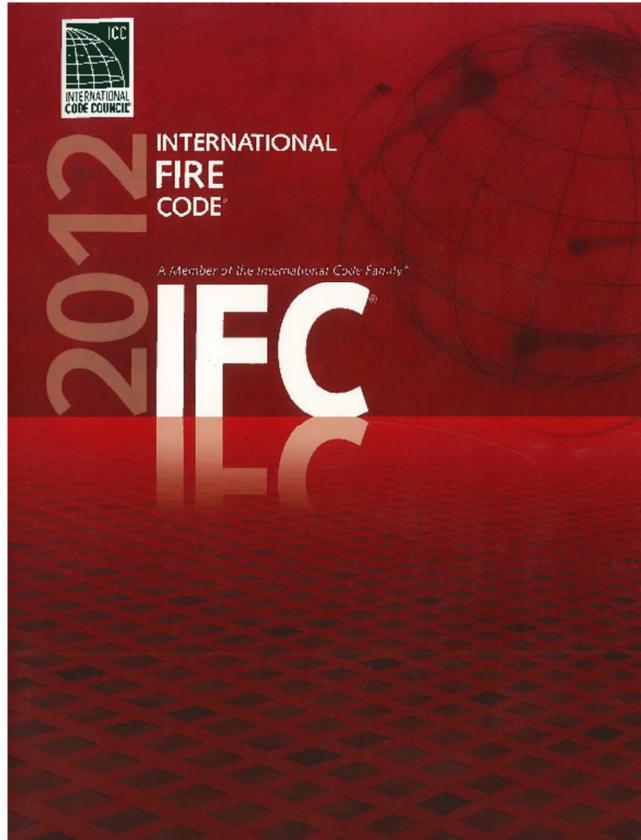


# *Village of Carol Stream*

## Local Amendments to ICC International Fire Code, 2012 Edition



**Community Development Department**

**(630)871-6230**

**communitydevelopment@carolstream.org**

7/1/14



# *Village of Carol Stream*

## **Community Development Department**

Local Amendments to ICC International Fire Code, 2012 Edition

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**AMENDMENTS TO CHAPTER 1**

**CHAPTER 1  
ADMINISTRATION**

**SECTION 101  
GENERAL**

**101.1 Title.** These regulations shall be known as the *Fire Code* of the Village of Carol Stream, hereinafter referred to as “this code.”

**SECTION 102  
APPLICABILITY**

**102.7 Referenced codes and standards.** The codes and standards referenced in this code shall be those listed in Chapter 80, and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference as amended by the Village of Carol Stream and as further regulated by Sections 102.7.1 and 107.2 through 102.7.4.

**102.7.3 Plumbing code.** All references to the *International Plumbing Code* shall be construed to refer to the pertinent sections of the *Illinois Plumbing Code* as amended and adopted by the Village of Carol Stream.

**102.7.4 Building code.** All references to the *International Building Code* shall be construed to refer to the Building Code as amended and adopted by the Village of Carol Stream.

**SECTION 103  
DEPARTMENT OF FIRE PREVENTION**

**103.1 General.** The ~~department of fire prevention~~ Fire Prevention Bureau is established within the jurisdiction under the direction of the fire code official. The function of the ~~department~~ bureau shall be the implementation, administration and enforcement of the provisions of this code. The President and Board of Trustees of the Village of Carol Stream are hereby authorized to enter into contracts or agreements with the Carol Stream Fire Protection District, which can be modified from time to time, for the various functions of the Fire Prevention Bureau.

**103.2 Appointment.** The ~~fire code official shall be~~ Fire Chief of the Carol Stream Fire Protection District, as appointed by the chief appointing authority of the ~~jurisdiction~~ District, shall serve as the fire code official; and the fire code official shall not be removed from office except for cause and after full opportunity to be heard on specific and relevant charges by and before the appointing authority.

