

ORDINANCE NO. O-1718-16

AN ORDINANCE OF THE COUNCIL OF THE CITY OF NORMAN, OKLAHOMA, REPEALING AND REPLACING ARTICLE I AND ARTICLE II OF CHAPTER 5 OF THE CODE OF THE CITY OF NORMAN; AMENDING SECTION 13-1402 OF ARTICLE XIV OF CHAPTER 13; SO AS TO ADOPT AND AMEND THE 2015 INTERNATIONAL BUILDING CODE, 2015 INTERNATIONAL EXISTING BUILDING CODE, 2006 INTERNATIONAL ENERGY CONSERVATION CODE, 2015 INTERNATIONAL PLUMBING CODE, 2015 INTERNATIONAL MECHANICAL CODE, 2015 INTERNATIONAL FUEL GAS CODE, 2014 NATIONAL ELECTRICAL CODE, AND THE 2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS; AND PROVIDING FOR THE SEVERABILITY THEREOF.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORMAN, OKLAHOMA:

§ 1. That all sections of Article I. General Administration of Chapter 5 of the Code of the City of Norman, Oklahoma, be repealed and replaced in its entirety to read as follows:

Chapter 5 - BUILDING CONSTRUCTION

Article I. GENERAL ADMINISTRATION

- Section 5-101 Application of the ~~2009 International Building Code~~ Construction Codes.
- Section 5-~~101-1~~102 Effect of conflicting provisions.
- Section 5-~~102~~103 Inspections.
- Section 5-~~103~~104 Permits required.
- Section 5-~~104~~105 Permit fee schedule.
- Section 5-~~105~~106 Permit fee waiver.
- Section 5-107 Appeals.
- Section 5-~~106~~108 Penalties.

Article II. ~~BUILDING CODE~~ CONSTRUCTION CODES

- Section 5-201 Adoption of the ~~2009 International Building Code as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. §1000.23 and all amendments, additions, and deletions thereto as identified below.~~
- Section 5-202 ~~Appendices to the 2009 International Building Code as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.2.~~
- Section 5-203 ~~Amendments to the Building Code.~~
- Section 5-204 ~~Reserved.~~
- Section 5-205 ~~Reserved.~~
- Section 5-206 ~~Reserved.~~

Section 5-207 Adoption of the ~~2009 International Mechanical Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. §1000.23.~~

(Moves to Section 5-205)

Section 5-208 Adoption of the ~~2009 International Plumbing Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. §1000.23.~~

(Moves to Section 5-204)

Section 5-209 Adoption of the ~~2011 National Electric~~ **Electrical** Code NFPA 70 as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. §1000.23.

(Moves to Section 5-207)

Section 5-210 Adoption of the ~~2009 International Fuel Gas Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. §1000.23.~~

(Moves to Section 5-206)

Section 5-211 Adoption of the ~~2006 International Energy Conservation Code and the Appendix.~~

(Moves to Section 5-203)

Section 5-212 Adoption of the ~~2009 International Residential Code for One and Two Family Dwellings as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. §1000.23.~~

(Moves to Section 5-208)

Section 5-213 Adoption of the ~~2009 International Existing Building Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

(Moves to Section 5-202)

Section 5-214 Adoption of the ~~2009 International Fire Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~ *(The adoption of the International Fire Code is moved to Chapter 9.)*

KEY

Deleted language

Inserted language

Changed fees

(Informational for edits within the document)

Chapter 5 - BUILDING CONSTRUCTION

ARTICLE I. - GENERAL ADMINISTRATION

Sec. 5-101. Application of ~~the 2009 International Building Code~~ **Construction Codes.**

Except as otherwise provided in this ~~article~~ **chapter**, the provisions of the 2009 International Building Code as amended and adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23 **Article II Construction Codes** shall apply to all construction, ~~extension~~ **alteration, relocation, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal** or ~~remodeling~~ **demolition** of buildings or structures **or appurtenances connected or attached to such buildings or structures**; ~~except one- and two-family dwellings which shall be governed by the 2009 International Residential Code for One and Two Family Dwellings as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23 and subsequent amendments listed in Section 5-212 of the Code of the City of Norman:~~

- ~~(a)~~**(1)** Within the limits of the City; and
- ~~(b)~~**(2)** Within one-half (½) mile outside the limits of the City when the City provides either water or sewer services to that building or structure.

Sec. ~~5-101-1102.~~ **5-102.102.** Effect of conflicting provisions.

(a) When any provision of this chapter conflicts with any other provision of this chapter, that provision which is the more specific or detailed shall control.

(b) Whenever the requirements or provisions of this chapter are in conflict with the requirements or provisions of any other lawfully adopted ordinances, the fire code official and the building official shall prescribe minimum requirements necessary to establish a reasonable level of fire and life safety and property protection from the hazards created by fire, explosion, and dangerous conditions concerning matters in conflict, and all provisions of this ordinance not in conflict shall remain in full force and effect.

(c) When any provision of the 2009 International Residential Code for One- and Two- Family Dwellings as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23 **in this chapter** needs clarification or elaboration, the provisions of the 2009 International Building Code, the 2009 International Mechanical Code, the 2009 International Plumbing Code, the 2014 National Electric **Electrical** Code, **and** the 2009 International Fuel Gas Code, ~~and the 2009 International Energy Conservation Codes as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23~~ **in this chapter** shall prevail.

Sec. ~~5-102-103.~~ **5-102.103.** Inspections.

(a) ~~When the framing of any building or structure is completed, when any rough electrical wiring or electrical installation work is completed, when any rough plumbing is completed, or when any air conditioning, heating or refrigeration system is initially installed, an inspection of that work~~ **All work for which a permit is required shall be subject to inspection as required by any code adopted in this chapter. Such inspection** shall be ~~given~~ **made** by the Department of Planning and Community Development.

(b) No plumbing work or electrical wiring, installed electrical or gas fixtures or electrical or gas equipment shall be used in a building or on any premises until it has also had a final inspection.

(c) ~~All work found to be faulty or incorrectly or defectively installed shall be corrected before any rough or final approval shall be given by an inspector, and when such has been corrected, notification for a reinspection shall then be given to the Department of Planning and Community Development.~~ *(This information is covered in the individual code books in chapter 1.)*

(d) All inspections shall be made by the Department of Planning and Community Development within two (2) working days from the receipt of the notification for the inspection or reinspection.

~~(e) No work which is required to be inspected shall be covered over or covered up prior to that particular inspection, and any covering in place shall be removed upon the order of the inspector. (This information is covered in the individual code books in chapter 1.)~~

Sec. 5-~~103~~104. Permits required; exceptions.

~~(a) Except as otherwise provided in subsection (b) of this section~~ **this chapter**, no person shall engage in the following acts without having first obtained the necessary permits from the Department of Planning and Community Development **appropriate City department**:

- ~~(1) The alteration, construction, enlargement, removal, relocation, or repair of any building or other structure, sign or other advertising structure.~~
- ~~(2) The installation of any electrical, gas distribution, or plumbing systems, the subsequent modification of existing systems, or the installation of electrical or gas appliances.~~
- ~~(3) The installation of any air conditioning, heating, and/or refrigeration systems, or the subsequent modification of existing systems.~~
- ~~(4) The construction, alteration, cutting, mutilation, or changing in any manner for any purpose, any paved or traveled portion of any street or alley, any curb, gutter, catch basin or other appurtenance of a street or alley or any sidewalk.~~
- ~~(5) The construction or repair of any off-site improvement within that area defined by the 2020 2025 Plan or the most recent comprehensive plan as adopted by City Council.~~

~~(b) No permit is required under the following circumstances:~~

- ~~(1) (a) Where a public utility corporation installs electrical conductors or equipment in the generation, transmission, sale, or use of electrical energy as outlined in their franchises with the City.~~
~~(b) Where electrical equipment or apparatus is manufactured, tested, serviced, or repaired.~~
- ~~(2) (a) Where the ordinary interior alterations or repairs of buildings or structures do not exceed five hundred dollars (\$500.00), such alterations or repairs do not include the removal of any portion of a stone, concrete, or brick wall, such alterations or repairs do not include the removal, change, or closing of any stairway or opening in an exterior wall, and such alterations or repairs do not include the alteration or removal of any house sewer, drainage system, soil waste or vent pipe, light or power wiring, or other structural change for which a permit is otherwise required.~~
~~(b) Where a storage building is constructed which does not exceed one hundred eight (108) square feet of area (measured by outside dimensions), such building is not constructed on or attached to a concrete slab, foundation or permanent base, and such building has no electric, plumbing or gas service connection.~~
~~(c) Where a building or other structure is moved which is less than thirteen and one-half (13½) feet in height when loaded, twelve (12) feet in width, and an overall of fifty (50) feet in length.~~
- ~~(3) (a) Where the construction, alteration, cutting, and changing of a portion of any street or alley, any curb, gutter, catch basin or other appurtenance of a street or alley is under the direct supervision of the City Manager or his designee.~~
~~(b) Where such cutting or changing of a sidewalk is only for the repair of that sidewalk.~~
- ~~(4) Where an emergency construction or repair of an off-site improvement is necessary to protect the health and safety of the City inhabitants, and such construction or repair is made by a public utility or public service company; however, a permit is required after the commencement of that work.~~

(This information is covered in the individual code books or other chapters of the city ordinances.)

Sec. 5-~~104~~105. Permit fee schedule.

All fees within Items (1), (3), (4) and (5) of this section shall be doubled if the work is commenced before a permit is issued.

(1) The following building permit fees shall be charged:

- (A) Demolition permit: First floor\$20.00
Additional floors\$12.50 ea.
 - (B) Storm or fallout shelter, swimming pools25.00\$50.00 ea.
 - (C) Water well permit 40.00\$50.00 ea.
 - (D) One- and two-family dwellings including remodeling, alterations, covered open spaces, porches, patios, carports, awnings, and parking structures, per square foot of project area..... \$0.14
 - (E) One- and two-family dwellings, move-ins, and mobile homes, per square foot of project area \$0.14
 - (F) ~~Newly constructed~~ New construction and additions or alterations to multifamily buildings, fraternities, and sororities, per square foot of project area \$0.14
 - (G) ~~Newly constructed~~ New construction and additions or alterations to warehouses, industrial, and manufacturing buildings, per square foot of project area \$0.14
 - (H) ~~Newly constructed~~ New construction and additions or alterations to commercial buildings, office buildings, and institutional facilities, per square foot of project area \$0.14
 - (I) Foundation only permits: Fifty percent (50%) percent of full permit fee as calculated in Items (D), (E), (F), (G), and (H) above not to exceed One thousand dollars (or \$1,000.00). ~~whichever is less~~
 - (J) Plan examination fee*: ~~Included in permit fee, collected at time of submittal as Twenty percent (20%) percent of full permit fee as calculated in Items (D), (E), (F), (G), (H), and (I) above, collected at time of submittal. but in no case Fee shall be not~~ less than fifty dollars (\$50.00) nor more than four thousand dollars (\$4,000.00).
- * Plan examination fee is non-refundable.
- (K) ~~Newly constructed~~ New construction and additions or alterations to parking lots, ~~per square foot~~ 0.14\$50.00
 - (L) Minimum fee for each extra inspection, on-site consultation, or re-inspection \$25.00 ea.
 - (14) ~~Earth change permit: (From Section 1005.2 of the City of Norman Engineering Design Criteria) 100.00
plus \$10.00 per acre~~

(Deleted in favor of Item (7)(B) this section)

- (M) Retaining wall permit fees (See Section 1008.1 through 1008.3 of the City of Norman Engineering Design Criteria.):
 - [1] Retaining walls from two (2) feet in height to less than three (3) feet in height \$50.00 ea.
 - [2] Retaining walls three (3) feet in height or more..... \$75.00 ea.
 - [3] If the Builder/Contractor obtained a retaining wall permit, but the retaining wall is constructed without the proper required inspections, a penalty of fifty dollars (\$50.00) for each missed inspection will be

incurred. Additionally, the Builder/Contractor will be required to provide documentation that the retaining wall was constructed per the permit. (~~From Section 1008.2 and 1008.3 of the City of Norman Engineering Design Criteria~~)

(2) Certificate of Occupancy fees:

(A) Certificate of Occupancy (CO) fees are included in permit fees and collected when permit is issued. All outstanding fees are due and payable before the CO is issued.

(B) A Temporary Certificate of Occupancy (TCO) may be issued for 30 days provided the structure or portions thereof may be occupied safely. All outstanding fees are due and payable before the TCO is issued. If the TCO expires prior to receiving a CO, the permit holder shall obtain an extension. The conditions for an extension shall be the same as for the initial TCO. Temporary Certificate of Occupancy fees are as follows:

[1] \$100.00 for each one- and two-family dwelling, manufactured home, townhouse, or accessory building/structure.

[2] \$250.00 for all other permits.

