International Energy Conservation Code and SMACNA HVAC Duct Construction Standards – Metal and Flexible.

1101.1, Locking access port caps is hereby deleted in its entirety.

SECTION 8: That the Stillwater City Code, Chapter 10, Buildings and Buildings Regulations, Article XI. Electricity, Sections 10-485, National Electrical Code adopted by reference, and 10-486, Amendments, be repealed and amended to read as follows:

ARTICLE XI. ELECTRICITY

Sec. 10-485. National Electrical Code adopted by reference.

(a) There is hereby adopted by reference, that certain code referred to as the National Electrical Code, 20~~08~~ 11 edition, as published by the National Fire Protection Association, Inc., for the establishment of minimum accepted standards for the design and installation of electrical conductors and equipment within or on public and private buildings or other structures, the installation of conductors that connect to the supply of electricity and the installation of other outside conductors on the premises. Each and all of the standards, regulations and requirements, including but not limited to Annex H, Administration and Enforcement, therein, save and except such portions as are hereinafter deleted, modified or amended, as set out and specified in the National Electrical Code, 20~~08~~ 11 edition, are hereby adopted, referred to, incorporated and made a part hereof, as if fully set out at length herein.

(b) Not less than one copy of said National Electrical Code, 20~~08~~ 11 edition, shall be on file in the office of the city clerk, and open for public inspection at all times.

(c) Not less than one copy of said National Electrical Code, 20~~08~~ 11 edition, shall be on file in the city public library, and open for public inspection at all times.

Sec. 10-486. Amendments.

The National Electrical Code, 20~~08~~ 11 edition, is hereby amended in the following aspects:
Annex H, 80.9, Application, is hereby amended by inserting
(D) Moved Buildings. Electrical systems and equipment that are a part of buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new installations.

Annex H, 80.15, Electrical Board, is deleted in its entirety and replaced with the following:

The building trades board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

Annex H, 80.19 (A), Application, is hereby amended by inserting the following:
Persons eligible for permit:
(2) A person who is a registered electrical contractor; or
(3) A home owner doing work on his personal residence; or
(4) A business, firm, partnership, association or corporation that employs a registered electrical contractor.

Annex H, 80.19(C). Issuance of Permits is hereby amended to read:
The authority having jurisdiction shall be authorized to establish and issue permits, certificates, notices, and approvals, or orders pertaining to electrical safety hazards pursuant to 80.23, except that not permit shall be required to execute any of the classes of electrical work specified in the following:
(1) Installation or replacement of equipment such as lamps and of electric utilization equipment approved for connection to suitable permanently installed receptacles. Replacement of flush or snap switches, fuses, lamp sockets and luminaries or fans, and receptacles, and other minor maintenance and repair work, such as replacing worn cords, and tightening connections on a wiring device.
(2) The process of manufacturing, testing, servicing, or repairing electrical equipment or apparatus.

(3) The extension of an existing individual branch circuit or the installation of additional openings in an existing branch circuit provided that the work is not associated with a building permit.

Annex H, 80.19(E), Fees, is hereby amended to read:
Permit fees shall be established by resolution of the city council, no portion of which shall be refundable.

Annex H, 80.19(F)(3), Inspection and Approvals, is hereby amended by inserting "2 business" in the blank space provided.

Annex H, 80.23(B)(3), Penalties, is hereby amended to read:
Any person, firm or corporation violating any of the applicable provisions of this article, upon conviction shall be guilty of a Class A offense.

Annex H, 80.25(C), Notification, is hereby amended by inserting:
"2" in the blank space provided.

Annex H, 80.27(A), Certificate, is hereby amended to read:
All electrical inspectors shall meet those specifications set forth in the State of Oklahoma, Electrical Licensing Act., 59 O.S. supp. 1991 section 1680 et seq., and Oklahoma Inspectors Act., 59 O.S. supp. 1991 section 1031 et seq. All electrical inspectors shall be certified by a nationally recognized inspector certification program accepted by the board. The certification program shall specifically qualify the inspector in electrical inspections. No person shall be employed as an electrical inspector unless that person is the holder of an electrical inspector's certificate of qualification issued by the board.