**SECTION 105  
PERMITS**

**105.6 Required operational permits.** The fire code official is authorized to issue operational permits for the ~~operations set forth in~~ use and handling of any quantity of explosive material, fireworks, or pyrotechnic special effects within the scope of Chapter 33. Sections 105.6.1 through 105.6.46 shall be deleted in their entirety.

**SECTION 108  
BOARD OF APPEALS**

**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 shall be and is hereby created a board of appeals. ~~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. The Board of Appeals shall consist of the President and Board of Trustees of the Village of Carol Stream. The President shall serve as Chairman and the Village Clerk shall serve as Secretary. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official.

**108.2 Limitations on authority.** An application for appeal shall be based on a claim that the intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent method of protection or safety is proposed. The board shall have no authority to waive the requirements of this code.

~~**108.3 Qualifications.** The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to hazards of fire, explosions, hazardous conditions or fire protection systems, and are not employees of the jurisdiction.~~

**108.4 Fees.** Fees for appeal hearings shall be in accordance with Chapter 6, Article 13 of the Carol Stream Municipal Code.

**108.5 Jurisdiction.** The Board of Appeals shall have no jurisdiction to hear an appeal when the facts and issues raised in the application for appeal are subject of a quasi-criminal complaint brought in the name of the Village charging a violation of the Code of Ordinances of the Village. The filing of such a complaint shall constitute a determination that a decision of the building official, refusing to grant a modification of the provisions of this code, is correct. Any appeal pending at the time of filing of such a complaint shall be dismissed for want of jurisdiction.

**SECTION 109  
VIOLATIONS**

**109.4 Violation penalties.** Persons 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 issued under provisions of this code, shall be guilty of a code violation, punishable by a fine of not less than seventy-five dollars (\$75.00) or more than seven hundred and fifty dollars (\$750.00) for each separate offense, ~~dollars or by imprisonment not exceeding [NUMBER OF DAYS], or both such fine and imprisonment.~~ Each day that a violation continues after due notice has been served shall ~~be deemed constitute~~ a separate offense. In addition to a fine, the court may impose a period of conditional discharge as defined in 730 ILCS 5/5-1-4 or court supervision as defined in 730 ILCS 5/5-1-21 of the Criminal Code for a period of up to six (6) months, an order of restitution, an order to perform community service, an order to complete an education program and/or any other appropriate penalties or conditions authorized in any section of this code or ordinance or any conditions for conditional discharge set forth in 730 ILCS 5/5-6-3 or for court supervision in 730 ILCS 5/5-6-3.1 as the foregoing are amended from time to time.

**SECTION 111  
STOP WORK ORDER**

**111.4 Failure to comply.** Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$75.00 dollars or more than \$750.00 dollars.

**SECTION 113  
FEES**

**113.2 Schedule of permit fees.** A fee for each permit shall be paid as required, in accordance with Chapter 6, Article 13 of the Carol Stream Municipal Code. ~~the schedule as established by the applicable governing authority.~~

**113.3 Work commencing before permit issuance.** Any person who commences any work, activity or operation regulated by this code before obtaining the necessary permits shall be subject to an additional fee established by the ~~applicable governing authority~~ Village of Carol Stream, which shall be in addition to the required permit fees.

**109.6 Refunds.** The ~~applicable governing authority~~ Village of Carol Stream is authorized to establish a refund policy. Permit fees shall not be refunded for any direct costs to the Village, such as but not limited to consultant plan review fees and fees collected and paid to other entities.

**AMENDMENTS TO CHAPTER 2**

**CHAPTER 2  
DEFINITIONS**

**SECTION 201  
GENERAL**

**201.4 Terms not defined.** Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted meanings such as the context implies. *Merriam Webster's Collegiate Dictionary, 11<sup>th</sup> Edition*, **The current version of the Merriam-Webster Dictionary** shall be considered as providing ordinarily accepted meanings.

