

**Recommended Amendments to the
2012 International Building Code**
City of Amarillo Texas

The following sections, paragraphs, and sentences of the *2012 International Building Code* are hereby amended as follows: Standard type is text from the IBC. Underlined type is text inserted. Lined through type is deleted text from IBC. A double asterisk (**) at the beginning of a section identifies an amendment carried over from the 2006 edition of the code and a triple asterisk (***) identifies a new or revised amendment with the 2012 code.

****Section 101.1; change to read as follows:**

101.1 Title. These regulations shall be known as the *Building Code* of ~~[NAME OF JURISDICTION]~~ City of Amarillo, hereinafter referred to as "this code."

(Reason: Standard insertion point: [insert] to assist with local adoption.)

****Section 101.4; change to read as follows:**

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.6 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference and as adopted and amended by the City of Amarillo.

(Reason: Standard insertion point: [insert] to assist with local adoption.)

****Section 101.4.3; change to read as follows:**

101.4.3 Plumbing. The provisions of the *International Plumbing Code* shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. ~~The provisions of the *International Private Sewage Disposal Code* shall apply to private sewage disposal systems.~~

(Reason: Private sewage disposal systems are regulated in accordance with State law and Section 8-5-16 of the Amarillo Municipal Code.)

*****Section 101.4.7: Add section; change to read as follows:**

101.4.7, Referenced standards. The use of the following International Code, though not adopted, can be used as a resource.

International Wildland-Urban Interface Code (IWUIC). The provisions of this code, though not adopted, may be applied to the construction, alteration, movement, repair, maintenance and use of any building, structure or premises within the Wildland-Urban interface areas in this jurisdiction.

(Reason: To provide an additional resource for construction and safeguarding of life and property. These standards are intended to mitigate the risk to life and structures from intrusion of wildland fire exposures in selected locations as may be deemed necessary)

*****Section 104.12 Add section; change to read as follows:**

104.12 Registration of contractors. The Building Official shall receive applications from and register contractors in accordance with Chapter 4-1 of the Municipal Code.

(Reason: To require registration of Contractors which perform work within the City of Amarillo)

***Section 105.1; change to read as follows:

Section 105.1 Required. Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical or plumbing system, the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the *building official* and obtain the required *permit*.

Flammable Liquids and Gases. A permit shall be required for the installation of any container or pump for storing and handling flammable liquids and gases. All containers and equipment for the storage and handling of flammable liquids or gases, or both, shall be installed in accordance with the Fire Code. No permit shall be issued for a curb or sidewalk pump or service connection. All vehicles must be serviced on privately owned property. All tanks must be filled from vehicles parked on privately owned property. No pump shall be located within a building.

(Reason: To add specific requirements for Flammable Liquid and Gas installations)

**Section 105.2; change 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. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than ~~420 square feet (41 m²)~~ 200 square feet (18.58m²).
2. Fences not over ~~7 feet (2134 mm)~~ 8 feet (2440 mm) high.
3. Oil derricks.
4. 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. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) 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*.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. 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. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. Swings and other playground equipment accessory to detached one- and two-family *dwelling*s.
12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.
14. Replacement glass and glazing in commercial buildings when replacement occurs in existing sash or frame and performed by Glass and Glazing Contractor registered in accordance with 4-1-110 of the Municipal Code.

(Reason: Local practices have allowed the use of 8' fencing without incident.)

***Section 107.1; change to read as follows:

107.1 General. Submittal documents consisting of *construction documents*, statement of *special inspections*, geotechnical report and other data shall be submitted in two or more sets with each *permit* application. The *construction documents* shall be prepared by a *registered design professional* ~~where required by the statutes of the jurisdiction in which the project is to be constructed.~~ and shall contain the seal of a Texas-licensed engineer or Texas-licensed architect where the following conditions exist:

1. For new construction, additions, expansions or for changes in occupancy of:

- a. All occupancies of 5,000 square feet or more in area; or
 - b. Buildings and structures more than two stories above grade plane.
2. For alterations, repair or rehabilitation of:
- a. All occupancies where the affected area exceeds 5,000 square feet or the proposed work involves or affects structural elements, fire-resistive elements or means of egress.

