

ORDINANCE NO. 2020-34

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GEORGETOWN, TEXAS AMENDING CHAPTER 8.04 "FIRE PREVENTION CODE" OF THE CODE OF ORDINANCES PROVIDING FOR THE ADOPTION OF THE 2015 INTERNATIONAL FIRE CODE AND CORRESPONDING LOCAL AMENDMENTS; PROVIDING A SEVERABILITY CLAUSE; REPEALING CONFLICTING ORDINANCES AND RESOLUTIONS; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, it is the desire of the City Council of Georgetown, Texas to adopt, in all respects, the "2012 International Fire Code," with the associated commercial and residential code requirements and (appendices, errata, deletions, local amendments, and as amended in the future) relating to the fire prevention as set forth herein; and

WHEREAS, the City Council of Georgetown, Texas has found that the present fire codes of the City of Georgetown has become obsolete and inadequate; and

WHEREAS, the City Council of Georgetown, Texas has determined that the adoption of the 2012 International Fire Code is done to facilitate proper inspection activities by Georgetown, Texas relating to fire prevention within the corporate city limits of Georgetown, in extraterritorial jurisdiction of Georgetown, and for commercial buildings served by Georgetown utilities, relating to public safety, health, and general welfare; and

WHEREAS, the Building Standards Commission, which has been appointed by the City Council, has (1) reviewed the effect of the proposed regulations; (2) held public hearings related to same; and (3) made recommendations to the City Council for adoption of the same, including amendments noted herein; and

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

Section 1. The meeting at which this ordinance was approved was in all things conducted in compliance with the Texas Open Meetings Act, Texas Government Code, Chapter 551.

Section 2. The facts and recitations contained in the preamble of this ordinance are hereby found and declared to be true and correct and are incorporated by reference herein and expressly made a part hereof, as if copied verbatim

Section 3. Chapter 8.04, "Fire Code," is hereby amended in its entirety as shown on Exhibit A.

Section 4. All projects that are under construction and all projects with a complete applications for a building permit accepted by the City of Georgetown, Texas prior to the Effective Date of this shall be allowed to complete construction under the terms of the prior provisions of Chapter 8.04 and shall not be required to meet the requirements of the 2015 International Fire Code. All permit applications submitted on or after the Effective Date of this Ordinance shall comply with the terms of Chapter 8.04 as amended by this Ordinance in its entirety.

Section 5. If any provision of this ordinance or application thereof to any person or circumstance shall be held invalid, such invalidity shall not affect the other provisions, or application thereof, of this ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are hereby declared to be severable.

Section 6. All ordinances that are in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

Section 7. The Mayor is hereby authorized to sign this ordinance and the City Secretary to attest. This Ordinance shall become effective on June 1, 2020 and in accordance with the provisions of the Charter of the City of Georgetown.

PASSED AND APPROVED on First Reading on the 14th day of April, 2020.

PASSED AND APPROVED on Second Reading on the 28th day of April, 2020.

ATTEST:

THE CITY OF GEORGETOWN


Robyn Delismore, City Secretary

By: 
Dale Ross, Mayor

APPROVED AS TO FORM:



Charlie McNabb, City Attorney

EXHIBIT A

CHAPTER 8.04 - FIRE PREVENTION CODE

Sec. 8.04.010. - Fire code adopted.

- A. The provisions of the "International Fire Code," 2015 Edition, including Appendices B, C, D, E, F, G, H, I, K, L and M, with the specific local amendments set forth in this Chapter are hereby adopted. In this Chapter, the 2015 International Fire Code shall be referred to as the "Fire Code" and the Fire Code shall establish regulations affecting or relating to structures, processes, premises and safeguards.

- B. A copy of the Fire Code shall be placed at the Georgetown Public Library and on file at the office of the Building Official.

Sec. 8.04.020. - Section 101.1, Title, amended.

The Fire Code, Section 101.1 Title, is hereby amended to read as follows:

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

Sec. 8.04.030. - Subsection 101.2.1, Appendices, amended.

The Fire Code, Section 101.2.1, Appendices, is hereby amended to read as follows:

101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted; therefore, the following appendices are adopted as part of this code:

APPENDIX-B fire-flow requirements for buildings

APPENDIX-C fire hydrant locations and distribution

APPENDIX-D fire apparatus access roads

APPENDIX-E hazard categories (as reference information)

APPENDIX-F hazard ranking

APPENDIX-G cryogenic fluids - weight and volume equivalents (as reference information)

APPENDIX-H hazardous materials management plan (hmmp) and hazardous materials inventory statement plan (hmis) instructions

APPENDIX-I fire protection systems-noncompliant conditions

APPENDIX-K construction requirements for existing ambulatory care facilities

APPENDIX- L requirements for fire fighter air replenishment systems

APPENDIX- M high-rise buildings-retroactive automaticsprinkler requirement

Sec. 8.04.040. – Section 102.7 Referenced codes and standards, amended.

The Fire Code, Section 102.7, Reference codes and standards, is hereby amended to read as follows:

102.7 Referenced codes and standards. the codes and standards referenced in this code shall be those that are listed in chapter 80 (as amended), and such codes and standards shall be considered to be part of the requirements of this code to the prescribed extent of each such reference and as further regulated in sections 102.7.1 and 102.7.2.

Sec. 8.04.050 - Section 105.6.32, Open Burning, amended.

The Fire Code, Section 105.6.32, Open Burning, is hereby amended to read as follows:

105.6.32 Open burning. An operational permit is required for the kindling or maintaining of an open fire or a fire on any public street, alley, road, or other public or private ground. Instructions and stipulations of the permit shall be adhered to. Operational permits for recreational fires will be issued on an annual basis. Permits, shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled. Commercial burn permits will be issued to the name of the company that will be responsible. The permit shall be kept on site and readily available for view upon request at all times when burning. A permit shall be obtained from the City of Georgetown fire marshal's office at www.fire.georgetown.org. Persons who are issued an operational permit may have the permit revoked in the case of not adhering to the guidelines of the operational permit for a period of up to 24 months.

Sec. 8.04.060. - Section 108.1, Board of Appeals established, amended.

The Fire Code, Section 108.1, Board of Appeals established, is hereby amended to read as follows:

108.1 Board of appeals established. In order to hear and decide appeals of order, 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 governing body and shall be referenced as the Building Standards Commission.

Sec. 8.04.070. - Section 108.3, Qualifications, amended.

The Fire Code, Section 108.3, Qualifications, is hereby amended to read as follows:

108.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training and are appointed in accordance to the City of Georgetown ordinance 2.64.010 created-membership or most current City ordinance that pertains to this matter.

8.04.080. - Section 108.4, Administrative Appeal, added.

The Fire Code, Section 108.4, Administrative Appeal, is hereby added to read as follows:

108.4 Administrative Appeal. Whenever a violation of this Code has been found and the applicant wishes to appeal the decision, because of code interpretation or unreasonable hardship, an appeal may be filed to the fire code official or an authorized representative, as follows:

1. An appeal shall be filed in writing to the Georgetown Fire Department, Fire and Life Safety Division.
2. The Fire Code Official, or an authorized representative, will hear the appeal within 10 working days of the receipt of the appeal.
3. Adequate information shall be provided by the applicant on the petition of appeal to fully describe the condition(s) in question.
4. The Fire Code Official, or an authorized representative, may use a hearing committee consisting of such staff as deemed appropriate to provide advice on a particular appeal.
5. The applicant may, but is not required to, meet with the Fire Code Official, or a authorized representative, to discuss the appeal.
6. If the appeal is denied, the applicant shall comply with the requirement(s) of the Fire Code and the administrative appeal decision or file an appeal to the Board of Appeals provided in section 108.1 of this code.

Sec. 8.04.090. - Section 109.4, Violation Penalties, amended.

The Fire Code, Section 109.4, Violation Penalties, is hereby amended to read as follows:

109.4 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, punishable by a fine of not more than two thousand dollars. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Sec. 8.04.100. – Section 111.2, Issuance – a stop work orders, amended.

The Fire Code, Section 111.2, Issuance – a stop work orders, is hereby amended to read as follows:

111.2 issuance. A stop work orders. Whenever any work or construction is being done contrary to the provisions to this Fire Code or without any permit or approval by the Fire Code, Fire Code Official, or the Fire Code Official's designee may order the work or construction stopped by notice in writing served on any person(s) engaged in performing or causing such work to be performed. Whenever work or construction is stopped in accordance with this section 4, a written notice to stop work issued and shall be posted on the property in a manner reasonably visible to any person that performs any work on the property. All persons shall then cease all work or construction on the property until authorized to proceed by the Fire Code Official. Any person failing to comply with a notice to stop work, or removing any notice to stop work from any premises without permission of the Fire Code Official shall be guilty of a misdemeanor.

Sec. 8.04.110. - Section 111.4, Failure to Comply, amended.

The Fire Code, Section 111.4, Failure to Comply, is hereby amended to read as follows:

111.4 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 less than two hundred dollars nor more than two thousand dollars.

Sec. 8.04.120. - Section 202, Definitions, added and amended.

The Fire Code, Section 202, Definitions, is hereby amended to include the following amended or added defined terms:

"Bed and Breakfast" means an owner-occupied private residential structure(s) used for the rental of overnight accommodations serving less than 16 occupants and whose owner serves breakfast at no extra cost to its lodgers.

"Board of Appeals" means a board of qualified members who are appointed to hear and decide appeals of orders, decisions, or determinations made by the Fire Code Official. For the purpose of this Code, Board of Appeals shall be synonymous with the Building Standards Commission.

"Driveway" means a vehicular ingress and egress route that serves no more than two buildings or structures, not including accessory structures, or no more than five dwelling units.

"Fire risk analysis" means an analytical review conducted by the Fire Code Official in accordance with nationally recognized standards to determine levels of fire protection requirements. The Fire Code Official utilizes NFPA 1142, the

International Wildland-Urban Interface Code or other nationally recognized codes and standards for conducting the review.

"Residential Group R-1" means residential occupancies containing sleeping units where the occupants are primarily transient, including:

Bed and Breakfast (transient) less than 16 occupants;
Boarding houses (transient) with more than 10 occupants;
Congregate living facilities (transient) with more than 10 occupants;
Hotels (transient); and
Motels (transient).

Sec. 8.04.130. – Section 307, Open burning, recreational fires and portable outdoor fire places, amended.

The Fire Code, Section 307 Open Burning, Recreational Fires and Portable Outdoor Fire Places, is hereby amended to read as follows:

Sec. 8.04.140. – SECTION 307.1 General, added.

