

**Notice of Meeting for the
Building Standards Commission
of the City of Georgetown
February 20, 2020 at 5:15 PM
at 808 Martin Luther King Jr St.- CH Community Room**

The City of Georgetown is committed to compliance with the Americans with Disabilities Act (ADA). If you require assistance in participating at a public meeting due to a disability, as defined under the ADA, reasonable assistance, adaptations, or accommodations will be provided upon request. Please contact the City Secretary's Office, at least three (3) days prior to the scheduled meeting date, at (512) 930-3652 or City Hall at 808 Martin Luther King Jr. Street, Georgetown, TX 78626 for additional information; TTY users route through Relay Texas at 711.

Regular Session

(This Regular Session may, at any time, be recessed to convene an Executive Session for any purpose authorized by the Open Meetings Act, Texas Government Code 551.)

A Call to Order- Building Standards Commission

Public Wishing to Address the Board

On a subject that is posted on this agenda: Please fill out a speaker registration form which can be found at the Board meeting. Clearly print your name, the letter of the item on which you wish to speak, and present it to the Staff Liaison, preferably prior to the start of the meeting. You will be called forward to speak when the Board considers that item.

On a subject not posted on the agenda: Persons may add an item to a future Board agenda by filing a written request with the Staff Liaison no later than one week prior to the Board meeting. The request must include the speaker's name and the specific topic to be addressed with sufficient information to inform the board and the public. For Board Liaison contact information, please logon to <http://government.georgetown.org/category/boards-commissions/>.

B At the time of posting, no one has signed up to speak.

Legislative Regular Agenda

- C Consideration and possible action on minutes from 01/23/2020. - Mark Moore, Assistant Building Official
- D Consideration and possible recommendation to adopt the 2015 International Property Maintenance Code as written.- Glen Holcomb, Building Official.
- E Addressing questions from previous meeting (no action required) - Brad Hofman, Chief Code Enforcement Officer
- F Consideration and possible recommendation to adopt the 2015 International Swimming Pool Code as written - Glen Holcomb, Building Official
- G Consideration and possible recommendation to adopt the 2015 International Existing Building Code as written.- Glen Holcomb, Building Official.
- H Consideration and possible recommendation to adopt the 2015 International Energy Conservation Code

as written.– Glen Holcomb, Building Official.

- I Consideration and possible recommendation to adopt the 2015 International Building Code and the amendments. – Glen Holcomb, Building Official.
- J Consideration and possible recommendation to adopt the 2015 International Residential Code and the amendments. – Glen Holcomb, Building Official.
- K Consideration and possible recommendation to adopt the 2015 International Plumbing Code and the amendments. – Glen Holcomb, Building Official.
- L Consideration and possible recommendation to adopt the 2015 International Mechanical Code and the amendments.- Glen Holcomb, Building Official.
- M Consideration and possible recommendation to adopt the 2015 International Fuel Gas Code and the amendments. – Glen Holcomb, Building Official.
- N Consideration and possible recommendation to adopt the 2017 National Electrical Code and the amendments. – Glen Holcomb, Building Official.
- O Consideration and possible recommendation to adopt the 2015 International Fire Code and the amendments. – Jason Fryer, Lieutenant, Fire & Life Safety.

Adjournment

Certificate of Posting

I, Robyn Densmore, City Secretary for the City of Georgetown, Texas, do hereby certify that this Notice of Meeting was posted at City Hall, 808 Martin Luther King Jr. Street, Georgetown, TX 78626, a place readily accessible to the general public as required by law, on the _____ day of _____, 2020, at _____, and remained so posted for at least 72 continuous hours preceding the scheduled time of said meeting.

Robyn Densmore, City Secretary

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible action on minutes from 01/23/2020. - Mark Moore, Assistant Building Official

ITEM SUMMARY:

FINANCIAL IMPACT:

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SUBMITTED BY:

ATTACHMENTS:

Description	Type
 Minutes from 01/23/2020	Cover Memo

City of Georgetown, Texas
Building Standards Commission
Minutes
Thursday, January 23, 2020 at 5:30 PM
Georgetown Municipal Complex- Williamson Room
300-1 Industrial Ave, Georgetown, TX 78628

Members: Bill Stump, Chairman, John Carey, Morris Greenberg, Lauren Carberry, Todd Treadway.

Member Present: Bill Stump, Chairman, Todd Treadway, Morris Greenberg, Lauren Carberry

Members Absent: Jon Carey

Staff Present: Mark Moore, Assistant Chief Building Official, Kristina Neitsch Permit Technician, Glen Holcomb, Building Official, Jeff Cardwell, Commercial Plans Examiner, Jason Fryer, Fire Plans Examiner, John Sullivan, Fire Chief, Brad Hofman, Chief Code Enforcement Officer, Malcolm Brown, Code Enforcement Officer, Jack Daly, Community Services Director

Chairman Stump called the meeting to order at 5:30 p.m.

Regular Session

1. Bill Stump pulls item D the "Possible Removal of a Junk Car" off the agenda.
2. Quorum present. Acknowledgment and approval of minutes from prior meeting September 2019. Lauren Carberry motions to approve minutes. Morris Greenberg second the motion 4-0 approved.
3. Brad Hofman presents moving from the 2003 Property Maintenance Code to the 2015 Property Maintenance Code.
4. Jason Fryer presents moving to the 2015 Fire Code
5. Glen Holcomb presents moving to the 2015 I-Codes and 2017 National Electrical Code

Executive Session

(Commission reserves the right to convene into Executive Session at any time during the meeting regarding any agenda item. In compliance with the Open Meetings Act, Chapter 551 Government Code, Vernon's Texas Code, Annotated, the item below will be discussed in closed session.)

1. No Executive Session at this time.

Regular Session

Chairman Stump stated the order of the meeting and that those who speak must turn in a speaker sign-up form and oath to Kristina Neitsch, Permit Technician before the item that they wish to address begins. Each speaker will be permitted to address the Commission once for each item, for a maximum of three (3) minutes, unless otherwise agreed to before the meeting begins.

6. No speaker sign-up form and oath forms were submitted.
7. Discussion and possible action for the adoption of 2015 I-Codes, 2017 National Electrical Code, 2015 Fire Code, and 2015 Property Maintenance Code.

Brad Hofman presents moving from the 2003 Property Maintenance Code to the 2015 Property Maintenance Code. Code Enforcement is asking to move to the 2015 code because there are very few changes between the two, with the major changes being section(s) 101.2, 102.3, 103.4.1, 108.2.1.

Chairman Stump questions what Brad means by broadening the code and how does that work.

Mr. Hofman responds that the number of code books would be increased; that on the current code, Code Enforcement is only able to reference the IBC.

Jason Fryer gives an example that on the new code if they ran into a fire issue and the citizen was unwilling to comply they would be able to have Code Enforcement send a letter requesting they correct the violation.

Todd Treadway comments that broadening what code books are allowed to be used is a good idea rather than grandfathering certain things in.

Glenn Holcomb agrees and states that they removed the word grandfathering from the code books.

Mr. Treadway asks what happens if the citizen with the violation cannot afford the repair.

Mr. Hofman agrees that it does happen, but Code Enforcement tries to find a way to help them by using different resources like Habitat For Humanity. He states that violations are normally happening in rental situations. For example, renters that are having trouble getting their landlords to fix issues can call Code Enforcement who then assist in getting the violation corrected.

Mr. Stump would like Code Enforcement to give more detail of what section 102.3 is meaning when stating broadening the code.

Morris Greenberg asks is esthetics can be considered a violation.

Mr. Hofman says that they can enforce but has not seen that happen in the three (3) years that he has been with the City of Georgetown.

Board member Treadway says that enforcing on esthetics would be considered property value not life safety. He also asks what steps the homeowner gets to fix the problem.

Mr. Hofman explains that the property owner will receive certified mail and has 10-14 days to respond. Code Enforcement wants them to respond to try to resolve the issue. If there is no response, then a violation notice can be sent, the case would be presented in front of a judge, and a lien would be placed on the property. But, Code Enforcement tries to not take it to court because it is a dead-end process, with just a fine and the issue not being corrected.

Mr. Treadway states that he is property owner, but also wants to protect people that need to be protected.

Mark Moore states that the upper management has been very mindful of the public when enforcing rules.

Mr. Treadway agrees but the rules is in place it can be enforced at any time.

Mr. Moore responds with that is the case with any code that the city has or adopts.

Mr. Hofman moves on to discuss disconnecting vacant properties.

Mr. Greenberg asks if the building is vacant then Code Enforcement would have to break in to the building, he would like to know how the city is allowed break into buildings.

Mr. Hofman replies that he has never broke into a building; that sometimes they are dilapidated and open. Otherwise to enter a sealed building they would need an order from the court, but in most cases the meter can be pulled from outside of the house.

Chairman Stump states lets move on to the Fire Code.

Jason Fryer gives his presentation on the proposed new Fire Code. He explains that adopting the new code would not only make it easier on builders but increase the cities ISO rating.

Mr. Greenberg asks what happens when people park on the street and the fire trucks are unable to get through.

Mr. Fryer responds that fire would investigate the situation to see what steps need to be in place to prevent it from happening again.

Mr. Greenberg would like an explanation on how City of Georgetown operates on the 2012 fire code and Williamson County operates on the 2015 Code

Mr. Fryer explains that Williamson County Fire Marshall has jurisdiction where no city in the county does. For example, City of Taylor has a fire department and the surrounding areas only have volunteer fire departments therefore in the surrounding areas of Taylor Williamson County Fire Marshall would have jurisdiction.

Mr. Fryer continues with his presentation bringing up a new retroactive requirement that everyone in the I-2 Group will have to bring themselves up to the current code. That the State of Texas is on the 2006 Life Safety Code, and that businesses are required to meet state and city code.

Mr. Stump would like to know if the city will be talking to the facilities that it will cost a lot of money to update to the current code before adopting.

Mr. Fryer agrees that most facilities will not know, and they will try to speak with them about it.

John Sullivan states that most places will not have an issue with it.

Mr. Fryer explains that an annual inspection is done, and they all must be licensed in order to pass the yearly fire inspection.

Mr. Stump expresses his concern for the Wesleyan by St. David's Georgetown because they are so old.

Mr. Fryer says they can sit down and come up with a game plan to try to get the places up to code; while not putting businesses in a huge bind.

Jeff Cardwell states that Mr. Fryer's fire code is similar to the 2015 IBC section 1103.

Mr. Holcomb explains that one thing the 2015 code does is bring Building and Fire Code more in line with each other, rather than trying to enforce two (2) different codes.

Mr. Fryer goes into explaining how the 2015 code will require Carbon Monoxide alarm systems.

Chairman Stump speaks about the Building Standard Commission list of questions and concerns about the proposed code, ordinances, and amendments.

Mr. Holcomb gives his presentation on the 2015 I-Codes and 2017 National Electrical Code stating that he is working on the amendments.

Mr. Cardwell adds that most things that are coming in for plan review are already meeting the 2015 code. He has done many reviews both in the 2012 and 2015 code, they are very similar

Mr. Holcomb states that the city would like to go from the 2014 to the 2017 National Electrical Code. That it will make is easier for the builder because the State of Texas has adopted the 2017

National Electrical Code. One amendment that will be made is The City of Georgetown will not allow line side taps, they are too dangerous.

In the 2015 Code, swimming pools will no longer be combined with the IRS; instead they will have their own book. This will help make pools safer for everyone, but mainly protect children by requiring an audible alarm system.

Mr. Stump asks if we will adopt the 2015 Irrigation code.

Mr. Holcomb states that the City of Georgetown is waiting on TECQ to decide if they will make all irrigation systems high hazard.

Mr. Holcomb explains that greenhouses will be added to the 2015 IECC.

Mr. Cardwell adds that the State of Texas has adopted the 2015 IECC similar to the 2017 National Electrical Code; that builders are required to meet the state adopted code already, so it would not majorly impact them.

Mr. Holcomb explains how the 2015 code will make an easier path for the building of tiny homes.

Mr. Stump asks if anyone is building tiny homes in Georgetown.

Mr. Cardwell explains that up to this point we had rules that made it very hard for them to be built.

Mr. Stump suggests that the city bring a revised code of ordinances to the next meeting.

Mr. Holcomb states that he wanted to have it tonight but will get ready to have another meeting in February.

Mr. Treadway motions to adjourn; Mr. Greenberg seconds the motion. Approved (4-0)

Consent Agenda

The Consent Agenda includes non-controversial and routine items that the Commission may act on with one single vote. A Commissioner or any member of the public may request that any item from the Consent Agenda be pulled in order that the Commission discuss and act upon it individually as part of the Regular Agenda. The Planning and Zoning Commission's approval of an item on the Consent Agenda will be consistent with the staff recommendation described in the report, unless otherwise noted.

2. Consideration and possible approval of the Minutes of the September 26, 2019 meeting.

Motion by Carberry to approve the Consent agenda including the September 26, 2019 minutes.
Second by Greenberg. Approved. (4-0)

Regular Agenda

Comments from Director.

Comments from Commissioners.

Motion to adjourn

Approved, Bill Stump, Chair

Attested, Lauren Carberry, Secretary

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Property Maintenance Code as written.- Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Property Maintenance Code as written, no changes recommended by City of Georgetown. A copy of the code book will be available at the meeting.

FINANCIAL IMPACT:

SUBMITTED BY:

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Addressing questions from previous meeting (no action required) - Brad Hofman, Chief Code Enforcement Officer

ITEM SUMMARY:

Mr. Hofman will address and discuss questions brought upon from the Building Standard Commission that were presented at the last meeting.

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description		Type
	Code Enforcement Questions Addressed	Cover Memo

2020-01-23 - Building Standards

Feedback on 2015 property maintenance code

- **Further clarify section 102.3**
 - Repairs, additions or alterations to a structure, or changes of occupancy, shall be done in accordance with the procedures and provisions of the *International Building Code*, *International Fuel Gas Code*, *International Mechanical Code* and the *ICC Electrical Code*. Nothing in this code shall be construed to cancel, modify or set aside any provision of the *International Zoning Code*.
 - This change simply allows the other international building codes to apply when assessing repairs, alterations or additions to an existing building.
- **Difference between life/safety issues and simple aesthetic issues?**
 - The code is intended to provide requirements addressing the public health, safety and welfare as they relate to the use and maintenance of existing structures and premises. The code requires existing structures and premises that are not in compliance with the code to be altered or repaired to meet the code. The code requirements are intended to represent the *minimum* acceptable level of public health and safety.
 - The IPMC establishes the necessary legal basis for enforcement of the code by the City of Georgetown. It provides the authority to enforce minimum standards for the use and maintenance of buildings.
 - Establishes minimum maintenance standards for such elements as basic equipment, light, ventilation, heating, sanitation and fire safety.
 - Clarifies responsibility among owners, operators and occupants for following the code.
 - Regulates the use of existing structures and premises.
 - Providing for administration, enforcement and penalties.
- **Understand authority, process, a length of time regarding enforcement?**
 - Currently, Code Compliance issues a written warning when an issue is identified. That warning is sent via certified mail. The letter gives the owner or occupant a specified amount of time to address the issue.
 - If the issue is not resolved, a second warning is issued. A reinspection is scheduled for a specified time.
 - Code regularly gives extensions to customers who are working to come into compliance
 - If the issue is still not resolved, a formal Notice of Violation is issued to the property, as well as shared with the Municipal Court. It can take the court 2-3 weeks to schedule a hearing.
 - The Municipal Court prosecutor and Judge can dismiss, defer, or assess fines regarding the issue.
- **Are low-income, long-time residents adequately protected?**
 - Absolutely. Code Compliance works to connect residents who may not have the means to repair their premises with volunteer organizations who help bring properties into

compliance. Additionally, the City has funded a home repair program in partnership with Habitat for Humanity to address similar challenges.

- **Demolition standards in this code?**

- Yes, the IMPC does provide for demolition.
- **Section 110 | Demolition**
 - *The code official shall order the owner or owner's authorized agent of any premises upon which is located any structure, which in the code official's or owner's authorized agent judgment after review is so deteriorated or dilapidated or has become so out of repair as to be dangerous, unsafe, insanitary or otherwise unfit for human habitation or occupancy, and such that it is unreasonable to repair the structure, to demolish and remove such structure; or if such structure is capable of being made safe by repairs, to repair and make safe and sanitary, or to board up and hold for future repair or to demolish and remove at the owner's option; or where there has been a cessation of normal construction of any structure for a period of more than two years, the code official shall order the owner or owner's authorized agent to demolish and remove such structure, or board up until future repair. Boarding the building up for future repair shall not extend beyond one year, unless approved by the building official.*
- Section 111 does provide for an appeal process.

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Swimming Pool Code as written - Glen Holcomb, Building Official

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Swimming Pool Code as written, no changes recommended by City of Georgetown. The code book will be available at the meeting for review.

FINANCIAL IMPACT:

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SUBMITTED BY:

ATTACHMENTS:

Description	Type
 International Swimming Pool Code	Cover Memo

Code: ISPC-2015

[A] 101.1

Proponent: Glen Holcomb Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 101.1 Title. These regulations shall be known as the *International Swimming Pool Code* of City of Georgetown, Texas hereafter referred to as "this code."