The registered design professional who prepares construction documents shall have full responsibility for complying with Texas Occupations Code, Chapter 1001 (Engineers) or Chapter 1051 (Architects), as applicable, and shall affix *design professional* official seal to said drawings, specifications and accompanying data. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

Exception: The *building official* is authorized to waive the submission of *construction documents* and other data not required to be prepared by a *registered design professional* if it is found that the nature of the work applied for is such that review of the *construction documents* is not necessary to obtain compliance with this code.

(Reason: Commercial structures over 5000SF present special life safety concerns best addressed by a licensed design professional.)

****Section 109.2: change to read as follows:**

109.2 Schedule of permit fees. On buildings, structures, electrical, gas, mechanical, and plumbing systems or *alterations* requiring a *permit*, a fee for each *permit* shall be paid as required, in accordance with ~~the schedule as established by the applicable governing authority.~~ Chapter 4-1 of the Municipal Code.

(Reason: Standard insertion point: [insert] to assist with local adoption.)

**** 109.3; change to read as follows:**

109.3 Building permit valuations. The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall include total value of work, including materials and labor, for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *building official*, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the building official. If the applicant fails to present sufficient documentation to support the valuation on the application, final building permit valuation shall be set by the *building official* in accordance with the most current Building Valuation Data as published by the International Code Council or approved statements sufficient to clearly document all construction costs.

(Reason: Past practice of assigning value, provides consistent standard for valuation of construction.)

*****Section 110.3: change to read as follows:**

110.3 Required inspections. The building official, upon notification, shall make the inspections set forth in Sections 110.3.1 through 110.3.10. No inspections shall be made on new construction until the site has been surveyed and all property corners have been physically identified.

(Reason: To clarify existing requirement for site survey)

****Section 113 Board of Appeals: Delete sections; change to read as follows:**

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: ~~The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business.~~ Construction Advisory and Appeals Board; see Chapter 2-6, of the Amarillo Municipal Code.

~~113.2 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 there under 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.

~~113.3 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: Established Construction Advisory and Appeals Board procedures)

***Section 116.6; add section; change to read as follows:

116.6 Unsafe structures: Abandoned and substandard structures shall be subject to the requirements of applicable provisions of this Municipal Code and state law.

(Reason: To provide clarification on procedures)

***Section 202 Definitions: Insert; change to read as follows:

NIGHTCLUB-a place of entertainment open at night, usually serving or allowing the consumption of alcoholic beverages, having a floor show, or providing music and space for dancing.

(Reason: To clarify terminology, interpretation and enforcement; provides consistency with Fire Code)

**Section 907.2.1 Group A: change to read as follows:

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies where the occupant load due to the assembly occupancy is 300 or more. In A-2 Nightclubs having an occupant load of 100 or more. Group A occupancies not separated from one another in accordance with Section 707.3.9 shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler waterflow.

(Reason: Increased fire alarm protection due to higher risk for loss of life in certain A-2 Nightclub occupancies)

***Section 907.2.1.3: Add sub-section; change to read as follows:

907.2.1.3 System response in A-2 nightclubs. An activation of the fire alarm system shall automatically:

1. Cause illumination of the means of egress with light of not less than 1 foot candle (11 lux) at the walking surface level;
2. Stop all conflicting or confusing sounds and visual distractions; and
3. Activation of a pre-recorded message, clearly audible throughout the building.

(Reason: For Clarification of response systems in Nightclubs)

***Section 1101.2; add exception; change to read as follows:

1101.2 Design. Buildings and facilities shall be designed and constructed to be *accessible* in accordance with this code and ICC A117.1.

Exception: Buildings regulated under Texas Department of Licensing and Regulation (TDLR) and built in accordance with TDLR approved plans, including any variances or waivers granted by the TDLR, shall be deemed to be in compliance with the requirements of this Chapter.

(Reason: To accommodate buildings regulated by the Texas Department of Licensing and Regulation, under the Texas Architectural Barriers Act, Texas Government Code 469.)

*****Section 1503.4.4; Add subsection; change to read as follows:**

1503.4.4 Drainage across adjacent properties: No roof drainage or surface drainage shall drain onto adjacent properties except where an engineered drainage plan calls for drainage across properties, and the appropriate drainage easements have been recorded in the deed records, and the necessary physical measures for protection of the adjacent properties have been installed.

