

ORDINANCE NO. 2018-20

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BELTON, TEXAS, AMENDING CHAPTER 4 OF THE CODE OF ORDINANCES OF THE CITY OF BELTON DEALING WITH 2014/2015 BUILDINGS CODES; PROVIDING A SAVINGS CLAUSE; PROVIDING AN EFFECTIVE DATE; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING AN OPEN MEETINGS CLAUSE.

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

PART 1: Chapter 4, Building and Building Regulations, of the Code of Ordinances of the City of Belton, Texas, is hereby amended to read as follows:

Article III. - Building Standards

This article is hereby replaced in its entirety as follows:

Sec. 4-31. - Codes adopted.

The City does hereby adopt the International Building Code, 2015 edition, Appendices A through J, with the amendments indicated in Section 4-32, the International Existing Building Code, 2015 edition, the International Energy Conservation Code, 2015 edition, and the International Residential Code 2015 edition, Appendices A through L, as published by the International Code Council, with the amendments indicated in Section 4-33, establishing rules and regulations for the construction, alteration, removal, demolition, equipment, use and occupancy, location and maintenance of buildings and structures, including permits, as fully as if they were copied at length herewith, but subject to any amendments adopted within this article. A copy of the International Building Code, 2015 edition, the International Existing Building Code, 2015 edition, the International Energy Conservation Code, 2015 edition, and the International Residential Code for 2015 edition, shall be maintained in the office of the Building Official. The City Council shall adopt by ordinance a schedule of permit fees required or authorized by the International Building Code, 2015 edition, the International Existing Building Code, 2015 edition, the International Energy Conservation Code, 2015 edition, and the International Residential Code for One- and Two-Family Dwellings, 2015 edition, a copy of which shall be maintained in the office of the City Clerk.

Sec. 4-32. - Amendments to the International Building Code.

The following sections are hereby amended to read as follows:

- (1) *Section 101.1. Title.* These regulations shall be known as the building code of the City of Belton, hereinafter referred to as "this code."

(2) *Section 1612.3. Establishment of flood hazard areas.* To establish flood hazard areas, the governing body 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 the City of Belton," dated September 26, 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. The finished floor needs to be eighteen (18) inches above the flood plain.

Sec. 4-33 – Amendments to the International Existing Building Code.

Section 101.4.7 Applicability. Structures existing prior to the effective date of this article, in which there is work involving additions, alterations or changes of occupancy shall be made to conform to the requirements of this section or the provisions of Sections 3403 through 3407. The provisions in Sections 3410.2.1 through 3410.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, S and U. These provisions shall not apply to buildings with occupancies in Group H or I.

Sec. 4-34 – Amendments to the International Energy Conservation Code.

Section R402.4 Air leakage. The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of Sections R402.4.1 through R402.4.4 for new 1 and 2 family dwelling construction.

Sec. 4--35. - Amendments to the International Residential Code.

The City of Belton adopts the following amendments to the International Residential Code for One- and Two-Family Dwellings, 2015 Edition:

The following sections are hereby amended to read as follows:

(1) **Section R105.2. Work exempt from permit.**

Building: 1.

Delete: 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).

Building: 2.

Delete: Fences not over 6 feet (1829 mm) high.

Building: 5.

Delete: Sidewalks and Driveways.

Building: 10.

Delete: 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.

(2) Section R301.2 Climatic and Geographic Design Criteria.

TABLE R301.2(1)

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY ^f	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP ^e	ICE BARRIER UNDERLAYMENT REQUIRED ^h	FLOOD HAZARDS ^g	AIR FREEZING INDEX ⁱ	MEAN ANNUAL TEMP ^j
	Speed ^d (mph)	Topographic effects ^k	Special Wind region ^l	Wind-borne debris zone ^m		Weathering ^a	Frost Line depth ^b	Termite ^c					
5 lb/ft ²	115	NO	NO	NO	A	Mod.	4"	Heavy	26 F	NO	9/26/08	58 F	66.6 F