Annex H, 80.27(B)(3), Experience, is hereby amended by inserting:
"State of Oklahoma" in the blank space provided.

Annex H, 80.27(B)(4), Experience, is hereby amended to read:
Have had at least two (2) years experience as an electrical inspector or four years experience as a journeyman electrician as defined by the State of Oklahoma, Electrical Licensing Act. In lieu of such experience, the applicant shall be a graduate in electrical engineering or of a similar curriculum of a college or university considered by the Board as having suitable requirements for graduation and shall have had two years practical electrical experience.

Annex H, 80.29, Liability and Damages, is hereby amended by inserting "City of Stillwater" in the blank space provided.

Annex H, 80.35, Effective Date, is hereby deleted in its entirety and replaced with:
Annex H shall take effect on that date specified by city council.

Article 210.3 is hereby amended to read:
"Branch circuits recognized by this article shall be rated in accordance with the maximum permitted ampere rating or setting of the overcurrent device. The rating for other than individual branch circuits shall be: 20, 30, 40, and 50 amperes. Where conductors of higher ampacity are used for any reason, the ampere rating or setting of the specified overcurrent device shall determine the circuit rating."
"Exception: Multioutlet branch circuits greater than 50 amperes shall be permitted to supply nonlighting outlet loads on industrial premises where maintenance and supervision indicate that qualified persons will service equipment."

Article 230.28 is hereby amended to read:
"Service mast as support. Where a service mast is used for support of service drop conductors, it shall be a minimum two (2) inch diameter and of Rigid Metal Conduit (RMC) or Intermediate Metal Conduit (IMC) and may be required to have additional support by braces or guys to withstand the strain imposed by the service drop. Where raceway-type service masts are used, all raceway fittings shall be identified for use with service masts. Only power service drop conductors shall be permitted to be attached to a service mast."

Article 250.64(B) is hereby amended to read:
"(B) Securing and Protection Against Physical Damage. Where exposed, a grounding electrode conductor or its enclosure shall be securely fastened to the surface on which it is carried. A 6 AWG or larger copper or aluminum grounding electrode conductor shall

be protected where exposed to physical damage or where mounted on an exterior building surface by rigid metal conduit, intermediate metal conduit, rigid nonmetallic conduit, electrical metallic tubing, or cable armor. Grounding electrode conductors smaller than 6 AWG shall be in rigid metal conduit, intermediate metal conduit, rigid nonmetallic conduit, electrical metallic tubing, or cable armor."

Article 310.2(B) is hereby amended to read:
"Conductors in this article shall be of copper, unless otherwise specified. All reference herein to aluminum or copper-clad aluminum shall be interpreted to mean copper conductors only or shall be ignored.
Exception:
a. Service entrance conductors as covered in article 230 may be of AA-8000 series aluminum alloy, copper-clad aluminum or copper.
b. Outside branch circuits and feeders as covered in article 225 may be of AA-8000 series aluminum alloy, copper-clad aluminum or copper."

Article 334.10, Uses Permitted is hereby amended to read:
Type NM, Type NMC, and Type NMS cables shall be permitted to be used in ~~one- and two-family dwellings, multifamily dwellings of Type III, IV and V construction or other~~ any residential ~~structures~~ use buildings or portions of buildings permitted to be of Type III, IV and V construction and their accessory structures except as prohibited in 334.12. In mixed-use buildings residential uses must be separated from non-residential uses by a minimum 1-hour rated fire barrier as described in the International Building Code to permit the use of Type NM, Type NMC, and Type NMS cables in the residential use portion of the building.

(A)Type NM. Type NM cable shall be permitted as follows:
(1) For both exposed and concealed work in normally dry locations except as prohibited in 334.10.3.
(2) To be installed or fished type in air voids in masonry block or tile walls where such walls are not exposed to or subject to moisture or dampness.

(B)Type NMC. Type NMC cable shall be permitted:
(1) For both exposed and concealed work in dry, moist, damp or corrosive locations except as prohibited in 334.10.3.
(2) In outside and inside walls of masonry block or tile.
(3) In a shallow chase in masonry, concrete, or adobe protected against nails or screws by a steel plate [at] least 1.59 mm (1/16 in.) thick, and covered with plaster, adobe, or similar finish.