(Reason: To provide requirements to prevent unauthorized drainage across adjacent property lines)

****Section 1507.9.1; change to read as follows:**

1507.9.1 Deck requirements. Wood shakes shall be used only on solid or spaced sheathing. Where spaced sheathing is used, sheathing boards shall not be less than 1-inch by 4-inch (25mm by 102 mm) nominal dimensions and shall be spaced on centers equal to the weather exposure to coincide with the placement of fasteners. Where 1-inch by 4-inch (25 mm by 102 mm) spaced sheathing is installed at 10 inches (254 mm) on center, additional 1-inch by 4-inch (25 mm by 102 mm) boards shall be installed between the sheathing boards.

(Reason: Due to the wind and blowing snow in the Panhandle, wind driven snow blows between the shingles and into the attic area.)

****Table 1507.9.6 amended as follows:**

TABLE 1507.9.6 WOOD SHAKE MATERIAL REQUIREMENTS

MATERIAL	MINIMUM GRADES	APPLICABLE GRADING RULES
Wood shakes of naturally durable wood	1	Cedar Shake and Shingle Bureau
Taper sawn shakes and shingles of naturally durable wood	1 or 2	Cedar Shake and Shingle Bureau
Preservative-treated shakes and shingles of naturally durable wood	1	Cedar Shake and Shingle Bureau
Fire-retardant-treated shakes of naturally durable wood	1	Cedar Shake and Shingle Bureau
Preservative-treated taper sawn shakes of Southern pine treated in accordance with AWWPA Standard U1 (Commodity Specification A, Use Category 3B and section 5.6)	1 or 2	Forest Products Laboratory of the Texas Forest Services

(Reason: modified for local blowing snow conditions)

*****Table 1604.1; Insert the following table as follows:**

TABLE 1604.1 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYERMENT REQUIRED	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed	Topographic effects		Weathering	Frost line depth	Termite				
20 _{psf}	Sec. 1609	Sec. 1609	B	Moderate	18"	Moderate to heavy	20°	NO	311	57.2°

(Reason: To provide a convenient method of locating local climatic and geographic design criteria)

****Section 1612 Flood Loads, is hereby deleted with the exception of Section 1612.1, which is hereby amended to read as follows:**

1612.1 General. All structures constructed within a Special Flood Hazard area as designated by Chapter 4-8, Flood Damage Mitigation, of the Municipal Code shall comply with Chapter 4-8 and other applicable sections of this code.

(Reason: To provide requirements in accordance with the Municipal Code)

****Section 1612.3; change to read 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 JURISDICTION] City of Amarillo,**" dated **[INSERT DATE OF ISSUANCE]** (flood hazard Chap. 4-8 Amarillo Municipal Code), 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 City Engineer is responsible for *flood hazard areas*; references to the *building official relating to flood hazard areas* will have the same meaning as to the City Engineer or designated Flood Plain Manager.

(Reason: Flood hazard references should be to the city engineer or flood plain manager.)

*****Section 1612.5: Add subsection; change to read as follows:**

1612.5 Flood hazard documentation. The following documentation shall be prepared and sealed by a *registered design professional* and submitted to the *building official*:

1. For construction in *flood hazard areas* not subject to high-velocity wave action:
 - 1.1. The elevation of the lowest floor, including the basement, as required by the lowest floor elevation inspection in Section 110.3.3.
 - 1.2. For fully enclosed areas below the design flood elevation where provisions to allow for the automatic entry and exit of floodwaters do not meet the minimum requirements in Section 2.6.2.1 of ASCE 24, construction documents shall include a statement that the design will provide for equalization of hydrostatic flood forces in accordance with Section 2.6.2.2 of ASCE 24.
 - 1.3. For dry floodproofed nonresidential buildings, *construction documents* shall include a statement that the dry floodproofing is designed in accordance with ASCE 24.
 - 1.4. All structures constructed within a Special Flood Hazard area as designated by Chapter 4-8, of the Municipal Code shall be provided with a foundation system designed by a registered professional engineer or registered architect.

