CHAPTER 157: - FIRE CODE

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Section

§ 157.01 - ADOPTION.

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The 2015 International Fire Code, including Appendices D, E, F, and G, has been adopted and codified pursuant to §153.02 of this code. Should any differences between a provision of chapter 157 and any other provision of this code be found, the more restrictive provision, as determined by the fire chief, shall prevail.

~~Various building codes including the 2012 International Fire Code, including appendices D, E, F, and G, have been adopted and codified in section 153.02 of this title. Should any differences between a provision of this title and any provision of this code be found, the more restrictive provision, as determined by the fire chief, shall prevail.~~

~~(Ord. 07-187, passed 12-11-2007; Am. Ord. 10-025, passed 4-13-2010; Am. Ord. 14-040, passed 4-8-2014)~~

§ 157.02 – LOCAL AMENDMENTS TO THE 2015 INTERNATIONAL FIRE CODE.

The 2015~~12~~ International Fire Code is amended and changed as follows:

Section 101.1 Title. is hereby repealed in its entirety and replaced with the following new section:

~~Section 101.1 Title, reads:~~

101.1 Title. These regulations shall be known as the Fire Code of the Village of Schaumburg, hereinafter referred to as "the fire code" or "this code."

Section 108 Board of Appeals. is hereby repealed in its entirety, and replaced with the Appeals Process provisions in Chapter 153.

~~Section 108 Board of Appeals has been deleted. See Section 153.03 of the Village Code for the appeals process.~~

Section 202 Definitions. is hereby amended by adding the following definitions:

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BARBECUE GRILL. Typically a metal appliance with a grate and cover used for cooking in an outdoor environment fueled by wood, charcoal, propane or similar LP gas.

BONFIRE. A large, open air fire, utilized for a planned ceremonial or recreational event purposes, generally associated with a pep rally or celebration.

CHIMENEA. A freestanding front loading fireplace with a bulbous body and usually a vertical smoke vent resembling a small chimney with an opening to view a small fire. Approved chimeneas shall be equipped with a grated door to close off the fireplace opening and a spark arrester atop the stack.

FIRE PIT, PERMANENT or STATIONARY. A custom designed structure, either above and below grade, or wholly below grade, made of stone, masonry, metal or other similar noncombustible material.

FIRE PIT, PREFABRICATED. A prefabricated portable self-contained burning device having legs, a bottom container, screen, and a lid.

OPEN BURNING. The burning of materials wherein products of combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber. Open burning does not include the following:

1. Road flares, smudge pots and similar devices associated with safety or occupational uses typically considered open flames;

2. Recreational fires or use of barbecue grills, chimenea, fire pits and outdoor and portable outdoor fire places.

For the purpose of this definition, a chamber shall be regarded as enclosed when, during the time combustion occurs, only apertures, ducts, stacks, flues or chimney necessary to provide combustion air and permit the escape of exhaust gas are open.

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OUTDOOR FIREPLACE. Similar to an indoor fireplace consisting of a noncombustible base, firebox, chimney and screen; to burn wood, propane and similar gases.

OUTDOOR FIREPLACE, PORTABLE. A portable, outdoor, solid-fuel burning fireplace that may be construed of steel, concrete, clay or other noncombustible material. A portable outdoor fireplace may be open in design, or may be equipped with a small hearth opening and a short chimney or chimney in the top.

PROHIBITED FIRE. The open burning of paper, garbage, refuse, waste, leaves, clippings, wood or other offensive materials.

RECREATIONAL FIRE: An outdoor fire burning materials other than rubbish where the fuel being burned is not contained in an incinerator, outdoor fireplace, portable outdoor fireplace, barbecue grill, or fire pit for pleasure, religious, ceremonial, cooking, warmth or similar purposes.

SECTION 307 (OPEN BURNING, RECREATIONAL FIRES, OUTDOOR FIREPLACES AND FIRE PITS)

307.1. General. A person shall not kindle or maintain or authorize to be kindled or maintained any open burning, recreational fire, or use of an outdoor fire place or fire pit unless conducted and approved in accordance with Section 307.1 herein.

307.1.1. Prohibited open burning. Open burning shall be prohibited when atmospheric conditions or local circumstances make such fires hazardous.

