

COUNCIL BILL NO. 07-045
ORDINANCE NO. 4094

AN ORDINANCE REPEALING AND REENACTING
CHAPTER 42, FIRE PREVENTION AND PROTECTION, OF THE ARVADA CITY CODE
THROUGH ADOPTION BY REFERENCE OF THE 2006 INTERNATIONAL FIRE CODE
PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, AND ESTABLISHING
PENALTIES FOR VIOLATION THEREOF

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ARVADA, COLORADO:

Section 1. Articles I and II of Chapter 42 of the Arvada City Code are hereby repealed.

Section 2. Article I of Chapter 42, Fire Protection and Protection is hereby enacted to read as follows:

“ARTICLE I. IN GENERAL

Secs. 42-1 – 42-30. Reserved.

Section 3. Article II of Chapter 42, Fire Prevention and Protection, of the Arvada City Code is hereby enacted by adopting by reference the *2006 International Fire Code*, subject to the additions, amendments, and deletions set forth as follows:

ARTICLE II. INTERNATIONAL FIRE CODE

Sec. 42-31. Adopted.

Pursuant to Title 31, Article 16, C.R.S. and the Arvada City Charter, the *2006 International Fire Code*, including Appendices B, D, E, F, and G, published by the International Code Council, is hereby adopted by reference thereto and incorporated into the Arvada City Code. Appendices A and C are deleted.

The *2006 International Fire Code* shall be known as the “I.F.C.” or the “fire code” and may be cited and referred to as such.

Sec. 42-32. I.F.C. – Section 103.1, General.

Section 103.1, General, is hereby amended in its entirety to read as follows:

“*103.1 General.* The division of fire prevention is hereby established within the Arvada, Coal Creek, and Southwest Adams County Fire Protection Districts. Said division shall be operated under the supervision of the fire code official, who shall be known as the fire marshal. The function of the division shall be the implementation, administration, and

enforcement of the provisions of this code. In areas where there is no fire district, the chief building official shall be responsible for the implementation, administration, and enforcement of this code.”

Sec. 42-33. I.F.C. – Section 103.4.1, Legal defense.

Section 103.4.1, Legal defense, is hereby amended in its entirety to read as follows:

“103.4.1 *Legal defense*. Any suit instituted against any officer or employee of any fire protection district or of any officer or employee of the City of Arvada because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by the legal representative of the fire protection district or City by which he or she is employed until the final termination of the proceedings. The fire code official, city officer or employee, or any subordinate shall not be liable for costs in an action, suit or proceeding that is instituted in pursuance of the provisions of this code; and any officer or employee of the department of fire prevention or the City, acting in good faith and without malice, shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.”

Sec. 42-34. I.F.C. – Section 105.2.2, Inspection authorized.

Section 105.2.2, Inspection authorized, is hereby amended by adding a sentence to the end of the paragraph to read as follows:

“Twenty-four hours notice shall be provided to the division of fire prevention for required inspections and tests.”

Sec. 42-35. I.F.C. – Section 105.6, Required operational permits.

Section 105.6, Required operational permits, is hereby deleted with the exception of section 105.6.3, Temporary membrane structures, tents and canopies, which section 105.6.3 shall be adopted as written.

Sec. 42-36. I.F.C. – Section 108.1, Board of appeals established.

Section 108.1, Board of appeals established, is hereby amended in its entirety to read as follows:

“108.1 *Board of appeals established*. In order to hear and decide appeals of orders, decisions, or determinations made by the fire code official relative to the application and interpretation of this code, there is hereby created a board of appeals. The board of appeals shall be known as the Building Code Advisory Board. The board of appeals shall be appointed by the governing body and shall hold office at its pleasure. The fire code official shall be an ex officio member of said board but shall have no vote on any matter before the

board. Rules of procedure for conducting the Board's business shall be as set forth in section 18-36 of the administrative code, as amended, in Article II of Chapter 18 of the Arvada City Code."

Sec. 42-37. I.F.C. – Section 108.3, Qualifications.

Section 108.3, Qualifications, is hereby deleted.

