

VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL WORKSHOP
OCTOBER 6, 2009 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
Adoption of Updated Building Codes and a Locally Administered Elevator Safety Program.	✓ Resolution ✓ Ordinance Motion Discussion Only	Tom Dabareiner, AICP Community Development Director

SYNOPSIS

Ordinances have been prepared adopting the International Code Council's (ICC) 2006 series of building and fire codes, the 2008 National Electrical Code, and updated amendments to the 2004 State of Illinois Plumbing Code. Additionally, a resolution has been prepared entering the Village into an agreement with the State of Illinois for locally administering an Elevator Safety Program.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals for 2008-2013 identified *Exceptional Municipal Organization* with a supporting objective of *Providing Top Quality Core Services Responsive to Current and Future Community and Citizen Needs*. Also identified was the goal of *Preservation of Our Residential and Neighborhood Character* with a supporting objective of *Homes and Rental Units Up to Code*.

FISCAL IMPACT

N/A

UPDATE & RECOMMENDATION

This item was discussed at the September 22, 2009 workshop. During that meeting, the Village Council requested additional information pertaining to several items. These items are summarized below:

- Whether the use of panning and ductless returns is permitted by the 2009 Energy Conservation Code.
- When the proposed building code updates would go into effect.
- Whether the proposed building codes are more or less restrictive regarding veneer vapor barriers

Regarding the use of panning and ductless returns, a new state law mandates the use of the 2009 Energy Conservation Code. Section 403.2 deals with ducts. Under 403.2.3, "[b]uilding framing cavities shall not be used as supply ducts." However, panning may support return air flow only where the building cavity is completely sealed (403.2.2). This would require additional inspections and observation by Village inspectors.

In addition, the IRC 2006 code further restricts the practice of panning to single floor use. While an HVAC unit would be allowed return air flow via panning from the first floor, a second HVAC unit would be needed to serve a second floor. Based on this, it is likely less expensive and problematic to provide for ducted return air flow to a single HVAC unit. This concern, along with other potential issues indicated in staff's research (centering on mold, fire and cleanliness concerns) was and remains the basis for the recommended amendment. While the recommendation to allow the use of building cavities for heating or cooling non-habitable areas remains part of staff's proposed code amendments, the 2009 Energy Conservation Code now limits this to return air flow only.

Regarding the effective date of the proposed updates to the building codes, upon approval by the Village Council, the updated codes would be effective after 30 days.

Regarding veneer vapor barriers, in the 2007 update to the IRC's 2006 codes, several definitions were changed. Two of these dealt with "Adhered Stone or Masonry Veneer" and "Vapor Retarder Class." In both cases, the new definitions reflect advancements in the materials or installation process, or improvements in the industry's understanding of moisture removal. In both cases the new definitions mean new or refined steps are available to achieve an equal or superior outcome, compared with earlier versions of the building code.

Staff recommends approval on the October 6, 2009 active agenda.

BACKGROUND

The Village's current building code was adopted in April, 2005. The building code that was adopted at that time was the 2000 edition of the ICC codes. Staff is proposing that the Village update to the 2006 edition of the ICC's building and fire codes, and the *2008 National Electrical Code*. These codes would apply to all commercial and residential buildings throughout the community. The 2006 editions are the most widely adopted codes in the western suburbs. Adoption of these codes would be consistent with comparable communities.

Additionally, since 1985, the Village has operated a local elevator safety program with Elevator Inspection Services, Inc. (EIS). This program has consisted of performing plan reviews and inspections for new and existing elevators and other types of vertical conveyances such as escalators, hoists, and platform lifts through a building permit process and annual inspections. The State of Illinois has more recently passed legislation requiring a municipality to enter into an agreement by resolution with The Office of the State Fire Marshall (OSFM) of Illinois to continue to operate a locally administered program and indicate compliance with standards at least as stringent as those of the State. The legislation was prompted by elevator accidents that had occurred in rural areas of the State that had no program in place. Currently, 166 jurisdictions, primarily in the Chicagoland area, have opted to enter into this agreement. If a municipality chose not to operate a local program, the State would directly regulate vertical conveyances within a municipality. Agreeing to the resolution would mean no change to the Village's elevator inspection program and would maintain greater scrutiny than afforded through the state program.

The specific codes targeted for adoption are:

- *2006 International Residential Code* – governs construction of one and two-family residential buildings
- *2006 International Building Code* – governs construction of all other use types
- *2006 Property Maintenance Code* – governs maintenance of all existing buildings and properties.
- *2006 International Fire Code*- governs construction and maintenance of life safety systems in commercial and multi-family buildings
- *2009 Energy Conservation Code*,
- *2006 Fuel Gas Code*,
- *2006 Mechanical Code*,
- *2008 National Electrical Code* - govern new construction in all building types
- (Note: Additional Codes already in place are the *2004 State of Illinois Plumbing Code* and the *2003 NFPA Life Safety Code*)
- Nine industry standards for vertical conveyances from ANSI, ASME, and ASCE, consistent with State requirements – governs the installation and inspection of new and existing elevators, escalators, platform lifts, hoists, and dumbwaiters

Staff emphasized the following key concepts and strategies with the code adoption proposals:

- Align all regulations with specific Strategic Plan goals.
- Produce code books that are as clear and user friendly as possible.
- Reduce the number of local amendments.
- Maintain consistency with existing ordinance provisions of the Municipal Code and provide cross references.
- Enhance clarification of the code books as written.
- Maintain and provide code provisions that address local construction practices.
- Only include amendments that measure up favorably to a benefit/cost analysis.
- Align the Village's regulations with comparable communities.
- Obtain buy-in from the area builders, developers and property managers.

The following list highlights some of the specific key components and that will be accomplished with the proposed updates:

- Several residential construction existing local amendments have been eliminated in order to follow the baseline codes representing recognized industry standards.
- Sections have been reorganized and enhanced to increase the ability to locate and understand regulations for commonly reoccurring questions.
- Several cross references to State regulations, other code book sections, and the Municipal Code have been incorporated to increase usability of all documents.
- Conflicting provisions between various code books have been eliminated as well as provisions that do not apply to this geographic area of the country.
- One overall updated administrative section will exist in the Municipal Code that applies to all the various code books being adopted.
- Some updated definitions and code provisions from the 2007 ICC code development supplement have been incorporated to increase accuracy, add clarity, and assist with code enforcement activities.
- Long standing and recognized enhanced fire safety regulations have been maintained.
- Updates and clarifications have been provided for the pre-occupancy ordinance compliance approval procedure.
- Clarification on materials that can be used for construction in certain zoning districts such as the downtown area has been added.
- State authorized standards have been incorporated that assist with sizing water service supply lines for existing residences that are being remodeled.