(3) The following air-conditioning, heating and refrigeration fees shall be charged:

(A) Heating and Cooling Equipment:

- ~~(1) Class A refrigeration units per unit185.00~~
- ~~(2) Class B refrigeration units per ton or hp1.80
Minimum fee57.50~~
- ~~(3) Class C refrigeration units per ton or hp2.50
Minimum fee17.50~~
- ~~(4) Class D refrigeration units, per unit17.50~~
- ~~(5) Class E refrigeration unitsNo charge~~
- ~~(6) Class WA-1 direct-fired system, per unit17.00~~
- ~~(7) Class WA-2 direct-fire system, per unit16.50~~
- ~~(8) Class WA-3 direct-fired system, per unit23.00~~
- ~~(9) Class HW-1 Hot water-heated air system, per unit17.00~~
- ~~(10) Class HW-2 Hot water-heated air system, per unit23.00~~
- ~~(11) Class EH-1 electric-heated air system, per unit17.00~~
- ~~(12) Class EH-2 electric-heated air system, per unit16.50~~
- ~~(13) Class EH-3 electric-heated air system, per unit23.00~~
- ~~(14) Class EH-4 electric-heated air system, per unit41.00~~

Cooling Units of 0 to 3 Tons/HP.....\$17.50 per unit

Cooling Units of 3.5 to 25 Tons/HP.....\$2.50 per ton
(\$17.50 minimum per unit)

Cooling Units of 25.5 to 149.5 Tons/HP\$1.80 per ton
(\$57.50 minimum per unit)

Cooling Units of 150 Tons/HP or larger \$185.00 per unit

Gas Heating Unit 0 to 120k BTU output \$17.00 per unit

Gas Heating Unit 121k to 200k BTU output..... \$16.50 per unit

Gas Heating Unit over 200k BTU output \$23.00 per unit

Electric Heating Unit 0 to 40 KWH output.....\$17.00 per unit

Electric Heating Unit 41 to 60 KWH output.....\$16.50 per unit

Electric Heating Unit 61 to 150 KWH output.....\$23.00 per unit

Electric Heating Unit over 150 KWH output.....\$41.00 per unit

(B) Minimum fee for each extra inspection, on-site consultation, or re-inspection \$25.00 ea.

~~(C) Additions, alterations or repair of existing mechanical systems; per inspection~~

~~Minimum-Base fee \$25.00~~

~~(Base fee includes first two inspections)~~

~~Additional inspections 15.00 \$25.00 ea.~~

~~(16) Minimum fee, each extra inspection or re-inspection.....25.00~~

(Moved to Item (3)(B) above)

(4) The following electric permit fees shall be charged:

(A) Service size, general wiring:

125 amps or less..... \$35.00 ea.

126 amps to 200 amps \$58.00 ea.

Over ~~125~~ 200 amps; \$58.00 plus 23.00 \$25.00 per 100 amps
..... (or fraction thereof)

(B) Minimum fee for each extra inspection, on-site consultation, or re-inspection \$25.00 ea.

~~(2) Mobile homes:~~

~~a. 100 amps 35.00~~

~~b. 200 amps 53.00~~

(Same as Item (4)(A) above)

~~(3) Oil wells:~~

~~a. 100 amps or less 35.00~~

~~b. Over 100 amps 53.00~~

(Same as Item (4)(A) above)

~~(4) Additional charges for commercial building only:~~

~~a. Motors up to one (1) hp 1.00~~

~~b. Motors one (1) hp and over 2.00~~

~~c. Apparatus, such as air conditioners, electric ranges, X-ray machines, hot water heaters, elevators and other equipment requiring special heavy-duty circuits 1.00~~

(This charge is no longer applicable.)

~~(C) Additions, alterations or repair of existing electrical systems; per inspection~~

~~Minimum-Base fee \$25.00~~

~~(Base fee includes first two inspections)~~

~~Additional inspections 15.00 \$25.00 ea.~~

~~(6) Minimum fee for each extra inspection or re-inspection 25.00~~

(Moved to Item (4)(B) above)

(5) The following plumbing permit fees shall be charged:

(A) Service size, general plumbing:

¾ inch..... \$35.00 ea.

1 inch..... \$65.00 ea.

1 ½ inch.....	\$125.00 ea.
2 inch.....	\$215.00 ea.
3 inch.....	\$485.00 ea.
4 inch.....	\$725.00 ea.
6 inch.....	\$845.00 ea.
<u>8 inch.....</u>	<u>\$1,050.00 ea.</u>
<u>10 inch.....</u>	<u>\$1,560.00 ea.</u>

(B) Gas service size, general gas piping:

0— <u>less than</u> 2-inch	\$17.50 ea.
2—3-inch.....	\$22.50 ea.
Over 3-inch.....	\$32.50 ea.

(C) Minimum fee for each extra inspection, on-site consultation, or re-inspection.....

..... \$25.00 ea.

(D) Water service line, sewer service line or gas service line repair or replacement

~~\$15.00~~ \$25.00 ea.

(E) Additions, alterations or repair of existing plumbing systems; ~~per inspection.....~~

Minimum Base fee	\$25.00
<u>(Base fee includes first two inspections)</u>	
<u>Additional inspections</u>	<u>15.00 \$25.00 ea.</u>

~~(5) Minimum fee, each extra inspection or re-inspection 25.00~~

(Moved to Item (5)(B) above)

(6) Missed inspection fee: An inspection fee* of fifty dollars (\$50.00) for each missed inspection will be charged if work requiring an inspection is concealed before the work is inspected and approved. Additionally the work must be revealed for inspection or comply with an alternative inspection compliance method prescribed by the building official.

* Inspection fees are due and payable before the Certificate of Occupancy is issued.

(This fee has been added.)

(7) The following off-site improvement fees shall be charged (See Section 3001.8 of the City of Norman Engineering Standard Specification and Construction Drawings):

~~(1) The fee shall be either the minimum or the sum of all inspection fees, whichever is the greater amount:~~

- a. ~~The minimum charge.....~~ 15.00
- b. ~~Cost of construction:~~
 - 1. ~~Up to \$2,000.00~~ 4.24%
84.00
 - 2. ~~Next \$3,000.00 (\$2,001.00 to \$5,000.00)~~ 3.6%
108.00
 - 3. ~~Next \$5,000.00 (\$5,001.00 to \$10,000.00)~~ 3.03%
\$151.50
 - 4. ~~Next \$15,000.00 (\$10,001.00 to \$25,000.00)~~ 2.42%
363.00

- 5. ~~Next \$25,000.00 (\$25,001.00 to \$50,000.00)1.82%
455.00~~
- 6. ~~Over \$50,000.001.21 percent~~

(Deleted per Ken Danner. Fees are covered in Standard Specs and CDs.)

(A) Drive entrance and sidewalks:

- [1] Installation of a new sidewalk and drive entrance for a single-family lot*..... \$15.00 ea.
- [2] Replacement of driveway or sidewalk*..... \$15.00 ea.

*There will be no charge when the cause of the driveway or sidewalk replacement is due to a water or sewer line repair.

(B) Minimum fee for each extra inspection, on-site consultation, or additional re-inspection..... \$25.00 ea.

~~(2) Franchised public utility companies, public service companies, all governmental entities, and the City shall be exempt from permit fees but not from acquiring permits and not from the responsibility for the repair and replacement of existing improvements in compliance with the then in force and effect standards and specifications of the Code of the City.~~

(Deleted per Ken Danner. Fees are covered in Design Criteria.)

~~(f) Certificate of occupancy fees:~~

- ~~(1) Normal certificate of occupancy fees are included in permit fees and collected when permit is issued.~~
- ~~(2) Temporary certificate of occupancy fees are as follows:~~
 - ~~a. \$100.00 for each certificate for each residential unit; and~~
 - ~~b. \$250.00 for any permit other than residential permits.~~

(Relocated to subsection (2) above)

(8) Erosion control and earth change fees:

(A) An erosion control fee of eighty dollars (\$80.00) shall be assessed with each building permit issued for the construction of any structure or addition to a structure which results in greater than five hundred (500) square feet of new, additional impervious area; or the construction of any swimming pool, driveway, parking area; or any other construction activity which results in greater than five hundred (500) square feet of new, additional impervious area; except that no erosion control fee shall be charged for residential building permits on lots larger than two (2) acres when the additional impervious area is less than five thousand (5,000) square feet. No erosion control fee shall be charged for any permit when no new, additional impervious area is created.

(B) Earth change permit fee is one hundred dollars (\$100.00) plus ten dollars (\$10.00) per acre for administration and inspection. (See Section 1005.2 of the City of Norman Engineering Design Criteria.)

(9) Re-inspection fees: An inspection fee* of twenty five dollars (\$25.00) per inspection will be charged if a builder or property owner requests assistance from a City of Norman Construction Inspector or Engineer in determining the following:

- (A) Building pad elevation inspection;
- (B) Sidewalk or driveway approach design inspection;

- (C) Final Grading Design inspection;
- (D) Retaining Wall Design inspection; or
- (E) Any other similar activity that requires an on-site inspection, ~~an inspection fee of \$25.00 per inspection will be charged, which is due and payable before the Certificate of Occupancy is issued.~~

* Inspection fees are due and payable before the Certificate of Occupancy is issued.

Sec. 5-~~105~~106. Permit fee waiver.

When an applicant for a building permit is building a new home, remodeling an existing home or installing a mobile home due to the impact of a natural disaster as declared by the Governor of the State of Oklahoma and/or by the Mayor of the City of Norman, all building permit fees associated with such construction shall be waived according to the following limitations:

- (~~a~~)(1) The fee waiver shall not apply to any portion of a new structure which exceeds the square footage of the structure which is being replaced;
- (~~b~~)(2) The applicant must have been the owner of the structure(s) proposed to be rebuilt, at the time of the damage or destruction;
- (~~c~~)(3) The fee waiver shall not apply to a structure rebuilt after being damaged or destroyed by natural disaster without first obtaining building permits ~~and~~ or which has been cited as being in violation of building codes;
- (~~d~~)(4) The permits must be applied for within one (1) year of the natural disaster to be eligible for this fee waiver; and,
- (~~e~~)(5) All applicable fees required to be collected by the Oklahoma Uniform Building Code Commission are not waived.

Sec. 5-107. Appeals.

The property owner or his authorized agent shall have the right to appeal a decision or determination made by the building/code official relative to the application and interpretation of the appropriate code as adopted in this chapter to the Board of Appeals established in Section 4-1601 of the Code of the City of Norman whenever:

- (1) The true intent of the adopted codes, or the rules legally adopted thereunder, have been incorrectly or improperly interpreted,
- (2) The provisions of those codes do not fully apply, and/or,
- (3) An equally good or better form of construction is proposed.

(This information is added to replace the Board of Appeals section in the individual code books and direct users to the appropriate section of the city ordinances.)

Sec. 5-~~106~~108. Penalties.

(a) Any person, firm, or corporation convicted of violating any provision of this chapter or of failing to act or comply with the rules and regulations enacted pursuant to this chapter; shall be punished by a monetary fine of not less than fifty dollars (\$50.00) nor more than seven hundred fifty dollars (\$750.00), or by imprisonment for a period not to exceed sixty (60) days, or by both such fine and imprisonment for each such violation or failure to comply.

(b) Each day that a violation or failure to comply exists shall constitute a separate and distinct offense, and any one (1) or more of such offenses may be set out in any complaint or information filed.

~~Secs. 5-107—5-200. Reserved.~~

ARTICLE II. ~~BUILDING CODE~~ **CONSTRUCTION CODES**

Sec. 5-201. ~~Adoption of the 2009 International Building Code, as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23 and all amendments, additions, and deletions thereto as identified below:~~

(a) ~~Except as otherwise provided in this article, the 2009 International Building Code as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.2 (hereinafter referred to as the Building Code) is hereby incorporated into the Code of the City with the same force and effect as if fully set out in this subsection.~~ Pursuant to 59 O.S. §1000.23, the International Building Code, 2015 edition, as published by the International Code Council, Inc., including modifications by the Oklahoma Uniform Building Code Commission as set forth in Title 748, Chapter 20, Subchapter 1 of the Oklahoma Administrative Code; more specifically Sections 3, 7, 8, 9, 11, 12, 13, 14, 15, and 16, effective September 15, 2017; hereinafter referred to as "IBC," is hereby adopted as the Building Code of the City of Norman for regulating construction, alteration, relocation, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure other than one- and two-family dwellings, townhouses, manufactured homes, or accessory structures not more than three stories above grade plane with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.

In addition, any construction, alteration, repair, or installation of storm shelters and safe rooms in critical emergency operation facilities and educational facilities for children kindergarten through 12th grade that complies with Appendix N created in Title 748, Chapter 20, Subchapter 1, Section 19 of the Oklahoma Administrative Code shall be permitted; however, compliance with Appendix N is not mandatory.

(b) ~~The Building Code shall not become effective until at least three (3) copies, including modifications prescribed in this section, have been filed in the office of the City Clerk, for examination by the public.~~

~~Sec. 5-202. — Appendices to the 2009 International Building Code as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.2.~~

~~Adoption includes ONLY the following Appendix:~~

- ~~(1) Appendix G regarding Flood-Resistant Construction.~~

~~Sec. 5-203. — Amendments to the Building Code.~~

~~(a) Amend, delete or substitute within the following sections as indicated:~~

- ~~(1) Delete the Preamble referenced in Title 748:20-1-6 from the International Building Code as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.2. *(The preamble is deleted by the new method of adoption)*~~

(c) The following sections of the IBC are hereby amended, added, deleted, or substituted as noted:

(1) **101.1 Title [Amended].** These regulations shall be known as the *Building Code* of the City of Norman, hereinafter referred to as "this code."

