

**ORDINANCE 2018-128**

**AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF SAN ANGELO, TEXAS BY AMENDING CHAPTER 4 "BUILDING AND CONSTRUCTION", ARTICLE 4.03 "CONTRACTORS", DIVISION 2. "REGISTRATION", SECTION 4.03.032 "OCCUPATIONS INCLUDED" AND SECTION 4.03.033 "OCCUPATIONS EXCLUDED"; AND BY DELETING AND REPLACING CHAPTER 4 "BUILDING AND CONSTRUCTION", ARTICLE 4.04 "TECHNICAL AND CONSTRUCTION CODES AND STANDARDS", TO ADOPT THE 2015 EDITIONS OF THE INTERNATIONAL RESIDENTIAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL FUEL GAS CODE, INTERNATIONAL ENERGY CONSERVATION CODE, INTERNATIONAL EXISTING BUILDING CODE, AND THE 2014 EDITION OF THE NATIONAL ELECTRIC CODE; AND, PROVIDING FOR SEVERABILITY, AND PROVIDING FOR AN EFFECTIVE DATE**

WHEREAS, the City Council for the City of San Angelo recognizes that minimum requirements must be established to safeguard the public, safety and general welfare of the community through structural strength, means of egress facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters and emergency responders during emergency operations; and

WHEREAS, the City Council finds that the International Code Council and the NFPA have published multiple model codes that suggest guidelines and rules regarding protection of the health, safety and general welfare of the public for the built environment; and

WHEREAS, such model codes are updated from time-to-time and the City Council desires to adopt the 2015 editions of the International Residential Code, International Plumbing Code, International Mechanical Code, International Fuel Gas Code, International Energy Conservation Code, International Existing Building Code, and the 2014 edition of the National Electric Code; and

WHEREAS, the City Council further desires to adopt local amendments to such model codes and to amend the San Angelo Code of Ordinances accordingly.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF SAN ANGELO:

Section 1) THAT, the Code of Ordinances of the City of San Angelo, Texas, Chapter 4 "Building and Construction, Article 4.03 "Contractors", Division 2. "Registration", Section 4.03.032 Occupations included" and Section 4.03.033 "Occupations excluded" are hereby amended to read as follows:

**Sec. 4.03.032 Occupations included**

Those persons required to register include but are not limited to the following: general contractors, building contractors, electrical contractors, plumbing contractors, mechanical contractors, building maintenance personnel, roofing contractors, fence contractors, sign contractors, water treatment installers, movers and irrigation contractors.

**Sec. 4.03.033 Occupations excluded**

- (a) Pursuant to Section 1301.551 of the Texas Occupations Code, municipalities and other political subdivisions which require persons to register before performing plumbing work may not require a person to pay a plumbing registration fee or administrative fee. The plumbing contractor must register electronically or in person. Plumbing contractors must still register per this article but will not be required to pay a registration or administrative fee as outlined in appendix A of this code.

**(b) Pursuant to Section 1305.201 of the Texas Occupations Code, municipalities and other political subdivisions which require persons to register before performing electrical work may not require a person to pay an electrical registration fee or administrative fee. The electrical contractor must register electronically or in person. Electrical contractors must still register per this article but will not be required to pay a registration or administrative fee as outlined in appendix A of this code.**

Section 2) THAT, the Code of Ordinances of the City of San Angelo, Texas, Chapter 4 "Building and Construction", Article 4.04 "Technical and Construction Codes and Standards, is hereby deleted and replaced as follows:

#### **ARTICLE 4.04 TECHNICAL AND CONSTRUCTION CODES AND STANDARDS**

##### **Division 1. Generally**

###### **Sec. 4.04.001 Conflicting provisions**

The local amendments to the codes adopted within this chapter shall prevail over any conflicting provisions of such codes.

###### **Sec. 4.04.002 Definitions**

In the adopted codes:

- (1) Jurisdiction shall mean the City of San Angelo, Texas;
- (2) References to a fee schedule shall mean appendix A of the Code of Ordinances of the city.

###### **Sec. 4.04.003 Penalty**

Violation of any provision of the adopted codes as amended is a class C misdemeanor offense punishable by fine only as established in section 1.01.009 of the Code of Ordinances of the city, and shall be read as if revised therein. Additional technical revisions of the adopted codes may be found within the sections applicable to each code.

###### **Secs. 4.04.004–4.04.030 Reserved**

##### **Division 2. Building\***

###### **Part I. In General**

###### **Sec. 4.04.031 Building official**

The administrator of the inspections and permits department is the designated building official of the city.

###### **Sec. 4.04.032 Building numbering**

###### **(a) Owner or occupant to number buildings.**

- (1) Placement of number. The owner or occupant of each building in the city shall place and maintain on the building an official building number in a conspicuous place that can be clearly seen from the public street. This requirement does not apply to accessory buildings. The number must be in place prior to final inspection.

- (2) Official numbering plan to be followed. Buildings must be numbered in compliance with this section and in accordance with the plan delineating and prescribing the method of numbering buildings that is on file in the inspections and permits office of the city.
    - (3) Designation of number. The inspections and permits department shall designate the official number that is to be placed on each building. A person may request an official number designation by submitting a legal description of the property to this department.
  - (b) Specifications for numbers. An official building number, placed pursuant to this section, must be at least four inches (4") high and one-half inch (0.5") wide in the thickness of stroke, composed of a durable material and of a color which provides a contrast to the background.
  - (c) Odd and even numbers.
    - (1) Odd numbers shall be assigned to the south side and even numbers assigned to the north side of streets and public accesses running east and west or substantially in that direction. Odd numbers shall be assigned to the west side and even numbers assigned to the east side of streets and public accesses running north and south or substantially in that direction.
    - (2) When a street shall substantially change direction, yet retain one name, the numbering of buildings shall follow the pattern established at the beginning of the street, the beginning being that point where the building with the lowest numbers are located.
  - (d) Basic units of space for numbering. The basic unit of space for numbering along public streets and public accesses is twenty-five feet (25'). However, in shopping centers, townhouse areas, apartment areas and other building complexes where the inspections and permits department determines that the twenty-five foot (25') unit is not adequate, it may assign a basic unit of ten feet (10').
  - (e) Numbering within building complexes.
    - (1) A building complex composed of multiple structures must have an official number assigned to each building. Each unit within each building must also be assigned an official number. If there is sufficient street frontage, each unit or building may be assigned an official street address number. The official number must be prominently posted on the building so that it is visible, where possible, from the nearest vehicular access. The official number for each unit must be conspicuously posted on the unit.
    - (2) If a building is situated within a complex in such a way that it is not visible from a vehicular access, the owner shall post and maintain directional signs along the nearest vehicular access indicating the location of the building and unit numbers.
  - (f) Directional signs within building complexes.
    - (1) In a building complex composed of multiple structures that contains internal vehicular accesses, if each official building number is not discernible from the public street, the owner of the building complex shall post directional signs at each entrance to the complex and at each intersection of vehicular accesses, other than public streets, within the complex.
    - (2) For the purpose of this section, an entrance to a complex is a point at which vehicular access to the complex, other than a public street, intersects with a public street.
    - (3) The directional signs must indicate the direction to buildings and units by number, must be legible from the vehicular access, and must be of a color that is in contrast to the background.