Staff requested input on the proposed update from the Downers Grove Chamber of Commerce, contractors, builders, developers, architects and property managers. Staff representatives met with these individuals on three occasions at the Downers Grove Chamber of Commerce. The IRC proposed amendments were presented on May 14, 2009. The Mechanical, Fuel Gas, Energy Conservation, and Property Maintenance Codes were presented on May 21, 2009. The International Building Code, Electrical, Plumbing, and Fire Code were presented on July 16, 2009.

Based on input from this group of stakeholders, some modifications were made to the proposed codes. The adjustments centered on clarifying proposed language. There were helpful dialogues and no unaddressed or significant objections to the updates or the proposed amendments. Staff recommends approval of the building codes as proposed.

ATTACHMENT
Ordinance

ORDINANCE NO. _____

**AN ORDINANCE ADOPTING THE 2006 ICC INTERNATIONAL FIRE CODE
AND AMENDMENTS THERETO**

BE IT ORDAINED by the Village Council of the Village of Downers Grove in DuPage County, Illinois, as follows: (Additions are indicated by ~~shading~~/underline; deletions by ~~strikeout~~):

Section 1. That Section 17.43. is hereby amended to read as follows:

17.43. 2006 ICC International Fire Code - Adoption.

The International Code Council International Fire Code, as promulgated by the International Code Council ("ICC"), being particularly the ~~2000~~2006 edition thereof, is hereby adopted for the purpose of establishing rules and regulations governing conditions hazardous to life and property from fire or explosion. The same is adopted in its entirety, save and except such portions as are hereinafter deleted, modified or amended, and is, together with such amendments, incorporated as fully as if set out at length herein. Said Code, as modified and amended, may be referred to for all purposes as the "Downers Grove Fire Prevention Code" or the "Fire Prevention Code". One copy of said Code, including such amendments to it as shall hereinafter be enacted, shall be filed in the office of the Village Clerk, and additional copies shall be made available by the bureau of fire prevention. (Ord. No. 2857, § 8; Ord. No. 3185, § 2.)

Section 2. That Section 17.44. is hereby amended to read as follows:

17.44. Definitions.

For the purposes of the Fire Prevention Code, the following words and phrases shall have the meanings respectively ascribed to them by this section:

Code official. The person granted the authority to enforce the fire prevention and safety regulations of the Village as set forth in Section 103.2 of the ICC International Fire Code, or his or her designee.

~~—~~*Jurisdiction.* ~~The Village of Downers Grove.~~

Legal representative or legal officer. The Village Attorney for the Village of Downers Grove.

~~—~~*Village.* The Village of Downers Grove.

(Ord. No. 2857, § 8.)

Section 3. That Section 17.45. is hereby amended to read as follows:

17.45. International Fire Code - Amendments.

The deletions from and modifications and amendments to the Fire Prevention Code are as follows:

Section 103.2 is amended by deleting the same in its entirety and by substituting in lieu thereof the following:

~~—~~**103.2. Appointment.** The fire code official shall be appointed by the chief appointing authority of the Village.

~~(+)—~~**Section 108.1** is amended by deleting the same in its entirety and by substituting in lieu thereof the following:

108.1 Appeal procedures. Any person aggrieved by any decision or interpretation of the fire official made under the provisions of this Code may take an appeal to the Building Board of Appeals in accordance with the procedures prescribed in ~~Section 7-9~~Chapter 7, Article IX of the Downers Grove

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Municipal Code.

Section 108.3 is deleted in its entirety.

(2) **Section 109.3** is amended by deleting the same in its entirety and by substituting in lieu thereof the following:

109.3 Violation penalties. Any person, firm or corporation violating any of the provisions of the code or failing to comply with any order issued pursuant to any section thereof shall be guilty of a petty offense, and upon conviction thereof shall be punished as provided in Section 1-15 of the Downers Grove Municipal Code. Each day that a violation continues, after a service of notice as provided for in this Code, shall be deemed a separate offense.

Section 111.4 is amended by adding the following fine amounts:

"not less than seventy-five dollars (\$75.00) or more than seven hundred fifty dollars (\$750.00)"

(3) ~~Section 307.1~~ is amended as follows:

Section 307.1 is amended by deleting the same in its entirety and by substituting in lieu thereof the following:

307.1 General. Open burning shall be allowed only as permitted in Section 13-35 of the Downers Grove Municipal Code.

(4) **Section 307.2 through 307.5.1** ~~307.4.2~~ are deleted in their entirety.

Section 310.1 is deleted in its entirety.

Section 310.6 is deleted in its entirety.

Section 401.2 is amended by deleting the same in its entirety and by substituting in lieu thereof the following:

401.2 Approval. Where required by the fire code official, fire safety plans, emergency procedures and employee training programs shall be approved.

Section 404.2 is amended by deleting the phrase "An approved" and by substituting in lieu thereof the following:

"A"

Section 405.2 is amended by deleting the same in its entirety and by substituting in lieu thereof the following:

405.2 Frequency. Required emergency evacuation drills shall be held at the intervals specified in Table 405.2, or as otherwise directed by the fire code official.

Section 408.11.1.1 is amended by adding the phrase "If required" at the beginning of the beginning of the first sentence.

(5) **Section 503** is amended by adding the following:

503.1.4 Fire lanes on private property used by the public.

a. For private property used by the public such as schools, hospitals, churches, shopping centers, apartment complexes, office complexes, theaters, bowling alleys and similar facilities, fire lanes shall be established and designated in the locations deemed necessary by the fire code official. The owner or occupant of the property shall execute an agreement with the Village allowing the Village to enforce the fire

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lane restrictions by issuing parking tickets for vehicles illegally parked in fire lanes designated under this section. The Village Manager is authorized on behalf of the Village Council to execute agreements with property owners, lessees or managers for the enforcement of fire lane restrictions on private property. Such agreement shall be signed prior to issuance of any applicable building permits for the property.

b. Fire lanes may be established and designated on property as aforesaid where the parking of motor vehicles or other obstructions may interfere with the ingress and egress of Fire Department vehicles for the protection of persons and property.

(6) **Section 503.3** is amended by adding the following to the end of the paragraph:

Fire lanes designated pursuant to this section shall be posted by the owner of the property with signs reading substantially as follows: "No Parking Fire Lane."