(C) Type NMS. Type NMS cable shall be permitted as follows:
(1) For both exposed and concealed work in normally dry locations except as prohibited in 334.10.3.
(2) ~~It shall be permissible~~ To be installed or fished ~~NMS cable~~ in air voids in masonry block or tile walls where such walls are not exposed to or subject excessive moisture or dampness.

Article 334.12, Uses not Permitted (A) Types NM, NMC and NMS is hereby amended to read:
Types NM, NMC and NMS cables shall not be permitted as follows:
(1) In any structure not specifically permitted in 334.10
(2) Embedded in poured cement, concrete, or aggregate

Article 394.10, Uses Permitted is hereby amended to read:
~~Concealed knob and tube wiring shall not be permitted. Existing systems shall not be extended in any manner.~~ Existing concealed knob and tube wiring systems shall be permitted to be maintained.

Article 394.12, Uses Not permitted is hereby amended to read:
Concealed knob and tube wiring shall not be permitted for extensions of existing systems nor for new installations.

Article 505.7(A), Implementation of zone classification system is hereby amended to read: Classification of areas, engineering and design, selection of equipment and wiring methods shall be performed by a Registered Professional Engineer with expertise in Hazardous (Classified) Locations and Zone Systems. The installation of equipment and wiring methods, and inspections shall be performed by qualified persons.

506.6(A), Implementation of zone classification system is hereby amended to read: Classification of areas, engineering and design, selection of equipment and wiring methods, shall be performed by a Registered Professional Engineer with expertise in Hazardous (Classified) Locations and Zone Systems. The installation of equipment and wiring methods and inspection shall be performed by qualified persons.

SECTION 9: That the Stillwater City Code, Chapter 20, Fire Prevention and Protection, Article III. Fire Prevention Code, Sections 20-49, Adopted by reference, and 20-50, Deletions, modifications, amendments and insertions, be repealed and amended to read as follows:

ARTICLE III. FIRE PREVENTION CODE

Sec. 20-49. Adopted by reference.

(a) here is hereby adopted by reference, that certain code referred to as the International Fire Code, 200~~3~~ 9 edition, as published by the International Codes Council, Inc., for the establishment of minimum requirements and controls to safeguard life, property or public welfare from the hazards of fire and explosion arising from the storage, handling or use of substances, materials or devices and from conditions hazardous to life, property or public welfare in the use or occupancy of all buildings and structures. Each and all of the standards, regulations and requirements, save and except such portions as are hereinafter deleted, amended or modified, as set out and specified in the International Fire Code, 200~~3~~ 9 edition, including appendix chapters B, D, E, F and G are hereby adopted, referred to, incorporated and made a part hereof as if fully set out at length herein.

(b) Not less than one copy of the said International Fire Code, 200~~3~~ 9 edition, shall be on file in the office of the city clerk and open for public inspection during office hours.

(c) In the event any provision of this article and/or any provision of the International Fire Code, 200~~3~~ 9 edition, conflicts with or is inconsistent in any manner with any section of this Code, or other codes adopted by reference therein, or parts thereof, the provisions of this article and the International Fire Code, 200~~3~~ 9 edition, shall supersede and take precedence over such portions in conflict or inconsistent therewith, except in the following circumstances:
(1) If this article and/or any provision of the International Fire Code, 200~~3~~ 9 edition, conflicts with or is inconsistent in any manner with chapter 23, land development code, chapter 23, shall supersede and take precedence over such portions in conflict or inconsistent therewith;
(2) A further exception shall be where any section of this Code shall specifically state that it shall supersede and take precedence in the event of a conflict or inconsistency with the International Fire Code, 200~~3~~ 9 edition, as adopted or modified by this Code.

(d) Any person, firm or corporation shall have the right to appeal to the building trades board, created in section 10-21, an order, decision or determination of the fire marshal, deputy fire marshal or fire code official of a notice or order issued under this code. An application for appeal shall be based on a claim that the true intent of the code, or the rules legally adopted thereunder, has been incorrectly interpreted, or the provisions of the code do not fully apply, or evidence that an equally good or better form of construction is proposed.

Sec. 20-50. Deletions, modifications, amendments and insertions.