Reason: The purpose of this section is to identify the ISPC is adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: ISPC-2015

Chapter 1 - Section 107

Proponent: Glen Holcomb Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 107.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, install, alter or repair a pool or spa in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a [SPECIFY OFFENSE], punishable by a fine of not more than [AMOUNT] dollar or by imprisonment not exceeding [NUMBER OF DAYS], or both such a fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Reason: The violation penalties are outlined in Section 1.08.010 and entitled "General Penalty" of the City of Georgetown Code of Ordinances and shall take precedence over this section.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost to construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: ISPC-2015

Chapter 1 - Section 108

Proponent: Glen Holcomb Building Official, Inspection Services - representing City of Georgetown, TX

Delete and revise as follows:

Section 108 - Means of Appeal.

[A] 108.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the ~~board of appeals.~~ Building Standards Commission. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the code official within ~~20~~ 90 days after the notice was served.

[A] 108.1.2 Chapter 2.64. Building Standards Commission. Refer to Chapter 2.64 of the City of Georgetown Code of Ordinances for commission related to membership, appeals, hearings and policies as set forth by the City Council.

~~**[A] 108.2 Membership of board.** The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years, one for 4 years, one for 3 years, one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.~~

~~**[A] 108.2.1 Qualifications.** The board of appeals shall consist of five individuals, one from each of the following professions or disciplines:~~

~~1. Registered design professional who is a registered architect; or a builder or superintendent of building construction with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~2. Registered design professional with structural engineering or architectural experience.~~

~~3. Registered design professional with mechanical and plumbing engineering experience; or a mechanical and plumbing contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~4. Registered design professional with electrical engineering experience; or an electrical contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~5. Registered design professional with pool or spa experience; or a contractor with not less than 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~**[A] 108.2.2 Alternate members.** The chief appointing authority shall appoint two alternate members who shall be called by the board chairman to hear appeals during the absence or disqualification of a member. Alternate members shall possess the qualifications required for board membership and shall be appointed for 5 years or until a successor has been appointed.~~

~~**[A] 108.2.3 Chairman.** The board shall annually select one of its members to serve as chairman.~~

~~**[A] 108.2.4 Disqualification of member.** A member shall not hear an appeal in which that member has any personal, professional or financial interest.~~

~~**[A] 108.2.5 Secretary.** The chief administrative officer shall designate a qualified clerk to serve as secretary to the board. The secretary shall file a detailed record of all proceedings in the office of the chief administrative officer.~~

~~**[A] 108.2.6 Compensation of members.** Compensation of members shall be determined by law.~~

~~**[A] 108.3 Notice of meeting.** The board shall meet upon notice from the chairman, within 10 days of the filing of an appeal or at stated periodic meetings.~~

~~**[A] 108.4 Open hearing.** All hearings before the board shall be open to the public. The appellant, the appellant's representative.~~

~~the code official and any person whose interests are affected shall be given an opportunity to be heard.~~

~~**[A] 108.4.1 Procedure.** The board shall adopt and make available to the public through the secretary procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.~~

~~**[A] 108.5 Postponed hearing.** When five members are not present to hear an appeal, either the appellant or the appellant's representative shall have the right to request a postponement of the hearing.~~

~~**[A] 108.6 Board decision.** The board shall modify or reverse the decision of the code official by a concurring vote of three members.~~

~~**[A] 108.6.1 Resolution.** The decision of the board shall be by resolution. Certified copies shall be furnished to the appellant and to the code official.~~

~~**[A] 108.6.2 Administration.** The code official shall take immediate action in accordance with the decision of the board.~~

~~**[A] 108.7 Court review.** Any person, whether or not a previous party of the appeal, shall have the right to apply to the appropriate court for a writ of certiorari to correct errors of law. Application for review shall be made in the manner and time required by law following the filing of the decision in the office of the chief administrative officer.~~

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The City Council has enacted ordinances that determine the membership of the board, qualifications and procedures. This code change proposal establishes the referenced name given to the board of appeals appointed by the governing body.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Existing Building Code as written.- Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Existing Building Code as written, no changes recommended by City of Georgetown. A copy of the code book will be available at the meeting, see below for a link to the online code book.
<https://up.codes/viewer/texas/iebc-2015>

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 International Existing Building Code	Cover Memo

Code: IEBC-2015

[A] 101.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, Tx

Revise as follows:

[A] 101.1 Title. These regulations shall be known as the *International Existing Building Code* of City of Georgetown, Texas hereafter referred to as "this code."

Reason: The purpose of this section is to identify the IEBC is adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IEBC-2015

Chapter 1 - Section 113

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, Tx.

Revise as follows:

[A] 113.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Reason: The violation penalties are outlined in Section 1.08.010 and entitled "General Penalty" of the City of Georgetown Code of Ordinances and shall take precedence over this section.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost to construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IEBC-2015

Chapter 1 - Section 112

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Delete and revise as follows:

Section 112 – BOARD OF APPEALS

[A] 112.1 General. In order to hear and decide appeals of orders, decisions, or determinations made by the code official relative to the applications and interpretations of this code, there shall be an is hereby created a ~~board of appeals~~ Building Standard Commission. The ~~board of appeals~~ Building Standard Commission shall be appointed by the governing body and shall hold office at its pleasure. The board shall adopt rules and procedure for conducting its business.

~~[A] 112.2 Limitations on authority.~~ ~~An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The board shall not have authority to waive requirements of this code.~~

~~[A] 112.3 Qualifications.~~ ~~The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to building construction and are not employees of the jurisdiction.~~

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The City Council has enacted ordinances that determine the membership of the board, qualifications and procedures. This code change proposal establishes the referenced name given to the board of appeals appointed by the governing body.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Energy Conservation Code as written.– Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Energy Conservation Code as written, no changes recommended by City of Georgetown. A copy of the code book will be available at the meeting, see below for a link to the online code book.
<https://up.codes/viewer/texas/iecc-2015>

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 2015 International Energy Efficiency Code	Cover Memo

Code: IECC-2015

[C] 101.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, Tx

Revise as follows:

[C] 101.1 Title. This code shall be known as the *International Existing Building Code* of **City of Georgetown, Texas** hereafter referred to as "this code."

Reason: The purpose of this section is to identify the IEBC is adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IECC-2015

[R] 101.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, Tx

Revise as follows:

[R] 101.1 Title. This code shall be known as the *International Existing Building Code* of **City of Georgetown, Texas** hereafter referred to as "this code."

Reason: The purpose of this section is to identify the IEBC is adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IECC-2015
Chapter 1 - Section C109

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Delete and revise as follows:

Section 112 – BOARD OF APPEALS

[A] C109.1 General. In order to hear and decide appeals of orders, decisions, or determinations made by the code official relative to the applications and interpretations of this code, there shall be an is hereby created a ~~board of appeals~~ Building Standard Commission. The ~~board of appeals~~ Building Standard Commission shall be appointed by the governing body and shall hold office at its pleasure. The board shall adopt rules and procedure for conducting its business.

[A] C109.2 Limitations on authority. ~~An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The board shall not have authority to waive requirements of this code.~~

[A] C109.3 Qualifications. ~~The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to building construction and are not employees of the jurisdiction.~~

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The City Council has enacted ordinances that determine the membership of the board, qualifications and procedures. This code change proposal establishes the referenced name given to the board of appeals appointed by the governing body.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

Code: IECC-2015

Chapter 1 - Section C109

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Delete and revise as follows:

Section 109 – BOARD OF APPEALS

[A] R109.1 General. In order to hear and decide appeals of orders, decisions, or determinations made by the code official relative to the applications and interpretations of this code, there shall be an is hereby created a ~~board of appeals~~ Building Standard Commission. The ~~board of appeals~~ Building Standard Commission shall be appointed by the governing body and shall hold office at its pleasure. The board shall adopt rules and procedure for conducting its business.

[A] R09.2 Limitations on authority. ~~An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The board shall not have authority to waive requirements of this code.~~

[A] R109.3 Qualifications. ~~The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to building construction and are not employees of the jurisdiction.~~

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The City Council has enacted ordinances that determine the membership of the board, qualifications and procedures. This code change proposal establishes the referenced name given to the board of appeals appointed by the governing body.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Building Code and the amendments. – Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Building Code and the amendments. A Copy of the code book will be available at the meeting for review; you can also use the link below.. See attached for amendment recommendations.

<https://up.codes/viewer/texas/ibc-2015>

FINANCIAL IMPACT:

..

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 Amendments for the 2015 International Building Code	Cover Memo

Code: IBC-2015

Chapter 1 - Section 101

[A] 101.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

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

Reason: The purpose of this section is to identify the IBC will be the adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Chapter 1 - Section 104

[A] 104.10.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

~~[A] 101.4.10.1 Flood hazard areas. The building official shall not grant modifications to any provision required in flood hazard areas as established by Section 1612.3 unless a determination has been made that:~~

~~1. A showing of good and sufficient cause that the unique characteristics of the size, configuration or topography of the site render the elevation standards of Section 1612 inappropriate.~~

~~2. A determination that failure to grant the variance would result in exceptional hardship by rendering the lot undevelopable.~~

~~3. A determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, cause fraud on or victimization of the public, or conflict with existing laws or ordinances.~~

~~4. A determination that the variance is the minimum necessary to afford relief, considering the flood hazard.~~

~~5. Submission to the applicant of written notice specifying the difference between the design flood elevation and the elevation to which the building is to be built, stating that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced floor elevation, and stating that construction below the design flood elevation increases risks to life and property.~~

Refer to Title 15, Chapter 15.44, and entitled Flood Damage Prevention of the City of Georgetown Code of Ordinances.

Reason: The City of Georgetown has a Flood Damage Prevention Ordinance and governs the requirements for a variance. To avoid any potential conflicts between the two ordinances this section needs to be deleted from the building code and reference made to Chapter 15.44 of the Georgetown Code of Ordinances.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Chapter 1 - Section 105

[A] 105.2

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

- ~~1. One story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 120 square feet (11 m2).~~
- ~~2. Fences not over 7 feet (2134 mm) high.~~
- ~~3. 1. Oil derricks.~~
- ~~4. 1. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.~~
- ~~5. 2. Water tanks supported directly on grade and fully enclosed with a cover if the capacity is not greater than 5,000 gallons (18 925L) and the ratio of height to diameter or width is not greater than 2:1.~~
- ~~6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or story below and are not part of an accessible route~~
- ~~+-: 3. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.~~
- ~~8:- 5. Temporary motion picture, television and theater stage sets and scenery~~
- ~~9. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed entirely above ground.~~
- ~~10:- 4. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.~~
- ~~11.- 5. Swings and other playground equipment accessory to detached one- and two-family dwellings.~~
- ~~12. 6. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that does not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.~~
- ~~13. 7. Non-fixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753mm) in height.~~

Reason: The City of Georgetown has a Unified Development Code which would regulate the location of detached accessory structures, fences, oil derrick locations, if applicable locally and sidewalks. Therefore, a building permit would be required to verify compliance within the development code for these types of structures.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: The cost of construction would be that of the required permits from \$25-\$35 per permit application.

Chapter 1 - Section 113

[A] 113.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Delete as follows:

BOARD OF APPEALS Building Standards Commission

[A] 113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code, there shall be and is hereby created a ~~board of appeals~~ Building Standards Commission. ~~The board of appeals~~ Building Standards Commission shall be appointed by the applicable governing authority and shall hold office at its pleasure. ~~The board~~ City Council and Building Standards Commission shall adopt rules of procedure for conducting its business.

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Chapter 1 - Section 114

[A] 114.4

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 114.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Reason: The violation penalties are outlined in Section 1.08.010 and entitled "General Penalty" of the City of Georgetown Code of Ordinances and shall take precedence over this section.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost to construction associated with this revision.

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Add new definition of as follows:

IFI BED AND BREAKFAST. A private residential structure(s) used for the rental of overnight accommodations serving less than 16 occupants and who's owner serves breakfast at no extra cost to its lodgers.

Reason: This code change proposal is to add a definition for Bed and Breakfast occupancy.

Cost Impact: The code change proposal will not increase the cost of construction.

310

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[F] 310.3 Residential Group R-1. Residential occupancies containing sleeping units where the occupants are primarily transient, including:

BED AND BREAKFAST (TRANSIENT) LESS THEN 16 OCCUPANTS

Boarding houses (transient) with more than 10 occupants

Congregate living facilities (transient) with more the 10 occupants

Hotels (*transient*)

Motels (*transient*)

Reason: This code change proposal is to add Bed and Breakfast to the Residential I Group R-1 occupancy group.

Cost Impact: The code change proposal will not increase the cost of construction.

310.2

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

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Revise as follows:

[F] 310.2 Definitions. The following terms are defined in Chapter 2:

BED AND BREAKFAST.

BOARDING HOUSE.

CONGREGATE LIVING FACILITIES.

DORMITORY.

GROUP HOME.

PERSONAL CARE SERVICE.

TRANSIENT.

Reason: This code change proposal is to reference the definition for Bed and Breakfast occupancy to Chapter 2.

Cost Impact: The code change proposal will not increase the cost of construction.

310.3.1 (NEW)

310.3.2

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Add new Subsection and text as follows:

IFI 310.3.1 BED AND BREAKFAST. An automatic sprinkler system installed in 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 GUEST ROOMS WITH DIRECT SECONDARY EGRESS.
 - C. DUAL SENSOR SMOKE ALARMS.
 - D. CARBON MONOXIDE ALARMS.
 - E. MONITORED ALARM SYSTEM.
 - F. FIRE EXTINGUISHER.
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. DUAL SENSOR 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 THROUGHTOUT THE STRUCTURE.
 - C. ALL GUESTROOMS WITH DIRECT SECONDARY EGRESS.
 - D. DUAL SENSOR SMOKE ALARMS.
 - E. CARBON MONOXIDE ALARMS.
 - F. MONITORED ALARM SYSTEM.
 - G. SELF CLOSING GUESTROOM DOORS.
 - H. COMMERCIAL HOOD SYSTEM AND PULL STATIONS.

Reason: This code change proposal creates a tiered system for the fire and life features associated with Bed and Breakfast occupancies. This code change proposal would improve safety and reduce property loss. This occupancy type needs to be in the Building Code as well as the Fire Code.

cost Impact: The estimated cost for most new residential sprinkler installations can vary in the range of \$1.00 - \$2.00 per square foot.

Chapter 16 - Section 1612.3

1612.3

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

1612.3 Establishment of flood hazard areas. To establish flood hazard areas, the applicable governing authority shall adopt a flood hazard map and supporting data. The flood hazard map shall include, at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled "The Flood Insurance Study for **INSERT NAME OF JURISDICTION1.**" **"City of Georgetown, Texas"**, dated **INSERT DATE OF ISSUANCE1.** **"September 28, 2008"**, as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and Flood Boundary and Floodway Map (FBFM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this section. **Refer to Title 15, Chapter 15.44, and entitled Flood Damage Prevention of the City of Georgetown Code of Ordinances.**

Reason: By inserting the jurisdiction name and the date of the flood hazard boundary study as accepted by the local jurisdiction, this is a provision confirming that the City of Georgetown has had FEMA study performed, with an accompanying Flood Damage Prevention Ordinance. The local jurisdiction FEMA FIRM or Flood Insurance Rate Map and ordinance shall be the governing requirements. This section is a tool that can be used for Inspection and plan review purposes while meeting the minimum requirements of FEMA 44 CFR for Flood Plain Management.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

EXHIBIT A

Chapter 15 .04 Building Code

Sec. 15.04.010 Building Code Adopted.

- A. The provisions of the "International Building Code," 2015 Edition, including Appendixes C, E, F, I, J and K., with the specific local amendments set forth in this Chapter are hereby adopted. In this Chapter, the 2015 International Building Code shall be referred to as the "Building Code" and the Building Code shall establish regulations affecting or relating to structures , processes, premises and safeguards.
- B. A copy of the Building Code shall be placed at the Georgetown Public Library on file at the office of the Building Official.

Sec. 15.04.020 Section 101.1, Title, amended.

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

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

Sec. 15.04.030 Section 104.10.1 Flood Hazard areas, amended.

The Building Code, Section 104.10. 1, Flood Hazard areas is hereby amended to read as follows:

104.10.1 Flood Hazard Areas. Refer to Title 15, Chapter 15.44, entitled Flood Damage Prevention, of the City of Georgetown Code of Ordinances.

Sec. 15.04.040 Section 105.2, Work exempt from permit, amended.

The Building Code, Section 105.2, Work exempt from permit, is hereby amended to read as follows:

105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.

2. Water tanks supported directly on grade and fully enclosed with a cover if the capacity is not greater than 5,000 gallons (18 925L) and the ratio of height to diameter or width is not greater than 2:1.
3. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
4. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
5. Swings and other playground equipment accessory to detached one- and two-family dwellings.
6. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that does not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
7. Non-fixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753mm) in height.

Electrical:

Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.

Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions but do apply to equipment and wiring for a power supply and the installations of towers and antennas.

Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.

- 4 Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
- 5 Replacement of any part that does not alter its approval or make it unsafe.
- 6 Portable evaporative cooler.
7. Self-contained refrigeration system containing 11 pounds (5 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.
- 2 The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Sec. 15.04.050 Section 113.1, Building Standards Commission established, amended .

The Building Code, Section 113.1, Building Standards Commission established, is hereby amended to read as follows:

Building Standards Commission

113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code, there shall be and is hereby created a Building Standards Commission. The Building Standards Commission shall be appointed by the applicable governing authority and shall hold office at its pleasure. The City Council and Building Standards Commission shall adopt rules of procedure for conducting its business.

Sec. 15.04.060 Section 114.4, Violation penalties, amended.

