<u>Item #2</u>:
Ordinance Further Amending Fire Alarm Requirements

VILLAGE OF LONG GROVE

ORDINANCE NO. 2013-O-__

AN ORDINANCE FURTHER AMENDING SECTION 4-7-2 OF THE LONG GROVE VILLAGE CODE RELATING TO FIRE ALARM AND DETECTION SYSTEMS

Adopted by the
President and Board of Trustees
of
the Village of Long Grove
this ___th day of October, 2013

Published in pamphlet form by direction
and authority of the Village of Long Grove,
Lake County, Illinois
this ___th day of October, 2013

VILLAGE OF LONG GROVE

ORDINANCE NO. 2013-O-__

AN ORDINANCE FURTHER AMENDING SECTION 4-7-2 OF THE LONG GROVE VILLAGE CODE RELATING TO FIRE ALARM AND DETECTION SYSTEMS

WHEREAS, on September 8, 2009, the President and Board of Trustees of the Village of Long Grove (the "***Village***") adopted Ordinance No. 2009-O-32 adopting by reference, *inter alia*, the 2009 International Fire Code as the Village's Fire Code subject to various amendments, additions, revisions, and deletions codified in Section 4-7-2 of the Long Grove Village Code ("***Fire Code***"); and

WHEREAS, the Village Board has amended the Fire Code from time-to-time since its adoption in 2009; and

WHEREAS, currently Section 907.7.5 and Section 907.11 of the Fire Code provides for the installation of fire protective signaling systems that meet the standards and requirements established in the Fire Code in existing buildings and structures by March 1, 2013; and

WHEREAS, the Village President and Board of Trustees have determined that further amendments to the compliance standards and timing for compliance with the Fire Code are warranted as hereinafter set forth;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Long Grove, County of Lake, State of Illinois, as follows:

SECTION ONE. Recitals. The foregoing recitals are incorporated in this Ordinance as the findings of the President and the Board of Trustees.

SECTION TWO. Amendment to Section 907.3.3 of the Fire Code. Section 907.7.5 of the Fire Code, entitled "Alterations, Repairs, and Additions," as codified in Section 2, entitled "Amendments," of Chapter 7, entitled "Fire Code," of Title 4, entitled "Building

Regulations" of the Village Code, is hereby further amended in its entirety, and said Section 907.3.3 as amended shall hereafter be and read as follows:

Subsection 907.3.3 Alterations, Repairs, and Additions.

When interior alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be provided with smoke alarms located as required for new dwellings; the smoke alarms shall be interconnected and hard-wired **or wireless, as authorized by section 907.7.1**.

Exceptions:

1. Smoke alarms in existing areas shall not be required to be interconnected and hard-wired where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space, or basement available which could provide access for hard wiring and interconnection without the removal of interior finishes.

2. Repairs to the exterior surfaces of dwellings are exempt from the requirements of this section.

SECTION THREE. Amendment to Section 907.7.5 of the Fire Code. Section 907.7.5 of the Fire Code, entitled "Monitoring," as codified in Section 2, entitled "Amendments," of Chapter 7, entitled "Fire Code," of Title 4, entitled "Building Regulations" of the Village Code, is hereby further amended in its entirety, and said Section 907.7.5 as amended shall hereafter be and read as follows:

Section 907.7.5 Monitoring. All required fire protective signaling systems located within the Fire Protection Districts shall transmit alarm, supervisory, and trouble signals to the main dispatch center for the Fire Protection District. This connection shall be made with a two-way radio transmitter installed at each location. All required fire protective signaling systems shall report to the Fire Protection District main communication center via a two-way radio transmitter. Future methods of connection shall be determined by the Jurisdictional Fire Protection District Fire Code Official. The Jurisdictional Fire Protection District Fire Code Official, in his or her sole discretion, may approve and accept existing fire protective signaling systems that transmit an alarm signal to a certified and licensed central dispatch center using a listed security fire alarm panel and may permit such systems to remain in service until March **3**1, ~~2013~~**2014**. After March **3**1, ~~2013~~**2014**, all fire protective signaling systems shall transmit alarm signals to the main dispatch center of the Jurisdictional Fire Protection District using a two-way radio transmitter, and the signal must be transmitted through an addressable fire alarm control panel approved by the Jurisdictional Fire Protection District Fire Code Official.

Exceptions:

Existing buildings and structures in the Village Historical Business District. Fire protection signaling systems that transmit an alarm signal to a certified and UL listed licensed central dispatch center using a listed security fire alarm panel may be used

All required fire alarm system installations and/or upgrades shall be submitted, approved and under contract by April 1, 2014 and the installations complete and approved by the Jurisdictional Fire Protection District Fire Code Official by August 1, 2014..

