code.

## **SECTION 106**

### **FEES**

Amend Section 106 *Fees* amend to read by adding the following sentence:

*106.6 Fees.* Inspections, Standby/Fire Watch activities shall be assessed fees as identified in the City's established fee schedule.

Amend Section 106.7 *Re-inspection fee* to read as follows:

*Section 106.7 Re-inspection fee.* A re-inspection fee may be assessed for each inspection or re-inspection when such portion of work for which inspection is called is not complete or when corrections called for are not made.

*Note: This subsection is not to be interpreted as requiring re-inspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for such inspection or re-inspection. Re-inspection fees may be assessed for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the Fire Code*

*Official. To obtain a re-inspection, the applicant shall file a re-inspection request in writing and pay the re-inspection fee in accordance with Table 106.2A or as set forth in the fee schedule adopted by the jurisdiction. In instances where re-inspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.*

## **SECTION 109**

### **BOARD OF APPEALS**

*Amend Section 109.1 Board of Appeals established to read as follows:*

..not fully apply, or an equivalent method of protection or safety is proposed. The board shall have no authority to waive requirements of this code, nor make interpretations on the administrative provisions of this code *109.1 Board of Appeals established.* In order to hear and decide appeals of orders, decisions or determinations made by the Fire Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the City Council and shall hold office at its pleasure. The Fire Code Official shall be an ex officio member of said board but shall have no vote on any matter before the board. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the Fire Code Official. This board shall consist of members and follow the procedures as prescribed in this section. This board shall be known as the Building Board of Appeals.

*Amend Section 109.2 Limitations on authority to read as follows:*

*109.2 Limitations on authority.* An application for appeal shall be based on a claim that the intent of this code or the rules legally adopted hereunder have been incorrectly interpreted, the provisions of this code do.

## **SECTION 110**

### **VIOLATIONS**

*Amend Section 110.4 Violation penalties to read as follows:*

*110.4 Violation penalties.* Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the Fire Code Official, or of a permit or certificate used under provisions of this code, shall be guilty of a misdemeanor, and, upon conviction in the Municipal Court, shall be subject to a fine not to exceed two thousand (\$2,000.00) dollars for each offense, and each day that a violation continues after due notice has been served shall be deemed a separate offense.

## **SECTION 112**

### **STOP WORK ORDER**

*Amend Section 112.4 Failure to comply to read as follows:*

*112.4 Failure to comply.* Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not more than two thousand (\$2,000.00) dollars.

## CHAPTER 2

### SECTION 202

#### GENERAL DEFINITIONS

Amend *Section 202 General Definitions* to read as follows by adding:

**AMBULATORY CARE FACILITY.** Buildings or portions thereof used to provide medical, surgical, psychiatric, nursing, or similar care on a less than 24 hour basis to persons who are rendered incapable of self-preservation by the services provided. This group may include but not be limited to the following:

Dialysis centers

Procedures involving sedation

Surgery centers

Colonic centers

Psychiatric centers

**ATRIUM.** An opening connecting three or more stories. (remaining text is unchanged)

**CANOPY.** A structure or architectural projection of rigid construction over which a covering is attached that provides weather protection, building connection, identity or decoration, and may be structurally independent or supported by attachment to a building on one end and by not less than one stanchion on the outer end.

**FIRE AREA.** The aggregate floor area of a building, regardless of firewalls, fire barriers, fire partitions, or demising walls. For the purpose of calculating fire sprinkler requirements the total building will be considered one fire area.

**FIRE MARSHAL .** Appointed Authority having jurisdiction (AHJ) serving the City of Lavon and is the authority charged with the administration and enforcement of the code.

**FIRE CODE OFFICIAL.** The FIRE MARSHAL , or other designated authority charged with the administration and enforcement of the code or a duly authorized representative.

**FLOOR AREA.** The aggregate floor area under roof or when no walls are present the horizontal projection of the roof regardless of firewalls, fire barriers, fire partitions, or demising walls. For the purpose of calculating fire sprinkler requirements the total building under roof will be considered one floor area.

**FIREWATCH.** A temporary measure intended to ensure continuous and systematic surveillance of a building or portion thereof by one or more qualified individuals or Fire Department standby personnel when required by the Fire Code Official, for the purposes of identifying and controlling fire hazards, detecting early signs of unwanted fire, raising an alarm of fire and notifying the fire department.

**FIREWORKS.** Any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes by combustion, deflagration, or detonation, and/or activated by ignition with a match or other heat producing device that meets the definition of 1.4G fireworks or 1.3G fireworks as set forth herein. ... {remainder of text unchanged}...

**FIRE ZONE.** Any area designated by the fire code official for the purpose of gaining access to fire protection equipment or connections.

**HIGH-PILED COMBUSTIBLE STORAGE.** add second paragraph to read as follows: Any building classified as a group S Occupancy or Speculative Building exceeding 6,000 square feet that has a clear height in excess of 14 feet, making it possible to be used for storage in excess of 12 feet, shall be considered to be high-piled storage. When a specific product cannot be identified, a fire protection system and life safety features shall be installed as for Class IV commodities, to the maximum pile height.

**HIGH RISE.** A building having floors used for human occupancy and/or storage located more than 55 feet above the lowest level of the fire department vehicle access, or four or more stories in height whichever is more restrictive, and all hotel and motel occupancies regardless of height.