The Fire Code, Section 307.1 General, is hereby added to read as follows:

307.1 GENERAL. A person shall not kindle or maintain or authorize to be kindled or maintained any open burning unless conducted and approved in accordance with the sections below.

Sec. 8.04.150. – SECTION 307.1.1 Prohibited open burning, added.

The Fire Code, Section 307.1.1 Prohibited Open Burning, is hereby added to read as follows:

307.1.1 PROHIBITED OPEN BURNING. Open burning shall be prohibited when atmospheric conditions or local circumstances make such fires hazardous.

Sec. 8.04.160. – SECTION 307.1.2 Authorization, added.

The Fire Code, Section 307.1.2 Authorization, is hereby added to read as follows:

307.1.2 AUTHORIZATION. Where required by state or local law or regulations, open burning shall only be permitted with prior approval from the local authority (Georgetown Fire Department) and Texas Commission on Environmental Quality provided that all conditions specified in the authorization are followed. Persons who are issued an operational permit may have the permit revoked in the case of not adhering to the guidelines for a period of up to 24 months.

Sec. 8.04.170. – SECTION 307.1.3 Extinguishment Authority, added.

The Fire Code, Section 307.1.2 Extinguishment Authority, is hereby added to read as follows:

307.1.3 EXTINGUISHMENT AUTHORITY. Where open burning creates or adds to a hazardous situation, or a required permit for open burning has not been obtained, the fire code official is authorized to order the extinguishment of the open burning operation.

Sec. 8.04.180. – SECTION 307.1.4, Permit Required, added.

The Fire Code, Section 307.1.4 Permit Required, is hereby added to read as follows:

307.1.4 PERMIT REQUIRED. An operational permit is required for the kindling or maintaining instructions and stipulations of the permit shall be adhered to permits, shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled. Commercial burn permits will be issued to the name of the company that will be responsible. The permit shall be kept on site and readily available for view upon request at all times when burning. A permit shall be obtained from the city of Georgetown Fire Marshal's office at www.fire.georgetown.org prior to kindling a fire for the following:

1. **CONTROLLED BURN.** A **controlled burn** is an open fire used for the burning of unwanted vegetation, fallen limbs, and leaves from the same property and requires an operational burn permit.

Operational Burn Permit Requirements (Residential Valid For 365 Days)

2. **BONFIRE.** A **bonfire** is defined as an outdoor fire utilized for ceremonial purposes and requires a bonfire permit. A bonfire shall not be conducted within 100 feet of a structure or combustible material. Conditions which could cause a fire to spread within 100 feet of a structure shall be eliminated prior to ignition. The fuel load of a **bonfire shall not exceed 10' x 10' in size.**

A Bonfire Permit Is Required and Is Only Valid Per Event

3. **PRESCRIBED BURN PERMIT.** A **prescribed burn** is defined as a fire used for the purpose of reducing the impact of a wildlife fire, crop management, general land clearing, and prevention of and control of diseased pests/animals. A prescribed fire is allowed within the county of Georgetown's fire district with issuance of a prescribed burn permit.

A Prescribed Fire Permit Is Valid 30 Days from Issuance

4. **COMMERCIAL BURN PERMIT.** A **commercial burn** is generally accomplished by general contractors in a commercial construction application using an **Air Curtain Incinerator (ACI)**: an incinerator that operates by forcefully projecting a curtain of air across an open chamber

or pit in which combustion occurs. Incinerators of this type may be constructed above or below ground and with or without refractory walls or floor. An air trench or burn box operation that promotes efficient burning, producing less smoke and less fire embers.

A Commercial Burn Permit requires a Site Approval by the Georgetown Fire Marshal's Office and is valid 30 Days from issuance.

Sec. 8.04.190. – SECTION 307.2 Open burning not requiring a permit, added.

The Fire Code, Section 307.2 Open Burning Not Requiring a Permit, is hereby added to read as follows:

307.2 OPEN BURNING NOT REQUIRING A PERMIT. The following types of outdoor fires do not require burn permits:

1. **COOKING FIRES.** A **cooking fire** is defined as an outdoor fire where fuel (wood, charcoal, natural gas or liquefied petroleum gas) is used in preparation of food prior to consumption. Fuel being burned is contained in a barbeque grill, barbeque pit, fire ring or similar container. The process of burning wood to create coal will be considered as part of the cooking process. Cooking fires are allowed in the city limits of Georgetown and Georgetown's Fire Response District without an operational permit from the Fire Department / Fire Marshal's office.

RULES FOR COOKING FIRES:

- a. Charcoal burners and other open-flame cooking devices shall not be operated on combustible balconies of any multi-family structure (apartment complex) not equipped with a fire suppression sprinkler system.
- b. Charcoal burners and other open-flame cooking devices shall not be operated within 10 feet of combustible construction; this includes balconies and patios for any multi-family dwelling.
- c. It is highly recommended not to operate charcoal burners and open-flame cooking devices within 10 feet of combustible structures at single family residents.

2. **PORTABLE OUTDOOR FIRE PLACE.** A **portable outdoor fire place** is defined as a portable, outdoor, solid-fuel-burning fireplace that may be constructed of steel, concrete, clay, or other noncombustible material. A portable 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. Commercially available examples include chimineas, outdoor fireplaces and outdoor fire pits.

RULES FOR PORTABLE OUTDOOR FIRES:

Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 15 feet of a structure or combustible material.

3. **RECREATIONAL FIRES.** A **recreational fire** is defined as an outdoor fire burning materials other than rubbish where the fuel being burned is not contained in an incinerator, outdoor fireplace, portable outdoor fireplace, barbeque grill or barbeque pit and has a **fuel area of 3 feet or less in diameter and 2 feet or less in height** for pleasure, religious, ceremonial, cooking warmth or similar purpose. Examples of this are traditional campfire rings or fire pits with fuel dimensions stated above. Recreational fires are allowed within the city limits of Georgetown and Georgetown's fire response district.

Note: Prohibited Materials: Fuel, for a recreational fire, will not include rubbish, construction waste, treated lumber, tires, electrical wiring, lead flashing, carpet, heavy oils, plastics, chemical waste or other synthetic materials.

RULES FOR RECREATIONAL FIRES:

- a. Recreational fires shall not be conducted within 25 feet of a structure or combustible material.
- b. Conditions which could cause a fire to spread within 25 feet of a structure shall be eliminated prior to ignition.

Sec. 8.04.200. – SECTION 307.3 Attendance, added.

The Fire Code, Section 307.3 Attendance, is hereby added to read as follows:

307.3 Attendance. A fire extinguisher with a minimum 4-a rating or other approved on site fire extinguishing equipment, such as dirt, sand, water barrel, garden hose, dozer, or water truck shall be available for immediate utilization. Burning shall be commenced and conducted only when wind direction and other meteorological conditions are such that smoke and other pollutants will not cause adverse effects to any public road, landing strip, navigable water, or off site structure. Open burning adversely effecting public health will be extinguished. Burning shall not be commenced when surface wind speed is predicted to be less than six miles per hour (mph) or greater than 23 (mph) during the burn period. With the exception of bonfires, cooking fires, recreational fires, and portable fireplace fires, permitted fires shall not be ignited prior to sunrise and shall be extinguished prior to sunset. All Texas Commission on Environmentally Quality (TCEQ) rules will apply for prescribed burning.

Sec. 8.04.210. - Section 503.1, Fire apparatus access roads, where required, amended.

The Fire Code, Section 503.1, Fire apparatus access roads, where required, is hereby amended to read as follows:

503.1 Fire apparatus access roads, where required. Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3, and Appendix D.

Sec. 8.04.220. - Section 503.2, Fire apparatus access roads, specifications, amended.

The Fire Code, Section 503.2, Fire apparatus access roads, specifications, is hereby amended to read as follows:

503.2 Fire apparatus access roads, specifications. Fire apparatus access roads shall be installed and arranged in accordance with sections 503.2.1 through 503.-10, and Appendix D.

Sec. 8.04.230. – SECTION 503.2.1 Dimension, amended.

The Fire Code, Section 503.2.1 Dimension, is hereby amended to read as follows:

503.2.1 DIMENSION. No building of any type construction for occupancy shall be constructed in such a manner that any part of the structure is more than 150 feet from a public street or highway; provided, however, that such structure may be erected at a greater distance if the owner designates, constructs and maintains a fire lane having a minimum unobstructed width of 20 feet and a minimum height clearance of 14 feet terminating within 150 feet of the furthest set point of such structure.

Sec. 8.04.240. – SECTION 503.2.2.1 Fire lanes during a fire, added.

The Fire Code, Section 503.2.2.1 Fire lanes during a fire, is hereby added as follows:

503.2.2.1 Fire lanes during a fire. The Fire Code Official Is authorized to establish fire lanes during any fire, and to exclude all persons other than those authorized to assist in extinguishing the fire from within such lanes.

Sec. 8.04.250. – SECTION 503.2.2.2 Other fire lanes, added.

The Fire Code, Section 503.2.2.2 Other fire lanes, is hereby added as follows:

503.2.2.2. Other fire lanes. The Fire Code Official is authorized to establish such other fire lanes as deemed necessary for the safe and adequate movement of fire trucks and apparatus.

Sec. 8.04.260. – SECTION 503.2.2.4 Fire lanes near fire stations, added.

The Fire Code, Section 503.2.2.4 Fire lanes near fire stations, is hereby added as follows:

503.2.2.4. Fire lanes near fire stations. Fire lanes shall be established to

prohibit parking within 20 feet of the driveway entrance to any fire station and on the side of the street opposite of the entrance to any fire station within 75 feet of said entrance.

Sec. 8.04.270. – SECTION 503.2.2.5 Fire lanes violations, added.

The Fire Code, Section 503.2.2.5 Fire lanes violations, is hereby added as follows:

503.2.2.5. Fire lanes violations. It shall be unlawful for any owner, manager or person in charge of any premises to abandon or close such fire lane without written permission of the fire code official.

Sec. 8.04.280. – SECTION 503.2.2.6 Modifications, added.

The Fire Code, Section 503.2.2.6 Modifications, is hereby added as follows:

503.2.2.6. Modifications. Fire code official shall have power to modify any of the provisions of this section upon application in writing by to the owner of the property, or his duly authorized agent, when there are practical difficulties in application of the provisions of this section; provided, that the spirit of this section shall be observed, public safety secured, and substantial justice done. The particulars of such modifications when granted or allowed and the decision of the fire code official thereon shall be entered upon the records of the division and a signed copy shall be furnished to the applicant.

Sec. 8.04.290. – SECTION 503.2.3 Surfaces, added.