(2) **101.4.3 Plumbing [Amended].** 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. Private sewage disposal systems shall conform to the regulations set forth in Title 252, Chapter 641 of the Oklahoma Administrative Code.

101.4.5 Fire prevention [Amended]. The provisions of the *International Fire Code* shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, *repair, alteration* or removal of

fire suppression, automatic sprinkler systems and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

~~(2)(4) Chapter 1, Section 103, DEPARTMENT OF BUILDING SAFETY and Section 103.1, Creation of enforcement agency – Replace "Department of Building Safety" with "~~

SECTION 103 DEVELOPMENT SERVICES DIVISION [Substitute]

(5) 103.1 Creation of enforcement agency [Amended]. The Development Services Division is hereby created and the official in charge thereof shall be known as the *building official*.

(6) 104.2.1 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas [Deleted]. IBC Section 104.2.1 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

(7) 104.10.1 Flood hazard areas [Amended]. The *building official* shall not grant modifications to any provisions required in *flood hazard areas* as established by Section 1612.3 without the prior issuance of a Flood Plain Permit by the City of Norman Flood Plain Committee.

(8) 105.1.1 Annual permit [Deleted]. IBC Section 105.1.1 is hereby deleted without substitution.

(9) 105.1.2 Annual permit records [Deleted]. IBC Section 105.1.2 is hereby deleted without substitution.

~~(3)(10) Chapter 1, Section 105.2 Building 1. – Replace "120 square feet" with "108 square feet" and delete reference to meters.~~

105.2 Work exempt from permit [Amended]. 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 following: the floor area is not greater than 108 square feet (10.03 M²); such building is not constructed on or attached to a concrete slab, foundation, or permanent base; and such building has no electric, plumbing or gas service connection.

2. Fences not over 8 feet (2438 mm) high.

3. Oil derricks.

4. Retaining walls shall be permitted and built per the City of Norman Engineering Standards, as amended.

{The remainder of the section shall remain unchanged.}

~~(4) Chapter 1, Section 105.2 Building 2. – Replace "6 feet high" with "8 feet high" (*Moved to Item (10) above*)~~

~~(5) Chapter 1, Section 105.2 Building 4. Delete retaining wall reference and replace with "Retaining walls shall be permitted and built per the City of Norman Engineering Standards, as amended." (*Moved to Item (10) above*)~~

~~(6)(11) Chapter 1, Section 110.3.5 Delete "Lath and gypsum board inspection"~~

110.3.5 Insulation inspection [Substitute]. Insulation inspections shall occur **be made** after framing, mechanical, electrical, and plumbing rough-in inspections are approved and before the installation of any wall coverings.

~~(7) Chapter 12, INTERIOR ENVIRONMENT, – Add new "Section 1208.5 Urinal partitions. Each urinal utilized by the public or employees shall occupy a separate area with walls or partitions to provide privacy. The construction of such walls or partitions shall incorporate~~

waterproof, smooth readily cleanable and nonabsorbent finish surfaces. The walls or partitions shall begin at a height not more than 12 inches from and extend not less than 60 inches above the finished floor surface. The walls or partitions shall extend from the wall surface at each side of the urinal a minimum of 18 inches or to a point not less than 6 inches beyond the outermost front lip of the urinal measure from the finished back wall surface, whichever is greater. Exceptions: 1. urinal partitions shall not be required in a single occupant or unisex toilet room with a lockable door. 2. Toilet rooms located in day care and child care facilities and containing two or more urinals shall be permitted to have one urinal without partitions." (This is now section 1210.3.2 in the IBC.)

(12) 110.3.10.1 Flood hazard documentation [Amended]. If located in a flood hazard area, the documentation of elevations required in Section 22-429.1 of the Code of the City of Norman shall be submitted to the Flood Plain Administrator prior to the final inspection.

(13) SECTION 113 BOARD OF APPEALS [Deleted]. IBC Section 113 is hereby deleted in favor of the provisions of Section 4-1601 of the Code of the City of Norman.

(14) 1203.4.2 Exceptions [Amended]. The following are exceptions to Sections 1203.4 and 1203.4.1:

1. Where warranted by climatic conditions, ventilation openings to the outdoors are not required if ventilation openings to the interior are provided.

2. The total area of ventilation openings is permitted to be reduced to 1/1,500 of the under-floor area where the ground surface is covered with a Class I vapor retarder material and the required openings are placed so as to provide cross ventilation of the space. The installation of operable louvers shall not be prohibited.

3. Ventilation openings are not required where continuously operated mechanical ventilation is provided at a rate of 1.0 cubic foot per minute (cfm) for each 50 square feet (1.02 L/s for each 10 m²) of crawlspace floor area and the ground surface is covered with a Class I vapor retarder.

4. Ventilation openings are not required where the ground surface is covered with a Class I vapor retarder, the perimeter walls are insulated and the space is conditioned in accordance with the *International Energy Conservation Code*.

5. For buildings in flood hazard areas as established in Section 1612.3, the openings for under-floor ventilation shall be designed and installed in accordance with Section 22-429.1 of the Code of the City of Norman.

~~(8)(15) Chapter 12, INTERIOR ENVIRONMENT, - Add new "Section 1208.6 1210.4 Water closets, urinals, lavatories and bidets.~~

1210.4 Fixture placement [Added]. A water closet, urinal, lavatory or bidet shall not be set closer than 15 inches (381 mm) from its center to any side wall, partition, vanity or other obstruction, or closer than 30 inches (762 mm) center-to-center between adjacent fixtures. There shall be at least a not less than a 21-inch (533 mm) clearance in front of the water closet, urinal, lavatory or bidet to any wall, fixture or door. Water closet compartments shall not be not less than 30 inches (762 mm) in width wide and 60 inches deep. (see Figure 405.3.1 of the IPC)."; and 60 inches (1524 mm) in depth for floor-mounted water closets and not less than 30 inches (762 mm) in width and 56 inches (1422 mm) in depth for wall-hung water closets.

(16) 1403.7 Flood resistance for coastal high-hazard areas and coastal A zones [Deleted]. IBC Section 1403.7 is hereby deleted without substitution.

(17) 1603.1.7 Flood design data [Amended]. For buildings located in whole or in part in flood hazard areas as established in Section 1612.3, the documentation pertaining to design shall be included as prescribed in Section 22-429.1 of the Code of the City of Norman.

(18) 1612.1 General [Amended]. Within flood hazard areas as established in Section 1612.3, all new construction of buildings, structures and portions of buildings and structures, including

substantial improvement and restoration of substantial damage to buildings and structures, shall be designed and constructed to resist the effects of flood hazards and flood loads and in accordance with the provisions contained in Section 22-429.1 of the Code of the City of Norman.

(19) 1612.3 Establishment of flood hazard areas [Amended]. Areas that have been determined to be prone to flooding shall be designated as *flood hazard areas* as shown on the City of Norman Special Flood Hazard Area Map.

(20) 1612.3.1 Design flood elevations [Amended]. The design flood elevation shall be determined as prescribed in Section 22-429.1 of the Code of the City of Norman.

(21) 1612.3.2 Determination of impacts [Deleted]. IBC Section 1612.3.2 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

(22) 1612.4 Design and construction [Amended]. The design and construction of buildings and structures located in *flood hazard areas* shall be in accordance with Chapter 5 of ASCE 7 and ASCE 24.

(23) 1612.5 Flood hazard documentation [Deleted]. IBC Section 1612.5 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

(24) 1804.5 Grading and fill in flood hazard areas [Amended]. Grading, fill or both in *flood hazard areas* established in Section 1612.3, is prohibited without the prior issuance of a Flood Plain Permit by the City of Norman Flood Plain Committee.

~~(9)(25) Chapter 29, PLUMBING SYSTEMS, Section 2901.1 Scope – Replace "International Private Sewage Disposal Code" with the "most recent regulations adopted by the State of Oklahoma Department of Environmental Quality";~~

2901.1 Scope [Amended]. The provisions of this chapter and the *International Plumbing Code* shall govern the erection, installation, *alteration*, repairs, relocation, replacement, addition to, use or maintenance of plumbing equipment and systems. Toilet and bathing rooms shall be constructed in accordance with Section 1210. Plumbing systems and equipment shall be constructed, installed and maintained in accordance with *the International Plumbing Code*. Private sewage disposal systems shall conform to the regulations set forth in Title 252, Chapter 641 of the Oklahoma Administrative Code.

~~(10) Chapter 29, PLUMBING SYSTEMS, Section 2902.1 Minimum number of fixtures – add "Exception: In occupancies other than assembly, business owners may elect to provide drinking water by a means other than a drinking fountain when the code calculated occupant load is 50 persons or less." (This is less stringent than the codes adopted by OUBCC.)~~

~~(11) Chapter 29, PLUMBING SYSTEMS, Section 2902.2 Separate facilities – add new exception "4. In occupancies other than assembly, business owners may elect to provide a single user accessible toilet facility when the code calculated occupant load is 50 persons or less." (This is less stringent than the codes adopted by OUBCC.)~~

~~(12)(26) Chapter 31, Section 3106 MARQUEES, Section 3106.1 General – Add "~~

3106.1 General [Amended]. Marquees shall comply with Sections 3106.2 through 3106.5 and other applicable sections of this code. All marquees shall require a Consent to Encroach approval by the City Council.

~~(13)(27) Chapter 32, ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY, Section 3202.3 Encroachments 8 feet or more above grade – Add~~

3202.3 Encroachments 8 feet or more above grade [Amended]. Encroachments 8 feet (2438 mm) or more above grade shall comply with Sections 3202.3.1 through 3202.3.4. Such encroachments, other than Except for awnings and canopies, ~~no encroachment shall be allowed without~~ require a Consent to Encroach approval by the City Council.

~~(14)(28) Chapter 33, SAFEGUARDS DURING CONSTRUCTION, Section 3306 Protection of Pedestrians, Section 3306.2 Walkways – Add "~~

3306.1 Protection required [Amended]. Pedestrians shall be protected during construction, remodeling and demolition activities as required by this chapter and Table 3306.1. Signs shall be provided to direct pedestrian traffic. Where pedestrian protection encroaches in the public right of way a permit shall be obtained from the Department of Public Works per 1010.1(B) of the City of Norman Engineering Design Criteria.

- (15) Chapter 34, EXISTING STRUCTURES, [EB] Section 3401 General, Section 3401.3 Compliance with other Codes - Replace "International Private Sewage Disposal Code" with the "most recent regulations adopted by the State of Oklahoma Department of Environmental Quality"; *(Chapter 34 no longer exists in the IBC.)*
- (16) Chapter 34, EXISTING STRUCTURES, [EB] Section 3403 Additions, Alterations or Repairs- Add at end of Section 3403.1 "The provisions of this code are not intended to limit the appropriate use of materials, appliances, equipment or methods of design or construction not specifically prescribed by this code, provided the building official determines that the proposed alternative materials, appliances, equipment or methods of design or construction are at least equivalent of that prescribed in this code in suitability, quality, strength, effectiveness, fire resistance, durability, dimensional stability, safety and sanitation. The building official may require that the evidence of proof be submitted to substantiate any claims that may be made regarding the proposed alternative."; and *(Chapter 34 no longer exists in the IBC.)*
- (17) Chapter 34, EXISTING STRUCTURES, Section 3412.2 Applicability -- Delete "on which construction was begun at least ten (10) years prior to the date of adoption of this code by the State of Oklahoma [OR, ANY DATE MAY BE INSERTED BY A JURISDICTION THAT HAS THE LEGAL RIGHT TO DO SO, SUCH AS BUT NOT LIMITED TO COUNTIES AND MUNICIPALITIES]"; *(Chapter 34 no longer exists in the IBC.)*

(29) CHAPTER 35 REFERENCED STANDARDS [Amended]. IBC Chapter 35 is hereby amended to include the following substitution:

[Substitute] "IECC-15 with "IECC-06"

[Substitute] "NFPA 13-13 with "NFPA 13-16"

[Substitute] "NFPA 13D-13 with "NFPA 13D-16"

[Substitute] "NFPA 13R-13 with "NFPA 13R-16"

[Substitute] "NFPA 14-13 with "NFPA 14-16"

[Substitute] "NFPA 17A-13 with "NFPA 17A-17"

[Substitute] "NFPA 20-13 with "NFPA 20-16"

[Substitute] "NFPA 30-12 with "NFPA 30-15"

[Substitute] "NFPA 72-13 with "NFPA 72-16"

~~Sec. 5-204. Reserved.~~

~~Sec. 5-205. Reserved.~~

~~Sec. 5-206. Reserved.~~

Sec. 5-207. ~~Adoption of the 2009 International Mechanical Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

(Moves to Section 5-205)

(a) ~~Adoption includes ONLY Appendix A regarding Combustion Air Openings and Chimney Connector Pass-Throughs; Pursuant to 59 O.S. §1000.23, the International Mechanical Code, 2015 edition, including Appendix A, as published by the International Code Council, Inc., including modifications by the Oklahoma Uniform Building Code Commission as set forth in Title 748, Chapter 20,~~

Subchapter 13 of the Oklahoma Administrative Code; more specifically Sections 8, 9, 10, and 10.1, effective September 15, 2017; hereinafter referred to as "IMC," is hereby adopted as the Mechanical Code of the City of Norman for regulating design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of mechanical systems with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.