(Reason: To require engineered foundation systems in Flood Hazard Areas)

*****Section 3202.2.4; Add Section; change to read as follows:**

3202.2.4 Landscaping terraces. Landscaping terraces may be constructed on public property when approved by the Building Official and the Director of Planning provided that:

1. The terrace does not encroach upon or impede passage along a public sidewalk;
2. The terrace is not installed so as to violate any traffic ordinance;
3. The terrace does not exceed the maximum allowed fence height; and
4. When the need arises for the repair or improvement of streets or utilities, the expense for moving the terrace shall be borne by the property owner.

(Reason: To provide an alternative method of streetscape where approved)

*****Section 3301.3; Add section; change to read as follows.**

3301.3 Site maintenance. Each person engaged in the construction, alteration or repair of any building shall be responsible for placing all trash and debris in a container or enclosure until the trash and debris are removed from the construction lot or site, and for installing erosion control measures both as required in accordance with the City's NPDES plan. The Building Official may cause all inspections to be withheld or work stopped until:

1. The construction lot or site and adjacent properties are free of trash, debris, or unused material generated from the construction site; and
2. Until effective erosion control measures are installed.

(Reason: To provide requirement for maintenance of work sites)

*****Section 3307.2; Add section; change to read as follows:**

3307.2 Damage to public utilities. Any damage to public utilities caused by or during construction shall be immediately replaced or repaired by the owner of the property under construction, or the contractor responsible for the damage, at the expense of the owner or responsible contractor.

(Reason: to insure damage to any public utility is properly repaired)

*****Section 3401.7 Add section: change to read as follows:**

3401.7 Abandoned buildings. Certificate of Occupancy required prior to re-occupancy is hereby added to read as follows:

3401.7.1 Intent. The purpose of this Section is to insure that minimum levels of structural integrity, fire protection, life safety features, ventilation, light, sanitation, accessibility, and public improvements shall be provided in and around abandoned buildings or structures prior to re-occupancy. It is not the intent of this Section to require compliance with the latest Codes adopted by the City as if abandoned buildings or structures subject to this Section were being newly constructed. Nor is it the intent of this Section to require a new Certificate of Occupancy for a vacant building or structure, which is secured against unauthorized entry by the public and of which the essential components, as defined in 3401.7.2.2 below, have been maintained in serviceable condition.

3401.7.2 Certificate of Occupancy required prior to re-occupancy. When a building or structure has become abandoned, a Certificate of Occupancy shall be obtained prior to re-occupancy of the building or structure. For the purpose of this Section a building or structure shall be considered to have been abandoned when either of the following conditions exists:

3401.7.2.1 The previous use of the building has been discontinued and the building has been left unsecured or open to unauthorized entry by the general public;

3401.7.2.2 The previous use of the building has been discontinued and maintenance of the building has been neglected to the extent that one or more essential components of the building or structure have failed or no longer serve their intended purpose. Essential components include: Roof coverings; structural components; exterior envelopes including walls, doors and windows; electrical systems; plumbing systems; HVAC systems; fire extinguishing systems; fire resistive construction; fire resistive separations; exit ways; or other life/safety systems.

3401.7.3. Conditions for issuance of a Certificate of Occupancy. Prior to issuing a Certificate of Occupancy for an abandoned building or structure subject to this Section, the Building Official may: require plans to be submitted which will clearly indicate the intended use of the building or structure, its location on the property, and any proposed improvements; inspect the building or structure to ascertain adequacy and serviceability of the essential components listed in 3401.7.2.2 above with respect to the intended use; require repairs or improvements to the building or structure based upon those inspections; and/or require that the applicable permits and inspections be obtained for work which is proposed or required under this Section.

3401.7.4. Guidelines and regulations. To determine the requirements for repairs or improvements to abandoned buildings or structures subject to this Section, the *Building Official* may utilize this chapter of

the *International Building Code* as a guideline, and may utilize other publications of the *International Code Council* or *National Electric Code* related to existing buildings.

