

## **Article 2, Section 2. - INTERNATIONAL BUILDING CODE**

### **Sec. 2.2.010. - Adoption of the International Building Code.**

The International Building Code, as published by the International Codes Council, Inc., 2012 Edition is hereby adopted and incorporated herein by reference, subject to such amendments thereto as are set forth hereinafter.

### **Sec. 2.2.020. - Section 101.4.1 amended.**

Section 101.4.1 of the International Building Code, is amended to read as follows:

*101.4.1 Electrical & Gas.* The provisions of Article 4 of the Unified Building and Trade Code shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto. The provisions of Article 3 of the Unified Building and Trade Code shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories. These requirements apply to gas piping systems extending from point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories.

### **Sec. 2.2.030. - Section 101.4.2 amended (formerly) is deleted.**

### **Sec. 2.2.040.-Section 101.4.2 amended.**

Section 101.4.2 of the International Building Code, is amended to read as follows:

*101.4.2 Mechanical.* The provisions of Article 5 of the Unified Building and Trade Code shall apply to the installation, alterations, repairs, and replacement of mechanical systems, equipment, appliances, fixtures, fittings and/or appurtenances, ventilation, heating, cooling, air conditioning and refrigeration systems, incinerators, and other energy-related systems.

### **Sec. 2.2.050. - Section 101.4.3 amended.**

Section 101.4.3 of the International Building Code, is amended to read as follows:

*101.4.3 Plumbing.* The provisions of Article 3 of the Unified Building and Trade Code shall apply to the installation, alterations, repairs and replacement of plumbing systems, equipment, appliances, fixtures and appurtenances, and where connected to water or sewage system and all aspects of a medical gas system.

### **Sec. 2.2.060. - Section 101.4.4 amended.**

Section 101.4.4 of the International Building Code, is amended to read as follows:

**This Section applies only within the city limits of the City of Wichita.**

*101.4.4 Property maintenance.* The provisions of Sections 18.40 and 20.04 of the Code of the City of Wichita shall apply to existing structures and premises; equipment and facilities; light, ventilation, space heating, sanitation, life and fire safety, hazards; responsibilities of owners, operators and occupants; and occupancy of existing premises and structures.

**In the Unincorporated areas of Sedgwick County, Section 101.4 of the International Building Code is deleted.**

**Sec. 2.2.070. - Section 101.4.5 amended.**

Section 101.4.5 of the International Building Code, is amended to read as follows:

*101.4.5 Fire prevention.* The provisions of Title 15 of the City Code of the City of Wichita or Section 12 of the Code of Sedgwick County shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from 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 and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

**Sec. 2.2.080. - Section 101.4.7 deleted (formerly) is amended to read as follows:**

**Sec. 2.2.080. - Section 101.4.6 deleted.**

Section 101.4.6 of the International Building Code, is deleted.

**Sec. 2.2.090. - Section 103.3 amended.**

Section 103.3 of the International Building Code, is amended to read as follows:

*103.3 Deputies.* In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the building official shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plans examiner(s) and other employees having powers as delegated by the building official.

**Sec. 2.2.100. - Section 105.1 amended.**

Section 105.1 of the International Building Code, is amended to read as follows:

*105.1 Required.* Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or outdoor paved area, which is regulated by this Code, or to cause any such work to be done, shall first make application to the building official and obtain the required permit.

**Sec. 2.2.110. - Section 105.1.1 deleted.**

Section 105.1.1 of the International Building Code, is deleted.

**Sec. 2.2.120. - Section 105.1.2 deleted.**

Section 105.1.2 of the International Building Code, is deleted.

**Sec. 2.2.130. - Section 105.2 amended.**

Section 105.2 of the International Building Code, is amended to read as follows:

*105.2 Work exempt from permit.* Exemptions from permit requirements of this Code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this Code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

**Building:**

- 1. (a) One-story accessory structures classified as Groups S or U occupancies provided the floor area does not exceed 200 square feet (18m2), and a location permit is obtained from MABCD prior to installation (City of Wichita only). In Sedgwick County jurisdiction no location permit is required and the floor area cannot exceed 400 square feet at which point a building permit would be required as long as site location is not located in designated flood plain area.

All detached accessory structures greater than 25 s.f. (2.3 m2) but equal to less than 400 s.f. (37.16 m2) square feet shall be tied down to the earth using anchoring methods described in the MABCD's "Non Vehicle Storage Structure Anchoring Standards". This requirement is exempted in Sedgwick County jurisdiction.

- (b). Playhouses or tree houses having single or multi-level floors with or without roofs
- 2. (a). Concrete or masonry fences not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall and other fences not over 8 feet (2438 mm) high, unless the fence encloses an outdoor seating area.
- (b). Concrete or masonry monument sign bases not over 4 feet (1219 mm) in height measured from the lowest point of the adjoining grade. The sign size and content requires separate approval and permit.
- 3. Oil derricks
- 4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids.
- 5. Water tanks supported directly upon 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.

6. Sidewalks and driveways not more than 30 inches (762 mm) above grade and not over any basement or story below.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finishes.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated swimming pools accessory to a Group R, Division 3 occupancy that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (19,000 L) and are installed entirely above ground.
10. Swings and other playground equipment.
11. Windows awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
12. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.
13. Interior platforms not over 200 square feet (18.58 m<sup>2</sup>) in area, nor more than 30 inches (762 mm) above the adjacent floor.
14. Exterior decks, curb ramps (maximum 6 inch (153 mm) vertical rise), stoops and porches not more than 30 inches (762 mm) above grade without overhead structures and not over any basement or story below.
15. Emergency board-up or securing of a building and installing temporary bracing after a fire, storm, vehicle damage or other disaster, which caused the building to be open or unsafe. The building owner or his/her agent may cause such work to be done provided the MABCD is notified on the following business day.
16. Repair or Replacement roofing and/or siding materials not exceeding 400 square feet (37.16 m<sup>2</sup>) within any 12-month period.
17. Repair or replacement of interior gypsum wallboard on non-fire rated walls or ceilings when the total area does not exceed 100 square feet (9.29 m<sup>2</sup>) within any 12-month period and provided that no framing, electrical, mechanical or plumbing changes are made.
18. Paved areas not used for the purpose of parking or storage of vehicles and/or equipment or storage.
19. Replacement of windows or doors or replacement of roof skylights or equipment with

the same size or smaller unit(s) that does not involve the removal, cutting, alteration or replacement of any building structural member; including but not limited to studs, headers, girders, beams, joists, rafters, cripples, jacks or other supportive framing member(s). The framing used to infill existing openings for the purpose of installing smaller unit(s) shall be exempt from permit requirements. Placement of smaller windows or doors shall not reduce the minimum size requirements of escape and rescue openings, or egress door(s), or fire department access required by this Code. The replacement door or window shall not be of a lower fire rating than the original assembly, unless a lower fire rating is allowed by this Code.

**Electrical:**

**Repairs and maintenance:** Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.

**Radio and television transmitting stations:** The provisions of this Code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.

**Temporary testing systems:** A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

**Gas:**

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

**Mechanical:**

1. Portable heating appliances.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this Code.
5. Replacement of any minor part that does not alter its approval or make it unsafe.
6. Portable evaporate cooler.
7. Self-contained refrigeration systems containing 10 pounds (5 kg) or less of refrigerant

or that are actuated by motors of 1 horsepower (746 W) or less.

**Plumbing:**

1. The stopping of leaks in drains, water, soil, waste or vent pipe provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this Code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

**Sec. 2.2.140. - Section 105.2.1 amended.**

Section 105.2.1 of the International Building Code, is amended to read follows:

*105.2.1 Emergency repairs.* Where repairs must be performed in an emergency situation, the permit application shall be submitted within the next working business day to the building official.

**Sec. 2.2.150. - Section 105.2.2 amended.**

Section 105.2.2 of the International Building Code, is amended to read as follows:

*105.2.2 Repairs.* Application or notice to the building official is not required for ordinary repairs to structures. Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements.

**Sec. 2.2.160. - Section 105.2.3 deleted.**

Section 105.2.3 of the International Building Code, is deleted.

**Sec. 2.2.170. - Section 105.5 amended.**

Section 105.5 of the International Building Code, is amended to read as follows:

*105.5 Expiration.* Every permit issued shall expire unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Work shall be considered to have been suspended or abandoned if it has been more than 180 days since the last requested inspection. Before work can be recommenced, the permit must be reinstated. The fee for the re-instatement shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such

work; and that such suspension or abandonment has not exceeded one year. In order to resume work after suspension or abandonment for a period of one year, a new permit shall be required. The building official is authorized to grant one or more extensions of time, for periods not more than 180 days each. The extensions shall be requested in writing and justifiable cause demonstrated.

**Sec. 2.2.180. - Section 105.7 amended.**

Section 105.7 of the International Building Code, is amended to read as follows:

*105.7 Placement of permit.* Work requiring a permit shall not be commenced until the permit holder or an agent of the permit holder has posted or has made available an inspection record card such as to allow the building official to conveniently make the required entries thereon regarding inspection of the work. This card shall be maintained and made available by the permit holder until final approval has been granted by the building official.

**Sec. 2.2.190. - Section 108.2 (formerly) amended.**

Section 109.2 of the International Building Code, is amended to read as follows:

109.2 Schedule of permit fees. On buildings, structures or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the fee schedule as established by Article 1.2 of this Code.

**Sec. 2.2.200. – Section 109.5.1 amended.**

Section 109.5.1 has been created to read as follows:

*109.5.1 Plan review fees.* When submittal documents are required by Section 107 of the International Building Code, a plan review fee shall be paid at the time of submitting the documents for plan review. When submitted for a project within the MABCD jurisdiction, said plan review fee shall be 60 percent of the building permit fee as shown in Tables B and C of this Code. The plan review fees specified in this section are separate fees from those fees set forth in Section 109.2 of the International Building Code and are in addition to building permit fees. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items as defined in Section 107.3.4.1 of the International Building Code, an additional plan review fee shall be charged at the rate shown in Table D of this Code.

**Sec. 2.2.210. - Section 108.6 (formerly) amended.**

Section 109.6 of the International Building Code, is amended to read as follows:

Sec. 2.2.210. - Section 109.6 amended *is amended to read as follows:*

*109.6 Refunds.* The building official may authorize refunding of any fee paid hereunder, which was erroneously paid or collected. The building official may authorize refunding of

not more than 80 percent of the fee paid when no work has been done under a permit issued in accordance with this Code and the period of 180 days has not expired since the issuance of said permit.

**Sec. 2.2.220. - Section 109.3.10 amended (formerly) is amended to read as follows:**

**Sec. 2.2.220. - Section 110.3.10 amended.**

Section 110.3.10 of the International Building Code, is amended to read as follows:

*110.3.10 Final inspection.* The final inspection shall be made after all work required by the building permit is completed. If landscaping is required by the building permit, the landscaping shall be installed by the holder of the building permit, property owner, or their duly authorized agent. A letter of credit or bond in the amount of 125% of the cost of the landscaping shall be submitted to the MABCD before the final inspection approval will be issued to the contractor. The building shall not be occupied prior to obtaining final inspection approval.

**Sec. 2.2.230. - Section 110.2 amended (formerly) is amended to read as follows:**

**Sec. 2.2.230.-Section 111.2 amended.**

Section 111.2 of the International Building Code, is amended to read as follows:

111.2 Certificate issued. After the building official inspects the building or structure and finds no violation of the provisions of this Code or other laws that are enforced by the MABCD, the building official shall issue a certificate of occupancy that contains the following:

1. The building permit number.
2. The address of the structure.
3. The name of the owner or contractor.
4. A description of that portion of the structure for which the certificate is issued.
5. A statement that the described portion of the structure has been inspected for compliance with the various sections of the Wichita-Sedgwick County Unified Building and Trade Code regulating building construction or use.

**Sec. 2.2.240. - Section 111 deleted (formerly) is amended to read as follows:**

**Sec. 2.2.240. - Section 113 amended.**

Section 113 of the International Building Code, is amended to read as follows:

**See Article 1, Section 5 – Board of Appeals – General Rules and Regulations**

**Sec. 2.2.250. - Section 305.2 amended.**

Section 305.2 of the International Building Code, is amended to read as follows:

*305.2 Group E, day care facilities.* This group includes buildings and structures or portions thereof occupied by more than 10 children older than 2 1/2 years of age who receive educational, supervision or personal care services for fewer than 24 hours per day. A facility with 10 or fewer persons receiving such care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code.

**Sec. 2.2.260. - Section 308.2 amended (formerly) is amended to read as follows:**

**Sec. 2.2.260. – Various portions of Section 308 amended, with other amendments contained within Secs. 2.2.270, 2.2.280, and 2.2.290.**

Various portions of Section 308 of the International Building Code (with other amendments contained within Sections 2.2.270, 2.2.280, and 2.2.290), are amended to read as follows:

308.3.1 A facility such as the above with ten or fewer persons shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code.

308.3.2 A facility such as above, housing at least eleven and not more than 16 persons, shall be classified as Group R-4 occupancy.

308.4.1 Five or fewer persons receiving care. A facility such as the above with five or fewer persons receiving such care shall be classified as Group R-3 occupancy or shall comply with the International Residential Code.

308.6.4 Ten or fewer persons receiving care in a dwelling unit. A facility such as the above within a dwelling unit and having ten or fewer persons receiving custodial care shall be classified as Group R-3 occupancy, or shall comply with the International Residential Code.

**Sec. 2.2.270. - Section 308.5 amended.**

Section 308.5 of the International Building Code, is amended to read as follows:

*308.5 Group I-4, day care facilities.* This group shall include buildings and structures occupied by persons of any age who receive custodial care for less than 24 hours by individuals other than parents or guardians, relatives by blood, marriage or adoption, and in a place other than the home of the person cared for. A facility such as the above with ten or fewer persons shall be classified as a Group R-3 or shall comply with the International Residential Code in accordance with Section 101.2. Places of worship during religious functions are not included.

**Sec. 2.2.280. - Section 308.5.1 amended.**

Section 308.5.1 of the International Building Code, is amended to read as follows:

*308.5.1 Adult care facility.* A facility that provides accommodations for less than 24 hours for more than ten unrelated adults and provides supervision and personal care services shall be classified as Group I-4.

*Exception:* A facility where occupants are capable of responding to an emergency situation without physical assistance from the staff shall be classified as Group R-3.

**Sec. 2.2.290. - Section 308.5.2 amended.**

Section 308.5.2 of the International Building Code, is amended to read as follows:

*308.5.1 Child care facility.* A facility that provides supervision and personal care on less than a 24-hour basis for more than ten children 2½ years of age or less shall be classified as Group I-4.

*Exception:* A child day care facility that provides care for more than ten but no more than 100 children 2½ years or less of age, when the rooms where such children are cared for are located on the level of exit discharge and each of these child care rooms has an exit door directly to the exterior, shall be classified as Group E.

**Sec. 2.2.300. - Section 310.1 amended (formerly) is amended to read as follows:**

**Sec. 2.2.300. – Section 310.5 amended.**

Section 310.5 of the International Building Code, is amended to read as follows:

**310.5 Residential Group R-3.** Residential occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4 or I, including:

- Buildings that do not contain more than two dwelling units
- Boarding houses (nontransient) with 10 or fewer occupants
- Care facilities that provide accommodations for ten or fewer persons receiving care
- Congregate living facilities (nontransient) with 16 or fewer occupants
- Congregate living facilities (transient) with 10 or fewer occupants

**310.5.1 Care facilities within a dwelling.** Care facilities for ten or fewer persons receiving care that are within a single-family dwelling are permitted to comply with the International Residential Code.

**Sec. 2.2.318. - Section 310.6 amended** *is created and reads as follows:*

Section 310.6 of the International Building Code, is amended to read as follows:

*310.6 Residential Group R-4.* This occupancy shall include buildings, structures or portions thereof for more than ten but not more than 16 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. The persons receiving care are capable of self-preservation. This group shall include, but not be limited to, the following:

Alcohol and drug centers

Assisted living facilities

Congregate care facilities

Convalescent facilities

Group homes

Halfway homes

Residential board and custodial care facilities

Social rehabilitation facilities

**Sec. 2.2.320. - Section 406.2.2 deleted.**

**Sec. 2.2.330. - Section 408.3.1 amended.**

Section 408.3.1 of the International Building Code, is amended to read as follows:

*408.3.1 Door width.* Doors to resident sleeping units shall have a clear width of not less than 32 inches (813 mm).

**Sec. 2.2.340. - Section 412.2.1 amended (formerly) is amended to read as follows:**

**Sec. 2.2.340. – Section 4.12.4.1 amended.**

Section 412.4.1 of the International Building Code, is amended to read as follows:

*412.4.1 Exterior walls.* Exterior walls located less than 25 feet (7692 mm) from property lines, lot lines or a public way shall have a fire-resistance rating of not less than 2 hours.

**Sec. 2.2.360. - Section 4112.2.6 amended (formerly) is amended to read as follows:**

**Sec. 2.2.360. – Section 412.4.6 amended.**

Section 412.4.6 of the International Building Code, is amended to read as follows:

[F] 412.4.6 Fire suppression. Aircraft hangers shall be provided with a fire suppression system designed in accordance with NFPA 409, based upon the classification for the hanger given in Table 412.4.6.

*Exception:* In the City of Wichita jurisdiction, Group II and III hangers, operated by a fixed base operator used for storage of transient aircraft only, shall have a fire suppression system where the square footage used for aircraft storage exceeds 1.5 times the fire area noted in Table 412.4.6, but the system is exempt from foam requirements. In the Sedgwick County jurisdiction, Aircraft hangers shall have a fire suppression system when the square footage exceeds 26,000 square feet.

**Sec. 2.2.365. - Sections 421—421.3.4, 421.4—421.6 (formerly) is amended to read as follows:**

**Sec. 2.2.365. – Section 423.1.1 amended.**

Sec. 423.1.1 of the International Building Code, is amended to read as follows:

*423.1.1 Storm shelters: Scope.* When a room or area is represented by a manufacturer or builder as a storm shelter, or is a designated location of refuge by an owner/user of a structure, the shelter shall meet one the following requirements:

1. For a shelter with less than 12 occupants, the shelter may be constructed using the provisions of the current addition of FEMA 320 "Taking Shelter From The Storm".
2. For a shelter with 12 or more occupants, the shelter shall be designed by a licensed design professional in accordance with FEMA 361 "Design And Construction Guidance Of Community Shelters," editions 1 or 2. A licensed engineer shall seal a certificate to be posted on the inside of each shelter stating it was designed in accordance with FEMA 361.
3. Storm shelters constructed in accordance with ICC-500.

**Sec. 2.2.370. - Section 507.3 amended.**

Section 507.3 of the International Building Code, is amended to read as follows:

*507.3 Sprinklered, one story.* The area of a one-story, Group B, E, F, M, or S building or a one-story Group A-1, A-2 or A-4 building of other than Type V construction shall not be limited when the building is provided with an automatic sprinkler system throughout in accordance with Section 903.3.1.1 and is surrounded and adjoined by public ways or yards not less than 60 feet (18288 mm) in width.

Exceptions:

1. Buildings and structures of Type I and II construction for rack storage facilities that do not have access by the public shall not be limited in height, provided that such buildings conform to the requirements of Sections 507.2 and 903.3.1.1 and NFPA 230.
2. The automatic sprinkler system shall not be required in areas occupied for indoor participant sports, such as tennis, skating, swimming and equestrian activities in occupancies in Group A-4, provided that:
  - 2.1 Exit doors directly to the outside are provided for occupants of the participant sports areas; and
  - 2.2 The building is equipped with a fire alarm system with manual fire alarm boxes installed in accordance with Section 907.
3. Group A-1 and A-2 occupancies of other than Type V construction shall be permitted, provided:
  - 3.1 All assembly and educational occupancies are separated from other spaces as required for separated uses in Section 508.3.3.4 with no reduction allowed in the fire-resistance rating of the separation based upon the installation of an automatic sprinkler system.
  - 3.2 Each Group A and E occupancy shall not exceed the maximum allowable area permitted in Section 503.1; and
  - 3.3 All required exists shall discharge directly to the exterior.

**Sec. 2.2.380. - Section 507.6 amended.**

Section 507.6 of the International Building Code, is amended to read as follows:

*507.6 Group A-3 buildings.* The area of a one-story, Group A-3 building of Type II construction shall not be limited when all of the following criteria are met:

1. The building shall not have a stage other than platform.
2. The building shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
3. The building shall be surrounded and adjoining by public ways or yards not less than 60 feet (18288 mm) in width.

**1Sec. 2.2.400. - Table 601 amended.**

Table 601 of the International Building Code, is amended to read as follows:

**TABLE 601<sup>(h)</sup> - FIRE-RESISTANCE RATING REQUIREMENTS**  
FOR BUILDING ELEMENTS (hours)

For SI: 1 foot = 304.8mm.

<b>BUILDING</b>	<b>TYPE I</b>	<b>TYPE II</b>	<b>TYPE III</b>	<b>TYPE IV</b>	<b>TYPE V</b>

<b>ELEMENT</b>	<b>A</b>	<b>B</b>	<b>A<sup>e</sup></b>	<b>B</b>	<b>A<sup>e</sup></b>	<b>B</b>	<b>HT</b>	<b>A<sup>e</sup></b>	<b>B</b>
Primary Structural Frame <sup>a</sup>	3 <sup>b</sup>	2 <sup>b</sup>	1	0	1	0	HT	1	0
Bearing walls									
Exterior <sup>g</sup>	3	2	1	0	2	2	2	1	0
Interior	3 <sup>b</sup>	2 <sup>b</sup>	1	0	1	0	1/HT	1	0
Nonbearing walls and partitions	See Table 602								
Exterior									
Nonbearing Walls And Partitions									
Interior <sup>f</sup>	0	0	0	0	0	0	See Section 602.4.6	0	0
Floor construction and secondary members	2	2	1	0	1	0	HT	1	0
Roof construction and secondary members	1 1/2 <sup>c</sup>	1 <sup>c, d</sup>	1 <sup>c, d</sup>	0 <sup>c, d</sup>	1 <sup>c, d</sup>	0 <sup>c, d</sup>	HT	1 <sup>c, d</sup>	0

a. The primary structural frame shall be considered to be the columns and the girders, beams, trusses and spandrels having direct connections to the column and bracing members designed to carry gravity loads. The following structural members shall be considered secondary members and not part of the primary structural frame:

- i. Structural members not having direct connections to the columns;
- ii. Members of the floor construction not having direct connections to the columns; and
- iii. Bracing members other than those that are part of the primary structural frame.

b. Roof supports: Fire-resistance ratings of structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only.

c. Except in Group F-1, H, M, and S-1 occupancies, fire protection of structural

members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.

- d. In all occupancies, heavy timber shall be allowed where 1-hour or less fire-resistance rating is required.
- e. An approved automatic sprinkler system in accordance with Section 903.3.1.1 shall be allowed to be substituted for 1-hour fire-resistance-rated construction, provided such system is not otherwise required by other provisions of this code or used for an allowable area increase in accordance with Section 506.3 or an allowable height increase in accordance with Section 504.2. The 1-hour substitution for the fire resistance of exterior walls shall not be permitted.
- f. Not less than the fire-resistance rating required by other sections of this code.
- g. Not less than the fire-resistance rating based on fire separation distance (See Table 602).
- h. Canopies under which temporary transactions occur or the loading and unloading of passengers of private or pleasure-type motor vehicles may be of non-combustible construction, subject to the following conditions:
  - i. The canopy is open on three or more sides and is not more than 1500 square feet (139.4 m<sup>2</sup>).
  - ii. Canopy structures shall not be located in areas where building openings are prohibited or openings are required to be protected by Table 602.
  - iii. Buildings or portions thereof with exits having canopy structures located over the exit discharge shall be provided with an alternate means of egress as required by Section 1015.2.1.

**Sec. 2.2.460. - Section 705.1 amended (formerly) is amended to read as follows:**

**Sec. 2.2.460. - Section 706.1 amended.**

Section 706.1 of the International Building Code, is amended to read as follows:

706.1 General. Each portion of a building separated by one or more fire walls that comply with the provisions of this section shall be considered a separate building. The extent and location of such fire walls shall provide a complete separation. Where a fire wall also separates occupancies that are required to be separated by a fire barrier wall, the most restrictive requirements of each separation shall apply.

*Exceptions:*

1. Area separation walls constructed prior to the adoption of the 2000 Edition of the International Building Code may be increased in length by not more than 25 percent of the length of the existing wall, not to exceed 30 feet. The method of construction and fire rating of the additional wall length shall be in general conformance to that of the existing wall.
2. Where building separation is required by the adopted electrical code to allow for multiple electrical services, the firewall may be constructed in accordance with the provisions of a two-hour fire barrier per Section 707. If the fire wall coincides with that of a required fire barrier, then the most restrictive requirement shall apply. For allowable area purposes, the building is considered as one structure with no benefit from the fire wall.

**Sec. 2.2.480. - Section 715.5.7.2 amended (formerly) is amended to read as follows:**

**Sec. 2.2.480. - Section 716.6.7.2 amended.**

Section 716.6.7.2 of the International Building Code, is amended to read as follows:

716.6.7.2 Size limitations. The total area of windows shall not exceed 25 percent of the area of a common wall with any room.

*Exception:* Window openings of unlimited area may be glazed with approved fixed laminated glass, subject to the following conditions:

1. The glass shall be protected by a sprinkler system served by a domestic line and equipped with listed quick-response sprinklers approved by the Fire Department. The sprinkler system shall completely wet the entire surface of the glass wall when activated.
2. The laminated glass shall be in a gasketed non-combustible frame as installed so that the glazing system may deflect without breaking (loading) the glass before the sprinkler system operates.
3. Obstructions such as curtain rods, drapery traverse rods, curtains, drapes or similar materials shall not be installed between the sprinkler and the glass. For the purpose of this section, non-combustible doors with approved fixed laminated glass may be considered as window openings, when subjected to the above conditions. The above doors shall comply with Sections 716.5.9 and 716.5.9.1.

**Sec. 2.2.500. – Chapter 9, Section 901.6 amended– Inspection, testing and maintenance (formerly) is amended to read as follows:**

Sec. 2.2.500. – Section 901.5 amended – Inspection, testing and maintenance.

**In the jurisdiction of the City of Wichita:**

Section 901.5 of the International Building Code, 2012 Edition, is amended to read as follows:

*Section 901.5 Inspection, testing and maintenance.* Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Non-required fire protection systems and equipment shall be inspected, tested and maintained or removed. Installation and alterations to fire detection, alarm and extinguishing systems shall be done in accordance with applicable standards and shall be performed by a NICET II or IMSA or approved equivalent certified Wichita Licensed Fire Protection Contractor.

Required test and inspection records shall be submitted within 30 days of testing and inspection to the fire code official in such form and by such means as directed by the fire code official and Department Policy. A third party vendor will manage the records. Any data management fees charged by a third party administrator to process, store and report such documentation shall be the responsibility of the party submitting the report. Reports submitted otherwise than in accordance with this section may not be accepted by the fire code official.

**In the jurisdiction of Sedgwick County:**

Article 12, Section 901.5 of the International Building Code, 2012 Edition, is added to read as follows:

Authorized inspectors, test and maintenance personnel. No person or business entity shall inspect, test or maintain any system regulated by this section unless said person or business entity is a licensed fire protection contractor who has passed an appropriate examination. The International Code Council test for general contractors in the state of Kansas (ICC address of 5360 S. Workman Mill Rd. Whittier, CA 90601) or the "Block Test" administered by Experior (address of 2100 NW 53rd Ave., Gainesville, FL 32653), are designated as the standard examinations for determining the qualifications of person seeking licensure.

Those persons who were licensed as required by the Department of Code Enforcement on December 31, 2003, and whose license has not subsequently lapsed or been suspended or revoked, shall not be required to pass any such examination. Those persons not so licensed on that date shall be at least a NICET Level II Fire Protection Contractor.

**Sec. 2.2.520. - Section 903.2.1.2 amended.**

Section 903.2.1.2 of the International Building Code, is amended to read as follows:

*903.2.1.2 Group A-2.* An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>);

2. The fire area has an occupant load of 300 or more in Sedgwick County jurisdiction, or 100 in the City of Wichita jurisdiction.

*Exception available in City of Wichita Jurisdiction* - the occupant load may go to 300 people if a 3rd exit or fire alarm is added that is approved by the Wichita Fire Marshal or MABCD Director.

3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

**Sec. 2.2.555. - Section 903.2.3.1 created (formerly) is amended to read as follows:**

**Sec. 2.2.555. - Section 903.2.4.1 amended.**

Section 903.2.4.1 of the International Building Code, is amended to read as follows:

*903.2.4.1 Woodworking operations.* An automatic sprinkler system shall be provided throughout all Group F-1 occupancy fire areas that contain woodworking operations in excess of 2,500 square feet in area (232 m<sup>2</sup>) which generate finely divided combustible waste or use finely divided combustible materials.

*Exception:* A room or the aggregate area of rooms containing woodworking operations within a fire area, as defined by the International Building and Fire Codes, where the area is 2,500 square foot (232 m<sup>2</sup>) or less. Walls which define rooms containing a wood working operation shall be of non-combustible construction. All doors shall have self-closing devices and any windows shall be fixed closed. All openings shall be maintained closed.

**Sec. 2.2.560. - Section 903.2.7 amended (formerly) is amended to read as follows:**

**Sec. 2.2.560. - Section 903.2.8 amended.**

Section 903.2.8 of the International Building Code, is amended to read as follows:

*Section 903.2.8 Group R.* An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area.

*Exceptions:*

One- or two-family dwelling unit.

Dwelling units in three- & four- family dwellings separated from each other by wall and/or floor assemblies having not less than a 2-hour fire-resistance rating. Fire-resistance-rated floor/ceiling & wall assemblies shall extend to and be tight against an exterior wall, and wall assemblies shall extend from the foundation to the underside of the roof sheathing.

The roof shall be a minimum of class C roof covering, and the roof decking or sheathing is of non-combustible materials or approved fire-retardant-treated wood for a distance of four feet on each side of the wall or walls. There shall be no penetrations through this area of the roof deck or sheathing.

Where buildings, or portions thereof, are arranged above or below adjacent units, an automatic sprinkler system shall be provided throughout all units.

**Sec. 2.2.570. - Section 903.2.8 deleted (formerly) is amended to read as follows:**

**Sec. 2.2.570. – Section 903.2.9 amended.**

Section 903.2.9 of the International Building Code, is amended to read as follows:

*[F] 903.2.9 Group S-1.* An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 fire area exceeds 12,000 square feet (1115 m<sup>2</sup>).

*Exception:* In the City of Wichita jurisdiction, a Group II or III aircraft hangar, as defined by NFPA 409, operated by a fixed base operator used for storage of transient aircraft only where the fire area exceeds 18,000 square feet (1672 m<sup>2</sup>). See International Building Code Section 412.4.6.2 for fire area allowances for ancillary uses. In the Sedgwick County jurisdiction, Aircraft hangers shall have a fire suppression system when the square footage exceeds 26,000 square feet.

2. A Group S-1 fire area is located more than three stories above grade plane.
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).
4. A Group S-1 fire area used for the storage of commercial trucks or buses where the fire area exceeds 5,000 square feet (464 m<sup>2</sup>).
5. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds 2,500 square feet (232 m<sup>2</sup>).

**Sec. 2.2.580. - Section 903.2.9 (formerly) deleted.**

**Sec. 2.2.590. - Section 903.2.9.1 (formerly) amended.**

Section 903.2.10.1 of the International Building Code, is amended to read as follows:

*[F] 903.2.10.1 Commercial parking garages.* An automatic sprinkler system shall be provided throughout buildings used for storage of commercial trucks or buses where the fire area exceeds 12,000 square feet (1115 m<sup>2</sup>).

**Sec. 2.2.600. - Section 903.2.10.1.1 amended (formerly) is amended to read as follows:**

**Sec. 2.2.600. - Section 903.2.11.1.1 amended.**

Section 903.2.11.1.1 of the International Building Code, is amended to read as follows:

*[F] 903 .2.11.1.1 Opening dimensions and access.* Openings shall have a minimum dimension of not less than 30 inches (762 mm) in width and 48 inches (1219 mm) in height. Such openings shall be accessible to the fire department from the exterior and shall not be obstructed in a manner that fire fighting or rescue cannot be accomplished from the exterior.

**Sec. 2.2.665. - Section 903.3.1.2.1 created (formerly) is amended to read as follows:**

**Sec. 2.2.665. - Section 903.2.11.3 amended.**

**In the jurisdiction of the City of Wichita**

Section 903.2.11.3 of the 2012 International Building Code shall be adopted as written.

**In the jurisdiction of Sedgwick County**

Section 903.2.11.3 of the International Building Code is amended to read as follows:

*903.2.11.3 Buildings of 30 feet or more in height.* An automatic sprinkler system shall be installed throughout buildings with a floor level having an occupant load of 30 or more that is located 30 feet or more above the lowest level of fire department vehicle access.

*Exceptions:*

- 1. Airport control towers.
- 2. Open parking structure.
- 3. Occupancies in F-2 structures.

**Sec. 2.2.670. - Chapter 9, Section 903.3.6 amended – Hose thread.**

**Section 903.3.6 of the International Building Code, is applicable within the city limits of the City of Wichita.**

Chapter 9, Section 903.3.6 of the International Fire Code, 2006 Edition, is amended to read as follows:

**Section 903.3.6. - Hose threads.** Fire hose threads and fittings used in connection with automatic sprinkler systems shall comply with NFPA 1963 or as otherwise approved, and shall be compatible with fire department hose threads. Fire hose thread used in connection with fire-extinguishing systems shall be national standard hose thread or as approved by

the fire code official.

**Sec. 2.2.680.- Chapter 9, Section 903.3.7 amended – Fire department connections (formerly) is amended to read as follows:**

**Sec. 2.2.680. -Section 903.3.7 created -fire department connections.**

Section 903.3.7 is amended and reads as follows:

**In the jurisdiction of the City of Wichita**

The location of fire department hose connections shall be approved by the fire code official. The maximum distance shall be 150 feet from a fire hydrant. The required hydrant shall be no closer than 40 feet to the structure.

**Sec. 2.2.720. - Section 907.2.3 amended is amended to read as follows:**

Section 907.2.3 of the International Building Code, is amended to read as follows:

907.2.3 Group E. An automatic fire alarm system with smoke detection in accordance with provisions set forth in current Kansas Administrative Regulations and the NFPA 101 Life Safety Code Section shall be installed in Group E occupancies.

**Sec. 2.2.730. - Group I-4 created (formerly) is amended to read as follows:**

**Sec. 2.2.730. – Section 907.2.6.4 created.**

Group 1-4. Group 1-4 occupancies shall be equipped with an automatic fire alarm system with smoke detection in accordance with provisions set forth in current Kansas Administrative Regulations and the NFPA 101 Life Safety Code Section 16.3.4, as amended.

**Sec. 2.2.740. - Section 910.2.1 amended is amended to read as follows:**

Section 910.2.1 of the International Building Code, is amended to read as follows:

910.2.1 Group F-1 or S-1. Buildings and portions thereof used as Group F-1 or S-1 occupancy having more than 50,000 square feet (4645 m<sup>2</sup>) in undivided area.

*Exceptions:*

1. Group S-1 aircraft repair hangars.
2. Areas completely separated by non-combustible partitions so that no one area exceeds 50,000 square feet (4645 m<sup>2</sup>). Openings shall be provided with approved automatic or self-closing devices to ensure closure of the opening.

**Sec. 2.2.750. - Section 910.3.5 amended (formerly) is amended to read as follows:**

**Sec. 2.2.750. – Section 912.2.1 amended.**

Section 912.2.1 of the International Building Code, is hereby amended to read as follows:

912.2.1 Visible location. Fire Department connections shall be located on the street side of buildings, fully visible and recognizable from the street or nearest point of Fire Department vehicle access or as otherwise approved by the fire chief. In addition, a horn/strobe device shall be installed directly above the Fire Department connection and shall activate in conjunction with the fire alarm system.

**Sec. 2.2.760. - Section 1003.5 amended is amended to read as follows:**

Section 1003.5 of the International Building Code, is amended to read as follows:

1003.5 Elevation change. Where changes in elevation of less than 12 inches (305 mm) exist in the means of egress, sloped surfaces shall be used. Where the slope is greater than one unit vertical in 20 units horizontal (5-percent slope), ramps complying with Section 1010 shall be used. Where the difference in elevation is 6 inches (152 mm) or less, the ramp shall meet the requirements of the Americans with Disability Act ("ADA").

*Exceptions:*

1. A single step with a maximum riser height of 7 inches (178 mm) is permitted for buildings with occupancies in Groups F, **H**, R-2, R-3, S, and U at exterior doors not required to be accessible by the Americans with Disabilities Act ("ADA") or locations served by a ramp meeting the requirements of the Americans with Disabilities Act ("ADA").
2. A stair with a single riser or with two risers and a tread is permitted at locations not required to be accessible by the Americans with Disabilities Act ("ADA"), provided that the risers and treads comply with Section 1009.7, the minimum depth of the tread is 13 inches (330 mm) and at least one handrail complying with (330 mm) and at least one handrail complying with Section 1012 is provided within 30 inches (762 mm) of the centerline of the normal path of egress travel on the stair.
3. A step is permitted in aisles serving seating that has a difference in elevation less than 12 inches (305 mm) at locations not required to be accessible by the Americans with Disabilities Act ("ADA"), provided that the risers and treads comply with Section 1028.11 and aisle is provided with a handrail complying with Section 1028.13.

Any change in elevation in a corridor serving non-ambulatory persons in Group 1-2 occupancy shall be by means of a ramp or sloped walkway.

**Sec. 2.2.770. -Chapter 10, Section 1004.1 amended - Design occupant load (formerly) is amended to read as follows:**

**Sec. 2.2.770. – Section 1004.1 amended.**

Section 1004.1 of the International Building Code, is amended to read as follows:

*Section 1004.1 Design occupant load.* In determining means of egress requirements, the number of occupants for whom means of egress facilities shall be provided shall be determined in accordance with this section. Where occupants from accessory areas egress through a primary space, the calculated occupant load for the primary space shall include the total occupant load of the primary space plus the number of occupants egressing through it from the accessory area. Within the city limits of Wichita, see the 2012 International Fire Code, Chapter 1, Section 107.6 as amended by the City of Wichita.

**Sec. 2.2.780. - Section 1006.3 amended.**

Section 1006.3 of the International Building Code, is amended to read as follows:

*1006.3 Illumination emergency power.* The power supply for means of egress illumination shall normally be provided by the premises' electrical supply.

In event of power supply failure, an emergency electrical system shall automatically illuminate the following areas:

1. Aisles and enclosed egress stairways in rooms and spaces that require two or more means of egress.
2. Corridors, exit enclosures and exit passageways in buildings required to have two or more exits.
3. Exterior egress components at other than the level of exit discharge until exit discharge is accomplished for buildings required to have two or more exits.
4. Interior exit discharge elements, as permitted in Section 1027.1, in buildings required to have two or more exits.

**Sec. 2.2.790. - Section 1006.4 amended (formerly) is amended to read as follows:**

**Sec. 2.2.790. – Section 1006.3.1 amended.**

Section 1006.3.1 of the International Building Code, is amended to read as follows:

*1006.3.1 Performance of system.* Emergency lighting facilities shall be arranged to provide initial illumination that is at least an average of 1 foot-candle (11 lux) and a minimum at any point of 0.1 foot-candle ( 1 lux) measured along the path of egress at floor level. A licensed electrical engineer shall certify such system.

*Exception:* Emergency lighting facilities shall be placed at intervals not to exceed 50 feet (15240 mm) on center or 25 feet (7620 mm) in any one direction along the path of egress. Obstructions or changes in direction of exit travel shall be considered the conclusion of the emergency light facility.

**Sec. 2.2.800. - Section 1007.1 amended.**

Section 1007.1 of the International Building Code, is amended to read as follows:

*1007.1 Accessible means of egress required.* Accessible means of egress shall comply with this section. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress is required by Section 1015.1 or 1021.1 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress. Accessible means of egress for alterations shall comply with the Americans with Disabilities Act.

**Sec. 2.2.810. - Section 1007.3 created.**

Section 1007.3 of the International Building Code is hereby amended to read as follows:

*1007.3 Exit Stairways.* In order to be considered part of an accessible means of egress, an exit stairway shall have a clear width of 48 inches minimum between handrails and shall either incorporate an area of refuge within an enlarged floor-level landing or shall be accessed from either an area of refuge complying with Section 1007.6 or a horizontal exit.

*Exceptions:*

1. Unenclosed exit stairways as permitted by Section 1020.1 are permitted to be considered part of an accessible means of egress.
2. The area of refuge is not required at unenclosed exit stairways as permitted by Section 1020.1 in buildings or facilities equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.
3. The clear width of 48 inches between handrails is not required at exit stairways in buildings or facilities equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.
4. The clear width of 48 inches between handrails is not required for exit stairways accessed from a horizontal exit.
5. Areas of refuge are not required at exit stairways serving open parking garages.
6. Areas of refuge are not required at exit stairways in buildings equipped throughout by an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.
7. Areas of refuge are not required for smoke-protected seating areas complying with Section 1025.6.2.
8. The areas of refuge are not required in Group R-2 occupancies.

**Sec. 2.2.820. - Section 1007.4 deleted.**

**Sec. 2.2.830. - Section 1008.1.1 amended is amended to read as follows:**

Section 1008.1.1 of the International Building Code, is amended to read as follows:

*1008.1.1 Size of doors.* The minimum width of each door opening shall be sufficient for

the occupant load thereof and shall provide a clear width of not less than 32 inches (813 mm). Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees (1.57 rad). Where this section requires a minimum clear width of 32 inches (813 mm) and a door opening includes two door leaves without a mullion, one leaf shall provide a clear opening width of 32 inches (813 mm). The maximum width of a swinging door leaf shall be 48 inches (1219 mm) nominal. Means of egress doors in a Group 1-2 occupancy used for the movement of beds shall provide a clear width not less than 41.5 inches (1054 mm). The height of doors shall not be less than 80 inches (2032 mm).

*Exceptions:*

1. The minimum and maximum width shall not apply to door openings that are not part of the required means of egress in Group R-2 and R-3 occupancies.
2. Door openings to resident sleeping unit in Group 1-3 occupancies shall have a clear width of not less 32 inches (813 mm).
3. Door openings to storage closets less than 10 square feet (0.93 m<sup>2</sup>) in area shall not be limited by the minimum width.
4. Width of door leaves in revolving doors that comply with Section 1008.1.4.1 shall not be limited.
5. Door openings within a dwelling unit or sleeping unit shall not be less than 78 inches (1981 mm) in height.
6. Exterior door openings in dwelling units and sleeping units, other than the required exit door, shall not be less than 76 inches (1930 mm) in height.
7. In other than Group R-1 occupancies, the minimum widths shall not apply to interior egress doors within a dwelling unit or sleeping unit that is not required to be an Accessible unit, Type A unit or Type B unit.
8. Door openings required to be accessible within Type B units shall have minimum clear width of 32 inches (813 mm).

**Sec. 2.2.850. - Section 1008.1.4 amended (formerly) is amended to read as follows:**

**Sec. 2.2.850. – Section 1008.1.5 amended.**

Section 1008.1.5 of the International Building Code, is amended to read as follows:

1008.1.5 Floor Elevation. There shall be floor or landing on each side of a door. Such floor or landing shall be at the same elevation on each side of the door. Landings shall be level except for exterior landings, which are permitted to have a slope not to exceed 1

vertical to 48 horizontal (2-percent slope).

*Exceptions:*

1. Doors serving individual dwelling units Groups R-2 and R-3 where the following apply:
  - 1.1 A door is permitted to open at the top step of an interior flight of stairs, provided the door does not swing over the top step.
  - 1.2 Screen doors and storm doors are permitted to swing over stairs or landings.
  - 1.3 A door is permitted to open at the top step of a flight of interior stairs in an attached garage, provided the door does not swing over the top step.
  - 1.4 A door is permitted to open at the top step of a flight of exterior stairs from a patio, provided there are no more than four risers.
2. Exterior doors as provided for in Section 1003.5, Exception 1, and Section 1020.2, which are not on an accessible route.
3. In Group R-3 occupancies not required to be Accessible units, Type A units or Type B units, the landing at an exterior doorway shall not be more than 8 inches (203.2 mm) below the top of the threshold, provided the door, other than an exterior storm or screen door, does not swing over the landing.
4. Variations in elevation due to differences in finish materials, but not more than 0.5 inch (12.7 mm).
5. Exterior decks, patios or balconies that are part of Type B dwelling units, have impervious surfaces and that are not more than 4 inches (102 mm) below the finished floor level of the adjacent interior space of the dwelling unit.
- \*6. Doors, gates and panels that serve as access points to building equipment rooms that are not normally occupied, except where serving the following:
  - 6.1 Electrical rooms with equipment rated 1,200 amperes or more and over 6 feet (1829 mm) wide that contain overcurrent devices, switching devices or control devices (See International Building Code Section 1008.1.10).
  - 6.2 Rooms or spaces having a floor area larger than 1,000 square feet (93 m<sup>2</sup>), containing a refrigerant evaporator and maintained at a temperature below 68°F (20°C) (see International Building Code Section 1015.5).

\*To be amended out in future amendment process.

**Sec. 2.2.860. - Section 1008.1.5 amended (formerly) is amended to read as follows:**

**Sec. 2.2.860. – Section 1008.1.6 amended.**

Section 1008.1.6 of the International Building Code, is amended to read as follows:

*1008.1.6 Landings at doors.* Landings shall have a width not less than the width of the stairway or the door, whichever is greater. Doors in the fully open position shall not reduce a required dimension by more than 7 inches (178 mm). When a landing serves an occupant load of 50 or more, doors in any position shall not reduce the landing to less than one-half its required width. Landings shall have a length measured in the direction of travel of not less than 48 inches (1219 mm) and shall comply with the Americans with Disabilities Act.

*Exception:* Landing lengths in the direction of travel in Groups R-3 and U and within individual units of Group R-2 are not required to exceed 36 inches (914 mm).

**Sec. 2.2.890. - Section 1008.1.8.9 amended (formerly) is amended to read as follows:**

**Sec. 2.2.890. – Section 1008.1.10 amended.**

Section 1008.1.10 of the International Building Code, is amended to read as follows:

*1008.1.10 Panic and fire exit hardware.* Doors serving a Group H occupancy and doors serving rooms or spaces with an occupant load of 50 or more in a Group A or E occupancy shall not be provided with a lock or latch unless it is panic hardware.

*Exception:* A main exit of a Group A occupancy in compliance with Section 1008.1.9.3, Item 2.

Rooms with equipment rated 800 amperes or more that contain overcurrent devices, switching devices or control devices with a personnel door(s) intended for entrance to and egress from the working space less than 25 feet from the nearest edge of the working space, the doors shall be equipped with listed panic hardware. The doors shall open in the direction of egress travel.

Unapproved hardware. Any hardware added to a door, gate or turnstile that prevents or alters the intended operation of the door, gate or turnstile shall not be permitted.

**Sec. 2.2.910. - Section 1009.9.1 deleted.**

**Sec. 2.2.920. - Section 1009.10 amended (formerly) is amended to read as follows:**

**Sec. 2.2.920. – Section 1009.15 amended.**

Section 1009.15 of the International Building Code, is amended to read as follows:

*1009.15 Handrails.* Stairways shall have handrails on each side and shall comply with Section 1012. Where glass is used to provide the handrail, the handrail shall also comply with Section 2407.

*Exceptions:*

1. Aisle stairs complying with Section 1028 provided with a center handrail need not have additional handrails.
2. Stairways within dwelling units, spiral stairways and aisle stairs serving seating only on one side are permitted to have a handrail on one side only.
3. Decks, patios and walkways that have a single change in elevation where the landing depth on each side of the change of elevation is greater than what is required for a landing do not require handrails.
4. In Group R-3 occupancies, a change in elevation consisting of a single riser at an entrance or egress door does not require handrails.
5. Changes in room elevations of only one riser do not require handrails.

**Sec. 2.2.930. - Section 1009.12 created (formerly) is amended to read as follows:**

**Sec. 2.2.930. - Section 1009.18 created.**

Section 1009.18 of the International Building Code, is created to read as follows:

*1009.18 Access to elevator equipment rooms and areas.* Room and areas containing equipment that must be accessed for maintenance must meet the requirements set forth in ANSI-A 17.1 as adopted by the MABCD Elevator Code.

Access to equipment rooms and areas other than elevator equipment rooms and areas. Rooms and areas containing equipment that must be accessed for maintenance are not required to be accessed by a stairway. Access compliance to equipment rooms and areas is subject to provisions of other adopted standards of the MABCD and that of OSHA.

*Exception:* a landing or floor is not required if stair access is provided.

**Sec. 2.2.940. - Section 1010.6.5 (formerly) amended.**

Section 1010.7.5 of the International Building Code, is amended to read as follows:

*1010.7.5 Doorways.* Where doorways are located adjacent to a ramp landing, maneuvering clearances required by the Americans with Disabilities Act ("ADA") are permitted to overlap the required landing area.

**Sec. 2.2.950. - Section 1011.1 amended.**

Section 1011.1 of the International Building Code, is amended to read as follows:

*1011.1 Where required.* Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. Intervening means of egress doors within exits shall be marked by exit signs. Access to exits shall be marked by readily visible exit signs in cases where the exit or the path of egress travel is not immediately visible to the occupants. Exit sign placement shall be such that no point in a corridor is more than 100 feet (30480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. Exit signs required at doors shall not be located more than 12 feet (3,658 mm) above the finish floor, nor more than 2 feet (610 mm) from either edge of door.

*Exceptions:*

1. Exit signs are not required in rooms or areas that require only one exit or exit access.
2. Main exterior exit doors or gates that are obviously and clearly identifiable as exits need not have exit signs where approved by the building official.
3. Exit signs are not required in sleeping areas in occupancies in Group U and individual sleeping units or dwelling units in Group R-1, R-2 or R-3.
4. Exit signs are not required in day rooms, sleeping rooms or dormitories in occupancies in Group 1-3.
5. In occupancies in Groups A-4 and A-5, exit signs are not required on the seating side of vomitories or openings into seating areas where exit signs are provided in the concourse that are readily apparent from the vomitories. Egress lighting is provided to identify each vomitory or opening within the seating area in an emergency.

**Sec. 2.2.960. - Sections 1012.3, 1012.3.1, 1012.3.2 deleted.**

**Sec. 2.2.970. - Section 1012.6 deleted.**

**Sec. 2.2.980. - Section 1013.1 (formerly) amended.**

Section 1013.2 of the International Building Code, is amended to read as follows:

*1013.2 Where required.* Guards shall be located along open-sided walking surfaces, mezzanines, industrial equipment platforms, stairways, ramps and landings that are located more than 30 inches (762 mm) above the floor or grade below. Guards shall be adequate in strength and attachment in accordance with Section 1607.8. Where glass is used to provide a guard or as a portion of the guard system, the guard shall also comply with Section 2407. Guards shall also be located along glazed sides of stairways, ramps and landings that are

located more than 30 inches (762 mm) above the floor or grade below where the glazing provided does not meet the strength and attachment requirements in Section 1607.8.

Exception: Guards are not required for the following locations:

1. On the loading side of loading docks or piers.
2. On the audience side of stages and raised platforms, including steps leading up to the stage and raised platforms.
3. On raised stage and platforms floor areas, such as runways, ramps and side stages used for entertainment or presentations.
4. At vertical openings in the performance area of stages and platforms.
5. At elevated walking surfaces appurtenant to stages and platforms for access to and utilization of special lighting or equipment.
6. Along vehicle service pits not accessible to the public.
7. In assembly seating where guards in accordance with Section 1028.14 are permitted and provided.
8. At window wells a protective cover designed to a minimum of 20 pounds per square foot (0.96 KN/m<sup>2</sup>) uniformly distributed live load may be substituted for guards. The window well covers shall be provided with an emergency egress hatch located above the ladder or stairway, with the minimum egress opening maintained. The force required to open the egress hatched shall not exceed 30 pounds (133.45 N). Window well covers and grates shall be constructed of materials approved for exterior use.

**Sec. 2.2.990. - Section 1014.3 deleted.**

**Sec. 2.2.1000. – Section 1071.1 (formerly) amended.**

**Section 1018.1 of the International Building Code, is amended to read as follows:**

*1018.1 Construction.* Corridors shall be fire-resistance rated in accordance with Table 1018.1. The corridor walls required to be fire-resistance rated shall comply with Section 708 for fire partitions.

Exceptions:

1. A fire-resistance rating is not required for corridors in an occupancy in Group E where each room that is used for instruction has at least one door directly to the exterior and rooms for assembly purposes have at least one-half of the required means of egress doors opening directly to the exterior. Exterior doors specified in this exception are required to be at ground level.
2. A fire-resistance rating is not required for corridors contained within a dwelling or

sleeping unit in and occupancy in Group R.

3. A fire-resistance rating is not required for corridors in open parking garages.
4. A fire-resistance rating is not required for corridors in an occupancy in Group B which is a space requiring only a single means of egress complying with Section 1015.1.
5. A fire-resistance rating is not required for corridors not exceeding 20 feet (6096 mm) in length, when they provide direct, obvious and unobstructed means of travel to an exit or until egress is provided from the building, provided that all openings, except the entrance to the corridor, are protected with self-closing doors of non-combustible construction or solid wood core, not less than 1 inch (35 mm) in thickness or fixed glazing. Use of rolling or sliding doors shall not be permitted, unless equipped with a closing device which operates with the actuation of an approved listed smoke detector.

**Sec. 2.2.1010. - Section 1018.4 is deleted.**

**Sec. 2.2.1050. - Section 1028.9.1 is deleted.**

**Sec. 2.2.1060. - Section 1025.13 (formerly) amended.**

Section 1028.13 of the International Building Code, is amended to read as follows:

*1028.13 Handrails.* Ramped aisles having a slope exceeding one unit vertical 20 units horizontal (5-percent slope) and aisle stairs shall be provided with handrails located either at the side or within the aisle width.

Exceptions:

1. Handrails are not required for ramped aisles having a gradient no greater than one unit vertical to eight units horizontal (12.5-percent slope) and seating on both sides where accessible seating is not required along either side of the aisle by Americans with Disabilities Act ("ADA").
2. Handrails are not required if, at the side of the aisle, there is a guard that complies with the graspability requirements of handrails.

**Sec. 2.2.1070. - Section 1101.2 amended is amended to read as follows:**

Section 1101.2 of the International Building Code, is amended to read as follows:

**City of Wichita Jurisdiction Only:**

*1101.2 Design.* Buildings and facilities shall be designed and constructed to be accessible in accordance with the current guidelines of the Americans with Disabilities Act ("ADA"), except as modified via this amendment pertaining to the City of Wichita jurisdiction only. The exclusion of private clubs and religious entities from accessibility requirements referenced in ADA does not apply within the City of Wichita. Accessible routes shall coincide with or be located in the same area as a general circulation path. Where the

circulation path is interior, the accessible route shall also be interior. The provisions of this section are not intended to substitute or alleviate greater levels of accessibility that may be required on projects involving governmental funding or which require approval by other governmental agencies. Nor are the provisions of this section intended to reduce or eliminate any of the provisions of the Americans with Disabilities Act as established by federal law.

Multi-unit dwellings. In Group R, Division 2 apartment buildings and townhomes where there are four or more dwelling units in a single structure, all dwelling units shall comply with the current Accessibility Guidelines of the Fair Housing Act.

*Exceptions:*

1. Subject to the approval of the building official, areas where work cannot reasonably be performed by persons having severe impairment (mobility, sight or hearing) need not provide accessibility to such persons. Approval is contingent upon receipt of a letter from the employer's Personnel Department, along with a job description and qualifications statement from the employer, adequate to show that the employer has specified that the work cannot be reasonably performed by a person having a severe impairment (mobility, sight or hearing).
2. Temporary structures, sites and equipment directly associated with the construction process such as construction site trailers, scaffolding, bridging or material hoists are not required to be accessible. This exception does not include walkways or pedestrian protection required by Chapter 33 of the International Building Code.
3. Subject to the approval of the building official, private clubs and religious entities may appeal accessibility provisions under International Building Code Section 104.10 and 104.11.

In Group A occupancies, an accessible unisex toilet room shall be provided where an aggregate of six or more male and female water closets are required. This accessible unisex toilet room is in addition to all other accessible restrooms required by the Americans with Disabilities Act ("ADA"). In buildings of mixed occupancy, only those water closets required for the Group A occupancy shall be used to determine the accessible unisex toilet room requirement.

- (a) Location. The accessible unisex toilet room shall be located on an accessible route and not located more than one story above or below separate sex toilet facilities. The accessible route from any separate sex toilet facilities to an accessible unisex toilet room shall not exceed 500 feet. Additionally, in passenger transportation facilities and airports, the accessible route from separate sex toilet facilities to an accessible unisex toilet room shall not pass through security checkpoints. If the location of the unisex restroom is not within sight of or adjacent to the separate facilities, then provide signage indicating the location of the unisex facility.
- (b) Clear floor space. When doors swing into an accessible unisex toilet room, a clear floor space not less than 30 inches by 48 inches shall be provided, within the room,

beyond the area of the door swing. The wheelchair turning space as required by Section 304.3 of the Americans with Disabilities Act ("ADA") shall be maintained without reduction.

#### **Sec. 2.2.1080. - Accessible unisex toilet room in Group A.**

##### **City of Wichita Jurisdiction Only:**

In Group A occupancies, an accessible unisex toilet room shall be provided where an aggregate of six or more male and female water closets are required. This accessible unisex toilet room is in addition to all other accessible restrooms required by the Americans with Disabilities Act ("ADA"). In buildings of mixed occupancy, only those water closets required for the Group occupancy shall be used to determine the accessible unisex toilet room requirement.

(a) *Location.* The accessible unisex toilet room shall be located on an accessible route and not located more than one story above or below separate sex toilet facilities. The accessible route from any separate sex toilet facilities to an accessible unisex toilet room shall not exceed 500 feet. Additionally, in passenger transportation facilities and airports, the accessible route from separate sex toilet facilities to an accessible unisex toilet room shall not pass through security checkpoints.

(b) *Clear floor space.* When doors swing into a accessible unisex toilet room, a clear floor space not less than 30 inches by 48 inches shall be provided, within the room, beyond the area of the door swing. The wheelchair turning space as required by Section 4.2.3 of the Americans with Disabilities Act ("ADA") shall be maintained without reduction.

(c) *Required fixtures.* The accessible unisex toilet room shall include only one water closet and one lavatory.

#### **Sec. 2.2.1140. - Parking space design is amended to read as follows:**

##### **City of Wichita Jurisdiction Only**

Parking Space Design. Effective on or after January 1, 2006 for building permits reviewed and issued for new construction projects/development that require or provide new parking; new, expanded or re-constructed parking lots; or parking lots that are being restriped as part of a building permit, all accessible parking spaces shall be designed and installed in accordance with the "Universal Parking Design" standards, which requires all accessible parking stalls to be eleven feet wide with a five feet wide access aisle. All other ADA parking standards apply accordingly.

#### **Sec. 2.2.1150. - Section 1208. amended.**

Section 1208.2 of the International Building Code, is amended to read as follows:

*1208.2 Minimum ceiling heights.* Occupiable spaces, habitable spaces and corridors shall have ceiling height of not less than 7 feet 6 inches (2286 mm). Bathrooms, toilet rooms, kitchens, storage rooms and laundry rooms shall be permitted to have a ceiling height of not less than 7 feet (2134 mm).

Exceptions:

1. Beams or girders spaced not less than 4 feet (1219 mm) on center and projecting not more than 6 inches (152 mm) below the required ceiling height.
2. Basement rooms ceilings and other obstructions shall have clear height of not less than 6 feet 8 inches (2033 mm).
3. If any room in a building has a sloped ceiling, the prescribed ceiling height for the room is required in one-half the area thereof. Any portion of the room measuring less than 5 feet (1524 mm) from the finish floor to the ceiling shall not be included in any computation of the minimum area thereof.
4. Mezzanines constructed in accordance with Section 505.1.

**Sec. 2.2.1160. - Section 1210.2.1 amended.**

Section 1210.2.1 of the International Building Code, is amended to read as follows:

*1210.2.1 Floors.* Toilet and bathing room floors shall have a smooth, hard, nonabsorbent surface that extends upward onto the walls at least 4 inches (102 mm).

Exceptions:

1. Dwelling units.
2. Toilet rooms which are not accessible to the public and which have not more than one water closet.
3. Toilets rooms within an office space and are not accessible to the public.

**Sec. 2.2.1170. - Section 1210.2.2 amended.**

Section 1210.2.2 of the International Building Code, is amended to read as follows:

*1210.2.2 Walls.* Walls within 2 feet (610 mm) of urinals and water closets shall have a smooth, hard, nonabsorbent surface, to a height of 4 feet (1219 mm) above the floor, and except for structural elements, the materials used in such wall shall be of a type that is not adversely affected by moisture.

Exceptions:

1. Dwelling units and sleeping units.
2. Toilet rooms which are not accessible to the public and which have not more than one water closet.
3. Toilet rooms within an office space and not accessible to the public.

**Sec. 2.2.1180. - Section 1503.4 amended is amended to read as follows:**

Section 1503.4 of the International Building Code, is amended to read as follows:

*1503.4 Roof drainage, condensate drainage and waste water.* Design and installation of roof drainage systems shall comply with Article 3 of this Code and the provisions of this Section. Roofs shall be sloped a minimum of 1 unit vertical in 48 units horizontal (2-percent slope) for drainage unless designed by a licensed engineer for water accumulation. Unless roofs are sloped to drain over roof edges, primary piped roof drains or wall scuppers shall be installed at each low point of the roof. Roof drains (including primary and secondary piped drains and primary and secondary wall scuppers) shall be sized and discharged in accordance with Article 3 of this Code. The storm drainage 60-minute duration rate, based on a 100-year return (maximum rate of rainfall), for Sedgwick County has been determined by the building official to be 3.9 inches (99 mm). Roof drainage water from a building shall not be allowed to flow over public or private property, unless permitted by an approved drainage agreement or easement. Discharge from mechanical equipment condensate drains and any other waste water and roof downspouts shall not discharge onto a pedestrian walking surface. A Storm Water Quality Compliance Statement is required to be filed with the MABCD for discharges, other than storm water, that flow to storm water drainage systems.

**Sec. 2.2.1190. - Section 1503.4.1 created (formerly) is amended to read as follows:**

**Sec. 2.2.1190. - Section 1503.4.2 created.**

Section 1503.4.2 of the International Building Code, is created to read as follows:

1503.4.2 Secondary scuppers. Secondary scuppers shall be installed with a flow line 2 inches (51 mm) maximum above the low point of the roof and shall not have an opening dimension of less than 4 inches (102mm). Secondary scuppers shall be located a minimum 4 feet (1219 mm) horizontally from primary scuppers and primary piped roof drains. Conductor heads installed at the secondary wall scuppers shall include an unobstructed opening in the face of the conductor head at least equal in area to the secondary wall scupper opening and shall not have an opening dimension of less than 4 inches (102 mm), or the top of the conductor head shall be installed 2 inches (51 mm) above the low point of the roof. The flow through the primary system shall not be considered when locating and sizing scuppers.

*Exception:* For canopies draining through a perimeter gutter, into sloped gutters, and into

drains at the column, the low point of the roof shall be considered the bottom of gutter beneath the canopy. Secondary drains shall not be required to meet the 4" opening dimension and a 1" or greater height opening will be allowed provided that a Kansas

licensed engineer provide calculations per the Plumbing Code within the Unified Building and Trade Code to show that the primary and secondary drainage requirements are met.

**Sec. 2.2.1200. - Section 1503.4.2 created.**

Section 1503.4.2 of the International Building Code, is created to read as follows:

*1503.4.2 Secondary scuppers.* Secondary scuppers shall be installed with the flow line 2 inches (51 mm) maximum above the low point of the roof and shall not have an opening dimension of less than 4 inches (102 mm). Secondary scuppers shall be located minimum 4 feet (1219 mm) horizontally from primary scuppers and primary piped roof drains. Conductor heads installed at secondary wall scuppers shall include an unobstructed opening in the face of the conductor head at least equal in area to the secondary wall scupper opening and shall not have an opening dimension of less than 4 inches (102 mm), or the top of the conductor head shall be installed 2 inches (51 mm) above the low point of the roof. The flow through the primary system shall not be considered when locating and sizing scuppers.

**Sec. 2.2.1210. - Section 1603.1.9 amended.**

Section 1603.1.9 of the International Building Code, is amended to read as follows:

*1603.1.9 General special inspections requirements.* Items requiring special inspection and observations in accordance with the International Building Code shall be shown or noted on the structural plan sheets of the construction documents.

**Sec. 2.2.1220. - Section 1607.11.2.1 amended (formerly) is amended to read as follows:**

**Sec. 2.2.1220. - Section 1607.12.2.1 amended.**

Section 1607.12.2.1 of the International Building Code, is amended to read as follows:

1607.12.2.1 Flat, pitched and curved roofs. Ordinary flat, pitched and curved roofs shall be designed for the minimum live loads of 20 pounds per square foot (psf) or other controlling combinations of loads in Section 1605, which ever produces the greater load. In structures, where special scaffolding is used as a work surface for workers and materials during maintenance and repair operations, a lower roof load than specified above shall not be used unless approved by the building official. Greenhouses shall be designed for a minimum rooflive load of 12 psf (0.58 kN/m<sup>2</sup>).

**Sec. 2.2.1230. - Section 1608.2 amended is amended to read as follows:**

Section 1608.2 of the International Building Code, is amended to read as follows:

*1608.2 Ground snow loads.* The ground snow load for MABCD jurisdiction has been determined by the building official to be 15 psf (0.72 kN/m<sup>2</sup>).

**Sec. 2.2.1240. - Section 1609.3 deleted.**

**Sec. 2.2.1250. - Section 1609.3.1 amended.**

Section 1609.3.1 of the International Building Code, is amended to read as follows:

*1609.3.1 Wind speed conversion.* The fastest mile wind velocities for Wichita have been determined by the building official to be 76 mph (34 m/s).

**Sec. 2.2.1260. - Storm shelters: Scope.**

*Storm shelters: Scope.* When a room or area is represented by a manufacturer or builder as a storm shelter, or is a designated location of refuge by an owner/user of a structure, the shelter shall meet the following requirements:

1. For a shelter with less than 12 occupants, the shelter may be constructed using the provisions of the current addition of FEMA 320 "Taking Shelter From The Storm".
2. For a shelter with 12 or more occupants, the shelter shall be designed by a licensed design professional in accordance with FEMA 361 "Design And Construction Guidance Of Community Shelters," editions 1 or 2. A licensed engineer shall seal a certificate to be posted on the inside of each shelter stating it was designed in accordance with FEMA 361.
3. Storm shelters shall comply with the provisions of the Americans with Disabilities Act ("ADA").

**Sec. 2.2.1270. - Wind zone.**

The Windstorm Zone for Wichita has been determined by the building official to the Zone IV (250 mph wind speed).

**Sec. 2.2.1280. - Section 1612.1 amended is amended to read as follows:**

Section 1612.1 of the International Building Code, is amended to read as follows:

**City of Wichita Jurisdiction**

*1612.1 General.* Within any areas as established in Chapter 27.04 of the Code of the City of Wichita (Known as the "Wichita Flood Damage Prevention Code"), all new construction of buildings, structures and portions of buildings and structures, including substantial improvements and restoration of substantial damage to

buildings and structures, shall comply with the Wichita Flood Damage Prevention Code.

**Sedgwick County Jurisdiction**

The provisions of this chapter shall apply to all areas of special flood hazard within the unincorporated areas of Sedgwick County, Kansas as directed in Sedgwick County Resolution No. 14-2007, as amended, and found at Sec. 13-1, *et seq.* within the Sedgwick County Code.

**Sec. 2.2.1290. – Section 1612.2 deleted.**

Section 1612.2 of the International Building Code, is deleted.

**Sec. 2.2.1300. – Section 1612.3 deleted.**

Section 1612.3 of the International Building Code, is deleted.

**Sec. 2.2.1310. – Section 1612.4 is deleted.**

Section 1612.4 of the International Building Code, is deleted.

**Sec. 2.2.1320. – Section 1612.5 is deleted.**

Section 1612.5 of the International Building Code, is deleted.

**Sec. 2.2.1330. - Section 1613.5.3 amended (formerly) is amended to read as follows:**

**Sec. 2.2.1330. - Section 1613.3.3 amended.**

1613.3.3 Site coefficients and adjusted maximum considered earthquake spectral response acceleration parameters. The maximum considered earthquake spectral response acceleration for short periods,  $S_{ms}$ , and at I -second period,  $S_{m1}$ , for the MABCD jurisdiction has been determined by the building official to be 0.14 and 0.056 respectively.

**Sec. 2.2.1340. - Section 1701.1 amended.**

Section 1701.1 of the International Building Code, is amended to read as follows:

*1701.1 Scope.* The provisions of this chapter shall govern the quality, workmanship and requirements for materials covered. Materials of construction and tests shall conform to the applicable standards listed in this Code. No provision in this chapter shall relieve the material suppliers, material fabricators, erectors, or contractors of any responsibility to manufacture, fabricate, or construct the structure in accordance with code provisions and the construction documents.

**Sec. 2.2.1350. - Section 1702.1 amended is amended to read as follows:**

Section 1702.1 of the International Building Code, is amended to read as follows:

*1702.1 Definitions.* The following words and terms shall, for the purposes of this chapter and as used elsewhere in this Code, have the meanings shown herein.

**APPROVED AGENCY.** An established and recognized agency regularly engaged in conducting tests or furnishing inspection services, when such agency has been approved.

**APPROVED FABRICATOR.** An established and qualified person, firm or corporation approved by the building official pursuant to MABCD Unified Building & Trade Code.

**CERTIFICATE OF COMPLIANCE.** A certificate stating that materials and products meet specified standards or that work was done in compliance with approved construction documents.

**DESIGNATED SEISMIC SYSTEM.** Those architectural, electrical and mechanical systems and their components that require design in accordance with Chapter 13 of ASCE 7 and for which component importance factor,  $I_p$ , is greater than 1 in accordance

with Section 13.1.3 of ASCE 7.

**FABRICATED ITEM.** Structural, load-bearing or lateral load-resisting assemblies consisting of materials assembled prior to installation in building or structure or subjected to operations such as heat treatment, thermal cutting, cold working or reforming after manufacture and prior to installation in a building or structure. Materials produced in accordance with standard specifications referenced by this Code, such as rolled structural steel shapes, steel-reinforcing bars, masonry units and wood structural panels shall not be considered "fabricated items."

**INTUMESCENT FIRE-RESISTANT COATINGS.** Thin film liquid mixture applied to substrates by brush, roller, spray or trowel which expands into a protective foamed layer to provide fire-resistant protection of the substrates when exposed to flame or intense heat.

**INSPECTION CERTIFICATE.** An identification applied on a product by an approved agency containing the name of the manufacturer, the function and performance characteristics, and the name and identification of an approved agency that indicates that the product or material has been inspected and evaluated by an approved agency (see Section 1703.5 and "Label," "Manufacturer's designation" and "Mark").

**LABEL.** An identification applied on a product by the manufacturer that contains the name of the manufacturer, the function and performance characteristics of the product or material, and the name and identification of an approved agency and that indicates that the representative sample of the product or material has been tested and evaluated by an approved agency (see Section 1703.5 and "Inspection certificate," "Manufacturer's designation" and "Mark").

**MAIN WIND-FORCE-RESISTING SYSTEM.** An assemblage of structural elements assigned to provide support and stability for the overall structure. The system generally receives wind loading from more than one surface.

**MANUFACTURER'S DESIGNATION.** An identification applied on a product by the manufacturer indicating that a product by the manufacturer indicating that a product or material complies with a specified standard or set of rules (see also "Inspection certificate," "Label" and "Mark").

**MARK.** An identification applied on a product by the manufacturer indicating the name of the manufacturer and the function of a product or material (See also "Inspection certificate," <sup>11</sup>Label" and "Manufacturer's designation").

**MASTIC FIRE-RESISTANT COATINGS.** Liquid mixture applied to a substrate by brush, roller, spray or trowel that provides fire-resistant protection of a substrate when exposed to flame or intense heat.

**SPECIAL INSPECTION.** Inspection as herein required of the materials, installation,

fabrication, erection or placement of components and connections requiring special expertise to ensure compliance with approved construction documents and referenced standards (see Section 1704 of the International Building Code).

**SPECIAL INSPECTION, CONTINUOUS.** The full-time observation of work requiring special inspection by an approved special inspector who is present in the area where the work is being performed.

**SPECIAL INSPECTION, PERIODIC.** The part-time or intermittent observation of work requiring special inspection by an approved special inspector who is present in the area where the work has been or is being performed and at the completion of the work.

**SPECIAL INSPECTOR.** The owner, building official, and the licensed design engineer shall approve the special inspector. The inspector shall also show competent knowledge to the building official, licensed design engineer, licensed design architect, and owner for those items to receive special inspection. The special inspector shall prevent a conflict of interest by not performing testing of construction materials for which the special inspector is engaged to observe compliance.

**SPRAYED FIRE-RESISTANT MATERIALS.** Cementations or fibrous materials that are spray applied to provide fire-resistant protection of the substrates.

**STRUCTURAL OBSERVATION.** The visual observation of the structural system by a registered design professional for general conformance to the approved construction documents at significant construction stages and at completion of the structural system. Structural observation does not include or waive the responsibility for the inspection required by Section 1704 or other sections of the International Building Code.

**Sec. 2.2.1360. - Section 1704.1 amended (formerly) is amended to read as follows:**

**Sec. 2.2.1360. - Section 1704 amended.**

Section 1704 of the International Building Code, is amended to read as follows:

*1704 Special Inspections.* Where application is made for construction as described in this section, the owner or the registered design professional in responsible charge acting as the owner's agent shall employ one or more special inspectors to provide inspections during construction on the types of work listed under Section 1704. The special inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the building official, for inspection of the particular type of construction or operation requiring special inspection. These inspections are in addition to the inspections specified in Section 110 of the International Building Code.

The special inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the building official, for inspection of the particular type of construction or operation requiring special inspection. The registered design professional in responsible

charge and engineers of record involved in the design of the project are permitted to act as the approved agency, and their personnel are permitted to act as the special inspector for the work designed by them, provided those personnel meet the qualification requirements of this section to the satisfaction of the building official. The special inspector shall provide written documentation to the building official demonstrating his or her competence and relevant experience or training. Experience or training shall be considered relevant when the documented experience or training is related in complexity to the same type of special inspection activities for projects of similar complexity and material qualities. These qualifications are in addition to the qualifications specified in other sections of this Code.

*Exceptions:*

1. Special inspections are not required for work of a minor nature or as warranted by conditions in the jurisdiction as approved by the building official or as described in items 1.1 thru 1.4 listed below.
  - 1.1 Buildings and other structures, or additions to existing buildings or structures, where there is a design occupant load of less than 500 persons in any one area or room of the new construction or where the total design occupant load of the new construction is less than 1,000 persons, as calculated under Section 1004.1.
  - 1.2 New hospitals and other health care facilities or additions thereto, having surgery or emergency treatment facilities or capacity for less than 100 residential patients for the new construction area.
  - 1.3 Buildings or structures, or additions to existing buildings or structures, where the floor area of the new construction is less than 50,000 square feet, or where the height of the exterior building walls are less than 22 feet as measured from the grade plane.
  - 1.4 Conventional construction for the MABCD jurisdictional area, such as foundations supported on reinforced concrete piers into weathered shale, etc., are not required to obtain some desired or specified ksf allowable bearing.
2. Special inspections are not required for building components unless the design involves the practice of professional engineering or architecture as defined by applicable state statutes and regulations governing the professional registration and certification of engineers or building components are fabricated at an AAISC Certified Fabricator.
3. Unless otherwise required by the building official, special inspections are not required for occupancies in Group R-3 as applicable in Section 101.2 and occupancies in Group U are accessory to a residential occupancy including, but not limited to, those listed in Section 312.1.

**Sec. 2.2.1370. - Section 1704.2.3 amended.**

Section 1704.2.3 of the International Building Code, is amended to read as follows:

*1704.2.3 Statement of special inspection.* The permit applicant shall submit a statement of special inspections prepared by the registered design professional in responsible charge in accordance with Section 106.1 as a condition for permit issuance. This statement shall include a complete list of materials and work requiring special inspections by this section, the inspections to be performed and list of the individuals, approved agencies or firms intended to be retained for conducting such inspections. A building permit shall not be issued without a special inspection certificate filed. At the time of filing, all special inspections and inspections shall be identified on the special inspection certificate. A Certificate of Occupancy shall not be issued without a special inspection certificate completed by the licensed design professional and approved by the building official.

Exceptions:

1. A statement of special inspections is not required for structures designed and constructed in accordance with the conventional construction provisions of Section 2308.
2. The statement of special inspections is permitted to be prepared by a qualified person approved by the building official for construction not designed by a registered design professional.

#### **Sec. 2.2.1380. - Duties and responsibilities of the special inspector.**

The special inspector shall observe the work assigned for conformance to approved design drawings, specifications and code provisions. The special inspector shall observe the material testing by representatives of commercial laboratories and determine if the testing is being performed in accordance with applicable testing standards, procedures and frequencies. Additionally, the special inspector shall observe the installation/erection of construction material and collect all material certifications and assemble observations into a report. All deficiencies shall be reported to the contractor for correction. Defective material or assemblies, if uncorrected, shall be brought to the attention of the licensed design professional and to the building official. The special inspector shall submit a final signed report stating whether work requiring special inspection was, to the best of the inspector's knowledge, in conformance to the approved plans and specifications and the applicable workmanship provisions of this Code.

#### **Sec. 2.2.1390. - Section 1704.5.2 (formerly) amended.**

Section 1705.2 of the International Building Code, is amended to read as follows:

*1705.2 Steel construction.* The special inspections for steel elements of buildings and structures shall be as required by Section 1705.2 and Table 1705.3.

Exceptions:

1. Special inspection of the steel fabrication process shall not be required where the fabricator does not perform any welding, thermal cutting or heating operation of any kind as part of the fabrication process. In such cases, the fabricator shall be required to submit a detailed procedure for material control that demonstrates the fabricator's ability to maintain suitable records and procedures such that, at any time during the fabrication process, the material specification, grade and mill test reports for the main stress-carrying elements are

capable of being determined.

2. The special inspector need not be continuously present during welding of the following items, provided the materials, welding procedures and qualifications of welders are verified prior to the start of the work; periodic inspections are made of the work in progress; and a visual inspections of all welds is made prior to completion or prior to shipment of shop welding.

2.1. Single-pass fillet welds not exceeding 5/16 inch (7.9 mm) in size.

2.2. Floor and roof deck welding.

2.3. Welded studs when used for structural diaphragm.

2.4. Welded sheet steel for cold-formed steel framing members such as studs and joists.

2.5. Welding of stairs and railing systems.

3. Special inspections are not required for Tension Indicating Bolts/Washers.

**Sec. 2.2.1400. - Section 1805.2.1 amended (formerly) is amended to read as follows:**

**Sec. 2.2.1400. - Section 1809.5 amended.**

Section 1809.5 of the International Building Code, is amended to read as follows:

*1809.5 Frost protection.* Except where otherwise protected from frost, foundations walls, piers and other permanent supports of buildings and structures shall be protected by one or more of the following methods:

- (1) Extending below the frost line of the locality. The frost line for the jurisdiction of the MABCD shall be 24 inches (610 mm) below the finish grade;
- (2) Construction in accordance with ASCE 32; and
- (3) Erecting on solid rock. Exceptions:

*Exceptions:*

Free-standing buildings meeting all of the following conditions shall not be required to be protected:

- (a) Classified in Occupancy Category I, in accordance with Section 1604.5;
- (b) Area of 600 square feet (56 m<sup>2</sup>) or less for light-frame construction or 400 square feet (37 m<sup>2</sup>) or less for other than light-frame construction; and
- (c) Have height of 10 feet (3048 mm) or less.

For other than Group R-2 and R-3 occupancies, a one-story prefabricated building not over 150 square feet (13.94 m<sup>2</sup>) in floor area and supported in an approved manner may be

attached to a building having a permanent foundation extending below the frost line. The roof and exterior walls of the prefabricated building shall be flashed in an approved manner to form a weather-tight seal between structures.

Footings shall not bear on frozen soil unless such frozen condition is of a permanent character.

**Section 2.2.1405. – Table 2902.1 amended is created to read as follows:**

Chapter 29 of the International Building Code, is amended to include the following fixture count tables and section modifications:

Table 2902.1 of the International Building Code, is amended to read as follows:

**[P] TABLE 2902.1**

**MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES<sup>a</sup>**

No.	CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS		LAVATORIES		BATHTUBS/ SHOWERS	DRINKING FOUNTAINS <sup>f, g</sup>	OTHER
				MALE <sup>e</sup>	FEMALE	MALE	FEMALE			
1	Assembly	A-1 <sup>d</sup>	Theaters and other buildings for the performing arts and motion pictures	1 per 125	1 per 65	1 per 200		_____	1 per 500	
		A-2 <sup>d</sup>	Nightclubs, bars, taverns, dance halls and buildings for similar purposes	1 per 40	1 per 40	1 per 75		_____	1 per 500	1 service sink
			Restaurants, banquet halls and food courts	1 per 75	1 per 75	1 per 200		_____	1 per 200	1 service sink
1	Assembly	A-3 <sup>d, h</sup>	Auditoriums without permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, arcades and gymnasiums	1 per 125	1 per 65	1 per 200		_____	1 per 500	
			Passenger terminals and transportation facilities	1 per 500	1 per 500	1 per 750		_____	1 per 1,000	
			Places of worship and other religious services	1 per 150	1 per 75	1 per 200		_____	1 per 1,000	

		A-4	Coliseums, arenas, skating rinks, pools and tennis courts for indoor sporting events and activities	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,520 and 1 per 60 for the remainder exceeding 1,520	1 per 200	1 per 150	_____	1 per 1,000	
		A-5	Stadiums, amusement parks, bleachers and grandstands for outdoor sporting events and activities	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,520 and 1 per 60 for the remainder exceeding 1,520	1 per 200	1 per 150	_____	1 per 1,000	
2	Business	B <sup>h</sup>	Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50	1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80			_____	1 per 100	
3	Educational	E <sup>h</sup>	Educational facilities	1 per 50	1 per 50			_____	1 per 100	
				WATER CLOSETS MALE <sup>e</sup> FEMALE		LAVATORIES MALE FEMALE		BATHTUBS /SHOWERS	DRINKING FOUNTAINS <sup>f, g</sup>	OTHER
4	Factory and industrial	F-1 <sup>h</sup> and F-2 <sup>h</sup>	Structures in which occupants are engaged in work fabricating, assembly or processing of products or materials	1 per 100		1 per 100			1 per 400	
5	Institutional	I-1	Residential care	1 per 10		1 per 10		1 per 8	1 per 100	
		I-2	Hospitals, ambulatory nursing home patients <sup>b</sup>	1 per room <sup>c</sup>		1 per room <sup>c</sup>		1 per 15	1 per 100	
			Employees, other than residential care <sup>b</sup>	1 per 25		1 per 35		_____	1 per 100	_____
			Visitors, other than residential care	1 per 75		1 per 100		_____	1 per 500	_____

		I-3	Prisons <sup>b</sup>	1 per cell	1 per cell	1 per 15	1 per 100	
		I-3	Reformatories, detention centers and correctional centers <sup>b</sup>	1 per 15	1 per 15	1 per 15	1 per 100	
			Employees <sup>b</sup>	1 per 25	1 per 35	-----	1 per 100	——
		I-4	Adult day care and child care	1 per 15	1 per 15	——	1 per 100	
6	Mercantile (see Section 2902.2, 2902.4, 2902.4.1 and 2902.4.2)	M	Retail stores, service stations, shops, salesrooms, markets and shopping centers	1 per 500	1 per 750	——	1 per 1,000	
		R-1	Hotels, motels, boarding houses (transient)	1 per sleeping unit	1 per sleeping unit	1 per sleeping unit	——	
		R-2	Dormitories, fraternities, sororities and boarding house (not transient)	1 per 10	1 per 10	1 per 8	1 per 100	
7	Residential	R-2	Apartment house	1 per dwelling unit	1 per dwelling unit	1 per dwelling unit	——	1 kitchen sink per dwelling unit; 1 automatic clothes washer connection per 20 dwelling units
	CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS MALE <sup>e</sup> FEMALE	LAVATORIES MALE FEMALE	BATHTUBS /SHOWERS	DRINKING FOUNTAINS <sup>f, g</sup>	OTHER
7	Residential	R-3	One- and two-family dwellings	1 per dwelling unit	1 per dwelling unit	1 per dwelling unit	——	1 kitchen sink per dwelling unit; 1 automatic clothes washer connection per 20 dwelling units

		R-3	Congregate living facilities with 16 or fewer persons	1 per 10	1 per 10	1 per 8	1 per 100	1 service sink
		R-4	Residential care/assisted living facilities	1 per 10	1 per 10	1 per 8	1 per 100	
8	Storage	S-1 <sup>h</sup> S-2 <sup>h</sup>	Structures for the storage of goods, warehouses, storehouses and freight depots, low and moderate hazard	1 per 100	1 per 100		1 per 1,000	

- a. The fixtures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated. The number of occupants shall be determined by this code amendment.
- b. Toilet facilities for employees shall be separate from facilities for inmates or care recipients.
- c. A single-occupant toilet room with one water closet and one lavatory serving not more than two adjacent patient rooms shall be permitted where such room is provided with direct access from each patient room and with provisions for privacy.
- d. The occupant load for seasonal outdoor seating and entertainment areas shall be included when determining the minimum number of facilities required.
- e. Where urinals are provided, one water closet less than the number specified may be provided for each urinal installed, except the number of water closets in such cases shall not be reduced to less than one half of the minimum specified.
- f. Drinking fountains are only required for a business having more than 15 employees. Where drinking water is available at a breakroom or where a bottled water cooler is provided, then either may be substituted for a drinking fountain.
- g. Fixtures located in adjacent buildings under the ownership or control of the church, business, educational, factory/industrial, mercantile, or storage occupancy shall be made available during period the church, business, educational, factory/industrial, mercantile, or storage occupancy is occupied. The fixtures shall be located within 500 ft. of the building

**\*Sec. 2.2.1407. -Section 2902.2 amended is created to read as follows:**

Section 2902.2 of the International Building Code, is amended to read as follows:

*Separate facilities.* Where plumbing fixtures are required, separate facilities shall be provided for each sex.

*Exceptions:*

- 1. Separate facilities shall not be required for dwelling units and sleeping units.
- 2. Separate employee facilities shall not be required in occupancies in which 15 or less are employed.
- 3. Separate men's and women's restroom facilities shall not be required in dining and/or drinking establishments when the seating capacity is 19 or less.

\*Under consideration for future changes to the amendment.

**Sec. 2.2.1408. – Section 2902.3 amended is created to read as follows:**

Section 2902.3 of the International Building Code, is amended to read as follows:

*Required public toilet facilities.* Customers, patrons and visitors shall be provided with public toilet facilities for outdoor activities classified as a Group "A" occupancy or

structures and tenant spaces intended for public assembly, educational and institutional uses. The accessible route to public facilities shall not pass through kitchens, storage rooms, closets or similar spaces. The number of plumbing fixtures located within the required toilet facilities shall be provided in accordance with Section 2902.1 for all users. Employee toilet facilities shall either be separate or combined employee and public toilet facilities.

*Exception:*

Public toilet facilities shall not be required in open or enclosed parking garages. Toilet facilities shall not be required in parking garages where there are no parking attendants.

**Sec. 2.2.1410. – Section 3001.3 amended.**

Section 3001.3 of the International Building Code, is amended to read as follows:

*3001.3 Accessibility.* Passenger elevators required to be accessible by the Americans with Disabilities Act ("ADA" or "the Act") shall be accessible.

**\*Sec. 2.2.1420 - Section 3002.3 amended is amended to read as follows:**

Section 3002.3 of the International Building Code, is amended to read as follows:

*3002.3 Emergency signs.* An approved pictorial sign of a standardized design shall be posted adjacent to each elevator call station on all floors instructing occupants to use the exit stairways and not to use the elevators in case of fire. The sign shall read: IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE EXIT STAIRS. The emergency sign shall not be required for elevators that are part of an accessible means of egress complying with Section 1007.4 of the International Building Code. Any signs required by the Americans with Disabilities Act Accessibility Guidelines (ADAAG) shall comply with elevator code related to raised and Braille characters and pictorial symbol signs.

\*Under consideration for future changes to amendment.

**Sec. 2.2.1430. - Section 3002.6 amended is amended to read as follows:**

Section 3002.6 of the International Building Code, is amended to read as follows:

*3002.6 Prohibited doors.* Doors, other than hoistway doors and the elevator car door, shall

be prohibited at the point of access to an elevator car. Exception: Doors may be located at the point of access to an elevator car in lieu of an elevator lobby based on the below conditions:

1. Doors shall be readily openable from the car side without a key, tool, or special knowledge or effort.
2. Doors into the corridor shall be protected with not less than an automatic-closing, 20-minute door assembly in accordance with Section 715.5.3 except that:
  - 2.1 The automatic-closing device shall be limited to an approved magnetic hold-open device released by actuation of a smoke detector or when the elevator's Firefighters Service is activated.
  - 2.2 The automatic-closing device is provided with a closing or reclosing electrical time delay of not less than 20 seconds nor more than 30 seconds.

**Sec. 2.2.1435. - Chapter 34 deleted is created to read as follows:**

Chapter 34 of the International Building Code is deleted and replaced by the 2012 International Existing Building Code to provide the framework for rehabilitation of existing and historical buildings.

**Sec. 2.2.1440. - Section J103.2 amended is amended to read as follows:**

**City of Wichita Jurisdiction**

Appendix J shall be amended to read as follows:

Section J103.2 of the International Building Code, is amended to read as follows:

J 103.2 Exemptions. A grading permit shall not be required for the following:

1. A fill less than 1 foot (305 mm) in depth and placed on natural terrain with a slope flatter than 1 unit vertical in 5 units horizontal (20 per cent slope), or less than 3 feet (914 mm) in depth that does not exceed 50 cubic yards (38.3 m<sup>3</sup>) on any one lot and does not obstruct a drainage course.
2. Excavation for construction of a structure permitted under this Code.
3. Cemetery graves.
4. Refuse disposal site controlled by other regulations.
5. Excavations for wells, or trenches for utilities.

6. Mining, quarrying, excavating, processing or stockpiling rock, sand, gravel, aggregate or clay controlled by other regulations, provided such operations do not affect the lateral support of, or significantly increase stresses in, soil on adjoining properties.
  
8. Exploratory excavations performed under direction of a registered design professional. Exemption from the permit requirements of this appendix shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this Code or any other laws or ordinances of this jurisdiction.

**Sedgwick County Jurisdiction.**

Appendix J is deleted.