(b) The Mechanical Code shall not become effective until at least three (3) copies, including modifications prescribed in this section, have been filed in the office of the City Clerk.

(b)(c) ~~Amend, delete or substitute within the following sections as indicated:~~ The following sections of the IMC are hereby amended, added, deleted, or substituted as noted:

- (1) **101.1 Title [Amended].** These regulations shall be known as the *Mechanical Code* of the City of Norman, hereinafter referred to as "this code."
- (2) **101.2.1 Appendices [Amended].** The provisions in appendix A is hereby adopted and is considered a part of this code. All other appendices are not adopted and shall not apply.
- (3) **SECTION 103 DEVELOPMENT SERVICES DIVISION [Substitute]**
- (4) **103.1 General [Amended].** The Development Services Division is hereby created and the official in charge thereof shall be known as the *code official*.
- (5) **106.1.1 Annual permit [Deleted].** IMC Section 106.1.1 is hereby deleted without substitution.
- (6) **106.1.2 Annual permit records [Deleted].** IMC Section 106.1.2 is hereby deleted without substitution.
- (7) **106.5 Fees [Amended].** A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.
- (8) **106.5.1 Work commencing before permit issuance [Amended].** Any person who commences any work on a mechanical system before obtaining the necessary permits shall be subject to a fee established by the *code official* that shall be in addition to the required permit fees.
- (9) **106.5.2 Fee schedule [Deleted].** IMC Section 106.5.2 is hereby deleted without substitution.
- (10) **106.5.3 Fee refunds [Amended].** The *code official* is authorized to establish a refund policy.
- (11) **108.4 Violation penalties [Amended].** Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, installs, alters or repairs mechanical work in violation of the *approved construction documents*, directive of the *code official* or of a permit issued under the provisions of this code shall be subject to penalties as prescribed by law.
- (12) **108.5 Stop work orders [Amended].** Upon notice from the *code official* that work on any mechanical system regulated by this code is being performed in a manner either contrary to the provisions of this code or dangerous or unsafe, the *code official* is authorized to issue a stop work order. The stop work order shall be in writing and shall be given to the owner of the property involved, to the owner's authorized agent or to the person performing the work. The stop work order shall state the reason for the order and the conditions under which the cited work will be permitted to resume. Any person who shall continue any work on the mechanical system after having been served with a stop work order, except such work as that person is directed to perform to remove the violation or unsafe condition, shall be subject to penalties as prescribed by law.
- (13) **SECTION 109 MEANS OF APPEAL [Deleted].** IMC Section 109 is hereby deleted in favor of the provisions of Section 4-1601 of the Code of the City of Norman.

- (1) ~~Delete the Preamble referenced in Title 748:20-13-6 from the International Mechanical Code as amended and adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23; *(The preamble is deleted by the new method of adoption)*~~
- (2) ~~Chapter 3, Section 306.3 Appliances in attics. Exception 2 Delete "the passageway shall be not greater than 50 feet (1520 mm) in length." and replace with "or where not more than 20 feet length of the passageway is a minimum 30 inches high and 22 inches wide, the entire passageway shall be not greater than 50 feet in length.";~~ *(This is less stringent than the codes adopted by OUBCC.)*

~~(3)(14) Chapter 5, Section 504.6.1 Domestic clothes dryer ducts—After 504.6.1 insert "~~

504.8.1 Material and size [Amended]. Exhaust ducts shall have a smooth interior finish and shall be constructed of metal a minimum 0.016 inch (0.4 mm) thick. The exhaust duct size shall be 4 inches (102 mm) nominal in diameter.

Exception: Schedule 40 PVC pipe may be used if the installation complies with all of the following:

- (a) **1.** The duct shall be installed under a concrete slab poured on grade **and arranged to drain to the building exterior.**
- (b) **2.** The under-floor trench in which the duct is installed shall be completely backfilled with sand or gravel.
- (c) **3.** The PVC duct shall extend not greater than 1 inch above the indoor concrete floor surface.
- (d) **4.** The PVC duct shall extend not greater than 1 inch above grade outside of the building. ~~or~~
- (e) **5.** The PVC ducts shall be solvent cemented.

(15)507.2 Type I hoods [Amended]. Type I hoods shall be installed where cooking appliances produce grease or smoke as a result of the cooking process. Type I hoods shall be installed over medium-duty, heavy-duty and extra-heavy-duty cooking appliances.

Exception: A Type I hood shall not be required for an electric cooking appliance where an approved testing agency provides documentation that the appliance effluent contains 5 mg/m³ or less of grease when tested at an exhaust flow rate of 500 cfm (0.236 m³/s) in accordance with UL 710B.

(B) [Deleted]. The exception added in Title 748, Chapter 20, Subchapter 13, Subsection 9, item (2) of the Oklahoma Administrative Code; is hereby deleted without substitution.

(16) CHAPTER 15 REFERENCED STANDARDS [Amended]. IMC Chapter 15 is hereby amended to include the following substitution:

[Substitute] "IECC-15" with "IECC-06"

[Substitute] "NFPA 72-13 with "NFPA 72-16"

Sec. 5-208. Adoption of the ~~2009 International Plumbing Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

(Moves to Section 5-204)

(a) ~~Adoption includes ONLY the following Appendices:~~ **Pursuant to 59 O.S. §1000.23, the International Plumbing Code, 2015 edition, including Appendix B, C, D, and E; as published by the International Code Council, Inc., including modifications by the Oklahoma Uniform Building Code Commission as set forth in Title 748, Chapter 20, Subchapter 15 of the Oklahoma Administrative Code; more specifically Sections 7, 8, 9, 11, 12, 14, 15, 16, and 16.1, effective September 15, 2017; hereinafter referred to as "IPC," is hereby adopted as the Plumbing Code of the City of Norman for regulating design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement,**

addition to, use or maintenance of plumbing systems with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.

- ~~(1) Appendix B regarding Rates of Rainfall for Various Cities;~~
- ~~(2) Appendix C regarding Gray Water Recycling Systems;~~
- ~~(3) Appendix D regarding Degree Day and Design Temperatures;~~
- ~~(4) Appendix E regarding Sizing of Water Piping System;~~
- ~~(5) Appendix F regarding Structural Safety; and~~
- ~~(6) Appendix G regarding Vacuum Drainage System.~~

(b) The Plumbing Code shall not become effective until at least three (3) copies, including modifications prescribed in this section, have been filed in the office of the City Clerk.

(b)(c) Amend, delete or substitute within the following sections as indicated: The following sections of the IPC are hereby amended, added, deleted, or substituted as noted:

~~(1) Delete the Preamble referenced in Title 748:20-15-6 from the International Plumbing Code as amended and adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.; *(The preamble is deleted by the new method of adoption)*~~

(1) **101.1 Title [Amended].** These regulations shall be known as the *Plumbing Code* of the City of Norman, hereinafter referred to as "this code."

(2) **101.2.1 Appendices [Added].** The provisions in appendices B, C, D and E are hereby adopted and are considered a part of this code. All other appendices are not adopted and shall not apply.

(3) **SECTION 103 DEVELOPMENT SERVICES DIVISION [Substitute]**

(4) **103.1 General [Amended].** The Development Services Division is hereby created and the official in charge thereof shall be known as the *code official*.

(5) **106.1.1 Annual permit [Deleted].** IPC Section 106.1.1 is hereby deleted without substitution.

(6) **106.1.2 Annual permit records [Deleted].** IPC Section 106.1.2 is hereby deleted without substitution.

(7) **106.6 Fees [Amended].** A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

(8) **106.6.1 Work commencing before permit issuance [Amended].** Any person who commences any work on a plumbing system before obtaining the necessary permits shall be subject to a fee established by the *code official* that shall be in addition to the required permit fees.

(9) **106.6.2 Fee schedule [Deleted].** IPC Section 106.6.2 is hereby deleted without substitution.

(10) **106.6.3 Fee refunds [Amended].** The *code official* is authorized to establish a refund policy.

(11) **108.4 Violation penalties [Amended].** Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, installs, alters or repairs plumbing work in violation of the approved construction documents, directive of the *code official* or of a permit issued under the provisions of this code, shall be subject to penalties as prescribed by law.

(12) **108.5 Stop work orders [Amended].** Upon notice from the *code official* that work on any plumbing system regulated by this code is being performed in a manner either contrary to the provisions of this code or dangerous or unsafe, the *code official* is authorized to issue a

stop work order. The stop work order shall be in writing and shall be given to the owner of the property involved, to the owner's authorized agent or to the person performing the work. The stop work order shall state the reason for the order and the conditions under which the cited work will be permitted to resume. Any person who shall continue any work on the plumbing system after having been served with a stop work order, except such work as that person is directed to perform to remove the violation or unsafe condition, shall be subject to penalties as prescribed by law.

~~(13)~~ **SECTION 109 MEANS OF APPEAL [Deleted].** IPC Section 109 is hereby deleted in favor of the provisions of Section 4-1601 of the Code of the City of Norman.

~~(2)~~~~(14)~~ **CHAPTER 2 DEFINITIONS [Amended].** Section 202 GENERAL DEFINITIONS. add **Service Sink** IPC Section 202 is adopted as published, provided that the following definition is hereby added to read as follows:

Service Sink SERVICE SINK [Added]. In occupancy groups B, M, S and U a service sink is defined as any approved sink, basin or bowl that discharges to the building sewer and can be used in conjunction with a potable water faucet for the purpose of building cleaning and/or maintenance provided the potable water faucet is not also used for drinking water.

~~(3)~~~~(15)~~ Chapter 3, GENERAL REGULATIONS, Section 312, Section 312.6 Gravity sewer test - Replace "public sewer" with "location of

312.6 Gravity sewer test [Amended]. Where required, gravity sewer tests shall consist of plugging the end of the building sewer at the point of connection with the building cleanout, filling the building sewer with water, testing with not less than 5 foot (1024 mm) head of water and maintaining such pressure for 15 minutes.

~~(16)~~ **410.4 Substitution [Amended].** Where restaurants provide *drinking water* in a container free of charge, *drinking fountains* shall not be required in those restaurants. In occupancy Group B, F, M, I-4 and S, with an occupant load less than 50, where *drinking fountains* are required, a *water dispenser* connected to the potable water distribution system shall be permitted to be substituted for the required *drinking fountain*. In other occupancies where *drinking fountains* are required, *water dispensers* shall be permitted to be substituted for not more than 50 percent of the required number of *drinking fountains*.

(This amendment is technically less stringent than the codes adopted by OUBCC. However, this amendment meets the intent of the IPC for providing permanent potable water for occupants while still maintaining the spirit of an amendment previously made by the City of Norman.

~~(4)~~ Chapter 4, FIXTURES, FAUCETS AND FIXTURE FITTINGS, Section 403 MINIMUM PLUMBING FACILITIES, Section 403.1 Minimum number of fixtures - add "Exception: In occupancies other than assembly, business owners may elect to provide drinking water by a means other than a drinking fountain when the code calculated occupant load is 50 persons or less."; *(This is less stringent than the codes adopted by OUBCC.)*

~~(5)~~ Chapter 4, FIXTURES, FAUCETS AND FIXTURE FITTINGS, Section 403 MINIMUM PLUMBING FACILITIES, Section 403.2 Separate facilities - add new exception "4. In occupancies other than assembly, business owners may elect to provide a single user accessible toilet facility when the code calculated occupant load is 50 persons or less."; *(This is less stringent than the codes adopted by OUBCC.)*

~~(6)~~ Chapter 4, FIXTURES, FAUCETS AND FIXTURE FITTINGS, Section 419 URINALS, Section 419.1 After CSA B45.5. Add When a waterless urinal is installed, the installer is obligated to install a properly sized water line to each urinal location which could later be used for a water supplied urinal. *(This amendment previously made by the City of Norman has been omitted with this adoption.)*

~~(7) Chapter 4, FIXTURES, FAUCETS AND FIXTURE FITTINGS, Section 424 FAUCETS AND OTHER FIXTURE FITTINGS, Section 424.5 after "tub/shower valve in accordance with Section 424.3" add "Exception: One and Two-Family Dwellings" (This is less stringent than the codes adopted by OUBCC.)~~

(17) 701.2 Sewer required [Amended]. Buildings in which plumbing fixtures are installed and premises having drainage piping shall be connected to a public sewer, where available, or an approved private sewage disposal system as set forth in Title 252, Chapter 641 of the Oklahoma Administrative Code.