Section 607.3 is amended by adding the following at the end of the paragraph:

- (a) At least one key box shall be provided for every two (2) elevators installed.
- (b) At least two (2) keys for firefighter emergency operation shall be provided for each elevator.
- (c) Elevator key boxes shall be located within three (3) feet of an elevator or as approved by the fire code official. An elevator key box shall be within sight of the doors of any elevator.
- (d) The fire department shall be provided with two (2) keys to open the elevator key boxes for every elevator key box installed.

(7) ~~Section 703 is amended by adding the following section:~~

~~**703.5 Marking of Assemblies.** Where fire rated assemblies are installed, they shall be marked at a minimum spacing of 20 feet with appropriate labeling as approved by the authority having jurisdiction. Markings shall include the hour rating of the assembly present. Areas where penetrations in these assemblies are made shall have a label adjacent to the opening protective installed. Labels may be placed above drop ceilings and under carpeting as necessary. Labels shall be of contrasting color and lettering shall be of at least 1/2" in size, legible from the floor level where installed.~~

(8) **Section 901.1** is amended by adding the following sentence:

¶All fire protection systems shall be designed and installed in accordance comply with the requirements of this Code and the Village Alarm Code in Chapter 17, Article VI of the Downers Grove Municipal Code.¶

(9) **Section 901.4** is amended by adding the following at the conclusion thereof:

~~Fire detection and alarm systems shall be installed by an approved UL listed contractor.~~

1. New fire detection and alarm systems shall be installed by a licensed State of Illinois Fire Alarm Contractor who is also an approved UL certificated contractor. The system shall be UL certified, and in accordance with NFPA 72, and the Village Alarm Code in Chapter 17, Article VI of the Downers Grove Municipal Code

2. Repairs, alterations, and replacements to existing fire alarm systems shall be done by a State of Illinois licensed Fire Alarm Contractor in accordance with NFPA 72, and the Village Alarm Code in Chapter 17, Article VI of the Downers Grove Municipal Code as follows:

- a. Existing UL listed fire detection and alarm systems shall only be repaired, altered, or added to by UL certificated contractors.
- b. Existing Non—UL listed fire alarm systems, shall meet all the requirements of NFPA 72 and the Village Alarm Code. Fire Alarm Contractors shall be licensed by the State of Illinois.
- c. Existing Non—UL listed fire alarm systems that are upgraded, altered, added to by fifty percent (50%) or more, as determined by the Fire Code Official, shall be upgraded to an

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UL certified fire alarm system. Where a fire alarm system has installed a new fire alarm panel, it shall be upgraded to an UL certified fire alarm system.

(10) ~~Section 901.4.1~~ is amended by adding the following language at the end of this section:

"and shall continue to be periodically tested pursuant to Chapter 17, Article VI of the Downers Grove Municipal Code. Before any re-occupancy, a test of the system shall be witnessed by the code official."

Section 901.6.1 is amended by adding the following at the end of the paragraph:

"Automatic sprinkler systems shall be inspected annually in accordance with NFPA 25."

Table 901.6.1 is amended by adding the following after "Water-based fire protection systems"

" / Automated sprinkler systems"

(11) ~~Section 901~~ is amended by adding the following section:

901.910 Resetting fire alarm systems. Upon activation of a fire alarm system, the system shall not be reset (restored to a secured or clear condition) by any person until Fire Department personnel are on the scene and direct the system to be reset.

(12) ~~Section 901~~ is amended by adding the following section:

901.1011 Silencing fire alarm systems. Upon activation of a fire alarm system, the system shall not be silenced (alarm devices shut off) by any person until Fire Department personnel are on the scene and direct the system to be silenced.

(13) ~~Section 902.1~~ is amended by adding the following definition:

SIGNIFICANT REMODELING. In areas with a total square footage of greater than one thousand five hundred (1,500) square feet, when the square footage of the remodeling or reconstruction exceeds thirty-five (35%) of the total building occupancy, tenant or suite space. Reconstruction or remodeling square footage shall be determined by the Code Official.

(14) ~~Section 903.1~~ is amended by adding the following language at the conclusion thereof:

903.1 Chapter 9 of the ~~2000~~2006 International Building Code shall not take precedence over any fire protection or life safety system requirements of this ordinance. Any existing building or structure which exceeds the maximum area or height limits of the Downers Grove Building Code, Section 903 and Table 903, shall be equipped with an electrically supervised automatic fire suppression sprinkler system and fire protective signaling system throughout the building in accordance with the provisions of Chapter 17, Article VI of the Downers Grove Municipal Code and the Building Code if:

(a) The building or structure undergoes any significant remodeling, addition of usable floor space, or change of actual use which increases the hazard level in the building in any manner in accordance with the NFPA Life Safety Code and the International Fire Code. Any existing building or structure not exceeding the maximum area limits of Section 903 that undergoes an addition of usable floor space, the addition area shall be added to the existing building area so as to determine the maximum area limits for the installation of a complete sprinkler system in the existing building or structure and the addition thereof; or

(b) The building or structure undergoes a change to a more restrictive use.

Each fire protective signaling system shall be equipped with audio/visual fire alarm warning devices located so as to be seen, and heard effectively above all other sounds, by all occupants in every occupiable space within the building. The sound level of alarm devices shall be at least 15 dBA above the ambient sound level or 5 dBA above the maximum sound level having a duration of at least sixty seconds, whichever is greater, such levels to be measured five feet above the floor level in the occupiable area.

~~(15)~~ **Section 903.3** is amended by adding the following section:

903.3.6.1 High rise structure connections. High rise structures shall carry a five inch stortz to two - 2 1/2 inch siamese adapters as part of the high rise equipment box required under Section 911.1 of the International Building Code.

Exception: A fire department connection having the standard internal threaded swivel fittings of 2 1/2 inches NST may be substituted for the five inch stortz connection with the approval of the authority having jurisdiction where system pressures may exceed hose test pressure or water supply could require an extensive hose lay to the structure.

~~(16)~~ **Section 903.3.7** is amended by adding the following language at the conclusion thereof:

The fire department connections shall be five inch stortz type connectors compatible with the hose couplings currently used by the local fire department and connected to the riser by means of a five inch or larger piping system.

~~(17)~~ **Section 903** is amended by adding the following section:

903.7 Primary System Flow Switches. Where all components of a sprinkler system are individually controlled and send independent zoned alarms, any main flow switches, pump running and other associated primary water flow indicators shall be connected to a supervisory zone. The primary flow indicator will be tied to the external (24 VDC) device which will be non-silenceable as required by NFPA 72 for indication of water flow.

Exception: All devices will be connected in accordance with the requirements as indicated, modification and application of this Code section is subject to the authority having jurisdiction.