The Fire Code, Section 503.2.3 Surfaces, is hereby added as follows:

503.2.3 Surfaces. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all- weather driving capabilities. All fire lanes must be maintained and kept in a state of good repair at all times by the owner, manager or person in charge of the premises and the city bears no responsibility for the maintenance thereof.

Sec. 8.04.300. – SECTION 503.2.4 Turning Radius, amended.

The Fire Code, Section 503.2.4 Turning Radius, is hereby amended to read as follows:

503.2.4 Turning Radius. The required turning radius of a fire apparatus access road shall be determined by the fire code official, WHICH IS 25' INSIDE AND 50' OUTSIDE.

Sec. 8.04.310. – SECTION 503.3 Marking, amended.

The Fire Code, Section 503.3 Marking, is hereby amended to read as follows:

503.3 MARKING. Where required by the Fire Code Official, approved signs or other approved notices or markings that include the words fire lane tow away zone

shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. the means by which fire lanes are designated shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility.

Sec. 8.04.320. – SECTION 503.3.1 Responsibly, added.

The Fire Code, Section 503.3 Responsibly, is hereby added to read as follows:

503.3.1. RESPONSIBLY. The owner, manager or person in charge of any building or property to which fire lanes have been approved or required by the fire code official shall mark and maintain said fire lanes.

Sec. 8.04.330. – SECTION 503.3.2 Details of fire lane marking, added.

The Fire Code, Section 503.3.2 Details of fire lane marking, is hereby added to read as follows:

503.3.2 DETAILS OF FIRE LANE MARKING.

1. All curbs and curb ends shall be painted red with four-inch white lettering stating "FIRE LANE—TOW AWAY ZONE". The words "FIRE LANE" by themselves are not acceptable. wording may not be spaced more than 30 feet apart.
2. In areas where fire lanes are required but no continuous curb is available, one of the following methods shall be used, in conjunction with the curb markings, to indicate that the fire lane is continuous:

OPTION NO. 1: A sign 12-inches wide and 18-inches in height with red lettering on a white reflective background and border in red stating "FIRE LANE - TOW AWAY ZONE". The words "fire lane" by themselves are not acceptable. Sign shall be mounted conspicuously along the edge of the fire lane. Sign must be spaced no more than 30 feet apart at a minimum height of to 7 feet above finished grade.

OPTION NO. 2: From the point the fire lane begins to the point the fire lane ends, including behind all parking spaces which adjoin a fire lane, shall be marked with one continuous six to eight-inch red stripe painted on the drive surface behind the parking spaces. All curbing adjoining a fire lane must be painted red.

Sec. 8.04.340. – SECTION 503.3.3 Certain Subdivision Street fire lanes, added.

The Fire Code, Section 503.3.3 Certain Subdivision street fire lanes, is hereby added to read as follows:

503.3.3 Certain subdivision street fire lanes- In subdivision streets where parking is not allowed on one side or both sides of the street, fire lanes are required shall be marked and maintained in the following manner:

1. A sign 12-inches wide and 18-inches in height with red lettering on a white reflective background and border in red stating "FIRE LANE - TOW AWAY ZONE", along with the words "THIS SIDE OF THE STREET" or "BOTH SIDES OF THE STREET". The words "fire lane" by themselves are not acceptable. Sign shall be mounted conspicuously along the edge of the fire lane. Sign must be at the beginning of a street and spaced no more than 250 feet apart at a minimum height of 7 feet above finished grade.
2. Red stripes and curbs will contain the wording "NO PARKING - FIRE LANE" or "FIRE LANE - TOW AWAY ZONE" or combination of similar wording painted in is four-inch white letters. the words "fire lane" by itself is not acceptable. Wording must not be spaced more than 30 feet apart.

Sec. 8.04.350. – SECTION 503.3.4 Temporary special event fire lanes, added.

The Fire Code, Section 503.3.4 Temporary special event fire lanes, is hereby added to read as follows:

503.3.4. Temporary special event fire lanes. In areas where temporary fire lanes are required for special events, the following method shall be used:

1. A sign 12-inches wide and 18-inches in height with red lettering on a white background and border in red stating "NO PARKING - FIRE LANE - TOW AWAY ZONE". The words "fire lane" by themselves are not acceptable. Sign shall be mounted conspicuously along the edge of the fire lane without impeding sidewalks and spaced every 60-65 feet apart at a minimum height of 7 feet above finished grade.

Sec. 8.04.360. – SECTION 503.3.5 Unlawful, added.

The Fire Code, Section 503.5 Unlawful, is hereby added to read as follows:

503.3.5 UNLAWFUL. It is unlawful for any person to attempt or in fact alter, destroy, deface, injure, knock down or remove any sign designating a fire lane or tow-away zone erected under the terms of this code, or to deface a curb marking in any way.

Sec. 8.04.370. – SECTION 503.4 Obstruction of fire apparatus access roads, amended.

The Fire Code, Section 503.4, Obstruction of fire apparatus access roads, is hereby amended to read as follows:

503.4 OBSTRUCTION OF FIRE APPARATUS ACCESS ROADS. It is unlawful for any person to park, place, allow, permit or cause to be parked, placed, or remain unattended, any vehicle or similar obstruction within or upon an area designated as fire lane and marked by an appropriate sign or curb marking. Any vehicle or similar obstruction found parked or unoccupied within an area designated

as a fire lane as required by this section is declared a nuisance and may be towed without notice. Any such vehicle or similar obstruction parked or unoccupied in such a manner as to obstruct in whole or in part any such fire lane shall be prima facie evidence that the registered owner unlawfully parked, place, or permitted to be parked or placed such obstruction within a fire lane. The records of the state highway department or the county highway license department showing the name of the person to whom the highway license or boat or trailer license is issued shall constitute prima facie evidence of ownership by the named persons.

Sec. 8.04.380. – SECTION 503.4.1 Enforcement, added.

The Fire Code, Section 503.4.1, Enforcement, is hereby added to read as follows:

503.4.1 ENFORCEMENT. The Fire Chief, Fire Code Official, or the Chief of Police, or designees are authorized to issue parking citations for any vehicle or similar obstruction or to have said vehicle removed by towing it away without further notice. such vehicle or obstruction may be redeemed by payment of the towage and storage charges at the owner's expense. no parking citations shall be voided nor shall the violator be relieved of any penalty assessed by a judge of the municipal court for any violation of this provision by the redemption of the obstruction from the storage facility.

Sec. 8.04.390. – SECTION 503.4.2 Penalties, added.

The Fire Code, Section 503.4.2 Penalties, is hereby added to read as follows:

503.4.2 PENALTIES. Any person who shall violate any of the provisions of this section or fail to comply herewith, or shall violate or fail to comply with any order made thereunder, or who shall build in violation of any detailed statement of specifications or plans submitted and approved thereunder, or any certificate or permit issued thereunder, and from which not appeal has been taken, or who shall fail to comply with such an order as affirmed or modified by the City, shall severally for each every violation and noncompliance respectively, be guilty of a misdemeanor.

Sec. 8.04.400. – SECTION 503.7 Plan Review, added.

The Fire Code, Section 503.7 Plan Review, is hereby added to read as follows:

503.7 PLAN REVIEW. The Fire Code Official shall approve or deny all designated fire lane locations along with appropriation option for marking such fire lanes. The contractor or person in charge of any construction site for commercial, industrial, mercantile, education, instructional, assembly, hotel, motel, multifamily dwelling, or mobile home park occupancies or for any other development for which the Fire Code Official deems appropriate, shall provide and maintain during construction an approved all-weather fire lane, not less than 20 feet in width, as

shown on approved plot plans. final paving of such fire lane shall be completed prior to issuance of any certificate of occupancy.

Sec. 8.04.410. – SECTION 503.8 Traffic control signaling devices, added.

The Fire Code, Section 503.8 Traffic control signaling devices, is hereby added to read as follows:

503.8 TRAFFIC CONTROL SIGNALING DEVICES. Fire apparatus access roads, which have new electronic traffic control signaling devices installed, shall include preemptive control equipment compatible with the fire department's existing system.

Sec. 8.04.420. – SECTION 503.9 Special event fire lanes, added.

The Fire Code, Section 503.9 Special event fire lanes, is hereby added to read as follows:

503.9 SPECIAL EVENT FIRE LANES. No person shall park a vehicle in any fire lane designated by the posting of a sign which complies with 503.3 option iii markings "fire lane markings" and being the portions of the following streets:

1. North side of 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, and 11th streets east of Martin Luther King Street and West of College Street.
2. West side of Forest Street, Rock street, Main Street, Church Street, Myrtle Street, Elm Street, and Ash Street North of University Street and South of 2nd Street.
3. all cars parked in violation of this section may be towed at the owner's expense.

Sec. 8.04.430. – SECTION 503.10 Fire apparatus access roads, added.

The Fire Code, Section 503.10 Fire apparatus access roads, is hereby added to read as follows:

503.10 Fire apparatus access roads, Traffic Control Signaling Devices. Fire apparatus access roads, which have new electronic traffic control signaling devices installed, shall include preemptive control equipment compatible with the Fire Department's existing system.

Sec. 8.04.440. – SECTION 505.1 Address Identification, amended.

The Fire Code, Section 505.1 Address Identification, is hereby amended to read as follows:

505.1 ADDRESS IDENTIFICATION:

Size of numbers required.

Address numbers shall be a minimum of four inches in height and shall be of a color contrasting with the color of the structure to which they are attached. The following guidelines shall be used to determine the size of address numbers required when attaching numbers to structures set back from the roadway with an unobstructed view:

| DISTANCE FROM CENTERLINE OF ROADWAY TO STRUCTURE BEARING ADDRESS | SIZE OF ADDRESS NUMBERS |
|--|-------------------------------|
| 0—75 FEET | 4—12 INCHES |
| 75—150 FEET | 12—20 INCHES |
| 150—225 FEET | 20—28 INCHES |
| OVER 225 | APPROVAL OF BUILDING OFFICIAL |

Sec. 8.04.450. - Section 507.1, Required water supply, amended.

The Fire Code, Section 507.1, Required water supply, is hereby amended to read as follows:

507.1 Required water supply. An approved water supply capable of supplying the required fire flow for fire protection shall be provided to premises upon which facilities, buildings or portions of buildings are hereafter constructed or moved into or within the jurisdiction. Where property is subdivided with or without the creation of public or private streets for the expressed purpose of providing said subdivided parcels for sale or otherwise permitting separate and/or individual development to occur, an approved water supply capable of supplying the projected fire flow for fire protection shall be provided and extended to serve directly any and all subdivided properties. The projected fire flow will be based on the greatest potential demand posed by any type of occupancy allowed by zoning laws on the projected property.