Exceptions:

1) *Prescribed burning for the purpose of reducing the impact of wildland fire when authorized by the fire code official;*
2) *Fires set by a public official in the performance of an official duty or recreational purposes, subject to a permit being issued as specified in Section 307.2. herein;*
3) *Fires used for private recreational purposes, as specified herein; and*
4) *Fires in outdoor fireplaces, portable outdoor fireplaces, chimeneas, portable and permanent/stationary fire pits or barbecue grills designed for cooking food as specified by Subsection 307.4.5. and Section 307.5., herein.*

307.2. Permit required. A permit shall be obtained from the fire code official in accordance with Subsection 105.6.30 of the IFC prior to kindling a fire for recognized cultivation and management of trees (silvicultural), horticultural burns, range or wildlife management practices, prevention or control of disease or pests, or a bonfire. Application for such approval shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled.

307.2.1. Additional authorization. Where required by state or local law or regulations, open burning shall only be permitted with prior approval from the state or local air and water quality management authority, provided that all conditions specified in the authorization are followed.

307.3 Extinguishment authority. When open burning creates or adds to a hazardous situation, or a required permit for open burning has not been obtained, the fire code official is authorized to order the extinguishment of the open burning operation. In the absence of the fire code official, a sworn police officer, sworn firefighter or an authorized representative of the community development department may determine and order the extinguishment of any burning that creates a nuisance by the emission of smoke or noxious gases upon a neighboring property, or contributes to a hazardous condition to health or life safety.

307.4. Location. The location for open burning and recreational fires shall not be less than 50 feet (15,240 mm) from any structure or combustible. In addition, conditions which could cause a fire to spread within 50 feet (15,240 mm) of a structure shall be eliminated prior to ignition.

Exception:
Fires in approved containers that are not less than 15 feet (4,572 mm) from a structure.

307.4.1. Bonfires. A bonfire shall not be conducted within 50 feet (15,240 mm) of a structure or combustible material. In addition, conditions which could cause a fire to spread within 50 feet (15,240 mm) of a structure shall be eliminated prior to ignition.

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307.4.2. Approved fuel. Wood burning recreational fires shall be limited to burning untreated, unpainted, clean, seasoned, dry wood and manufactured fire logs. Propane and other similar gases may also be burned. Burning of processed wood is strictly prohibited.

307.4.3. Supervision. Recreational fires shall be constantly attended by a person over the age of eighteen (18), until the fire is extinguished.

307.4.4. Extinguishment. A minimum of one portable fire extinguisher complying with Section 906 of the IFC, with a minimum 4-A rating or other approved on site fire-extinguishing equipment and material, such as dirt, sand, water, garden hose, or fire extinguisher shall be available when any permanent fire structure, portable outdoor fireplace, chimenea, prefabricated fire pit, permanent/stationary fire pit or bonfire is in use.

307.4.5. Portable outdoor fireplaces. Portable outdoor fireplaces shall be located on a noncombustible, hard, level surface when in use, such as, but not limited to, concrete, paver bricks, or asphalt and be used in accordance with any additional manufacturer's instructions and shall not be operated within 15 feet (3,048 mm) of a structure or combustible material.

307.5. Prefabricated fire pits, chimineas and permanent fire pits.

307.5.1. Structures and Combustibles: Structures and combustibles include, but are not limited to, homes, garages, sheds, playhouses, wood decks and other items that are combustible. Certain distances from all structures and combustibles shall be maintained from all recreational fires as specified in this subsection.

307.5.2. Prefabricated fire pits. Fires may be burned in a fire pit that is a commercially, prefabricated device. All parts, including, but not limited to, screen, lid, and grate shall be used according to the manufacturer's direction.

307.5.2.1 Composition: When in use, prefabricated fire pits and chimineas must be located on a noncombustible, hard, level surface such as, but not limited to, concrete, paver bricks, or asphalt. The total open area of the pit shall be no more than thirty-six inches (36") in diameter and no more than twenty-four inches (24") in height.

307.5.2.2. Clearance: A minimum clearance of fifteen feet (15') from all structures and combustibles, and fifteen feet (15') from a property line shall be maintained for prefabricated fire pits and chimeneas.

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307.5.3. Permanent or stationary fire pits.