~~(18)~~ **Section 903** is amended by adding the following section:

903.8 Dry sprinkler system. All dry pipe systems shall have a dryer on the air compressor to minimize moisture within the system piping.

~~(19)~~ **Section 905.3.1** is amended by adding the following after the word "buildings":

"three or more stories in height".

Section 905.1.1 is further amended by deleting "30 feet" and replacing it with the following:

"twenty-two (22) feet"

~~(20)~~ **Section 906.1(1)** is amended by deleting the first sentence and replacing it with the following:

In all buildings of Use Groups A, B, E, F, H, I-, M, R-1, R-2, R-3 if containing a child care facility, S and U."

~~(21)~~ **Section 906.1(2)** is amended by adding the following to the end of Section 906.1(2):

an extinguisher of a type appropriate to the hazard present (Class K) shall be installed. Wet chemical extinguishers are acceptable and desirable where a fryer application is present.

~~(22)~~ **Section 907** is amended by adding the following:

907.1.3 Power source. The power source for smoke detectors shall be an AC primary source with a battery backup power source. Exception: Smoke detectors powered by DC power from a fire alarm control panel and such panel being (primary) powered by AC power are acceptable if the system is connected to the Village's fire alarm receiving equipment in accordance with the provisions of Chapter 17, Article VI, of the Downers Grove Municipal Code.

907.1.4 Fire protective signaling system. The following shall be equipped with an electrically supervised fire protective signaling system connected to the Village's fire alarm receiving equipment in

accordance with the provisions of Chapter 17, Article VI of the Downers Grove Municipal Code:

- (a) All buildings or structures equipped with a fire suppression system, fire sprinkler system or fire detection system except one- and two- family dwellings;
- (b) All buildings of Use Groups; and
- ~~(c) Any other building required by any code or ordinance to be equipped with a fire alarm, fire detection or fire suppression system.~~

Each fire protective signaling system shall be equipped with audio/visual fire alarm warning devices located so as to be seen, and heard effectively above all other sounds, by all occupants in every occupiable space within the building. The sound level of alarm devices shall be at least 15 dBA above the ambient sound level or 5 dBA above the maximum sound level having a duration of at least sixty seconds, whichever is greater, such levels to be measured five feet above the floor level in the occupiable area.

907.1.52 General Requirements for Manual Alarm and Automatic Fire Detection Systems in the Village.

~~(a) All buildings or structures of Use Groups A 4, E, I 1, I 2, I 3 and R 1, shall be protected throughout all spaces by an approved supervised fire detection and fire protective signaling system connected to the Village's fire alarm receiving equipment in accordance with the provisions of Chapter 17, Article VI of the Downers Grove Municipal Code, unless such building or structure is fully protected by an approved supervised fire sprinkler system.~~

~~(b) All buildings or structures of Use Groups A 2, A 3, B, F, H, M, R 2, S 1, and S 2, which are located within the DB Downtown Business District (as defined in the Comprehensive Zoning Ordinance) and are required to have a certain degree of separation between floors, paths of exit access, occupancy or uses, shall be permitted to substitute a complete fire detection and fire protective signaling system installed throughout the building for the required degree of separation if in the opinion of the code official such separation is impractical. The fire detection and fire protective signaling system shall be connected to the Village's fire alarm receiving equipment in accordance with the provisions of Chapter 17, Article VI of the Downers Grove Municipal Code and the Building Code.~~

~~(c) All buildings or structures containing a residential use and any other occupancy that is not a residential use shall have a complete fire detection and fire protective signaling system installed throughout the building. The fire detection and fire protective signaling system shall be connected to the Village's fire alarm receiving equipment in accordance with the provisions of Chapter 17, Article VI of the Downers Grove Municipal Code.~~

~~(d) Each fire protective signaling system shall be equipped with audio/visual fire alarm warning devices located so as to be seen, and heard effectively above all other sounds, by all occupants in every occupiable space within the building. The sound level of alarm devices shall be at least 15 dBA above the ambient sound level or 5 dBA above the maximum sound level having a duration of at least sixty seconds, whichever is greater, such levels to be measured five feet above the floor level in the occupiable area.~~ In all new buildings, additions, and buildings constructed under the 2006 International Building & Fire Codes, except in one- and two-story residential dwellings, a complete manual and automatic fire alarm detection system, connected to the Village's fire alarm board, shall be installed throughout the building in accordance with NFPA 72.

~~(23) Section 907.2 is further amended by adding the following to the end of paragraph two:~~

All fire alarm systems meeting the requirements of Section 901.4 shall be UL certified upon acceptance by Downers Grove. Fire Department UL certification of the fire alarm system shall be maintained for the life of the structure.

Sections 907.2.1, 907.2.1.1, 907.2.2, 907.2.3, 907.2.4, 907.2.5, 907.2.6, 907.2.6.1, 907.2.6.2, 07.2.6.3, 907.2.6.3.3, 907.2.7, 907.2.7.1, 907.2.8, 907.2.8.1, 907.2.8.2, 907.2.8.3, 907.2.9, 907.2.10.1, 907.2.10.1.1, 907.2.10.1.2, and 907.2.10.1.3 are deleted in their entirety.

Section 907.2.12. is amended by deleting the amending height of "75 feet" and substituting in lieu thereof:
"55 feet"

Section 907.2.16 and Section 907.2.17 are deleted in their entirety.

~~-(24) Section 907.2.1 is amended by deleting the first sentence and inserting; "A manual fire alarm system and automatic fire detection system shall be installed in accordance with NFPA 72 in group A occupancies"~~

~~-(25) Section 907.2.1 is further amended by deleting the exception.~~

~~-(26) Section 907.2.2 is amended by deleting the same in its entirety, including the exception, and adding the following:~~

~~———— **907.2.2 Group B.** "A manual fire alarm system and automatic fire detection system shall be installed in accordance with NFPA 72 in group B occupancies."~~

~~-(27) Section 907.2.3 is amended by deleting the same in its entirety, including the exception and adding the following:-~~

~~———— **907.2.3 Group E.** A manual fire alarm system and automatic fire detection system shall be installed in accordance with NFPA 72 in group E occupancies. When automatic sprinkler systems or smoke detectors are installed, such system or detectors shall be connected to the building fire alarm system.—~~

~~-(28) Section 907.2.4 is amended by deleting the same in its entirety, including the exception and adding the following:-~~

~~———— **907.2.4 Group F.** "A manual fire alarm system and automatic fire detection system shall be installed in accordance with NFPA 72 in group F occupancies."~~

~~-(29) Section 907.2.5 is amended by deleting first sentence and inserting; " A manual fire alarm system and automatic fire detection system shall be installed in accordance with NFPA 72 in group H occupancies."~~