Exception: Additions to existing and newly constructed one- and two-family homes located in areas having substandard water supplies, where the development of full fire-flow is impractical, shall comply with the provisions of Appendix B Section B103 with the approval of the Fire Code Official.

Sec. 8.04.460. - Section 507.2.1, Private Fire Service Mains, amended.

The Fire Code, Section 507.2.1, Private Fire Service Mains, is hereby amended to read as follows:

507.2.1 PRIVATE FIRE SERVICE MAINS. Private fire service mains and appurtenances shall be installed in accordance with NFPA 24 (2019 Edition).

Sec. 8.04.470. - Section 507.2.1.1, Flushing, added.

The Fire Code, Section 507.2.1.1, Flushing, is hereby added to read as follows:

507.2.1.1 Flushing. All private service mains including lead-in's and remote fire department connections shall be fully flushed per NFPA 24 guidelines before hydrostatically testing the line. flushing shall be through and open pipe for the lead-in's and fire department connections. the open pipe shall be of the minimum size outlined in NFPA 24 and not reduced. Private fire service mains serving only hydrants shall be flushed through the 5.25" hydrant outlet.

Sec. 8.04.480. - Section 507.2.2, Water tanks, amended.

The Fire Code, Section 507.2.2, Water tanks, is hereby amended to read as follows:

507.2.2 Water tanks. Water tanks for private fire protection shall be installed in accordance with NFPA 22 (2018 edition).

Sec. 8.04.490. - Section 507.3 Fire flow, amended.

The Fire Code, Section 507.3 Fire flow, is hereby amended to read as follows:

507.3 Fire flow. Fire flow requirements for buildings or portions of buildings and facilities shall be determined by an approved method, and in accordance with Appendix B.

Sec. 8.04.500. - Section 507.4 Water supply test, added.

The Fire Code, Section 507.4 water supply test, is hereby added to read as follows:

507.4 Water supply test. The Fire Code Official shall be notified prior to the water supply test. Reference Georgetown Fire Departments Fire Protection Criteria Manual for water supply testing procedures.

Sec. 8.04.510. - Section 507.5, Fire hydrant systems, amended.

The Fire Code, Section 507.5, Fire hydrant systems, is hereby amended to read as follows:

507.5 Fire hydrant systems. Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6 and Appendix C.

Sec. 8.04.520. - Section 507.5.7 City of Georgetown Fire Hydrant Color Code System, added.

The Fire Code, Section 507.5.7 City of Georgetown Fire Hydrant Color Code System, is hereby added to read as follows:

507.5.7 City of Georgetown Fire Hydrant Color Code System. Private fire hydrant maintenance shall be in accordance with NFPA 291.

- a. All private hydrant barrels will be painted red with the bonnet painted using the hydrant flow standard in paragraph c of this section to indicate flow. It will be the customer's responsibility to test and maintain their private fire hydrant(s).
- b. All private fire hydrants should be inspected, maintained, and flow tested annually and color coded to indicate the expected fire flow from the hydrant during normal operation. Such color applied to the fire hydrant by painting the bonnet the appropriate color for the expected flow condition.
- c. **HYDRANT FLOW CODING STANDARDS.** Public hydrants will have the bonnets painted silver, the hydrants will be flow tested, and the bonnet painted using the hydrant flow standard in as follows:

| Flow | Color |
|-----------------------|-----------------|
| Greater than 1500 GPM | Blue |
| 1000- 1500 GPM | Green |
| 500-999 GPM | Orange |
| Less than 500 GPM | Red |
| Not working | Black or Bagged |

Sec. 8.04.530. - Subsection 507.5.8, Reflective pavement markers, added.

The Fire Code, Section 507.5.8, Reflective pavement markers, is hereby added to reads as follows:

507.5.8 Reflective Pavement Markers. All fire hydrants shall be identified by the installation of approved blue reflective pavement markers.

Sec. 8.04.540. - Subsection 509.1, Sign Exhibits, amended.

The Fire Code, Section 509.1 Sign Exhibits, is hereby amended and reads as follows:

Section 509.1. Sign Exhibits. See Fire Department Signage Criteria Manual

Sec. 8.04.550- Subsection 509.1.2, Electrical service shutoff access, added.

The Fire Code, Section 509.1.2, Electrical service shutoff access, is hereby added and reads as follows:

509.1.2 Electrical Service Shutoff Access. Where electrical service shut off controls are located inside a building, a door providing direct access from the exterior to the room containing such shut off controls shall be provided where required by the Fire Code Official. At the discretion of the Fire Code Official, a remote shunt trip maybe required may be installed to disconnect electrical services.

Sec. 8.04.560 - Section 520, Automated External defibrillator (AED) Requirements, added.

The Fire Code, Section 520, Automated External defibrillator (AED) Requirements, is hereby added and reads as follows:

520 Automated external defibrillator (AED) Requirements.

Sec. 8.04.570.. - Subsection 520.1, Definitions, added.

The Fire Code, Subsection 520.1, Definitions, is hereby added to reads as follows:

520.1 Definitions.

"Automated external defibrillator (AED)" means a hear monitor and defibrillator that meets the requirements of the Texas Health and Safety Code and applicable federal laws, as amended.

"A person or entity that owns or possesses an automated external defibrillator" excludes vendors or dealers that own or possess AEDs solely for resale.

Sec. 8.04.580. - Subsection 520.2, Duties of AED Owner, added.

The Fire Code, Subsection 520.2, Duties of AED Owner, is hereby added to read as follows:

520.2 Duties of AED Owner. Any person who presently owns or acquires an AED on or after the effective date of this amendment, that is intended to be available or used by the public or onsite employees of any kind, other than vendors or dealers of AEDs owning or possessing AEDs solely for resale purposes, shall comply with the obligations in Subsections 520.2.1 through 520.4.

Sec. 8.04.590. - Subsection 520.2.1, Register the AED with the Georgetown Fire Department, added.

The Fire Code, Subsection 520.2.1, Register the AED with the Georgetown Fire Department, is hereby added to read as follows:

520.2.1 Register the AED with the Georgetown Fire Department. All AED owners shall register the AED with the Georgetown Fire Department. The registration shall include information about AED locations, the names of all persons expected to operate the AED, and dates of training. A form will be provided by the Georgetown Fire Department.

Sec. 8.04.600. - Subsection 520.2.2, Maintenance and Storage, added.

The Fire Code, Subsection 520.2.2, Maintenance and Storage, is hereby added to read as follows:

520.2.2 Maintenance and Storage. All AED owners shall inspect, test, store, maintain, and service the AED in accordance with all federal and state laws and regulations, and in accordance with any standards established by the AED manufacturer.

Sec. 8.04.610. - Subsection 520.2.3, AED Use, added.

The Fire Code, Subsection 520.2.3, AED Use, is hereby added to read as follows:

520.2.2 AED Use. AED owners shall notify the Georgetown Fire Department as soon as possible, but in no event later than 24 hours following any use of the AED, and provide the Georgetown Fire Department with information relevant to the incident, including but not limited to the date, time and location of use, name of person the AED was used upon, the printout from the AED, and the nature of other emergency response to the incident, including the name and address of any hospital, clinic, or medical provider to which the person was transported following the AED use.

Sec. 8.04.620. - Section 520.3, Use and Possession for training purposes, added.

The Fire Code, Section 520.3, Use and Possession for training purposes, is hereby added to read as follows:

520.3 Use and possession for training purposes. Any AED possessed and used solely for demonstration or training purposes, and which would not be operational in an actual emergency use situation shall be exempt from the registration requirements of this section. Any such AED shall be clearly marked on its exterior and readily identifiable as not appropriate for emergency use.

Sec. 8.04.630. - Section 520.4, AED Sales, added.

The Fire Code, Section 520.4, AED Sales, and Subsections, are hereby added to read as follows:

520.4 AED Sales. All persons selling an AED within the City, or which may reasonably be anticipated to be used within the city, shall:

520.4.1 Report of the Sale of the AED to the Georgetown Fire Department. The information to be reported shall include the date of the sale, manufacturer, model and serial number of the AED sold, the name and address of the seller, and the name and address of the purchaser, whether the AED sold is

new or previously used, and if known, the location where the AED is to be placed;
and

520.4.2 Purchaser Compliance with Law. The purchaser shall provide proof that it has or will have complied with the training and other requirements of this title at the time of transfer of the AED to the purchaser for deployment and use by the purchaser.

Sec. 8.04.640. - Section 901.2 Construction documents, amended.

The Fire Code, Section 901.2, Construction documents, is hereby amended to read as follows:

901.2 CONSTRUCTION DOCUMENTS. The Fire Code Official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection system. construction documents for fire protection systems shall be submitted for review and approval prior to system installation. reference Georgetown Fire Departments Fire Protection Criteria Manual for submittal requirements.

Sec. 8.04.650. - Subsection 901.4.7, Automatic sprinkler riser location, added.

The Fire Code, Subsection 901.4.7, Automatic sprinkler riser location, is hereby added to read as follows:

901.4.7 Automatic sprinkler system riser location. The automatic sprinkler system riser shall be installed within a building. An exterior door leading directly into the room containing the fire sprinkler riser and shut off controls shall be provided.

Sec. 8.04.660. - Section 901.5, Installation acceptance, amended.

The Fire Code, Section 901.5 Installation acceptance, is hereby amended to read as follows:

901.5 Installation acceptance testing. Fire detection and alarm systems, fire-extinguishing systems, fire hydrant systems, fire standpipe systems, fire pump systems, private service UNDERGROUND mains and all other fire protection systems and appurtenances thereto shall be subject to acceptance tests as contained in the installation standards and as approved by the fire code official. The fire code official shall be notified before any required acceptance testing.

Sec. 8.04.670. - Section 901.6.1, Fire Protection System Maintenance Standards, amended.

The Fire Code, Section 901.6.1 Fire Protection System Maintenance Standards, is hereby amended to read as follows:

Table 901.6.1 Fire Protection System Maintenance Standards

| | | |
|--|-----------|------|
| Portable fire extinguishers | NFPA 10 | 2018 |
| Carbon dioxide fire-extinguishing system | NFPA 12 | |
| Halon 1301 fire-extinguishing systems | NFPA 12A | |
| Dry-chemical extinguishing systems | NFPA 17 | |
| Wet-chemical extinguishing systems | NFPA 17A | |
| Water-based fire protection systems | NFPA 25 | 2017 |
| Fire alarm systems | NFPA 72 | 2019 |
| Smoke and heat vents | NFPA 204 | |
| Water-mist systems | NFPA 750 | |
| Clean-agent extinguishing systems | NFPA 2001 | |

Sec. 8.04.680. - Section 901.6.1.1, WATER BASED SYSTEMS, added.