**AMENDMENTS TO CHAPTER 3**

**CHAPTER 3  
GENERAL REQUIREMENTS**

**SECTION 311  
VACANT PREMISES**

**311.1 General.** Temporarily unoccupied buildings, structures, premises or portions thereof, including tenant spaces, shall be safeguarded and maintained in accordance with Sections 311.1.1 through 311.1.5.5. Fire protection systems required by this code or the *Building Code* as amended and adopted by the Village of Carol Stream shall be installed, repaired, operated, tested and maintained in accordance with this code. The building owner shall provide updated key holder information as required by the fire code official.

**311.1.3 Resumption of occupancy.** Structures which have been unoccupied for more than 24 consecutive months, or which have been determined to be abandoned in accordance with Section 311.1.1, shall be required to be inspected prior to occupancy. The building or portion thereof to be reoccupied shall be required to be equipped with a full fire protection system in accordance with Chapter 9 of this code.

**SECTION 313  
FUELED EQUIPMENT**

**313.3 Parking.** Motorized vehicles shall only be parked or stored in properly designated areas designed specifically for vehicle parking or storage.

**AMENDMENTS TO CHAPTER 5**

**CHAPTER 5  
FIRE SERVICE FEATURES**

**SECTION 503  
FIRE APPARATUS ACCESS ROADS**

**503.6 Security Gates.** The installation of security gates across a fire apparatus access road or entrance shall be approved by the fire chief code official. Where security gates are installed, they shall have an approved means of emergency operation. Security gates shall be equipped with an approved key switch that activates the operation of the gate. The key switch and its location shall be approved by the fire code official. At properties equipped with security gates, provisions shall be made for securing the gate in a locked position using a double padlock system, consisting of the occupant's padlock and a padlock approved for this use by the fire code official. The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F 2200.

**SECTION 505  
PREMISES IDENTIFICATION**

**505.1 Address identification.** New and existing buildings shall be have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of 4-6 inches (101.6- 152 mm) high with a minimum stroke width of 0.5 inch (12.7 mm) in width. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. Address numbers shall be maintained.

**AMENDMENTS TO CHAPTER 9**

**CHAPTER 9  
FIRE PROTECTION SYSTEMS**

**SECTION 903  
AUTOMATIC SPRINKLER SYSTEMS**

**903.2 Where required.** Approved automatic sprinkler systems in new buildings and structures shall be provided in ~~the locations described in Sections 903.2.1 through 603.2.12.~~ all occupancies, buildings and structures. Sections 903.2.1 through 903.2.10 shall be deleted in their entirety.

**Exceptions:**

1. Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour fire barriers constructed in accordance with Section 707 of the International Building Code or not less than 2-hour horizontal assemblies constructed in accordance with Section 711 of the International Building Code, or both.
2. Accessory buildings or structures in any occupancy group with the exception of Group H occupancies, provided the building or structure is less than 1,500 square feet in floor area, is a minimum of 30 feet away from the primary building or other outside structures, is no more than one story in height, has no basement or lower level, is not used for sleeping or as a dwelling unit, and is accessible for firefighting purposes on at least three sides.

**903.2.11 Specific buildings areas and hazards.** In all occupancies other than Group U, an automatic sprinkler system shall be installed for building design or hazards in the locations sets forth in Sections 903.2.11.1 through 903.2.11.6.

**903.2.11.1 Stories without openings.** An automatic sprinkler system shall be installed throughout all stories, including basements, of all buildings, where the floor area exceeds 1,500 square feet (139.4 m<sup>2</sup>) and where there is not provided at least one of the following types of exterior wall openings:

1. ~~Openings below grade that lead directly to ground level by an exterior stairway complying with Section 1009 or an outside ramp complying with Section 1010. Openings shall be located in each 50 linear feet (15 240 mm), or fraction thereof, of exterior wall in the story on at least one side. The required openings shall be distributed such that the lineal distance between the adjacent openings does not exceed 50 feet (15 240 mm).~~

- ~~2. Openings entirely above the adjoining ground level totaling at least 20 square feet (1.86 m<sup>2</sup>) in each 50 linear feet (15 240 mm), or fraction thereof, of exterior walls in the story on at least one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet (15 240 mm). The height of the bottom of the clear opening shall not exceed 44 inches (1118 mm) measured from the floor.~~

**903.3 Installation requirements.** Automatic sprinkler systems shall be designed and installed in accordance with Sections 903.3.1 through 903.3.7.