~~-(30) Section 907.2.6 is amended by deleting the exception.~~

~~-(31) Section 907.2.6.1 is amended by deleting the exceptions.~~

~~-(32) Section 907.2.6.2.2 is amended by deleting the first sentence.~~

~~-(33) Section 907.2.6.2.3 is amended by deleting exceptions 2 and 3.~~

~~-(34) Section 907.2.7 is amended by deleting the same in its entirety including the exceptions and adding the following:~~

~~———— **907.2.7 Group M.** A manual fire alarm system and automatic fire detection system shall be installed in accordance with NFPA 72 in group M occupancies.~~

~~-(35) Section 907.2.7.1 is deleted in its entirety.~~

~~-(36) Section 907.2.9 amended by deleting the same in its entirety, including the exceptions and adding the following:-~~

~~———— **907.2.9 Group R-2.** A manual fire alarm system and automatic fire detection system shall be installed in accordance with NFPA 72 in group R-2 occupancies and deleting the exceptions.~~

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~~(37) Section 907.2.12 is amended by deleting the number "75 feet (22 860 mm)" and inserting the following "40 feet".~~

~~(38) Section 907.2.12.3 is amended by deleting the exception.~~

~~(39) Section 907.2.12.4 is hereby added as follows:~~

~~———— **907.2.12.4 High Rise.** In all buildings defined as high rise, suitable fire department radio-communications in addition to hard-wired systems shall be determined prior to construction. Suitable repeaters or antenna systems shall be approved by the fire department.~~

~~(40) Section 907.2.18.1(1) is amended by adding the words; "fire alarm and sprinkler room" after the word "machine".~~

~~(41) Section 907.2.19 is amended by adding the words; "and automatic fire detection system" after the words "manual fire alarm system".~~

~~(42) Section 907.3. is hereby amended by adding the following at the conclusion thereof:~~

~~A Manual Fire Alarm and Automatic Fire Detection System in accordance with Section 907.3.1 through 907.3.9 and 907.1.5.1 shall be required in existing buildings in all other Use Groups as listed in Chapter 3 of the International Building Code ("IBC") except One and Two Family Residential Dwellings if:~~

~~1. The building, occupancy, tenant or suite undergoes a change in use that elevates the level of risk to life and property, such as a significant increase in the anticipated daily occupancy or in the content load from a prior load level of the same general content to a more restrictive use; or~~

~~2. The building, occupancy, tenant or suite undergoes the addition of usable floor space, or change in use which increases the hazard level in the area in any manner as established by at least one requirement in the NFPA Life Safety Code, the International Fire Code or the International Building Code; or~~

~~3. The building, occupancy, tenant or suite undergoes any significant remodeling (as defined in Section 902.1)~~

~~4. The building or structure contains a residential use and any other use in addition to residential.~~

When identifying the need for the installation of a Manual Fire Alarm and Automatic Fire Detection System, a specific written finding shall be made by the Village based upon the above-stated requirements.

Section 907.3.1 is amended by adding at the end of the paragraph the following:

"except as amended."

~~(43) Section 907.3.1.1 is amended by deleting the exceptions.~~

~~(44) Section 907.3.1.2 is amended by deleting the exception.~~

~~(45) Section 907.3.1.6 is amended by deleting the words; "more than three stories or"~~

Section 907.3.1.7 is amended by deleting the same in its entirety.

~~(46) Section 907.3.1.8 is amended by deleting the words; "with more than three stories or with more than 16 dwelling units"~~

~~(47) Section 907.3.1.8 is amended by deleting exception number 1.~~

~~(48) Section 907.3.1.9 is amended by deleting the exceptions.~~

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~~-(49) Section 907.4.1 is amended by deleting the exception.~~

Section 907.6 is amended by deleting the words "ICC Electrical Code" and substituting in lieu thereof the following:

"National Electrical Code as adopted and amended by the Village"

~~-(50) Section 907.9.2~~ is amended by deleting the number "75 feet (22 860 mm)" and and inserting in lieu thereof:

"~~40~~55 feet".

~~-(51) Section 907.15~~ is amended by adding the following section:

907.15.1 Connection to Village. All fire alarm systems shall be supervised by connection to the Village fire alarm receiving panel in the manner specified by the Municipal Code and shall transmit alarm, trouble, and supervisory signals.

In lieu of connecting to the Village's alarm receiving panels as set forth above, any property within the municipal limits of Downers Grove which is under the jurisdiction of a fire protection district organized pursuant to state law shall instead connect to the alarm receiving panels of the fire protection district. Such alternative connection shall be according to the fire protection district's rules and regulations for connection.

Section 907.15 is further amended by deleting Exception #1 and Exception #2

~~-(52) Section 907.20~~ is amended by adding immediately at the conclusion thereof the following: "and as specified in the Alarm Code in Chapter 17, Article VI of the Downers Grove Municipal Code.

~~-(53) Section 907.20.2~~ is amended by deleting the same in its entirety and substituting in lieu thereof the following:

907.20.2 Testing. Complete and satisfactory tests shall be performed on all devices in accordance with Chapter 17, Article VI of the Downers Grove Municipal Code.

~~-(54) Section 907.20.5~~ is amended by adding immediately at the conclusion thereof the following: "as specified in the Alarm Code in Chapter 17, Article VI of the Downers Grove Municipal Code."

~~-(55) Section 909.3~~ is amended by adding the following language at the conclusion thereof:

"or as specified in the Village Alarm Code in Section 17, Article VI, of the Downers Grove Municipal Code, whichever is more often."

Section 909.11 is amended by deleting the words "ICC Electrical Code" and substituting in lieu thereof the following:

"National Electrical Code as adopted and amended by the Village"

Section 909.12 is amended by deleting the words "ICC Electrical Code" and substituting in lieu thereof the following:

"National Electrical Code as adopted and amended by the Village"

~~-(56) Section 912~~ is amended by adding the following:

912.1 Installation. A 5" STORTZ connection shall be required and shall comply with 912.2 through 912.6, unless otherwise determined by the fire code official.

Section 912.5 is amended by deleting the words “International Plumbing Code” and substituting in lieu thereof the following:

"State of Illinois Plumbing Code as adopted and amended by the Village"

912.5.1 Backflow prevention. Whenever a backflow prevention device is required to be installed on an existing hydraulically calculated sprinkler system, the system shall be recalculated to assure that the design density of the sprinkler system is satisfied. Should the design density be inadequate, the automatic sprinkler system shall be redesigned for compliance with the required design density.