307.5.3.1. Composition: Each permanent/stationary fire pit shall be dug into the ground in a manner that will prevent the burn materials from falling out of the fire pit. The above grade portion of the fire pit shall be constructed of stone, masonry, metal, or other similar noncombustible materials. The bottom of the fire pit shall be below grade and shall be comprised of gravel, stone, or dirt. The total open area of the pit shall be no more than thirty-six inches (36") in diameter and no more than twenty-four inches (24") in depth (from the bottom of the fire pit to the top of the above-grade materials. The fire pit shall be surrounded by a noncombustible barrier that is at least six inches (6") above the coals or ash within the fire pit. A ring of sand, dirt, or other noncombustible material at least thirty-six inches (36") wide, shall be provided around the fire pit to provide separation for combustibles. No plant material shall be allowed within said thirty-six-inch (36") ring.

Exception: For permanent/stationary fire pits that burn only propane and natural gas, the total open area and depth of the pit shall be measured for the burning area, not for the entire unit.

307.5.3.2. Clearance. A minimum clearance of fifteen feet (15') from a structure or combustible and fifteen feet (15') from a property line shall be maintained for permanent/stationary fire pits.

307.5.3.3. Permits required. Permanent/stationary fire pits must be permitted and inspected by the Community Development Department, for compliance with applicable building and zoning requirements.

307.6. Odors and fumes. Escape or emission from any open burning, fumes or odors that are detrimental or injurious to the property, health, safety, comfort or welfare of inhabitants of the community, is hereby declared to be a public nuisance, and is punishable by a fine. In addition, immediate fire extinguishment may be ordered pursuant to Section 307.3 herein.

307.7. Smoke generation. All fires must be maintained in such a manner as to minimize the generation of smoke. Smoke that is a result of a smoldering or dying fire shall be prohibited. Generation of such smoke is considered a public nuisance punishable by a fine. In addition, immediate fire extinguishment may be ordered pursuant to Section 307.3 herein.

307.8. Hours and duration. All fires are prohibited between the hours of two o'clock (2:00) A.M. and six o'clock (6:00) A.M. All fires must be extinguished in such a manner that all air to the fire is cut off or the burning material is wet down with water or other fire extinguishing material as listed in Section 307.4.4. herein, until it is cool to the touch. In addition, the recreational fire shall not burn for more than a total of six (6) hours in any twenty-four (24) hour period of time.

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307.9. Inspections. Inspections may be conducted, relative to recreational fires or the equipment used to contain them by the village's fire, police and/or community development department at such times as deemed necessary by the Village, to insure compliance with this section.

Section 308.1.4 ~~International Fire Code~~ Open Flame Cooking Device. ~~Section 308.1.4 is hereby deleted.~~ is hereby repealed in its entirety with no replacement.

Section 510 Emergency Responder Radio Coverage. is hereby deleted in its entirety, and replaced with the provisions contained in chapter 108 (Public Safety Radio Amplification Systems) herein. ~~has been deleted. See Chapter 108 of the Village Code.~~

Section 605.11 Solar Voltaic Power System. is hereby amended by adding the following new section:

605.11.3 Rapid Shutdown. Solar photovoltaic power systems shall be provided with a rapid shutdown function in accordance with NFPA 70. The location(s) of the rapid shutdown controls shall be approved by the fire code official.

Section 901.6.2 Records. is hereby amended by adding the following 2nd sentence~~, add~~:

The owners of a fire alarm system shall maintain a valid fire alarm system maintenance agreement. A current copy of the maintenance agreement, the fire alarm test/inspection report, and the monitoring agreement shall be kept on the premises and be available for inspection.

Section 903.2.1.1 Group A-1. is hereby repealed in its entirety and replaced with the following new section:~~, reads:~~

Group A-1. An automatic sprinkler system shall be provided throughout all buildings containing group A-1 occupancies.

Exception: Buildings 1,000 square feet or less housing group A-1 occupancies.

Section 903.2.1.2 Group A-2. is hereby repealed in its entirety and replaced with the following new section:~~reads:~~

Group A-2. An automatic sprinkler system shall be provided throughout all buildings containing group A-2 occupancies.

Exception: Buildings 1,000 square feet or less housing group A-2 occupancies.

Section 903.2.1.3 Group A-3. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

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Group A-3. An automatic sprinkler system shall be provided throughout all buildings containing group A-3 occupancies.

Exception: Buildings 1,000 square feet or less housing group A-3 occupancies.

Section 903.2.1.4 Group A-4. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

Group A-4. An automatic sprinkler system shall be provided throughout all buildings containing group A-4 occupancies.

Exception: Buildings 1,000 square feet or less housing group A-4 occupancies.