Sec. 42-38. I.F.C. – Section 109.3, Violation penalties.

Section 109.3, Violation penalties, is hereby amended in its entirety to read as follows:

"109.3 *Violation penalties*. Persons, firms, or corporations who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a fire code violation, punishable by a fine, or by imprisonment, or both, not to exceed the limits established in section 1-5 of the Arvada City Code. The denial, suspension, revocation, or restriction of any permit or other privilege conferred by this code shall not be regarded as a penalty for purposes of this chapter. Each day that a violation continues after due notice has been served shall be deemed a separate offense."

Sec. 42-39. I.F.C. – Section 111.1, Order.

Section 111.1, Order, is hereby amended in its entirety to read as follows:

"111.1 *Order*. Whenever the fire code official finds any work regulated by this Code being performed in a manner contrary to the provisions of this code or in a dangerous or unsafe manner, the fire code official, with the concurrence of the building official, is authorized to issue a stop work order."

Sec. 42-40. I.F.C. – Section 304.2.1, Trash enclosures.

Section 304.2.1, Trash enclosures, is hereby added to read as follows:

"304.2.1 *Trash enclosures*. Trash enclosures, including doors, shall be of a non-combustible construction."

Sec. 42-41. I.F.C. – Section 308.3.1, Open-flame cooking devices.

Section 308.3.1, Open-flame cooking devices, is hereby amended to read as follows:

"308.3.1, *Open-flame cooking devices*. No open-flame cooking devices shall be operated on combustible balconies or within 10 feet (3048mm) of combustible construction.

Exception:

1. One- and two-family dwellings.
2. Liquified-petroleum-gas-fueled cooking devices may be operated as set forth in section 308.3.1.1.”

Sec. 42-42. I.F.C. – Section 308.3.1.1, Liquified-petroleum – gas – fueled cooking devices.

Section 308.3.1.1, Liquified – petroleum – gas – fueled cooking devices, is hereby amended in its entirety to read as follows:

“308.3.1.1 L-P – gas burners having L-P gas container with a water capacity up to 20 pounds [nominal 1 pound (0.454 kg) L-P gas capacity] may be used on combustible construction.”

Sec. 42-43. I.F.C. – Section 315.2.5, Marking maximum permitted storage height.

Section 315.2.5, Marking maximum permitted storage height, is hereby added to read as follows:

“315.2.5 *Marking maximum permitted storage*. When storage areas are constructed that do not meet the requirements for high piled combustible storage or sprinkler system design densities, a minimum of a four (4) inch (101.6mm) stripe on a contrasting background shall be placed at twelve (12) feet (4.176m) above the finished floor to designate the maximum permitted storage height, and clearly justified with the designation: 'No Storage Above This Line'.”

Sec. 42-44. I.F.C. – Section 503.1.1, Buildings and facilities.

Section 503.1.1, Buildings and facilities, is hereby amended by amending Exception 1 in its entirety to read as follows:

“Exception 1. The building is equipped throughout with an approved automatic sprinkler system installed in accordance with section 903.3.1.1.”

The remaining language in Section 503.1.1, including the other exceptions thereto, shall remain unchanged.

Sec. 42-45. I.F.C. – Section 503.2.1, Dimensions.

Section 503.2.1, Dimensions, is hereby amended in its entirety to read as follows:

“503.2.1 *Dimensions*. Fire apparatus access roadways in other than residential streets shall have an unobstructed width of not less than twenty-four (24) feet (7315mm) and an unobstructed vertical clearance of not less than thirteen (13) feet six (6) inches (4115mm). Private streets shall not be less than twenty-six (26) feet (7935mm) wide and shall have an unobstructed vertical clearance of not less than thirteen (13) feet six (6) inches (4115mm).

Exception: the width of private streets may be reduced from the required twenty-six (26) feet (7935mm) if a specific access and parking design is approved by the fire code official.”

Sec. 42-46. I.F.C. – Section 503.2.3, Surface.

Section 503.2.3, Surface, is hereby amended in its entirety to read as follows:

“503.2.3 *Surface*. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced with the first lift of asphalt as to provide all-weather driving capabilities.