912.5.2 Backflow prevention - antifreeze systems. Wherever an existing antifreeze sprinkler system is not protected by a reduced pressure backflow prevention device, the system shall be altered to incorporate a reduced pressure backflow prevention device at the point of connection to that section of the system containing such additives.

~~(57)~~ **Section 913.1** is amended by adding the following section at the end of the paragraph:
"and the IBC Section 913.1".

Section 913.2.1 is added as follows:

913.2.1 Fire pump emergency power. Any fire pump installed to meet the hydraulic design needs of an automatic fire sprinkler system shall be connected to an automatically switched emergency power generator to assure operation at all times. The emergency power generator, all switching equipment, and the connection to the fire pump shall meet all requirements of the National Electrical Code (NFPA 70) as adopted by the Village.

Section 1001.1 is amended by adding the following at the end of the second sentence:
"and IBC Sections 1003.5, 1007.1, 1007.2, 1007.2.1 and 1088.1.1"

Section 1001.2 is deleted in its entirety and by substituting in lieu thereof the following:

1001.2 Maintenance. Means of egress shall be maintained in accordance with the International Fire Code and the International Maintenance Code as adopted and amended by the Village.

~~(58)~~ Section 1003.2.11 is hereby amended by adding the following section:

~~**1003.2.11.2.1 Emergency lighting.** Where emergency lighting units are required by Village ordinance or regulation, twenty percent (20%) of those lights must have battery power if the building or structure has an emergency generator for such lighting. For multi-story buildings, stairs shall at a minimum have a battery powered unit at every fourth landing. These battery powered units on the stairs can be applied toward the twenty percent (20%) requirement.~~

Section 1006.3 is amended by adding the following at the end of the section:

1006.3 Emergency Lighting. Where emergency lighting is powered by a generator, a minimum of twenty percent (20%) of the emergency light fixtures shall be provided with battery back-up. For multi-story buildings, battery powered units shall be provided in enclosed stairways for proper illumination of each story.

~~(59)~~ ~~Section 1011.3~~ **1028.3** is amended by adding the following section:

~~**1011.3.3.1 Check out lanes.** At no time shall check-out lanes be blocked by stored carts, displays, chains or other fixed obstructions to free access.~~

~~(60)~~ **Section 1404** is amended by adding the following section:

1404.8 Restriction of combustible materials. Where required by the code official, no combustible construction materials or packaging shall be stored inside the building or structure until the sprinkler system is activated. Where deemed necessary by the code official, the activated sprinkler system shall be supervised by a temporary connection to the Village's fire alarm receiving equipment.

~~(61)~~ **Section 22101** is amended by adding the following sections:

22101.2.2.1 Storage of waste oils. Waste oils shall be stored in a listed double wall tank located outside the building with a minimum 2" diameter steel vent pipe extending at least 18" above the roof line. The tank shall be installed on a concrete pad with drainage and shall be protected from vehicular traffic damage in an approved manner and shall be blocked from view by an approved fence a minimum of six feet high. The tank and all associated piping shall be air pressure tested in the manner prescribed by the manufacturer and such test shall be witnessed by the code official.

22101.2.2.2 Maximum waste oil storage above ground. The maximum amount of waste oil stored outside above ground without additional protection shall be 660 gallons. Where the amount stored outside above ground exceeds 660 gallons, the installation shall comply with NFPA 31 listed in the ICC Fire Prevention Code.

22101.2.2.3 Storage of motor oils in above ground tanks. New motor oils shall be stored in a listed single wall tank if stored inside, or a listed double wall tank if stored outside. When stored outside, the tank shall be installed on a concrete pad with drainage, shall be protected from vehicular traffic damage in an approved manner, and shall be blocked from view by an approved fence a minimum of six feet high. The tank and all associated piping shall be air pressure tested in the manner prescribed by the manufacturer and such test shall be witnessed by the code official.

22101.2.2.4 Maximum motor oil storage above ground: The maximum amount of new motor oil stored in above ground tanks inside a building shall not exceed 1,320 gallons. If stored outside, the maximum amount of new motor oil shall not exceed 1,320 gallons without additional protection pursuant to NFPA 31 listed in the ICC Fire Prevention Code.

~~(62)~~ **Section 3302.1** is amended by deleting the definition of "fireworks" in its entirety and substituting in lieu thereof the following:

FIREWORKS. The term "fireworks" shall have the same meaning as that term is defined and used in the Illinois Fireworks Regulation Act*

~~(63)~~ Section 3401.1 is amended by adding the words: "or waste oils" after the words "combustible liquids" wherever they appear therein.

~~(64)~~ Section 3401.4 is amended by adding the following:

3401.4.1 Annual Permit License Required. An annual permit is required for underground storage of flammable/combustible liquids per Ordinance 4588. A bond is required for any installation or removal of any underground storage tanks. Fees and bonds are as noted in Section 17-47 of the Downers Grove Municipal Code.

~~(65)~~ **Section 3404.1** is amended by deleting the same in its entirety and substituting in lieu thereof the following:

3404.1 General. Combustible liquid storage tanks of any capacity installed above ground shall comply with this chapter. Flammable liquids shall not be stored above ground.

~~(66)~~ **Section 3404.2** is amended by adding the following:

3404.2.9.5.1.7 Fuel dispensing systems. Above ground tanks shall be permitted for the storage of combustible motor fuels on premises to which the public does not have access when installed in a special enclosure constructed in accordance with NFPA 30A listed in the ICC Fire Prevention Code.

~~(67)~~ **Section 3404.2.9** is amended by adding the following section:

3404.2.9.6.11 Tank Capacity/Installation. Tanks containing motor fuels shall not exceed 1,000 gallon individual fuel capacity or 1,500 gallons in aggregate capacity. Installations with the maximum allowable aggregate capacity shall be separated from other such installations by no less than 100 feet.

~~(68)~~ **Section 3404.2.13.1.4(3)** is amended by deleting the exception.

~~(69)~~ **Section 3801.2** is amended by deleting the same in its entirety and substituting in lieu thereof the following:

3801.2 Permits required.

(a) A permit shall be obtained from the code official for each of the following:

- (1) installation of liquefied petroleum gas tanks regardless of the capacity;
- (2) sales or exchanges of filled tanks and the filling of tanks of any size for sale or use on

site;

(3) for the storage of containers used in commercial, maintenance, construction, stock management or vehicles, and

- (4) any other use where tanks are used and stored on a regular basis.

(b) Prior to installation, use or storage of liquefied or petroleum gas, the applicant for a permit shall submit plans to the code official detailing such installation, use or storage. If compliance with the requirements of this Code is shown by such plans, a permit shall be issued. The code official shall inspect the site upon completion of the installation to determine compliance with the plans and the ordinances of the Village.