(Reason: To clarify the required procedures prior to occupancy of an abandoned building)

****Section 3412.2; change to read as follows:**

3412.2 Applicability. Structures existing prior to ~~[DATE TO BE INSERTED BY THE JURISDICTION. NOTE: IT IS RECOMMENDED THAT THIS DATE COINCIDE WITH THE EFFECTIVE DATE OF BUILDING CODES WITHIN THE JURISDICTION]~~ April 3, 1924 in which there is work involving *additions*, *alterations* or changes of occupancy shall be made to comply with the requirements of this Section or the provisions of Sections 3403 through 3409. The provisions in Sections 3412.2.1 through 3412.2.5 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.

(Reason: Standard insertion point: [insert] to assist with local adoption.)

****Appendix C: Group U - Agricultural Buildings; adopt with added sections; change to read as follows:**

C101.1 Scope. The provisions of this appendix shall apply exclusively to agricultural buildings. Such buildings shall be classified as Group U and shall include the following uses:

1. Livestock shelters or buildings, including shade structures and milking barns.
2. Poultry buildings or shelters.
3. Barns.
4. Storage of equipment and machinery used exclusively in agriculture.
5. Horticultural structures, including detached production greenhouses and crop protection shelters.
6. Sheds.
7. Grain silos.
8. Stables.
9. Kennels.

(Reason: provides consistent standards with other requirements in the Municipal Code)

Section C105

Special Requirements for Kennels:

Section C105.1 Kennels. Kennels shall comply with the following:

1. Floors shall have a smooth, hard, nonabsorbent, corrosion-resistant surface such as concrete, ceramic tile or other approved materials. Cages with grated floors may be installed above kennel floors. Such grated floors shall be of nonabsorbent; corrosion-resistant materials, sufficient in strength and composition to safely support the animals, protect their feet and legs from injury, and not allow the accumulation of liquids.
2. Floors shall be provided with positive drainage to an approved drainage system. Drainage from a stall or cage shall not flow across or through another stall or cage. Kennel floors shall slope uniformly at a rate of not less than one-fourth (1/4) inch per foot or more than one-half (1/2) inch per foot to a gutter or floor drain. If provided, gutters shall similarly slope to a drain and have rounded corners to facilitate cleaning. Drains complete with traps and vents shall be installed in accordance with the Plumbing Code and shall be connected to the City's sanitary sewer system or to a septic system approved by the Environmental Health Department.
3. The interior surface of kennel walls to a height of six (6) feet above the floor shall be of materials which are smooth, hard, nonabsorbent and non-corrosive. All joints and seams in interior wall surfaces and between the walls and floors shall be sealed to prevent moisture penetration and to prevent the accumulation of solids and liquids.
4. Kennels shall be provided with ventilation during such time as the building is occupied by animals by means of operable exterior openings with an area of not less than one-twentieth (1/20) of the floor area, or shall be provided with a mechanically operated exhaust system capable of providing at least four (4) air

changes per hour. Such systems shall be connected directly to the exterior. Outdoor kennels shall provide adequate shelter from sun, rain and cold weather.

(Reason: To provide for the operation of commercial animal kennels)

****Appendix J: Grading; is adopted with the following amendments; change to read as follows:**

SECTION J103 PERMITS REQUIRED RESERVED FOR FUTURE USE

J103.1 Permits Required. ~~Except as exempted in Section J103.2, no grading shall be performed without first having obtained a permit therefor from the *building official*. A grading permit does not include the construction of retaining walls or other structures.~~

J103.2 Exemptions. A grading *permit* shall not be required for the following:

1. ~~Grading in an isolated, self-contained area, provided there is no danger to the public, and that such grading will not adversely affect adjoining properties.~~
2. ~~Excavation for construction of a structure permitted under this code.~~
3. ~~Cemetery graves.~~
4. ~~Refuse disposal sites controlled by other regulations.~~
5. ~~Excavations for wells, or trenches for utilities.~~
6. ~~Mining, quarrying, excavating, processing or stockpiling rock, sand, gravel, aggregate or clay controlled by other regulations, provided such operations do not affect the lateral support of, or significantly increase stresses in, soil on adjoining properties.~~
7. ~~Exploratory excavations performed under the direction of a registered design professional.~~

Exemption from the permit requirements of this appendix 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.