The Fire Code, Section 901.6.1.1, Water Based Systems, is hereby added to read as follows:

901.6.1.1 WATER BASED SYSTEMS. Owners are required to maintain their water based systems to the minimum requirements of NFPA 25 including but not limited to daily, weekly, monthly, quarterly, and semi-annual inspections. Georgetown Fire Department requires the annual and 5 year inspections be completed by a Texas licensed sprinkler company and RME-I licensed individual registered under the Texas administrative code. the rme-i shall be onsite at all times during the annual and 5 year inspection.

Sec. 8.04.690. - Section 901.6.3, MAINTENANCE AGREEMENT, added.

The Fire Code, Section 901.6.3, Maintenance Agreement, is hereby added to read as follows:

901.6.3 MAINTENANCE AGREEMENT. A maintenance agreement, with a licensed fire protection company shall be provided to the fire marshal for each fire protection system at all times. Proof of maintenance agreement shall be provided during any system acceptance test.

Sec. 8.04.700. - Section 901.7, Systems out of service, amended.

The Fire Code, Section 901.7, Systems out of service, is hereby amended to read as follows:

901.7 Systems out of service. Where a required *fire protection system* is out of service, the fire department and the *fire code official* shall be notified immediately and, where required by the *fire code official*, the building shall be either evacuated or an *approved* fire watch shall be provided for all occupants left unprotected by the

shutdown until the *fire protection system* has been returned to service. Where utilized, fire watches shall be provided with not less than one *approved* means for notification of the fire department and their only duty shall be to perform constant patrols of the protected premises and keep watch for fires.

Reference Georgetown Fire Departments fire protection criteria manual for “systems out of service and impairment guidelines”.

Sec. 8.04.710. - Section 903.1.2 Hydraulic Calculations, added.

The Fire Code, Section 903.1.2 Hydraulic Calculations, is hereby added to read as follows:

903.1.2 Hydraulic calculations. Hydraulic calculations for water based fire protection systems shall provide a safety factor at the base of the riser. The following are the minimal safety factors required.

1. Residential 13d and 13r – 10% or 5psi – (lesser of the system demand)
2. Commercial NFPA 13 – light hazard – 10% or 5psi – (lesser of the system demand)
3. Commercial NFPA 13 – ordinary hazard and above – 10psi or 10% (whichever is greater)
4. Standpipe and hose systems NFPA 14 - 10psi or 10% (whichever is greater)
5. Water spray fixed systems NFPA 15 - 10psi or 10% (whichever is greater)
6. Foam water sprinkler and foam water spray systems NFPA 16 - 10psi or 10% (whichever is greater)

Exception: a safety factor less than those defined in this section may be approved by the fire code official only if historical water supply data is available to demonstrate that the reasonable expected fluctuations will not cause the water supply to fall below the system demand.

Sec. 8.04.720. - Section 903.1.3, Remote area reduction, added.

The Fire Code, Section 903.1.3, Remote area reduction, is hereby amended to read as follows:

903.1.3 Remote area reduction. Remote area reductions allowed by NFPA 13 (2019) edition 19.3.3.2.3.1 are limited to light hazard occupancies.

Sec. 8.04.730. - Subsection 903.2.1.1, Group A-1, amended.

The Fire Code, Subsection 903.2.1.1, Group A-1, is hereby amended to read as follows:

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 5,000 square feet (464.52 m²).
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

4. The fire area contains a multi-theater complex.

Sec. 8.04.740. - Subsection 903.2.1.3, Group A-3, amended.

The Fire Code, Subsection 903.2.1.3, Group A-3, is hereby amended to read as follows:

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 5,000 square feet (464.52 m²).
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

Sec. 8.04.750. - Subsection 903.2.1.4, Group A-4, amended.

The Fire Code, Subsection 903.2.1.4, Group A-4, is hereby amended to read as follows:

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 5,000 square feet (464.52 m²).
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

Sec. 8.04.760. - Subsection 903.2.3, Group E, amended.

The Fire Code, Subsection 903.2.3, Group E, is hereby amended to read as follows:

903.2.3 Group E. An automatic sprinkler system shall be provided for Group E occupancies as follows:

1. Throughout all Group E fire areas greater than 7,500 square feet (696.77 m²).
2. Throughout every portion of educational buildings below the lowest level of exit discharge serving that portion of the building.

Exception: An automatic sprinkler system is not required in any area below the lowest level of exit discharge serving that area where every classroom throughout the building has at least one exterior door at ground level.

Sec. 8.04.770. - Subsection 903.2.4 Group F-1, amended.

The Fire Code, Section 903.2.4 Group F-1, is hereby amended to read as follows:

903.2.4 Group F-1. An automatic system shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exists:

1. A Group F-1 fire area exceeds 5,000 square feet (464.52 m²).
2. A Group F-1 fire area is located on any floor.
3. The combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeds 10,000 square feet (929.03 m²).
4. A Group F-1 occupancy used for the manufacture of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²).

Sec. 8.04.780. - Subsection 903.2.7 Group M, amended.

The Fire Code, Section 903.2.6 Group M, is hereby amended to read as follows:

903.2.7 Group M. An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. A Group M fire area exceeds 10,000 square feet (929.03 m²).
2. A Group M fire area is located above first floor or below grade.
3. The combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 20,000 square feet (1858.1 m²).
4. A Group M occupancy used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet (464 m²).

Sec. 8.04.790. - Subsection 903.2.8.4, Bed and Breakfast, added.

The Fire Code, Subsection 903.2.8.4, Bed and Breakfast, is hereby added to read as follows:

903.2.8.4 Bed and Breakfast. Accordance with section 903.3 shall be provided throughout all buildings with a Group R fire area. Exceptions shall apply solely to existing residential structures that meet one of the following:

1. Bed and Breakfast Residence
 - a. Less than 3 guestrooms with maximum occupancy of 4 guests.
 - b. All guestrooms with direct secondary egress.
 - c. Smoke Alarms
 - d. Carbon monoxide alarms.
 - e. Monitored alarm system.
 - f. Fire extinguishers.
2. Bed and Breakfast Inn
 - a. 3-5 guestrooms with maximum occupancy of 10 guests.
 - b. 13-D sprinkler system throughout the structure.
 - c. All guest rooms with direct secondary egress.

- d. smoke alarms
 - e. Carbon monoxide alarms.
 - f. Monitored alarm system.
 - g. Self-closing guestroom doors.
3. Bed and Breakfast Lodge
- a. 6-8 guestrooms with a maximum occupancy of 16 guests.
 - b. 13-R sprinkler system throughout the structure.
 - c. All guestrooms with direct secondary egress.
 - d. smoke alarms
 - e. Carbon monoxide alarms.
 - f. Monitored alarm system.
 - g. Self-closing guestroom doors.
 - h. Commercial hood system and pull stations.

Sec. 8.04.800. - Subsection 903.2.9, Group S-1, amended.

The Fire Code, Subsection 903.2.9, Group S-1, is hereby amended to read as follows:

903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

- 1. A Group S-1 fire area exceeds 5,000 square feet (464 m2).
- 2. A Group S-1 fire area is located above first floor or below grade plane.
- 3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 20,000 square feet (1858.1 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).

Sec. 8.04.810. - Subsection 903.2.9.1 Repair Garages, amended.

The Fire Code, Subsection 903.2.9.1 Repair Garages, is hereby amended to read as follows:

903.2.9.1 Repair garages. An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406.8 of the International Building Code, as shown:

- 1. Buildings having two or more stories above grade plane, including basements, with a fire area containing a repair garage exceeding 5,000 square feet (464 m2).
- 2. Buildings no more than one story above grade plane, with a fire area containing a repair garage exceeding 5,000 square feet (464 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).

Sec. 8.04.820. - Subsection 903.2.10, Group S-2 enclosed parking garages, amended.

The Fire Code, Subsection 903.2.10, Group S-2 enclosed parking garages, is hereby amended to read as follows:

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 406.6 of the International Building Code as follows:

1. Where the fire area of the enclosed parking garage exceeds 10,000 square feet (929 m²); or
2. Where the enclosed parking garage is located beneath other groups.

Exception: Enclosed parking garages located beneath Group R-3 occupancies.

Sec. 8.04.830. - Subsection 903.2.11.3, Buildings three or more stories in height, amended.

The Fire Code, Section 903.2.11.3, is hereby amended to read as follows:

903.2.11.3 Buildings three or more stories in height. An automatic sprinkler system shall be installed throughout buildings three or more stories in height.

Exception: Open parking structures.

Sec. 8.04.840. - Subsection 903.2.13, Group B, added.

The Fire Code, Subsection 903.2.13, Group B, is hereby added to read as follows:

903.2.13 Group B. An automatic sprinkler system shall be provided for Group B occupancies where the fire area exceeds 10,000 square feet (929 m²).

Sec. 8.04.850. - Section 903.3.1.1 NFPA 13 Sprinkler System, amended.

The Fire Code, Section 903.3.1.1, NFPA 13 Sprinkler System, is hereby amended to read as follows:

903.3.1.1 NFPA 13 SPRINKLER SYSTEMS. Where the provisions of this code require that a building or portion thereof be equipped throughout with an *automatic sprinkler system* in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 (2019 edition) except as provided in sections 903.3.1.1.1 and 903.3.1.1.2

Sec. 8.04.860. - Section 903.3.1.1.1 Exempt locations, amended.

The Fire Code, Section 903.3.1.1.1, Exempt locations, is hereby amended to read as follows:

903.3.1.1.1 EXEMPT LOCATIONS. 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 a room merely because it is damp, of fire-resistance-rated construction or contains electrical equipment.

1. A room where the application of water, or flame and water, constitutes a serious life or fire hazard as approved by the fire code official.
2. A room or space where sprinklers are considered undesirable because of the nature of the contents, where *approved* by the *fire code official*.

Sec. 8.04.870. - Section 903.3.1.2 NFPA 13R Sprinkler Systems, amended.

The Fire Code, Section 903.3.1.2 NFPA 13R Sprinkler Systems is hereby amended to read as follows:

903.3.1.2 NFPA 13R SPRINKLER SYSTEMS. *Automatic sprinkler systems* in group r occupancies up to and including four stories in height in buildings not exceeding 60 feet (18 288 mm) in height above grade plane shall be permitted to be installed throughout in accordance with NFPA 13r (2019 edition).

The number of stories of group r occupancies constructed in accordance with sections 510.2 and 510.4 of the *international building code* shall be measured from the horizontal assembly creating separate buildings.