The Building Code, Section 114.4, Violation penalties, is hereby amended to read as follows:

114.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building

official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Sec. 15.04.070 Section 202,

Section 202, Definitions, added and amended.

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

"Bed and Breakfast" means a private residential structure(s) used for the rental of overnight accommodations serving less than 13 occupants and whose owner serves breakfast at no extra cost to its lodgers.

Sec. 15. 04.080 Section 310.2 Definitions, amended.

The Building Code, Section 310.2 Definitions, is hereby amended to read as follows:

310.2 Definitions. The following terms are defined in Chapter 2:

BED AND BREAKFAST.
BOARDING HOUSE.
CONGREGATE LIVING FACILITIES.
DORMITORY.
GROUP HOME.
PERSONAL CARE SERVICE.
TRANSIENT.

Sec. 15.04.090 Subsection 310.3.1 Bed and Breakfast, added.

The Building Code, Subsection 310.3.1, Bed and Breakfast is hereby added to read as follows:

310.3.1 BED AND BREAKFAST. An automatic sprinkler system installed in 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. DUAL SENSOR SMOKE ALARMS.
 - D. CARBON MONOXIDE ALARMS.
 - E. MONITORED ALARM SYSTEM.
 - F. FIRE EXTINGUISHER

2. BED AND BREAKFAST INN

- A. 3-5 GUESTROOMS WITH MAXIMUM OCCUPANCY OF 10 GUESTS.
- B. 13-DSPRINKLER SYSTEM THROUGHOUT THE STRUCTURE.
- C. ALL GUEST ROOMS WITH DIRECT SECONDARY EGRESS.
- D. DUAL SENSOR SMOKE ALARMS.
- E. CARBON MONOXIDE ALARMS.
- F. MONITORED ALARM SYSTEM
- G. SELF CLOSING GUESTROOM DOORS.

3. BED AND BREAKFAST LCD3E

- A. 6-8 GUESTROOMS WITH A **MAXIMUM** OCCUPANCY OF 16 GUESTS.
- B. 13-RSPRINKLER SYSTEM THROUGHOUT THE STRUCTURE.
- C. ALL GUESTROOMS WITH DIRECT SECONDARY EGRESS.
- D. DUAL SENSOR SMOKE ALARMS.
- E. CARBON MONOXIDE ALARMS.
- F. MONITORED ALARM SYSTEM.
- G. SELF CLOSING GUESTROOM DOORS.
- H. COMMERCIAL HOOD SYSTEM AND PULL STATIONS.

Sec. 15.04.100 Section 310.3 Residential Group R-1, amended .

The Building Code, Section 310.3 , Residential Group R-1, is hereby amended to read as follows:

[F] 310.3 Residential Group R-1. Residential occupancies containing sleeping units where the occupants are primarily transient, including:

BED AND BREAKFAST (TRANSIENT) LESS THAN 13 OCCUPANTS

Boarding houses (transient) with more than 10 occupants

Congregate living facilities (transient) with more than 10 occupants

Hotels (*transient*)

Motels (*transient*)

Sec. 15.04.1-0 Section 1312.3, Establishment of flood hazard areas, amended.

The Building Code, Section 1312.3, Establishment of flood hazard areas, is hereby amended to read as follows:

1312.3 Establishment of flood hazard areas. To establish flood hazard areas, the applicable governing authority shall adopt a flood hazard map and supporting data. The flood hazard map shall include , at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled "The Flood Insurance Study for City of Georgetown, Texas, dated September 28, 2008", as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and Flood Boundary and Floodway Map (FBFM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this section.

Refer to Title 15, Chapter 15.44, and entitled Flood Damage Prevention of the City of Georgetown Code of Ordinances.

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Residential Code and the amendments. – Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Residential Code and the amendments. A copy of the book will be available at the meeting for review, please see below for a link to book. See attached for amendment recommendations.

<https://up.codes/viewer/texas/irc-2015>

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 Amendments for the 2015 International Residential Code	Cover Memo

Code: IRC2015

Chapter 1 - Section R101

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

R 101.1 Title. These regulations shall be known as the Residential Code *for One- and Two- family Dwellings* of **City of Georgetown, Texas** hereinafter referred to as "this code."

Reason: The purpose of this section is to identify the IRC will be the adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC 2015

Chapter 1 - Section 104

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City Of Georgetown

Revise as follows:

R104.10.1 Flood hazard areas. The *building official* shall not grant modifications to any provision related to flood hazard areas as established by Table R301.2(1) without the granting of a variance to such provisions by the board of appeals.

Refer to Title 15, Chapter 15.44, and entitled Flood Damage Prevention of the City of Georgetown Code of Ordinances.

Reason: The City of Georgetown has a Flood Damage Prevention Ordinance and governs the requirements for a variance. To avoid any potential conflicts between the two ordinances this section needs to be deleted from the building code and reference made to Chapter 15.44 of the Georgetown Code of Ordinances.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC 2015

Chapter 1 - Section 105

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

R 105.2 Work exempt from permit. Permits shall not be required for the following. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction.

Building:

- ~~1. One story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 200 square feet (18.58 m2).~~
- ~~2. fences not over 7 feet (2134 mm) high.~~
3. 1. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
- 4.- 2. Water tanks supported directly on grade and fully enclosed with a cover if the capacity does not exceed 5,000 gallons (18 927L) and the ratio of height to diameter or width does not exceed 2 to 1.
- ~~5. Sidewalks and driveways.~~
6. 3. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. 4. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. 6. Swings and other playground equipment.
9. 7. Window awnings supported by an exterior wall which do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
- ~~10. Decks not exceeding 200 square feet (18.58 m2) in area, that are not more than 30 inches (762 mm) above grade at any point, are not attached to a dwelling and do not serve the exit door required by Section R311.4.~~

Reason: The City of Georgetown has a Unified Development Code which would regulate the location and impervious coverage of detached accessory structures, fences, driveways, sidewalks and decks. Therefore, a building permit would be required to verify compliance within the development code for these types of structures.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: The cost of construction would be that of the required permits from \$25-\$35 per permit application.

Public Hearing: Commission: AS AM D

Code: IRC-2015

Chapter 1 - Section 112

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise and delete as follows:

BOARD OF APPEALS Building Standards Commission

R 112.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code, there shall be and is hereby created a ~~board of appeals~~ Building Standards Commission. The ~~board of appeals~~ Building Standards Commission shall be appointed by the applicable governing authority and shall hold office at its pleasure. The ~~board~~ City Council and Building Standards Commission shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *building official*. Any reference made in "this code" to the "Board of Appeals", shall have meaning as the "Building Standards Commission".

R112.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

~~R112.2.1 Determination of substantial improvement in flood hazard areas~~ ~~When the building official provides a finding required in Section R105.3.1.1, the board of appeals shall determine whether the value of the proposed work constitutes a substantial improvement. A substantial improvement means any repair, reconstruction, rehabilitation, addition or improvement of a building or structure, the cost of which equals or exceeds 50 percent of the market value of the building or structure before the improvement or repair is started. If the building or structure has sustained substantial damage, all repairs are considered substantial improvement regardless of the actual repair work performed. The term does not include:~~

~~Improvements of a building or structure required to correct existing health, sanitary or safety code violations identified by the building official and which are the minimum necessary to assure safe living conditions; or~~

~~2. Any alteration of an historic building or structure, provided that the alteration will not preclude the continued designation as an historic building or structure. For the purpose of this exclusion, an historic building is:~~

~~2.1. Listed or preliminarily determined to be eligible for listing in the National Register of Historic Places; or~~

~~2.2. Determined by the Secretary of the U.S. Department of Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined to qualify as an historic district; or~~

~~2.3. Designated as historic under a state or local historic preservation program that is approved by the Department of Interior.~~

~~R112.2.2 Criteria for issuance of a variance for flood hazard areas.~~ ~~A variance shall be issued only~~

~~1. A showing of good and sufficient cause that the unique characteristics of the size, configuration or topography of the site render the elevation standards in Section R322 inappropriate.~~

~~2. A determination that failure to grant the variance would result in exceptional hardship by rendering the lot undevelopable.~~

~~3. A determination that the granting of a variance will not result in increased flood heights, additional~~

threats to public safety, extraordinary public expense, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances.

~~4. A determination that the variance is the minimum necessary to afford relief, considering the flood hazard.~~

~~5. Submission to the applicant of written notice specifying the difference between the design flood elevation and the elevation to which the building is to be built, stating that the cost of flood insurance will be commensurate with the increased risk resulting from reduced floor elevation, and stating construction below the design flood elevation increases risks to life and property.~~

~~**R112.3 Qualifications.** The Building Standards shall consist of members who are qualified by experience and training to pass on matters pertaining to building construction and are not employees of the jurisdiction.~~

~~**R112.4 Administration.** The *building official* shall take immediate action in accordance with the decision of the board.~~

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The Building Standards Commission is appointed by the City Council and the qualifications are set by the City Council in the adopted By-Laws.

All variance requirements related to Flood Hazard Areas and substantial improvements are set forth through an adopted ordinance in Georgetown called the Flood Damage Prevention Ordinance which meets FEMA 44 CFR requirements and standards to be eligible to participate within the National Flood Insurance Program.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

Code: IRC 2015

Chapter 1 - Section 113

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

R 113.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Reason: The violation penalties are outlined in Section 1.08.010 and entitled "General Penalty" of the City of Georgetown Code of Ordinances and shall take precedence over this section.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost to construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC 2015

Chapter 24 - Section G2404 (301)

G2404 (301) (NEW)

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City Of Georgetown

Add requirement as follows:

G2404 (301.4) Gas meter locations for accessible and acceptable locations. A gas service meter location, when required, shall be provided for the building or premises to be served as provided for in this section. The location of the meter and connections shall be easily accessible for reading, repair and replacement. The location, space requirements, Dimensions and type of installation shall meet the requirements of the serving utility provider and a minimum of 3 feet shall be maintained from any operable window in a sleeping room and from any open flame or ignition source, including electrical panels with disconnecting means."

Reason: Gas Meters have a vent; therefore, the location is critical so that when a bedroom window is open for example, and the venting of gas occurs, the gas will not enter the dwelling.

The location of the gas meter is also critical around an outside electrical panel, that if a gas meter is venting and a spark occurs or gas infiltrates in or through the panel cover, an explosion does not occur.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC-2015

Chapter 1 - Section 101

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

R101.2 Scope. The provisions of the *International Residential Code for One- and Two-family Dwellings* shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and townhouses not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures*.

Exceptions:

1. Live/work units complying with the requirements of Section 419 of the *International Building Code* shall be permitted to be built as one- and two-family *dwellings* or townhouses. Fire suppression required by Section 419.5 of the *International Building Code* when constructed under the *International Residential Code for One- and Two-family Dwellings* shall conform to Section P2904.
2. ~~Owner-occupied lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with the *International Residential Code for One and Two family Dwellings* when equipped with a fire sprinkler system in accordance with Section P2904.~~

Reason: Exception 2 provides certain occupancy requirements for lodging and boarding houses with five or fewer guestrooms. Bed and Breakfast (B&B) occupancies are included. The 2015 International Building and Fire Code have been adopted and included revised Bed and Breakfast occupancies requirements. Reference made in the Residential Code needs to be revised to avoid potential requirements and conflicts.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: **AS** **AM** **D**

Code: IRC-2015

Chapter 1 - Section 105

105.1.2 (NEW)

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City Of Georgetown

Add requirement as follows:

R105.1.2 Homestead Exemption Permit - A person who is not licensed to perform plumbing, electrical and mechanical work may perform such work within dwelling premises, owned by the person, if the person has filed an affidavit with the Building Official stating that the location at which the work is to be done is the affiant's homestead, intends to occupy the structure and can show proof to that effect from the Tax Appraisal District of Williamson County. Before beginning any work, the unlicensed person shall obtain, from the Building Official, a homestead permit to do the work and shall pay the required permit fees. No person who has obtained a homestead permit for a certain location within the preceding 12 months shall be issued a homestead permit at a different location. No person who has obtained a homestead permit shall allow or cause any other person to perform such work under the permit. The Building Official may suspend or revoke a homestead permit under which the above stated work has been performed by anyone other than the person who obtained the permit.

Reason: Often property owners submit for permit to perform plumbing, electrical and mechanical work on rental property that they own. The exemption allows a homeowner to perform this type of work on the property that they own and occupy as a residence, thus prohibiting a property owner from performing work on rental property. This type of work is strictly prohibited by State Laws such as the State Plumbing Law. This provision has been in the City of Georgetown Code of Ordinances since 2000.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC 2015

Chapter 1 - Section 110

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City Of Georgetown

Revise as follows:

Section R110 – ~~CERTIFICATE OF OCCUPANCY~~ Approval for Occupancy

R110.1 Use and Occupancy. No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall be made until the *building official or duly authorized representative* has ~~issued a certificate of occupancy~~ granted approval therefor as provided herein. ~~Issuance of a certificate~~ The granting of approval of for occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the *jurisdiction*. ~~Certificates~~ Approvals presuming to give authority to violate or cancel the provisions of this code or other ordinances of the *jurisdiction* shall not be valid.

Exceptions:

1. ~~Certificates of occupancy~~ Approval for Occupancy are is not required for work exempt from permits under Section R105.2.
2. Accessory buildings or structures.

R110.2 Change in use. Changes in the character or use of an existing structure shall not be made except as specified in Sections 3408 and 3409 of the *International Building Code*.

R110.3 ~~Certificate~~ Approvals for Occupancy issued. After the *building official or duly authorized representative* inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the department of building safety, the *building official or duly authorized representative* shall issue a ~~certificate~~ final approval of for occupancy in the Inspections Services permit and tracking software system which shall contain the following:

1. The building *permit* number.
2. The address of the structure.
3. The name and address of the owner or builder.
4. A description of that portion of the structure for which the ~~certificate~~ approval is issued.
5. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code.
6. The name of the *building official or duly authorized representative*.
7. The edition of the code under which the ~~permanent Certificate of Occupancy~~ approval of occupancy as issued.
8. If an automatic sprinkler system is provided, ~~and whether the sprinkler system is required~~.
9. Any special stipulations and conditions of the building *permit*.

R110.3.1 Issuance of Occupancy Approval. The owner, builder or authorized representative will be notified by the Inspection Services Permit Software system that the approval for occupancy can be obtained from the permit software computer system.

R110.4 Temporary occupancy. The *building official or duly authorized representative* is authorized to issue a temporary ~~certificate of occupancy~~ approval for occupancy before the completion of the entire work covered by the *permit*, provided that such portion or portions shall be occupied safely. The *building official or duly authorized representative* shall set a time period during which the temporary ~~certificate of occupancy~~ approval is valid.

R110.5 Revocation. The *building official or duly authorized representative* shall, in writing, suspend or revoke an ~~certificate of occupancy approval for occupancy~~ issued under the provisions of this code wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.

Reason: The Inspections Services Department does not issue Certificate of Occupancy placards for Single-Family residential structures, unless one is requested. Inspections Services have always issued a "green tag" for final inspection and code approvals, this due to the number of residential structures constructed each year versus the overwhelming workload on staffing.

Inspection Services now has a permit, inspection and tracking computer software system that contains electronic files and permanent records. Upon completion of the project and at final inspection, the owner, builder or authorized representative will be notified that an approval for occupancy can be obtained from that computer software system.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC 2015

Chapter 3 - Section 314

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City Of Georgetown

Revise as follows:

SMOKE ALARMS

R314.3 Location. Smoke alarms shall be installed in the following locations:

1. In each sleeping room.
2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.
3. On each additional *story* of the *dwelling*, including *basements* and habitable attics but not including crawl spaces and uninhabitable *attics*. In *dwelling*s or *dwelling units* with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full *story* below the upper level.
4. Smoke alarms shall not be installed closer than 30 inches to return or recirculating, supply air or mechanical exhaust vents and ducted systems. A door that is located in that 30-inch area shall be considered an opening and the 30 inch measurement shall be taken horizontally in all directions of the return or recirculating, supply air or mechanical exhaust vents and ducted systems.

Reason: If the smoke detector is installed too close to return, recirculated, supply air or mechanical exhaust and duct systems, the reliability of the smoke alarm would be compromised in the event of an emergency alarm.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC 2015
Chapter 4 - Section 401

401.1. 2 (NEW)

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City Of Georgetown

Add requirement as follows:

R 401.1.2 Engineering requirements for residential building foundations. All foundations shall be designed and constructed in accordance with engineering practices and within the scope of this code. Upon completion of the foundation construction or concrete application an engineer's certification shall be required for inspection purposes. The certification shall contain no opinions or disclaimers and shall provide that the foundation was inspected and meets the engineered design, live and dead loading, and soil condition per requirements of the 2015 International Residential Building Code."

Exception: This shall not apply to accessory structures less than 200 square feet and are considered as portable on skids.

Impact of the Health, Safety and Welfare to the public: None

Reason: Soil conditions vary throughout the city. Some areas contain black clay which is very expansive. Therefore, Inspections has required that a structural engineer certify that the foundation has been constructed in accordance with the engineered design, meets the live and dead loading requirements due to the soil conditions of the applicable building code. The field inspectors are not engineers and this is also in the best interest of the builder and the future owner. This has been required for a number of years here in Georgetown and is nothing new to the builders.