The International Fire Code, 200~~3~~ 9 edition is hereby amended in the following aspects:

101.1. Title, is hereby amended by inserting the words "the City of Stillwater, Oklahoma" for and in exchange of the words "name of jurisdiction."

103.1, General, is hereby deleted in its entirety and replaced with:
103.1 Creation of building safety division. The building safety division of the development services department is hereby created, and the official in charge thereof shall be known as the building official. Wherever fire code official is referenced in this code, it shall mean the building official.

103.2, Appointment. The following shall be inserted into the end of this paragraph: The chief appointing authority of the jurisdiction shall be the city manager.

103.3, Deputies, is hereby repealed and replaced to read:
The city manager shall appoint all employees within the building safety division and such employees shall have the powers as established by the city manager and/or as delegated by the building official.

104.1, General, is hereby repealed and replaced to read:
The building official is hereby authorized to enforce the provisions of this code. The building official shall have the authority and responsibility to identify and assess local conditions and prevailing building practices, to render interpretations of this code, and establish procedures to clarify the practical application of its provisions. Such interpretations and procedures shall be consistent with the intent of this code as it pertains to local conditions.

104.8, Modifications, is hereby repealed and replaced to read:
Literal compliance: Wherever there are practical difficulties involved in carrying out the provisions of this code, the building official shall have the authority to accept alternative or equivalent methods, processes, or materials in individual cases, upon application of the owner or owner's representative, provided the building official shall first find that existing circumstances make application of the strict letter of this code impractical and acceptance of an alternative or equivalent method, process, or material is consistent with the intent and purpose of this code and does not lessen health, accessibility, life or safety, or structural standards.

104.9, Alternative materials, design and methods of construction and equipment, is hereby repealed and replaced to read:
The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code. An alternative material, design or method of construction shall be approved where the building official finds that the proposed design is satisfactory and consistent with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

~~*105.1.1, Permits required,* is hereby amended to read:~~
~~The building official may implement formal written permitting for any process or activity defined in section 105. In the event no formal permit is required by the building official, operations or facilities shall be allowed to operate under an "Implied Permit Status." Implied permit status means, the operation or facility has met all of the provisions in the fire code and has the approval of the building official to operate or conduct the activity. The implied permit status may be revoked under section 105.5 Revocation. Permit fees for formal permitting, if any, shall be paid prior to issuance of the permit. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the building official.~~

105.6, Required operational permits, is hereby amended ~~by adding paragraphs 105.6.48, 105.6.49 and 105.6.50~~ to read:
~~"105.6.48, An operational permit is required for fire alarm monitoring companies."~~
~~"105.6.49, An operational permit is required for fire alarm installation and service companies."~~

~~105.6.50, An operational permit is required for fire suppression installation and service companies."~~

The fire code official is authorized to issue operational permits for the operations set forth in Sections 105.47 through 105.48. An operational permit shall not be required for the operations identified in sections 105.6.1 through 105.6.46.

105.6.47, Fire Alarm Systems is hereby added to read:
An operational permit is required for the maintenance and repair of fire alarm systems

105.6.48, Fire Suppression Systems is hereby added to read:
An operational permit is required for the maintenance and repair of fire suppression systems

105.7, Required construction permits is hereby amended to read:
The fire code official is authorized to issue construction permits for work as set forth in Sections 105.7.1,105.7.5, 105.7.6 and 105.7.13. A construction permit shall not be

required for the construction work identified in sections 105.7.2 through 105.7.4, 105.7.7 through 105.7.12 and 105.7.14.

Section 108, Board of Appeals, is deleted in its entirety and replaced with the following:

The Building Trades Board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

109.3, Violation penalties, is hereby amended to read:
Any person, firm or corporation who shall violate any provision of this code shall be guilty of a misdemeanor and upon conviction thereof, shall be punished as a class C offense. Each day upon which a violation continues shall be deemed a separate offense.