Grass-crete, geo-tek, ritter rings or similar landscape treatments that will prevent a fire apparatus road from being maintainable as an all-weather surface and immediately discernable, shall be prohibited.”

Sec. 42-47. I.F.C. – Section 503.2.5.1, Group R, Division 3 occupancies.

Section 503.2.5.1, Group R, Division 3 occupancies, is hereby added to read as follows:

“503.2.5.1 *Group R, Division 3 occupancies*. Where a property is a Group R, Division 3 occupancy, the length of a dead end fire department access roadway may be increased to one-hundred seventy-five (175) feet (53,340mm) without the provisions for the turning around of fire apparatus if approved by the fire code official.”

Sec. 42-48. I.F.C. – Section 503.2.8, Curbs.

Section 503.2.8, Curbs, is hereby added to read as follows:

“503.2.8 *Curbs*. Vertical curbs shall not be placed at the entrance of or within fire access lanes and roads. Mountable curb and gutter may be used if approved by the fire code official.”

Sec. 42-49. I.F.C. – Section 503.2.9, Gated communities.

Section 503.2.9, Gated communities, is hereby added to read as follows:

“503.2.9 *Gated communities*. Gated communities may be permitted, provided the community meets the requirements as detailed herein and subject to the approval of the fire code official. The access roadways within a gated community shall be a minimum of twenty-eight (28) feet (8534mm) of unobstructed width and be maintained as an all-weather surface and maintained as needed to provide all-weather driving capabilities and requirements of section 503 of the fire code. Unobstructed vertical clearance shall not be less than thirteen (13) feet six (6) inches (4115mm). Two separate means of ingress/egress shall be provided

into the site. Gates shall be staffed on a twenty-four (24) hour basis or be equipped with an automatic and manual system approved by the fire code official.

Exception: Street widths may be reduced to 26 feet and fire hydrant spacing may be increased to 500 feet when each individual dwelling unit within the gated community meeting the requirements of a Group R-3 Occupancy as defined by the *International Residential Code* is provided with an approved NFPA 13-D Residential Sprinkler System as approved by the fire code official.”

Sec. 42-50. I.F.C. – Section 503.2.10, Fire protection in recreational vehicle, mobile home, and manufactured housing parks, sales lots, and storage lots.

Section 503.2.10, Fire protection in recreational vehicle, mobile home, and manufactured housing parks, sales lots, and storage lots, is hereby added to read as follows:

“503.2.10 *Fire protection in recreational vehicle, mobile home, and manufactured housing parks, sales lots, and storage lots.* Recreational vehicle, mobile home, and manufactured housing parks, sales lots, and storage lots shall provide and maintain fire hydrants and access roads in accordance with Sections 503.1 and 508. Fire hydrant locations and minimum required fire flows shall be approved by the fire code official.

Exception: Recreational vehicle parks located in remote areas shall be provided with protection and access roadways as required by the fire code official.”

Sec. 42-51. I.F.C. – Section 506.3, Key box installation.

Section 506.3, Key box installation, is hereby added to read as follows:

“506.3 *Key box installation.* All buildings with a required fire alarm system or automatic fire extinguishing or standpipe system shall be provided with a key box in a location approved by the fire code official. The key box shall be of an approved type.

Exception: Individual units within retail and office units that do not contain sprinkler control valves, fire alarm panels, or fire protection equipment are not required to provide keys to gain access to other individual units.”

Sec. 42-52. I.F.C. – Section 508.5.1, Where required.

Section 508.5.1, Where required, is hereby amended in its entirety to read as follows:

“508.5.1 *Where required.* The location, number, and type of fire hydrants connected to a water supply capable of delivering the minimum required fire flow shall be provided on the public street or on the site of the premises or both to be protected as required and approved. A fire hydrant shall be installed and maintained within one hundred fifty (150) feet

(45,720mm) of a fire department connection serving a sprinkler or standpipe system. When installation of fire protection including fire apparatus access roads and water supplies for fire protection, is required, such protection shall be made serviceable prior to the time of above grade construction.