As for the exception, the 200 square feet meets the exemption for accessory structures as noted in section 105.2 for permitting. (Keep in mind that these types of structures still have to be permitted due to planning and development requirements.) Anything over the 200 square feet threshold can carry some additional loading.

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IRC 2015

Chapter 34- 43 Part VII

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City Of Georgetown

Delete in its entirety as follows:

Chapter 34-43- Part VIII Electrical

General Requirements This Electrical Part (Chapters 34 through 43) is produced and copyrighted by the National Fire Protection Association (NFPA) and is based on the 2011 *National Electrical Code® (NEC) (NFPA 70-2011)*, copyright 2010, National Fire Protection Association. all rights reserved. Use of the Electrical Part is pursuant to license with the NFPA.

IMPORTANT NOTICE AND DISCLAIMER CONCERNING THE NEC AND THIS ELECTRICAL PART.

This Electrical Part is a compilation of provisions extracted from the 2011 edition of the NEC. The NEC, like all NFPA codes and standards, is developed through a consensus standards development process approved by the American National Standards Institute. This process brings together volunteers representing varied viewpoints and interests to achieve consensus on fire and other safety issues. While the NFPA administers the process and establishes rules to promote fairness in the development of consensus, it does not independently test, evaluate or verify the accuracy of any information or the soundness of any judgments contained in its codes and standards.

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Reason: National Fire Protection (NFPA) 70 requirements of the 2015 International Residential (IRC) reference the 2017 National Electrical Code. We will be proposing the 2017 National Electrical Code (NEC) for code adoption as the electrical code for the City of Georgetown. The 2017 NEC will contain the most up-to-date requirements for all residential and commercial occupancy types.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

EXHIBIT A

Chapter '6.03 Residential Code

Sec. 15,03.010 Residential Code Adopted.

- A. The provisions of the "International Residential Code," 2015 Edition, including Appendixes A,B,C ,D,E,G,H,J,K,M,N and P, with the specific local amendments set forth in this Chapter are hereby adopted. In this Chapter, the 2015 International Residential Code shall be referred to as the "Residential Code" and the Residential Code shall establish regulations affecting or relating to structures, processes, premises and safeguards .
- B. A copy of the Residential Code shall be placed at the Georgetown Public Library on file at the office of the Building Official.

Sec 15 03 020 Section 101.1 Title, amended.

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

101.1 Title. These regulations shall be known as the Residential Code for One- and Two- family Dwellings of the City of Georgetown, Texas hereinafter referred to as "this code."

Sec. 15.03.030 Section 101.2 Scope, amended.

The Residential Code, Section 101.2, Scope is hereby amended to read as follows:

101.2 Scope. The provisions of the *International Residential Code for One- and Two-Family Dwellings* shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one-and two-family dwellings and townhouses not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures*.

Exceptions:

1. Live/work units complying with the requirements of Section 419 of the *International Building Code* shall be permitted to be built as one- and two-family *dwellings* or townhouses. Fire suppression required by Section 419.5 of the *International Building Code* when constructed under the *International Residential Code for One- and Two-family Dwellings* shall conform to Section P2904.

Sec 15 03 040 Section 104.101 Flood hazard areas, amended.

The Residential Code, Section 104.10, Flood hazard areas, is hereby amended to read as follows:

104.10.1 Flood hazard areas. The *building official* shall not grant modifications to any provision related to flood hazard areas as established by Table R3012 (1) without the granting of a variance to such provisions by the board of appeals.

Refer to Title 15, Chapter 15.44, and entitled Flood Damage Prevention of the City of Georgetown Code of Ordinances.

Sec. 15.03.050 Section 105.1.2, Homestead Exemption Permit, added.

The Residential Code, Section 105.1.2, Homestead Exemption Permit, is hereby added to read as follows:

105.12 Homestead Exemption Permit. A person who is not licensed to perform plumbing, electrical and mechanical work may perform such work within dwelling premises, owned by the person, if the person has filed an affidavit with the Building Official stating that the location at which the work is to be performed is the affiant's homestead, intends to occupy the structure and can show proof to that effect from the Tax Appraisal District of Williamson County . Before beginning any work, the unlicensed person shall obtain, from the Building Official, a homestead permit to do the work and shall pay the required permit fees. No person who has obtained and currently holds a homestead exemption permit for a certain location shall be issued an additional homestead exemption permit for a different location unless authorized and at the discretion of the Building Official. No person who has obtained a homestead permit shall allow or cause any other person to perform such work under the permit. The Building Official may suspend or revoke a homestead permit under which the above stated work has been performed by anyone other than the person who obtained the permit.

Sec. 1503.060 Section 105.2, Work exempt from permit, amended.

The Residential Code, Section 105.2, Work exempt from permit, is hereby amended to read as follows:

105.2 Work exempt from permit. Permits shall not be required for the following. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction.

Building:

1. Minor repairs to fences not over 6 feet (1829 mm) high. Up to 25% of the overall contiguous length of a fence shall constitute minor repair.
- 2 Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
- 3 Water tanks supported directly on grade and fully enclosed with a cover **if** the capacity does not exceed 5,000 gallons (18 927L) and the ratio of height to diameter or width does not exceed 2 to 1.
- 4 Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
- 5 Prefabricated swimming pools that are less than 24 inches (610 mm) deep.

- 6 Swings and other playground equipment.
7. Window awnings supported by an exterior wall which do not project more than 54 inches { 1372 mm) from the exterior wall and do not require additional support.

Electrical:

1. Listed cord-and-plug connected temporary decorative lighting.
2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying appliances.
- 2 Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
- 3 Portable-fuel-cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating appliances.
- 2 Portable ventilation appliances.
- 3 Portable cooling units.
- 4 Steam, hot- or chilled-water piping within any heating or cooling equipment regulated by this code.
- 5 Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
- 6 Portable evaporative coolers.
- 7 Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
- 8 Portable-fuel-cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspected made as provided in this code.

The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Sec. 15.03.070 Section 110, Approval of Occupancy, amended.

The Residential Code, Section 1'0 including subsections, Approval of Occupancy, is hereby amended to read as follows:

110.1 Use and Occupancy. No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall be made until the building official or duly authorized representative granted approval therefor as provided herein. The granting of approval for occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Approvals presuming to give authority to violate or cancel the provisions of this code or other ordinances of the jurisdiction shall not be valid.

Exceptions:

1. Approval for Occupancy is not required for work exempt from permits under Section RIOS.2.
2. Accessory buildings or structures.

110.2 Change in use. Changes in the character or use of an existing structure shall not be made except as specified in Sections 3408 and 3409 of the International Building Code.

110.3 Approvals for Occupancy issued. After the building official or duly authorized representative inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the department of building safety, the building official or duly authorized representative shall issue a final approval for occupancy in the Inspections Services permit and tracking software system which shall contain the following:

1. The building permit number.
2. The address of the structure.
3. The name and address of the owner or builder.
4. A description of that portion of the structure for which the approval is issued.
5. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code.
6. The name of the building official or duly authorized representative.
7. The edition of the code under which the permanent approval of occupancy is issued.
8. If an automatic sprinkler system is provided.
9. Any special stipulations and conditions of the building permit.

110.3.1 Issuance of Occupancy Approval, the owner, builder or authorized representative will be notified by the Inspection Services Permit Software system that the approval for occupancy can be obtained from the permit software computer system.

110.4 Temporary occupancy. The building official or duly authorized representative is authorized to issue a temporary approval for occupancy before the completion of the entire work covered by the permit, provided that such portion or portions shall be occupied safely. The building official or duly authorized representative shall set a time period during which the temporary approval is valid.

110.5 Revocation. The building official or duly authorized representative shall, in writing, suspend or revoke an approval for occupancy issued under the provisions of this code wherever the certificates issued in error, or on the basis of incorrect information supplied, or where its determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.

Sec. 15.03.080 Section 112, Building Standards Commission, amended.

The Residential Code, Section 112 and its subsections, Building Standards Commission, is hereby amended to read as follows:

Section 112 Building Standards Commission

112.1 General: In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals Building Standards Commission. The Building Standards Commission shall be appointed by the applicable governing authority and shall hold office at its pleasure. The City Council and Building Standards Commission shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the building official. Any reference made in "this code" to the "Board of Appeals", shall have meaning as the "Building Standards Commission".

112.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

Sec. 15.03.090 Section 113.4, Violation penalties, amended.

The Residential Code, Section 113.4, Violation penalties, is hereby added to read as follows:

113.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Sec. 15.03.100 Section 314.3 Location, amended.

The Residential Code, Section 314.3, Location, is hereby amended to read as follows:

314.3 Location. Smoke alarms shall be installed in the following locations:

1. In each sleeping room.
- 2 Outside each separate sleeping area in the immediate vicinity of the bedrooms.
- 3 On each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.
- 4 Smoke alarms shall not be installed closer than 30 inches to return or recirculating, supply air or mechanical exhaust vents and ducted systems. A door that is located in that 30 inch area shall be considered an opening and the 30 inch measurement shall be taken horizontally in all directions of the return or recirculating, supply air or mechanical exhaust vents and ducted systems.

Sec. 15.03.110 Section 401.1.2, Engineering requirements for building foundations, added.

The Residential Code, Section 401.1.2, Engineering requirements for building foundations, is hereby added to read as follows:

401.1.2 Engineering requirements for residential building foundations. All foundations shall be designed and constructed in accordance with engineering practices and within the scope of this code. Upon completion of the foundation construction or concrete application an engineer's certification shall be required for inspection purposes. The certification shall contain no opinions or disclaimers and shall provide that the foundation was inspected and meets the engineered design, live and dead loading, and soil condition per requirements of the 2015 International Residential Building Code."

Exception: This shall not apply to accessory structures less than 200 square feet and are considered not for habitation.

Sec. 15.03.120 Section G2404, Gas meter locations for accessible and acceptable locations, added.

The Residential Code, Section G2404, Gas meter locations for accessible and acceptable locations, is hereby added to read as follows:

G2404 (301.4) Gas meter locations for accessible and acceptable locations. A gas service meter location, when required, shall be provided for the building or premises to be served as provided for in this section. The location of the meter and connections shall be easily accessible for reading, repair and replacement. The location, space requirements, dimensions and type of installation shall meet the requirements of the serving utility provider and a minimum of 3 feet shall be maintained from any operable window in a sleeping room and from any open flame or ignition source, including electrical panels with disconnecting means."

Sec. 15.03.130 Part VII- Electrical, Chapters 34 through 43, deleted.

The Residential Code, Part VII - Electrical, Chapters 34 through 43, are hereby deleted.

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Plumbing Code and the amendments. – Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Plumbing Code and the amendments. A copy of the book will be available at the meeting for review; see below for a link to the code book. See attached for amendment recommendations.

<https://up.codes/viewer/texas/ipc-2015>

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 Amendments for the 2015 International Plumbing Code	Cover Memo

Code: IPC-2015

[A] 101.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 101.1 Title. These regulations shall be known as the *International Plumbing Code* of City of Georgetown, Texas hereafter referred to as "this code."

Reason: The purpose of this section is to identify the IPC is adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Chapter 1 - Section 108

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 108.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Reason: The violation penalties are outlined in Section 1.08.010 and entitled "General Penalty" of the City of Georgetown Code of Ordinances and shall take precedence over this section.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost to construction associated with this revision.

Chapter 1 - Section 109

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise, add and delete as follows:

Section 109 - Means of Appeal.

[A] 109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the ~~board of appeals, Building Standards Commission.~~ An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the code official within ~~20~~ 90 days after the notice was served.

[A] 109.1.2 Chapter 2.64. Building Standards Commission. Refer to Chapter 2.64 of the City of Georgetown Code of Ordinances for commission related to membership, appeals, hearings and policies as set forth by the City Council.

~~**[A] 109.2 Membership of board.** The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years, one for 4 years, one for 3 years, one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.~~

~~**[A] 109.2.1 Qualifications.** The board of appeals shall consist of five individuals, one from each of the following professions or disciplines:~~

~~1. Registered design professional who is a registered architect; or a builder or superintendent of building construction with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~2. Registered design professional with structural engineering or architectural experience.~~

~~3. Registered design professional with mechanical and plumbing engineering experience; or a mechanical and plumbing contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work~~

~~4. Registered design professional with electrical engineering experience; or an electrical contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~5. Registered design professional with fire protection engineering experience; or a fire protection contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~**[A] 109.2.2 Alternate members.** The chief appointing authority shall appoint two alternate members who shall be called by the board chairman to hear appeals during the absence or disqualification of a member. Alternate members shall possess the qualifications required for board membership and shall be appointed for 5 years or until a successor has been appointed.~~

~~**[A] 109.2.3 Chairman.** The board shall annually select one of its members to serve as chairman.~~

~~**[A] 109.2.4 Disqualification of member.** A member shall not hear an appeal in which that member has any personal, professional or financial interest.~~

~~**[A] 109.2.5 Secretary.** The chief administrative officer shall designate a qualified clerk to serve as secretary to the board. The secretary shall file a detailed record of all proceedings in the office of the chief administrative officer.~~

~~**[A] 109.2.6 Compensation of members.** Compensation of members shall be determined by law.~~

~~**[A] 109.3 Notice of meeting.** The board shall meet upon notice from the chairman, within 10 days of the filing of an appeal or at stated periodic meetings.~~

~~**[A] 109.4 Open hearing.** All hearings before the board shall be open to the public. The appellant, the appellant's representative, the code official and any person whose interests are affected shall be given an opportunity to be heard.~~

[A] 109.4.1 Procedure. The board shall adopt and make available to the public through the secretary procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

[A] 109.5 Postponed hearing. When five members are not present to hear an appeal, either the appellant or the appellant's representative shall have the right to request a postponement of the hearing.

[A] 109.6 Board decision. The board shall modify or reverse the decision of the code official by a concurring vote of three members.

[A] 109.6.1 Resolution. The decision of the board shall be by resolution. Certified copies shall be furnished to the appellant and to the code official.

[A] 109.6.2 Administration. The code official shall take immediate action in accordance with the decision of the board.

[A] 109.7 Court review. Any person, whether or not a previous party of the appeal, shall have the right to apply to the appropriate court for a writ of certiorari to correct errors of law. Application for review shall be made in the manner and time required by law following the filing of the decision in the office of the chief administrative officer.

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The City Council has enacted ordinances that determine the membership of the board, qualifications and procedures. This code change proposal establishes the referenced name given to the board of appeals appointed by the governing body.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Appendix F

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Revise section title as follows:

APPENDIX F

STRUCTURAL SAFETY

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.

SECTION F101

CUTTING, NOTCHING AND BORING IN WOOD AND STEEL MEMBERS

IBI F101.1 Joist notching. Notches on the ends of joists shall not exceed one-fourth the joist depth. Holes bored in joists shall not be within 2 inches (51 mm) of the top or bottom of the joist and the diameter of any such hole shall not exceed one-third the depth of the joist. Notches in the top or bottom of joists shall not exceed one sixth the depth and shall not be located in the middle third of the span.

IBI F101.2 Stud cutting and notching. In exterior walls and bearing partitions, any wood stud is permitted to be cut or notched to a depth not exceeding 25 percent of its width. Cutting or notching of studs to a depth not greater than 40 percent of the width of the stud is permitted in nonbearing partitions supporting no loads other than the weight of the partition.

IBI F101.3 Bored holes. A hole not greater in diameter than 40 percent of the stud width is permitted to be bored in any wood stud. Bored holes not greater than 60 percent of the widths of the stud are permitted in nonbearing partitions or in any wall where each bored stud is doubled, provided not more than two such successive doubled studs are so bored. In no case shall the edge of the bored hole be nearer than 0.625 inch (15.9 mm) to the edge of the stud. Bored holes shall not be located at the same section of stud as a cut or notch.

IBI F101.4 Cutting, notching and boring holes in structural steel framing. The cutting, notching and boring of holes in structural steel framing members shall be as prescribed by the registered design professional.

IBI F101.5 Cutting, notching and boring holes in cold-formed steel framing. Flanges and lips of load-bearing cold-formed steel framing members shall not be cut or notched. Holes in webs of load-bearing cold-formed steel framing members shall be permitted along the centerline of the web of the framing member and shall not exceed the dimensional limitations, penetration spacing, or minimum hole edge distance as prescribed by the registered design professional. Cutting, notching and boring holes of steel floor /roof decking shall be as prescribed by the registered design professional.

IBI F101.6 Cutting, notching and boring holes in nonstructural cold-formed steel wall framing. Flanges and lips of nonstructural cold-formed steel wall studs shall not be cut or notched. Holes in webs of nonstructural cold-formed steel wall studs shall be permitted along the centerline of the web of the framing member, shall not exceed 1 1/8 inches (38 mm) in width or 4 inches (102 mm) in length, and the holes shall not be spaced less than 24 inches (610 mm) center to center from another hole or less than 10 inches (254 mm) from the bearing end.

Reason: This is simply a title change to the section. The text contained requirements for steel members, however the title did not. This will provide clarification to the intended users. This is a revision requested by the Building Standards Commission.

Cost Impact: There is no cost associated with this revision.

[A] 106.1.2

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Add text as follows:

[A] 106.1.2 - Licensed master plumbers. Every master plumber doing business in the City of Georgetown, Texas shall deliver a current, unexpired copy of the required State of Texas Master Plumbers license and a copy of current liability insurance for filing and record prior to the issuance of a plumbing permit

Reason: To ensure that permits are issued to those individuals that currently hold a license as issued by the Texas State Board of Plumbing Examiners and can implement and follow the applications of the adopted plumbing code.