For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

- a. Weathering may require a higher strength concrete or *grade* of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index, "negligible," "moderate" or "severe" for concrete as determined from Figure R301.2(3). The *grade* of masonry units shall be determined from ASTM C34, C55, C62, C73, C90, C129, C145, C216 or C652.
- b. The frost line depth may require deeper footings than indicated in Figure R403.1(1). The *jurisdiction* shall fill in the frost line depth column with the minimum depth of footing below finish *grade*.
- c. The *jurisdiction* shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.
- d. The *jurisdiction* shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2(4)A]. Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.
- e. The outdoor design dry-bulb temperature shall be selected from the columns of 97¹/₁-percent values for winter from Appendix D of the *International Plumbing Code*. Deviations from the Appendix D temperatures shall be permitted to reflect local climates or local weather experience as determined by the *Building Official*.
- f. The *jurisdiction* shall fill in this part of the table with the seismic design category determined from Section R301.2.2.1.
- g. The *jurisdiction* shall fill in this part of the table with (a) the date of the *jurisdiction's* entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the Flood Insurance Study and (c) the panel numbers and dates of the currently effective FIRMs and FBFMs or other flood hazard map adopted by the authority having *jurisdiction*, as amended.
- h. In accordance with Sections R905.1.2, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the *jurisdiction* shall fill in this part of the table with "YES." Otherwise, the *jurisdiction* shall fill in this part of the table with "NO."
- i. The *jurisdiction* shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99 percent) value on the National Climatic Data Center data

table "Air Freezing Index-USA Method (Base 32°F)."

- j. The *jurisdiction* shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)."
- k. In accordance with Section R301.2.1.5, where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the *jurisdiction* shall fill in this part of the table with "YES." Otherwise, the *jurisdiction* shall indicate "NO" in this part of the table.
- l. In accordance with Figure R301.2(4)A, where there is local historical data documenting unusual wind conditions, the *jurisdiction* shall fill in this part of the table with "YES" and identify any specific requirements. Otherwise, the *jurisdiction* shall indicate "NO" in this part of the table.
- m. In accordance with Section R301.2.1.2.1, the *jurisdiction* shall indicate the wind-borne debris wind zone(s). Otherwise, the *jurisdiction* shall indicate "NO" in this part of the table.

(3) Section R313.2. One and two family dwellings automatic fire sprinkler systems.

Delete: One- and two-family dwellings automatic fire sprinkler systems. Effective January 1, 2011, an automatic residential fire sprinkler system shall be installed in one- and two-family dwellings.

(4) Section G2408.3. Private garages.

Delete: Appliances located in private garages shall be installed with a minimum clearance of 6 feet (1829 mm) above the floor.

(5) Section P2906.4 Water service pipe.

Amend Table P2906.4 Water service pipe materials to delete following materials:

- i. Acrylonitrile butadiene styrene (ABS) plastic pipe.
- ii. Polyethylene (PE) plastic pipe.
- iii. Polyethylene (PE) plastic tubing.
- iv. Polyethylene/aluminum/polyethylene (PE-AL-PE) pipe.
- iv. Galvanized steel pipe.

(6) Section P2906.5 Water-distribution pipe.

Amend Table P2906.5 Water distribution pipe materials to delete following materials:

- i. Polyethylene/aluminum/polyethylene (PE-AL-PE) composite pipe.
- ii. Galvanized steel pipe.

(7) Section P2603.5.1. Sewer Depth. Building sewers that connect to private sewage disposal systems shall be a not less than 12 inches below finished grade at the point of septic tank connection. Building sewers shall be not less than 12 inches below grade.

- (8) Section R402.4 Air leakage. The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of Sections N1102.4.1 through N1102.4.4 for new 1 and 2 family dwelling construction.

Secs. 4-36—4-50. - Reserved.

Article IV. – Electrical Code

Sec. 4-161. - Adoption of electrical code.

There is hereby adopted by the City of Belton, the National Electrical Code, 2014 Edition, as published by the National Fire Protection Association, which is on file in the Building Official's office. The National Electrical Code is adopted herein with the following exceptions:

- (1) 230.70 Service Disconnecting Means.
 - (A)(1) Readily Accessible Location. The service disconnect will be located at the same location as the meter base on the outside.

Article V. – Plumbing Code

Sections 4-206 through 4-207 are hereby amended to read as follows:

Sec. 4-206. - Code adopted.

The City does hereby adopt by reference the International Plumbing Code, 2015 edition, as published by the International Code Council, Appendices A through G, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of plumbing systems as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, penalties, conditions and terms of said plumbing code on file in the office of the Building Official are hereby referred to, adopted and made a part hereof, as if fully set out in this article, with the additions, insertions, deletions and changes, if any, prescribed in section 4-207 of this article.

Sec. 4-207. - Amendments to the International Plumbing Code.

The following sections are hereby amended to read as follows:

- (1) Section 305.4.1 Sewer depth. Building sewer pipe shall be installed with a minimum of twelve (12) inches of cover. Where conditions prohibit the required amount of cover, cast iron pipe with approved joints may be used unless other means of protecting the pipe is provided as approved by the Building Official.
- (2) Section 605.3. Water service pipe.