Exceptions:

1. When the alternate means of protection, as approved by fire code official, are provided, the requirements of section 508.1 may be modified or waived.
2. For Group R-3 and Group U occupancies that distance requirement shall be 500 feet (152400mm).
 - 2.2 When street widths are reduced in Group R-3 and Group U occupancies to less than thirty two (32) feet (9753mm), the distance requirement shall be three hundred (300 feet (91440mm).
 - 2.3 Fire hydrant spacing in Group R-3 and Group U occupancies with street widths less than thirty two (32) feet (9753mm) may be increased to 500 feet when each individual dwelling unit as defined by the *International Residential Code* is provided with an approved NFPA 13-D Residential Sprinkler System.
3. For all buildings with the exception of Group R-3 and Group U occupancies and buildings that are equipped throughout with an approved automatic sprinkler system installed in accordance with sections 903.1.1 or 903.3.1.2. The distance requirement shall be 300 feet (91440mm)."

Sec. 42-53. I.F.C. – Section 508.5.7, Marking of fire protection equipment.

Section 508.5.7, Marking of fire protection equipment, is hereby added to read as follows:

"508.5.7 *Marking of fire protection equipment*. Fire protection equipment and fire hydrants shall be clearly identified in an approved manner to prevent obstruction by parking and other obstructions. See also sections 508.5 and 508.5.5. Fire hydrants shall be painted only yellow or other colors that are approved by the City of Arvada or the water district of jurisdiction."

Sec. 42-54. I.F.C. – Section 603.9.1, Gas meter identification.

Section 603.9.1, Gas meter identification, is hereby added to read as follows:

"603.9.1 *Gas meter identification*. Gas meters shall be identified with the building address and/or unit number."

Sec. 42-55. I.F.C. – Section 605.1, Abatement of electrical hazards.

Section 605.1, Abatement of electrical hazards, is hereby amended by the addition of a second paragraph to read as follows:

“Wiring systems, including covers, shall be maintained as required in the National Electrical Code for their original installation.”

Sec. 42-56. – I.F.C. – Section 605.3.1.2, Main electrical disconnect labeling.

Section 605.3.1.2, Main electrical disconnect labeling, is hereby added to read as follows:

“605.3.1.2 *Main electrical disconnect labeling*. Electrical rooms containing the main electric disconnect shall be identified with a permanently affixed sign with letters not less than one (1) inch (25mm) in height on a contrasting background to read “MAIN ELECTRICAL DISCONNECT.”

Sec. 42-57. I.F.C. – Section 605.3.1.3, Labeling of address or unit disconnects.

Section 605.3.1.3, Labeling of address or unit disconnects, is hereby added to read as follows:

“605.3.1.3 *Labeling of address or unit disconnects*. Electrical disconnects shall be identified with the address and/or unit number in accordance with the electrical code.”

Sec. 42-58. I.F.C. – Section 609.2.1, Residential fire suppression type hoods.

Section 609.2.1, Residential fire suppression type hoods, is hereby added to read as follows:

“609.2.1 *Residential fire suppression type hoods*. When a single piece of residential cooking equipment is installed within Groups A, B, E, F, I, S, and R-4 occupancies for use in warming and cooking purposes and where grease laden vapors are not produced, a residential type hood with fire suppression capabilities may be installed in place of a Type I hood and with the approval of the fire code official and building code official. A Commercial Cooking Hood Waiver Request form is available from the building inspection division.”

Sec. 42-59. I.F.C. – Section 901.6.2, Records.

Section 901.6.2, Records, is hereby amended in its entirety to read as follows:

“901.6.2 *Records*. Records of all system inspections, tests, and maintenance required by the referenced standards shall be maintained at the premises for a minimum of three years and a copy of the current inspection shall be forwarded to the division of fire prevention.”

Sec. 42-60. I.F.C. – Section 903.1.2, Location of sprinkler control valves.

Section 903.1.2, Location of sprinkler control valves, is hereby added to read as follows:

“903.1.2 *Location of sprinkler control valves*. When automatic sprinkler systems are

provided within a building and the system serves more than one tenant space, the main control valves shall be placed within an approved room that has access provided from the building exterior. The door to said room shall be not less than three (3) feet (914mm) in width by six (6) feet eight (8) inches (2030mm) in height. The door shall be appropriately labeled with a permanent sign with letters having a principal stroke of not less than one (1) inch (25mm) in height on a contrasting background.”