Cost Impact: There is no cost associated with this revision.

306.1.2

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Add text as follows:

306.1.2 Street openings. -

A. All repairs and plans of proposed work shall be reviewed and inspected by the City of Georgetown Transportation Services Department.

B. All openings made in the public streets or alleys to install plumbing must be made as carefully as possible and all materials excavated from the trenches shall be removed or placed where the least inconvenience to the public will be caused.

C. All openings must be replaced in precisely the same condition as before the excavation started and all rubbish and materials must be removed at once, leaving the street ~~or~~ and sidewalks clean and in perfect repair.

D. All openings shall be marked with sufficient barriers. Flares or red lamps shall be maintained around the opening at night and all other precautions shall be taken by the plumber or excavator to protect the public from damage to person or property.

Reason: To ensure that the public is protected from hazards in the rights-of-way and that the integrity of the rights-of-ways or maintained.

Cost Impact: There is no cost associated with this revision.

EXHIBIT A

Chapter 15.12 Plumbing Code

Sec. 15.12 .010 Plumbing Code Adopted

- A. The provisions of the "International Plumbing Code," 2015 Edition, with the specific local amendments set forth in this Chapter are hereby adopted. In this Chapter, the 2015 International Plumbing Code shall be referred to as the "Plumbing Code" and the Plumbing Code shall establish regulations affecting or relating to structures, processes, premises and safeguards.
- B. A copy of the Plumbing Code shall be placed at the Georgetown Public Library on file at the office of the Plumbing Official.

Sec. 15.12.020 Section 101.1, Title, amended

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

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

Sec. 15.12 .030 Subsection 106.1.2, Licensed master plumbers, added.

The Plumbing Code, Subsection 106.1.2, Licensed master plumbers, is hereby added to read as follows:

106.1.2 - Licensed master plumbers. Every master plumber doing business in the City of Georgetown, Texas shall deliver a current, unexpired copy of the required State of Texas Master Plumbers license and a copy of current liability insurance for filing and record prior to the issuance of a plumbing permit.

Sec. 15.12 .040 Section 108.4 Violation penalties, amended.

The Plumbing Code, Section 108.4, Violation penalties is hereby amended to read as follows:

108.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances

Sec. 15.12.050 Section 109, Means of Appeal, amended.

The Plumbing Code, Section 109, Means of Appeal, is hereby amended to read as follows:

Section 109 - Means of Appeal.

109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the Building Standards Commission. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the code official within 90 days after the notice was served.

109.1.2 Chapter 2.64. Building Standards Commission. Refer to Chapter 2.64 of the City of Georgetown Code of Ordinances for commission related to membership, appeals, hearings and policies as set forth by the City Council.

Sec. 15.12.060 Section 306.1.2, Street openings, added.

The Plumbing Code, Section 306.1.2, Street openings, is hereby added to read as follows:

306.1.2 Street openings. -

A All repairs and plans of proposed work shall be reviewed and inspected by the City of Georgetown Transportation Services Department.

B. All openings made in the public streets or alleys to install plumbing must be made as carefully as possible and all materials excavated from the trenches shall be removed or placed where the least inconvenience to the public will be caused.

C. All openings must be replaced in precisely the same condition as before the excavation started and all rubbish and materials must be removed at once, leaving the street and sidewalks clean and in perfect repair.

D. All openings shall be marked with sufficient barriers. Flares or red lamps shall be maintained around the opening at night and all other precautions shall be taken by the plumber or excavator to protect the public from damage to person or property.

Sec. 15.12.070 Section F101, Cutting, Notching and Boring in Wood and Steel members

The Plumbing Code, Appendix F Section F101, Cutting, Notching and Boring in Wood and Steel members is hereby amended to read as follows:

SECTION F101

CUTTING, NOTCHING AND BORING IN WOOD AND STEEL MEMBERS

[BJ F101.1 Joist notching. Notches on the ends of joists shall not exceed one-fourth the joist depth. Holes bored in joists shall not be within 2 inches (51 mm) of the top or bottom of the joist and the diameter of any such hole shall not exceed one-third the depth of the joist. Notches in the top or bottom of joists shall not exceed one sixth the depth and shall not be located in the middle third of the span.

[BJ F101.2 Stud cutting and notching. In exterior walls and bearing partitions, a wood stud is permitted to be cut or notched to a depth not exceeding 25 percent of its width. Cutting or notching of studs to a depth not greater than 40 percent of the width of the stud is permitted in nonbearing partitions supporting no loads other than the weight of the partition.

[BJ F101.3 Bored holes. A hole not greater in diameter than 40 percent of the stud width is permitted to be bored in any wood stud. Bored holes not greater than 60 percent of the widths of the stud are permitted in nonbearing partitions or in any wall where each bored stud is doubled, provided not more than two such successive doubled studs are so bored. In no case shall the edge of the bored hole be nearer than 0.625 inch (15.9 mm) to the edge of the stud. Bored holes shall not be located at the same section of stud as a cut or notch.

[BJ F101.4 Cutting, notching and boring holes in structural

steel framing. The cutting, notching and boring of holes in structural steel framing members shall be as prescribed by the registered design professional.

[BJ F101.5 Cutting, notching and boring holes in cold-formed

steel framing. Flanges and lips of load-bearing cold-formed steel framing members shall not be cut or notched. Holes in webs of load-bearing cold-formed steel framing members shall be permitted along the centerline of the web of the framing member and shall not exceed the dimensional limitations, penetration spacing or minimum hole edge distance as prescribed by the registered design professional. Cutting, notching and boring holes of steel floor/roof decking shall be as prescribed by the registered design professional.

[BJ F101.6 Cutting, notching and boring holes in nonstructural

cold-formed steel wall framing. Flanges and lips of nonstructural cold-formed steel wall studs shall not be cut or notched. Holes in webs of nonstructural cold-formed steel wall studs shall be permitted along the centerline of the web of the framing member, shall not exceed 1½ inches (38 mm) in width or 4 inches (102 mm) in length, and the holes shall not be spaced less than 24 inches (610 mm) center to center from another hole or less than 10 inches (254 mm) from the bearing end

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Mechanical Code and the amendments.- Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Mechanical Code and the amendments. A copy of the book will be available at the meeting for review; see below for a link to the code book. See attached for amendment recommendations.

<https://up.codes/viewer/texas/imc-2015>

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 Amendments for the 2015 International Mechanical Code	Cover Memo

Code: IMC-2015

[A] 101.1

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, Tx

Revise as follows:

[A] 101.1 Title. These regulations shall be known as the *International Mechanical Code* of **City of Georgetown, Texas** hereafter referred to as "this code."

Reason: The purpose of this section is to identify the IMC is adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IMC-2015

Chapter 1 - Section 108

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, Tx.

Revise as follows:

[A] 108.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Reason: The violation penalties are outlined in Section 1.08.010 and entitled "General Penalty" of the City of Georgetown Code of Ordinances and shall take precedence over this section.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost to construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IMC-2015

Chapter 1 - Section 109

Proponent: Glen Holcomb, Building Official, Inspection Services - representing City of Georgetown, TX

Delete and revise as follows:

Section 109 - Means of Appeal.

[A] 109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the ~~board of appeals.~~ Building Standards Commission. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the code official within ~~20~~ 90 days after the notice was served.

~~**[A] 109.1.2 Chapter 2.64. Building Standards Commission.** Refer to Chapter 2.64 of the City of Georgetown Code of Ordinances for commission related to membership, appeals, hearings and policies as set forth by the City Council.~~

~~**[A] 109.2 Membership of board.** The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years, one for 4 years, one for 3 years, one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.~~

~~**[A] 109.2.1 Qualifications.** The board of appeals shall consist of five individuals, one from each of the following professions or disciplines:~~

~~1. Registered design professional who is a registered architect; or a builder or superintendent of building construction with at least 10 years' experience 5 years of which shall have been in responsible charge of work.~~

~~2. Registered design professional with structural engineering or architectural experience.~~

~~3. Registered design professional with mechanical and plumbing engineering experience; or a mechanical and plumbing contractor with at least 10 years' experience 5 years of which shall have been in responsible charge of work.~~

~~4. Registered design professional with electrical engineering experience; or an electrical contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~5. Registered design professional with fire protection engineering experience; or a fire protection contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~**[A] 109.2.2 Alternate members.** The chief appointing authority shall appoint two alternate members who shall be called by the board chairman to hear appeals during the absence or disqualification of a member. Alternate members shall possess the qualifications required for board membership and shall be appointed for 5 years or until a successor has been appointed.~~

~~**[A] 109.2.3 Chairman.** The board shall annually select one of its members to serve as chairman.~~

~~**[A] 109.2.4 Disqualification of member.** A member shall not hear an appeal in which that member has any personal, professional or financial interest.~~

~~**[A] 109.2.5 Secretary.** The chief administrative officer shall designate a qualified clerk to serve as secretary to the board. The secretary shall file a detailed record of all proceedings in the office of the chief administrative officer.~~

~~**[A] 109.2.6 Compensation of members.** Compensation of members shall be determined by law.~~

~~**[A] 109.3 Notice of meeting.** The board shall meet upon notice from the chairman, within 10 days of the filing of an appeal or at stated periodic meetings.~~

~~[ft.] 109.4 Open hearing.~~ All hearings before the board shall be open to the public. The appellant, the appellant's representative,

~~the code official and any person whose interests are affected shall be given an opportunity to be heard.~~

~~[ft.] 109.4.1 Procedure.~~ The board shall adopt and make available to the public through the secretary procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence, but shall mandate that only relevant information be received

~~[ft.] 109.5 Postponed hearing.~~ When five members are not present to hear an appeal, either the appellant or the appellant's representative shall have the right to request a postponement of the hearing.

~~[ft.] 10-9.6 Board decision.~~ The board shall modify or reverse the decision of the code official by a concurring vote of three members.

~~[ft.] 109.6.1 Resolution.~~ The decision of the board shall be by resolution. Certified copies shall be furnished to the appellant and to the code official.

~~[ft.] 109.6.2 Administration.~~ The code official shall take immediate action in accordance with the decision of the board.

~~[A] 109.7 Court review.~~ Any person, whether or not a previous party of the appeal, shall have the right to apply to the appropriate court for a writ of certiorari to correct errors of law. Application for review shall be made in the manner and time required by law following the filing of the decision in the office of the chief administrative officer.

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The City Council has enacted ordinances that determine the membership of the board, qualifications and procedures. This code change proposal establishes the referenced name given to the board of appeals appointed by the governing body.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

EXHIBIT A

Chapter 15.08 Mechanical Code

Sec. 15.08.010 Mechanical Code Adopted

- A. The provisions of the "International Mechanical Code," 2015 Edition, with the specific local amendments set forth in this Chapter are hereby adopted. In this Chapter, the 2015 International Mechanical Code shall be referred to as the "Mechanical Code" and the Mechanical Code shall establish regulations affecting or relating to structures, processes, premises and safeguards.
- B. A copy of the Mechanical Code shall be placed at the Georgetown Public Library on file at the office of the Building Official.

Sec. 15.08.020 Section 101.1, Title, amended

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

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

Sec. 15.08.030 Section 108.4, Violation penalties, amended.

The Mechanical Code, Section 108.4, Violation penalties is hereby amended to read as follows:

[A] 108.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Sec. 15.08.040 Section 109, Means of appeal, amended.

The Mechanical Code, Section 109, Means of appeal, is hereby amended to read as follows:

[A] 109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the Building Standards Commission. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the code official within 90 days after the notice was served.

[A] 109.1.2 Chapter 2.64. Building Standards Commission. Refer to Chapter 2.64 of the City of Georgetown Code of Ordinances for commission related to membership, appeals, hearings and policies as set forth by the City Council.

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Fuel Gas Code and the amendments. – Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Fuel Gas Code and the amendments. A copy of the book will be available at the meeting for review; see below for a link to the code book. See attached for amendment recommendations.

<https://up.codes/viewer/texas/ifgc-2015>

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description		Type
Amendments for the 2015 Fuel Gas Code		Cover Memo



Code: IFGC-2015

[A] 101.1

Proponent: Glen Holcomb Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 101.1 Title. These regulations shall be known as the *International Fuel Gas Code* of **City of Georgetown, Texas** hereafter referred to as "this code."

Reason: The purpose of this section is to identify the IFGC is adopted regulations by inserting the name of the adopting jurisdiction into the code.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IFGC-2015

Chapter 1 - Section 108

Proponent: Glen Holcomb Building Official, Inspection Services - representing City of Georgetown, TX

Revise as follows:

[A] 108.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Reason: The violation penalties are outlined in Section 1.08.010 and entitled "General Penalty" of the City of Georgetown Code of Ordinances and shall take precedence over this section.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost to construction associated with this revision.

Public Hearing: Commission: AS AM D

Code: IFGC-2015

Chapter 1 - Section 109

Proponent: Glen Holcomb Building Official, Inspection Services - representing City of Georgetown, TX

Delete and revise as follows:

Section 109 - Means of Appeal.

[A] 109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the ~~board of appeals.~~ Building Standards Commission. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the code official within 2-G 90 days after the notice was served.

[A] 109.1.2 Chapter 2.64. Building Standards Commission. Refer to Chapter 2.64 of the City of Georgetown Code of Ordinances for commission related to membership. ~~appeals. hearings and policies as set forth by the City Council.~~

[A] 109.2 Membership of board. ~~The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years, one for 4 years, one for 3 years, one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.~~

[A] 109.2.1 Qualifications. ~~The board of appeals shall consist of five individuals, one from each of the following professions or disciplines:~~

~~1. Registered design professional who is a registered architect; or a builder or superintendent of building construction with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~2. Registered design professional with structural engineering or architectural experience.~~

~~3. Registered design professional with mechanical and plumbing engineering experience; or a mechanical and plumbing contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~4. Registered design professional with electrical engineering experience; or an electrical contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of work.~~

~~5. Registered design professional with fire protection engineering experience; or a fire protection contractor with at least 10 years' experience, 5 years of which shall have been in responsible charge of~~

[A] 109.2.2 Alternate members. ~~The chief appointing authority shall appoint two alternate members who shall be called by the board chairman to hear appeals during the absence or disqualification of a member. Alternate members shall possess the qualifications required for board membership and shall be appointed for 5 years or until a successor has been appointed.~~

[A] 109.2.3 Chairman. ~~The board shall annually select one of its members to serve as chairman.~~

[A] 109.2.4 Disqualification of member. ~~A member shall not hear an appeal in which that member has any personal, professional or financial interest.~~

[A] 109.2.5 Secretary. ~~The chief administrative officer shall designate a qualified clerk to serve as secretary to the board. The secretary shall file a detailed record of all proceedings in the office of the chief administrative officer.~~

[A] 109.2.6 Compensation of members. ~~Compensation of members shall be determined by law.~~

[A] 109.3 Notice of meeting. ~~The board shall meet upon notice from the chairman, within 10 days of the filing of an appeal or at stated periodic meetings.~~

[A] 109.4 Open hearing. ~~All hearings before the board shall be open to the public. The appellant, the appellant's representative.~~

the code official and any person whose interests are affected shall be given an opportunity to be heard.

~~[A] 109.4.1 Procedure.~~ The board shall adopt and make available to the public through the secretary procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

~~[A] 109.5 Postponed hearing.~~ When five members are not present to hear an appeal, either the appellant or the appellant's representative shall have the right to request a postponement of the hearing.

~~[A] 109.6 Board decision.~~ The board shall modify or reverse the decision of the code official by a concurring vote of three members.

~~[A] 109.6.1 Resolution.~~ The decision of the board shall be by resolution. Certified copies shall be furnished to the appellant and to the code official.

~~[A] 109.6.2 Administration.~~ The code official shall take immediate action in accordance with the decision of the board.

~~[A] 109.7 Court review.~~ Any person, whether or not a previous party of the appeal, shall have the right to apply to the appropriate court for a writ of certiorari to correct errors of law. Application for review shall be made in the manner and time required by law following the filing of the decision in the office of the chief administrative officer.

Reason: The City of Georgetown has a Building Standards Commission enacted that hears and decides appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code. The City Council has enacted ordinances that determine the membership of the board, qualifications and procedures. This code change proposal establishes the referenced name given to the board of appeals appointed by the governing body.

Impact of the Health, Safety and Welfare to the public: None

Cost Impact: There is no cost of construction associated with this deletion.

Public Hearing: Commission: AS AM D

EXHIBIT A

Chapter 15.20 Fuel Gas Code

Sec. 15.20.010 Fuel Gas Code Adopted

- A. The provisions of the "International Fuel Gas Code," 2015 Edition, with the specific local amendments set forth in this Chapter are hereby adopted. In this Chapter, the 2015 International Fuel Gas Code shall be referred to as the "Fuel Gas Code" and the Fuel Gas Code shall establish regulations affecting or relating to structures, processes, premises and safeguards.
- B. A copy of the Fuel Gas Code shall be placed at the Georgetown Public Library on file at the office of the Building Official.

Sec. 15.20.020 Section 101.1, Title, amended

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

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

Sec. 15.20.030 Section 108.4 Violation penalties, amended.

The Fuel Gas Code, Section 108.4, Violation penalties, is hereby amended to read as follows:

108.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law. Any person violating any provision of this code or chapter is subject to punishment as provided in Section 1.08.010 and entitled General Penalty of the Georgetown Code of Ordinances.