**903.3.2 Quick-response and residential sprinklers.** Where automatic sprinkler systems are required by this code, quick-response or residential automatic sprinklers shall be installed in the following areas in accordance with Section 903.3.1 and their listings:

1. Throughout all spaces within a smoke compartment containing patient sleeping units in Group I-2 in accordance with the *International Building Code*.
2. Throughout all spaces within a smoke compartment containing treatment rooms in ambulatory care facilities.
3. Dwelling units and sleeping units in Group I-1 and R occupancies.
4. ~~Light hazard occupancies as defined in NFPA 13.~~

**903.3.5 Water supplies.** Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the *International Illinois Plumbing Code* as adopted and amended by the Village of Carol Stream. Hydrant water flow data used for the design of any sprinkler system shall be no more than one year old.

**903.3.5.1 Domestic services.** Where the domestic service provides the water supply for the automatic sprinkler system, the supply shall be in accordance with this section.

**Exception:** Domestic water services for all buildings and structures other than one- and two-family dwellings shall be separate from the water supply for automatic sprinkler systems unless approved by the fire code official.

**903.4 Sprinkler system supervision and alarms.** All valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures and water-flow switches on all sprinkler systems shall be electrically supervised by a listed fire alarm control unit.

**Exceptions:**

1. Automatic sprinkler systems protecting one- and two-family dwellings.
2. ~~Limited area systems serving fewer than 20 sprinklers.~~
3. ~~Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic water and the automatic sprinkler system, and a separate shutoff valve for the automatic sprinkler system is not provided.~~
4. Jockey pump control valves that are sealed or locked in the open position.
5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.

6. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
7. Trim valves to pressure switches in dry, preaction and deluge sprinkler systems that are sealed or locked in the open position.

**903.4.1 Monitoring.** Alarm, ~~supervisory~~ and trouble signals shall be distinctly different and shall be automatically transmitted to an approved supervising station ~~or, when approved by the fire code official, shall sound an audible signal at a constantly attended location.~~

**903.4.2 Alarms.** An approved audible device, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.

**903.4.2.1 Audio/visual indicating devices.** In addition to the required water-flow alarm device, a weather-tight visual exterior warning device shall be provided above the fire department hose connection. The warning device strobe shall be red in color.

**903.4.2.2 Alarm-indicating appliances (audio/visual devices).** Alarm-indicating appliances (audio/visual devices) shall be provided, seen and heard in all areas of every building in accordance with the requirements of NFPA 72. All sprinklered buildings shall be provided with occupant notification devices as approved by the fire code official.

**903.4.2.3 Fire sprinkler inspection test valves.** Inspection test valves shall be provided in the most practical area remote from the riser. Inspection test valves shall be accessible at all times and located no more than six feet above the finished floor. On multiple-riser systems, inspection test valves shall be marked to indicate which riser and area is controlled by each valve.

**903.4.3 Floor control valves.** Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor in ~~high-rise~~ **multiple-story** buildings.

**903.4.4 Supplemental detection.** Where automatic sprinklers provide protection to an area with an approved water-flow switch interconnected to the fire alarm system, and the area is easily identifiable as to the location of the activation, automatic smoke detectors are not required. When a building has numerous rooms protected by a zoned sprinkler system, automatic smoke detectors may be required by the fire code official in order to provide a rapid means to identify the location of smoke or fire.

**Section 903.7 Additional automatic sprinkler system design requirements.** All automatic sprinkler systems shall comply with these additional design requirements:

1. The design pressure used to design the sprinkler system shall be the actual municipal system pressure for the site less a factor of safety. The factor of safety shall be a

minimum of 10 psi or 10 percent of the design pressure required by this *Code*, whichever is greater.

2. A floor plan showing the sprinkler and alarm zones shall be provided in the sprinkler riser room. The plan shall be affixed to the wall at a location approved by the fire code official.
3. A copy of the hydraulic nameplate with hydraulic calculations shall be provided on each design drawing, for each hydraulically calculated area.