Sec. 42-61. I.F.C. – Section 903.2.4.1.1, Group H General.

Section 903.2.4.1.1, Group H General, is hereby added to read as follows:

“903.2.4.1.1 *Group H General*. An approved automatic sprinkler system shall be provided throughout all buildings containing a Group H Occupancy.”

Sec. 42-62. I.F.C. – Section 903.2.7.1, Group R.

Section 903.2.7.1, Group R, is hereby added to read as follows:

“903.2.7.1 *Group R*. An automatic sprinkler system installed in accordance with Section 903.3.1.1 shall be provided throughout all Group R-2 occupancies that meet the Federal Fair Housing Act definition of senior housing or housing for older persons.”

Sec. 42-63. I.F.C. – Section 903.3.7.1, Hose connection locations.

Section 903.3.7.1, Hose connection locations, is hereby added to read as follows:

“903.3.7.1 *Hose connection locations*. The fire department hose connections for a sprinkler system shall be located within one hundred fifty (150) feet (45,720mm) of a fire hydrant. Hose connections shall be located a minimum height of three (3) feet (194mm) and a maximum height of four (4) feet (1219mm) above the finished grade.”

Sec. 42-64. I.F.C. – Section 903.4.2.1, Audible and visual signals.

Section 903.4.2.1, Audible and visual signals, is hereby added to read as follows:

“903.4.2.1 *Audible and visual signals*. Audible and visual fire alarm signals shall be connected to every automatic sprinkler system. Such audible and visual signals shall be activated throughout the building upon water flow.”

Sec. 42-65. I.F.C. – Section 904.11, Commercial cooking systems.

Section 904.11, Commercial cooking systems, is hereby amended by deleting referenced standard numbers: 1. Carbon dioxide extinguishing system, NFPA 12; and 2. Automatic sprinkler systems, NFPA 13. The remaining referenced standards 3, 4, and 5 shall remain unchanged.

Sec. 42-66. I.F.C. – Section 904.11.3, Carbon dioxide systems.

Section 904.11.3, Carbon dioxide systems, is hereby deleted in its entirety.

Sec. 42-67. I.R.C. – Section 904.11.4, Special provisions for automatic sprinkler systems.

Section 904.11.4, Special provisions for automatic sprinkler systems, is hereby deleted in its entirety.

Sec. 42-68. I.F.C. – Section 904.11.7, Residential type cooking equipment.

Section 904.11.7, Residential type cooking equipment, is hereby added to read as follows:

“*904.11.7 Residential type cooking equipment.* When residential type cooking equipment is installed within Group A, B, E, F, S, and R-4 occupancies, a residential fire extinguishing system may be used in lieu of a commercial type fire extinguishing system with the approval of the fire code official and building code official.”

Sec. 42-69. I.F.C. – Section 905.1.1, Hose connection locations-standpipe systems.

Section 905.1.1, Hose connection locations-standpipe systems, is hereby added to read as follows:

“*905.1.1 Hose connection locations-standpipe systems.* Fire department hose connections for a standpipe system shall be located within 150 feet (45720mm) of a fire hydrant, and a minimum of three (3) feet (914mm) and a maximum of four (4) feet (1219mm) above finished grade. A minimum of a three-foot (914mm) clear space shall be provided around the circumference of a fire department connection.”

Sec. 42-70. I.F.C. – Section 905.1.2, Main control valve.

Section 905.1.2, Main control valve, is hereby added to read as follows:

“*905.1.2 Main control valve.* When standpipe systems are provided within a building and it serves more than one tenant space, the main control valve shall be located within an approved room that has access provided from the building exterior with a door for fire department access. Said door shall not be less than three (3) feet (914mm) in a width by six (6) feet eight (8) inches (2030mm) in height and shall be appropriately labeled with a permanent sign with letters having a principal stroke of not less than one (1) inch (25mm) in height on a contrasting background.”