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(g) Diagram of mall areas. The owner of a building complex that contains a mall area shall submit to the police and fire departments a diagram of the complex indicating the location of each business. When a change in a business location is made, the owner shall advise the police and fire departments in writing of the change.

**Sec. 4.04.033 Wood shingles and shakes**

(a) Untreated wood shingles and shakes are prohibited as a roof and/or wall covering. Treated wood shingles and shakes are allowed and are defined as those wood shingles and shakes that are factory impregnated by a UL or other nationally recognized testing agency approved method for rendering such shingles and shakes fire retardant. In addition, such treated shingles and shakes shall carry at least a class C roof covering rating, and shall be installed on a solid deck, in accordance with the building code.

(b) Roofs existing at the effective date of this section may be repaired with a roof covering of the same type as the original roof, provided that such repair does not exceed fifty (50) percent of the surface area of the roof, and does not result in an increase in the total surface area of the roof. Repairs shall not exceed fifty (50) percent of the roof surface area within any twelve (12) month period unless class C or better roof covering is utilized.

**Sec. 4.04.034 House or building moving**

The owner of any house, building or structure proposed to be moved shall make all necessary improvements required in order for said house, building or structure to comply with the requirements of this code within 90 days from the date of the issuance of the moving permit. Extensions of such time as deemed reasonable may be granted by the building official upon a showing of delay caused by matters beyond the control of the owner or house mover. The owner or house mover shall file with the building official a written request for such an extension. The inspections and permits department shall inspect the house, building or structure which is the subject of the permit to determine the cause of delay. After inspection, the inspections and permits department shall submit its findings to the building official. The building official may, as it determines appropriate, extend the time period of the original permit or deny any extensions. The application for the moving permit shall be accompanied by an application for a building permit, accompanied by complete plans and specifications showing the changes or conditions of said house, building or structure as the same is proposed to be when moving, and all contemplated improvements, signed by the owner or the owner's agent.

**Sec. 4.04.035 Concrete slab and foundation construction**

(a) The purpose of this section is to provide concrete slab and foundation specifications for typical residential construction.

(b) When slab-on-ground construction is proposed, the site shall be suitable for such purposes. Slab-on-ground construction shall not be used on sites with a groundwater or hydrostatic pressure condition near the ground surface.

(c) The minimum slab and foundation requirements and specifications shall be as pictured in exhibits 1 and 2, which are incorporated herein for all purposes.

(d) Prior to a foundation being poured, rectilinear lots shall be staked out according to the property pins, with a string pulled (d) Prior to a foundation being poured, rectilinear lots shall be staked out according to the property pins, with a string pulled delineating where the property line is. For curved lots, the "survey table for curved lots" of this section shall be used to determine if a survey, showing the proposed foundation, shall be submitted to the building official, or his designee. Alternatively, a licensed

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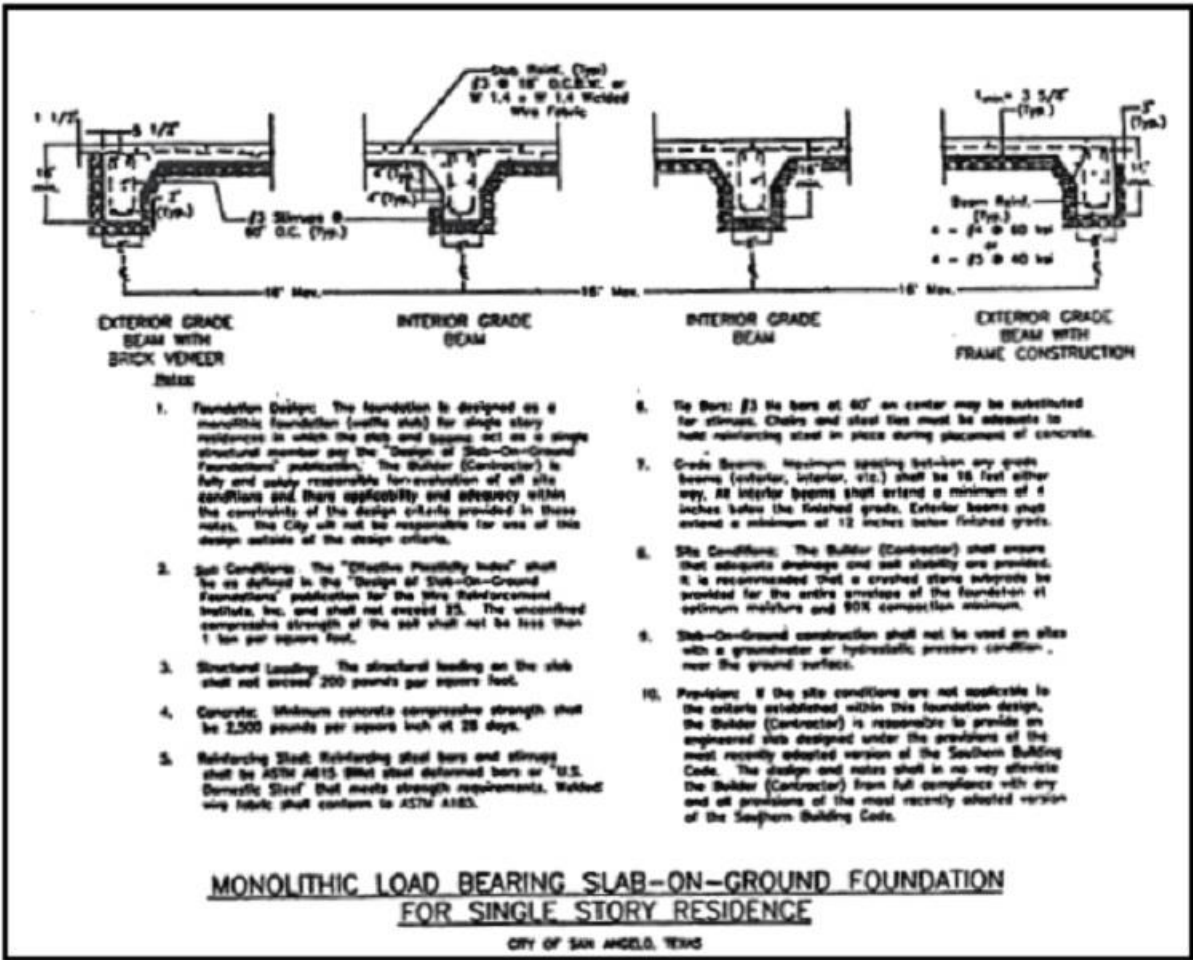
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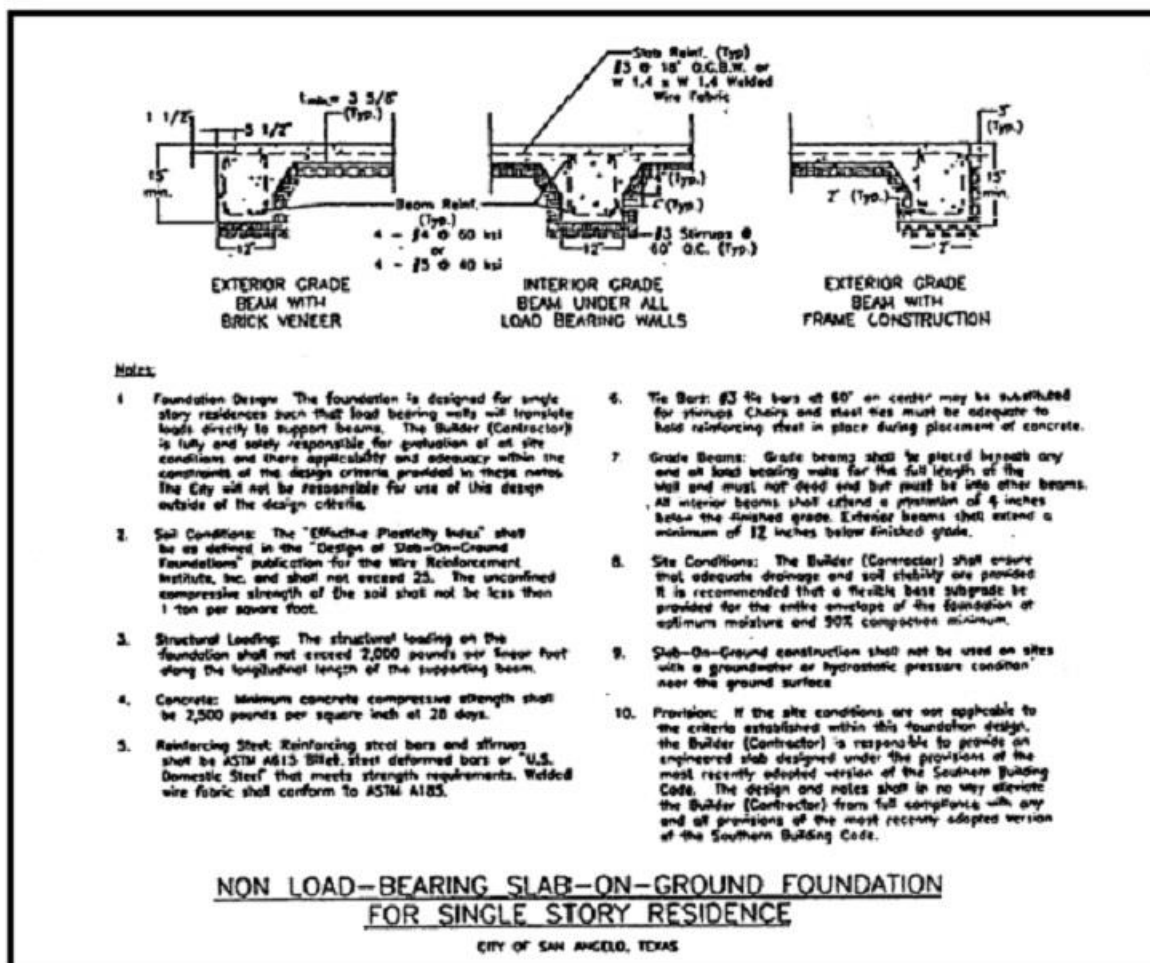
surveyor or engineer may certify that the foundation is located outside of the required setbacks on a form provided by the city that must be signed/sealed.