## SECTION 905 STANDPIPE SYSTEMS

**905.3.1 Building height.** Class III standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than ~~30 feet (9144 mm)~~ 25 feet (7620 mm) above the lowest level of fire department vehicle access, or where the floor level of the lowest story is located more than ~~30 feet (9144 mm)~~ 25 feet (7620 mm) below the highest level of fire department vehicle access.

## SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

**907.2.1 Group A.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies ~~where the occupant load due to the assembly occupancy is 300 or more.~~ Group A occupancies not separated from one another in accordance section 707.3.9 of the *International Building Code* shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

~~**Exception:** Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.~~

**907.6.3 Zones.** Each floor shall be zoned separately and a zone shall not exceed 22,500 square feet (2090 m<sup>2</sup>). The length of any zone shall not exceed 300 feet (91 440 mm) in any direction.

**907.6.3.3 Zone disconnection.** All fire alarm systems shall be capable of disconnection of a zone at the control panel. Disconnection of a zone shall cause the fire alarm system to transmit a trouble signal.

**907.6.5 Monitoring.** Fire alarm systems required by this chapter or by the *International Building Code* shall be monitored by an approved supervising station in accordance with NFPA 72.

**Exception:** Monitoring by a supervising station is not required for:

1. Single- and multiple-station smoke alarms required by Section 907.2.11.
2. Smoke detectors in Group I-3 occupancies.
3. Automatic sprinkler systems in one- and two-family dwellings.

**907.6.5.3 Wireless radio fire alarm systems.** All new fire alarm systems shall transmit trouble, supervisory, and fire signals via a wireless transmitter in accordance with NFPA 72. Transmitter equipment shall be approved by the fire code official.

**SECTION 910  
SMOKE AND HEAT REMOVAL**

**910.1 General.** Where required by this code or otherwise installed, smoke and heat vents or mechanical smoke exhaust systems and draft curtains shall conform to the requirements of this section. Buildings or portions thereof in all occupancies of Groups A, E, F, I, M, and S having more than 30,000 square feet (2787 m<sup>2</sup>) in floor area shall be provided with a mechanical smoke exhaust system.

**Exceptions:**

- ~~1. Frozen food warehouses used solely for storage of Class I and Class II commodities where protected by an automatic sprinkler system.~~
2. Where areas of buildings are equipped with early suppression fast-response (ESFR) sprinklers, automatic smoke and heat vents shall not be required within these areas.

**910.2 Where required.** Smoke and heat vents shall be installed in the roofs of buildings or portions thereof occupied for the uses set forth in Sections 910.2.1 and 910.2.2.

**910.2.1 Group F-1 or S-1.** Buildings and portions thereof used as a Group ~~F-1 or S-1~~ **F or S** occupancy having more than 50,000 square feet (4645 m<sup>2</sup>) of undivided area shall provide smoke and heat vents as follows:

1. For buildings greater than or equal to 30,000 square feet in undivided area, a mechanical system is required
2. For buildings less than 30,000 square feet in undivided area, a mechanical system or smoke and heat vents can be used.

**Exception:** Group S-1 aircraft repair hangars.

## AMENDMENTS TO CHAPTER 10

### CHAPTER 10 MEANS OF EGRESS

#### SECTION 1007 ACCESSIBLE MEANS OF EGRESS

**1007.1 Accessible means of egress required.** Accessible means of egress shall comply with this section **and the current version of the Illinois Accessibility Code**. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress is required by Section 1015.1 or 1021.1 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.

**Exceptions:**

- ~~1. Accessible means of egress are not required in alterations to existing buildings.~~
2. One accessible means of egress is required from an accessible mezzanine level in accordance with Section 1007.3, 1007.4 or 1007.5.
3. In assembly spaces with sloped or stepped aisles, one accessible means of egress is permitted where the common path of travel is accessible and meets the requirements of Section 1025.8.