202, General Definitions, Occupancy Classification, Residential Group R is hereby amended to read:
Residential Group R includes, among others, the use of a building or structure, or a portion thereof, for sleeping purposes when not classified as an Institutional Group I or when not regulated by the International Residential Code in accordance with Section 101.2. Residential occupancies shall include the following:
R-1 Residential occupancies containing sleeping units where the occupants are primarily transient in nature including:

- Boarding houses (transient),
- Hotels (transient),
- Motels (transient),
- Congregate living facilities (transient)

Congregate living facilities with 10 or fewer occupants are permitted to comply with the construction requirements for Group R-3, except as otherwise provided for in this code, or shall comply with the International Residential Code®, provided the building is protected by an automatic sprinkler system installed in accordance with Section 903.2.8.
R-2 Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature including:

- Apartment houses,
- Boarding houses (non-transient),
- Convents,
- Dormitories,
- Fraternities and sororities,
- Hotels (non-transient),
- Live/work units,
- Monasteries,
- Motels (non-transient),
- Vacation time share properties
- Congregate living facilities

Congregate living facilities with 16 or fewer occupants are permitted to comply with the construction requirements for Group R-3, except as provided for in this code, or shall comply with the International Residential Code®, provided the building is protected by an automatic sprinkler system installed in accordance with Section 903.2.8.
R-3 Residential occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4 or I, including:

- Buildings that do not contain more than two *dwelling units.*
- Adult care facilities that provide accommodations for five or fewer persons of any age for less than 24 hours.
- Child care facilities that provide accommodations for five or fewer persons of any age for less than 24 hours.
- Congregate living facilities with 16 or fewer persons.

Adult care and child care facilities that are within a single-family home are permitted to comply with the International Residential Code.
R-4 Residential occupancies shall include buildings arranged for occupancy as residential care/assisted living facilities including more than five but not more than 16 occupants, excluding staff.
Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3, except as otherwise provided for in this code or shall comply with the International Residential Code provided the building is protected by an automatic sprinkler system installed in accordance with Section 903.2.8.

Section 307, Open burning and recreational fires, is hereby deleted in its entirety and replaced with the following:
Open burning and recreational fires shall comply with Article VI, sections 20-133 through 20-141, inclusive, of the Stillwater City Code.

503.2.3, Surface is hereby amended to read:
Fire apparatus access roads shall be designed of an all weather surface capable of supporting and sufficiently conveying and maintained to support the imposed loads of a 70,000 lb. fire apparatus. and shall be surfaced so as to provide all weather driving capabilities. The design shall be based on the geotechnical investigation of the site.

503.2.4, Turning Radius is hereby amended to read:
The required turning radius of a fire apparatus access road shall be determined by the fire code official. Fire apparatus access roads shall have an inner turning radius of not less than 35 feet, and an exterior turning radius of not less than 55 feet, or shall have a design approved by the fire code official as functionally equivalent.

503.2.5, Deadends, is hereby amended to read:
Dead-end fire apparatus access roads in excess of 150 feet (45720 mm) in length measured from back of curb of the intersecting street shall ~~be provided with an approved turn-around area consisting of a 60-foot hammerhead or cul-de-sac pursuant to Stillwater City Code section 23-86(14) for turning around fire apparatus~~ comply with the requirements of Appendix D.

506.1, Where required is hereby amended to read:
Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire fighting purposes, the code official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type and shall contain keys to gain necessary access as required by the fire code official. All buildings or structures equipped with a fire alarm or fire suppression system shall provide a fire department key box on the exterior of the building or structure. The box shall contain keys to allow fire department entry in the event of fire alarm activation.

508.1.3, Size is hereby amended to read:
The fire command center shall be a minimum of 200 square feet (19 square meters) in area with a minimum dimension of 10 feet (3048 mm). Exception: When approved by the fire code official the fire command center can be reduced in size to not less than a minimum of 96 square feet (9 square meters) with a minimum dimension of 8 feet (2438 mm).

604.5, Supervision of maintenance and testing is hereby amended to read:
Emergency lighting equipment. Emergency lighting shall be inspected and tested in accordance with Sections 604.5.1 through 604.5.2.1

604.5.1 Activation test. An activation test of emergency lighting equipment shall be completed monthly. The activation test shall ensure the emergency lighting activates automatically upon normal electrical disconnect and stays sufficiently illuminated for a minimum of 30 seconds.