**LIGHT DUTY METAL CHAIN.** A chain with the maximum diameter of metal in the chain links being one-quarter (1/4) inch, and does not mean high-test proof, coil chain and other than tempered chain, regardless of size.

**MAIN GATE.** A security gate located on private property where more than one (1) security gate exists. The owner shall designate in writing to the fire department the main gate.

**OUTDOOR FIRE PIT.** A place, structure or appliance that is designed and approved for the burning of fuel gas or combustible material that does not have a flue, chimney or duct and the combustion gases are emitted directly into the atmosphere.

**PERMANENT OUTDOOR FIREPLACE.** A fireplace designed and installed fixed to the ground and to operate off of fuel gas or solid-fuel that may be constructed of steel, concrete, clay or other noncombustible material. An outdoor fireplace may be open in design, or may be equipped with a small hearth opening and a short chimney or chimney opening in the top.

**REPAIR GARAGE.** A building, structure or portion thereof used for servicing or repairing motor vehicles. This occupancy shall also include garages involved in minor repair, modification and servicing of motor vehicles for items such as lube changes, inspections, windshield repair or replacement, shocks, minor part replacement and other such minor repairs.

**SECURITY GATE.** As used herein, a security gate shall be any device located on private property which prohibits access of motor vehicles. It includes, but is not limited to, a metal or wood swing railing extended across a street, private drive or fire lane, which will only be opened by a human operator situated on the premises or by remote control or both.

**SELF SERVICE STORAGE FACILITY.** Real property designed and used for the purpose of renting or leasing individual storage spaces to customers for the purpose of storing and removing personal property on a self-service basis.

**STANDBY PERSONNEL.** Qualified fire service personnel, approved by the Fire Code Official. When utilized, the number required shall be as directed by the Fire Code Official. Charges for utilization may be assessed as identified in the Fee Table 106.2A.

**CHAPTER 3**  
**GENERAL REQUIREMENTS**

**SECTION 307**

*Amend Section 307.3 Extinguishment authority to read as follows:*

**307.3 Extinguishment authority.** Where open burning creates or adds to a hazardous, objectionable or offensive situation, or a required permit for open burning has not been obtained, the Fire Marshal, Fire Department or their designee is authorized to order the extinguishment of the open burning operation.

*Exceptions:*

{Exceptions remain the same.}

*Amend Section 307.4.1 Bonfires to read as follows:*

**307.4.1 Bonfires.** Bonfires are prohibited in the City of Laval.

*Amend Section 307.4.2 Recreational fires to read as follows:*

**307.4.2 Recreational fires.** Recreational fires are prohibited unless conducted in an outdoor fireplace, fire pit or other approved device or appliance designed for such purpose and located at least 25 feet from a structure or combustible material. Conditions which could spread a fire to within 25 feet (7620 mm) shall be eliminated prior to ignition.

*Exceptions:*

2. Permanent outdoor fire pits for recreational fires shall not be installed within 10 feet of structures or combustible material.
3. Outdoor fireplaces shall be no less than 8 feet from a structure.

*Amend Section 307.4 Location by adding Section 307.4.4 Trench burns to read as follows:*

**307.4.4 Trench burns.** Trench burns shall be conducted in air curtain trenches and in accordance with Section 307.2 and with advance notice and approval of the Fire Marshal.

**307.5 Attendance.** Open burning, trench burns, recreational fires, and use of portable outdoor fireplaces shall be constantly attended until the... (Remainder of section unchanged)

**SECTION 308**  
**OPEN FLAMES**

*Amend Section 308.1.4; change to read as follows:*

**308.1.4 Open-flame Cooking Devices.** Charcoal burners and other open-flame cooking devices, charcoal grills and other similar devices used for cooking shall not be operated located or

used on combustible balconies, decks, or within 10 feet (3048 mm) of combustible construction.

Exceptions:

1. One- and two-family dwellings, except that LP-gas containers are limited to a water capacity not greater than 50 pounds (22.68 kg) [nominal 20 pound (9.08 kg) LP-gas capacity] with an aggregate LP-gas capacity not to exceed 40 lbs. (2 containers)
2. Where buildings, balconies and decks are protected by an approved automatic sprinkler system, except that LP-gas containers are limited to a water capacity not greater than 50 pounds (22.68 kg) [nominal 20 pound (9.08 kg) LP-gas capacity], with an aggregate LP-gas capacity not to exceed 100 lbs. (5 containers)

3. {No change.}

Amend *Section 308.1.6.2 Portable, fueled open-flame devices. Exception no. 3* to read as follows:

*Exceptions:* Torches or flame-producing devices in accordance with Section 308.1.3.

Section 308.1.6.3; change to read as follows:

308.1.6.3 Sky Lanterns. A person shall not release or cause to be released an untethered unmanned free-floating devices containing an open flame or other heat source, such as but not limited to a sky lantern.

## **SECTION 311**

### **VACANT PREMISES**

Amend *Section 311.5 Placards* to read as follows:

*311.5 Placards.* The Fire Marshal or his designee is authorized to require marking of any vacant or abandoned buildings or structures determined to be unsafe pursuant to Section 110 of this code relating to structural or interior hazards, as required by Section 311.5.1 through 311.5.5.