(18) CHAPTER 15 REFERENCED STANDARDS [Amended]. IPC Chapter 15 is hereby amended to include the following substitution:

[Substitute] "IECC-15" with "IECC-06"

Sec. 5-209. Adoption of the 2011 National Electric Electrical Code ~~-NFPA-70 as adopted by the Oklahoma Uniform Building Code Commission to 59 O.S. § 1000.23.~~

(Moves to Section 5-207)

(a) Amend, delete or substitute within the following sections as indicated: Pursuant to 59 O.S. §1000.23, the NFPA® 70, National Electrical Code, 2014 edition, including Annex H, as published by the National Fire Protection Association®, including modifications by the Oklahoma Uniform Building Code Commission as set forth in Title 748, Chapter 20, Subchapter 9 of the Oklahoma Administrative Code; more specifically Sections 6.1, 6.2, 7, and 8, effective September 15, 2017; hereinafter referred to as "NEC," is hereby adopted as the Electrical Code of the City of Norman for regulating electrical installations made, maintained and operated with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.

(b) The Electrical Code shall not become effective until at least three (3) copies, including modifications prescribed in this section, have been filed in the office of the City Clerk.

(c) The following sections of the NEC are hereby amended, added, deleted, or substituted as noted:

~~(1) Delete the Preamble referenced in Title 748:20-9-6 Article 90 from the National Electrical Code as amended and adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.; (The preamble is deleted by the new method of adoption)~~

(1) 80.7 Title [Amended]. These regulations shall be known as the *Electrical Code* of the City of Norman, hereinafter referred to as this *Code*.

(2) 80.15 Electrical Board [Deleted]. NEC Annex H Article 80.15 is hereby deleted without substitution.

(3) 80.19 (D) Annual Permits [Deleted]. NEC Annex H Article 80.19 Section (D) is hereby deleted without substitution.

(4) 80.23 (B) (3) [Amended]. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs work in violation of the approved construction documents, directive of the *code official* or of a permit issued under the provisions of this code, shall be subject to penalties as prescribed by law.

(5) 80.27 Inspector's Qualifications [Deleted]. NEC Annex H Article 80.27 is hereby deleted in favor of the provisions of Title 158, Chapter 60 of the Oklahoma Administrative Code.

~~(2)(6) Chapter 1, General, Article 110.5 Conductors – Add at end of paragraph~~

110.5 Conductors [Amended]. Conductors normally used to carry current shall be of copper unless otherwise provided in this *Code*. Where the conductor material is not specified, the material and the sizes given in this *Code* shall apply to copper conductors. Where other materials are used, the size shall be changed accordingly. The use of aluminum conductors shall be prohibited except for exterior uses and for underground service feeders for manufactured homes.

Informational Note: For aluminum and copper-clad aluminum conductors, see 310.15.

- (3) Chapter 2, Wiring and Protection Article 210.4(B) Disconnecting Means. Delete all text in the section and replace with "Where a multi-wire branch circuit supplies more than one device or equipment on the same yoke, a means shall be provided to disconnect simultaneously all ungrounded conductors supplying those devices or equipment at the point where the branch circuit originates." *(This amendment is in the 2015 adoption of NEC by OUBCC.)*
- (4) Chapter 2, Wiring and Protection, Article 210.8(A)(3) Outdoors – expand exception provided in Article 426 by adding "as well as, exterior receptacles for outside holiday lighting, so long as the minimum height above adjoining ground area is 7 feet"; *(This is less stringent than the codes adopted by OUBCC.)*
- (5)(7) Chapter 2, Wiring and Protection, Article 210.23(A) 15- and 20 Ampere Branch Circuits- add section "(A) (3)

210.23 (A) (3) Dwelling Occupancies [Added]. Dwelling unit receptacle outlets installed in accordance with 210.52 and lighting outlets installed in accordance with 210.70 shall be limited to a maximum of 44 10 for 20-ampere and a maximum of 40 8 for 15-ampere branch circuits. Kitchen receptacle outlets installed in accordance with 210.52 (B)(3) and 210.52 (C) shall not exceed 5.

- (6)(8) Chapter 2, Wiring and Protection, Article 230.70(A)(1) Location. Add

230.70 (A) (1) Readily Accessible Location [Amended]. The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure or inside nearest the point of entrance of the service conductors. The distance from the point of entrance of a building or structure to the service disconnecting equipment enclosure shall not exceed 24 inches measured horizontally or 60 inches measured vertically.

- (7)(9) Chapter 3, Wiring Methods and Materials, Article 312 Add "312.8(4) Mounting Height

312.8 (4) Mounting Height [Added]. Enclosures for switches or over-current devices shall be installed so the bottom of the enclosure is not less than 600 mm (2 feet) above finish grade or working platform unless specifically listed or approved for an alternate mounting height.

- (8)(10) Chapter 3, Wiring Methods and Materials, Article 334.10 Uses Permitted – delete all of (3), and (4)

334.10 (3) & (4) [Deleted]. NEC Article 334.10 Items (3) & (4) are hereby deleted without substitution.

Sec. 5-210. Adoption of the ~~2009 International Fuel Gas Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

(Moves to Section 5-206)

(a) ~~Adoption includes all of the Appendices, which are:~~ Pursuant to 59 O.S. §1000.23, the International Fuel Gas Code, 2015 edition, including Appendix A, B, and C, as published by the International Code Council, Inc., including modifications by the Oklahoma Uniform Building Code Commission as set forth in Title 748, Chapter 20, Subchapter 11 of the Oklahoma Administrative Code; more specifically Sections 6.1, 7 and 8, effective September 15, 2017; hereinafter referred to as "IFGC," is hereby adopted as the Fuel Gas Code of the City of Norman for regulating installation of gas piping and fuel fired appliances with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.

- (1) ~~Appendix A regarding Sizing and Capacities of Gas Piping;~~
- (2) ~~Appendix B regarding Sizing of Venting Systems serving Appliances equipped with Draft Hoods, Category 1 Appliances, and Appliances listed for Use and Type B Vents; and~~
- (3) ~~Appendix C regarding Exit Terminals of Mechanical Draft and Direct Vent Venting Systems.~~

(b) The Fuel Gas Code shall not become effective until at least three (3) copies, including modifications prescribed in this section, have been filed in the office of the City Clerk.

(b)(c) Amend, delete or substitute within the following sections as indicated: The following sections of the IFGC are hereby amended, added, deleted, or substituted as noted:

- (1) Delete the Preamble referenced in Title 748:20-11-6 from the International Fuel Gas Code as amended and adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23; *(The preamble is deleted by the new method of adoption)*
- (1) **101.1 Title [Amended].** These regulations shall be known as the *Fuel Gas Code* of the City of Norman, hereinafter referred to as "this code."
- (2) **101.3 Appendices [Amended].** The provisions in appendices A, B and C are hereby adopted and are considered a part of this code. All other appendices are not adopted and shall not apply.
- (3) **SECTION 103 DEVELOPMENT SERVICES DIVISION [Substitute]**
- (4) **103.1 General [Amended].** The Development Services Division is hereby created and the official in charge thereof shall be known as the *code official*.
- (5) **106.1.1 Annual permit [Deleted].** IFGC Section 106.1.1 is hereby deleted without substitution.
- (6) **106.1.2 Annual permit records [Deleted].** IFGC Section 106.1.2 is hereby deleted without substitution.
- (7) **106.6 Fees [Amended].** A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.
- (8) **106.6.1 Work commencing before permit issuance [Amended].** Any person who commences any work on an installation before obtaining the necessary permits shall be subject to a fee established by the *code official* that shall be in addition to the required permit fees.
- (9) **106.6.2 Fee schedule [Deleted].** IFGC Section 106.6.2 is hereby deleted without substitution.
- (10) **106.6.3 Fee refunds [Amended].** The *code official* is authorized to establish a refund policy.
- (11) **108.4 Violation penalties [Amended].** Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, installs, alters or repairs work in violation of the *approved construction documents*, directive of the *code official* or of a permit issued under the provisions of this code, shall be subject to penalties as prescribed by law.
- (12) **108.5 Stop work orders [Amended].** Upon notice from the *code official* that work regulated by this code is being performed in a manner either contrary to the provisions of this code or dangerous or unsafe, the *code official* is authorized to issue a stop work order. The stop work order shall be in writing and shall be given to the owner of the property involved, to the owner's authorized agent or to the person performing the work. The stop work order shall state the reason for the order and the conditions under which the cited work will be permitted to resume. Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove the violation or unsafe condition, shall be subject to penalties as prescribed by law.
- (13) **SECTION 109 MEANS OF APPEAL [Deleted].** IFGC Section 109 is hereby deleted in favor of the provisions of Section 4-1601 of the Code of the City of Norman.
- (2)(14) Chapter 3, GENERAL REGULATIONS, Section 305 INSTALLATION, Section 305.3 Elevation of ignition source. After "above the floor" add "

305.3 Elevation of ignition source [Amended]. *Equipment and appliances having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor surface on which the equipment or appliance rest in hazardous locations and public garages, private garages, repair garages, motor fuel-dispensing facilities and parking garages. For the purpose of this section, rooms or spaces that are not part of the living space of a dwelling unit and that communicate directly with a private garage through openings shall be considered to be part of the private garage.*

Exception: *Elevation of the ignition source is not required for appliances that are listed as flammable vapor ignition resistant.*

~~(3) Chapter 3, GENERAL REGULATIONS, Section 306 ACCESS AND SERVICE SPACE, Section 306.3 Appliances in attics. Exception: 2 delete "the passageway shall be not greater than 50 feet (1520 mm) in length." and replace with "or where not more than 20 feet length of the passageway is a minimum 30 inches high and 22 inches wide, the entire passageway shall be not greater than 50 feet in length.";~~ *(This is less stringent than the codes adopted by OUBCC.)*

(15) 310.1.1 CSST [Amended]. *Corrugated stainless steel tubing (CSST) gas piping systems and piping systems containing one or more segments of CSST shall be bonded to the electrical service grounding electrode system or, where provided, the lightning protection grounding electrode system.*

Exception: [Deleted] *The exception added in Title 748, Chapter 20, Subchapter 11, Section 7, Item (6) of the Oklahoma Administrative Code; is hereby deleted without substitution.*

(16) CHAPTER 8 REFERENCED STANDARDS [Amended]. *IFGC Chapter 8 is hereby amended to include the following substitution:*

[Substitute] *"IECC-15" with "IECC-06"*

Sec. 5-211. Adoption of the 2006 International Energy Conservation Code and the Appendix.

(Moves to Section 5-203)

(a) *The International Energy Conservation Code, 2006 edition, as published by the International Code Council, Inc., hereinafter referred to as "IECC" is hereby adopted as the Energy Code of the City of Norman for regulating energy efficient building envelopes and installation of energy efficient mechanical, lighting and power systems with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.*

(b) *The Energy Code shall not become effective until at least three (3) copies thereof, including modifications prescribed in this section, have been filed in the office of the City Clerk.*

(c) *The following sections of the IECC are hereby amended, added, deleted, or substituted as noted:*

(1) 101.1 Title [Amended]. *These regulations shall be known as the Energy Code of the City of Norman, hereinafter referred to as "this code."*

(2) CHAPTER 6 REFERENCED STANDARDS [Amended]. *IECC Chapter 6 is hereby amended to include the following substitutions:*

[Substitute] *"IBC-06" with "IBC-15"*

[Substitute] *"ICC EC-06 ICC Electrical Code®" with "NFPA® 70-14 National Electrical Code"*

[Substitute] *"IFC-06" with "IFC-15"*

[Substitute] *"IFGC-06" with "IFGC-15"*

[Substitute] *"IMC-06" with "IMC-15"*

[Substitute] *"IPC-06" with "IPC-15"*

[Substitute] "IRC-06" with "IRC-15"

Sec. 5-212. Adoption of the ~~2009 International Residential Code for One- and Two-Family Dwellings as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

(Moves to Section 5-208)

~~(a) Adoption includes ONLY the following Appendices:~~ Pursuant to 59 O.S. §1000.23, the International Residential Code For One- and Two-Family Dwellings, 2015 edition, including Appendix E and K, as published by the International Code Council, Inc., including modifications by the Oklahoma Uniform Building Code Commission as set forth in Title 748, Chapter 20, Subchapter 5 of the Oklahoma Administrative Code; more specifically Sections 3, 5.1, 6, 7, 8, 9, 10, 11, 11.1, 11.2, 12, 13, 13.1, 13.2, 14, 15, 16, 17, 19, 20, 22, 22.1, and 24, effective September 15, 2017; hereinafter referred to as "IRC," is hereby adopted as the Residential Code of the City of Norman for regulating construction, alteration, movement, enlargement, replacement, repair, equipment, location, removal, and demolition; of detached one- and two-family dwellings, townhouses, manufactured homes, or accessory structures; not more than three stories in height with separate means of egress with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.

In addition, any construction, alteration, repair, or installation of automatic fire systems in one- and two-family dwellings that complies with Appendix V created in Title 748, Chapter 20, Subchapter 5, Section 25 of the Oklahoma Administrative Code shall be permitted; however, compliance with Appendix V is not mandatory.

Any permanent certificate for energy efficiency in one- and two-family dwellings that complies with Appendix W created in Title 748, Chapter 20, Subchapter 5, Section 26 of the Oklahoma Administrative Code shall be permitted; however, compliance with Appendix W is not mandatory.