Section 903.2.2. Ambulatory Care Facilities. is hereby repealed in its entirety and replaced with the following new section: ~~, add:~~

~~Group B. An automatic sprinkler system shall be provided throughout all buildings containing group B occupancies.~~

~~*Exception: Buildings 1,000 square feet or less housing group B occupancies other than ambulatory care facilities.*~~

Section 903.2.2 Group B. An automatic sprinkler system shall be provided throughout all buildings containing Group B occupancies.

Exception: Buildings 1,000 square feet or less housing Group B occupancies other than ambulatory care facilities.

Section 903.2.2.1 Ambulatory Care Facilities. An automatic sprinkler system shall be installed throughout the entire floor area containing an ambulatory care facility where either of the following conditions exist at any time:

1. Four or more care recipients are incapable of self-preservation, whether rendered incapable by staff or staff has accepted responsibility for care recipients already incapable.
2. One or more care recipients that are incapable of self-preservation are located at other than the level of exit discharge serving such a facility.

In buildings where ambulatory care is provided on levels other than the level of exit discharge, an automatic sprinkler system shall be installed throughout the entire floor where such care is provided as well as all floors below, and all floors between the level of ambulatory care and the nearest level of exit discharge, including the level of exit discharge.

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Section 903.2.3 Group E. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

Group E. An automatic sprinkler system shall be provided throughout all buildings containing group E occupancies.

Exception: Buildings 1,000 square feet or less housing group E occupancies.

Section 903.2.4 Group F. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

Group F. An automatic sprinkler system shall be provided throughout all buildings containing a group F occupancies.

Exception: Buildings 1,000 square feet or less housing group F occupancies.

Section 903.2.6 Group I. is hereby amended by repealing ~~, delete~~ exceptions 2 and ~~,~~ 3~~, and 4~~ in their entirety without replacement.

Section 903.2.7 Group M. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

Group M. An automatic sprinkler system shall be provided throughout all buildings containing group M occupancies.

Exception: Buildings 1,000 square feet or less housing group M occupancies.

Section 903.2.9 Group S-1. is hereby repealed deleted in its entirety and replaced with the following new section~~, reads~~:

Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing group S-1 occupancies.

Exception: Buildings 1,000 square feet or less housing group S-1 occupancies.

Section 903.2.10 Group S-2. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

Group S-2. An automatic sprinkler system shall be provided throughout all buildings containing group S-2 occupancies.

Exceptions:

1. *Open parking garages.*
2. *Buildings 1,000 square feet or less housing group S-2 occupancies.*

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Section 903.3.1.3 NFPA 13D Sprinkler Systems. is hereby amended by adding the following new section:

Section 903.3.1.3.1 Waterflow Alarms. Local waterflow alarms shall be provided. The local waterflow alarm shall provide an interior audible and exterior audio/visual warning.

~~Section 903.3.8, add:~~

~~Provide an outside access door to the sprinkler riser valve room and fire pump room, or alternative access as approved by the fire code official.~~

Section 903.3. Installation Requirements. is hereby amended by adding the following new section:

903.3.9 Access Door. Provide an outside access door to the sprinkler riser valve room and fire pump room, or alternative access as approved by the fire code official.

Section 903.4.3 Floor Control Valves. is hereby repealed in its entirety and replaced with the following new section:

903.4.3 Floor Control Valve Assemblies. Approved supervising indicating control valves, check valves, main drain valves, and flow switches shall be provided at the point of connection to the riser on each floor in all buildings. Control valves, check valves, main drain valves, and flow switches shall also be provided for each individual unit (commercial or business) where the units share a common water supply and have individual entrances.

Exception: The floor control valve, check valve, main drain valve, and flow switch shall not be required where sprinklers on the top level of a multistory building are supplied by piping on the floor below.

Section 903.6 Where Required in Building and Structures. is amended by adding the following new sections~~, add~~:

903.6.1 Buildings having floors used for human occupancy located more than 75 feet above the lowest level of fire department vehicle access shall be required to install an automatic sprinkler system throughout the building in accordance with NFPA 13.

903.6.2 Any building being converted into condominiums shall be protected throughout by an automatic sprinkler system in compliance with the International Building Code and International Fire Code, as amended. Conversion buildings up to and including four stories in height may comply with the sprinkler system design and installation requirements of NFPA 13R, in lieu of NFPA 13 upon written approval of the fire chief. Said approval shall be based upon the fire chief's opinion that the existing construction features of the building being converted do not create a significant hazard to firefighters or building occupants.