## **SECTION 405**

### **EMERGENCY EVACUATION DRILLS**

Amend *Section 405.4 Time* to read as follows:

405.4 Time. The Fire Code Official may require evacuation drills at any time. Drills shall be held at unexpected times and under varying conditions to simulate the unusual conditions that occur in case of fire. One fire drill per year will be done via a full activation of the fire alarm system (pull station, simulated smoke or other means) and involve the monitoring company response to a dispatch center, as well as the dispatch center communication to the Fire Marshal or Fire department. All parties shall be notified prior to this drill being executed.

## **CHAPTER 5**

### **FIRE SERVICE FEATURES**

#### **SECTION 501**



## **GENERAL**

*Amend Section 501.4 Timing of installation to read as follows:*

**501.4 Timing of installation.** When fire apparatus access roads or a water supply for fire protection is required to be installed for any structure or development, they shall be installed, tested, and approved prior to the time of which construction has progressed beyond completion of the foundation of any structure.

*Exception:* When approved alternative methods of protection are provided.

## **SECTION 502**

### **DEFINITIONS**

*Amend Section 502.1 Definitions to read as follows by adding:*

**502.1 Definitions.** The following terms are defined in Chapter 2.

LIGHT DUTY METAL CHAIN

MAIN GATE

OWNER

SECURITY GATE

## **SECTION 503**

### **FIRE APPARATUS ACCESS ROADS**

*Amend Section 503.2.1 Dimensions to read as follows:*

**503.2.1 Dimensions.** Fire apparatus access roads shall have an unobstructed width of not less than 24 feet, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm). Fire lanes located next to buildings with floors higher than 48 feet shall be required to have an unobstructed fire lane width of no less than 35 feet and shall be no farther than 35 feet from the base of the building.

*Amend Section 503.2.3 Surface to read as follows:*

**503.2.3 Surface.** Facilities, buildings or portions of buildings hereafter constructed as required in Section 503.1.1 shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete or other approved surface capable of supporting the imposed load of fire apparatus weighing at least 80,000pounds (34 050 kg) so as to provide all weather driving capabilities.

*Amend Section 503.2.7 Grade to read as follows:*

**503.2.7 Grade.** Fire apparatus access roads shall not exceed 7 percent in grade.

*Exception:* Grades steeper than 7 percent as approved by the Fire Marshal.

*Amend Section 503.3 Marking to read as follows:*

**503.3 Marking.** Fire lanes are required to be identified by approved striping or signs and shall remain legible at all times to identify such roads and prohibit the obstruction thereof. If striping of the fire lane is not feasible, approved signs may be used in accordance with this section. Where a curb is available, the striping shall be on the vertical face of the curb.

1. Striping - Fire apparatus access roads (fire lanes) shall be marked by painted lines of red paint, six inches in width to show the boundaries of the lane. The words "FIRE LANE, NO PARKING, TOW AWAY ZONE" shall appear in four inch white letters with a one inch stroke centered on the red stripe at no more than 25 foot intervals.
2. Signs - If signs are used, the signs shall read "FIRE LANE NO PARKING TOW AWAY ZONE" and shall be 12 inches wide by 18 inches high. Signs shall be painted on a white sign with red letters and a red border, using not less than 2 inch lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet six inches above finish grade. Signs shall be spaced no more than 50 feet apart. Signs may be installed on permanent buildings or walls or as approved by the Fire Code Official.

Amend Section 503.4; change to read as follows:

**503.4 Obstruction of Fire Apparatus Access Roads.** Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 and any area marked as a fire lane as described in Section 503.3 shall be maintained at all times.

*Amend 503.6 Security gates to read as follows by adding:*

**503.6.1 Minimum requirements.** Security gates and gates securing fire apparatus access roads shall meet the following criteria:

1. The minimum gate width shall not be less than 20 feet.
2. Gates shall be of the swinging or sliding type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replace or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access by the means of a KNOX brand key switch. The KNOX key-operated switch shall be provided and install by the owner. The key-operated switch is to be located ten (10) feet from the gate, on the left side of the approach, placed on a pedestal with the key switch facing the fire lane. The key switch shall be no closer than four (4) feet six (6) inches or no farther than five (5) feet six (6) inches from the ground. Emergency opening devices shall be approved by the fire code official.
6. Electric gates may also be required to be equipped with a specialized automatic opening system as specified by the fire code official.
7. A manual means of releasing an electric gate shall be made available. A separate manual release box shall be installed on all electrical gates and secured with a KNOX padlock on the exterior side of the gate.
8. Manual opening gates that are to be locked shall be equipped with a KNOX padlock to allow emergency access by the fire department.

9. Locking device specifications shall be submitted for approval by the fire code official.
10. Main gates shall be located at least thirty (20) feet back from the inside edge of the sidewalk, or forty (30) feet from the edge of the public way on all newly constructed driveway's.
11. When a security gate is installed with a median, the entry side of the gate shall have a minimum opening and driving surface of twenty (20) feet.

## **SECTION 506**

### **KEY BOXES**

*Amend Section 506.1 Where required to read as follows:*

**506.1 Where required.** Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location. The key box shall be manufactured by the KNOX Company and shall contain keys to gain necessary access as required by the fire code official. The Fire Code Official is also authorized to require specialized automatic opening systems as needed. The specialized systems shall be compatible with the fire department.

## **SECTION 507**

### **FIRE PROTECTION WATER SUPPLIES**

*Amend Section 507.4 Water supply test to read as follows by adding:*

**507.4 Water supply test.** The water supply test used for hydraulic calculation of fire protection systems shall have been conducted within one year of the fire protection system plan submittal. A copy of the report shall be supplied to the Fire Marshal upon completion by the contractor or business owner.