Sec. 15.20.040 Section 109, Means of Appeal, amended

The Fuel Gas Code, Section 109, Means of Appeal, is hereby amended to read as follows:

Section 109 - Means of Appeal.

[A] 109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the Building Standards Commission. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or

better form of construction is proposed. The application shall be filed on a form obtained from the code official within 90 days after the notice was served.

[A] 109.1.2 Chapter 2.64. Building Standards Commission. Refer to Chapter 2.64 of the City of Georgetown Code of Ordinances for commission related to membership, appeals, hearings and policies as set forth by the City Council.

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2017 National Electrical Code and the amendments.

– Glen Holcomb, Building Official.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2017 National Electrical Code and the amendments. A copy of the book will be available at the meeting for review. See attached for amendment recommendations.

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 2017 National Electrical Code Amendments	Cover Memo

CHAPTER 15.16. - ELECTRICAL CODE^[9]

Footnotes:

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Editor's note— Ord. No. 20174-67, § 3(Exh. A), adopted September 23, 20174, amended Chapter 15.16 in its entirety to read as herein set out. Formerly, Chapter 15.16, §§ 15.16.005—15.16.590, pertained to similar subject matter, and derived from Ord. No. 2006-75, § 4(Exh. A). —Section 4 of Ord. No. 20174-67 states the following: "All projects that are under construction and all projects with 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 15.16 and shall not be required to meet the requirements of the 20174 National Electrical Code. All permit applications submitted on or after the Effective Date of this Ordinance shall comply with the terms of Chapter 15.16 as amended by this Ordinance in its entirety."

ARTICLE I. - GENERAL

Sec. 15.16.005. - Purpose and adoption of 20174 National Electrical Code.

The purpose of this Chapter to assist in safeguarding persons and property from hazards arising from the use of electricity. Except as otherwise specifically provided, all references to the term "Code" in this Chapter 15.16 shall be to the NFPA 70, 20174 National Electrical Code, published by the National Fire Protection Association, which is hereby adopted by reference as if set forth in whole except as otherwise specifically stated herein, and including the provisions of that Code pertaining to the registration with the City of Georgetown of the required State of Texas Electrical License for the protection of the public.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.010. - Enforcement of code provisions.

Article 90 of the Code, Introduction, is specifically adopted by the City. The administration and enforcement of this Chapter shall primarily devolve upon the City Building Official or his/her representative. They shall have the right to inspect and enter upon all premises and surrounding property and the public as a whole when applying current state law allowing right of entry. The Police Department, City Electrical Department and the Fire Department shall also be charged with the enforcement of this Chapter and shall, so far as possible, act to enforce this Chapter.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.020. - Appeals Board.

The Building Standards Commission shall be the appeals board for matters relating to interpretation and enforcement of the Code and to licensing registration. The Building Standards Commission will also consider appeals of any decisions made by a City Inspector in accordance with the By-Laws of the Building Standards Commission. The Building Standards Commission shall perform its duties in accordance with all applicable laws, including without limitation those ordinances and bylaws pertaining to the Building Standards Commission adopted and/or approved by the City Council.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.15.030. - Penalty for violation of Chapter.

Any person who shall violate any of the provisions of this Chapter or who shall fail to comply with the requirements of this Chapter shall be deemed guilty of a misdemeanor. Each and every day's continuance of any violation of the provisions of this Chapter shall constitute and be deemed a separate offense. In case of any such corporation, the officers and agents, and person or persons actually performing the work for such corporation shall be subject to the penalties herein provided. Any person violating any provision of this Chapter or the Code as adopted is subject to punishment as provided in Section 1.08.010 of the City of Georgetown Code of Ordinances.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.040. - Licenses—Registrations, permits required.

No person shall enter upon the erecting, construction, alteration or change of any electrical installation, work, wiring or fitting or electrical machinery covered by this Chapter until such person shall have first secured all necessary State of Texas license registration and permits as required by this Chapter.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.050. - Supervision of placement of wires, etc.

The City Electrical Department or a regular franchised utility company, is hereby authorized, empowered, and directed to have general supervision over the placing, stringing or attaching of telegraph, telephone, electric light or other wires and cables, and the placing of all poles and appliances, within their own system, so as to prevent fires, accident or injury to persons or property; to cause all such wires and electric lights to be so placed, constructed, and guarded as not to cause fire, accident, or endanger the life or property of any inhabitant of the city; and all such lights and wires or electrical apparatus now existing, as well as those hereafter constructed and placed, shall be subject to such supervision.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.060. - When wire is to be disconnected.

- A. In time of fire, severe weather conditions, or other emergency, where in the safety of lives or property may be endangered by the continued operation of electrical service wires or apparatus providing electrical current, such may be ordered disconnected by the City Electrical Department, the Mayor, the City Manager, Fire Chief, Emergency Operation Coordinator, the Building Official, the Inspection Services Staff or the Chief of Police. Any such order shall be binding on every person owning or controlling such wire or apparatus and such wires or apparatus as may be designated by any of the above authorized officials shall be promptly disconnected and left disconnected until authorization from the City Building Official or designee is given to the electrical utility company for reconnection.
- B. The City Utility Department shall request the electrical service to be disconnected from any building and/or premises, except private residences and/or apartment buildings used as residences, each time such buildings or premises have a change of occupants and shall not be reconnected until authorized by the City Building Official or designee.
- C. The City Utility Billing Department shall request the electrical service be disconnected for private residences and/or apartment buildings when the occupant or owner, or the City Building Official or designee requests such action. The utility company shall not again supply electricity to such residence and/or apartment building until authorized to do so by the City Building Official or designee.

D. The owners and/or the new occupants of such disconnected buildings and/or premises shall make application to the City Building Official or designee for the inspection. The fee for such inspection shall be set by the City Council. The electrical inspector shall make the inspection as soon as practicable, exclusive of Saturdays, Sundays, and holidays, after such application is made.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.070. - Reserved.

ARTICLE II. - STATE OF TEXAS LICENSE REGISTRATION

Sec. 15.16.080. - Definition.

For the purpose of this Chapter, the "Commission" shall mean the Building Standards Commission of the City of Georgetown.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.090. - Reserved.

Sec. 15.16.100. - Categories of electricians.

The City of Georgetown recognizes the same categories of electricians as the State of Texas as set forth in Chapter 1305 of the Texas Occupations Code.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.110. - Supervision.

All work shall be done under the general supervision of a licensed Master Electrician.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.120. - Qualifications—Requirements for registration of State licenses.

Any person meeting the requirements of the State of Texas for a particular category of license and possessing a valid license issued by the State of Texas shall be qualified to register that license in the City of Georgetown.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.130. - Reserved.

Sec. 15.16.140. - Examinations of electricians.

Examinations will be conducted by the State of Texas in accordance with the Texas Electrical Safety and License Act.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.150. - Reserved.

Sec. 15.16.160. - Registration and fees.

A. All electricians will register with the City of Georgetown at the Building Office prior to commencing any work. Every application shall show a valid State of Texas Driver's License Number, and provide the full name, date of birth, weight, height, color of eyes, color of hair, gender, residence address, business address, and a photo ID of the applicant issued by a government agency. The applicant shall be required to have his/her license and registration in his/her possession at all times while on the job.

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B. Registrations to be issued under the provisions of this article shall be issued only after the payment and collection of the following fees:

CLASS	ORIGINAL AND RENEWAL FEE	ORIGINAL FEE FROM JUNE—DEC.
Electrical Contractor	\$150.00	\$75.00
Electrical Sign Contractor	\$150.00	
Master Electrician	\$75.00	
Journeyman Electrician	\$25.00	
Residential Wireman (Restricted)	\$25.00	
Journeyman Sign Electrician	\$25.00	
Building Maintenance Electrician	\$25.00	
Apprentice Electrician	\$25.00	

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(Ord. No. 20174-67, § 3(Exh. A))

Secs. 15.16.170, 15.16.180. - Reserved.

Sec. 15.16.190. - ~~Reserved~~Renewal of City registration.

A. Each registrant under the provisions of this article shall be entitled to renew his/her City Registration of his/her State of Texas Electrical License upon the payment of the renewal fee set forth above, provided such payment is made on or before the expiration date. Renewals shall be made every two years with City License registration expiring on December the 31st of that two-year period.

~~B. If a registrant permits his/her registration to expire, license registration can be obtained by paying twice the amount of an original registration fee. The electrician shall meet the requirements of the Continuing Education requirement in the Texas Electrical, Safety and Licensing Act and provide proof at renewal. All State License shall be current at the time of renewal.~~

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.200. - Transfer.

It is unlawful for any person to transfer his/her electrician's State of Texas license or City of Georgetown registration to allow the use of this license directly or indirectly by another person for the purpose of obtaining a permit to do electrical work. It is unlawful for any person not holding a State of Texas license or City of Georgetown registration to use the same of another, for purpose of doing electrical work or securing a permit to do electrical work.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.210. - Reserved.

Sec. 15.16.220. - Revocation of registration.

- A. An electrical registration of any class issued by the City under the provisions of this Chapter may be suspended or revoked upon the unanimous decision of the Commission.
- B. Registrations may be suspended or revoked should the holder violate any provisions of the Code as adopted, State Law or City Ordinance or regulation relating to or governing electrical wiring, repairing or construction. In the event termination of a suspension or revocation of an electrical license registration should fall within the next registering year, ~~the electrician shall be required to pay for that new registration in full.~~
- C. No registration shall be suspended or revoked unless the registrant shall have been given an opportunity to appear and be heard by the Commission. The registrant shall have at least ten days written notice specifying the reason(s) for suspension or revocation.
- D. Certain Acts Prohibited. It shall be a violation of this Code for any person:
 - 1. To display, permit to be displayed or to have in one's possession, any instrument purporting to be a registrant issued pursuant to this Code and the State of Texas license, knowing such instrument to be fictitious, canceled, suspended, revoked or altered.
 - 2. To knowingly lend, transfer or permit the use of any registration for the purpose of performing or obtaining a permit for electrical work, to any person not entitled thereto under the provisions of this Code or the State of Texas.
 - 3. To fail or refuse to surrender to the City Building Official or designee, on demand, an electrician's registration, which has been canceled, suspended, revoked or altered as provided by law.
 - 4. To apply for, or have in one's possession, more than one current license of the same type provided for in this Code or the State of Texas.
 - 5. To use a false or fictitious name or address in any registration application, renewal, or duplicate request, or knowingly make a false statement, conceal a material fact or otherwise commit fraud in making said application, renewal or duplicate request.
 - 6. To employ as a Master, Journeyman, or Apprentice Electrician any person not then licensed as provided in this Code or the State of Texas.

7. To perform any electrical work requiring a State of Texas license or City of Georgetown registration, without said license/and or City registration or while said license is suspended or canceled.
8. To perform electrical work in any manner in violation of any restrictions imposed on a licensee.
9. To perform electrical work as a Journeyman or Apprentice Electrician on a job while not employed under the supervision of the Master Electrician of record of said job.
10. To fail to request a final inspection upon completion of all electrical wiring and installation requiring a permit.
11. To use a Contractors License to secure a permit while not a Master Electrician or having a Master employed by the person holding the Contractors License.
12. To perform electrical work as a licensed electrician or person for hire on any job permitted under a home owners permit or to secure a home owners permit and then allow someone else to perform the work.

(Ord. No. 20174-67, § 3(Exh. A))

Secs. 15.16.230, 15.16.240. - Reserved.

Sec. 15.16.250. - Suspension/penalties.

- A. The registration of any person may be suspended upon determination by the Commission that said registrant has committed any of the following offenses:
 1. Taking out a permit in the name of person authorized to do the electrical work and thereafter permitting a person not authorized by this Code to perform the electrical work.
 2. Tampering with, diverting from or in any way interfering with the proper action or registration of any electric meter.
 3. Violating any provision of this Code, State law, City Ordinance or regulation relating to or governing electrical wiring, repairing, or construction while on probation imposed by the Commission.
 4. Violating a term of probation or suspension.
- B. Suspension provided for in this Code shall in the first instance be for a period of up to six months. For subsequent offenses said suspension shall be for a period of up to one year.
- C. The suspension of any registration may be extended for a like period as the original suspension upon a final determination by the Commission that a registrant has been performing electrical work while his/her registration is suspended. Said suspension extension may be in addition to any other penalty assessed, as provided in this Code.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.260. - Surrender and return of registration.

Any registration which has been suspended pursuant to this Code shall be surrendered to and retained by the City Building Official or designee. At the end of the period of suspension, the surrendered registration shall be returned to the registrant and be valid under the provisions in this Chapter, provided:

- A. No further violations of this Chapter or the Code are committed by suspension period; and
- B. if the period of suspension extends beyond the normal expiration date of said registration, the registrant has paid all fees in accordance with this Chapter.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.270. - Reserved.

ARTICLE III. - PERMITS AND INSPECTIONS

Sec. 15.16.280. - Inspection does not relieve owner responsibility.

This article shall not be construed to relieve from or lessen the responsibilities of any person who owns, operates, or installs electrical wires, appliances, apparatus construction, or equipment for the damage to property or persons, injured by any defect therein nor shall the City or any agent thereof be deemed to assume any such liability by reason of the inspection authorized herein or the certificate of inspection issued by the City Building Official or designee.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.290. - Permits required.

- A. No person shall commence the erection, construction, alteration or change of any electrical installation, machinery, apparatus, work or wiring in the City until a permit has been issued by the City Building Official or designee covering each installation to be made.
- B. When any wiring or apparatus is installed in such a manner that the same could be used for electric light or power purposes, it shall be deemed that the wiring or apparatus is used for such purposes and permit shall be required and inspection made as provided for such purpose.
- C. It shall be unlawful for the City Electric Department to do any wiring of any nature in or on any building, except power houses and substations of electric light, heat and power companies operating under a franchise granted by the City, for which a permit has not been issued, or to make any electrical connections to any building or electrical wiring or apparatus until a certificate of inspection or written statement authorizing connection has been issued by the City Building Official or designee. All persons operating under a regular franchise granted by the City shall, upon written notice by the City Building Official or designee, disconnect any circuit, main service wires, branch feeder wires, or distribution system, as designated by such notice, and shall not reconnect such installation except upon written permission from the City Building Official or designee.
- D. No permit shall be required for the installation of wires to operate telephone, telegraph or district messenger services, or repair or replacement of the same electrical equipment wiring or apparatus.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.300. - To whom permits shall be issued.

Permits required by the provisions of this article shall be issued only to those persons who have secured a State of Texas Electrical Contractor's and Electrical Sign Contractor's License and have registered with the City or his/her representative under the provisions of this Chapter or to a person whose home is owned and occupied by him/her.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.310. - Permit fees.

- A. Permit fees for Electrical work shall be set forth by the City Building Official or designee and adopted by the City Council.

- B. In case any work, for which a permit is required by this Chapter, is started prior to obtaining said permit, the fee above specified shall be doubled. The payment of such doubled fee shall not relieve any person from fully complying with the requirements of this Chapter in the execution of work nor from other penalties prescribed herein.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.320. - Issuance—Electrical permit.

The City Building Official or designee shall issue an electrical permit showing the permit number, the building or house number, a description of the work to be conducted, and the name of the contractor.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.330. - Construction power service, general.

Construction power services shall be authorized for a period of time necessary for completion, final inspection, and testing of the building or structure's electrical system. This service is not to exceed six months for dwelling unit or one year for commercial or institutional occupancies. An extension may be granted by the City Building Official or designee for up to three months on dwelling unit construction sites and six months on commercial or industrial sites. Construction power service can be ordered disconnected at any time by the City Building Official or designee when the installation is declared unsafe or construction work ceases for a period of one month. Reconnection of construction service thus ordered shall not be reconnected until approved by the City Building Official or designee and a renewal fee is paid to the City utility department.

- A. Temporary Construction Power Poles. A temporary construction power pole shall be authorized to service not more than one construction site and only when the following requirements are met:
1. The responsible contractor applies for service at the City Utility Office; furnishes the assigned address for the site involved; certifies that a temporary metered construction power pole meeting city standards has been erected on the site within 60 feet of utility pole which is capable of providing the service; and the site has been marked with an address-sign clearly visible from the street.
 2. The temporary power pole shall be long enough in length to be a minimum of 12 to 14 feet above grade after installation. Pole shall be set in the earth and shall be guyed to withstand lateral pressures of the service under normal weather and wind conditions and will provide a 12-foot clearance over driveways and an 18-foot clearance over public streets.
 3. The temporary power pole shall be grounded as per City of Georgetown requirements and have a metered service of sufficient size to meet the construction needs. All receptacle outlets shall be protected by G.F.C.I.'s as required per Article 590.6 of the Code.
- B. Permanent Construction Service. Permanent construction service may be authorized for a building or structure under construction provided that:
1. The permanent service equipment has been installed and the building is dried-in.
 2. The service disconnect and service grounding system has been completed.
 3. All construction feeders and branch circuits to be activated are installed and properly safeguarded from electrical shock and overload.
 4. A notice is posted on the main disconnect and all activated main and sub-panels indicating they are in-service and are not to be opened except by the responsible electrical contractor.

5. The system has been inspected and approved by the City Building Official or designee.
6. The fuses in the main disconnect switch or the breaker shall be in place when the City Building Official or designee performs the permanent power inspection of the electrical work.

Permanent construction service will be required on the building or structure prior to final inspection and certification by the City Building Official or designee.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.340. - Inspections.