Any construction, alteration, repair, or installation of swimming pools, spas or hot tubs that complies with Appendix X created in Title 748, Chapter 20, Subchapter 5, Section 27 of the Oklahoma Administrative Code shall be permitted; however, compliance with Appendix X is not mandatory.

Any new construction with enhanced tornado provision in one- and two-family dwellings that complies with Appendix Y created in Title 748, Chapter 20, Subchapter 5, Section 28 of the Oklahoma Administrative Code shall be permitted; however, compliance with Appendix Y is not mandatory.

- ~~(1) Appendix E regarding Manufactured Housing used as Dwellings;~~
- ~~(2) Appendix G regarding Swimming Pools, Spas and Hot Tubs; and~~
- ~~(3) Appendix K regarding Sound Transmission.~~

(b) The Residential Code shall not become effective until at least three (3) copies, including modifications prescribed in this section, have been filed in the office of the City Clerk.

(b)(c) Amend, delete or substitute within the following sections as indicated: The following sections of the IRC are hereby amended, added, deleted, or substituted as noted:

(1) **R101.1 Title [Amended].** These regulations shall be known as the *Residential Code for One- and Two-family Dwellings* of the City of Norman, hereinafter referred to as "this code."

- ~~(1) Delete the preamble referenced in Title 748:20-5-5 from the 2009 International Residential Code for One- and Two-Family Dwellings as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23. *(The preamble is deleted by the new method of adoption)*~~
- ~~(2) Chapter 1, Section R102.7 Existing Structures Delete "International Fire Code" and all subsequent references and replace with "1997-1 NFPA Fire Prevention Code"; *(Moved to item (3) below)*~~

~~(2) **R102.5 Appendices [Amended].** The provisions in appendices E and K are hereby adopted and are considered a part of this code. All other appendices are not adopted and shall not apply.~~

~~(3) **R102.7 Existing structures [Amended].** The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *International Property Maintenance Code*, the *International Fire Code* or *NFPA 1*, or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public.~~

~~(4) **SECTION R103 DEVELOPMENT SERVICES DIVISION [Substitute]**~~

~~(3)(5) Chapter 1, Section R103 DEPARTMENT OF BUILDING SAFETY and Section R103.1 Creation of enforcement agency—Replace "Department of Building Safety" with "Development Services Division";~~

~~**R103.1 Creation of enforcement agency [Amended].** The Development Services Division is hereby created and the official in charge thereof shall be known as the *building official*.~~

~~(4)(6) Chapter 1, Section R104.10.1 Areas prone to flooding—Delete "granting of a variance to such provisions by the board of appeals" and replace with "prior issuance of a Flood Plain Permit by the City of Norman Flood Plain Committee.";~~

~~**R104.10.1 Flood hazard areas [Amended].** The *building official* shall not grant modifications to any provisions required in flood hazard areas as established by Table R301.2(1) without the prior issuance of a Flood Plain Permit by the City of Norman Flood Plain Committee.~~

~~(5)(7) Chapter 1, Section R105.2 Building: 1—Replace "200 square feet" with "108 square feet" and delete reference to meters;~~

~~**R105.2 Work exempt from permit [Amended].** Exemption 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 following: the floor area is not greater than 108 square feet (10.03 M²); such building is not constructed on or attached to a concrete slab, foundation, or permanent base; and such building has no electric, plumbing or gas service connection.~~

~~2. Fences not over 8 feet (2438 mm) high.~~

~~3. Retaining walls shall be permitted and built per the City of Norman Engineering Standards, as amended.~~

~~4. Water tanks supported directly on *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.~~

~~5. **[Deleted]** This item is hereby deleted without substitution.~~

~~*{The remainder of the section shall remain unchanged.}*~~

~~(6) Chapter 1, Section R105.2 Building: 2—Replace "6 feet high" with "8 feet high.";*(Moved to Item (5) above)*~~

~~(7) Chapter 1, Section R105.2 Building: 3—Delete retaining wall sentence and replace with "Retaining walls shall be permitted and built per the City of Norman Engineering Standards, as amended.";*(Moved to Item (5) above)*~~

~~(8) Chapter 1, Section R105.2 Building 5—Delete this section, Sidewalks and driveways.*(Moved to Item (5) above)*~~

~~(9)(8)~~ Chapter 1, Section R105.3.1.1—Substantially improved or Substantially damaged existing buildings in areas prone to flooding—Delete reference to "Table R301.2(1)" and replace with "the City of Norman adopted flood hazard maps" and delete the reference to the "board of appeals" and replace with "the City of Norman Flood Plain Committee";

R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas [Deleted]. IRC Section R105.3.1.1 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

~~(10)(9)~~ Chapter 1, Section R105.7 Placement of permit—Add at the beginning of sentence "

R105.7 Placement of permit [Amended]. For additions and alterations only, the building permit or a copy shall be kept on the site of the work until the completion of the project.

~~(11)~~ Chapter 1, add new R106.2.1 Landscape Requirements for One- and Two- Family Dwellings

~~(a)~~ As of May 12, 2008, within all urban residential plats, when a building permit for a new residence is issued, at least one tree must be planted on each lot designated for single-family or two-family use before a Certificate of Occupancy is issued.

~~(b)~~ For lots larger than 10,000 square feet, two trees are required. One tree must be planted within the designated planting location and the other tree may be placed at any location on the lot. (Refer to Exhibits A—Traditional Utility Layout or B—Optional Utility Layout.) In no case will more than two trees be required.

~~(c)~~ Corner lots require one tree per street frontage in accordance with the sight triangle specifications (refer to Exhibit C—Tree Location for Typical Corner Lot). If all of either street frontage is eliminated by the site triangle restrictions, the tree for that frontage may be placed at any location on the lot.

~~(d)~~ Trees must be selected from a list approved by the City Forester (Refer to Exhibit D—City of Norman Approved Street Tree List) and be at least 2" caliper (diameter measured 6" above ground level). Species identification tags shall remain on the tree(s). As indicated in (b) above, there are two utility layouts that may be utilized to design a subdivision. It is the developer's option to choose either alternative. In subdivisions where utilities are designed in accordance with Exhibit A (no trees between sidewalk and street), the tree must be planted in the front yard of the lot within five feet of the sidewalk. In subdivisions where utilities are designed in accordance with Exhibit B (allows for trees between sidewalk and street), the preferred location for tree planting is midway between the curb and sidewalk. Said Exhibits are incorporated herein and made a part hereof and are on file in the office of the City Clerk.

~~(e)~~ If planting conditions or weather would adversely affect the health of the tree(s), a paid receipt from the installer indicating the type of tree(s) purchased and projected planting date shall be provided to the City of Norman and a permanent Certificate of Occupancy can be issued.

~~(f)~~ Trees that are planted within the right-of-way or front yard can be replaced if dead or diseased by the Property Owners/Homeowners Association if appropriate covenants have been enacted that grant maintenance responsibility to the association. Otherwise the trees are the responsibility of the property owner. Dead or diseased trees in poor condition should be replaced by the property owner.

(This section is being moved from Chapter 1 to Chapter 3 in the IRC where other building requirements are located.)

(10) R106.1.4 Information for construction in flood hazard areas [Deleted]. IRC Section R106.1.4 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

~~(12)(11)~~ Chapter 1, Section R106.5 Retention of construction documents—Replace "construction documents" with "

R106.5 Retention of construction documents [Amended]. The floor and site plan shall be retained by the *building official* for a period of not less than 180 days from date of completion of the permitted work, or as required by state or local laws.

~~(12)~~ **R109.1.3 Floodplain inspections [Deleted].** IRC Section R109.1.3 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

~~(13)~~ ~~(13) Chapter 1, Section R109.1.4 Frame and masonry inspection—Delete "masonry" in title and text;~~

R109.1.4 Frame inspection [Amended]. Inspection of framing construction shall be made after the roof, framing, firestopping, draftstopping and bracing are in place and after the plumbing, mechanical and electrical rough inspections are *approved*.

~~(14)~~ ~~(14) Chapter 1—Add new "R109.1.5.2 Insulation inspection"~~

R109.1.5.2 Insulation inspection [Added]. Insulation inspections shall be made after the framing, mechanical, electrical, and plumbing rough-in inspections are *approved* but prior to installing and before the installation of wallboard materials. Wallboard materials include, but are not limited to lath, plaster, gypsum wallboard, wood paneling, sheet metal and the like.

~~(15)~~ **R109.1.6.1 Elevation documentation [Amended].** If located in a flood hazard area, the documentation of elevations required in Section 22-429.1 of the Code of the City of Norman shall be submitted to the Flood Plain Administrator prior to the final inspection.

~~(15)~~ ~~(16) Chapter 1, Section R109.3 Inspection requests—Add "safe" in front of "access"~~

R109.3 Inspection requests [Amended]. It shall be the duty of the *permit* holder or their agent to notify the *building official* that such work is ready for inspection. It shall be the duty of the person requesting any inspections required by this code to provide safe access to and means for inspection of such work.

~~(16)~~ ~~(17) Chapter 1, Section R110.1 Use and occupancy—Delete Exception 2. "Accessory buildings and structures.";~~

R110.1 Use and occupancy [Amended]. A building or structure shall not be used or occupied, and a change in the existing use or 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*. Certificates presuming to give authority to violate or cancel the provisions of this code or other ordinances of the *jurisdiction* shall not be valid.

Exception: Certificates of occupancy are not required for work exempt from permits under Section R105.2.

~~(17)~~ ~~(18) Chapter 1, Section R112 Board of Appeals—Delete Sections R112.2.1 and R112.2.2;~~
SECTION R112 BOARD OF APPEALS [Deleted]. IRC Section R112 is hereby deleted in favor of the provisions of Section 4-1601 of the Code of the City of Norman.

~~(18)~~ ~~(19) CHAPTER 2 DEFINITIONS [Amended], Section R202 IRC Section R202 is adopted as published, provided that the following definition is hereby amended to read as follows: "Fire Separation Distance" add—"Permanent "No-Build" easements, which identify an area relative to adjoining property lines and are filed as permanent easements with the Cleveland County Clerk, may be considered when determining the fire separation distance.";~~

FIRE SEPARATION DISTANCE [Amended]. The distance measured from the building face to one of the following:

1. To the closest interior lot line.
2. To the centerline of a street, an alley or public way.
3. To an imaginary line between two buildings on the lot.

4. To the limits of an easement on an adjacent property which restricts construction within said easement and has been recorded and filed with the Cleveland County Clerk, if approved by the building official.

The distance shall be measured at a right angle from the face of the wall.

(19)(20) Chapter 3, BUILDING PLANNING, Table R301.2(1) fill in blanks for Norman as "Ground Snow Load 10, Wind Speed 90 miles per hour, Topographic effects No, Seismic Design Category C, Weathering moderate, Frost Depth 12 inches, Termite moderate to heavy, Winter Design Temperature 13 degrees Fahrenheit, Ice barrier underlayment required No, Flood Hazard see FIRM maps, Air freezing Index 300, Mean Annual Temperature 61.3 degrees Fahrenheit", Add after footnote k "1. Bottom of footing to be at 18" below grade." place "1" after Frost Line depth in the table;

TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA [Amended]

<u>Ground snow load</u>	<u>Wind Design</u>				<u>Seismic design category^f</u>	<u>Flood hazards^g</u>
	<u>Speed^d (mph)</u>	<u>Topographic effects^k</u>	<u>Special wind region^l</u>	<u>Wind-borne debris zone^m</u>		
<u>10 lbs/ft²</u>	<u>115</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>	<u>C</u>	<u>Section 22-429.1(3)a Code of the City of Norman</u>

<u>Subject to damage from</u>			<u>Winter design temp^e</u>	<u>Ice barrier underlayment required^h</u>	<u>Air freezing indexⁱ</u>	<u>Mean annual temp^j</u>
<u>Weathering^a</u>	<u>Frost line depth^b</u>	<u>Termite^c</u>				
<u>Moderate</u>	<u>18"</u>	<u>Moderate to heavy</u>	<u>13^o F</u>	<u>NO</u>	<u>300</u>	<u>61.3^o F</u>

{The footnotes shall remain unchanged.}

(20)(21) Chapter 3, Section R301 Design Criteria, Table R301.5 Footnote b. After "the plane of the truss." Add "

TABLE R301.5 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS [Amended]

{The table shall remain unchanged.}

Footnotes:

- a. Elevated garage floors shall be capable of supporting a 2,000-pound load applied over a 20-square-inch area.
- b. **[Amended]** Uninhabitable attics without storage are those where the clear height between joists and rafters is not more than 42 inches, or where there are not two or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches in height by 24 inches in width, or greater, within the plane of the trusses, or the space is more than 10 feet from the point of entry to the attic space and no provision for attic storage is installed. This live load need not be assumed to act concurrently with any other live load requirements.