Sec. 42-71. I.F.C. – Section 906.3, Size and distribution.

Section 906.3, Size and distribution, is hereby amended in its entirety to read as follows:

“906.3 *Size and distribution*. Multipurpose dry chemical portable fire extinguishers shall be ten (10) pounds (4.5kg), shall have a minimum UL classification of 4-A, and shall be rated to fight Class A, B, or C fire hazards.”

Sec. 42-72. I.F.C. – Section 907.1.2.1, Remote indicating devices.

Section 907.1.2.1, Remote indicating devices, is hereby added to read as follows:

“907.1.2.1 *Remote indicating devices*. Remote-indicating devices shall be required on all duct detectors, elevator, electrical panel rooms, 120 volt detectors within multi-family dwelling units with access to the unit from an interior corridor and where activation of the units is not readily visible to responding fire fighters.”

Sec. 42-73. I.F.C. – Section 907.2.3, Group E.

Section 907.2.3, Group E, is hereby amended in its entirety to read as follows:

“907.2.3 *Group E*. Approved manual and automatic fire alarm systems shall be installed in Group E occupancies having an occupant load of 20 or more. Group E occupancies having an occupant load of more than five but not more than 19 shall be equipped with an approved hard wired 120-volt smoke detection system, with battery back-up, and which is interconnected in accordance with the *International Residential Code*.”

Sec. 42-74. I.F.C. – Section 907.2.5, Group H.

Section 907.2.5, Group H, is hereby amended in its entirety to read as follows:

“907.2.5, *Group H*. An approved automatic and manual fire alarm system shall be installed in Group H Occupancies. An automatic smoke detection system shall be installed in for highly toxic gases, organic peroxides, oxidizers and manufacturing of organic coatings in accordance with Chapters 37, 39, and 40.”

Sec. 42-75. I.F.C. – Section 907.2.10.1.2.1, Group R-4.

Section 907.2.10.1.2.1, Group R-4, is hereby added to read as follows:

“907.2.10.1.2.1 *Group R-4*. Group homes classified as Group R-4 occupancies for the developmentally disabled containing more than five (5) persons, including staff, shall be provided with an approved automatic fire alarm system. Group homes having four (4) or fewer persons, including staff, shall be provided with an approved hard wired one hundred twenty (120) volt smoke detection system, with battery back up, and interconnected in accordance with the *International Residential Code*.”

Sec. 42-76. I.F.C. – Section 907.2.10.1.2.2, Group R-4–Senior citizen care.

Section 907.2.10.1.2.2, Group R-4–Senior citizen care, is hereby added to read as follows:

“907.2.10.1.2.2 *Group R-4 – Senior citizen care*. Structures used to provide for the care or housing of six or more senior citizens shall be equipped with an approved automatic fire alarm system installed in accordance with NFPA 72. Senior care facilities housing containing five (5) or fewer persons including staff shall be provided with an approved hard-wired one-hundred-twenty (120) volt smoke detection system, with battery back-up that is interconnected in accordance with the *International Residential Code*.”

Sec. 42-77. I.F.C. – Section 1008.1.8.3, Locks and latches.

Section 1008.1.8.3, Locks and latches, is hereby amended in its entirety to read as follows:

“1008.1.8.3 *Locks and latches*. Exit doors shall be openable from the inside and shall be operable from the inside without the use of key or any special knowledge or effort. Locks and latches shall be permitted to prevent the operation of doors where any of the following exists.

1. Places of detention or restraint.

In buildings in occupancy Group A having an occupant load of 300 or less, Groups B, F, M, and S, and in churches, where the main exterior door or doors are permitted to be equipped with a key-operated locking device from the egress side provided:

- 2.1 The locking device is readily distinguishable as locked.