Inspections by the City Building Official or designee shall be requested by the person performing electrical work for which a permit has been issued. The electrical inspector shall make the inspection as soon as practicable exclusive of Saturdays, Sundays, and holidays. The electrical contractor, electrical sign contractor or the Master Electrician responsible may be required to be present at the construction site during the final inspection.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.350. - Work not to be concealed.

Work will not be concealed until inspected and approval given of such work by the City Building Official or designee.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.360. - Reserved.

Sec. 15.16.370. - Approval tag.

After inspecting any electrical wiring, the City Building Official or designee shall leave notice in the form of a tag or label attached to the service entrance switch; which such notice shall clearly state whether the wiring is approved or is to be kept open for correction.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.380. - Defective workmanship.

Any person engaged in the business of electrical construction or the installation of wiring or apparatus for electric light or power in the City who shall fail to correct any defect(s) in any work done by him after having been notified of such defect(s) by the City Building Official or designee and given a specified period of time within which to make such correction and fails or refuses within such time to correct such defect(s) in conformity with this Chapter or the lawful orders of the City Building Official or designee, shall not be issued any further permits until such defect(s) have been corrected. On any case in which any person shall continue to or persistently violate the provisions of this Chapter or the orders of the City Building Official or designee in relation to the same, the license of such person may be suspended or revoked upon recommendation by the Commission.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.390. - Certificates of inspection.

On the satisfactory completion of the work covered by a permit in accordance with all ordinances and laws, the City Building Official or designee shall issue a certificate of inspection. The certificate of inspection shall certify that the work is in accordance with the rules governing the respective class to which it belongs.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.400. - Effect of nonconforming existing work on issuance of certificate of inspection.

Where a permit is issued for an addition to existing work, wherein the new work is satisfactorily completed, but the existing work to which it is connected does not conform to the rules laid down by this Chapter, the City Building Official or designee shall issue a written statement to the effect that the new work complies with the rules, but that the existing work may not comply with the provisions of this Chapter. This statement shall constitute notice to the owner or other interested party that the entire installation may not comply with the provisions of this Chapter and may not prevent the issuance of a completion certificate for the new work.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.410. - Refusal of certificate of inspection.

The City Building Official or designee is hereby given the authority to refuse to issue a certificate of inspection for any addition, or extension to any electrical wiring in or on any building wherein it is determined that the wiring is in an unsafe condition. The City Building Official or designee shall refuse to issue a Certificate of Inspection and no electric light and power company shall connect electrical current to the same if any violations of this Chapter exist.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.420. - Routine inspection.

It shall be the duty of the City Building Official or designee to inspect all electrical wiring and apparatus in the city at any time in order to ascertain whether such electrical wiring or apparatus is in any respect dangerous to life or property; and, if any part of such electrical wiring or apparatus is found to be in a defective or dangerous condition, the City Building Official or designee shall have the authority to take whatever action is necessary for safety of life and property. City Building Official or designee shall notify the property owner or tenant within a reasonable time of any defect and/or action taken. If the owner of such defective wiring or equipment shall refuse or fail to comply with this requirement, he/she shall be held to be in direct violation of this Chapter.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.430. - Commercial buildings—Raceways.

- A. All commercial buildings shall be wired in raceways;
- B. All existing commercial buildings and those buildings used as residential-use buildings and thereafter converted to commercial usage, the requirement for the installation of raceway will be determined on a case by case basis by the City Building Official or designee and/or Building Standards Commission.

(Ord. No. 20174-67, § 3(Exh. A))

ARTICLE IV. - TECHNICAL PROVISIONS

Sec. 15.16.440. - 20174 National Electrical Code.

- A. The governing edition of the 20174 National Electrical Code shall be that edition accepted by an adopting ordinance approved by the Commission and enacted by the City Council for the City of Georgetown.
- B. In the installation, construction, erection, repair, and maintenance of all electrical wiring and apparatus, the rules and the requirements of the 20174 National Electric Code, as published by the National Fire Protection Association, together with such requirements and rules as are provided herein, shall be complied with and become a part of this Code.
- C. In the event of any conflict between the provisions of this Chapter and the National Electrical Code, the more stringent of the two Codes, as interpreted by the City Building Official or designee, shall prevail.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.450. - Services—Location.

All service entrance wires into a building shall be located at a point on the building specified by the City Electrical Department. Where practical, all service conduits shall be extended through the outside building wall on a street or alley side at such point as will avoid open service wires being placed over roofs or through courts, light and ventilating shafts, and over adjoining property.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.460. - Service—Support.

- A. Where service wires enter a building through stucco, tiles, brick or other masonry walls, substantial support for the service wires must be provided, such support to be able to withstand the strain and weight of service drop and shall be installed by the contractor during the construction of the supporting wall and the location of same shall be designated by the City Electrical Department.
- B. Where service wires enter a building through other type walls, substantial support for the service must be provided, such support to consist of an approved one point terminal insulator of sufficient size to support the service for the distance and size wire involved, bolted through a major structural member of the building or structure and installed prior to the electrical rough-in inspection by the contractor.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.470. - Service—Entrance.

All service entrance wires making overhead entrances into buildings shall be carried in metal conduit with weatherproof service head, and the conduit shall be brought from the entrance to the fuse switch or breaker. The service entrance to the service switch cabinet shall be as short as possible, but in no case greater than three feet within the building without the special permission from the City Building Official or designee. Length of outside service wire extension beyond service head shall not be less than two feet.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.480. - Service—Mast.

A service mast is a service which penetrates a roof or supports a service drop. A mast shall be used anytime proper clearance cannot be achieved without penetrating the roof. A mast shall conform to the following specifications:

- A. Minimum two-inch IMC or galvanized rigid conduit;
- B. No coupling above the roofline;
- C. Mast must penetrate a minimum of 18 inches above roof measured on the high side of conduit;
- D. Any mast over three feet in length (measured from high side of conduit) must be properly guyed so as to relieve the strain of the service drop; and
- E. Properly installed flashings and fittings must be installed to prevent leakage.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.490. - Service lateral.

- A. Underground secondary service conductors shall be run in two-inch schedule 40 PVC conduit or better;
- B. Conduit trenches shall be left open until they are inspected and approved by the City Building Inspection Department or the City Electrical Department;
- C. Greater than 200 amp services for Laterals shall be installed in a minimum three-inch Raceway.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.500. - Service disconnects.

- A. Single-family residences shall have a single current limiting service disconnect located or adjacent to its primary service equipment. This disconnect must be located on the building and not be a part of City distribution equipment. No line side taps shall be allowed.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.510. - Meters—Types.

City Electric Department shall determine the type of metering and its location.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.520. - Meters—Installation.

- A. The meter shall be installed outside the building unless special permission is granted by the City Electrical Department.
- B. Under no circumstances shall any meter be moved or relocated unless authorization is given by employees of the City Electrical Department.

- C. For one- and two-family dwelling and commercial applications—Meters shall be placed between four feet and six feet above the finished grade measured to center of meter can. The City Electrical Department will furnish the meter can, but the contractor shall install them. If the height exceeds six feet special permission is required by the City Electrical Department.
- D. For three or more meters installed in anyone location, meters shall be installed not less than four feet from finished grade and no more than six feet from finish grade. Special installation shall be approved by the City Inspection Department or City Electrical Building Official.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.530. - Circuit wire sizes—Copper.

- A. Wire of size not smaller than No. 12 AWG shall be used for lighting distribution circuits from panels to outlets.
- B. Exceptions are in residential installations wherein No. 14 AWG wire may be used for switch legs serving not more than 600 watts. All utility outlets shall be minimum No. 12 AWG.
- C. Control wiring maybe a No. 14 AWG conductor and must be fused by not more than 15 amperes.
- D. Electrical conductors of No. 14 AWG for branch circuits shall not be allowed.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.540. - Aluminum conductors.

- A. Aluminum and copper-clad aluminum conductors of sizes smaller than No. 6 AWG shall not be used.
- B. Aluminum and copper-clad aluminum conductors of sizes No. 6 AWG and larger may be used with approved devices and terminals provided suitable oxidation inhibitors are used on all terminals, and splices are made as specified in a UL listing for the device being used.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.550. - Installation of outlets, switches, receptacle boxes, smoke detectors.

- A. All lighting outlets, switches, and receptacle boxes shall be attached to the wood, steel, drywall or masonry framing of the building in accordance with the manufacturer's written instruction.
- B. All switch and receptacle devices will be U.L. approved. No "quick wire" devices are allowed. Wiring must be attached to the device with factory screws or factory screw and pressure plates. No push in pressure devices shall be allowed; all smoke detectors shall be connected to a single dedicated circuit.
- C. GFCI's installed in the kitchens and bathrooms shall be provided with a re-set type of receptacle outlets in the kitchen and bathroom areas and not at one point of re-set such as the main disconnect panel.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.560. - Outlets—Residential.

- A. For general wiring of dwellings restricted to residential use, including apartments, hotels and motels, not more than 12 outlets shall be permitted on any one branch circuit.

- B. Refrigerator shall be on a dedicated circuit.
- C. In the kitchen, pantry, breakfast room, dining room, or similar area of a dwelling unit, the two or more 20 ampere small appliance branch circuits shall consist of no more than six outlets on each circuit.

(Ord. No. 2017-47-67, § 3(Exh. A))

Sec. 15.16.570. - Grounding.

The grounding and bonding methods shall comply with 2017~~4~~ National Electrical Code as adopted and as specified by this section for each service installed, including but not limited to:

- A. An underground metallic water pipe shall not be used as the only grounding electrode for a service;
- B. Primary Electrode: Due to the amount of rock in the Georgetown area, Article 250-52(A)3, "Concrete-Encased Electrode" shall apply to that of all new construction within the corporate city limits and the ETJ areas where the City of Georgetown supplies and inspects for Electrical service installations;
- C. The grounding and bonding systems for the new construction of Commercial and metal or steel structures shall meet the requirements of the 2017~~4~~ National Electrical Code and those as specified herein;
- D. Bonding and/ or grounding conductors shall be installed so as to prevent contact between dissimilar metal(s);
- E. Gas piping shall not be permitted for use as a Grounding Electrode. This includes the following systems materials—Metal underground gas piping systems and aluminum.
- F. Corrugated Stainless Steel Tubing (CSST) shall be properly bonded and grounded in accordance with manufactures recommendations and specifications and in accordance with Section 250.104(B) of the 2017~~4~~ National Electric Code.
- G. For that of existing structures where the encasement of the primary electrode in concrete is not feasible for a service up-grade, change out, repair, or addition of Services, at least one grounding electrode of the type specified in Article's 250-50 of the 2017~~4~~ National Electrical Code as adopted shall apply;
- H. The interior metal water piping system shall be bonded to the service grounding system with a conductor as per the 2017~~4~~ National Electrical Code as adopted, the point of attachment shall be accessible. This requirement shall apply to both new construction and up-grade, change out, repair, or addition of services of existing structures;
- I. All metallic water piping systems with a softener systems shall have a bonding jumper, #6 or larger, between incoming water supply piping and outgoing treated water piping; and shall be installed with an approved bonding clamp inside the wall with accessibility to the clamps;
- J. Two concrete encased electrodes shall be installed when the water piping is a non-metallic material; and
- K. Concrete encased electrodes shall be used for the grounding for light poles.

(Ord. No. 2017~~4~~-67, § 3(Exh. A))

Sec. 15.16.580. - Safeguards.

- A. Color Coding of Conductors:
 - 1. Single Phase 120/240 Volt System.

Phase:	
A	Black
B	Red
Neutral	White

2. Three Phase 120/240 Volt center tap Delta System.

Phase:	
A	Black
B	Orange (high leg)
C	Red
Neutral	White

3. Three Phase 480 Volt Delta System.

Phase:	
A	Brown
B	Yellow
C	Purple

4. Three Phase 120/208 Volt WYE System.

Phase:	
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A	Black
B	Red
C	Blue
Neutral	White

5. Three Phase 277/480 Volt WYE System.

Phase:	
A	Brown
B	Yellow
C	Purple
Neutral	Natural Gray

- B. Terminal blocks are to be used in the connection of conductors within gutters.
- C. On gutters serving new multiple services the electrical contractor will furnish terminal blocks with the capacity to serve the maximum number of available services (tenants).
- D. When adding a meter (tenant) to an existing gutter service, the electrical contractor will be responsible for setting all meter cans and related equipment and furnishing tails long enough to access the existing terminal blocks. Georgetown Utility Systems will make connections after the service has passed inspection and meter is set. Under no circumstances is the electrical contractor to tie in the service before it is inspected.
- E. All gutters shall be marked on the exterior with available voltage, amperage and phases. _____

F.

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(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.590. - Installation of cabinets and panel requirements.

- A. All main and branch circuit panels shall be attached to wall or panel mountings with screws, studs, or toggle bolts.

B. All panels installed for electrical disconnecting means shall be installed with spare spaces and raceways for future use:

1. For each panel in residential buildings, a minimum of one spare one-inch raceway shall be installed from the panel to an accessible location in the attic or crawlspace for recessed panels only. All disconnect panels installed in residential occupancies must be large enough to accommodate the present load requirements and have at least three spare circuits for future use.
2. For each panel installed in commercial buildings, the requirements for that of paragraph (1) of this section shall apply; except that all disconnect panels installed in commercial occupancies shall provide at least four spare circuits for future use.

(Ord. No. 20174-67, § 3(Exh. A))

Sec. 15.16.600. - Engineers seal required.

In accordance with the Texas Engineering Practice Act, all drawings pertaining to non-dwelling construction projects of 5,000 square feet or more shall bear the seal of an engineer licensed in the State of Texas. The Building Official is hereby authorized to require at his/her discretion, said seal to be placed upon drawings for non-dwelling construction projects of lesser square footage.

(Ord. No. 20174-67, § 3(Exh. A))

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

Consideration and possible recommendation to adopt the 2015 International Fire Code and the amendments. – Jason Fryer, Lieutenant, Fire & Life Safety.

ITEM SUMMARY:

Consideration and possible recommendation to adopt the 2015 International Fire Code and the amendments. A copy of the book will be available at the meeting for review. See attached for amendment recommendations.

FINANCIAL IMPACT:

SUBMITTED BY:

ATTACHMENTS:

Description	Type
 Amendments for the 2015 International Fire Code	Cover Memo

2015 Fire Code Amendments Simple and Version

Revise Subsection 102 as follows:

[A] 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

Revise Subsection [A] 111.2 as follows

[A] 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 OFFICAL, OR THE FIRE CODE OFFICAL'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.

REMOVE REVISED DEFINITION OF SMOKE ALARM (was dual sensor)

REVISE THE ENTIRE SECTION 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACE 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.

307.1.1 PROHIBITED OPEN BURNING. OPEN BURNING SHALL BE PROHIBITED WHEN ATMOSPHERIC CONDITIONS OR LOCAL CIRCUMSTANCES MAKE SUCH FIRES HAZARDOUS.

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.

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.

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.GEORGETOWNFD.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 \$25, 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 (\$50) 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 (\$100) 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 (\$100) REQUIRES A SITE APPROVAL BY THE GEORGETOWN FIRE MARSHAL'S OFFICE AND IS VALID 30 DAYS FROM ISSUANCE

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:

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.

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.

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. COMMERCIALY 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: 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:

RECREATIONAL FIRES SHALL NOT BE CONDUCTED WITHIN 25 FEET OF A STRUCTURE OR COMBUSTIBLE MATERIAL.

CONDITIONS WHICH COULD CAUSE A FIRE TO SPREAD WITHIN 25 FEET OF A STRUCTURE SHALL BE ELIMINATED PRIOR TO IGNITION.

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.

REVISE SECTION 503.2.1 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.

ADD NEW SUBSECTION 503.2.2.1

503.2.2.1 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.

ADD NEW SUBSECTION 503.2.2.2

503.2.2.2 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.

REVISE SECTION 503.2.3 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.

ADD NEW SUBSECTION 503.2.2.4

503.2.2.4 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

ADD NEW SUBSECTION 503.2.2.5

503.2.2.5 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

ADD NEW SUBSECTION 503.2.2.6

503.2.2.6 MODIFICATIONS. THE ~~FIRE CHIEF~~ 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 CHIEF~~ FIRE CODE OFFICIAL THEREON SHALL BE ENTERED UPON THE RECORDS OF THE DIVISION AND A SIGNED COPY SHALL BE FURNISHED TO THE APPLICANT.

Revise Section 503.2.4 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.

REVISE SECTION 503.3 AS FOLLOWS

503.3 MARKING. WHERE REQUIRED BY THE FIRE CODE OFFICIAL, APPROVED SIGNS OR OTHER APPROVED NOTICES OR MARKINGS THAT INCLUDE THE WORDS ~~NO PARKING~~ 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.

ADD NEW SUBSECTION 503.3.1

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.

ADD NEW SUBSECTION 503.3.2

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 ^[DS1]- 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 ^[DS2]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.

ADD NEW SUBSECTION 503.3.3

503.3.3 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:

(I.) 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.

(II) 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.

ADD NEW SUBSECTION 503.3.4

503.3.4 IN AREAS WHERE TEMPORARY FIRE LANES ARE REQUIRED FOR SPECIAL EVENTS, THE FOLLOWING METHOD SHALL BE USED:

- (a.) 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[CS3] FEET ABOVE FINISHED GRADE.

ADD NEW SUBSECTION 503.3.5

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.

REVISE ENTIRE SECTION 503.4 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.