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~~903.6.1 Amortization of non compliant automatic sprinkler systems. Buildings having floors used for human occupancy located more than 75 feet above the lowest level of fire department vehicle access shall be required to install an automatic sprinkler system throughout the building in accordance with NFPA 13. The amortization for automatic sprinkler systems shall be as follows: 1) A construction permit application shall be submitted by June 30, 2005. 2) A minimum of 20% of the automatic sprinkler system work shall be completed and functional by June 30, 2006. 3) A minimum of 40% of the automatic sprinkler system work including all hazardous areas shall be completed and functional by June 30, 2008. 4) A minimum of 60% of the automatic sprinkler system work shall be completed and function by June 30, 2010. 5) The automatic sprinkler system shall be 100% complete and functional by June 30, 2012. 6) In the event the automatic system is not 100% complete by June 30, 2012, the owner may submit a written request to the fire chief requesting a two-year extension to June 30, 2014. A request for extension may only be granted if the fire chief determines 80% of the automatic sprinkler system is completed and functional.~~

~~903.6.2 Any building being converted into condominiums shall be protected throughout by an automatic sprinkler system in compliance with the International Building Code and International Fire Code, as amended.~~

~~Conversion buildings up to and including four stories in height may comply with the sprinkler system design and installation requirements of NFPA 13R, in lieu of NFPA 13 upon written approval of the fire chief. Said approval shall be based upon the fire chief's opinion that the existing construction features of the building being converted do not create a significant hazard to firefighters or building occupants.~~

Section 903 Automatic Sprinkler Systems. is hereby amended by adding the following new section:

903.7 Level 3 ~~a~~Alterations. Automatic sprinkler systems shall be provided throughout Group A, B, E, F, H, I, M and S structures that exceed 2,000 square feet where a level 3 alteration occurs as classified in the International Existing Building Code. All work requiring a permit done within any three-year period contributes to the fifty percent (50%) threshold required for a level 3 alteration.

Exceptions:

1. *Open parking garages.*
2. *If the building does not have sufficient municipal water supply available within 200 feet of the property line for design of a fire sprinkler system without the installation of a new fire pump.*

Section 904.12 Commercial Cooking Systems. is hereby amended by adding the following new sections:

Section 904.12.7 (Special Provisions for Water-Based Fire-Extinguishing Systems for Commercial Cooking Systems). Water-based commercial cooking systems shall be supplied from the building automatic sprinkler system through a connection located between the system check valve and alarm valve.

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Exception: Buildings without an automatic sprinkler system.

Section 904.12.7.1 (Control Valve). A separate, readily accessible, indicating-type control valve shall be provided on all water-based fire-extinguishing systems for commercial cooking systems. The control valve shall be monitored by the building fire alarm system.

Exception: The control valve shall activate a local alarm for buildings without a fire alarm system.

Section 906.1 Where Required. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

Section 906.1. Where Required. Portable fire extinguishers shall be installed ~~(1)~~ ~~I~~in all new and existing occupancies.

Section 906.3 Size and Distribution. is hereby ~~be~~ amended by repealing ~~to delete~~ the first sentence in its entirety and replacing it with the following new sentence~~and add as follows~~:

The minimum accepted extinguisher rating for use, unless a more restrictive provision is noted elsewhere, shall be 4A:60BC (10 lb typical). Extinguisher spacing shall be based on 3,500 square feet or 75 feet maximum travel unless a more restrictive provision is noted elsewhere.

Table 906.3 (~~,~~1) is hereby ~~be~~ repealed~~deleted~~ in its entirety without replacement.

Section 907.1.3 Equipment. is hereby amended by adding the following sentence~~, add~~:

All fire alarm systems shall be of the addressable type and shall be installed per NFPA 72.

Section 907.2 Where required - new buildings and structures. is hereby ~~be~~ amended by ~~to~~ adding the following sentence immediately after the subsection title ~~as follows~~: ~~after the words "Where required - new buildings and structures":~~

Those occupancies and buildings where either level 2 or level 3 alterations and/or a change of occupancy classification occurs as classified in the 2015 International Existing Building Code.