Sec. 8.04.880. - Section 903.3.1.2.1 BALCONIES AND DECKS, amended.

The Fire Code, Section 903.3.1.2.1 BALCONIES AND DECKS is hereby amended to read as follows:

903.3.1.2.1 BALCONIES AND DECKS. Sprinkler protection shall be provided for exterior balconies, balcony closets, decks and ground floor patios (including entries) of *dwelling units* and *sleeping units* 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 (25 mm) 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. Installation of dry sprinklers shall be in compliance with NFPA 13 and NFPA 13r 2019 edition. Reference Georgetown Fire Department fire protection criteria manual for dry sprinkler details

Sec. 8.04.890. - Subsection 903.3.1.3, NFPA 13D sprinkler systems, amended.

The Fire Code, Subsection 903.3.1.3, NFPA 13D sprinkler systems, is hereby amended to read as follows:

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 living facilities, townhouses and bed and breakfast occupancies with a maximum occupancy of 10 guests shall be permitted to be installed throughout in accordance with NFPA 13D.(2013 2019 EDITION).

Sec. 8.04.900. - Subsection 903.3.5, Water supplies, amended.

The Fire Code, Subsection 903.3.5, Water supplies, is hereby amended to read as follows:

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 AHJ.

Sec. 8.04.910. - Subsection 903.3.10, Backflow protection, added.

The Fire Code, Subsection 903.3.10, Backflow protection, is hereby added as follows:

903.3.10 Backflow protection. Modifications to water based fire protection systems without backflow protection will require the installation of a backflow preventer per the City of Georgetown's plumbing code.

Sec. 8.04.920. - Section 903.4, Sprinkler System Supervision and Alarms, amended.

The Fire Code, Section 903.4, Sprinkler System Supervision and Alarms, is hereby amended to read as follows:

903.4 Sprinkler system supervision and alarms. Valves controlling the water supply for *automatic sprinkler systems*, pumps, tanks, water levels and temperatures, critical air pressures and waterflow switches on all sprinkler systems shall be electrically supervised by a *listed* fire alarm control unit.

Exceptions:

1. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
2. Trim valves to pressure switches in dry, pre-action and deluge sprinkler systems that are sealed or locked in the open position.
3. Valves located in a below grade vault/pit or exterior above grade protection cover that are locked.

Sec. 8.04.930. - Subsection 903.4.4, Jockey pump valves, added.

The Fire Code, Subsection 903.4, Jockey pump vales, is hereby added as follows:

903.4.4 Jockey pump valves. Jockey pump control valves shall be of the indicating type, electronically supervised, and slow closure as identified by NFPA 13

Sec. 8.04.940. - Subsection 903.4.5, Control valves, added.

The Fire Code, Subsection 903.4.5 Control valves, is hereby added as follows:

903.4.5 Control valves. Backflow prevention devices 2” and smaller shall be equipped with indicating and slow closure type.

Sec. 8.04.950. - Subsection 903.4.6, Supervisory switches, added.

The Fire Code, Subsection 903.4.6, Supervisory switches, is hereby added as follows:

903.4.6 Supervisory switches. Plug type supervisory switches will not be allowed as a method to supervise any control valve.

Sec. 8.04.960. – Section 905.2, Installation standard amended.

The Fire Code, Section 905.2, Installation standard, is hereby amended to read as follows:

905.2 Installation standard. Standpipe systems shall be installed in accordance with this section and NFPA 14 (2019 edition). Fire department connections for standpipe systems shall be installed in accordance with 912.

Sec. 8.04.970. - Subsection 905.2.2 Locking Caps, added.

The Fire Code, Subsection 905.2.2., Locking caps, is hereby added as follows:

905.2.2 Locking caps. Approved locking caps shall be provided on all hose valve connections for all standpipe systems.

Exception: the fire code official has the authority to allow standard hose valve caps in occupancies not susceptible to vandalism or accidental discharge.

Sec. 8.04.980. - Subsection 905.2.3 Hydraulic safety factor, added.

The Fire Code, Subsection 905.2.3, Hydraulic safety factor, is hereby added as follows:

905.2.3 Hydraulic safety factor. Class I standpipe systems shall be hydraulically designed with a 10% safety factor. Safety factor is from the base of the riser on automatic standpipe systems and at the FDC for manual standpipe systems.

Sec. 8.04.990. - Subsection 905.2.4 Class 1 Manual Standpipe systems, added.

The Fire Code, Subsection 905.2.4, Class 1 Manual Standpipe systems, is hereby added as follows:

905.2.4 Class 1 manual standpipe systems. Class 1 (wet or dry) manual standpipe systems shall be designed based on an engine/pumper providing 1250GPM at 150PSI at the FDC.

Sec. 8.04.1000. - Subsection 905.3.9, Travel distance, added.

The Fire Code, Subsection 905.3.9, Travel Distance, is hereby added as follows:

905.3.9 Travel distance. Class 1 standpipe shall also be required on all occupancies in which the distance from accessible points for fire department ingress to any point in the structure exceeds two hundred fifty feet (250') along the route that a fire hose is laid as measured from the fire lane.

Sec. 8.04.1010. - Section 905.4, Location of Class I standpipe hose connections, amended.

The Fire Code, Section 905.4, Location of Class I standpipe hose connections, is hereby amended to read as follows:

905.4 Location of class i standpipe hose connections.

Class I standpipe hose connections shall be provided in all of the following locations:

1. In every required *interior exit stairway*, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at an intermediate landing between stories, unless otherwise *approved by the fire code official*.
2. On each side of the wall adjacent to the *exit* opening of a horizontal *exit*.

Exception: where floor areas adjacent to a horizontal *exit* are reachable from an *interior exit stairway* hose connection by a 30-foot (9144 mm) hose stream from a nozzle attached to 100 feet (30 480 mm) of hose, a hose connection shall not be required at the horizontal *exit*.

3. In every *exit* passageway, at the entrance from the exit passageway to other areas of a building.

Exception: where floor areas adjacent to an exit passageway are reachable from an *interior exit stairway* hose connection by a 30-foot (9144 mm) hose stream from a nozzle attached to 100 feet (30 480 mm) of hose, a hose connection shall not be required at the entrance from the exit passageway to other areas of the building.

4. In covered mall buildings, adjacent to each exterior public entrance to the mall and adjacent to each entrance from an *exit* passageway or *exit corridor* to the mall. In open mall buildings, adjacent to each public

entrance to the mall at the perimeter line and adjacent to each entrance from an exit passageway or exit corridor to the mall.

5. Where the roof has a slope less than four units vertical in 12 units horizontal (33.3-percent slope), each standpipe shall be provided with a hose connection located on the roof or at the highest landing of stairways with stair or ladder access to the roof. An additional hose connection shall be provided at the top of the most hydraulically remote standpipe for testing purposes. Hose valves located on the roof shall be controlled on the roof and installed in a manner to prevent freezing.

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

Sec. 8.04.1020. - Subsection 905.8.1, Standpipe supervision, added.

The Fire Code, Subsection 905.8.1 Standpipe supervision, is hereby added as follows:

905.8.1 Standpipe supervision. All dry standpipe systems shall be monitored with a minimum of 10 psi and a maximum of 40 psi air pressure with a high/low alarm and supervised with the guidelines of NFPA 72.

Sec. 8.04.1030. - Section 906.2, General Requirements, amended.

The Fire Code, Section 906.2 General Requirements, is hereby amended to read as follows:

906.2 General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10 (2018 edition).

Sec. 8.04.1040. - Subsection 907.2.9.1, Manual Fire alarm system, amended.

The Fire Code, Subsection 907.2.9.1, Manual Fire alarm system, is hereby amended to read as follows:

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 any of the following conditions apply:

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.
3. The building contains more than 16 4 dwelling units or sleeping units.

Newer codes now require co detectors in residence, so this will satisfied two different types of detectors.

Sec. 8.04.1050. - Subsection 907.2.11, Single and multiple-station smoke alarms, deleted.

The Fire Code, Subsection 907.2.11, single and multiple-station smoke alarms, is hereby deleted in its entirety:

Sec. 8.04.1060. - Section 912.1 Installation, amended.

The Fire Code, Subsection 912.1 Installation, is hereby amended to read as follows:

912.1 Installation. Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design and shall comply with sections 912.2 through 912.7. Reference Georgetown Fire Department fire protection criteria manual for fire department connection installation details

Sec. 8.04.1070. - Subsection 912.1.1 Number of hose connections, added.

The Fire Code, Subsection 912.1.1., Number of hose connections, is hereby added as follows:

912.1.1 – Number of hose connections. Fire department connections shall include a minimum of one 5” STORZ connections for a system with a demand up to 500 GPM. Systems with a demand greater than 500 GPM shall require an additional 2.5” connection for each 250 gallons of system demand.

Exception: a single 2.5” FDC inlet is allowed for single risers on 13r systems.

Sec. 8.04.1080. - Subsection 912.1.2, Flushing added.

The Fire Code, Subsection 912.1.2 Flushing, is hereby added as follows:

912.1.2 Flushing. Remote fire department connections shall be fully flushed prior to connection to the overhead water based fire protection system. Flushing shall be in accordance with NFPA 24 (2019 edition). Reduction of the pipe size will not be allowed. Reference Georgetown Fire Department fire protection criteria manual for flushing details.

Sec. 8.04.1090. – Section 912.2, Location, amended.

The Fire Code, Section 912.2 Location, is hereby amended to read as follows:

912.2 Location. With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. The location of fire department connections shall be approved by the Fire Code Official.

Sec. 8.04.1100. – Section 912.2.1, Visible Location, amended.

The Fire Code, Section 912.2 Location, is hereby amended to read as follows:

912.2.1 Visible location. Fire department connections shall be located on the street side of buildings, fully visible and recognizable from the street or nearest point of fire department vehicle access or as otherwise approved by the Fire Code Official.

Sec. 8.04.1120. - Section 912.4.1, Locking fire department connection caps, amended.

The Fire Code, Section 912.4.1, Locking fire department connection caps, is hereby amended to read as follows:

912.4.1 Locking fire department connection caps. The fire code official is authorized to require locking caps on fire department connections for water-based fire protection systems where the responding fire department carries appropriate key wrenches for removal. 2.5” connections require a knox brand swivel guard plugs to be used. 5” STORZ connections shall be knox brand locking caps.

Sec. 8.04.1130. - - Section 912.5, Signs, amended.

The Fire Code, Section 912.5 Signs, is hereby amended to read as follows:

912.5 Signs. Reference Georgetown Fire Department fire protection criteria manual for signage requirements

Sec. 8.04.1140. - Section 912.7, Fire Department Connections, added.