**SURVEY TABLE FOR CURVED LOTS**

|                  |             | curve radius |      |      |      |       |       |       |
|------------------|-------------|--------------|------|------|------|-------|-------|-------|
|                  |             | 50'          | 400' | 500' | 800' | 1000' | 2000' | 3000' |
| <b>Lot width</b> | <b>40'</b>  | yes          | no   | No   | no   | no    | no    | no    |
|                  | <b>50'</b>  | yes          | yes  | yes  | no   | no    | no    | no    |
|                  | <b>60'</b>  | yes          | yes  | yes  | yes  | no    | no    | no    |
|                  | <b>70'</b>  | yes          | yes  | yes  | yes  | no    | no    | no    |
|                  | <b>80'</b>  | yes          | yes  | yes  | yes  | yes   | no    | no    |
|                  | <b>90'</b>  | yes          | yes  | yes  | yes  | yes   | no    | no    |
|                  | <b>100'</b> | yes          | yes  | yes  | yes  | yes   | no    | no    |
|                  | <b>120'</b> | yes          | yes  | yes  | yes  | yes   | yes   | no    |
|                  | <b>140'</b> | yes          | yes  | yes  | yes  | yes   | yes   | yes   |

CONCRETE SLAB ILLUSTRATION #1



**Sec. 4.04.036 Trench safety**

(a) On all construction projects, public or private, in which trench excavation will exceed a depth of five feet, within its boundaries of the city, or within the extraterritorial jurisdiction, the bid document and the contract shall contain:

- (1) Detailed plans and specifications for adequate safety systems that meet OSHA standards; and
- (2) A pay item for those safety systems.

(b) This requirement shall not apply to persons subject to safety standards adopted under V.T.C.A., Utilities Code, section 121.201 et seq., and subject to the administrative penalty provisions of V.T.C.A., Utilities Code, section 121.206 et seq.

**Secs. 4.04.037–4.04.060 Reserved****Part II. Code****Sec. 4.04.061 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

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International Building Code, 2015 edition, in its entirety, save and except chapters 13, 27, and 32, and appendices A, B, D, E, H, I, J, and section 101.4.4, and save and except:

Section 105.3.2, entitled “Existing building inspections,” which shall be added and read as follows:

105.3.2 Existing building inspections. Before issuing a permit, the building official may examine or cause to be examined any building, electrical, gas, mechanical, or plumbing systems for which an application has been received for a permit to enlarge, alter, repair, move, demolish, install, or change the occupancy. The building official shall inspect all buildings, structures, electrical, gas, mechanical and plumbing systems, from time to time, during and upon completion of the work for which a permit was issued, except that eligible work done on building, electrical, gas, mechanical, or plumbing systems by persons participating in a permit voucher program authorized by the city council may be inspected on a random basis in accordance with the requirements of the authorized program. The building official shall make a record of every such examination and inspection and of all violations of the technical codes.”

Section 111.1, entitled “Use and Occupancy,” which shall instead read as follows:

111.1 Use and occupancy. A building or structure shall not be used or occupied, and a change in the existing type of business use with additional requirements as indicated in chapter 3 “Use and Occupancy Classification,” or a change in the occupancy classification of a building or structure or portion thereof shall not be made, until the building official has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction.

Exceptions:

- 1) Changes in ownership where the use and/or occupancy remain the same are not required to obtain a change of occupancy;
- 2) A new occupancy by a like or similar use where additional restrictions are not required by chapter 3 are not required to obtain a change of occupancy;
- 3) Certificates of occupancy are not required for work exempt from permits under section 105.2.

Section 1612.3, entitled “Establishment of flood hazard areas,” which shall instead read as follows:

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 San Angelo, Texas” dated June 19, 2012, 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.

**Secs. 4.04.062–4.04.090   Reserved**

**Division 3. Residential Code\***

**Sec. 4.04.091   Building official**



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The administrator of the inspections and permits department is the designated building official of the city.