A readily visible durable sign is posted on the egress side of the door stating: “THIS DOOR IS TO REMAIN UNLOCKED DURING BUSINESS HOURS. IF FOUND LOCKED, CALL THE FIRE DEPARTMENT.” Such sign shall be in letters one (1) inch (25mm) high on a contrasting background. The bottom of the sign shall not be less than four (4) feet (1219mm) nor more than six (6) feet (1845mm) above the floor level. When unlocked, the single door or pair of doors must be free to swing without the operation of any latching device. The use of this section may be revoked by the building official or fire marshal. Additional exit doors in Groups B, F, M and S occupancies may be provided with a thumb-twist locking device in addition to the classroom lock. A readily visible durable sign shall also be affixed to these door(s) stating, "This Door Is To Remain Unlocked During Business Hours. If Found Locked, Call The Fire Department." When a door is provided with panic hardware, no additional locks or latches may be provided.

- 2.3 The use of key-operated locking devices may be revoked by the fire code official for due cause.
3. Where egress doors are used in pairs, approved automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts has no doorknob or surface-mounted hardware.
4. Doors from individual dwelling or sleeping units of Group R occupancies having an occupant load of ten (10) or less are permitted to be equipped with a night latch dead bolt, or security chain, provided such devices are openable from the inside without the use of a key or tool.”

Sec. 42-78. I.F.C. – Section 1011.1.1, Additional exit signs.

Section 1011.1.1, Additional exit signs, is hereby added to read as follows:

“*1011.1.1 Additional exit signs.* When exit signs are required by the building code, additional low-level exit signs, which are internally or externally illuminated, photo luminescent, or self-luminous shall be provided in corridors serving guest rooms in Group R, Division 1 occupancies and amusement buildings. The bottom of such sign shall not be less than six (6) inches (152mm) nor more than eight (8) inches (203mm) above the floor level and shall indicate the path of exit travel. For exit and exit-access doors, the sign shall be on the floor or adjacent to the door with the closest edge of the sign within four (4) inches (102mm) of the doorframe.”

Sec. 42-79. I.F.C. – Section 1028.3.1, Signs.

Section 1028.3.1, Signs, is hereby added to read as follows:

“*1028.3.1 Signs.* Exit doors that could be obstructed from the outside shall be posted with a permanent sign on the exterior side of the door stating “EXIT DOOR – DO NOT BLOCK.” The sign shall consist of letters having a principal stroke of not less than three-fourths (3/4) inch (19mm) wide and at least six (6) inches (152mm) high on a contrasting background.”

Sec. 42-80. I.F.C. – Section 1412.1, When required.

Section 1412.1, When required, is amended by adding a second paragraph to read as follows:

“*1412.1 When required.* When inadequate fire flows and distribution of fire hydrants are present at the site prior to construction, an approved water supply system and additional fire hydrants shall be provided to meet the requirements of Appendix B Fire flow requirements for buildings, prior to additional construction commencing.”

Sec. 42-81. I.F.C. – Section 2204.3, Unattended self-service motor fuel-dispensing facilities.

Section 2204.3, Unattended self-service motor fuel-dispensing facilities, is hereby amended in its entirety to read as follows:

“2204.3 *Unattended self-service motor fuel-dispensing facilities*. Unattended self-service motor fuel-dispensing facilities that dispense Class 1 flammable liquids shall not be permitted or operated.

Exception: Diesel and bio-diesel dispensing facilities that comply with Section 2204.3.1 through 2204.3.7.”

Sec. 42-82. I.F.C. – Section 3308.2.2.1, Where allowed.

Section 3308.2.2.1, Where allowed, is hereby added to read as follows:

“3308.2.2.1 *Where allowed*. Proximate audience displays may be conducted only within buildings that contain an approved automatic sprinkler system.”

Sec. 42-83. I.F.C. Section 3406.6.1.2.1, Vapor recovery device.

Section 3406.6.1.2.1, Vapor recovery device, is hereby added to read as follows:

“3406.6.1.2.1 *Vapor recovery device*. It shall be unlawful for any driver, operator, or attendant to defeat or fail to use any vapor recovery device or system that has been provided for use with the vapor recovery device or system. All equipment shall be approved and maintained for use with the vapor recovery system provided at the site.”

Sec. 42-84. I.F.C. – Chapter 45, Referenced standards.