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Section 907.2.1 Group A. is hereby repealed in its entirety and replaced with the following new section:~~, reads~~:

907.2.1 (Group A)

A manual fire alarm system and an automatic fire detection system shall be installed throughout all buildings containing A-1, A-2, A-3, A-4, and A-5 occupancies

Exceptions:

1. *A-1, A-2, A-3, and A-4 occupancies having an occupant load of less than 50.*
2. *A-5 occupancies having an occupant load less than 300.*
3. *Where an automatic sprinkler system is provided throughout the building and connected to the building fire alarm system, an automatic fire detection system is not required unless otherwise specified.*

Section 907.2.2 Group B. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

907.2.2 (Group B)

A manual fire alarm system and an automatic fire detection system shall be installed throughout all buildings containing group B occupancies.

Exceptions:

1. *Occupancies having an occupant load of less than 50 and having direct exiting to the building exterior.*
2. *Where an automatic sprinkler system is provided throughout the building and connected to the building fire alarm system, an automatic fire detection system is not required unless otherwise specified.*

~~**Section 907.2.2.1** add: A manual fire alarm system shall be installed throughout all building containing ambulatory care facilities.~~

Section 907.2.2 Group B. is amended by adding the following new section:

907.2.2.2 Manual Fire Alarm System. A manual fire alarm system shall be installed throughout all building containing ambulatory care facilities.

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Section 907.2.3 Group E. is hereby repealed in its entirety and replaced with the following new section:

907.2.3 (Group E), reads:

A manual fire alarm system and an automatic fire detection system shall be installed throughout all buildings containing group E occupancies. Activation of the fire alarm in Group E occupancies shall initiate a signal using an emergency voice/alarm communication system in accordance with Section 907.5.2.2 herein.

Exception: Where an automatic sprinkler system is provided throughout the building and connected to the building fire alarm system, an automatic fire detection system is not required unless otherwise specified.

Section 907.2.4 Group F. is hereby repealed in its entirety and replaced with the following new section:

907.2.4 (Group F and S) Section 907.2.4, reads:

A manual fire alarm system and an automatic fire detection system shall be installed throughout all buildings of containing group F and S occupancies.

Exceptions:

1. Occupancies having an occupant load of less than 50 and having direct exiting to the building exterior.

2. Where an automatic sprinkler system is provided throughout the building and connected to the building fire alarm system, an automatic fire detection system is not required unless otherwise specified.

3. An automatic fire detection system is not required in open parking garages.

Section 907.2.5 Group H. is hereby repealed in its entirety and replaced with the following new section, reads:

907.2.5 Group H.

A manual fire alarm system shall be installed in all group H occupancies. An automatic smoke detection system shall be installed for highly toxic gases, organic peroxides and oxidizers in accordance with **Chapters 60 Highly Toxic and Toxic Materials., Chapter 62 Organic Peroxides., and Chapter 63 Oxidizers, Oxidizing Gases and Oxidizing Cryogenic Fluids.**, herein~~Chapters 60, 62, and 63, respectively~~.

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Section 907.2.6 Group I. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

907.2.6 Group I.

A manual fire alarm and an automatic detection system shall be installed throughout all buildings containing group I occupancies.

Section 907.2.7 Group M. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

907.2.7 Group M.

A manual fire alarm system and an automatic fire detection system shall be installed throughout all buildings containing group M occupancies.

Exceptions:

1. *Occupancies having an occupant load less than 50 and having direct exiting to the building exterior.*
2. *Where an automatic sprinkler system is provided throughout the building and connected to the building fire alarm system, an automatic fire detection system is not required unless otherwise specified.*

Section 907.2.8.1 Manual Fire Alarm Systems. is hereby amended by ~~repealing delete~~ exceptions 1 and 2 in their entirety without replacement.

Section 907.2.8.3 Smoke Alarms. is hereby repealed in its entirety and replaced with the following new section:~~, reads~~:

907.2.8.3 Smoke Alarms Smoke alarms shall be installed as required by section 907.2.11. The smoke alarms shall be connected to an emergency electrical system and shall be annunciated by guestroom at a constantly attended location from which the fire alarm system is capable of being manually activated.

Section 907.2.9 Group R-2. is hereby repealed in its entirety and replaced with the following new section~~, reads~~:

907.2.9 Group R-2.

Manual fire alarm and an automatic detection system shall be installed throughout all buildings containing group R-2 occupancies.