#### **Sec. 4.04.092 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

International Residential Building Code, **2015** edition, in its entirety, save and except chapters 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, and appendices A, B, C, F, I, L, M, D, and P, **and N1101.14 Certificate (Mandatory)**, and save and except:

#### **Section R101.1. Title., which is amended to read as follows:**

**R101.1 Title. These provisions shall be known as the Residential Code for One- and Two-family Dwellings of the City of San Angelo, and shall be cited as such and will be referred to herein as "this code".**

Table 301.2(1), which is amended to read as follows:

**Ground Snow Load: 5 psf**

**Wind Speed: Nominal Design = 90 mph**

**Ultimate Design = 115 mph**

**Seismic Design: Category 0**

**Weathering: Moderate**

**Frost Line: 12 inches**

**Termite: Slight to Moderate**

**Winter Design Temp: 32 degrees F**

**Ice Barrier Underlayment Required: No**

**Flood Hazards: First Ordinance Adopted, July 27, 1976**

**Date of Current Map, June 19, 2012**

**Air Freezing Index: 50**

Section R403.1.6, entitled "Foundation anchorage," which shall instead read as follows:

**R403.1.6 Foundation anchorage. Wood sill plates and wood walls supported directly on continuous foundations shall be anchored to the foundation in accordance with this section.**

**Cold-formed steel framing shall be anchored directly to the foundation or fastened to wood sill plates anchored to the foundation. Anchorage of cold-formed steel framing and sill plates supporting cold-formed steel framing shall be in accordance with this section and Section R505.3.1 or R603.3.1.**

**Wood sole plates at all exterior walls on monolithic slabs, wood sole plates of braced wall panels at building interiors on monolithic slabs and all wood sill plates shall be anchored to the foundation with minimum ½ -inch- diameter anchor bolts spaced a maximum of 6 feet on center or approved anchors or anchor straps spaced as required to provide equivalent anchorage to ½-inch-diameter anchor bolts. Bolts shall be a**

minimum of 8" long and shall extend a minimum of 5 inches into concrete or grouted cells of concrete masonry units. The bolts shall be located in the middle third of the width of the plate. A nut and washer shall be tightened on each anchor bolt. There shall be a minimum of two bolts per plate section with one bolt located not more than 12 inches or less than seven bolt diameter from each end of the plate section. Interior bearing wall sole plates on monolithic slab foundation that are not part of a braced wall panel shall be positively anchored with approved fasteners. Sill plates and sole plates shall be protected against decay and termites where required by Sections R317 and R318.

Exceptions:

1. Walls 24 inches total length or shorter connecting offset braced wall panels shall be anchored to the foundation with a minimum of one anchor bolt located in the center third of the plate section and shall be attached to adjacent braced wall panels at corners as shown in Item 9 of Table R602.3(1).
2. Connection of walls 12 inches total length or shorter connecting offset braced wall panels to the foundation without anchor bolts shall be permitted. The wall shall be attached to adjacent braced wall panels at corners as shown in Item 9 of Table R602.3 (1).

Section R602.6.1, entitled "Drilling and notching of top plate," which shall instead read as follows:

R602.6.1 Drilling and notching of top plate. Where piping or ductwork is placed in or partly in an exterior wall or interior loadbearing wall, necessitating cutting, drilling or notching of the top plate by more than 50 percent of its width, a galvanized metal tie not less than 0.054 inches thick (1.37 mm) (16ga) and 1-1/2 inches (38 mm) wide shall be fastened across and to the plate at each side of the opening with not less than four 8d nails at each side or equivalent. The metal tie must extend not less than 6 inches past the opening. See Figure R602.6.1.

Exception: When the entire side of the wall with the notch or cut is covered by wood structural panel sheathing.

Table N1102.1.2, and Table N1102.1.4, which shall be changed to read as follows:

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**TABLE N1102.1.2 (R402.1.1)**  
**INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT**

| CLIMATE ZONE | FENESTRATION U-FACTOR | SKYLIGHT U-FACTOR | GLAZED FENESTRATION SHGC | CEILING R-VALUE | WOOD FRAME WALL R-VALUE | MASS WALL R-VALUE | FLOOR R-VALUE | BASEMENT WALL R-VALUE | SLAB R-VALUE & DEPTH | CRAWL SPACE WALL R-VALUE |
|--------------|-----------------------|-------------------|--------------------------|-----------------|-------------------------|-------------------|---------------|-----------------------|----------------------|--------------------------|
| 3            | 0.40                  | 0.60              | 0.30                     | 30              | 15 OR 13+1              | 5/8               | 19            | 5/13                  | 0                    | 5/13                     |

**TABLE N1102.1.4**  
**EQUIVALENT U-FACTORS**

| CLIMATE ZONE | FENESTRATION U-FACTOR | SKYLIGHT U-FACTOR | CEILING U-FACTOR | FRAME WALL U-FACTOR | MASS WALL U-FACTOR | FLOOR U-FACTOR | BASEMENT WALL U-FACTOR | CRAWL SPACE WALL U-FACTOR |
|--------------|-----------------------|-------------------|------------------|---------------------|--------------------|----------------|------------------------|---------------------------|
| 3            | 40                    | 0.60              | 0.035            | 0.070               | 0.098              | 0.047          | 0.091                  | 0.136                     |

Section N1102.2.2, entitled "Ceilings without attic spaces," which shall instead read as follows:

**N1102.2.2 Ceilings without attic spaces. Where Section N1102.1.2 would require insulation levels above R-30 and the design of the roof/ceiling assembly does not allow sufficient space for the required insulation, the minimum required insulation for such roof/ceiling assemblies shall be R-19. This reduction of insulation from the requirements of Section N1102.1.2 shall be limited to 500 square feet or 20 percent of the total insulated ceiling area, whichever is less. This reduction shall not apply to the U factor alternative approach in Section N1102.1.4 and the total UA alternative in Section 1102.1.5.**

**N1102.4.1.2 Testing, which is deleted in its entirety and replaced to read as follows:**

**N1102.4.1.2 Testing – Visual Inspection option. Building envelope tightness and insulation installation shall be considered acceptable when the items listed in Table N1102.4.1.1, applicable to the method of construction, are field verified. Where required by the code official, an approved party independent from the installer of the insulation shall inspect the air barrier and insulation.**

**N1103.3.3 Duct testing, which is deleted in its entirety and replaced to read as follows:**

**N1103.3.3 Duct testing. Duct testing and installation shall be considered acceptable when the prescriptive requirements of Section N1103.3, applicable to the method of construction, are field verified. Where required by the code official, an approved party independent from the installer of the duct system shall inspect the air barrier and insulation.**

Section M1411.3.1.1, entitled "Water level monitoring devices," which shall instead read as follows:

**M1411.3.1.1 Water level monitoring devices. On down-flow units and all other coils that have no secondary drain and no means to install an auxiliary drain pan, a water-level monitoring device shall be installed inside the primary drain pan. This device shall shut off the equipment served in the event that the primary drain becomes restricted. Externally installed devices and devices installed in the drain line shall be permitted.**

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**Secs. 4.04.093–4.04.120    Reserved**

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**Division 4. Plumbing\***

**Part I. In General**

**Sec. 4.04.121    Code official**

The administrator of the inspections and permits department is the designated code official for enforcement of the International Plumbing Code and the provisions of this division.

**Sec. 4.04.122    Permits**

(a) **Licensed plumber obtaining permit for another.** It shall be unlawful for any licensed plumber to allow any person not directly and regularly employed by and working under the direction of such licensed plumber to perform any plumbing work on a project for which such licensed plumber has obtained a permit.