Chapter 45, Referenced standards, is hereby amended by adding the following referenced standard on to the International Code Council Standard Reference list:

“Insurance Service Office
160 Water Street
New York, NY
Insurance Service Office Guide for Determining Fire Flow, Fire Suppression Rating
Schedule 1980”

Sec. 42-85. I.F.C. – Chapter 45, Referenced standards.

Chapter 45, Referenced standards, is hereby amended by deleting the following referenced standards from the National Fire Protection Association’s standard reference list: Referenced Standard 99, Health Care Facilities, and Referenced Standard 101, Life Safety Code.

All other referenced standards shall remain unchanged.

Sec. 42-86. I.F.C. – Appendix B, Fire-flow requirements for buildings, Section B103.1, Decreases.

Section B103.1 Decreases, of Appendix B, Fire-flow requirements for buildings, is hereby amended in its entirety to read as follows:

“B103.1 Decreases. Decreases in the minimum required fire flow are permitted up to 50 percent, as required by Table B105.1, Minimum required fire-flow and flow duration for buildings, when the building is provided with an approved automatic sprinkler system installed throughout and in accordance with 903.3.1 standards. Section 903.3.1.2 NFPA 13R sprinkler systems are not permitted to be used for a reduction in minimum required fire flows in other than one and two family dwellings.

In areas where the required fire flow cannot be obtained, Group R-1, R-2, R-3, or R-4 new or remodeled residential occupancies shall have sprinkler systems installed in accordance with section 903.3.1.1 of the building code, as amended. When it is determined that it is impractical to obtain the required fire flows as required herein for any other occupancy, a decrease shall not be granted without the approval of fire code official and building official. Any decrease in the required fire flows will require alternative means of fire protection and mitigation.”

Sec. 42-87. I.F.C. – Appendix B, Fire-flow requirements for buildings, Table B105.1.

Footnote “a” of Table B105.1 of Appendix B, Fire-flow requirements for buildings, is hereby deleted.

The remaining information contained in Table B105.1 shall remain unchanged.

Sec. 42-88. I.F.C. – Appendix D, Fire apparatus access road, Figure D103.1, Dead-end fire apparatus access road turnaround.

Figure D103.1, Dead-end fire apparatus access road turnaround, is hereby amended to read as follows:

That portion of the figure entitled 96’ Diameter cul-de-sac shall be entitled 90’ Diameter cul-de-sac. That portion of the figure depicting the cul-de-sac as 96’ across shall be amended to read 90’.

The remaining provisions of Figure D103.1 shall remain unchanged.

Sec. 42-89. I.F.C. – Appendix D, Fire apparatus access roads, Table D103.4, Requirements for

dead-end fire apparatus access roads.

Table D103.4, Requirements for dead-end fire apparatus access roads, is hereby amended to read as follows:

Both references to “96-foot-diameter cul-de-sac “ under the column entitled Turnarounds required shall be changed to “90-foot-diameter cul-de-sac..

The remaining provisions of Table D103.4 shall remain unchanged.

Sec. 42-90. I.F.C. – Appendix D, Fire apparatus access road, Section D107.1, One- or two-family dwelling residential developments.

Section D107.1, One- or two-family dwelling residential developments, of Appendix D, Fire apparatus access roads, is hereby amended in its entirety to read as follows:

“D107.1, One-or-two family dwelling residential developments. Developments of one- or two-family dwellings where the number of dwelling units exceeds 30 shall be equipped throughout with two separate and approved fire apparatus access roads.”

Exception 2 to Section D107.1 shall be deleted. Exception 1 shall remain unchanged.

Section 4. Should any provision of this ordinance be declared by a court to be unconstitutional or invalid, such decision shall not affect the validity of the ordinance as a whole, or any part thereof, other than the part so declared unconstitutional or invalid.

Section 5. This ordinance shall be effective five (5) days after publication following final passage.

INTRODUCED, READ, AND ORDERED PUBLISHED this 22nd day of October, 2007.

PASSED, ADOPTED, AND APPROVED this 19th day of November, 2007.

Robert G. Frie, Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

Christopher K. Daly, City Attorney

Publication Dates: October 25, 2007
November 22, 2007