{The remainder of the footnotes shall remain unchanged.}

(21) Chapter 3, Section R302 Fire-Resistant Construction, Replace Table R302.1 with the following Amended R302.1 Table. *(This amendment is in the 2015 adoption of IRC by OUBCC.)*

"AMENDED TABLE R302.1 EXTERIOR WALLS"

EXTERIOR WALL ELEMENT		MINIMUM FIRE RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
Walls	(Fire-resistance rated)	1 hour with exposure from both sides	0 feet
	(Not fire-resistance rated)	0 hours	>3 feet
Projections	(Fire-resistance rated)	1 hour on the underside	0 feet
	(Not fire-resistance rated)	0 hours	>3 feet
Openings	Not allowed	N/A	<3 feet
	Unlimited	0 hours	>3 feet
Penetration	ALL	Comply with Section R302.4	<3 feet
		None Required	>3 feet

(22)(22) Chapter 3, Section R302 Exterior Wall Location, R302.1 "Exceptions" add "Exception

R302.1 Exterior walls [Amended]. Construction, projections, openings and penetrations of exterior walls of dwellings and accessory buildings shall comply with Table R302.1(1); or dwellings equipped throughout with an automatic sprinkler system installed in accordance with Section P2904 shall comply with Table R302.1(2).

Exceptions:

1. Walls, projections, openings or penetrations in walls perpendicular to the line used to determine the fire separation distance.
2. Walls of dwellings and accessory structures located on the same lot.
3. Detached tool sheds and storage sheds, playhouses and similar structures exempted from permits are not required to provide wall protection based on location on the lot. Projections beyond the exterior wall shall not extend over the lot line.
4. Detached garages accessory to a dwelling located within 2 feet (610 mm) of a lot line are permitted to have roof eave projections not exceeding 4 inches (102 mm).
5. Foundation vents installed in compliance with this code are permitted.

6. Open metal carport structures may be constructed within zero (0) feet of the property line without fire-resistive or opening protection when the location of such is approved as required by other adopted codes.

~~(23)~~**(23) Chapter 3, Section R303.3 Bathrooms**—Add at end of paragraph, "

R303.3 Bathrooms [Amended]. Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet (0.3m²), one-half of which must be openable. Separate window or artificial light and mechanical ventilation system provided through exception shall be required for enclosed/segregated toilet, bath or shower spaces.

~~ALSO, at end of Exception, add "~~**Exception: The glazed areas shall not be required where artificial light and a local exhaust system are provided. The minimum local exhaust rates shall be determined in accordance with Section M1507. Exhaust air from the space shall be exhausted directly to the outdoors and may not terminate in an attic space.**~~—Attic spaces are not considered outside for purposes of ventilation.~~

(24) R304.1 Minimum area [Amended]. Every dwelling unit shall have at least one habitable room that shall have not less than 120 square feet (11 m²) of gross floor area.

(25) R304.1.1 Other rooms [Added]. Other habitable rooms shall have a floor area of not less than 70 square feet (6.5 m²).

Exception: Kitchens.

(26) R309.3 Flood hazard areas [Amended]. For buildings located in flood hazard areas as established by Table R301.2(1), garage floors shall be determined in accordance with Section 22-429.1 of the Code of the City of Norman.

~~(24)~~**(27) Chapter 3, Section R311.7.4.3** Delete entire Section and replace with the following. "Open risers. Open risers are permitted, provided that the opening between treads does not permit the passage of a 4-inch diameter sphere. Exception: The opening between adjacent treads is not limited on stairs with a total rise of 30 inches or less.

R311.7.5.3 Nosings [Amended]. Nosings shall have a curvature or bevel of not less than 1/16 inch (1.6 mm) but not more than 9/16 inch (14.3 mm) from the foremost projection of the tread. Nosings shall project not more than 1 ¼ inches (32 mm) beyond the tread below. The greatest nosing projection shall not exceed the smallest nosing projection by more than 3/8 inch (9.5 mm) between two stories, including the nosing at the level of floors and landings. Beveling of nosings shall not exceed ½ inch (12.7 mm).

~~(25) Chapter 3, Section R314.3.1 Alterations, repairs and additions. Exception 2. Installation, alteration or repairs of plumbing or mechanical systems are exempt from the requirements of this section. Add the word "electrical" after "repairs of." (This amendment is in the 2015 adoption of IRC by OUBCC.)~~

(28) R322.1 General [Amended]. Buildings and structures constructed in whole or in part in flood hazard areas, as established in Table R301.2(1), and substantial improvement and restoration of substantial damage of buildings and structures in flood hazard areas, shall be designed and constructed in accordance with the provisions contained in this section and Section 22-429.1 of the Code of the City of Norman.

(29) R322.1.1 Alternative provisions [Deleted]. IRC Section R322.1.1 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

(30) R322.1.4 Establishing the design flood elevation [Amended]. The design flood elevation shall be determined as prescribed in Section 22-429.1 of the Code of the City of Norman.

(31) R322.1.4.1 Determination of design flood elevations [Deleted]. IRC Section R322.1.4.1 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.

- (32) **R322.1.4.2 Determination of impacts [Deleted].** IRC Section R322.1.4.2 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (33) **R322.1.5 Lowest floor [Amended].** The lowest floor shall be the lowest floor of the lowest enclosed area, including *basement*, or as determined in Section 22-429.1 of the Code of the City of Norman.
- (34) **R322.1.6 Protection of mechanical, plumbing and electrical systems [Amended].** Electrical systems, *equipment* and components; heating, ventilating, air conditioning; plumbing *appliances* and plumbing fixtures; *duct systems*; and other service *equipment* shall be located at or above the elevation required in Section R322.2.
- Exception:** Locating electrical systems, *equipment* and components; heating, ventilating, air conditioning; plumbing *appliances* and plumbing fixtures; *duct systems*; and other service *equipment* is permitted below the elevation required in Section R322.2 with the issuance of a Flood Plain Permit by the City of Norman Flood Plain Committee.
- (35) **R322.1.7 Protection of water supply and sanitary sewage systems [Deleted].** IRC Section R322.1.7 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (36) **R322.1.9 Manufactured homes [Deleted].** IRC Section R322.1.9 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (37) **R322.1.10 As-built elevation documentation [Deleted].** IRC Section R322.1.10 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (38) **R322.2 Flood hazard areas (including A Zones) [Amended].** Areas that have been determined to be prone to flooding shall be designated as flood hazard areas as shown on the City of Norman Special Flood Hazard Area Map. Buildings and structures constructed in whole or in part in flood hazard areas shall be designed and constructed in accordance with Sections R322.2.1, R322.2.3, and Section 22-429.1 of the Code of the City of Norman.
- (39) **R322.2.1 Elevation requirements [Amended].** Buildings and structures in flood hazard areas shall have the lowest floors elevated as prescribed in Section 22-429.1 of the Code of the City of Norman.
- (40) **R322.2.2 Enclosed area below design flood elevation [Deleted].** IRC Section R322.2.2 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (41) **R322.2.2.1 Installation of openings [Deleted].** IRC Section R322.2.2.1 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (42) **R322.2.4 Tanks [Deleted].** IRC Section R322.2.4 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (43) **Sections R322.3 through R322.3.7 [Deleted].** IRC Sections R322.3 through R322.3.7 are hereby deleted without substitution.
- (44) **SECTION R327 LANDSCAPE REQUIREMENTS [Added]**
- (45) **R327.1 Tree requirements [Added].** As of May 12, 2008, within all urban residential plats, when a building permit for a new residence is issued, the following shall apply:
1. At least one tree must be planted for each lot designated for single-family or two-family use before a Certificate of Occupancy for the building permit is issued. In no case will more than two trees be required per lot.
 2. For lots larger than 10,000 square feet, two trees must be planted for the lot.
 3. For corner lots, one tree must be planted per street frontage.
 4. Trees should be planted adjacent to street frontage and shall not be planted in utility easements or the intersection sight triangle as defined in Section 4005.2 of the City of

Norman Engineering Design Criteria and Drawing No. ST-36 of the City of Norman Standard Specifications and Construction Drawings.

5. Trees must be selected from the plant list in Section B of Appendix F of the Zoning Ordinance for the City of Norman and be at least 2" caliper (diameter measured 6" above ground level). Species identification tags shall remain on the tree(s) until the Certificate of Occupancy for the building permit is issued.
6. If planting conditions or weather would adversely affect the health of the tree(s), a paid receipt from the installer indicating the type of tree(s) purchased and projected planting date shall be provided to the City of Norman and a Certificate of Occupancy for the building permit can be issued.
7. Dead or diseased trees in poor condition should be replaced. Tree maintenance is the responsibility of the property owner. Or, when trees are located in the right-of-way, maintenance is the responsibility of the property owner which abuts the right-of-way or the Homeowners/Property Owners Association granted maintenance responsibility by the appropriate covenants which are filed of record in the office of the County Clerk of Cleveland County, Oklahoma.

(This section is being moved from Chapter 1 to Chapter 3 in the IRC where other building requirements are located.)

~~(26)(46) Chapter 4, Section R403 Footings, Section R403.1 General—Add "~~

R403.1 General [Amended]. All exterior walls shall be supported on continuous solid or fully grouted masonry or concrete footings, crushed stone footings, wood foundations, or other approved structural systems which shall be of sufficient design to accommodate all loads according to Section R301 and to transmit the resulting loads to the soil within the limitations as determined from the character of the soil. Footings shall be supported on undisturbed natural soils or engineered fill. Concrete footing shall be designed and constructed in accordance with the provisions of Section R403 or in accordance with ACI 332.

Exception: Temporary buildings and unoccupied buildings not exceeding one story in height and 400 square feet (37.16 m^2) in area shall be exempt from these the requirements of this section.

(This amendment is less stringent than the codes adopted by OUBCC, however, this is similar to an amendment by OUBCC to the IBC)

~~(27) Chapter 4, Section R403 Footings Amend Figure R403.1(1) to require a minimum of 2, #4 steel bars in all footings; (This amendment is in the 2015 adoption of IRC by OUBCC)~~

~~(28) Chapter 4, Section R404 FOUNDATION AND RETAINING WALLS, Section R404.1.2.2 Add at end of section " In all cases concrete and masonry foundation walls or slabs, if placed directly to the footing, are to be attached to its footing with a minimum #3 vertical steel bar imbedded a minimum 12" into both the footing and the foundation wall and placed 6'-0" o.c. and at every corner. (This amendment is in the 2015 adoption of IRC by OUBCC.)~~

~~(29)(47) Chapter 4, Section R404 FOUNDATION AND RETAINING WALLS, Section R404.4 Delete Entire Section;~~

R404.4 Retaining walls [Deleted]. IRC Section R404.4 is hereby deleted without substitution.

~~(48) **R408.7 Flood resistance [Amended].** IRC Section R408.7 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.~~

~~(30) Chapter 6 Wall Construction, Table R602.3.1, Delete text in footnote b. and Replace with "Studs to be laterally braced by a minimum ceiling joists, floor joists, or a ledger or beam holding ceiling or floor members." (This table no longer exists in the code.)~~

~~(31) Chapter 13 GENERAL MECHANICAL SYSTEM REQUIREMENTS, Section M1305 APPLIANCE ACCESS, M1305.1 Appliance access for inspection service, repair and replacement—After "30 inches deep and 30 inches wide" add "and at least the height of the front of the appliance";~~ *(This is less stringent than the codes adopted by OUBCC.)*

~~(32) Chapter 13 General Mechanical System Requirements, Section M1305 Appliance Access, M1305.1.3 Appliances in attics Exception 2 delete "the passageway shall be not more than 50 feet (1520 mm) in length." And replace with " where not more than 20 feet length of the passageway is a minimum 30 inches high and 22 inches wide, the entire passageway shall be not greater than 50 feet in length.~~

~~(33)~~ **(49)** Chapter 15, Section M1502 CLOTHES DRYER EXHAUST, M1502.4.1 add "

M1502.4.1 Material and size [Amended]. Exhaust ducts shall have a smooth interior finish and be constructed of metal having a minimum thickness of 0.0157 inches (0.3950 mm) (No. 28 gage). The duct shall be 4 inches (102 mm) nominal in diameter.

Exception: Schedule 40 PVC pipe may be used if the installation complies with all of the following:

i. **1.** The duct shall be installed under a concrete slab poured on grade and arranged to drain to the building exterior.

ii. **2.** The underfloor trench in which the duct is installed shall be completely backfilled with sand or gravel.

iii. **3.** The PVC duct shall extend not greater than 1 inch above the indoor concrete floor surface.

iv. **4.** The PVC duct shall extend not greater than **than** 1 inch above grade outside of the building.

v. **5.** The PVC ducts shall be solvent cemented.

(50) G2404.7 (301.11) Flood hazard [Amended]. For structures located in flood hazard areas, the appliance, equipment and system installations regulated by this code shall be located at or above the elevation required by Section R322 for utilities and attendant equipment.

Exception: The appliance, equipment and system installations regulated by this code may be located below the elevation required in Section R322 with the issuance of a Flood Plain Permit by the City of Norman Flood Plain Committee.

~~(34)~~ **(51)** Chapter 24, Fuel Gas, Section G2408 INSTALLATION, Section G2408.2 Elevation of ignition source. After "above the floor" Add "

G2408.2 (305.3) Elevation of ignition source [Amended]. Equipment and appliances having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor surface on which the equipment or appliance rest in hazardous locations and public garages, private garages, repair garages, motor fuel-dispensing facilities and parking garages. For the purpose of this section, rooms or spaces that are not part of the living space of a dwelling unit and that communicate directly with a private garage through openings shall be considered to be part of the private garage.