(b) **Emergency plumbing work. In case of an emergency that necessitates the performance of plumbing work that requires a permit, at a time when the inspections and permits department is closed, such plumbing work may be performed before a permit is obtained. A permit shall be applied for during the first day the inspections and permits department is open following commencement of such plumbing work. The work shall be subject to inspection when completed.**

**Sec. 4.04.123    Homeowner's permit**

To qualify for a homeowner's permit, only the homeowner or members of the homeowner's immediate family, who reside at the dwelling for which the permit has been obtained, may perform plumbing work under the homeowner's permit. Violations by any person, firm, corporation, or associate of any of the stated conditions or requirements shall be cause for revocation of the permit. A homeowner's permit will be issued only if all of the following conditions are met:

- (1) The structure on which the plumbing work is to be performed is a residential dwelling.
- (2) The person receiving the permit is the owner and occupant of such dwelling.
- (3) The dwelling for which the permit is issued is not rental property.
- (4) The person receiving the permit has received a homestead exemption from the tax assessor/collector office at the county courthouse.

**Sec. 4.04.124    License number to be displayed on vehicles**

The number of any plumbing license issued under the provisions of this code shall be printed on both sides of any vehicle used by the person or firm to whom such license is issued. Said license number shall be in plain block numerals at least two inches (2") high and in a color which contrasts with the background. These numbers are to be located within three (3) feet of the front passenger door and the driver door.

**Sec. 4.04.125    Schedule of permit fees**

On all plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required at the time of filing application in accordance with the fee schedule found in appendix A of this code.

**Sec. 4.04.126    Insurance requirements**

(a) **Requirements.** Before any owner, authorized agent, contractor or corporation that is required to obtain a plumbing permit shall perform the work for which the permit is required, such owner, authorized

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agent, contractor or corporation shall provide to the inspections and permits department a certificate of insurance in the amount of at least one hundred thousand dollars (\$100,000.00) combined single limit liability per occurrence for bodily injury and property damage. This insurance shall be carried with a company licensed to do business in Texas.

(b) Exceptions. The following persons shall not be required to furnish insurance:

- (1) Maintenance workers or engineers who do work incidental to and in connection with the business in which they are employed or engaged.
- (2) Railroad employees who do construction, installation and maintenance work on the premises or equipment of a railroad.
- (3) Public service company employees engaged in laying, maintaining and operating service mains or lines.
- (4) A liquid petroleum gas installer when working and licensed under chapter 113, Natural Resources Code, as amended.
- (5) A property owner doing work in a building owned or occupied as the owner's homestead.

**Sec. 4.04.127 Sewer connections**

- (a) For new service, the city shall tap all city mains and laterals for private connections and run the service to the property line. The property owner shall thereafter be responsible for all maintenance of the sewer line to the tap.
- (b) For existing service, the property owner shall be responsible for all maintenance of the sewer line to the tap. All repairs to the sewer line to the tap shall be the responsibility of the property owner.
- (c) If the repair involves that portion of the service line within the public right-of-way, the property owner shall be responsible for the paving cut. The person obtaining the paving cut permit shall be responsible for providing payment to the city for the paving cut repair costs, in accordance with established procedures.
- (d) The city may, if that portion of the line within the right-of-way fails due to a lack of maintenance of the right-of-way, participate in the costs of repair for that portion of the line within the right-of-way.

**Sec. 4.04.128 Lawn sprinklers and irrigation piping systems**

- (a) Lawn sprinkler systems and irrigation piping systems shall be equipped with an approved backflow preventer to protect against contamination of the potable water system. The following devices shall be acceptable:
  - (1) Anti-siphon vacuum breakers, reduced pressure zone backflow preventer, double check type back pressure backflow preventer equipped with gate valves and test cocks.
  - (2) Atmospheric type vacuum breakers shall be installed downstream of the last control valve at least 6 inches above the level of the highest sprinkler head.
  - (3) All protective devices shall be installed in an accessible location to allow for inspection and maintenance and to isolate the sprinkler system from all other piping in the system.
- (b) All lawn sprinkler systems, irrigation piping systems and piping for domestic use, whether connected to the city's water system or other water wells, shall be subject to the permit and inspection requirements

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of this code, as well as all other requirements applicable to irrigation systems, including subsection (a) above.

**Secs. 4.04.129–4.04.150 Reserved**

**Part II. Code**

**Sec. 4.04.151 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

International Plumbing Code, **2015** edition, in its entirety, save and except for Appendix A, and save and except:

Section 106.6.3, entitled “Fee refunds,” which shall instead read as follows:

**106.6.3 Fee refunds. The code official shall authorize the refunding of fees as outlined in the fee schedule (Appendix A) of the City of San Angelo Code of Ordinances.**

Section 305.4.1, entitled “Sewer depth,” which shall instead read as follows:

**305.4.1 Sewer depth.** Building sewers that connect to private sewage disposal systems shall be a minimum of 4 inches (101.6 mm) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 4 inches (101.6 mm) below grade.

Section 308.7, entitled “Anchorage,” which shall instead read as follows:

**308.7 Anchorage. Anchorage shall be provided to restrain drainage piping and water stub-outs from excessive axial movement.**

Section 312.2, entitled “Drainage and vent water test”, which shall instead read as follows:

**312.2 Drainage and vent water test. A water test shall be applied to the drainage system either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system shall be filled with water to the point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest openings of the section under test, and each section shall be filled with water, but no section shall be tested with less than a 10-foot head of water. In testing successive sections, at least the upper 10 feet of the next preceding section shall be tested so that no joint or pipe in the building, except the uppermost 10 feet of the system, shall have been submitted to a test of less than a 10-foot head of water. This pressure shall be held for not less than 15 minutes. The system shall then be tight at all points.**

**Exception: A water test shall not be required at the top out inspection. The Permits Division shall document whether purple primer or a water test was performed during the top out inspection, if performed.**

Section 407.2, entitled “Bathtub waste outlets and overflows”, which shall instead read as follows:

**407.2 Bathtub waste outlets and overflows. Bathtubs shall be equipped with a waste outlet. The outlets shall be connected to waste tubing or piping not less than 1 ½ inches in diameter. The waste outlet shall be equipped with a water-tight stopper.**

Section 410.4, entitled “Substitution”, which shall instead read as follows:

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**410.4 Substitution. Where restaurants provide drinking water in a container free of charge, drinking fountains shall not be required in those restaurants. In other occupancies, where drinking fountains are required, water coolers or bottled water dispensers provided free of charge shall be permitted to be substituted for the first of such required drinking fountains and not more than 50 percent of the remaining required drinking fountains.**

**Section 417.3, entitled "Shower waste outlet," which shall instead read as follows:**

**417.3 Shower waste outlet. Waste outlets serving showers shall be at least 2 inches (38 mm) in diameter and, for other than waste outlets in bathtubs, shall have removable strainers not less than 3 inches (76 mm) in diameter with strainer openings not less than 0.25 inch (6.4 mm) in minimum dimension. Where each shower space is not provided with an individual waste outlet, the waste outlet shall be located and the floor pitched so that the waste from one shower does not flow over the floor area serving another shower. Waste outlets shall be fastened to the waste pipe in an approved manner.**

**Section 603.2, entitled "Separation of water service and building sewer," which shall instead read as follows:**

**603.2 Separation of water service and building sewer. Water service pipe and the building sewer shall be separated by 5 feet of undisturbed or compacted earth. The required separation distance shall not apply where a water service pipe crosses a sewer pipe, provided the water service is sleeved to a point not less than 5 feet horizontally from the sewer pipe centerline on both sides of such crossing. The sleeve shall be of pipe materials listed in Table 605.3, 702.2 or 702.3.**