The Fire Code, Section 912.7, Fire Department Connections, is hereby added to read as follows:

912.7 Fire Department Connections. All Fire Department Connections (FDCs) shall be marked as approved by the Fire Code Official. Two red street lane reflectors (stimsonite model 88AB or similar) shall be installed six inches from centerline of the fire apparatus access roadway on the side closest to the FDC. Markers shall be parallel to the FDC having the reflective ends of the street markers facing the director of traffic.

Sec. 8.04.1150. – Section 913.4, Valve supervision, amended.

The Fire Code, Section 913.4, Valve supervision, is hereby amended to read as follows:

913.4 Valve supervision. Where provided, the fire pump suction, discharge and bypass valves, and isolation valves on the backflow prevention device or assembly shall be supervised open by one of the following methods:

1. Central-station, proprietary or remote-station signaling service.

2. Local signaling service that will cause the sounding of an audible signal at a constantly attended location

Sec. 8.04.1160. - Subsection 913.5.1 Test Header, added.

The Fire Code, Subsection 913.5.1, is hereby added as follows:

913.5.1 Test header – fire pumps shall be equipped with a test header per NFPA 20 to allow a full flow testing. Test headers shall be installed on the exterior wall or in another location outside the pump room that allows for water discharge during testing.

Sec. 8.04.1170. – Section 913.6, Fire pump suction pressure, added.

The Fire Code, Section 913.6, Fire pump suction pressure hereby added as follows:

913.6 Fire pump suction pressure. Fire pump suction pressure shall be no less than 20 PSI when flowing 150% of the pumps capacity.

Sec. 8.04.1180. – Section 1009.1, Accessible means of egress required, amended.

The Fire Code, Section 1009.1, Accessible means of egress required, is hereby amended to read as follows:

1009.1 Accessible means of egress required. Accessible means of egress shall comply with both this section and the architectural barriers act of the Texas Civil Statutes (Texas Accessibility Standards or TAS). The fire code official is authorized to require the owner, applicant or agent to provide a technical report from a qualified person certifying compliance. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress is required by section 1006.2 or 1006.3 from an accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.

Sec. 8.04.1190. – Section 3101.1 Scope, amended.

The Fire Code, Section 3101.1 Scope, is hereby amended to read as follows:

3101.1 Scope. Tents, temporary stage and canopies and membrane structures shall comply with this chapter and THE CITY OF GEORGETOWN FIRE DEPARTMENT'S SPECIAL EVENT MANUAL Section General Tent and Canopy. The provisions of Section 3103 are applicable only to temporary tents and membrane structures. The provisions of Section 3104 are applicable to temporary and permanent tents and membrane structures. Other temporary structures shall comply with the International Building Code.

Sec. 8.04.1200. - Subsection 5706.2.4.4 Locations where above-ground tanks are prohibited, amended.

The Fire Code, Subsection 5706.2.4.4 Locations where above-ground tanks are prohibited, is hereby amended to read as follows:

5706.2.4.4 Locations where above-ground tanks are prohibited. Storage of Class I and II liquids in above ground tanks is prohibited within the City of Georgetown city limits, with exception of areas that are zoned for industrial use. Storage of Class I and II liquids may be permitted at the discretion of the Fire Code Official following review of the proposed location and the fire protection for storage areas. Storage shall not be allowed within 100 feet (30,480mm) of the property line of any Group E, I, or R occupancies.

Sec. 8.04.1210. – Section 6104.2, Maximum capacity within established limits, deleted.

The Fire Code, Section 6104.2 Maximum capacity within established limits, is hereby deleted in its entirety.

Sec. 8.04.1220. - Appendix B Subsection B105.1, one- and two-family dwellings, GROUP R-3 AND R- 4 BUILDINGS AND TOWNHOUSES amended.

The Fire Code Appendix B Subsection B105.1, one- and two-family dwellings, GROUP R-3 AND R- 4 BUILDINGS AND TOWNHOUSES, is hereby amended to read as follows:

B105.1 ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R- 4 BUILDINGS AND TOWNHOUSES. THE MINIMUM FIRE-FLOW AND FLOW DURATION REQUIREMENTS FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES SHALL BE AS SPECIFIED IN TABLES B105.1(1) (LOCAL AMENDMENT) AND B105.1(2). B105.2 BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES. THE MINIMUM FIRE-FLOW AND FLOW DURATION FOR BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES SHALL BE AS SPECIFIED IN TABLES B105.2 AND B105.1(2).

TABLE B105.1(1) LOCAL AMENDMENT
REQUIRED FIRE-FLOW FOR ONE-AND-TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES

| FIRE FLOW BY SEPARATION DISTANCE | | | | |
|---|------------------|-----------------|-----------------|----------------------|
| FIRE FLOW CALCULATION AREA | SPRINKLER | >10' | >30' | Flow Duration |
| 0 – 3600 SQFT | NO | 1000 | 750 | 1 hour |
| 3601 – 5000 SQFT | NO | TABLE B105.1(2) | 1000 | 1 hour |
| 5001 AND | NO | TABLE B105.1(2) | TABLE B105.1(2) | TABLE |

| | | | | |
|---------------------|-----|----------------------------------|---------------------------------|-----------|
| GREATER | | | | B105.1(2) |
| 0 – 5000 SQFT | YES | 1/2 VALUE IN TABLE B105.1 (2) | 500 | ½ hour |
| 5001 AND GREATER | YES | 1/2 VALUE IN TABLE B105.1(2) | 1/2 VALUE IN TABLE B105.1(2) | 1 hour |

Sec. 8.04.1230. - Appendix D Section D103.5, fire apparatus access road gates, amended.

The Fire Code, Appendix D Section D103.5, fire apparatus access road gates, is hereby amended to read as follows:

D103.5 Fire apparatus access road gates. Gates securing fire apparatus access roads shall comply with all of the following criteria:

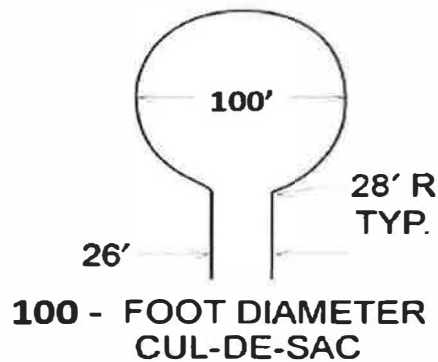
1. The minimum unobstructed gate width shall be 20 feet (6096mm).
Exception: One- and Two-Family Dwellings as approved by the Fire Code Official.
2. Gates shall be of the swinging or sliding type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electrically operated gates:
 - A. Shall be equipped with a means of opening the gate by Fire Department personnel for emergency access. Emergency access devices shall be approved by the Fire Code Official.
 - B. Shall be in the fully-opened position for no more than 30 seconds.
 - C. Shall have a manual override system. Manual override operations shall be located on the entrance side of the gate, or when power has failed, the gate(s) shall open and stay open until power is restored for normal operations.
 - D. Shall have installed approved preemptive control opening equipment.
 - E. Exceptions.
 - i. Driveways serving one- and two-family dwellings as approved by the Fire Code Official.
 - ii. Gates serving as an emergency access with 24-hour staffed gatehouses.
6. Manual Opening Gates:
 - A. May be locked when approved by the Fire Code Official.
 - B. If equipped with a lock, keys shall be provided for installation into an approved Fire Department key box. Keys shall be maintained current.
7. Locking device specifications shall be submitted for approval by the fire code official.

8. Electric gate operators, where provided, shall be listed in accordance with UL 325.
9. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F 2200.
10. A construction permit in accordance with subsection 503.6 is required to install or modify a gate across fire apparatus roadways.
11. **MAINTENANCE OF GATES SECURING FIRE APPARATUS ACCESS. GATES SHALL BE MAINTAINED IN AN OPERATIVE CONDITION AND REPAIRED OR REPLACED WHEN DEFECTIVE. WHEN REQUIRED BY THE FIRE CODE OFFICIAL, DEFECTIVE GATES SHALL BE SECURED IN THE OPEN POSITION UNTIL REPAIRED.**

Sec. 8.04.1240. - Section 103.4 Fire apparatus access roads, amended.

The Fire Code, Section 103.4, Fire apparatus access roads, is hereby amended to read as follows:

REVISE SUBSECTION 103.4 DIAMETER OF CUL-DE-SAC SHALL HAVE A DIAMETER OF 100' AS MEASURE FROM FACE OF CURB TO FACE OF CURB.



**TABLE D103.4
REQUIREMENTS FOR DEAD-END
FIRE APPARATUS ACCESS ROADS**

| LENGTH (feet) | WIDTH (feet) | TURNAROUNDS REQUIRED |
|--------------------------|-------------------------|---|
| 0-150 | 20 | None required |
| 151-500 | 20 | 120-foot Hammerhead, 60-foot "Y" or 100-foot diameter cul-de-sac in accordance with Figure D103.1 |
| 501-750 | 26 | 120-foot Hammerhead, 60-foot "Y" or 100-foot diameter cul-de-sac in accordance with Figure D103.1 |
| Over 750 | | Special approval required |

Sec. 8.04.1250. - Appendix D Subsection D103.5.1, existing fire apparatus access road gates, added.

The Fire Code, Appendix D Subsection D103.5.1, existing fire apparatus access road gates, is hereby amended to read as follows:

D103.5.1 Existing fire apparatus access road gates. Existing gates securing fire apparatus access roads shall comply with Section D103.5

Sec. 8.04.1260. - Appendix D subsection D103.6, Signs, amended.

The Fire Code, Appendix D subsection D103.6, Signs, is hereby amended to read as follows:

D103.6 Signs. Where required by the fire code official, fire apparatus access roads shall be marked

D103.6 SIGN IN SHALL BE INSTALLED ACCORDING TO THE APPROPRIATE APPLICATION

- (1) COMMERCIAL APPLICATION A SIGN 12-INCHES WIDE AND 18-INCHES IN HEIGHT WITH RED LETTERING ON A WHITE REFLECTIVE BACKGROUND AND BORDER IN RED STATING "FIRE LANE - TOW AWAY ZONE". THE WORDS "FIRE LANE" BY THEMSELVES ARE NOT ACCEPTABLE. SIGN SHALL BE MOUNTED CONSPICUOUSLY ALONG THE EDGE OF THE FIRE LANE. SIGN MUST BE SPACED NO MORE THAN 30 FEET APART AT A MINIMUM HEIGHT OF 7 FEET ABOVE FINISHED GRADE.
- (2) IN SUBDIVISION STREETS WHERE PARKING IS NOT ALLOWED ON ONE SIDE OR BOTH SIDES OF THE STREET, FIRE LANES ARE REQUIRED SHALL BE MARKED AND MAINTAINED IN THE FOLLOWING MANNER: A SIGN 12-INCHES WIDE AND 18-INCHES IN

HEIGHT WITH RED LETTERING ON A WHITE REFLECTIVE BACKGROUND AND BORDER IN RED STATING "FIRE LANE - TOW AWAY ZONE", ALONG WITH THE WORDS "THIS SIDE OF THE STREET" OR "BOTH SIDES OF THE STREET". THE WORDS "FIRE LANE" BY THEMSELVES ARE NOT ACCEPTABLE. SIGN SHALL BE MOUNTED CONSPICUOUSLY ALONG THE EDGE OF THE FIRE LANE. SIGN MUST BE AT THE BEGINNING OF A STREET AND SPACED NO MORE THAN 250 FEET APART AT A MINIMUM HEIGHT OF 7 FEET ABOVE FINISHED GRADE.