Exception: Elevation of the ignition source is not required for appliances that are listed as flammable-vapor-ignition resistant.

~~(35) Chapter 24, Fuel Gas, Section G2415 PIPING SYSTEM INSTALLATION, Section G2415.10 Minimal burial depth—Replace "12 inches" with "18 inches";~~ *(This amendment is in the 2015 adoption of IRC by OUBCC)*

~~(36)~~ **(52)** Chapter 25 Plumbing Administration, Section P2503 Inspection and Tests, Section P2503.4 Building sewer testing—Delete "When required by local authority having jurisdiction," and Replace "public sewer" with "location of

P2503.4 Building sewer testing [Amended]. The *building sewer* shall be tested by insertion of a test plug at the point of connection with the building clean out, filling the *building sewer* with water and pressurizing the sewer to not less than 5 foot (1524 mm) head of water. The test pressure shall not decrease during a period of not less than 15 minutes. The *building sewer* shall be water tight at all points.

A forced sewer test shall consist of pressuring the piping to a pressure of not less than 5 psi (34.5 kPa) greater than the pump rating and maintaining such pressure for not less than 15 minutes. The forced sewer shall be water tight at all points.

~~(37) Chapter 27 PLUMBING FIXTURES, Section P2713 BATHTUBS, delete Section P2713.3 Bathtub and whirlpool bathtub valves; (This is less stringent than the codes adopted by OUBCC.)~~

~~(38)(53) Chapter 28 WATER HEATERS, Section P2803.6.1 Item 5. Replace text in Item 5 with "~~

P2804.6.1 Requirements for discharge pipe [Amended]. The discharge piping serving a pressure-relief valve, temperature-relief valve or combination valve shall:

1. Not be directly connected to the drainage system.
2. Discharge through an air gap located in the same room as the water heater.
3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap.
4. Serve a single relief device and shall not connect to piping serving any other relief device or equipment.
5. Discharge to an approved waste receptor or to the outdoors.

{The remainder of the items shall remain unchanged.}

~~(39)(54) Chapter 34, Electrical General Requirements, Section E3406 Electrical Conductors and Connections, Section E3406.2 Conductor material—Add at end of paragraph "~~

E3406.2 Conductor material [Amended]. Conductors normally used to carry current shall be of copper unless otherwise provided in Chapters 34 through 43. Where the conductor material is not specified, the material and the sizes given in these chapters shall apply to copper conductors. Where other materials are used, the size shall be changed accordingly. The use of aluminum conductors shall be prohibited except for exterior uses and for underground service feeder for manufactured homes. [110.5]

~~(40)(55) Chapter 36 Services, Section E3601 General Services, Section E3601.6.2 Service disconnect location—Add at the end of paragraph "~~

E3601.6.2 Service disconnect location [Amended]. The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure or inside nearest the point of entrance of the service conductors. Service disconnecting means shall not be installed in bathrooms. Each occupant shall have access to the disconnect serving the dwelling unit in which they reside. The distance from the point of entrance of a building or structure to the service disconnecting equipment enclosure shall not exceed 24 inches measured horizontally or 60 inches measured vertically. [230.70(A)(1), 230.72(C)]

~~(41)(56) Chapter 37, BRANCH CIRCUIT AND FEEDER REQUIREMENTS, Section E3702 BRANCH CIRCUIT RATINGS, Section E3702.3 Fifteen and 20 ampere branch circuits—Add at the end of the paragraph "~~*Dwelling unit* receptacle outlets installed in accordance with E3901.1 and lighting outlets installed in accordance with E3903.1 shall be limited to a maximum of 14 for 20-ampere and a maximum of 10 for 15-ampere branch circuits.

E3702.3 Fifteen- and 20-ampere branch circuits [Amended]. A 15- or 20-ampere branch circuit shall be permitted to supply lighting units, or other utilization equipment, or a combination of both. The rating of any one cord-and-plug-connected utilization equipment not fastened in place shall not exceed 80 percent of the branch-circuit ampere rating. The

total rating of utilization equipment fastened in place, other than luminaires, shall not exceed 50 percent of the branch-circuit ampere rating where lighting units, cord-and-plug-connected utilization equipment not fastened in place, or both, are also supplied. 20-ampere general – purpose branch circuits shall supply a maximum of 10 outlets. 15-ampere general-purpose branch circuits shall supply a maximum of 8 outlets. Kitchen receptacle outlets installed in accordance with E3901.3.2 and E3901.4 shall not exceed 5. [210.23(A)(1), (2) and (3)]

~~(42) Chapter 39 Section E3902 Ground-Fault and Arc-Fault Circuit-Interrupter Protection, Section E3902.3 Outdoor receptacles – expand exception provided in Section E4101.7 by adding "as well as, exterior receptacles for outside holiday lighting so long as the minimum height above adjoining ground area is 7 feet."; *(This is less stringent than the codes adopted by OUBCC.)*~~

~~(43) Chapter 39, Section E3902 GROUND-FAULT AND ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION, Section E3902.7 Laundry, utility, and bar sink receptacles. Add "Exception: A single receptacle or duplex receptacle 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."; *(This is less stringent than the codes adopted by OUBCC.)*~~

~~(44)(57) Chapter 39 Section E3907 CABINETS AND PANELBOARDS, Add Section 3907.9~~

E3907.10 Mounting height [Added]. Enclosures for switches or overcurrent devices shall be installed so the bottom of the enclosure is not less than 600 mm (2 feet) above finish grade or working platform unless specifically listed or approved for an alternate mounting height. [312.5]

~~(45)(58) Chapter 42 SWIMMING POOLS, Section 4206 EQUIPMENT INSTALLATION, Section 4206.5.1 Servicing. After "other maintenance" Add "~~

E4206.5.1 Servicing [Amended]. All wet-niche luminaires shall be removable from the water for inspection, relamping, or other maintenance; unless otherwise approved, the maximum distance from the deck surface to the bottom of the luminaire face shall not exceed 24 inches (610 mm). The forming shell location and length of cord in the forming shell shall permit personnel to place the removed luminaire on the deck or other dry location for such maintenance. The luminaire maintenance location shall be accessible without entering or going into the pool water. [680.23(B)(6)]

~~(46) Appendix G Section AG105 BARRIER REQUIREMENTS, Replace the text in Section AG105.2 Outdoor swimming pool –4. with "Where the barrier is composed of horizontal and vertical members and the distance between the tops of the two lowest horizontal members is less than 45 inches (1143 mm), then spacing between vertical members shall not exceed 1¾ inches (44 mm) in width, and any horizontal members shall have a nominal depth of no more than 1¾ inches (44mm) so as not to create a foothold. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1¾ inches (44 mm) in width.*(Appendix G no longer exists in the IRC.)*~~

(59) CHAPTER 44 REFERENCED STANDARDS [Amended]. IRC Chapter 44 is hereby amended to include the following additions:

FEMA

[Added] "FEMA P320-14 Taking Shelter from the Storm: Building a Safe Room for Your Home or Small Business R323.1, R323.2, R323."

[Added] "FEMA P361-14 Safe Rooms for Tornadoes and Hurricanes: Guidance for Community and Residential Safe Rooms R323.1, R323.2, R323."

(60) CHAPTER 44 REFERENCED STANDARDS [Amended]. IRC Chapter 44 is hereby amended to include the following substitution:

[Substitute] "IECC-15" with "IECC-09"

[Substitute] "NFPA 13-13 with "NFPA 13-16"

[Substitute] "NFPA 13D-13 with "NFPA 13D-16"

[Substitute] "NFPA 13R-13 with "NFPA 13R-16"

[Substitute] "NFPA 72-13 with "NFPA 72-16"

Sec. 5-213. Adoption of the ~~2009 International Existing Building Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

(Moves to Section 5-202)

(a) ~~Amend, delete or substitute within the following sections as indicated:~~

- (1) ~~Delete the Preamble referenced in Title 748:20-7-6 from the International Existing Building Code as amended and adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23. *(The preamble is deleted by the new method of adoption)*~~

(a) Pursuant to 59 O.S. §1000.23, the International Existing Building Code, 2015 edition, as published by the International Code Council, Inc., including modifications by the Oklahoma Uniform Building Code Commission as set forth in Title 748, Chapter 20, Subchapter 7 of the Oklahoma Administrative Code; more specifically Sections 8, effective September 15, 2017; hereinafter referred to as "IEBC," is hereby adopted as the Existing Building Code of the City of Norman for regulating repair, alteration, change of occupancy, addition, and relocation of all existing buildings and structures, including historic buildings, with the same force and effect as if fully set out in this section with amendments thereto as prescribed in this section.

(b) The Existing Building Code shall not become effective until at least three (3) copies, including modifications prescribed in this section, have been filed in the office of the City Clerk.

(c) The following sections of the IEBC are hereby amended, added, deleted, or substituted as noted:

- (1) **101.1 Title [Amended].** These regulations shall be known as the *Existing Building Code* of the City of Norman, hereinafter referred to as "this code."
- (2) **SECTION 103 DEVELOPMENT SERVICES DIVISION [Substitute]**
- (3) **103.1 Creation of enforcement agency [Amended].** The Development Services Division is hereby created and the official in charge thereof shall be known as the *code official*.
- (4) **104.2.1 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas [Deleted].** IEBC Section 104.2.1 is hereby deleted in favor of the provisions of Section 22-429.1 of the Code of the City of Norman.
- (5) **104.10.1 Flood hazard areas [Amended].** For *existing buildings* located in *flood hazard areas* for which *repairs, alterations and additions* constitute *substantial improvement*, the *code official* shall not grant modifications to any provisions required in flood hazard areas as established by Section 1612.3 of the *International Building Code* or Section R322 of the *International Residential Code* without the prior issuance of a Flood Plain Permit by the City of Norman Flood Plain Committee
- (6) **105.1.1 Annual permit [Deleted].** IEBC Section 105.1.1 is hereby deleted without substitution.
- (7) **105.1.2 Annual permit records [Deleted].** IEBC Section 105.1.2 is hereby deleted without substitution.
- (8) **109.3.3 Lowest floor elevation [Amended].** For *additions and substantial improvements to existing buildings in flood hazard areas*, the documentation of elevations required in Section 22-429.1 of the Code of the City of Norman shall be submitted to the Flood Plain Administrator prior to the final inspection.
- (9) **SECTION 112 BOARD OF APPEALS [Deleted].** IEBC Section 112 is hereby deleted in favor of the provisions of Section 4-1601 of the Code of the City of Norman.
- (10) **CHAPTER 16 REFERENCED STANDARDS [Amended].** IEBC Chapter 16 Referenced Standards is hereby amended to include the following substitution:

[Substitute] "IECC-15" with "IECC-06"

[Substitute] "NFPA 13R-13 with "NFPA 13R-16"

[Substitute] "NFPA 72-13 with "NFPA 72-16"

~~Sec. 5-214. — Adoption of the 2009 International Fire Code as adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

~~(a) Amend, delete or substitute within the following sections as indicated:~~

- ~~(1) Delete the Preamble referenced in Title 748:20-3-6 from the International Fire Code as amended and adopted by the Oklahoma Uniform Building Code Commission pursuant to 59 O.S. § 1000.23.~~

(The adoption of the International Fire Code is moved to Chapter 9.)

§ 2. That Section 13-1402 of Article XIV. of Chapter 13 of the Code of the City of Norman, Oklahoma, be amended to read as follows:

Sec. 13-1402. Tie-downs, alterations and additions.

(a) Skirting of mobile homes is required and areas enclosed by such skirting shall be maintained so as not to provide a harborage for rodents, or create a fire hazard.

(b) A permit issued by the City shall be required before any construction on a mobile home space or any structural addition or alteration to the exterior of a mobile home takes place. No construction or addition or alteration to the exterior of a mobile home located in a mobile home park shall be permitted unless of the same type of construction or materials as the mobile home affected. No permit shall be required for the addition of steps, canopies, awnings or antennas.

(c) No structure other than a mobile home shall be permitted on a mobile home space, except a structure not exceeding one (1) story in height and three hundred fifty (350) square feet in area which structure;

(1) Is used as an accessory to a mobile home,

(2) The total coverage of buildings on such space does not exceed forty (40) percent including the mobile home and

(3) All such accessory buildings are located no closer than five (5) feet to any lot line.

(d) Mobile home tie downs, alterations and additions shall ~~be as required by Appendix E of the 2009 International~~ meet the provisions of the current Residential Code for One and Two Family Dwellings as amended and modified by the Uniform Building Code Commission pursuant to 59 O.S. § 1000.23 as adopted in Chapter 5 of this code.

* * * * *

§ 3. Severability. If any section, subsection, sentence, clause, phrase, or portion of this ordinance is, for any reason, held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portions of this ordinance.

ADOPTED this _____ day of _____, 2017.

NOT ADOPTED this _____ day of _____, 2017.

(Mayor)

(Mayor)

ATTEST:

(City Clerk)