ADD NEW SUBSECTION 503.7

503.7 PLAN REVIEW. THE ~~FIRE CHIEF~~ 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 CHIEF~~ 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.

ADD NEW SUBSECTION 503.4.1

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.

ADD NEW SUBSECTION 503.4.2

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.

ADD NEW SUBSECTION 503.7

503.7 PLAN REVIEW. THE FIRE CHIEF 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 CHIEF 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.

Add new Section 503.8 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

ADD NEW SUBSECTION 503.10

503.10 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.**

Revise Section 505.1 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	Requires approval of Building Official

Revise Section 507.2.1 as follows:

Section 507 Fire Protection Water Supplies

507.2.1 PRIVATE FIRE SERVICE MAINS. PRIVATE FIRE SERVICE MAINS AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24 – ~~13~~ (2019 EDITION).

507[MW4].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.

507.2.2 Water tanks. Water tanks for private fire protection shall be installed in accordance with NFPA 22 - 13 (2018 EDITION).

Revise Section 507.3 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.

507.4 Water supply test. The fire code official shall be notified prior to the water supply test. ~~Water supply tests shall be witnessed by the fire code official or approved documentation of the test shall be provided to the fire code official prior to final approval of the water supply system.~~ REFERENCE GEORGETOWN FIRE DEPARTMENTS FIRE PROTECTION CRITERIA MANUAL FOR WATER SUPPLY TESTING PROCEDURES.

Revise Section 507.5 as follows:

507.5 Fire hydrant systems. Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6, AND APPENDIX C.

Add New Subsection 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 AND MAINTAINED ANNUALLY AND SHALL BE FLOW TESTED EVERY YEAR 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.

FLOW	COLOR
Greater than 1500 GPM	BLUE
1000 to 1500 GPM	GREEN

FLOW	COLOR
500 to 999 GPM	ORANGE
Less than 500 GPM	RED
NOT WORKING	BLACK OR BAGGED

Add new Subsection 507.5.8 as follows:

507.5.8 REFLECTIVE PAVEMENT MARKERS. ALL FIRE HYDRANTS SHALL BE IDENTIFIED BY THE INSTALLATION OF APPROVED BLUE REFLECTIVE PAVEMENT MARKERS.

Revise Subsection 509.1 as Follows: Sign Exhibits

See Fire Department Signage Criteria Manual

Add new Subsection 509.2.1 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.

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

Revise Section 901.5 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.

Revise Subsection Table 901.6.1 as follows:

Table 901.6.1 Fire Protection System Maintenance Standards

Portable fire extinguishers	NFPA 10	2013 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	2014 2017
Fire alarm systems	NFPA 72	2013 2019
Smoke and heat vents	NFPA 204	
Water-mist systems	NFPA 750	
Clean-agent extinguishing systems	NFPA 2001	

Add New Subsection 901.6.1.1 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.

Add New Subsection 901.6.3 as follows:

901.6.3 MAINTENANCE AGREEMENT. A MAINTENANCE AGREEMENT, WITH A LICENSED FIRE PROTECTION COMPANY SHALL BE PROVIDED TO THE FIRE CODE OFFICAL FOR EACH FIRE PROTECTION SYSTEM AT ALL TIMES. PROOF OF MAINTENANCE AGREEMENT SHALL BE PROVIDED DURING ANY SYSTEM ACCEPTANCE TEST.

Revise Section 901.7 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 IMPARMENT GUIDELINES”.

Add New Subsection 903.1.2 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.

RESIDENTIAL 13D AND 13R – 10% OR 5PSI – (LESSER OF THE SYSTEM DEMAND)

COMMERCIAL NFPA 13 – LIGHT HAZARD – 10% OR 5PSI – (LESSER OF THE SYSTEM DEMAND)

COMMERCIAL NFPA 13 – ORDINARY HAZARD AND ABOVE – 10PSI OR 10% (WHICHEVER IS GREATER)

STANDPIPE AND HOSE SYSTEMS NFPA 14 - 10PSI OR 10% (WHICHEVER IS GREATER)

WATER SPRAY FIXED SYSTEMS NFPA 15 - 10PSI OR 10% (WHICHEVER IS GREATER)

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.

Add New Subsection 903.1.3 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.

Revise Section 903.3.1.1 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

Revise Section 903.3.1.1.1 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*.

~~3. Generator and transformer rooms separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a fire-resistance rating of not less than 2 hours.~~

~~4. Rooms or areas that are of noncombustible construction with wholly noncombustible contents.~~

~~5. Fire service access elevator machine rooms and machinery spaces.~~

Revise Section 903.3.1.2 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 (2013 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

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.

Revise Section 903.3.1.2.1 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* ~~where the building is of Type V construction~~, provided there is a roof or deck above. Sidewall sprinklers that are used to protect such areas shall be permitted to be located such that their deflectors are within 1 inch (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 [MW5] DRY SPRINKLERS SHALL BE IN COMPLIANCE WITH NFPA 13 AND NFPA 13R 2019 EDITION. REFERENCE GEORGETOWN FIRE DEPARTMENTS FIRE PROTECTION CRITERIA MANUAL FOR DRY SPRINKLER DETAILS**

Revise Section 903.3.5 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.

Add New Subsection 903.3.10 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.

Revise Section 903.4 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. Automatic sprinkler systems protecting one and two family dwellings.~~
- ~~2. Limited area sprinkler systems in accordance with Section 903.3.8.~~
- ~~3. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic water and the automatic sprinkler system, and a separate shutoff valve for the automatic sprinkler system is not provided.~~
- ~~4. Jockey pump control valves that are sealed or locked in the open position.~~
- ~~5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.~~
6. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
7. Trim valves to pressure switches in dry, pre-action and deluge sprinkler systems that are sealed or locked in the open position.
8. VALVES LOCATED IN A BELOW GRADE VAULT/PIT OR EXTERIOR ABOVE GRADE PROTECTION COVER THAT ARE LOCKED.

Add New Subsection 903.4.4 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

Add New Subsection 903.4.5 Control Valves

903.4.5 CONTROL VALVES. BACKFLOW PREVENTION DEVICES 2" AND SMALLER SHALL BE EQUIPPED WITH INDICATING AND SLOW CLOSURE TYPE.

Add New subsection 903.4.6 as Follows:

903.4.6 SUPERVISORY SWITCHES. PLUG TYPE SUPERVISORY SWITCHES WILL NOT BE ALLOWED AS A METHOD TO SUPERVISE ANY CONTROL VALVE.

Add new Subsection 903.6.3 as follows: THIS BASICALLY SAYS ANY CHANGE OF OCCUPANCY THE BUILDING MUST BE SPRINKLED??

~~Add new Subsection 903.6.3 as follows:~~

~~903.6.3 NON-SPRINKLERED BUILDING CHANGE OF OCCUPANCY GROUP. APPROVED AUTOMATIC SPRINKLER SYSTEMS SHALL BE PROVIDED THROUGHOUT THE FIRE AREA OF EXISTING NON-SPRINKLERED OCCUPANCIES WHEN THERE IS A CHANGE OF OCCUPANCY TO A GROUP A, E, F, H, I, R-1, R-2, R-4, OR S-1 OCCUPANCY.~~

Revise Section 905.2 as Follows:

905.2 Installation Standard. Standpipe systems shall be installed in accordance with this section and NFPA 14 (2013 2019 EDITION). Fire department connections for standpipe systems shall be installed in accordance with 912.

Add New Subsection 905.2.2 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 OFFICAL HAS THE AUTHORITY TO ALLOW STANDARD HOSE VALVE CAPS IN OCCUPANCIES NOT SUSCEPTIBLE TO VANDALISM OR ACCIDENTAL DISCHARGE.

Add New Subsection 905.2.3 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.

Add New Subsection 905.2.4 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.

Add New Subsection 905.3.9 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.

Revise Subsection 905.4 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), ~~a hose connection shall be located to serve the roof or at the highest landing of an interior exit stairway with access to the roof provided in accordance with Section 1011.12.~~ 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.

Add New Subsection 905.8.1 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 IN ACCRDANACE WITH NFPA 72.

Revise Section 906.2 as Follows:

906.2 General Requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10 (~~2013~~ 2018 EDITION).

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 DIS- CHARGE.

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 ~~46~~ 4 DWELLING UNITS OR SLEEPING UNITS. NEWER CODES NOW REQUIRE CO DETECTORS IN RESIDENCE, SO THIS WILL SATISFIED TWO DIFFERENT TYPES OF DETECTORS.

Revise Section 907.2.11 as follows:

~~907.2.11 Single and multiple station smoke alarms. Listed single and multiple station smoke alarms complying with UL 217 THAT HAVE DUAL SENSOR CAPABILITIES (IONIZATION AND PHOTOELECTRIC) shall be installed in accordance with Sections 907.2.11.1 through 907.2.11.4 and NFPA 72.~~

Revise Section 912.1 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 DEPARTMENTS FIRE PROTECTION CRITERIA MANUAL FOR FIRE DEPARTMENT CONNECTION INSTALLATION DETAILS

Add New Section 912.1.1 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.

Add New Section 912.1.2 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 DEPARTMENTS FIRE PROTECTION CRITERIA MANUAL FOR FLUSHING DETAILS.

Revise Section 912.2 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 chief~~ FIRE CODE OFFICIAL.

Revise Section 912.2.1

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 chief~~ FIRE CODE OFFICIAL.

Revise Section 912.4.1 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.**

Revise Section 912.5 as Follows:

912.5 Signs. ~~A metal sign with raised letters not less than 1 inch (25 mm) in size shall be mounted on all fire department connections serving automatic sprinklers, standpipes or fire pump connections. Such signs shall read: AUTOMATIC SPRINKLERS or STANDPIPES or TEST CONNECTION or a combination thereof as applicable. Where the fire department connection does not serve the entire building, a sign shall be provided indicating the portions of the building served.~~

REFERENCE GEORGETOWN FIRE DEPARTMENTS FIRE PROTECTION CRITERIA MANUAL FOR SIGNAGE REQUIREMENTS

Revise Section 913.4 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.**
- 3. Locking valves open.**
- 4. ~~Sealing of valves and approved weekly recorded inspection where valves are located within fenced enclosures under the control of the owner.~~**

Add New Subsection 913.5.1 as Follows:

913.5.1 TEST HEADER – FIRE PUMPS SHALL BE EQUIPPED WITH A TEST HEADER IN ACCORDANCE OF 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.

A new sub section 913.6 as Follow:

913.6 FIRE PUMP SUCTION PRESSURE – FIRE PUMP SUCTION PRESSURE SHALL BE NO LESS THAN 20PSI WHEN FLOWING 150% OF THE PUMPS CAPACITY.

REVISE SECTION 1009.1 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 TAS 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.

Revise Subsection 3101 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.

Revise Subsection 5706.2.4.4 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 CHIEF ~~and City Council~~ 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 A, E, I, OR R OCCUPANCIES.

Revise Subsection 6104.2 as follows: **RECOMMEND TO REMOVE DUE TO THE ONLY AUTHORITY OVER LPG IS BY THE TEXAS RAILROAD COMMISSION.**

REVISE SECTION B105 AS FOLLOWS:

FIRE-FLOW REQUIREMENTS FOR BUILDINGS

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 Calc Area	Sprinkler	>10'	>30'
0 – 3600 sqft	No	1000	750
3601 – 5000 sqft	No	Table B105.1(2)	1000
5001 and greater	No	Table B105.1(2)	Table B105.1(2)
0 – 5000 sqft	Yes	1/2 Value in Table B105.1 (2)	500
5001 and greater	Yes	1/2 Value in Table B105.1(2)	1/2 Value in Table B105.1(2)

APPENDIX D FIRE APPARATUS ACCESS ROADS

Revise Appendix D as follows:

Revise Subsection D103.5 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 opening devices shall be approved by the fire code official.

B. Shall be in the fully opened position in no more than 30 seconds.

C. Shall have a manual override system. Manual override operations shall be

Located on the entrance side of 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

Compatible with the fire department's existing system. AT THE FOLLOWING OCCUPANCY TYPES R,I and fire apparatus access roads (driveways) leading to more than two, one and two family dwellings.

Exceptions:

1. Driveways serving one and two family dwellings as approved by the fire code official.
2. 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.

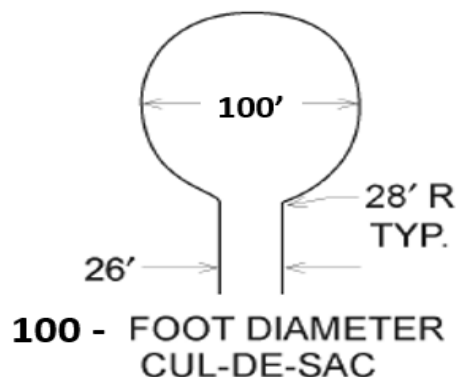
8. Electric gate operators, where provided, shall be listed in accordance with ul 325.

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 ACCESS ROADWAYS.

11. MAINTNANCE 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.

REVISE SUBSECTION 103.4 DIAMETER OF CUL-DE-SAC SHALL HAVE A DIAMETER OF ~~96~~-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

Revise Subsection D103.6 as follows:

D103.6 Signs. Where required by the fire code official, fire apparatus access roads shall be marked. **REMOVING CITY ORDINANCE AND ADDING TO FIRE CODE**

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.

REVISE SUBSECTION D 106.3 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.**

APPENDIX L REQUIREMENTS FOR FIRE FIGHTER AIR REPLINISHMENT SYSTEMS

REVISE SUBSECTION L101.1 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.**

Revise Section Chapter 80 as Follows:

Chapter 80

NFPA

National Fire Protection Association

1 Batterymarch Park

Quincy, MA 02169-7471

Standard reference number	Title	Referenced in code section number
02—11	Hydrogen Technologies Code	2309.3.1.1, 2309.3.1.2, 5301.1, 5307.3, 5801.1
10—13	Standard for Portable Fire Extinguishers	Table 901.6.1, 906.2, 906.3, Table 906.3(1), Table 906.3(2), 906.3.2, 906.3.4, 3006.3, I101.1
11—10	Standard for Low-, Medium- and High-expansion Foam	904.7, 5704.2.9.2.2
12—11	Standard on Carbon Dioxide Extinguishing Systems	Table 901.6.1, 904.8, 904.12
12A—09	Standard on Halon 1301 Fire Extinguishing Systems	Table 901.6.1, 904.9
13—13 (19)	Standard for the Installation of Sprinkler Systems	903.3.1.1, 903.3.2, 903.3.8.2 903.3.8.5, 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—13 (19)	Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes.	903.3.1.3
13R—13 (19)	Standard for the Installation of Sprinkler Systems Low Rise Residential Occupancies	903.3.1.2, 903.3.5.2, 903.4
14—13 (19)	Standard for the Installation of Standpipe and Hose Systems	905.2, 905.3.4, 905.4.2, 905.6.2, 905.8
15—12 (17)	Standard for Water Spray Fixed Systems for Fire Protection	5704.2.9.2.3
16—15 (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—13 (19)	Standard for the Installation of Stationary Pumps for Fire Protection.	913.1, 913.2, 913.5.1
22—13 (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—14 (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—12 (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, 5104.1, Table 5104.3.1, Table 5104.3.2, Table 5104.3.2.2, 5104.4.1, 5104.5.2, 5104.6, 5106.2.3 5106.3.2, Table 5106.4, 5106.5.1, 5106.5.6, 5107.1
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	2901.3, 2905.4
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	2309.2.1, 5301.1, 5307.3, 5501.1, 5801.1, 6301.1
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
70—14	National Electrical Code	603.1.3, 603.1.7, 603.5.2, 604.1.2, 605.3, 605.4, 605.9, 605.11, 606.16, 610.6, 610.7, 904.3.1, 907.6.1, 909.12.2, 909.16.3, 910.4.6, 2006.3.4, 2104.2.3, 2108.2, Table 2204.1, 2301.5, 2305.4, 2308.8.1.2.4, 2309.2.3, 2309.6.1.2.4, 2311.3.1, 2403.2.1, 2403.2.1.1, 2403.2.1.4, 2403.2.5, 2404.6.1.2.2, 2404.9.4, 2504.5, 2603.2.1, 2606.4, 2703.7.1, 2703.7.2, 2703.7.3, 2803.4, 2904.1, 3103.12.6.1, 3104.15.7, 3304.7, 3506.4, 5003.7.3, 5003.8.7.1, 5003.9.4, 5303.7.6, 5303.8, 5303.16.11, 5303.16.14, 5503.6, 5503.6.2, 5703.1, Table 5703.1.1, 5703.1.3, 5704.2.8.12, 5704.2.8.17, 5706.2.8, 5803.1.5, 5803.1.5.1, 5807.1.10, 5906.5.5, 5906.5.6, 6109.15.1
72—13(19)	National Fire Alarm and Signaling Code	508.1.6, 604.2.4, Table 901.6.1, 903.4.1, 904.3.5, 907.2, 907.2.6, 907.2.9.3, 907.2.11, 907.2.13.2, 907.3, 907.3.3, 907.3.4, 907.5.2.1.2, 907.5.2.2, 907.5.2.2.5, 907.6, 907.6.1, 907.6.2, 907.6.6, 907.7, 907.7.1, 907.7.2, 907.8, 907.8.2, 907.8.5, 1103.3.2

City of Georgetown, Texas
Building Standards Commission
February 20, 2020

SUBJECT:

ITEM SUMMARY:

FINANCIAL IMPACT:

SUBMITTED BY: