

Passed: Dec. 8, 2015
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ORDINANCE NO. 2258

AN ORDINANCE AMENDING CHAPTER 15.12 OF THE DERBY MUNICIPAL CODE, PROVIDING FOR ADOPTION BY REFERENCE OF THE 2006 INTERNATIONAL BUILDING CODE, WITH CERTAIN AMENDMENTS THERETO, PERTAINING TO THE DESIGN, CONSTRUCTION, QUALITY OF MATERIALS, ERECTION, INSTALLATION ALTERATION, REPAIR, LOCATION, RELOCATION, REPLACEMENT, ADDITION TO, AND USE OR MAINTENANCE OF STRUCTURES; REPEALING ORIGINAL CHAPTER 15.12 OF THE DERBY MUNICIPAL CODE AND FURTHER REPEALING ALL CONFLICTING ORDINANCES OR PARTS THEREOF.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF DERBY, KANSAS:

Section 1. Chapter 15.12 – International Building Code is hereby amended to read as follows:

“Chapter 15.12 – INTERNATIONAL BUILDING CODE

Sections:

15.12.010 - Adoption of 2006 International Building Code.

15.12.020 - Amendments to the 2006 International Building Code.

15.12.010 Adoption of 2006 International Building Code.

The 2006 International Building Code, excluding its several appendices (the "IBC"), a uniform code prepared by the International Code Council, Inc., 5203 Leesburg Pike, Suite 708, Falls Church, Virginia, 22041, is hereby adopted by reference and incorporated as an ordinance of the City of Derby, Kansas, except as specific provisions thereof are hereby amended or repealed. One copy of the IBC shall be marked or stamped "Official Copy," with all deleted or amended sections or portions thereof clearly marked to show such modification, and to which shall be attached a copy of this ordinance. Such copy shall be filed with the City Clerk and shall be open and available for public inspection at all reasonable hours.

15.12.020 Amendments to the 2006 International Building Code.

The following sections of the IBC are hereby amended or repealed as hereinafter set forth:

- a. Subsection 101.1 of the IBC is hereby amended to read as follows:

101.1 Title.

These regulations shall be known as the Building Code of the City of Derby, Kansas (“City”), and may be hereinafter referred to as “this code.”

- b. Subsection 101.4.1 of the IBC is hereby amended to read as follows:

101.4.1 Electrical.

Whenever used in the Building Code, the term “ICC Electrical Code” shall be construed to mean the currently adopted City of Derby, Kansas electric code, which shall apply to the installation, alteration, repair, and replacement of electrical systems, equipment, appliances, fixtures, fittings and appurtenances thereto.

- c. Subsection 101.4.3 of the IBC is hereby amended to read as follows:

101.4.3 Mechanical.

Whenever used in the Building Code, the term “International Mechanical Code” shall be construed to mean the current City of Derby, Kansas mechanical code, which shall apply to the installation, alteration, repair, and replacement of mechanical systems, equipment, appliances, fixtures, fittings and appurtenances, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators, and other energy-related systems.

- d. Subsection 101.4.4 of the IBC is hereby amended to read as follows:

101.4.4 Plumbing.

Whenever used in the IBC, the term “International Plumbing Code” shall be construed to mean the current City of Derby, Kansas plumbing code, which shall apply to the installation, alteration, repair, and replacement of plumbing systems, equipment, appliances, fixtures, fittings and appurtenances; all aspects of medical gas systems; and all private sewage disposal systems.

- e. Subsection 101.4.6 of the IBC is hereby amended to read as follows:

101.4.6 Fire prevention.

Whenever used in the Building Code, the term “International Fire Code” shall be construed to mean the current City of Derby, Kansas fire code, which shall apply to

matters affecting or relating to protection of structures, processes and premises from fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

f. Subsection 102.6 of the IBC is hereby amended to read as follows:

102.6 Existing structures.

The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code or the International Fire Code, or when application of this code is deemed necessary by the building official for the safety and welfare of the occupants and the public.

g. Subsection 103.3 of the IBC is hereby amended to read as follows:

103.3 Deputies.

In accordance with procedures prescribed by the City of Derby, Kansas, 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, plan examiners and other employees. Such employees shall have those powers delegated by the building official.

h. Subsections 105.1.1 and 105.1.2 of the IBC are hereby deleted.

i. Subsection 105.2 of the IBC is hereby amended to read as follows:

105.2 Work exempt from permit.

An exemption from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of the City. Building permits shall not be required for the following:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11 m²).
2. Oil derricks.
3. Retaining walls that are not over 4 feet (1,219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.
4. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18,925 L) and the ratio of height to diameter or width does not exceed 2:1.
5. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or story below and are not part of an accessible route.

6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Temporary motion picture, television and theater stage sets and scenery.
8. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18,925 L) and are installed entirely above ground.
9. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
10. Swings and other playground equipment accessory to detached one- and two-family dwellings.
11. Window awnings supported by an exterior wall that do not project more than 54 inches (1,372 mm) from the exterior wall and do not require additional support of Group R-3 and U occupancies.
12. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1,753mm) in height.
13. Interior platforms not over 200 square feet (18.58 m²) in area, nor more than 30 inches (762 mm) above the adjacent floor.
14. Exterior decks, 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.
16. Repair or replacement roofing or siding materials not exceeding 400 square feet (37.16 m²).
17. Repair or replacement of interior gypsum wallboard on non-fire rated walls or ceiling when the total area does not exceed 100 square feet (9.29 m²), and provided that no framing, electrical, mechanical or plumbing changes are made.

j. Subsection 107.3 of the IBC is hereby amended to read as follows:

107.3 Temporary power.

The building official is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the National Electric Code.

k. Subsections 109.3.3 and 109.3.7 of the IBC are hereby deleted.

l. Subsection 109.3.10 of the IBC is hereby amended to read as follows:

109.3.10 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 or the holder of the building permit or their duly authorized agent shall submit a letter of credit, check, or bond in the amount of 125% of the cost of the landscaping to the City before a final inspection approval will be issued to the above persons. The building shall not be occupied prior to obtaining final inspection approval.

m. Subsections 112.1, 112.2 and 112.3 of the IBC are hereby deleted.

n. Subsection 113.4 of the IBC is hereby amended to read as follows:

113.4 Penalties.

Any person or entity who violates a provision of this code, fails to comply with any of the requirements thereof; or erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or a directive of the building official or of a permit or certificate issued under the provisions of this code shall be guilty of a Class C violation, punishable by a fine of not more than five hundred dollars (\$500) or by imprisonment not exceeding thirty (30) days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate violation.

o. Subsection 305.2 of the IBC is hereby amended to read as follows:

305.2 Day care.

The use of a building or structure, or portion thereof for educational, supervision or personal care services for more than ten children older than 2 1/2 years of age, shall be classified as Group E occupancy.

p. Section 308.2 of the IBC is hereby amended to read as follows:

308.2 Group I-1.

This occupancy shall include buildings, structures or parts thereof housing more than 16 persons, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment that provides personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff. This group shall include, but not be limited to, the following:

1. Residential board and care facilities
2. Assisted living facilities
3. Halfway houses
4. Group homes
5. Congregate care facilities
6. Social rehabilitation facilities
7. Alcohol and drug centers
8. Convalescent facilities

Any of the above having 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. A facility such as above, housing at least 11 and not more than 16 persons, shall be classified as Group R-4.

q. Subsection 308.5 of the IBC is hereby 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.

r. Subsection 308.5.1 of the IBC is hereby 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 A-3.

s. Section 308.5.2 of the IBC is hereby amended to read as follows:

308.5.2 Child care facility.

A facility that provides supervision and personal care on less than a 24-hour basis for more than ten children 2.5 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 2.5 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.

t. Section 310.1 of the IBC is hereby amended to read as follows:

310.1 Residential Group R.

Residential Group R includes, among others, the use of a building or structure, or a portion thereof, for sleeping purposes when not classified as an Institutional Group I or

when not regulated by the International Residential Code in accordance with Section 101.2. Residential occupancies shall include the following: R-1 Residential occupancies containing sleeping units where the occupants are primarily transient in nature, including:

1. Boarding houses (transient)
2. Hotels (transient)
3. Motels (transient)
4. R-2 Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature, including:
 - a. Apartment houses
 - b. Boarding houses (not transient)
 - c. Convents
 - d. Dormitories
 - e. Fraternities and sororities
 - f. Hotels (nontransient)
 - g. Monasteries
 - h. Motels (nontransient)
 - i. Vacation timeshare properties

Congregate living facilities with 16 or fewer occupants are permitted to comply with the construction requirements for Group R-3. 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:

- a. Buildings that do not contain more than two dwelling units.
- b. Adult facilities that provide accommodations for ten or fewer persons of any age for less than 24 hours.
- c. Child care facilities that provide accommodations for ten or fewer persons of any age for less than 24 hours.
- d. Congregate living facilities with 16 or fewer persons.
- e. Adult and child care facilities that are within a single-family home are permitted to comply with the International Residential Code.

R-4 Residential occupancies shall include buildings arranged for occupancy as residential care/assisted living facilities including more than ten but not more than 16 occupants, excluding staff. Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3, except as otherwise provided for in this code, or shall comply with the International Residential Code.

- u. Subsection 406.1.4 of the IBC is hereby amended to read as follows:

406.1.4 Separation.

Separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than a 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors or solid or honeycomb core steel doors not less than 13/8 inches (34.9

- mm) thick, or doors in compliance with Section 715.4.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted
2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
 3. A separation is not required between a Group R-3 and a carport, provided the carport is entirely open on two or more sides and there are not enclosed areas above.

v. Subsection 406.2.2 of the IBC is hereby amended to read as follows:

406.2.2 Clear height.

The clear height of each floor level in vehicle and pedestrian traffic areas shall not be less than 7 feet (2,134 mm). Vehicle and pedestrian areas accommodating van-accessible parking required by the guidelines of the American's with Disabilities Act (ADA) must have a minimum clear height of 98 inches (2,489 mm) to and each level accommodating van accessible parking and meet all provisions of the ADA Accessibility Guideline (ADAAG) 4.6.5.

w. Subsection 406.2.7 of the IBC is hereby amended to read as follows:

406.2.7 Mixed separation.

A repair garage shall not be located within, or attached to, a building occupied for any other purpose, unless separated from the other occupancies as prescribed in Section 508.3. Such separation shall be continuous and un-pierced, except for openings leading to salesrooms, storage areas, or offices, operated in connection with such garages, and provided such openings are equipped with fire assemblies conforming to the requirements of Chapter 7.

Exception: Storage areas, administrative and clerical offices, waiting rooms and similar rooms that do not exceed twenty-five percent (25%) of the floor area of the repair facility.

x. Subsection 406.3.4 of the IBC is hereby amended to read as follows:

406.3.4 Uses.

Mixed uses shall be allowed in the same building as an open parking garage subject to the provisions of Sections 508.3, 402.7.1, 406.3.13, 509.3, 509.4 and 509.7.

Exception: The grade-level tier may contain an office, waiting room, and toilet rooms having a total combined area of not more than 1,000 sq. ft. (93m²). Such areas need not be separated from the open parking garage.

y. Subsection 408.3.1 of the IBC is hereby 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 (711 mm).

z. Subsection 412.2.1 of the IBC is hereby amended to read as follows:

412.2.1 Exterior walls.

Exterior walls located less than 25 feet (9,144 mm) from property lines, lot lines or a public way shall have a fire-resistance rating not less than 2 hours.

aa. Subsection 412.2.3 of the IBC is hereby amended to read as follows:

412.2.3 Floor surface.

Floors shall be graded and drained to prevent water or fuel from remaining on the floor. Floor drains shall discharge through an oil separator to the sewer.

Exception: Aircraft hangars with individual lease spaces not exceeding 2,000 square feet (186 m²) each in which servicing, repairing or washing is not conducted and fuel is not dispensed shall have floors that are graded toward the door, but shall not require a separator.

ab. Subsection 507.3 of the IBC is hereby 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, A2 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 (18 288 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 Group A and E 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 occupancies shall not exceed the maximum allowable area permitted in Section 503.1; and
 - 3.3. All required exits shall discharge directly to the exterior.
- ac. Table 508.2 of the IBC is hereby amended to read as follows:

TABLE 508.2
INCIDENTAL USE AREAS

ROOM OR AREA	SEPARATION
Furnace room where largest piece of equipment is over 400,000 BTU per hour input	1 hour or provide automatic fire-extinguishing system
Boilers over 15 psi and 10 horsepower	1 hour or provide automatic fire-extinguishing system
Refrigerant machinery rooms	1 hour or provide automatic fire-extinguishing system
Automotive parking garage in other than Group R-3	2 hours
Incinerator rooms	2 hours and automatic sprinkler system
Paint shops, not classified as a Group H, located in occupancies other than Group F	2 hours; or 1 hour and provide automatic fire-extinguishing systems
Laboratories and vocational shops, not classified as Group H, located in Group E and 1-2 occupancies	1 hour or provide automatic fire-extinguishing system
Laundry rooms over 100 square feet	1 hour
Group 1-3 padded cells	1 hour
Waste and linen collection room over 100 square feet	1 hour
Stationary lead-acid battery systems having a liquid capacity of more than 100 gallons used for facility standby power, emergency	1-hour fire barriers and floor-ceiling assemblies in Group B, F, H, M, S and U occupancies. 2-hour fire barriers and floor-ceiling

power or uninterrupted power supplies	assemblies in Group A, E, I and R occupancies
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For SI: 1 square foot=0.0929 m², 1 pound per square inch=6.9 kPa, 1 British thermal unit per hour=0.293 watts, 1 horsepower=746 watts, 1 gallon=3.785 L.

ad. Table 601 of the IBC is hereby amended to read as follows:

**TABLE 601
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (hours)**

BUILDING ELEMENT	TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
	A	B	A ^a	B	A ^a	B	HT	A ^a	B
Structural frame ^a	3 ^b	2 ^b	1	0	1	0	HT	1	0
Bearing walls									
Exterior ^b	3	2	1	0	2	2	2	1	0
Interior	3 ^b	2 ^b	1	0	1	0	1/HT	1	0
Nonbearing walls and partitions	See Table 602								
Exterior									
Nonbearing walls and partitions	0	0	0	0	0	0	See Section 602.4.6	0	0
Interior ^d									
Floor construction	2	2	1	0	1	0	HT	1	0
Including supporting beams and joists									
Roof construction	1 1/2 ^c	1 ^{c,d}	1 ^{c,d}	0 ^{c,d}	1 ^{c,d}	0 ^{c,d}	HT	1 ^{c,d}	0
Including supporting beams and joists									

For SI: 1 foot = 304.8 mm.

- a. The structural frame shall be considered to be the columns and the girders, beams, trusses and spandrels having direct connections to the columns and bracing members designed to carry gravity loads. The members of floor or roof panels which have no connection to the columns shall be considered secondary members and not a part of the 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 a 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 the 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:

1. The canopy is open on three or more sides and is not more than 1000 square feet (92.90m²).
2. Canopy structures shall not be located in areas where building openings are prohibited or openings are required to be protected by Table 602.
3. 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.
4. Exterior walls adjacent to the canopy shall be protected with not less than 1-hour fire resistive construction from grade to a point 10 feet (3048 mm) above the canopy roof. Unprotected openings are permitted in the adjacent walls below the roof structure unless required elsewhere.

ae. Subsection 704.2 of the IBC is hereby amended to read as follows:

704.2 Projections. Cornices, eave overhangs, exterior balconies and similar projections extending beyond the floor area shall conform to the requirements of this section and Section 1406. Exterior egress balconies and exterior exit stairways shall also comply with Sections 1014.5 and 1023.1, respectively. Projections shall be no closer than 5 feet (1524 mm) to the property line or the assumed property line.

af. Subsection 704.11 of the IBC is hereby amended to read as follows:

704.11 Parapets.

Parapets shall be provided on exterior walls of buildings.

Exceptions: A parapet need not be provided on an exterior wall where any of the following conditions exist:

1. The wall is not required to be fire-resistance rated in accordance with Table 602 because of fire separation distance.
2. The building has an area of not more than 1,000 square feet (93 m²) on any floor.
3. Walls that terminate at roofs of not less than 2-hour fire-resistance-rated construction or where the roof, including the deck and supporting construction, is constructed entirely of noncombustible materials.
4. One-hour fire-resistance-rated exterior walls that terminate at the underside of the roof sheathing, deck or slab, provided:
 - 4.1. Where the roof/ceiling framing elements are parallel to the walls, such framing and elements supporting such framing shall not be of less than 1-hour fire-resistance-rated construction for a width of 4 feet (1,220 mm) for Groups R and U and 10 feet (3048 mm) for other occupancies, measured from the interior side of the wall.
 - 4.2. Where roof/ceiling framing elements are not parallel to the wall, the entire span of such framing and elements supporting such framing shall not be of less than 1-hour fire-resistance-rated construction.
 - 4.3. Openings in the roof shall not be located within 5 feet (1,524 mm) of the 1-hour fire-resistance rated exterior wall for Groups R and U and 10 feet (3048 mm) for other occupancies, measured from the interior side of the wall.
 - 4.4. The entire building shall be provided with not less than a Class B roof covering.
5. In Groups R-2 and R-3 where the entire building is provided with a Class C roof covering, the exterior wall shall be permitted to terminate at the underside of the roof sheathing or deck in Type III, IV and V construction, provided:
 - 5.1. The roof sheathing or deck is constructed of approved noncombustible materials or of fire-retardant-treated wood for a distance of 4 feet (1,220 mm); or
 - 5.2. The roof is protected with 0.625-inch (16 mm) Type X gypsum board directly beneath the underside of the roof sheathing or deck, supported by a minimum of nominal 2-inch (51 mm) ledgers attached to the sides of the roof framing members for a minimum distance of 4 feet (1,220 mm).
6. Where the wall is located no closer than 5 feet (1,524 mm) to the property line or assumed property line.

ag. Subsection 705.1 of the IBC is hereby amended to read as follows:

705.1 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 this code may be increased in length by not more than 25 percent (25%) of the length of the existing wall, not to exceed thirty (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, the firewall may be constructed in accordance with the provision of a two-hour fire barrier per Section 706. If no firewall 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 firewall.

ah. Subsection 706.5 of the IBC is hereby amended to read as follows:

706.5 Continuity.

Fire barriers shall extend from the top of the floor/ceiling assembly below to the underside of the floor or roof slab or deck above and shall be securely attached thereto. Such fire barriers shall be continuous through concealed spaces, such as the space above a suspended ceiling. The supporting construction for fire barrier walls shall be protected to afford the required fire-resistance rating of the fire barrier supported, except for 1-hour fire-resistance-rated incidental use area separations as required by Table 508.2 in buildings of Type IIB, IIIB and VB construction. Hollow vertical spaces within a fire barrier shall be fireblocked in accordance with Section 717.2 at every floor level.

Exceptions:

1. The maximum required fire-resistance rating for assemblies supporting fire barriers separating tank storage as provided for in Section 415.6.2.1 shall be 2 hours, but not less than required by Table 601 for the building construction type.
2. Shaft enclosures shall be permitted to terminate at a top enclosure complying with Section 707.12.
3. Protection of supporting construction of a fire barrier required to extend through a concealed space of an exterior architectural element is not required where the use below is transient in nature and has little or no impact to fire loading.

ai. Sub-section 715.5.7.2 of the IBC is hereby amended to read as follows:

715.5.7.2 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 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 Section 715.4.7 and 715.4.7.1.

aj. Sub-section 901.1 of the IBC is hereby amended to read as follows:

901.1 Scope

The provisions of this chapter shall specify where fire protection systems are required and shall apply to the design, installation and operation of fire protection systems. Where buildings, or portions thereof, are divided into fire areas so as not to exceed the limits established for requiring a fire protection system in accordance with this chapter, such fire areas shall be separated by fire barriers having a fire-resistance rating of not less than that determined in accordance with Table 508.3.3 and Section 706.

Exception: Buildings constructed prior to the adoption of the 2006 Edition of the International Building Code may have a non-conforming fire area increased by not more than 10 percent of the fire area limitation, for the occupancy classification, as specified under Section 903.2. All additions to the fire area shall be considered as accumulative and subject to the limitations of the construction type.

ak. Subsection 903.2.7 of the IBC is hereby amended to read as follows:

903.2.7 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.

Exception: Four or less individual living units in same building. Dwelling units in 3 and 4 family dwellings shall be separated from each other by a wall having not less than a

two-hour fire-resistance rating. Fire-resistance rated floor/ceiling and 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 minimum distance of two feet from the center of the wall. There shall be no penetrations through this area of the roof deck or sheathing.

Exception: Dwelling units in 3 and 4 family dwellings where buildings or portions thereof are arranged above or below adjacent units, an automatic sprinkler system shall be provided throughout all units.

al. Subsection 903.2.10.1.1 of the IBC is hereby amended to read as follows:

903.2.10.1.1 Opening dimensions and access.

Openings shall have a minimum dimension of not less than 30 inches (762 mm) in width and 48 inches 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.

am. Subsection 907.2.6.4 of the IBC is hereby amended to read as follows:

907.2.6.4 Group I-4 occupancies.

Group I-4 occupancies shall be equipped with an automatic fire alarm system with smoke detection in accordance with provisions set forth in (Current edition) NFPA 101 Life Safety Code Section 16.3.4.

an. Subsection 910.2.1 of the IBC is hereby amended to read as follows:

910.2.1 Group F-1 or S-1.

Buildings and portions thereof used as a Group F-1 or S-1 occupancy having more than 50,000 square feet (4,645 m²) in undivided area.

Exception:

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 (4,645 m²). Openings shall be provided with approved automatic or self-closing devices to ensure closure of the opening.

ao. Subsection 910.3.5 of the IBC is hereby amended to read as follows:

910.3.5 Draft curtains.

Where required by Table 910.3, draft curtains shall be provided in accordance with this section. The requirement for curtain boards in buildings designed to accommodate high-piled stock, as defined by the International Fire Code, shall be in accordance with IFC Table 3206.2.

Exception:

Where areas of buildings are equipped with ESFR sprinklers, draft curtains shall not be provided within these areas. Draft curtains shall only be provided at the separation between the ESFR sprinklers and the conventional sprinklers.

ap. Subsection 1003.5 of the IBC is hereby 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 American's with Disabilities 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 and R-3 and Groups 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 1009.3, the minimum depth of the tread is 13 inches (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 1025.11 and the aisle is provided with a handrail complying with Section 1025.13. Any change in elevation in a corridor serving nonambulatory persons in a Group I-2 occupancy shall be by means of a ramp or sloped walkway.

aq. Subsection 1006.4 of the IBC is hereby amended to read as follows:

1006.4 Illumination level under emergency power.

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 the system.

ar. Subsection 1007.1 of the IBC is hereby 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 1019.1 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress. All identified or required means of egress shall comply with the Americans with Disabilities Act (ADA) and the provisions of this code.

as. Subsection 1008.1.1 of the IBC is hereby 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 (1,219 mm) nominal. Means of egress doors in a Group I-2 occupancy used for the movement of beds shall provide a clear width not less than 41.5 inches (1,054 mm). The height of doors shall not be less than 80 inches (2,032 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 units in Group I-3 occupancies shall have a clear width of not less than 32 inches (711 mm).
3. Door openings to storage closets less than 10 square feet (0.93m²) in area shall not be limited by the minimum width.
4. Width of door leaves in revolving doors that comply with Section 1008.1.3.1 shall not be limited.
5. Door openings within a dwelling unit or sleeping unit shall not be less than 78 inches (1,981 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 (1,930 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 a minimum clear width of 32 inches (813 mm).

at. Subsection 1008.1.4 of the IBC is hereby amended to read as follows:

1008.1.4 Floor elevation.

There shall be a 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 0.25 units vertical in 12 units horizontal (2-percent slope).

Exceptions:

1. Doors serving individual dwelling units in 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 1018.2, 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 7.75 inches (197 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 serving building equipment rooms that are not normally occupied.

au. Subsection 1008.1.5 of the IBC is hereby amended to read as follows:

1008.1.5 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 (1,219 mm) and shall comply with the Americans with Disabilities Act (ADA).

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

av. Subsection 1009.2 of the IBC is hereby amended to read as follows:

1009.2 Headroom.

Stairways shall have a minimum headroom clearance of 80 inches (2,032 mm) measured vertically from a line connecting the edge of the nosings. Such headroom shall be continuous above the stairway to the point where the line intersects the landing below, one tread depth beyond the bottom riser. The minimum clearance shall be maintained the full width of the stairway and landing.

Exceptions:

1. Spiral stairways complying with Section 1009.8 are permitted a 78-inch (1981 mm) headroom clearance.
2. Stairways within an individual dwelling unit of Group R-2 and R-3 are permitted a 78-inch (1981 mm) headroom clearance.

aw. Subsection 1009.3 of the IBC is hereby amended to read as follows:

1009.3 Stair treads and risers.

Stair riser heights shall be 7 inches (178 mm) maximum and 4 inches (102 mm) minimum. Stair tread depths shall be 11 inches (279 mm) minimum. The riser height shall be measured vertically between the leading edges of adjacent treads. The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. Winder treads shall have a minimum tread depth of 11 inches (279 mm) measured at a right angle to the tread's leading edge at a point 12 inches (305 mm) from the side where the treads are narrower and a minimum tread depth of 10 inches (254 mm).

Exceptions:

1. Alternating tread devices in accordance with Section 1009.9.
2. Spiral stairways in accordance with Section 1009.8.
3. Aisle stairs in assembly seating areas where the stair pitch or slope is set, for sightline reasons, by the slope of the adjacent seating area in accordance with Section 1025.11.2.
4. In Group R-3 occupancies; within dwelling units in Group R-2 occupancies; and in Group U occupancies that are accessory to a Group R-3 occupancy or accessory to individual dwelling units in Group R-2 occupancies; the maximum riser height shall be 8 inches (197 mm); the minimum tread depth shall be 9 inches (228.6 mm); the

minimum winder tread depth at the walk line shall be 9 inches (228.6 mm); and the minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 0.75 inch (19.1 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid risers where the tread depth is less than 11 inches (279 mm).

5. See the Section 3403.4 for the replacement of existing stairways.

ax. Subsection 1009.5.1 of the IBC is hereby amended to read as follows:

1009.5.1 Stairway walking surface.

The walking surface of treads and landings of a stairway shall not be sloped steeper than one unit vertical in 50 units horizontal (2-percent slope) in any direction. Stairway treads and landings shall have a solid surface. Finish floor surfaces shall be securely attached.

Exceptions:

1. Perforated openings for drainage on exterior stairs shall not be prohibited provided a sphere with diameter of 0.1875 inches (3/16 inch; 5 mm) cannot pass through the opening.
2. In Group F, H and S occupancies, other than areas of parking structures accessible to the public, openings in treads and landings shall not be prohibited provided a sphere with a diameter of 1.125 inches (29 mm) cannot pass through the opening.

ay. Subsection 1009.10 of the IBC is hereby amended to read as follows:

1009.10 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 1025 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 less than four risers at an entrance or egress door does not require handrails.
5. Changes in room elevations of only one riser do not require handrails.

az. Subsection 1010.3 of the IBC is hereby amended to read as follows:

1010.3 Cross slope.

The slope measured perpendicular to the direction of travel of a ramp shall not be steeper than one unit vertical in 50 units horizontal (2-percent slope).

ba. Subsection 1010.6.5 of the IBC is hereby amended to read as follows:

1010.6.5 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.

bb. Subsection 1011.1 of the IBC is hereby 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. 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 (30 480 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 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 sleeping areas in occupancies in Group I-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.

bc. Subsection 1012.3 of the IBC is hereby amended to read as follows:

1012.3 Handrail graspability.

The diameter or width of the gripping surfaces of a handrail shall be 1.25 inches (32 mm) to 1.5 inches (38 mm) or the shape shall provide an equivalent gripping surface.

Exceptions:

1. Handrails within a dwelling unit and stairways serving multi-family occupancies subject to the provisions of the Fair Housing Act, but excluding common areas subject to the provisions of the Americans with Disabilities Act (“ADA”) shall meet one of the below requirements:
 - 1.1 Handrails with a circular cross section shall have an outside diameter of at least 1.25 inches (32 mm) and not greater than 2 inches (51 mm) or shall provide equivalent graspability.
 - 1.2 If the handrail is not circular, it shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6.25 inches (160 mm) with a maximum cross-section dimension of 2.25 inches (57 mm). Edges shall have a minimum radius of 0.01 inch (0.25 mm).
2. In buildings served by an accessible ramp or elevator, the handrails shall meet one of the following requirements:
 - 2.1 Handrails with a circular cross section shall have an outside diameter of at least 1.25 inches (32 mm) and not greater than 2 inches (51 mm) or shall provide equivalent graspability.
 - 2.2 If the handrail is not circular, it shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6.25 inches (160 mm) with a maximum cross-section dimension of 2.25 inches (57 mm). Edges shall have a minimum radius of 0.01 inch (0.25 mm).

bd. Subsection 1012.5 of the IBC is hereby amended to read as follows:

1012.5 Handrail extensions.

Handrails shall return to a wall, guard or the walking surface or shall be continuous to the handrail of an adjacent stair flight or ramp run. At stairways where handrails are not continuous between flights, the handrails shall extend horizontally at least 12 inches (305 mm) beyond the top riser and continue to slope for the depth of one tread beyond the bottom riser. At ramps where handrails are not continuous between runs, the handrail shall extend horizontally above the landing 12 inches (305 mm) minimum beyond the top and bottom ramps.

Exceptions:

1. Handrails within a dwelling unit and stairways serving multi-family occupancies that are not subject to the provisions of the Americans with Disabilities Act (ADA) need extend only from the top riser to the bottom riser.
2. Aisle handrails in Group A occupancies in accordance with Section 1025.13.
3. In buildings served by an accessible ramp or elevator, the handrails need to extend only from the top riser to the bottom riser.

be. Subsection 1013.1 of the IBC is hereby amended to read as follows:

1013.1 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 1607.7. 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 1607.7.

Exceptions:

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 platform 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.
6. Along vehicle service pits not accessible to the public.
7. In assembly seating where guards in accordance with Section 1025.14 are permitted and provided.
8. At window wells a protective cover designed to a minimum of 20 pounds per square foot (0.96 KN m²) 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.

bf. Subsection 1017.1 of the IBC is hereby amended to read as follows:

1017.1 Construction.

Corridors shall be fire-resistance rated in accordance with Table 1017.1. 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 an 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 3/8 inches (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.

bg. Subsection 1019.1 of the IBC is hereby amended to read as follows:

SECTION 1019 NUMBER OF EXITS AND EXIT CONFIGURATION

1019.1 General.

Each story and occupied roof shall have the minimum number of exits, or access to exits, as specified in this section. The required number of exits, or exit access stairways or ramps providing access to exits, from any story shall be maintained until arrival at grade or a public way.

Exits or access to exits from any story shall be configured in accordance with this section. Each story above the second story of a building shall have a minimum of one interior or exterior exit stairway, or interior or exterior exit ramp. At each story above the second story that requires a minimum of three or more exits, or access to exits, a minimum of 50 percent of the required exits shall be interior or exterior exit stairways, or interior or exterior exit ramps.

Exceptions:

1. Interior exit stairways and interior exit ramps are not required in open parking garages where the means of egress serves only the open parking garage.
2. Interior exit stairways and interior exit ramps are not required in outdoor facilities where all portions of the means of egress are essentially open to the outside.

bh. Subsection 1019.2 of the IBC is hereby amended to read as follows:

1019.2 Exits from stories.

Two exits, or exit access stairways or ramps providing access to exits, from any story or occupied roof shall be provided where one of the following conditions exists:

1. The occupant load or number of dwelling units exceeds one of the values in Table 1019.2(1) or 1019.2(2).

2. The exit access travel distance exceeds that specified in Table 1019.2(1) or 1019.2(2) as determined in accordance with the provisions of Section 1016.1.

3. Helistop landing areas located on buildings or structures shall be provided with two exits, or exit access stairways or ramps providing access to exits.

Exceptions:

1.1. Rooms, areas and spaces complying with Section 1015.1 with exits that discharge directly to the exterior at the level of exit discharge are permitted to have one exit.

1.2. Group R-3 occupancy buildings shall be permitted to have one exit.

1.3. Parking garages where vehicles are mechanically parked shall be permitted to have one exit.

1.4. Air traffic control towers shall be provided with the minimum number of exits specified in Section 412.3 of the International Building Code.

1.5. Individual dwelling units in compliance with Section 1019.2.3.

1.6. Group R-3 and R-4 congregate residences shall be permitted to have one exit.

1.7. Exits serving specific spaces or areas need not be accessed by the remainder of the story when all of the following are met:

1.7.1 The number of exits from the entire story complies with Section 1019.2.4.

1.7.2 The access to exits from each individual space in the story complies with Section 1015.1; and

1.7.3 All spaces within each portion of a story shall have access to the minimum number of approved independent exits based on the occupant load of that portion of the story but not less than two exits.

TABLE 1019.2(1)
STORIES WITH ONE EXIT OR ACCESS
TO ONE EXIT FOR R-2 OCCUPANCIES

STORY	OCCUPANCY	MAXIMUM NUMBER OF DWELLING UNITS	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
Basement, first, second or third story	R-2a, b	4 dwelling units	125 feet
Fourth story and above	NP	NA	NA

For SI: 1 foot = 304.8 mm. NP – Not Permitted.

NA – Not Applicable.

a. Buildings classified as Group R-2 equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 and provided with emergency escape and rescue openings in accordance with Section 1026.

b. This table is used for R-2 occupancies consisting of dwelling units. For R-2 occupancies consisting of sleeping units, use Table 1019.2(2).

TABLE 1019.2(2)
STORIES WITH ONE EXIT OR
ACCESS TO ONE EXIT FOR OTHER
OCCUPANCIES

STORY	OCCUPANCY	MAXIMUM OCCUPANTS PER STORY	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
First story or basement	A, Bb, E, Fb, M, U, Sb	49 occupants	75 feet
	H-2, H-3	3 occupants	25 feet
	H-4, H-5, I, R-1, R-2, R-4	10 occupants	75 feet
	S	29 occupants	100 feet
Second story	B, F, M, S	29 occupants	75 feet
Third story and above	NP	NA	NA

For SI: 1 foot = 304.8 mm.

NP – Not Permitted.

NA – Not Applicable.

- a. Buildings classified as Group R-2 equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 and provided with emergency escape and rescue openings in accordance with Section 1026.
- b. Group B, F and S occupancies in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 shall have a maximum travel distance of 100 feet.
- c. This table is used for R-2 occupancies consisting of sleeping units. For R-2 occupancies consisting of dwelling units, use Table 1019.2(1).

7.2. The access to exits from each individual space in the story complies with Section 1015.1; and

7.3. All spaces within each portion of a story shall have access to the minimum number of approved independent exits based on the occupant load of that portion of the story, but not less than two exits.

- bi. Subsection 1019.2.1 of the IBC is hereby amended to read as follows:

1019.2.1 Mixed occupancies.

Where one exit, or exit access stairway or ramp providing access to exits at other stories, is permitted to serve individual stories, mixed occupancies shall be permitted to be served by single exits provided each individual occupancy complies with the applicable requirements of Table 1019.2(1) or Table 1019.2(2) for that occupancy. Where applicable, cumulative occupant loads from adjacent occupancies shall be considered in accordance with the provisions of Section 1004.1.

In each story of a mixed occupancy building, the maximum number of occupants served by a single exit shall be such that the sum of the ratios of the calculated number of

occupants of the space divided by the allowable number of occupants for each occupancy does not exceed one.

bj. Subsection 1019.2.2 of the IBC is hereby amended to read as follows:

1019.2.2 Basements.

A basement provided with one exit shall not be located more than one story below grade plane.

bk. Subsection 1019.2.3 of the IBC is hereby amended to read as follows:

1019.2.3 Single-story or multiple-story dwelling units.

Individual single-story or multiple-story dwelling units shall be permitted to have a single exit within and from the dwelling unit provided that all of the following criteria are met:

1. The dwelling unit complies with Section 1015.1 as a space with one means of egress; and
2. Either the exit from the dwelling unit discharges directly to the exterior at the level of exit discharge, or the exit access outside the dwelling unit's entrance door provides access to not less than two approved independent exits.

bl. Subsection 1019.2.4 of the IBC is hereby amended to read as follows:

1019.2.4 Three or more exits.

Three exits, or exit access stairways or ramps providing access to exits at other stories, shall be provided from any story or occupied roof with an occupant load from 501 to and including 1,000. Four exits, or exit access stairways or ramps providing access to exits at other stories shall be provided from any story or occupied roof with an occupant load greater than 1,000.

bm. Subsection of 1019.2.5 of the IBC is hereby amended to read as follows:

1019.2.5 Additional exits.

In buildings over 420 feet (128 m) in height, additional exits shall be provided in accordance with Section 403.5.2 of the International Building Code.

bn. Subsection of 1019.3 of the IBC is hereby amended to read as follows:

1019.3 Exit configuration.

Exits, or exit access stairways or ramps providing access to exits at other stories, shall be arranged in accordance with the provisions of Sections 1015.2 through 1015.2.2. Exits shall be continuous from the point of entry into the exit to the exit discharge.

bo. Subsection 1025.9.1 of the IBC is hereby amended to read as follows:

1025.9.1 Minimum aisle width.

The minimum clear width for aisles shall be as shown unless greater widths are required by the provisions of ADA:

1. Forty-eight inches (1219 mm) for aisle stairs having seating on each side.

Exception: Thirty-six inches (914 mm) where the aisle serves less than 50 seats.

2. Thirty-six inches (914 mm) for aisle stairs having seating on only one side.
3. Twenty-three inches (584 mm) between an aisle stair handrail or guard and seating where the aisle is subdivided by a handrail.
4. Forty-two inches (1067 mm) for level or ramped aisles having seating on both sides.

Exceptions:

1. Thirty-six inches (914 mm) where the aisle serves less than 50 seats.
2. Thirty inches (762 mm) where the aisle does not serve more than 14 seats.
3. Thirty-six inches (914 mm) for level or ramped aisles having seating on only one side.

Exceptions:

1. Thirty inches (762 mm) where the aisle does not serve more than 14 seats.
2. Twenty-three inches (584 mm) between an aisle stair handrail and seating where an aisle does not serve more than five rows on one side.

bp. Subsection 1025.13 of the IBC is hereby amended to read as follows:

1025.13 Handrails.

Ramped aisles having a slope exceeding one unit vertical in 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 in 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 the 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.

bq. Subsection 1101.2 of the IBC is hereby amended to read as follows:

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 by this chapter. The exclusion of private clubs and religious entities from accessibility requirements referenced in ADA does not apply. 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 (ADA) as established by Federal law.

Exceptions:

1. Floors or portions not customarily occupied, including, but not limited to, elevator pits, observation galleries used primarily for security purposes, elevator penthouses, nonoccupiable spaces accessed only by ladders, catwalks, crawl spaces or freight elevators, and equipment catwalks, machinery, mechanical and electrical equipment rooms.
 2. 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).
 3. 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.
 4. Subject to the approval of the building official, private clubs and religious entities may appeal accessibility provisions under City of Derby ordinances.
Side reach range. If the clear space allows for a parallel approach by a person in a wheelchair, the maximum high side reach allowed shall be 48 inches (1220 mm) and the low side reach shall be no less than 15 inches (380 mm) above the floor.
Water closet flush controls. Flush controls for water closets shall be automatic and mounted on the wide side of toilet areas no more than 44 inches (1120 mm) above the floor.
- br. Subsections 1104.1 through 1104.6 of the IBC are hereby deleted.
- bs. Subsections 1105.1 through 1105.1.6 of the IBC are hereby deleted.
- bt. Subsections 1106.1 through 1106.7.3 of the IBC are hereby deleted.
- bu. Subsections 1107.1 through 1107.7.5 of the IBC are hereby deleted.

- bv. Subsections 1108.1 through 1108.4.3.2 of the IBC are hereby deleted.
- bw. Subsections 1109.1 through 1109.14.4.4 of the IBC are hereby deleted.
- bx. Subsection 1208.2 of the IBC is hereby amended to read as follows:

1208.2 Minimum ceiling heights.

Occupiable spaces, habitable spaces and corridors shall have a 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 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.

