

ARTICLE 5

Fire Code (Revised by Ord. 2010-7)

Sec. 18-5-10. International Fire Code adopted.

The International Fire Code, 2009 edition, as published by the International Code Council, Inc., 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, is adopted by reference and incorporated into this Article as if fully set forth herein. The provisions of the International Fire Code shall apply to the construction of, and renovations or additions to, all commercial and residential buildings within the Town. Except as otherwise provided hereafter, such code is adopted in full, including the outline of contents, index, and appendices therein.

(Ord. 2004-4 §1) (revised by Ord 2010-7)

Sec. 18-5-20. Penalties defined.

Violations of the International Fire Code shall be punished as provided in Section 18-1-30 herein.

Sec. 18-5-30. Amendments.

The International Fire Code adopted by this Article is amended as follows (section numbers referred to herein refer to and correspond with the section numbers of the International Fire Code):

(1) Chapter 1, "ADMINISTRATION," is amended as follows:

(a) Section 101.2.1, "Appendices," is amended to read:

101.2.1 Appendices. By this reference Appendices B, D, E, F, G, H, I and J are adopted and incorporated into this code for all purposes. Appendices A and C are excluded from adoption.

(b) Section 103.1, "General," is amended to read:

103.1 General. This code shall be enforced by the Division of Fire Prevention of the Wheat Ridge Fire Protection District, which is operated under the direction of the Fire Code Official.

The function of the Division of Fire Prevention and staff shall be the implementation, administration and enforcement of the provisions of this code.

(c) Section 103.2, "Appointment," is amended to read:

103.2 Appointment. The Fire Code Official in charge of the Division of Fire Prevention shall be hired by, and serve under the direction and supervision of, the Fire Chief of the Wheat Ridge Fire Protection District.

(d) Section 105.2.2, "Inspection Authorized," is amended by adding the following sentence to the end of the paragraph:

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

(e) Section 105.6, "Required Operational Permits," is deleted except for the following subsections, which shall remain in force as written: Section 105.6.42 Storage of Scrap Tires and Tire By-Products; Section 105.6.43, Temporary Membrane Structures, Tents and Canopies; and, Section 105.6.44 Tire Rebuilding Plants.

(f) Section 111.1, Order, is amended to read:

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.

(2) Chapter 2, "DEFINITIONS," is amended as follows:

(a) Section 202 is amended by the addition of the following definitions:

(i) FIRE CODE OFFICIAL. The Fire Marshal of the Wheat Ridge Fire Protection District, hired by and working under the supervision of, the Fire Chief of the Wheat Ridge Fire Protection District.

(ii) GOVERNING BODY. The Board of Directors of the Wheat Ridge Fire Protection District.

(iii) JURISDICTION. The Wheat Ridge Fire Protection District with respect to the Town of Mountain View lying within the boundaries of the Wheat Ridge Fire Protection District.

(3) Chapter 3, "GENERAL PRECAUTIONS AGAINST FIRE," is amended as follows:

(a) Exception 3 to Section 308.1.4., "Open Flame Cooking Devices," is amended to read:

a. Exception 3. L-P gas cooking devices having a L-P gas

container with a water capacity not greater than twenty (20) lbs.
(04453kg) L-P gas capacity.

(b) To Section 315.2.5, "Marking Maximum Permitted Storage Height," the following language is added:

a. 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 (3657.6mm) above the finished floor to designate the maximum permitted storage height, and clearly justified with the designation: 'No Storage Above This Line'.

(4) CHAPTER 4, "EMERGENCY PLANNING AND PREPAREDNESS," is amended as follows:

(a) Section 403.3 is deleted in its entirety.

(5) CHAPTER 5, "FIRE SERVICE FEATURES," is amended as follows:

(a) Section 503.2.1, "Dimensions," is amended to read:

503.2.1 Dimensions. Fire apparatus access roadways in other than residential streets shall have an obstructed width of not less than twenty-four (24) feet (7315.2mm) 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 (7924.8mm) 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 (7924.8mm) if a specific access and parking design is approved by the fire code official.

(b) Section 503.2.3, "Surface," is amended to read:

503.2.3 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of 85,000 lb. fire apparatus and shall be surfaced with the first lift of asphalt as to provide all-weather driving capabilities. Exception: When concrete is to be installed for fire apparatus access roadways, compacted road base may be used in place of the first lift of asphalt for a maximum period of ninety (90) days. The fire

apparatus access road base shall be designed to support the imposed loads of 85,000 lb. fire apparatus. The compacted road base fire apparatus access roadway shall be maintained to provide all-weather driving capabilities, and shall be immediately repaired as needed.

(c) The following new Section 503.2.5.1, "Group R, Division 3 Occupancies," is added:

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 (53340mm) without the provisions for the turning around of fire apparatus if approved by the fire code official.

(d) The following new Section 503.2.9, "Curbs," is added:

503.2.9 Curbs. Vertical curbs shall not be placed at the entrance of or within fire access lanes and roads. Mountable curbs may be used if approved by the fire code official.

(e) The following new Section 503.2.10, "Gated Communities," is added:

503.2.10 Gated Communities. Gated communities may be permitted if (1) the community meets the requirements stated in this section 503.2.10; and, (2) it is approved by the fire code official. The access roadways within a gated community shall be a minimum of twenty-eight (28) feet (8534.4mm) of unobstructed width. Unobstructed vertical clearance shall not be less than thirteen (13) feet six (6) inches (4115mm). The access roadways shall be maintained as an all-weather surface and maintained as needed to provide all-weather driving capabilities and to meet the requirements of section 503 of the fire code.