(c) Permit fees shall be in accordance with Section 17.47 of the Downers Grove Municipal Code.

~~(70)~~ **Section 3809** is amended by deleting in their entirety the following sections:

~~3809.4~~

~~3809.9~~

~~3809.10~~

~~3809.11~~

~~(71)~~ **Section 3809** is amended by adding the following section:

3809.165 Storage of containers. Containers stored inside or outside a building shall be secured inside a shelf or rack system of non-combustible construction or shall be chained to a non-combustible wall. Either method of storage shall prevent the tank from "rocketing" if exposed to fire. If stored outside, tanks shall be protected from tampering.

Appendix B, Fire-flow Requirements for Buildings, is hereby adopted in its entirety.

Appendix D, Fire Apparatus Access Roads, is adopted in its entirety.

(Ord. No. 2857, § 8; Ord. No. 3118, § 20; Ord. No. 3185, § 3.)

Section 4. That Section 17.46. is hereby amended to read as follows:

17.46. Fire Plan Examination Fees.

Upon application for any non-residential permit required by the Building Code, or any amendment thereto, the applicant shall pay a fire plan examination fee to the Village in accordance with the provisions of this section; any amendment to a permit shall not be approved until additional fees, if any, shall have been paid. Plan review fees shall be non-refundable.

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Commercial, Industrial & Multi-Family, One- & Two-Family Structures

1. Sprinkler Systems: Includes standpipes and fire pumps as part of the system.

Number of Sprinklers	Fee
1 – 20	\$200.00 <u>\$250.00</u>
21-100	\$400.00 <u>\$450.00</u>
101-200	\$500.00 <u>\$550.00</u>
201-300	\$600.00 <u>\$650.00</u>
301-500 <u>400</u>	\$700.00 <u>\$750.00</u>
<u>401-500</u>	<u>\$850.00</u>
Over 500 Sprinklers	\$815.00 <u>\$950</u> + \$1.00 <u>\$1.50</u> for each sprinkler over 500

(2) Standpipe Systems

Basic fee: ~~\$150.00~~ \$200.00 for the 1st per-standpipe, \$150.00 per additional standpipe.

~~No charge for standpipe systems that are part of the complete building sprinkler system plan review.~~

(3) Fire Pumps

Basic fee: ~~\$300.00~~ \$350.00 per Fire Pump

~~No charge for fire pump system that is part of the complete building sprinkler system plan review.~~

Note: For pumps being installed to upgrade and or enhance the design of an existing sprinkler or standpipe, additional fees may apply for the review of the new design of the system being enhanced by pump.

(4) Suppression Systems

Spray Booths: \$150.00

Restaurant Wet Chemical Systems

Restaurant system: ~~\$300.00~~ \$350.00 flat rate per hood system

Restaurant Mechanical Hood and Duct Systems

Flat rate of ~~\$300.00~~ \$350.00 per hood

Gas Suppression Systems or Dry Chemical Systems

The fee is based on the total pounds of Suppression Agent used

Pounds of Suppression Agent	Fee
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1 – 50	\$115.00 <u>150.00</u>
51-100	\$115.00 <u>200.00</u>
101-200	\$200.00 <u>250.00</u>
201-300	\$275.00 <u>325.00</u>
301-400	\$355.00 <u>400.00</u>
401-500	\$435.00 <u>475.00</u>
501-750	\$515.00 <u>550.00</u>
751-1,000	\$600.00 <u>625.00</u>
Over 1,000	\$600.00 <u>700.00</u> plus 80 <u>\$1.00</u> for each pound of agent over 1,000

(5) Fire Detection and Alarm Systems

- (i) Basic fee for a complete new system is: ~~\$150.00~~ 200.00 for the first 15,000 square feet. Each additional 15,000 square feet or portion thereof: \$200.00
- (ii) Partial systems: \$150.00 for the first 15,000 square feet. Each additional 15,000 square feet or portion thereof: \$200.00
- ~~(iii) Partial systems: No charge sprinkler with fire alarm review.~~

(6) Above and Underground Tank Review

	Fee
Above Ground Tank Installation	\$300.00 per tank
Underground Tank Installation	\$300.00 per tank
Underground Tank Removal	\$300.00 per tank
Underground Tank Bond	\$10,000.00

(7) Miscellaneous Fire Plan Review \$75.00

(B) Special Consultation

For any Fire Protection concerns in which the Village of Downers Grove Fire Chief or Fire Prevention Division Chief determines that additional technical resources or technical assistance is required from source outside of staff, the applicant shall be responsible for the actual consultant fees charged. The applicant shall be responsible for all consultant costs.

Examples where such fees may apply are as follows.

Plan review of smoke control systems; life safety plan review for covered malls or other similar type structures; plan review of projects where performance based design is used to comply with codes; and plan review of projects greater than 5,000 square feet.

Section 5. That Section 17.47. is hereby amended to read as follows:

17.47. Permit and Inspection Fees.

No permit shall be issued or inspection conducted until all fees described in this Section and any outstanding fees have been paid in full.

- (a) Permit fees are as follows:

Open Burning Permit (per occurrence)	\$40.00 <u>50.00</u>
Fireworks Permit (per occurrence)	\$50.00 <u>75.00</u>

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Spray Booth Permit (annual)	\$50.00
Underground Petroleum Storage (annual)	\$150.00
Liquefied Petroleum Gas Tank Storage and Sales (annual)	\$35.00 <u>\$50.00</u>
Tar Kettle Permit (per occurrence)	\$50.00 <u>\$75.00</u>
<u>Spray Booth Inspection</u>	<u>\$100.00</u>

<u>Above Ground Tank Installation Inspection</u>	<u>\$100.00 per tank</u>
<u>Underground Tank Installation Inspection</u>	<u>\$100.00 per tank</u>
<u>Underground Tank Removal Inspection</u>	<u>\$100.00 per tank</u>
<u>Each Tank Reinspection</u>	<u>\$100.00 per tank</u>
<u>Tank/Piping Pressure Test</u>	<u>\$100.00 per tank</u>
<u>Remote Dispensing Device</u>	<u>\$100.00 per Hose or Nozzle</u>
<u>Each Tank Reinspection</u>	<u>\$100.00</u>

(b) Inspection fees are as follows:

Hydro Static Test	\$70.00 <u>\$100.00</u>
Fire Alarm Acceptance Test (<u>per floor</u>)	\$70.00 <u>\$100.00</u>