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Exceptions:

1. *Buildings not more than two (2) stories in height where all dwelling units and contiguous attic and crawl spaces are separated from each other by at least a one (1) hour fire partition and each dwelling unit has an exit directly to a public way, exit court, or yard.*

2. *Where an automatic sprinkler system is provided throughout the building and connected to the building fire alarm system, an automatic fire detection system is not required unless otherwise specified.*

Section 907.3.3 Elevator Emergency Operation. is hereby amended by ~~,~~ adding the following new paragraph:

In buildings having elevators and a fire alarm system, all elevators shall, upon sounding of the building's general alarm signals, have the elevator automatically return to the first or designated alternate floor. Control of the elevator shall be under the direction of the fire department during the emergency. Normal operating procedures shall remain inactive until restored by authorized personnel.

Section 907.5.2 Alarm Notification Appliances. is hereby amended by ~~,~~ adding the following new sections:

907.5.2.1.3 Audible alarm notification devices shall be provided on the building exterior where required by the fire code official.

~~**Section** **907.5.2.3.54**~~ Visible alarm notification devices shall be provided on the building exterior where required by the fire code official.

Section 907.6.4 Zones. is hereby amended by adding the following new section:

907.6.4.3 Zone maps. Fire alarm zone maps shall be provided at all fire alarm control panels, annunciator panels, fire command center, and any other location as determined by the fire official. The zone maps shall provide the locations of all fire alarm initiating devices on a floor plan.

~~Section 907.6.5~~

~~All fire alarm and suppression systems shall be monitored in accordance with this section.~~

~~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 1-3 Occupancies.~~

~~3. Automatic sprinkler systems in one and two family dwellings.~~

~~Section 907.6.5 be amended to add the following sentence at the end of the paragraph:~~

~~All fire alarm systems shall be monitored by a listed central station. Any fire alarm systems applied for or installed after passage of this ordinance shall transmit~~

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~~trouble, supervisory, and fire signals to a listed central station via a wireless transceiver in accordance with NFPA 72. Existing hard wired installations shall meet the requirements for wireless systems when any of the following occurs:~~

~~1. An alarm has been in a trouble condition or out of service for a time period of more than 30 days as a result of a problem with the dedicated telephone fire alarm circuit.~~

~~2. An alarm has experienced three or more line trouble conditions lasting 48 hours or more in any twelve month period.~~

~~3. When an existing contract with a monitoring agency (central station) ends and a new alarm contract is entered.~~

~~Section 907.6.5.1 add:~~

~~All new fire alarm and fire suppression systems shall transmit fire, supervisory, and trouble signals to the Village of Schaumburg's designated remote supervising station via a wireless transmitter in accordance with NFPA 72.~~

~~Section 907.6.5.2 add:~~

~~All existing fire alarm and fire suppression systems shall transmit fire, supervisory, and trouble signals to the Village of Schaumburg's remote supervising station via a wireless transmitter in accordance with NFPA 72 when any of the following occurs:~~

~~a. When an existing contract with a monitoring agency (central station) ends.~~

~~b. When the existing fire alarm equipment is modified or replaced.~~

~~c. Prior to August 31, 2019.~~

~~Exception: Extensions may be granted for contracts with a monitoring agency (central station) existing at the effective date of the ordinance that extend beyond August 31, 2019 and upon a determination by the Fire Chief that the public safety is not affected, but no longer than 2021.~~

Section 907.6.6 Monitoring. is hereby repealed in its entirety and replaced with the following new section:

907.6.6 Monitoring. All fire alarm and suppression systems shall be monitored in accordance with this section.

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 1-3 Occupancies.*
3. *Automatic sprinkler systems in one- and two-family dwellings.*

907.6.6.1 Wireless Monitoring. All fire alarm systems shall be monitored by a listed central station or remote supervising system. Any fire alarm systems applied for or installed after this local code amendment was enacted shall transmit trouble, supervisory, and fire signals to a listed central station or remote supervising system via a wireless transceiver in accordance with NFPA 72. Existing hard wired installations shall meet the requirements for wireless systems when any of the following occurs:

1. An alarm has been in a trouble condition or out of service for a time period of more than 30 days as a result of a problem with the dedicated telephone fire alarm circuit.

2. An alarm has experienced three or more line trouble conditions lasting 48 hours or more in any twelve-month period.

3. When an existing contract with a monitoring agency (central station) ends and a new alarm contract is entered.

907.6.6.2 New Fire Alarm and Fire Suppression Systems. All new fire alarm and fire suppression systems shall transmit fire, supervisory, and trouble signals to the village's designated remote supervising station via a wireless transmitter in accordance with NFPA 72.