Amend Table 605.3 Water service pipe materials to delete following materials:

- i. Acrylonitrile butadiene styrene (ABS) plastic pipe.
- ii. Polyethylene (PE) plastic pipe.
- iii. Polyethylene (PE) plastic tubing.
- iv. Polyethylene/aluminum/polyethylene (PE-AL-PE) pipe.
- v. Galvanized steel pipe.

(3) Section 605.4 Water-distribution pipe.

Amend Table 605.4 Water distribution pipe materials to delete following materials:

- i. Polyethylene/aluminum/polyethylene (PE-AL-PE) composite pipe.
- ii. Galvanized steel pipe.

(4) Section 608.16.5. Connections to lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by a pressure vacuum breaker assembly or a reduced pressure principle backflow prevention assembly according to the City of Belton irrigation ordinance, located in Chapter 23 Utilities, Article VIII Installation of Irrigation Systems, Section 23-325 Specific conditions and cross-connection control.

Article VI. – Swimming Pools

This article is hereby replaced in its entirety as follows:

ARTICLE VI. - SWIMMING POOLS AND SPAS

Sec. 4-221. - Code adopted.

The City does hereby adopt by reference the International Swimming Pool and Spa Code, 2015 edition, as published by the International Code Council, Appendices A through G, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of swimming pools and spas as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, penalties, conditions and terms of said swimming pool and spa code on file in the office of the Building Official are hereby referred to, adopted and made a part hereof, as if fully set out in this article.

Secs. 4-228—4-240. - Reserved.

Article VII. – Minimum Housing Code

Section 4-305 is moved under Division 5. Standards, and amended to read as follows:

Sec. 4-305. – Code Adopted.

The City does hereby adopt by reference the International Property Maintenance Code 2015 edition, as published by the International Code Council, Appendices A and B, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of property as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, penalties, conditions and terms of said property maintenance code on file in the office of the Building Official are hereby referred to, adopted and made a part hereof, as if fully set out in this article.

Article VIII. – Gas Code

Section 4-336 is hereby amended to read as follows:

Sec. 4-336. - Adopted; fees.

- (a) There is hereby adopted the 2015 International Fuel Gas Code including Appendix A and Appendices C through E, as if the Gas Code were copied at length herewith. A copy which shall be kept on file in the office of the Building Official at all times.
- (b) Permit fees for work governed by the 2015 International Fuel Gas Code adopted in section 4-336 (a) shall be as set out in the schedule of fees which is on file in the City Clerk's office.

Article IX. – Mechanical Code

Section 4-351 is hereby revised to read as follows:

Sec. 4-351. - Code adopted.

The City does hereby adopt by reference the International Mechanical Code, 2015 edition, as published by the International Code Council, Appendices A and B, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of mechanical systems as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, penalties, conditions and terms of said mechanical code on file in the office of the Building Official are hereby referred to, adopted and made a part hereof, as if fully set out in this article, with the additions, insertions, deletions and changes, if any, prescribed in section 4-352 of this article.

PART 2: If any provision of this ordinance or the application of any provision to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision

or application, and to this end the provisions of this ordinance are declared to be severable.

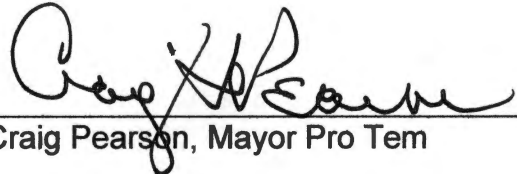
PART 3: This ordinance shall take effect on October 1, 2018, in accordance with the provisions of the Charter of the City of Belton, Texas, and it is accordingly so ordained.

PART 4: Sunset Review. No later than one (1) year following adoption of this ordinance, a comprehensive review of this ordinance shall occur to review and assess the application of these standards to ensure that they have been applied in a manner benefiting the public.

PART 5: The Code of Ordinances of the City of Belton, Texas, as amended, shall remain in full force and effect, save and except as amended by this ordinance.

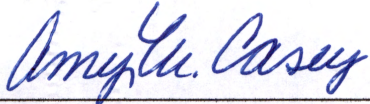
PART 6: It is hereby officially found and determined that the meeting at which this ordinance is passed was open to the public as required and that public notice of the time, place, and purpose of said meeting was given as required by the Open Meetings Act.

PASSED AND APPROVED on this the 26th day of June, 2018.



Craig Pearson, Mayor Pro Tem

ATTEST:



Amy M. Casey, City Clerk