*Amend Section 507.5.1 Where required to read as follows:*

**507.5.1 Where required.** The fire hydrants shall be installed at the location directed by the city engineer or as directed by the Fire Code Official. Unless approved by the city engineer and the Fire Code Official, fire hydrants shall have a maximum spacing of 500 feet in residential areas and 300 feet in commercial or mercantile areas. They shall be set truly vertical and securely braced with concrete blocks until self-standing, and shall be surrounded with a minimum of seven cubic feet of washed gravel or stone. Installation details are to be shown on the plans.

*Amend Section 507.5.4 Obstruction to read as follows:*

**507.5.4 Obstruction.** Unobstructed access to fire hydrants shall be maintained at all times. Posts, fences, vehicles, growth, trash, storage and other materials or objects shall not be placed or kept near fire hydrants, fire department inlet connections or fire protection system control valves in a manner that would prevent such equipment or fire hydrants from being immediately discernible. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants.

*Add Section 507.5.7 Identification to read as follows:*

507.5.7 Identification. All new fire hydrants, and FDC's shall be marked with either a reflective hydrant ring or reflective 4' hydrant rod. All fire hydrants and FDC's installed after the effective date of this chapter shall be required to have fire hydrant marker(s) installed or the fee for installation (\$100 per marker) paid to the City of Lavon for installation of such markers, before a certificate of occupancy or final approval will be issued.

Hydrant markers are to be installed by the developer, owner, or contractor as follows:

- (1) As may comply with the Department of Transportation(DOT) regulations.
- (2) Areas such as, but not limited to parking lots, loading areas, or storage yards shall have marker location designated by the Fire Marshal.
- (3) So as not to obstruct, disturb, tamper with any hydrants operational abilities.
- (4) Shall be maintained for a period of 5 years from date of install.

## **SECTION 509**

### **FIRE PROTECTION AND UTILITY EQUIPMENT IDENTIFICATION AND ACCESS**

Amend Section 509.1 Identification by adding Section 509.1.2 Sign requirements to read as follows:

*509.1.2 Sign requirements.* Unless more stringent requirements apply, new lettering for signs required by this section shall have a minimum height of two (2) inches when located inside a building and four (4) inches when located outside, or as approved by the Fire Code Official. The letters shall be of a color that contrasts with the background.

## **CHAPTER 6**

### **BUILDING SERVICES AND SYSTEMS**

Amend Section 607.2 change to read as follows:

607.2 Where Required. A Type I hood shall be installed at or above all commercial cooking appliances and domestic cooking appliances used for commercial purposes that produce grease vapors, including but not limited to cooking equipment used in fixed, mobile, or temporary concessions, such as trucks, buses, trailers, pavilions, or any form of roofed enclosure, as required by the fire code official.

Exceptions:

5. Tents, as provided for in Chapter 31.
6. In existing R-Type occupancies with domestic cooking appliances, UL300A listed self-contained fire suppression systems designed for use above residential range top cooking surfaces shall be allowed, provided these occupancies have a monitored fire alarm system.

Additionally, fuel gas and power provided for such cooking appliances shall be interlocked with the extinguishing system, as required by Section 904.12.2. Fuel gas containers and piping/hose shall be properly maintained in good working order and in accordance with all applicable regulations.

## **CHAPTER 8**

### **INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS**

Amend *Section 807.5.2.3 Artwork in corridors* by adding an exception to read as follows:

*Exception:* Wall decorations of children's art work and teaching materials shall be limited to single dimension wall hangings not to exceed 50 percent of the wall area if the corridor is protected by an automatic sprinkler system installed according to Section 903.

Amend *Section 807.5.2.3 Artwork in Classrooms*. Artwork and teaching materials shall be limited on walls of classrooms to not more than 50 percent of the specific wall area to which they are attached. Curtains, draperies, wall hangings and other decorative material suspended from the walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with Section 807 or be noncombustible.

## **CHAPTER 9**

### **FIRE PROTECTION SYSTEMS**

#### **SECTION 901**

##### **GENERAL**

Amend *Section 901.2 Construction documents* to read as follows by adding:

*901.2 Construction documents.* Approved plans shall be on site at all times during construction, inspections and testing.

Amend *Section 901.4.3 Fire areas* to read as follows:

*901.4.3 Fire areas.* Fire areas are the aggregate floor area of a building regardless of fire walls, fire barriers, fire partitions, or demising walls. For purposes of calculating fire protection system requirements the total building will be considered one structure.

Add *Section 901.6.4 False alarms and nuisance alarms* to read as follows:

*901.6.4 False alarms and nuisance alarms.* False alarms and nuisance alarms shall not be given, signaled, transmitted, caused or permitted to be given, signaled or transmitted in any manner.

Amend *Section 901.7 Systems out of service* to read as follows:

*901.7 Systems out of service.* Where a required fire protection system is out of service or in the event of an excessive number of activations, the fire department and the Fire Marshal shall be notified immediately and, where required by the Fire Marshal, the building shall either be evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shut down until the fire protection system has been returned to service. (Remaining text is unchanged.)

#### **SECTION 903**

##### **AUTOMATIC SPRINKLER SYSTEMS**

Amend *Section 903.2 Where required* to read as follows:

**903.2 Where required.** Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in this section.

1. Commercial buildings—Automatic sprinkler systems will be required in all newly constructed buildings exceeding 6,000 square feet of fire area, any remodel or addition that changes the footprint beyond 6,000 square feet or any single tenant expansion requiring a new certificate of occupancy that exceeds 12,000 square feet of fire area. Whichever requirement listed in this chapter, including exceptions, or defined in this amendment that is more restrictive will apply. Credit will not be given for fire barrier walls with a fire resistive rating in lieu of automatic fire sprinkler systems.
2. Townhomes—An automatic sprinkler system shall be installed in all townhouse occupancies with more than two dwelling units per building. The automatic sprinkler system shall be installed in accordance with NFPA 13-R to include garages.
3. Approved automatic sprinkler systems shall be installed in all stories of Group R buildings with three or more stories in height.

*Exception:* Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building with a fire-resistance rating of not less than 1 hour fire barriers constructed in accordance with Section 706 of the International Building Code or not less than 2 hour horizontal assemblies constructed in accordance with Section 711 of the International Building Code, or both. Due to limiting factors of construction, practicality and cost, Historical buildings may be exempt from requirements at the discretion of the Fire Marshal.

Amend Section 903.2.1.1 Group A-1. An automatic sprinkler system shall be provided for group A-1 occupancies where following conditions exists:

1. The floor area exceeds 6,000 square feet of fire area.

Amend Section 903.2.1.2 Group A-2. An automatic sprinkler system shall be provided for group A-2 occupancies where the following condition exists: (Add)

1. The floor area exceeds 5,000 square feet of fire area.

Amend Section 903.2.1.3 Group A-3. An automatic sprinkler system shall be provided for group A-3 occupancies where the following condition exists;

1. The floor area exceeds 6,000 square feet of fire area.

Amend Section 903.2.1.4 Group A-4. An automatic sprinkler system shall be provided for group A-4 occupancies where the following condition exists:

1. The floor area exceeds 6,000 square feet of fire area.

*Exception:* Areas used exclusively as swimming pool participant sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.

Amend Section 903.2.2 Group B. Existing unchanged.

1. The floor area exceeds 6,000 square feet of fire area.

Amend Section 903.2.3 Group E. An automatic sprinkler system shall be provided for E occupancies where the following condition exists: (Add)

1. The floor area exceeds 6,000 square feet of fire area.

Amend Section 903.2.4 Group F-1. An automatic sprinkler system shall be provided for F-1 occupancies where the following condition exists: (Add)

1. The floor area exceeds 6,000 square feet of fire area.

Amend Section 903.2.3.2 Group F-2. An automatic sprinkler system shall be provided for F-2 occupancies where the following condition exists: (Add)

1. The floor area exceeds 12,000 square feet of fire area.

Amend Section 903.2.7. Group M. An automatic sprinkler system shall be provided for M occupancies where following condition exists:

1. The floor area exceeds 6,000 square feet of fire area.
5. Self-service storage facility. An automatic sprinkler system shall be installed throughout all newly constructed self-service storage facilities.

Exception: One-story self-service storage facilities that have no interior corridors, with a one hour fire barrier separation wall installed between every storage compartment and less than 6,000 square feet.

Amend Section 903.2.9 Group S1. An automatic sprinkler system shall be provided for M occupancies where following condition exists:

1. The floor area exceeds 6,000 square feet of fire area

Amend Section 903.2.9.1 Repair Garages. An automatic sprinkler system shall be provided for M occupancies where following condition exists:

1. The floor area exceeds 6,000 square feet of fire area

Amend Section 903.2.11.3 Buildings more than 55 feet in height.

An automatic sprinkler system shall be installed throughout buildings with a floor level, other than penthouses in compliance with Section 1509 of the International Building Code that is located 55 feet (16764 mm) or more above the lowest level of fire department vehicle access.

Exceptions: Open parking structures

Amend Section 903.3 *Installation requirements* adding a paragraph to read as follows:

Buildings required to be sprinklered per Section 903 shall have a hydraulically designed sprinkler system that meets all the requirements of the Fire Code and Building Code. Standpipes may be combined with the sprinkler system.

Amend Section 903.3.1.1.1 *Exempt locations* to read as follows:

903.3.1.1.1 *Exempt locations*. When approved by the Fire Code Official, automatic sprinklers shall not be required in the following rooms or areas 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. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance-rated construction or contains electrical equipment.

1. Any room where the application of water, or flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the Fire Code Official.
3. Generator and transformer rooms separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a fire-resistance rating of not less than 2 hours.
4. Elevator machine rooms, machinery spaces, and hoistways other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances.

Amend *Section 903.3.1.3 NFPA 13D sprinkler systems* to read as follows:

*903.3.1.3 NFPA 13D sprinkler systems.* Automatic sprinkler systems installed in one and two family dwellings, Group R3 or Group R4 Condition 1 and townhouses shall be permitted to be installed throughout in accordance with NFPA 13D or in accordance with state law.

Amend *Section 903.3.5 Water Supplies* by adding a second paragraph to read as follows:

Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every water based fire protection system shall be designed with not less than a 10 p.s.i. safety factor.

*903.3.1.4.1 Attics.* Only dry-pipe, preaction, or listed antifreeze automatic fire sprinkler systems shall be allowed to protect attic spaces.

Exception: Wet-pipe fire sprinkler systems shall be allowed to protect non-ventilated attic spaces where:

1. The attic sprinklers are supplied by a separate floor control valve assembly to allow ease of draining the attic system without impairing sprinklers throughout the rest of the building, and
2. Adequate heat shall be provided for freeze protection as per the applicable referenced NFPA standard, and
3. The attic space is a part of the building's thermal, or heat, envelope, such that insulation is provided at the roof deck, rather than at the ceiling level.

*903.3.1.4.2 Heat trace/insulation.* Heat trace/insulation shall only be allowed where approved by the fire code official for small sections of large diameter water-filled pipe.

Amend *Section 903.4 Water supplies* by adding a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor. Each floor shall be equipped with a floor isolation valve that includes this water flow detector. Activation of the sprinkler system shall cause an alarm upon detection of water flow for more



than 45 seconds indicating the appropriate floor on the fire alarm control panel. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

Amend Section 903.4.2; add second paragraph to read as follows:

On all new construction, an alarm device is required on the exterior of the building and shall be a weatherproof horn/strobe notification appliance with a minimum 75 candela strobe rating, installed as close as practicable to the fire department connection or riser room. A water flow bell capable of producing at least a 96 decibels audible alarm shall also be installed to signal that water is flowing through the system.

Add Section 903.7 Freeze protection. Freeze protection systems for automatic fire sprinkler systems shall be in accordance with the requirements of the applicable referenced NFPA standard and this section.

## **SECTION 905**

### **STANDPIPE SYSTEMS**

Amend *Section 905.2 Installation standards* to read as follows:

**905.2 Installation standards.** Standpipe systems shall be installed in accordance with this section and NFPA 14. Manual dry standpipe systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm.

Amend *Section 905.9 Valve supervision* by adding a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor. Each floor shall be equipped with a floor isolation valve that includes this water flow detector. Activation of the sprinkler system shall cause an alarm upon detection of water flow for more than 45 seconds indicating the appropriate floor on the fire alarm control panel. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

## **SECTION 907**

### **FIRE ALARM AND DETECTION SYSTEMS**

Add *Section 907.1.4 Design standards* to read as follows:

**907.1.4 Design standards.** All alarm systems, new or replacement shall be addressable fire detection systems. Alarm systems serving more than 20 smoke detectors shall be analog 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 30% of the building. When cumulative building remodel or expansion exceeds 50% of the building, the fire alarm system shall be brought into compliance with this code within 12 months of permit application.

Amend *Section 907.2.3 Group E* to read as follows:

**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 shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in new Group E day care occupancies. Unless separated by a minimum of 50' 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:*

1. A manual fire alarm system is not required in Group E educational and day care occupancies with an occupant load of less than 50 when provided with an approved automatic sprinkler system.
  - 1.1. Residential In-Home day care with not more than 12 children may use interconnected single station detectors in all habitable rooms. (For care of more than five children 2 1/2 or less years of age, see Section 907.2.6.)

No change to remainder of section.

*Amend Section 907.2.12 High-rise buildings to read as follows:*

**907.2.12 High-rise buildings.** High rise buildings shall be provided with an automatic fire alarm system in accordance with Section 904.2.12.1, a fire department communication system in accordance with Section 907.2.13.2 and an emergency voice/alarm communications system in accordance with Section 907.5.2.2.

*Amend Section 907.2.12 High-Rise Buildings, Exception no. 3 to read as follows:*

Buildings with an occupancy in Group A-5 in accordance with Section 303.1 of the International Building Code, when used for open air seating; however, this exception does not apply to accessory uses including, but not limited to, sky boxes, restaurants and similarly enclosed areas.

*Amend Section 907.6.1 Wiring to read as follows by adding the sentence:*

**907.6.1 Wiring.** All fire alarm systems shall be installed in such a manner that the failure of any single alarm-actuating or alarm-indicating device will not interfere with the normal operation of any other such devices.

*Amend Section 907.6.3 Initiating device identification*

*Exceptions:*

1. Fire alarm systems in single-story buildings less than 6,000 square feet (2090 m<sup>2</sup>) in area.
2. Fire alarm systems that only include manual fire alarm boxes, waterflow initiating devices and not more than 10 additional alarm-initiating devices.
3. Existing special initiating devices that do not support individual device identification.

4. Provided less than 50% of the existing devices are replacing.

## **SECTION 910**

### **SMOKE AND HEAT REMOVAL**

Amend *Section 910.3.4 Smoke and heat vent operation* to read as follows by adding the sentence:

**910.4.5 Automatic Smoke and heat vent operation.** The automatic operating mechanism of the smoke and heat vents shall operate at a temperature rating of at least 100 degrees F (approximately 38 degrees Celsius) greater than the temperature rating of the sprinklers installed.

Amend Section 912.2; add Section 912.2.3 to read as follows:

**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 along an unobstructed path.

## **SECTION 913**

### **FIRE PUMPS**

Amend *Section 913.1 General* to read as follows and add a second paragraph:

**913.1 General.** Where provided, fire pumps shall be installed in accordance with this section and NFPA 20. All structures required to have a fire pump shall not share piping or fire pumps with other structures.

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 feet in width and 6 feet - 8 inches 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.

*Exceptions:* 1. 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 Marshal. Access keys shall be provided in the key box as required by Section 506.1.

2. 13R and 13D systems within a single family dwelling.

## **SECTION 914**

### **FIRE PROTECTION BASED ON SPECIAL DETAILED**

#### **REQUIREMENTS OF USE AND OCCUPANCY**

Amend Section 914.3.1.2; change to read as follows:

**914.3.1.2 Water Supply to required Fire Pumps.** In buildings that are more than 420 feet (128 m) in building height, required fire pumps shall be supplied by connections to no fewer than two water mains located in different streets. Separate supply piping shall be provided between each connection to the water main and the pumps. Each connection and the

supply piping between the connection and the pumps shall be sized to supply the flow and pressure required for the pumps to operate.

Exception: {No change to exception.}

## CHAPTER 10

### MEANS OF EGRESS

Amend *Sections 1001 through 1029* replace all references to Fire Code Official with Building Official.

*Amend Section 1010.1.9.5 Bolt Locks; change Exceptions 3 and 4 to read as follows:*

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. {*Remainder unchanged*}
4. Where a pair of doors serves a Group A, B, F, M or S occupancy {*Remainder unchanged*}

Amend *Section 1010.1.9.9 Sensor release of electronically locked egress doors* to read as follows:

*1010.1.9.9 Sensor release of electrically locked egress doors.* In fully sprinklered buildings the entrance doors in a means of egress in buildings shall meet the requirements of 1010.1.9.9 (Remainder of section unchanged.)

*Amend Section 1015.8 Window Openings; change number 1 to read as follows:*

1. Operable windows where the top of the sill of the opening is located more than 55 feet (16,764 mm) above the finished grade or other surface below and that are provided with window fall prevention devices that comply with ASTM F 2006.

*Amend Section 1023.11 Smokeproof enclosures* to read as follows:

*1023.11 Smokeproof enclosures.* In buildings required to comply with Section 403 or 405 of the International Building Code, each of the exits of a building that serves stories where any floor surface is located more than 55 feet above the lowest level of fire department access shall be a smoke proof enclosure in accordance with Section 909.20 of the International Building Code.

*Amend Section 1031.2 Reliability* to read as follows:

Required exit accesses, exits and exit discharges shall be continuously maintained free from obstructions or impediments to full instant use in the case of fire or other emergency. An exit or exit passageway shall not be used for any purpose that interferes with a means of egress.

*Amend Section 1031.3 Obstructions* to read as follows:

*1031.3 Obstructions.* A means of egress shall be free from obstructions that would prevent its use, including the accumulation of snow and ice and any other equipment, vehicle, device or appliance where its presence would obstruct or render the exit hazardous, such as but not limited to; motorcycles, gasoline and propane gas fueled equipment, bar-b-que grills, combustible storage and noncombustible storage, for use sale or display. The prohibited items may not be within 15' on either side of a means of egress or exit discharge.

## CHAPTER 11

### CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

Amend Section 1103.5 *Sprinkler systems* to read as follows by adding:

**1103.5.5 Spray booths and rooms.** Existing spray booths and spray rooms shall be protected by an approved automatic fire-extinguishing system in accordance with Section 2404.4

**1103.5.6 Expanded existing buildings.** An automatic sprinkler system shall be installed throughout all buildings that are enlarged to be 6,000 square feet or greater. For the purpose of fire sprinklers, fire walls shall not be used to define separate buildings.

*Exception:* Existing buildings or occupancy need not comply unless the total building expansion or alteration affects 30% of the total building square footage, unless a change of occupancy occurs.

Amend Section 1103.7 *Fire alarm system* to read as follows by adding:

**1103.7.7 Fire alarm system design standards.** Where an existing fire alarm system is upgraded or replaced, the devices shall be addressable. Fire alarm system utilizing more than 20 smoke and/or heat detectors shall have analog initiating devices.

*Exception:* Existing systems need not comply unless the total building, or fire alarm system, alteration or expansion exceeds 30% of the building square footage. When cumulative building, or fire alarm system, alteration or expansion initiated after the date of original fire alarm panel installation exceeds 50% of the building, or fire alarm system, the fire alarm system must comply within 18 months of permit application.

## CHAPTER 23

### Motor Fuel-dispensing Facilities and Repair Garages

**Amend Section 2304.1; change to read as follows:**

**2304.1 Supervision of Dispensing.** The dispensing of fuel at motor fuel-dispensing facilities shall be in accordance with the following:

1. Conducted by a qualified attendant; and/or,
2. Shall be under the supervision of a qualified attendant; and/or
3. Shall be an unattended self-service facility in accordance with Section 2304.3.

At any time the qualified attendant of item Number 1 or 2 above is not present, such operations shall be considered as an unattended self-service facility and shall also comply with Section 2304.3.

## **CHAPTER 33**

### **Fire Safety during Construction and Demolition**

*Amend Section 3310.1; add sentence to end of paragraph to read as follows:*

When fire apparatus access roads are required to be installed for any structure or development, they shall be approved prior to the time at which construction has progressed beyond completion of the foundation of any structure.

## **CHAPTER 36**

### **MARINAS**

*Amend Section 3604.2 Standpipes to read as follows by adding an exception:*

*3604.2 Standpipes.*

*Exception:* Existing marinas with approved fire protection provided by at least two mobile fire pumps with firefighting equipment kept in approved locations. New marinas shall be equipped with Standpipes per Section 3604.2.