**Section 607.2, entitled "Hot or tempered water supply to fixtures," which shall instead read as follows:**

**607.2 Hot water supply temperature maintenance. Where the developed length of hot water piping from the source of hot water supply to the farthest fixture exceeds 100 feet, the hot water supply system shall be provided with a method of maintaining the temperature in accordance with Chapter 11 of the International Residential Code.**

**Section 705.11.2, entitled "Solvent cementing," which shall instead read as follows:**

**705.11.2 Solvent cementing. Joint surfaces shall be clean and free from moisture. A primer that conforms to ASTM F 656 shall be applied to all rough in and top out connections. Clear primers will be allowed only at trim out connections. Solvent cement not purple in color and conforming to ASTM D 2564, CSA B137.3, CSA B181.2 or CSA B182.1 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM D 2855. Solvent-cement joints shall be permitted above or below ground.**

**Exception 1: A primer is not required where both of the following conditions apply:**

- 1. The solvent cement used is third-party certified as conforming to ASTM D 2564.**
- 2. The solvent cement is used only for joining PVC drain, waste and vent pipe and fittings in nonpressure applications in sizes up to and including 4 inches in diameter.**

**Section 903.1, entitled "Roof extension," which shall instead read as follows:**

**903.1 Roof Extension. Open vent pipes that extend through a roof shall be terminated not less than 6 inches (152.4 mm) above the roof. Where a roof is to be used for**

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**assembly or as a promenade, observation deck, sunbathing deck, or similar purposes, open vent pipes shall terminate not less than 7 feet (2,134 mm) above the roof.**

#### **Sec. 4.04.152 Definitions**

Section 202 is amended by adding:

Board. The word “board” shall mean the construction board of adjustments and appeals of the city created pursuant to the International Building Code.

City. The word “city” shall mean the City of San Angelo, Texas.

Code. The word “code,” when used alone, shall mean all of the provisions of this division of the city Code of Ordinances and the International Plumbing Code.

Council. The word “council” shall mean the city council of the City of San Angelo, Texas.

Inspections and permits department. The department assigned the responsibility by the city of enforcing and administering the International Plumbing Code and this chapter of the Code of Ordinances of the city.

Plumbing inspector. The designee of the code official assigned the responsibility of enforcing this code.

#### **Secs. 4.04.153–4.04.180 Reserved**

### **Division 5. Electricity\***

#### **Part I. In General**

#### **Sec. 4.04.181 Code official**

The administrator of the inspections and permits department is the designated code official for enforcement of the International Electrical Code and the provisions of this division.

#### **Sec. 4.04.182 Definitions**

Board. The construction board of adjustments and appeals.

City. The City of San Angelo, Texas.

Code. When used alone, shall mean all of the provisions of this division of the city Code of Ordinances.

Conduit. Shall have the same meaning as “raceway” as defined in article 100 of the National Electrical Code.

Consumer. One who uses electricity on premises.

Council. The city council of the City of San Angelo, Texas.

Electrical inspector. A person employed by the city to perform electrical inspections and related duties.

Electrical work. Any work involving the installation of electrical materials or devices. It includes, but is not limited to, work involving installation of the following:

- (1) Power and lighting systems, secondary services, distribution panels, lighting panels, conduits, junction boxes, pull boxes, outlets, feeders, sub-feeders, wiring devices, service fittings, lighting fixtures, lamps or other devices.
- (2) All power and control wiring and any other electrical installations incidental to any equipment furnished by any other contractors, owners or their agents. Electrical work does



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not include such minor work as repairing flush switches, replacing fuses and changing lamp sockets and receptacles.

License. Written authorization from the state to engage in a particular activity. It shall signify that the recipient has satisfactorily demonstrated he is competent in a particular field. It does not mean that the city guarantees or warrants the licensee's competence. All references in this code to a "license" or someone who is "licensed" shall be references to a license issued by the city or the state, unless another meaning is specifically stated.

Secretary. The secretary of the construction board of adjustments and appeals.

#### **Sec. 4.04.183 Electrical contractors**

(a) Registration required. Any person desiring to engage in the business of electrical contracting shall register in the inspections and permits department the name, address and telephone number under which they will be doing business and meet all other such requirements more fully enumerated within this chapter.

(b) Master electrician required. Any person engaged in the electrical contracting business shall have a master electrician license, or must employ a full-time licensed master electrician. All master electricians shall register in the inspections and permits department their name, address, telephone number and the name of the electrical contracting company, and such master who obtains the permit shall be responsible for carrying out the provisions of this division in its entirety.

(c) Extenuating circumstances. In case of the death, disability or termination of a master license holder, the firm will be allowed to complete all work for which permits have been issued, provided the board determines that they have adequate supervision and provided that such work is completed within six (6) months of the death, disability or termination of the master license holder.

(d) Insurance. Each registered electrical contractor shall furnish the city with a certificate of insurance sufficient to demonstrate financial responsibility in amounts equal to or greater than those required by state law at the time of registration and upon renewal.

(e) Supervision. A licensed master shall maintain adequate supervision over all journeymen and other persons working directly under or for the master on any project or job for which a permit has been secured by the master electrician. Adequate supervision for the purposes of this subsection shall mean that the master electrician shall maintain such contact with a job or project for which the master electrician has obtained a permit as necessary to assure that those electricians and others under the master electrician's control and direction are complying and have complied with all applicable provisions of the electrical code of the city.

#### **Sec. 4.04.184 General electrical construction requirements**

(a) Disconnects.

(1) Requirements. Outside main disconnects shall be required on all new structures and on new main service to existing structures.

(2) Exceptions.

(A) In buildings with sprinklers throughout, in accordance with NFPA 13, Standard for the Installation of Sprinkler Systems, disconnects may be installed in accordance with NFPA 70, National Electrical Code.

(B) The building official may require an outside disconnect for safety concerns when the building or structure is constructed of at least Type IV construction and is normally unoccupied.

(b) Temporary meter location and power permit.

(1) Temporary power and/or lighting shall meet all requirements of this code and, when a meter installation is necessary, the meter shall be attached to a substantially mounted and braced pole.

(2) If from ground mount transformer, the power drop shall conform to the requirements of this code.

(3) All installations of temporary meter locations and/or temporary power shall be required to obtain an electrical permit. This may be a part of the initial electrical permit for the job. The electrical inspector shall approve and inspect the temporary meter location and/or temporary power at the first required inspection or at the rough-in inspection, whichever is appropriate.

(c) Temporary power permit for buildings or premises under construction. Subject to all of the requirements for obtaining a general permit, a temporary power permit to temporarily energize the permanent service in a new building or structure, or in a building or structure being remodeled, may be issued. This permit may be issued for the time necessary to complete the construction that requires electrical power, for a period of time not to exceed ninety (90) days. Upon the expiration of the temporary power permit, the electrical inspector shall have the authority to order the electrical power to the premises for which the permit was issued disconnected. If necessary to complete construction, more than one temporary power permit for construction may be issued per construction job.

(d) Change of occupancy. If the occupancy classification of an existing building changes, the electrical system shall be made to conform to the intent of this code as required by the building official.