Two separate means of ingress/egress shall be provided into the site. Gates shall be staffed on a twenty-four (24) hour basis or shall be equipped with an automatic and manual system approved by the fire code official. Exception: Street widths may be reduced to twenty-six (26) feet (7924.8mm) of unobstructed width and fire hydrant spacing may be increased to four hundred (400) feet (121920mm) if 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 NFPA 13-D Residential Sprinkler System approved by the fire code official.

(f) Section 507.5.1., “Required Water Supply,” is amended to read as follows:

507.1 Required water supply. 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 by the fire code official. 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 is required, including fire apparatus access roads and water supplies for fire protection, such protection shall be made serviceable before commencement of above grade construction.

Exceptions:

1. When alternate means of fire protection, as approved by fire code official, are provided, the requirements of section 507.1 may be modified or waived.
2. For Group R-3 and Group U occupancies the distance requirement shall be five hundred (500) feet (152400mm).
 - 2.1 When street widths are reduced in Group R-3 and Group U occupancies to less than thirty two (32) feet (9753.6mm) flow line to flow line, the distance requirements shall be three hundred (300) feet (91440mm).
 - 2.2 Except for Group R-3 and Group U occupancies and buildings equipped throughout with an approved automatic sprinkler system installed in accordance with section 903.1.1., the distance requirement shall be three hundred (300) feet (91440mm).
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 systems in accordance with sections 903.1.1 or 903.3.1.2., the distance requirement shall be three-hundred (300) feet (91440mm.)

(6) Chapter 6, “BUILDING SERVICES AND SYSTEMS,” is amended as

follows:

(a) Section 603.9.1, Gas Meter Identification, is amended to read:

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

(b) Section 605.3.1.2. Main Electrical Disconnects Labeling, is amended to read:

Section 605.3.1.2. Main electrical disconnects labeling. An electrical room(s) 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'.

(c) Section 605.3.1.3., "Labeling Of Address Or Unit Disconnects," is amended to read as follows:

Section 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.

(7) Chapter 9, "BUILDING SERVICES AND SYSTEMS," is amended as follows:

(a) Section 903.1.2, "Location Of Sprinkler Control Valves," is amended by the addition of the following language:

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 (914.4mm) in width by six (6) feet (1828.8mm) eight (8) inches (203.2mm) in height. The door shall be appropriately labeled with a permanent sign with letters having a principal stroke of not less than one inch (25mm) in height on a contrasting background. The verbiage on the sign shall read, 'Fire Control Room'.

(b) Section 903.3.7.1, "Hose Connection Locations," is amended 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

(914.4mm) and a maximum height of four (4) feet (1219.2mm) above the finished grade.

(c) Section 903.4.2.1., “Audible and Visual Signals,” is amended to read:

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.

(d) Section 904.11.7, “Residential Type Cooking Equipment,” is amended to read:

904.11.7. Residential Type Cooking Equipment. When residential type cooking equipment is installed within a Group B, E, F, S, and R-4 occupancy, and not used on a continuous basis for commercial operations, 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.

(e) Section 905.1.1, “Hose Connection Locations-Standpipe Systems,” is amended to read as follows:

905.1.1. Hose connection locations-standpipe systems. Fire department hose connections for a standpipe system shall be located within one-hundred-fifty (150) feet (45720mm) of a fire hydrant, and a minimum of three (3) feet (914.4mm) and a maximum of four (4) feet (1219.2mm) above finished grade. A minimum of a three-foot (914.4mm) clear space shall be provided around the circumference of a fire department connection.

(f) Section 905.1.2, Main Control Valve, is amended to read:

905.1.2. Main control valve. When a standpipe system is 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 (914.4mm) in a width by six (6) feet (1828.8mm) eight (8) inches (203.2mm) 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 that reads 'Fire Control Room'.

(g) Section 907.1.2.1., "Remote Indicating Devices," the following language is added:

907.1.2.1. Remote Indicating Devices. Remote indicating devices shall be provided on single station 120 volt detectors within hotel/motels and multi-family dwelling units with access from interior corridors and where detection device activation is not readily visible to responding fire fighters.

(h) Section 912.3.1, "Locking Fire Department Connection Caps," is amended to read as follows:

Section 912.3.1. Locking fire department connection caps.

Locking fire department connection caps shall be installed on fire department connections on all new water-based fire protection systems. Existing fire department connections on water-based fire protection systems shall be required to install locking fire department connection caps, where the fire department connection caps are missing or where the fire department connection is being subject to interior obstructions.

(8) Chapter 10, "MEANS OF EGRESS," is amended as follows:

(a) Section 1008.1.9.4, "Bolt Locks," is amended by deleting the following exceptions: Exceptions 3, 4, and 5.

(b) The following new Section 1030.3.9., "Signs," is added and shall read as follows:

Section 1030.3.9. Signs. Exit doors that could be obstructed or blocked from the outside shall be posted with 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 (19.05mm) wide and at least six (6) inches (152.4mm) high on a contrasting background.

(9) Chapter 47, "REFERENCED STANDARDS," is amended as follows:

(a) Chapter 47, "Referenced Standards," is amended by adding the following referenced standard to the International Code Council (ICC) section:

Insurance Service Office
545 Washington Boulevard
Jersey City, NJ 07310-1686

Insurance Service Office Guide for Determining Fire
Flow, Fire Suppression Rating Schedule 2003

(b) Chapter 47, "Referenced Standards," is amended by deleting the following
referenced standard from the National Fire Protection Association (NFPA)
section:

Standard 101: Life Safety Code.

(c) Chapter 47, "Referenced Standards," is amended by addition of the following
referenced Standard from the National Fire Protection Association (NFPA)

Section:

Standard 150 Fire and Life Safety in Animal Housing Facilities.