- by. Subsection 1210.1 of the IBC is hereby amended to read as follows:

1210.1 Floors.

In other than dwelling units, toilet and bathing room floors shall have a smooth, hard, nonabsorbent surface that extends upward onto the walls at least 4 inches (152 mm).

Exceptions:

1. Dwelling units.
2. Toilet rooms 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.

- bz. Subsection 1210.2 of the IBC is hereby amended to read as follows:

1210.2 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 walls shall be of a type that is not adversely affected by moisture.

Exceptions:

1. Dwelling units and sleeping units.
 2. Toilet rooms that are not accessible to the public and which have not more than one water closet. Accessories such as grab bars, towel bars, paper dispensers and soap dishes, provided on or within walls, shall be installed and sealed to protect structural elements from moisture.
 3. Toilet rooms within an office space and not accessible to the public.
- ca. Subsections 1301.1 and 1301.1.1 of the IBC are hereby deleted.
- cb. Sub-section 1603.1.8 of the IBC is hereby amended to read as follows:

1603.1.8 General special inspections requirements.

Items requiring special inspection and observations in accordance with Chapter 17 of this code shall be shown or noted on the structural plan sheets of the construction documents.

- cc. Subsection 1607.11.2.1 of the IBC is hereby amended to read as follows:

1607.11.2.1 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 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 roof live load of 12 psf (0.58 kN/m²).

- cd. Subsection 1608.2 of the IBC is hereby amended to read as follows:

1608.2 Ground snow loads.

The ground snow load for the City of Derby, Kansas has been determined by the building official to be 15psf (0.72kN/m²).

- ce. Subsection 1609.3 of the IBC is hereby amended to read as follows:

1609.3 Basic wind speed.

The basic wind speed (3-second gust wind speed) for the City of Derby, Kansas has been determined by the building official to be 90 mph (40 m/s).

- cf. Subsection 1609.3.1 of the IBC is hereby amended to read as follows:

1609.3.1 Wind speed conversion.

The highest wind velocity for the City has been determined by the building official to be 76 mph (34 m/s).

cg. Subsection 1613.5.3 of the IBC is hereby amended to read as follows:

1613.5.3 Site coefficients and adjusted maximum considered earthquake spectral response acceleration parameters.

The maximum considered earthquake spectral response acceleration for short periods, S_s , and at 1-second period, S_{m1} , for Wichita has been determined by the building official to be 0.14 and 0.056 respectively.

ch. Chapter 16 of the IBC is hereby amended by addition of new section 1614:

1614. Storm shelters:

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 current addition of FEMA 361 "Design And Construction Guidance Of Community Shelters". 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 ADA.

ci. Subsection 1704.1 of the IBC is hereby amended to read as follows:

1704.1 General.

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 an engineer or architect licensed in the state of Kansas. These inspections are in addition to the inspections specified in Section 109.

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.
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 architects.

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 that are accessory to a residential occupancy including, but not limited to, those listed in Section 312.1.

cj. Subsection 1805.2.1 of the IBC is hereby amended to read as follows:

1805.2.1 Frost protection.

Except where otherwise protected from frost, foundation 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 City of Derby, Kansas shall be 24 inches (610 mm) below the finish grade
2. Constructing in accordance with ASCE 32; or
3. Erecting on solid rock.

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

1. Classified in Occupancy Category I, in accordance with Section 1604.5;
2. 400 square feet (37.16 m²) or less in area of for light-frame construction; and
3. Eave height of 10 feet (3048 mm) or less. Footings shall not bear on frozen soil unless such frozen condition is of a permanent character.

ck. Subsection 2902.2 of the IBC is hereby amended to read as follows:

2902.2 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 facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or less.
3. Separate facilities shall not be required in dining and drinking establishments when the seating capacity is 19 or less.

cl. Subsection 3001.3 of the IBC is hereby amended to read as follows:

3001.3 Accessibility.

Passenger elevators required to be accessible by the Americans with Disabilities Act (ADA) shall be accessible.

cm. Subsection 3002.3 of the IBC is hereby 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 1003.2.13.3. Any signs required by the Americans with Disabilities Act (ADA) Accessibility Guidelines (ADAAG) shall comply with ADAAG 4.30.4 relating to raised and Braille characters and pictorial symbol signs.

cn. Subsection 3002.6 of the IBC is hereby amended to read as follows:

3002.6 Prohibited doors.

Doors, other than hoist way doors and the elevator car door, shall be prohibited at the point of access to an elevator car unless such doors are readily openable from the car side without a key, tool, special knowledge or effort.

Exceptions: 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 715.1, 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.

Section 2. Invalidation of a Part

Should any section, clause, sentence, or phrase of this ordinance be found to be unconstitutional or is otherwise held invalid by any court of competent jurisdiction, such invalidity shall not affect the validity of any remaining provisions herein.

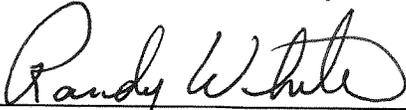
Section 3. Repeal

The original of Chapter 15.12 of the Derby Municipal Code is hereby repealed. All other provisions of the Municipal Code of the City of Derby, Kansas shall remain in full force and effect except as specifically amended herein. All other ordinances or parts of other ordinances in conflict herewith are repealed. However, any section of an existing ordinance not in conflict herewith is not repealed and remains in full force and effect.

Section 4. Effective Date

This Ordinance shall take effect and be in force from and after its passage and publication of the ordinance or a summary thereof once in the City's official newspaper as provided by State law.

PASSED by the City Council this 8th day of December, 2015 and **SIGNED** by the Mayor.



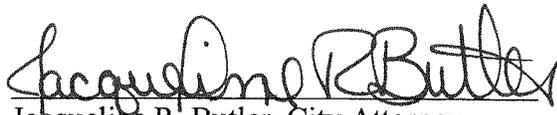
Randy White, Mayor

ATTEST:



Karen Friend, City Clerk

Approved as to form:



Jacqueline R. Butler, City Attorney