## **CHAPTER 56**

### **EXPLOSIVES AND FIREWORKS**

*Amend Section 5601.1.3 Fireworks to read as follows:*

*5601.1.3 Fireworks.* The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

*Exceptions:*

1. When approved by the Fire Marshal for fireworks displays, the storage and handling of necessary fireworks as provided for in Sections 5602, 5604 and 5608.
2. The use of fireworks for approved displays as permitted in Section 5608.
3. Where allowed by State Law.

## **CHAPTER 57**

### **FLAMMABLE AND COMBUSTIBLE LIQUIDS**

*Amend Section 5704.2.11.4 Leak prevention to read as follows by adding:*

*5704.2.11.4 Leak prevention.* Leak prevention for underground tanks shall comply with Sections 5704.2.11.4.1 through 5704.2.11.4.2. An approved method of secondary containment shall be provided for underground tank and piping systems.

*Amend Section 5706.2.8 Dispensing from tank vehicles to read as follows:*

*5706.2.8.2 Mobile tank vehicles.*

*Amend Section 6107.4 and 6109.13; change to read as follows:*

6107.4 Protecting Containers from Vehicles. Where exposed to vehicular damage due to proximity to alleys, driveways or parking areas, LP-gas containers, regulators and piping shall be protected in accordance with Section 312.

6109.13 Protection of Containers. LP-gas containers shall be stored within a suitable enclosure or otherwise protected against tampering. Vehicle impact protection shall be provided as required by Section 6107.4.

### ***Administrative Amendments:***

5704.2.9.6.1 Locations where above-ground tanks are prohibited. Storage of Class I and II liquids in above-ground tanks outside of buildings is prohibited within the limits established by law as the limits of districts in which such storage is prohibited in areas as established by applicable land-use and zoning standards or by order of the AHJ.

5706.2.4.4 Locations where above-ground tanks are prohibited. The storage of Class I and II liquids in above-ground tanks is prohibited within the limits established by law as the limits of districts in which such storage is prohibited in areas as established by applicable land-use and zoning standards or by order of the AHJ.

## ***APPENDIX D***

### ***FIRE APPARATUS ACCESS ROADS***

*Amend Section D102.1 Access and loading to read as follows:*

*D102.1 Access and loading.* Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete or other approved all weather driving surface capable of supporting the imposed load of fire apparatus weighing at least 80,000 pounds.

*Amend Section D103.2 Grade to read as follows:*

*D103.2 Grade.* Fire apparatus access roads shall not exceed 7 percent in grade.

*Exception:* Grades steeper than 7 percent as approved by the Fire Marshal.

*Amend Table D103.4 Requirements for dead-end fire apparatus access roads to read as follows:*

Access road length of 0-150 feet, change width column from 20 to 24.

Access road length of 151-500 feet, change width column from 20 to 24.

Access road length of 501-750 feet, change the width column from 26 to 30.

(The rest of the table remains unchanged.)

*Amend Section D103.5 Fire apparatus access road gates no. 1 to read as follows:*

1. The minimum gate width shall not be less than 20 feet.

2. Gates shall be of the swinging or sliding type.

3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replace or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access by the means of a KNOX brand key switch. The KNOX key-operated switch shall be provided and install by the owner. The key-operated switch is to be located ten (10) feet from the gate, on the left side of the approach, placed on a pedestal with the key switch facing the fire lane. The key switch shall be no closer than four (4) feet six (6) inches or no farther than five (5) feet six (6) inches from the ground. Emergency opening devices shall be approved by the fire code official.
6. Electric gates may also be required to be equipped with a specialized automatic opening system as specified by the fire code official.
7. A manual means of releasing an electric gate shall be made available. A separate manual release box shall be installed on all electrical gates and secured with a KNOX padlock on the exterior side of the gate.
8. Manual opening gates that are to be locked shall be equipped with a KNOX padlock to allow emergency access by the fire department.
9. Locking device specifications shall be submitted for approval by the fire code official.
10. Main gates shall be located at least thirty (20) feet back from the inside edge of the sidewalk, or thirty (30) feet from the edge of the public way on all newly constructed driveway's.
11. When a security gate is installed with a median, the entry side of the gate shall have a minimum opening and driving surface of twenty (20) feet.

**Section 3.** Penalty Clause. Any person violating the provisions of this Ordinance shall upon conviction, be subject to a fine; in accordance with the general provisions of the Code of Ordinances and that each day in violation shall constitute a separate offense.

**Section 4.** Severability Clause. In the event any clause, phrase, provision, sentence, or any part of this Ordinance or the application of the same to any person or circumstances shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provisions hereof other than the part declared to be invalid or unconstitutional; and the City Council of the City of Lavon, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

**Section 5.** Cumulative/Repealer Clause. This ordinance shall be cumulative of all provisions of state or federal law and all ordinances of the City of Lavon, Texas, except where the provisions of this ordinance are in direct conflict with the provisions of such



other ordinances, in which event the conflicting provisions of such ordinances are hereby repealed to the extent of such conflict.

**Section 6.** Open Meeting. It is hereby officially found and determined that all notice required by law has been given and notice of this Ordinance was posted and the Ordinance passed in accordance with the Open Meeting Act.

**Section 7.** Effective Date. This Ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law in such cases provides.

**DULY PASSED and APPROVED** by the City Council of the City of Lavon, Texas, on the 18<sup>th</sup> day of September 2018.

  
Vicki Sanson, Mayor

ATTEST:

  
Kim Dobbs, City Administrator | City Secretary