**Sec. 4.04.185 Electrical permits**

(a) Homeowner's permit. Only the homeowner or members of the homeowner's immediate family, who reside at the single-family dwelling for which the permit has been obtained, may perform electrical work under the homeowner's permit. A violation by any person, firm, corporation or association of any of the stated conditions or requirements shall be cause for revocation of the permit. A homeowner's permit will be issued only if all of the following conditions are met:

- (1) The structure on which the electrical work is to be performed is a single-family dwelling;
- (2) The person receiving the permit is the owner of such single-family dwelling;
- (3) The single-family dwelling for which the permit is issued is not rental property;
- (4) The person receiving the permit has received a homestead exemption from the tax assessor/collector's office at the county courthouse.

(b) Who may obtain an electrical permit. A permit to perform electrical work may be obtained by a homeowner who qualifies for a homeowner's permit under the foregoing provisions.

**Sec. 4.04.186 Electrical permit fee schedule**

The fees applicable to all electrical work performed in the city are as provided for in the fee schedule found in appendix A of this code. The fees shall be paid to the city through the inspections and permits department.

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**Sec. 4.04.187 Prohibited acts**

(a) Master obtaining permit for another. It shall be unlawful for any licensed electrical contractor to allow any person not directly and regularly employed by, and working under the direction of, such contractor to perform electrical work on a project for which such contractor has obtained a permit.

(b) Non-concealment of work required. It shall be unlawful for any person, firm, corporation or association to lath, seal or in any manner conceal any electrical work until such work has been inspected and approved by an electrical inspector. It shall be unlawful for any person, firm, corporation, or association who has performed electrical work in violation of this division to intentionally and knowingly attempt to cover or camouflage said violations in an effort to pass the electrical inspection.

(c) Approval for electrical power connection. It shall be unlawful for any person, firm, corporation or association to connect electrical power to any public or commercial premises before obtaining approval from an electrical inspector. Where electrical power has been disconnected to public or commercial premises, approval is necessary before reconnection.

(d) Failure to comply with state licensing. Failure to comply with all applicable state laws and regulations promulgated under authority granted in the Texas Occupations Code related to electricians shall constitute a violation of this code.

**Sec. 4.04.188 Required inspections**

(a) The master electrician or homeowner shall be responsible for notification to the inspections and permits department when the following electrical installations are ready for required inspections:

(1) Slab rough-in inspection. An electrical installation shall be considered ready for slab rough-in inspection at such time that all raceways and outlet boxes are installed and prior to pouring of concrete and concealment.

(2) Rough-in inspection. An electrical installation shall be considered ready for rough-in inspection at such time that all raceways, panel board cabinets, service equipment, outlet boxes, junction boxes, conductors and conductor splices are installed and before concealment.

(3) Minor extension exception. For minor extensions and additions, for which, in the previously expressed judgment of the electrical inspector, adequate inspection is possible after completion of the work, a rough-in inspection may not be required.

(4) Final inspection. An electrical installation shall be considered ready for final inspection upon completion of all electrical installation work and prior to a certification of compliance being issued.

(5) Additional inspections. The electrical inspector may, when necessary to assure compliance with this division, require additional inspections to the slab rough-in, rough-in, and final inspections.

(6) Presence of representative of contractor. The electrical inspector on any inspection may require the presence of a person representing the electrical contractor or homeowner to whom the permit is issued, at the inspection.

(b) It shall be unlawful for the electrical contractor or homeowner to fail to request a required inspection.

**Sec. 4.04.189 Wiring methods**

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(a) All wiring inside a building shall be installed in a continuous conduit system except that steel metal clad cable, as listed in article 330 of the **2014** edition of the National Electrical Code, shall be permitted.

(b) A continuous conduit system shall not be necessary for wiring in one- and two-family dwellings, and in multifamily dwellings. Number twelve (#12) wire shall be the minimum size and conductor used, except in the case of low voltage conductors.

(c) The exterior armor of metal clad cable shall be steel and shall be labeled **or** color coded on the exterior of the cable.

**Secs. 4.04.190–4.04.210 Reserved**

**Part II. Code**

**Sec. 4.04.211 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

National Electrical Code, **2014** edition, in its entirety, save and except for section **406.12**, and save and except:

Section 210.8, which is amended to read as follows:

Under 210.8, part A, item (2), add the following exceptions:

Exception No. 1: Receptacles that are not readily accessible.

Exception No. 2: A single receptacle or a duplex receptacle **each** for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A).

Receptacles installed under the exceptions to 210.8(A)(2) shall not be considered as meeting the requirements of 210.52(G).

**Section 210.8 (A)(7) Sinks which is which is amended to read as follows:**

**(7) Sinks – where receptacles are installed within 6 feet of the outside edge of the sink.**

**Exceptions:**

**1. Dishwashers and Disposals**

**Section 210.8 (A)(10) “Laundry Areas” which is to be deleted.**

**Section 210.8 (D) “Kitchen Dishwasher Branch Circuit” which is to be deleted.**

**Section 210.12 (A) “Dwelling Units” which is amended to read as follows:**

**(A) Dwelling Units. All 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets or devices installed in dwelling unit bedrooms shall be protected by any of the means described in 210.12 (A) (1) through (6):**

**Section 210.52 (G) (1) “Garages” which is amended to read as follows:**

**(1) Garages. In each attached garage and in each detached garage with electric power.**

**Section 300.5, Subsection (D)(3), which is amended to read as follows:**

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**(3) Service Conductors. All underground electrical installation shall be marked with red electrical warning ribbon, except for low voltage and communication wiring. Warning ribbon shall be installed under the NEC 2014 Sec. 300.5 subsection D3.**

**Section 406.9 (A), "Damp Locations", which is amended to read as follows:**

**(A) Damp Locations. A receptacle installed outdoors in a location protected from the weather or in other damp locations shall have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug cap not inserted and receptacle covers closed).**

**An installation suitable for wet locations shall also be considered suitable for damp locations.**

**A receptacle shall be considered to be in a location protected from the weather where located under roofed open porches, canopies, marquees, and the like, and will not be subjected to a beating rain or water runoff.**

**Secs. 4.04.212–4.04.240 Reserved**

**Division 6. Mechanical Work\***

**Part I. In General**

**Sec. 4.04.241 Permits**

(a) Licensed mechanical contractor obtaining permit for another. It shall be unlawful for any licensed mechanical contractor to allow any person not directly and regularly employed by and working under the direction of such licensed mechanical contractor to perform any mechanical work on a project for which such licensed mechanical contractor has obtained a permit.

(b) Emergency mechanical work. In case of an emergency that necessitates the performance of mechanical work that requires a permit, at a time when the inspections and permits department is closed, such mechanical work may be performed before a permit is obtained. A permit shall be applied for during the first day the inspections and permits department is open following commencement of such mechanical work. The work shall be subject to inspection when completed.

**Sec. 4.04.242 Schedule of permit fees**

On all mechanical systems or alterations requiring a permit, a fee for each permit shall be paid as required at the time of filing application, in accordance with the fee schedule found in [appendix A](#) of this code, which is incorporated herein by reference for all purposes.

**Sec. 4.04.243 Who may obtain a mechanical permit**

Only those individuals licensed by the state to do mechanical work (including proper endorsements), or those persons who fall within an exemption from licensing, may obtain a permit to do mechanical work.