Sec. 8.04.1280. - Appendix D, Subsection D103.7, Driveways, added.

The Fire Code, Appendix D, Subsection D103.7, Driveways, is hereby added to read as follows:

D103.7 Driveways. Driveways exceeding 150 feet (45,720mm) in length providing access to dwelling units shall provide a minimum unobstructed width of 14 feet (4267mm) and a minimum unobstructed height of 13 feet 6 inches (4115mm). Driveways in excess of 150 feet (45,720mm) in length shall be provided with turnarounds. Driveways in excess of 200 feet (60,960mm) in length and less than 20 feet (6096mm) in width shall be provided with turnouts in addition to turnarounds. A driveway shall not serve in excess of five dwelling units. Driveways that connect with a road or roads at more than one point may be considered as having a turnaround. Driveway turnouts shall be an all-weather road surface at least 10 feet (2048) wide and 30 feet (9144mm) long. Driveway turnouts shall be located as required by the Fire Code Official.

Sec. 8.04.1290. - Appendix D, Subsection D103.8, Divided fire apparatus access road turnarounds, added.

The Fire Code, Appendix D, Subsection D103.8, Divided fire apparatus access road turnarounds, is hereby added to read as follows:

D103.8 Divided fire apparatus access road turnarounds. Fire apparatus access roads that are divided with medians shall be provided with median breaks for emergency vehicle turnarounds. The maximum distance between median breaks shall be 2,640 feet (804,700mm).

Sec. 8.04.1300. - Appendix D, Section D104.2, Buildings, facilities and shopping centers exceeding 62,000 square feet (5760m) in Gross building fire area, amended.

The Fire Code, Appendix D, Subsection D104.2, is hereby amended to read as follows:

D104.2 Buildings, Facilities, and Shopping Centers exceeding 62,000 square feet (5760m²) in gross building fire area. Buildings, or facilities, and shopping

centers having a gross building fire area of more than 62,000 square feet (5760m²) shall be provided with two separate and approved fire apparatus access roads.

Sec. 8.04.1310. - Appendix D, Subsection D106.2, Projects having more than 200 dwelling units, deleted.

The Fire Code, Appendix D, Subsection D106.2, Projects having more than 200 dwelling units, is hereby deleted in its entirety.

Sec. 8.04.1320. – Section D106.3 Remoteness, amended.

The Fire Code, Section D106.3, Remoteness, is hereby amended to read as follows:

D106.3 remoteness. where two fire apparatus access roads are required, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses. AT THE DISCRETION OF THE FIRE CODE OFFICIAL, THE REMOTENESS REQUIREMENT COULD BE WAIVED, BECAUSE OF LOCATION ON PROPERTY, TOPOGRAPHY, WATERWAYS, NONNEGOTIABLE GRADES OR OTHER SIMILAR CONDITIONS.

Sec. 8.04.1330. – Section L101.1 Required location, amended.

The Fire Code, Section L101.1, Required Location, is hereby amended to read as follows:

SEC101.1.1 REQUIRED LOCATION. IN NEW BUILDINGSS, FILL STATIONS SHALL BE REQUIRED WHEN ANY ON THE FOLLOWING CONDITIONS OCCUR:

1. ANY NEW BUILDING MORE THAN 5 STORIES IN HEIGHT.
2. ANY NEW BUILDING MORE THAN 2 STORIES BELOW GRADE.
3. ANY NEW BUILDING 500,000 SQUARE FEET OR MORE IN SIZE.

Sec. 8.04.1340. – Chapter 80, amended.

The Fire Code, Chapter 80, is hereby amended to read as follows:

Revise Section Chapter 80 as Follows:

Chapter 80

NFPA

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

| Standard Referenced reference code number section number | Title | in |
|---|--|---|
| 02—11 2309.3.1.2, 5301.1, | Hydrogen Technologies Code | 2309.3.1.1, 5307.3, 5801.1 |
| 10—13 906.3, | Standard for Portable Fire Extinguishers | Table 901.6.1, 906.2, Table 906.3(1), Table 906.3(2), 906.3.2, 906.3.4, 3006.3, I101.1 |
| 11—10 5704.2.9.2.2 | Standard for Low-, Medium- and High-expansion Foam. | 904.7, |
| 12—11 904.8, 904.12 | Standard on Carbon Dioxide Extinguishing Systems | Table 901.6.1, |
| 12A—09 904.9 | Standard on Halon 1301 Fire Extinguishing Systems | .Table 901.6.1, |
| 13—19 903.3.8.2 | Standard for the Installation of Sprinkler Systems | 903.3.1.1, 903.3.2, 903.3.8.5, 904.12, 905.3.4, 907.6.4, 914.3.2, 1019.3, 1103.4.8, 3201.1, 3204.2, Table 3206.2, 3206.4.1, 3206.9, 3207.2, 3207.2.1, 3208.2.2, 3208.2.2.1, 3208.4, 3210.1, 3401.1, 5104.1, 5104.1.1, 5106.5.7, 5704.3.3.9, Table 5704.3.6.3(7), 5704.3.7.5.1, 5704.3.8.4 |
| 13D—19 | Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes | 903.3.1.3 |
| 13R—19 903.4 | Standard for the Installation of Sprinkler Systems Low Rise Residential Occupancies | 903.3.1.2, 903.3.5.2, |
| 14—19 | Standard for the Installation of Standpipe and | |

| | | |
|--------|--|--|
| | Hose Systems | 905.2, 905.3.4, 905.4.2, 905.6.2, 905.8 |
| 15—17 | Standard for Water Spray Fixed Systems for Fire Protection | 5704.2.9.2.3 |
| 16—19 | Standard for the Installation of Foam-water Sprinkler and Foam-water Spray Systems. | 904.7, 904.12 |
| 17—13 | Standard for Dry Chemical Extinguishing Systems | Table 901.6.1, 904.6, 904.12 |
| 17A—13 | Standard for Wet Chemical Extinguishing Systems | Table 901.6.1, 904.5, 904.12 |
| 20—19 | Standard for the Installation of Stationary Pumps for Fire Protection. | 913.1, 913.2, 913.5.1 |
| 22—18 | Standard for Water Tanks for Private Fire Protection | 507.2.2 |
| 24—13 | Standard for Installation of Private Fire Service Mains and Their Appurtenances | 507.2.1, 2809.5 |
| 25—17 | Standard for the Inspection, Testing and Maintenance of Water-based Fire Protection Systems | 507.5.3, Table 901.6.1, 904.7.1, 912.7, 913.5 |
| 30—18 | Flammable and Combustible Liquids Code. | 610.1, 5701.2, 5703.6.2, 5703.6.2.1, 5704.2.7, 5704.2.7.1, 5704.2.7.2, 5704.2.7.3.2, 5704.2.7.4, 5704.2.7.6, 5704.2.7.7, 5704.2.7.8, 5704.2.7.9, 5704.2.9.3, 5704.2.9.4, 5704.2.9.6.1.1, 5704.2.9.6.1.2, 5704.2.9.6.1.3, 5704.2.9.6.1.4, 5704.2.9.6.1.5, 5704.2.9.6.2, 5704.2.9.7.3, 5704.2.10.2, 5704.2.11.3, 5704.2.11.4.2, 5704.2.12.1, 5704.3.1, 5704.3.6, Table 5704.3.6.3(1), Table 5704.3.6.3(2), Table 5704.3.6.3(3), 5704.3.7.2.3, 5704.3.8.4, 5706.8.3 |
| 30A—15 | Code for Motor Fuel-dispensing Facilities and Repair Garages. | 2301.4, 2301.5, 2301.6, 2306.6.3, 2310.1 |
| 30B—15 | Code for the Manufacture and Storage of Aerosol Products | 5101.1, 5103.1, Table 5104.3.1, Table 5104.3.2, Table 5104.3.2.2, 5104.4.1, 5104.5.2, |

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| 31—11 | Standard for the Installation of Oil-burning Equipment | 603.1.7, 603.3.1, 603.3.3 |
| 32—11 | Standard for Dry Cleaning Plants | 2107.1, 2107.3 |
| 33—15 | Standard for Spray Application Using Flammable or Combustible Materials | 2404.3.2 |
| 34—15 | Standard for Dipping, Coating and Printing Processes Using Flammable or Combustible Liquids | 2405.3, 2405.4.1.1 |
| 35—11 | Standard for the Manufacture of Organic Coatings | |
| 40—11 | Standard for the Storage and Handling of Cellulose Nitrate Film | 306.2 |
| 51—13 | Standard for the Design and Installation of Oxygen-fuel Gas Systems for Welding, Cutting and Allied Processes | .3501.5, 3507.1, 3509.1 |
| 51A—12 | Standard for Acetylene Cylinder Charging Plants. | 3508.1 |
| 52—13 | Vehicular Gaseous Fuel System Code | 5301.1 |
| 55—13 | Compressed Gases and Cryogenic Fluids Code. | |
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| 56—12 | Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. | 3306.2.1 |
| 58—14 | Liquefied Petroleum Gas Code | 603.4.2.1.1, 6101.1, 6103.1, 6103.2.1, 6103.2.1.2, 6103.2.1.7, 6103.2.2, 6104.1, 6104.3.2, 6104.4, 6105.2, 6106.2, 6106.3, 6107.2, 6107.4, 6108.1, 6108.2, 6109.11.2, 6111.3 |
| 59A—13 | Standard for the Production, Storage and Handling of Liquefied Natural Gas (LNG) | 5301.1, 5501. |
| 61—13 | Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities. | Table 2204.1 |
| 69—14 | Standard on Explosion Prevention Systems | 911.1, 911.3, Table 2204.1 |

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