604.5.1.1 Activation test record. Records shall be maintained on the premises for a minimum of three years and submitted to the fire code official upon request. The record shall include the location of the emergency lighting tested, whether the unit passed or failed, *the date of the test, and the person completing the test.*

604.5.2 Power test. For battery powered emergency lighting, a power test of the emergency lighting equipment shall be completed annually. The power test shall operate the emergency lighting for a minimum of 90 minutes and shall remain sufficiently illuminated for the duration of the test.

604.5.2.1 Power test record. Records shall be maintained on the premises for a minimum of three years and submitted to the fire code official upon request. The record shall include the location of the emergency lighting tested, whether the unit passed or failed, the date of the test, and the person completing the test.

604.6, Supervision of maintenance and testing is hereby added to read:
Routine maintenance, inspection and operational testing shall be overseen by a properly instructed individual.

901.4.5, Pump and riser room size is hereby added to read:
Fire pump and automatic sprinkler system riser rooms shall be designed with adequate space for all equipment necessary for the installation, as defined by the manufacturer, with sufficient working space around the stationary equipment. Clearances around equipment to elements of permanent construction, including other installed equipment and appliances, -shall be sufficient to allow inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire resistance-rated assembly. Fire pump and automatic sprinkler riser rooms shall be provided with a door(s) and unobstructed passageway large enough to allow removal of the largest piece of equipment.

903.2.7, Group M, is hereby amended to read:
An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. A Group M fire area exceeds 12,000 square feet (1,115 m^2).
2. A Group M fire area is located more than three stories above grade plane.
3. The combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2,230 m^2).
4. A Group M occupancy where the cumulative area used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet (464 square meters).

906.1, Where required is hereby amended to read:
Portable fire extinguishers shall be installed in the following locations:
(A) In new and existing Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies.
Exception: In Group R-2 occupancies where each dwelling unit is provided with a portable fire extinguisher having a minimum rating of 1-A:10-b:C.
(B) Within 30 feet (9144 mm) of commercial cooking equipment.
(C) In areas where flammable or combustible liquids are stored, used or dispensed.
(D) On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 1415.1.
(E) Where required by the section indicated in Table 906.1.
(F) Special-hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the fire code official.

1005.1, Minimum required egress width is hereby amended to read as follows:
The means of egress width shall not be less than required by this section. The total width of means of egress in inches (mm) shall not be less than the total occupant load served by the means of egress multiplied by 0.3 inches (7.62 mm) per occupant for stairways and by 0.2 inches (5.08 mm) per occupant for other egress components. The width shall not be less than specified elsewhere in this code. Multiple means of egress shall be sized such that the loss of any one means of egress shall not reduce the availability capacity to less than 50 percent of the required capacity. The maximum capacity required from any story of a building shall be maintained to the termination of the means of egress.
Exceptions:
(A) Means of egress complying with Section 1028.
(B) For other than H and I-2 occupancies, the capacity, in inches (mm), means of egress stairways shall be calculated multiplying the occupant load served by a stairway by a means of egress capacity factor of 0.2 inches (5.08 mm) per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.1.1 or 903.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.2
(C) For other than H and I-2 occupancies, the capacity, in inches (mm), means of egress components other than stairways shall be calculated multiplying the occupant load served by such component by a means of egress capacity factor of 0.15 inches (3.81 mm) per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.1.1 or 903.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

1008.1.8.3, Locks and latches, is hereby amended by the addition of a new last paragraph to read:
Egress doors shall be maintained to be readily openable from the egress side without the use of ~~a key or~~ special knowledge or effort and free from all obstructions, including ~~locks~~ bolts, padlocks, hasps, bars, chains or other devices or combination thereof.

3301.1.3, Fireworks, is hereby amended to read:
The possession, manufacture, storage, sale, handling and use of fireworks are prohibited, except the use of fireworks for display as permitted in section 3308.

3305, Manufacture, assembly and testing of explosives, explosive materials and fireworks, is hereby deleted in its entirety and replaced with the following:
3305 Manufacture, assembly and testing of explosives, explosive materials and fireworks

3305.1 General: The manufacture, assembly and testing by detonation of explosives, ammunition, blasting agents and fireworks shall be prohibited.
Exceptions:
(1) The hand loading of small arms ammunition prepared for personal use and not offered for resale.
(2) The use of binary explosives or phosphoric materials in blasting or pyrotechnic special effects applications in accordance with NFPA 495 or NFPA 1126."