<u>Restaurant Mechanical Hood & Duct Systems</u>	<u>\$100.00</u>
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<u>Fire Pump Acceptance Test</u>	<u>\$150.00</u>
<u>Fire Pump Annual Inspection Fee</u>	<u>\$150.00</u>
<u>Generator Acceptance Test</u>	<u>\$150.00</u>

Temporary Use Permit Inspections	\$40.00 <u>\$50.00</u>
Amusement Ride (per inspector)	\$50.00
Walk Through	\$25.00 <u>\$50.00</u>
<u>Miscellaneous Fire Permit Inspection</u>	<u>\$75.00</u>

Reinspections:

<u>First Inspection</u>	<u>\$75.00</u>
Second reinspection	\$25.00 <u>\$75.00</u>
Subsequent reinspection(s)	\$50.00 <u>\$75.00</u>

Fire Extinguisher Training	\$50.00/hour
Fire Watch Personnel (<u>per person</u>)	\$50.00 <u>\$100.00 1st hour, \$75.00 each additional</u>
<u>hour per person/per hour</u>	
Fire Watch Apparatus	\$150.00 per hour

Section 6. That Section 17.58. is hereby amended to read as follows:

17.58. Alarm system requirements for connection.

Alarm System connections to the Village System shall be made only after compliance with the following requirements:

- (a) Connection shall not overburden or otherwise interfere with the operation of the Village System.
- (b) The Alarm System shall be installed according to the manufacturer's specifications.
- (c) Alarm Systems shall be compatible, as determined by the Fire or Security Alarm Coordinator, with the Village System's digital alarm receiving panel.
- (d) The Alarm User shall make arrangements with the company installing the Alarm System and

with their telephone service provider for a telephone line(s) from the property to the Village System.

(e) For security Alarm Systems, mechanisms shall be adjusted so that an alarm signal will sound for no longer than ten minutes after being activated.

(f) For fire Alarm Systems, the Alarm User shall purchase and install a standard security lock box in the manner and location prescribed by the Fire Alarm Coordinator and containing keys to all entrances and exits to the building to allow immediate access in emergency situations. At the request of the Alarm User, the Fire Alarm Coordinator may permit the installation of a security lock box tamper switch connected to a security Alarm System; however, no such connection to the fire Alarm System shall be allowed.

(g) For fire Alarm Systems, the following standards and guides as adopted by the National Fire Protection Association (NFPA) are adopted by reference as the standards for the installation, maintenance and testing of fire Alarm Systems:

(1) NFPA 72 Standard for the Installation, Maintenance and use of Protective Signaling Systems ~~1996~~2002 Edition, as amended.

(h) The Fire Alarm Coordinator shall inspect the property prior to connection and make a written finding as to whether the above requirements have been met. For fire Alarm Systems required to be installed by the Downers Grove Municipal Code, the inspection shall be a prerequisite for the final occupancy permit given by the building official of the Village for new construction or remodeling of buildings.

(Ord. No. 2183, § 1; Ord. No. 2681)

Section 7. That Section 17.59. is hereby amended to read as follows:

17.59. Fire Alarm System Requirements.

Fire alarm systems, when required, shall be installed per the Downers Grove Municipal Code and Village Alarm Code, NFPA 72, the Illinois Accessibility Code and the following as approved by the fire code official:

- I. Audio visual devices are required in all occupancies, in all occupied spaces, and are required to be heard at 15dB over ambient noise levels.
- II. Visual alarm devices are required in all restrooms.
- III. Buildings with fire suppression and/or alarm systems installed are required to have a weatherproof audio/visual (24 VDC) device mounted on the exterior of the building in an approved location. Strip malls with individual business shall have a weatherproof audio/visual (24 VDC) device mounted on the exterior of the building for each individual business in an approved location. The audio/visual device shall be adjacent to the fire department connection when provided. This device shall activate in unison with the existing fire suppression or alarm systems.
- IV. Air handling systems over 2000 cfm (cubic feet per minute) are required to be equipped with duct smoke detectors which deactivate the HVAC system.
- V. Individual duct smoke detectors shall be monitored on a separate zone of the alarm panel OR multiple duct detectors can be monitored on the same zone if a remote LED/test-reset keypad for each individual duct detector is mounted immediately adjacent to the detector. These devices shall be mounted no higher than seven (7) feet off the floor.
- VI. Smoke detection in any air distribution system shall alarm as a supervisory signal.
- VII. A secondary power supply minimum capacity of 60 hours or as approved by the code official.
- VIII. All visual alarm devices (strobes) shall synchronize.

Section 8. That Section 17.62. is hereby amended to read as follows:

17.62. Maintenance, testing and alarm verification requirements.

(a) All Alarm Users shall maintain the Alarm System in good working order. All alarm systems

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that are malfunctioning, in disrepair, or in need of component replacement shall come into Code compliance within thirty (30) days of notification by the Village. Each alarm user whose system has not been brought into Code compliance by the 31st day after notification will be charged ten dollars (\$10.00) per day for each day not in Code compliance.

(b) The Alarm User shall have any fire Alarm System and all devices tested according to the following schedule by a licensed testing agency or licensed electrical contractor:

- Sprinkled buildings - ~~quarterly~~ semi-annually
- Non-sprinkled buildings - semi-annually
- ~~Single family and two family dwellings—annually~~

(1) Tests under this section shall be conducted according to the standards as set forth in Section 17-58(g).

(2) The results of the testing agency or electrical contractors test shall be in writing, signed by the agency or contractor, and kept on file at the premises where the Alarm System is being used. A copy of the test results shall be given to the Fire Alarm Coordinator upon completion of the Alarm System test. Tests shall not be considered completed until the Village receives the written results thereof. If the written results are not received by the Village within thirty days after the end of the applicable testing interval, the Alarm User shall be subject to the additional fee set forth in Section 17-71(b).

(c) Alarm Users shall require their alarm system service provider to verify alarm activations by telephone or electronic means prior to reporting the alarm activation to the Village Operations Center. Alarm system service providers shall attempt verification on all telephone alarms.

(d) It shall be the responsibility of both the alarm user and the owner of the premises where the alarm system is located to notify the Village within ten (10) days of a change of ownership, user or keyholder and to provide a telephone number and current address of said person.

(e) It shall be the responsibility of both the alarm user and the owner of the premises where the alarm system is located to notify the Village within ten (10) days of a change of telephone number or address. (Ord. No. 2183, § 1; Ord. No. 2681, § 2)

Section 9. That all ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 10. That this ordinance shall be in full force and effect November 6, 2009.

Mayor

Passed:
Published:
Attest: _____
Village Clerk