907.6.6.3 Amortization of Existing Fire Alarm and Fire Suppression Systems. All existing fire alarm and fire suppression systems shall transmit fire, supervisory, and trouble signals to the village's designated remote supervising station via a wireless transmitter in accordance with NFPA 72 when any of the following occurs:

a. When an existing contract with a monitoring agency (central station) ends.

b. When the existing fire alarm equipment is modified or replaced.

c. Prior to August 31, 2019.

Exception: Extensions may be granted for contracts with a monitoring agency (central station) existing at the effective date of the ordinance that extend beyond August 31, 2019 and upon a determination by the Fire Chief that the public safety is not affected, but no longer than August 31, 2021.

Section 912.4 Access. is hereby amended by adding the following new section:

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912.4.4 Concrete Path and Pad. Any fire department connection located behind or within landscaping or vegetation shall have a concrete path from the sidewalk or closest public way to the connection. A concrete pad of not less than 36 inches by 36 inches shall also be provided at the fire department connection.

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Section 1008.3.2 Buildings. shall be amended by repealing the introductory sentence of this section in its entirety and replacing it with the following new sentence:

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

Section 1008.3.3 Rooms and Spaces. shall be repealed in its entirety and replaced with the following new section:

1008.3.3. Rooms and Spaces. In the event of power supply failure, an emergency electrical system shall automatically illuminate all of the following areas:

1. Public and private washrooms with an area greater than 300 square feet.
2. Locker and dressing rooms.
3. Lunch or break rooms.
4. Conference or assembly rooms.
5. Exercise rooms.
6. Examination rooms.
7. Electrical equipment and emergency generator rooms.
8. ~~1.~~ Fire pump and sprinkler rooms.
9. Fire command centers.

Section 1011.12 Stairway to Roof. is hereby repealed in its entirety and replaced with the following new section:

1011.12 Stairway to Roof. In buildings four or more stories above grade plane, one stairway shall extend to the roof surface, unless the roof has a slope steeper than four units vertical in 12 units horizontal (33-percent slope).

Exception: Other than where required by Section 1011.12.1, in buildings without an occupied roof, access to the roof from the top story shall be permitted to be by a ships ladder. A safety post shall be provided for extension above the roof level.

Section 1011.12. Stairway to Roof. is hereby amended by adding the following new section:

1011.12.3 High-rise buildings. In high-rise buildings, one stairway shall provide access to the roof through a penthouse complying with Section 1510.2 of the *International Building Code*.

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Section 1023.3.1 Extension. is hereby repealed in its entirety without replacement.

Section 1103.9 Carbon Monoxide Alarms. is hereby deleted in its entirety and replaced with the following new section:

1103.9 Carbon Monoxide Alarms. Existing Group I-1, I-2, I-4, and R occupancies shall be equipped with carbon monoxide alarms in accordance with Section 915.2. Carbon monoxide alarms shall be listed in accordance with UL 2034.

Appendix D Fire Apparatus Access Roads, Section D107.1 One-or Two-Family Residential Developments. is hereby repealed in its entirety and replaced with the following new section:

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 provided with two separate and approved fire apparatus access roads, and shall meet the requirements of Section D104.3

Exceptions:

1. *Developments having up to 60 dwelling units may have a single approved fire apparatus access roads when all dwelling units are equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3 of this Code.*

2. *The number of dwelling units on a single fire apparatus access road shall not be increased unless fire apparatus access roads will connect with future development as determined by the fire code official.*

Appendix D Fire Apparatus Access Roads., Section D107.2 Remoteness. is hereby repealed in its entirety and replaced with the following new section:

D107.2 Projects Having More Than 60 Dwelling Units. Developments of one- or two-family dwellings where the number of dwelling units exceeds 60 shall be provided with two separate and approved fire apparatus access roads regardless of whether they are equipped with an approved automatic sprinkler system, and shall meet the requirements of Section D104.3 herein.

§ 157.99 – FINES AND PENALTIES.

Any person who violates any provision of this chapter or other adopted fire regulations of the Village may be fined as specified in §10.99 (General Penalty) of this code.

~~(Ord. 07-187, passed 12-11-2007; Am. Ord. 10-025, passed 4-13-2010; Am. Ord. 12-016, passed 2-14-2012; Am. Ord. 14-040, passed 4-8-2014; Am. Ord. 16-007, passed 1-26-2016; Am. Ord. 16-078, passed 8-23-2016)~~

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