SECTION J104 PERMIT APPLICATION AND SUBMITTALS RESERVED FOR FUTURE USE

J104.1 Submittal requirements. ~~In addition to the provisions of Section 105.3, the applicant shall state the estimated quantities of excavation and fill.~~

J104.2 Site plan requirements. ~~In addition to the provisions of Section 107, a grading plan shall show the existing grade and finished grade in contour intervals of sufficient clarity to indicate the nature and extent of the work and show in detail that it complies with the requirements of this code. The plans shall show the existing grade on adjoining properties in sufficient detail to identify how grade changes will conform to the requirements of this code.~~

J104.3 Geotechnical report.

~~A geotechnical report prepared by a *registered design professional* shall be provided. The report shall contain at least the following:~~

1. ~~The nature and distribution of existing soils;~~
2. ~~Conclusions and recommendations for grading procedures;~~
3. ~~Soil design criteria for any structures or embankments required to accomplish the proposed grading;~~
and
4. ~~Where necessary, slope stability studies, and recommendations and conclusions regarding site geology.~~

Exception: ~~A geotechnical report is not required where the building code official determines that the nature of the work applied for is such that a report is not necessary.~~

J104.4 Liquefaction study.

~~For sites with mapped maximum considered earthquake spectral response accelerations at short periods (S_s) greater than 0.5g as determined by Section 1613, a study of the liquefaction potential of the site shall be provided, and the recommendations incorporated in the plans.~~

Exception: ~~A liquefaction study is not required where the building official determines from established local data that the liquefaction potential is low.~~

Section J107.5

J107.5 Compaction, All fill material shall be compacted to ~~90~~ a minimum 95 percent of maximum density and shall be within 2% of optimum moisture content as determined by ASTM D ~~4557~~ 698, Modified Standard Proctor, in lifts not exceeding 12 inches (305 mm) in depth.

(Reason: To insure grading is performed in accordance with established requirements for soil types and compaction of same)

****Appendix K: Administrative Provisions (Electrical) is adopted with the following amendments; change to read as follows:**

*****SECTION K101 GENERAL**

K101.0 Title.

These regulations shall be known as the Electrical Code—Administrative Provisions of [NAME OF JURISDICTION] City of Amarillo and shall be cited as such and will be referred to herein as “this code.”

(Reason: Administrative provisions to provide greater consistency between the National Electrical Code and the International Codes.)

*****SECTION K103 PERMITS**

K103.2 Work exempt from permit.

The following work shall be exempt from the requirement for a *permit*:

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. Temporary wiring for experimental purposes in suitable experimental laboratories.
5. Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
6. Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles. Portable heating, cooking or clothes drying appliances. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

*****SECTION K106 REQUIRED INSPECTIONS**

K106.2.2 Underslab Rough In

Underslab slab rough-in inspection shall be made at such time that all raceways and outlet boxes are installed and prior to pouring of concrete and concealment.

K106.3 Rough-in.

Rough-in inspection shall be made after the roof, framing, *fireblocking* and bracing are in place and all wiring and other components to be concealed are complete, and prior to the installation of wall or ceiling membranes.

Minor extension exception. For minor extensions and additions 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.

K106.3 Final

Final inspection shall be made upon the completion of all electrical installation work and prior to a certificate of compliance being issued.

Certification required: A certification of compliance shall be obtained from the Electrical Inspector on every Electrical Installation before the Electrical Installation is tied to the power supply of an existing installation or to the Electric Company service lines.

Additional inspections. The *building official* may, when necessary to ensure compliance with this chapter, require additional inspections to the slab rough-in, rough-in and final inspections.

Special inspections. When in the opinion of the *building official* any proposed Electrical Installation involves unusual hazard or methods of installation, the *building official* may allow the electrical contractor responsible for the work to employ a special inspector who is competent in the particular type of Electrical Installation requiring a special inspection. The special inspector shall observe the work assigned to be certain it conforms to approved design drawings and specifications. All inspection reports shall be furnished to the *building official*, including a final signed report stating whether the work requiring special inspection was in conformance with the approved plans and specifications and applicable workmanship provisions of this chapter.

***SECTION K111 ELECTRICAL PROVISIONS

K111.1 Adoption.

Electrical systems and equipment shall be designed, constructed and installed in accordance with the ~~International Residential Code~~ or NFPA 70 as applicable, except as otherwise provided in this code.

END