4601.1, Scope is hereby amended to read:
The provisions of this chapter shall apply to existing buildings constructed prior to the adoption of this code. Exception: Buildings or portions of a building that comply with the latest edition of the International Existing Building Code® or the edition that was adopted at the time a remodel occurred.

4603.3.2, Three to five stories is hereby amended to read:
In other than Group I occupancies, interior vertical openings connecting three to five stories shall be protected by either 1-hour fire-resistant-rated construction or an automatic sprinkler system shall be installed throughout the building in accordance with Section 903.3.1.1 or 903.3.1.2. Exceptions:
(A) Vertical opening protection is not required for Group R-3 occupancies.
(B) Vertical opening protection is not required for open parking garages and ramps.
(C) Vertical opening protection for escalators shall be in accordance with Section 4603.3.5, 4603.3.6 or 4603.3.7.
(D) Vertical openings that comply with the requirements of Section 703.2.1 of the International Existing Building Code®.

4604.18.2, Dead ends is hereby amended to read:
Where more than one exit or exit access doorway is required, the exit access shall be arranged such that dead ends do not exceed the limits specified in Table 4604.18.2.
Exceptions:
(A) A dead-end passageway or corridor shall not be limited in length where the length of the dead-end passageway or corridor is less than 2.5 time the least width of the dead-end passageway or corridor.
(B) Dead ends that comply with the requirements of Section 705.6 of the International Existing Building Code®.

Appendix B, B105.1 One- and two-family dwellings, is deleted in its entirety and replaced with the following:
The fire flow requirements for one- and two-family dwellings shall be 1,000 gallons per minute for those dwellings that are located on lots that are part of a final plat application that is submitted to the city after September 1, 2005. For all other one- and two-family dwellings, the fire flow requirements shall be 500 gallons per minute.

Appendix B, B-105.2 Buildings other than one-and two- family dwellings is hereby amended to read:
~~For all uses other than one- and two-family, the fire flow requirements stated herein shall apply to all buildings that are located within a project for which a final plat, final development plan or final PUD application is submitted to the city after September 1, 2005. For those buildings that are located within a project in which a complete final plat, final development plan or final PUD application has been accepted by the city prior to September 1, 2005, the fire flow requirements shall be 1,000 gallons per minute.~~
The minimum fire-flow and flow duration for buildings other than one- and two-family *dwellings* shall be as specified in Table B105.1.
Exceptions:

1. A reduction in required fire-flow of up to 75 percent, as *approved*, is allowed when the building is provided with an *approved automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (5678 L/min) for the prescribed duration as specified in Table B105.1.
2. For those buildings that are located on a lot for which a final plat, final development plan or final PUD application was accepted by the city prior to September 1, 2005, the fire flow requirement shall be 1,000 gallons per minute.

Appendix D, D103.4 Dead ends is hereby amended to read:
Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) shall be provided with width and turnaround provisions in accordance with Table D103.4.
Exception: Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) located within one- and two- family residential subdivisions shall be provided with cul-de-sacs having a minimum radius of 50 feet at the property line or 40 feet at the curbline or shall have a minimum 80 foot hammerhead.

PASSED, APPROVED AND ADOPTED THIS 6th DAY OF SEPTEMBER, 2012.

CITY OF STILLWATER PAYNE COUNTY, OKLAHOMA (SEAL)

JOHN W. BARTLEY, MAYOR

Cindy Pollard, Deputy City Clerk
MARCY ALEXANDER, CITY CLERK

APPROVED AS TO FORM AND LEGALITY THIS 6TH DAY OF SEPTEMBER, 2012.

JOHN E. DORMAN, CITY ATTORNEY

First Reading: 8-20-12
Second Reading: 9-6-12

I, THE UNDERSIGNED CITY CLERK, CERTIFY THAT THE FOREGOING IS A TRUE AND CORRECT COPY OF THE ORIGINAL INSTRUMENT NOW ON FILE IN THIS OFFICE.
witness my hand and seal this 10th day of April, 2013
CITY OF STILLWATER, OKLAHOMA
BY Cindy Pollard
CITY CLERK / DEPUTY CLERK