#### SECTION 1008 DOORS, GATES AND TURNSTILES

**1008.1.9 Door operations.** Except as specifically permitted by this section egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

**1008.1.9.3 Locks and latches.** Locks and latches shall be permitted to prevent operation of doors where any of the following exists:

1. Places of detention or restraint.
- ~~2. In buildings in occupancy Group A having an occupant load of 300 or less, Groups B, F, M and S, and in places of religious worship, the main exterior door or doors are permitted to be equipped with key operated locking devices from the egress side provided:~~
  - ~~2.1. The locking device is readily distinguishable as locked,~~
  - ~~2.2. A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. The sign shall be in letters 1 inch (25 mm) high on a contrasting background.~~
  - 2.3. The use of the key-operated locking device is revocable 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 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.
5. Fire doors after the minimum elevated temperature has disabled the unlatching mechanism in accordance with listed fire door test procedures.

**[B] SECTION 1011  
EXIT SIGNS**

**1011.3 Illumination.** Exit signs shall be internally ~~or externally~~ illuminated.

**[B] SECTION 1016  
EXIT ACCESS TRAVEL DISTANCE**

**1016.4 Roof Vent Increase.** In buildings which are one story in height, equipped with automatic heat and smoke roof vents complying with Section 910 and equipped with an automatic sprinkler system in accordance with Section 903.1.1, the maximum exit access travel distance shall be 400 feet for occupancies F-1 or S-1.

**[B] SECTION 1018  
CORRIDORS**

**TABLE 1018.1  
CORRIDOR FIRE-RESISTANCE RATING**

OCCUPANCY	OCCUPANT LOAD SERVED BY CORRIDOR	REQUIRED FIRE-RESISTANCE RATING (hours)	
		Without sprinkler system	With sprinkler system <sup>c</sup>
H-1, H-2, H-3	All	Not permitted	1
H-4, H-5	Greater than 30	Not permitted	1
A, B, E, F, M, S, U	Greater than 30	1	0
R	Greater than 10	Not permitted	0.5
I-2 <sup>a</sup> , I-4	All	Not permitted	0-1
I-1, I-3	All	Not permitted	1 <sup>b</sup>

a. ~~For requirements for occupancies in Group I-2, see Sections 407.2 and 407.3 of the *International Building Code*.~~

b. ~~For a reduction in the fire-resistance rating for occupancies in Group I-3, see Section 408.8 of the *International Building Code*.~~

c. Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 where allowed.

**AMENDMENTS TO CHAPTER 11**

**CHAPTER 11  
CONSTRUCTION REQUIREMENTS  
FOR EXISTING BUILDINGS**

**SECTION 1103  
FIRE SAFETY REQUIREMENTS  
FOR EXISTING BUILDINGS**

**1103.7** An approved fire alarm system shall be installed in existing buildings and structures in accordance with Sections 11073.7.1 through ~~1103.7.7~~ **1103.7.8** and provide occupant notification in accordance with Section 907.6 unless other requirements are provided by other sections of this code.

**1103.7.8 Smoke and heat detection.** Approved smoke or heat detectors shall be installed and maintained in return air ducts or plenums in each recirculating air system with a capacity of more than 2,000 cfm (0.94 m<sup>3</sup>/sec) in accordance with the *Mechanical Code* as amended and adopted by the Village of Carol Stream. Actuation of the detector shall stop the fan(s) automatically, and the system shall be of the manual-reset type. Automatic fan shutdown is not required where the system is part of an approved smoke control system. The smoke and heat detectors shall not be connected to the fire alarm control panel.

**AMENDMENTS TO APPENDICES A THROUGH J**

The following appendices are hereby adopted as part of the Fire Code of the Village of Carol Stream. All other appendices or portions of appendices are for informational purposes only and are not adopted as part of this *Code*.

**Appendix B – Fire-Flow Requirements for Buildings**

**Appendix H – Hazardous Materials Management Plan (HMMP) and  
Hazardous Materials Inventory Statement (HMIS) Instructions**