**Sec. 4.04.244 Homeowners Permit**

**To qualify for a homeowner's permit, only the homeowner or members of the homeowner's immediate family, who reside at the dwelling for which the permit has been obtained, may perform mechanical work under the homeowner's permit. Violations by any person, firm, corporation, or associate of any of the stated conditions or requirements shall be cause for revocation of the permit. A homeowner's permit will be issued only if all of the following conditions are met:**

**(1) The structure on which the mechanical work is to be performed is a residential dwelling.**

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**(2) The person receiving the permit is the owner and occupant of such dwelling.**

**(3) The dwelling for which the permit is issued is not rental property.**

**(4) The person receiving the permit has received a homestead exemption from the tax assessor/collector office at the county courthouse.**

**Secs. 4.04.245–4.04.270 Reserved**

## **Part II. Code**

### **Sec. 4.04.271 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

International Mechanical Code, **2015** edition, in its entirety, save and except appendix B, sections 1101.10, 1102.3, and save and except:

Section 106.5.3, entitled “Fee refunds,” which shall instead read as follows:

**106.5.3 Fee refunds. The code official shall authorize the refunding of fees as outlined in the fee schedule (Appendix A) of the City of San Angelo Code of Ordinances.**

Section 307.2.3.1, entitled “Water-level monitoring devices,” which shall instead read as follows:

307.2.3.1 Water-level monitoring devices. On down-flow units and all other coils that do not have a secondary drain and do not have a means to install an auxiliary drain pan, a water-level monitoring device shall be installed inside the primary drain pan. This device shall shut off the equipment served in the event that the primary drain becomes restricted. Externally installed devices and devices installed in the drain line shall be permitted.

### **501.3 Exhaust discharge, which is amended to read as follows:**

**501.3 Exhaust discharge. The air removed by every mechanical exhaust system shall be discharged outdoors at a point where it will not cause a public nuisance and not less than the distances specified in Section 501.3.1. The air shall be discharged to a location from which it cannot again be readily drawn in by a ventilating system. Air shall not be exhausted into an attic, crawl space, or be directed onto walkways.**

#### **Exceptions:**

- 1. Whole-house ventilation-type attic fans shall be permitted to discharge into the attic space of dwelling units having private attics.**
- 2. Commercial cooking recirculating systems.**
- 3. Where installed in accordance with the manufacturer’s instructions and where mechanical or natural ventilation is otherwise provided in accordance with Chapter 4, listed and labeled domestic ductless range hoods shall not be required to discharge to the outdoors.**
- 4. In one- and two-family dwellings, bathroom exhausts shall be permitted to exhaust into an attic or crawl space.**

### **602.1 General, which is amended to read as follows:**

**602.1 General. Supply, return, exhaust, relief and ventilation air plenums shall be limited to uninhabited crawl spaces, areas above a ceiling or below the floor, attic spaces and mechanical**

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**equipment rooms. Plenums shall be limited to one fire area. Fuel-fired appliances shall not be installed within a plenum.**

**805.3 Factory-built chimney offsets which is amended to read as follows:**

**805.3 Factory-built wood chimney offsets. Where a factory-built chimney assembly incorporates offsets, no part of the chimney shall be at an angle of more than 30 degrees from vertical at any point in the assembly and the chimney assembly shall not include more than four elbows.**

**Sec. 4.04.272 Definitions**

The International Mechanical Code, chapter 2, section 202, is amended by adding:

Board. The word “board” shall mean the construction board of adjustments and appeals.

City. The word “city” shall mean the City of San Angelo, Texas.

Code. The word “code,” when used alone, shall mean all of the provisions of this division of the official code of the city.

Council. The word “council” shall mean the city council of the City of San Angelo, Texas.

Inspections and permits department. The department assigned the responsibility by the city of enforcing and administering the mechanical code.

Mechanical inspector. The person assigned the responsibility of enforcing this code.

Mechanical system. Mechanical system includes, but is not limited to, any heating, ventilating or air conditioning product, system, or equipment. The term does not include a portable or self-contained ductless air conditioning or heating product that has a cooling capacity of three (3) tons or less or a heating capacity of 36,000 British thermal units or less.

Mechanical work. Mechanical work means activity that includes, but is not limited to, designing, installing, constructing, maintaining, servicing, repairing, altering or modifying any heating, ventilating, or air conditioning product, system, or equipment. The term does not include the design, installation, construction, maintenance, service, repair, alteration, or modification of a portable or self-contained ductless air conditioning or heating product that has a cooling capacity of three (3) tons or less or a heating capacity of 36,000 British thermal units or less.

**Secs. 4.04.273–4.04.300 Reserved**

**Division 7. Energy Conservation\***

**Part I. In General**

**Sec. 4.04.301 Title**

This code shall be known as the International Energy Conservation Code of San Angelo, and shall be cited as such. It is referred to herein as “this code.”

**Sec. 4.04.302 Code official**

The administrator of the inspections and permits department is the designated code official for enforcement of the International Energy Conservation Code and the provisions of this division.

**Secs. 4.04.303–4.04.330 Reserved**

**Part II. Code**

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**Sec. 4.04.331 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

International Energy Conservation Code, **2015** edition, Commercial Provisions Chapters 1 through 6 and Index, in its entirety, save and except:

**C405.2.1 Occupant sensor controls, which is amended to read as follows:**

**C405.2.1 Occupant sensor controls. Occupant sensor controls shall be installed to control lights in the following space types:**

1. **Classrooms/lecture/training rooms**
2. **Conference/meeting/multipurpose rooms**
3. **Copy/print rooms**
4. **Lounges**
5. **Employee lunch and break rooms**
6. **Restrooms**
7. **Storage rooms**
8. **Janitorial Closets**
9. **Locker rooms**
10. **Warehouses**

**Delete C402.4.2 Minimum skylight fenestration area in its entirety.**

**Secs. 4.04.333–4.04.360 Reserved**

**Division 8. Existing Building Code**

**Sec. 4.04.361 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

The International Existing Building Code, **2015** edition, in its entirety.

**Secs. 4.04.362–4.04.390 Reserved**

**Division 9. Fuel Gas Code\***

**Sec. 4.04.391 Adoption and amendments**

The following code, as published by the International Code Council, Inc., is hereby adopted by reference as though it were copied herein fully, including all appendices, except where expressly excluded herein:

International Fuel Gas Code, **2015** edition, in its entirety, save and except appendix C.

**Secs. 4.04.392–4.04.420 Reserved**



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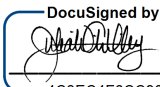
Section 3) THAT, the terms and provisions of this Ordinance shall be deemed to be severable in that if any portion of this Ordinance shall be declared to be invalid, the same shall not affect the validity of the other provisions of this Ordinance.

Section 4) THAT, this Ordinance shall be effective on, from and after the date of its passage and publication as required by law.

INTRODUCED with public hearing on the 2<sup>nd</sup> day of October, 2018, and finally PASSED, APPROVED and ADOPTED on this the 16<sup>th</sup> day of October, 2018.

**THE CITY OF SAN ANGELO, TEXAS:**

**ATTEST:**

DocuSigned by:  
  
1C3EC4F6CC9044A  
Julia Antiley, Interim City Clerk

DocuSigned by:  
  
650C124DADB840F  
Brenda Gunter, Mayor

**APPROVED AS TO FORM:**

DocuSigned by:  
  
F822428D610A4D4...  
Theresa James, City Attorney