~~Single- and multiple-station smoke alarms required within dwelling units.~~

~~Smoke detectors in Group I-3 occupancies.~~

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

SECTION FOUR. Amendment to Section 907.11 of the Fire Code. Section 907.11 of the Fire Code, entitled "Existing Buildings and Structures Located In The Village Historical Business District," as codified in Section 2, entitled "Amendments," of Chapter 7, entitled "Fire Code," of Title 4, entitled "Building Regulations" of the Village Code, is hereby amended in its entirety and shall hereafter be and read as follows:

Section 907.11 Existing Buildings and Structures Located In The Village Historical Business District. ~~Section 907 shall not apply to existing buildings and structures located in the Village Historical Business District, except as provided in this Section 907.11. All such buildings shall, by March 1, 2013, fully comply with the standards for existing R-3 occupancies in accordance with Section 907.3 and Chapter 46; provided that, for purposes of applying the R-3 occupancy standards to such buildings and structures, each separate room in any such building or structure shall be deemed to be a "bedroom." Installation of an automatic fire alarm and detection system meeting all applicable requirements of Section 907 for the building's actual use and occupancy classification shall be required as a result of either of the following: (i) interior or exterior repairs, alterations, additions, or other physical modifications that affect 50% or more of the building's pre-modification square footage or have a total cost equal to or greater than 50% of the building's pre-modification value; or (ii) a change in occupancy or use that results in a change to the building's occupancy classification under the fire code.~~

A. In General. Except as provided in this Section 907.11, Section 907 shall not apply to existing buildings and structures located in the Village Historical District and used for Mercantile occupancies as determined by the Jurisdictional Fire Protection District Fire Code Official. To the extent

that the Jurisdictional Fire Protection District Fire Code Official determines that an existing building or structure in the Village Historical District is used for non-Mercantile occupancies, such occupancies shall be required to comply with code requirements applicable to such occupancies

B. Applicable Standards. All building and structures located in the Village Historical District shall have a complete fire alarm system installed per the applicable section of the Fire Code, Building Code and NFPA 72. The alarm signal shall be transmitted to the Fire District Communications Center or a listed central station by a UL listed alarm controller which transmits the alarm via radio signal. Existing buildings and structures located in the Village Historical District and used for Mercantile occupancies as determined by the Jurisdictional Fire Protection District Fire Code Official shall conform to the following standards::

1. All system shall be addressable

2. Small closets, storage areas or janitors closets less than 24 square feet are not considered occupied spaces

3. 1 story single tenant building:

   - Pull station at each exit door
   - A minimum of one smoke per room, two rooms or rooms opening onto a corridor with a lintel or header less than 8 inches can be considered as one room
   - Small closets, storage areas or janitors closet less than 24 square feet can utilize a heat detector
   - A horn which can be heard in all areas of the floor
   - A strobe in each occupied room, including any restroom available to the public
   - The final location of all devices shall be approved by the Jurisdictional Fire Protection District Fire Code Official.
   - Wire mold can be used for supplying or connecting all devices if required.

4. 2 story single tenant building – no public access to the second floor:

   - Pull station at each exit door
   - A minimum of one smoke per room, two rooms or rooms opening onto a corridor with a lintel or header less than 8 inches can be considered as one room
   - Small closets, storage areas or janitors closet less than 24 square feet can utilize a heat detector
   - A horn which can be heard in all areas of the floor

- A strobe in each occupied room. Including any restrooms available for public use
- The final location of all devices shall be approved by the Jurisdictional Fire Protection District Fire Code Official.
- Wire mold can be used for supplying or connecting all devices if required.

5. 1 or 2 story multiple tenant building – no sales on the second floor:

   - Each tenant space is considered separate and will require its own alarm system
   - Pull station at each exit door
   - A minimum of one smoke per room, two rooms or rooms opening onto a corridor with a lintel or header less than 8 inches can be considered as one room
   - Small closets, storage areas or janitors closet less than 24 square feet can utilize a heat detector
   - A horn which can be heard in all areas of the floor
   - A strobe in each occupied room
   - The final location of all devices shall be approved by the Jurisdictional Fire Protection District Fire Code Official.
   - Wire mold can be used for supplying or connecting all devices if required.

6. All basements will require smoke detection and a horn strobe

7. All portions of buildings used a residential occupancies shall comply with the applicable requirements for smoke detection and carbon monoxide detectors.

C. Inspections Required. All installations shall be subject to the review and approval of the Jurisdictional Fire Protection District Fire Code Official. Any modifications or allowances based on the actual site condition shall only be authorized upon approval of the Jurisdictional Fire Protection District Fire Code Official.

D. Timing of Compliance. Installation of an automatic fire alarm and detection system meeting the applicable requirements of Section 907 based on the building's actual use and occupancy classification shall be required as a result of either of the following: (i) interior or exterior repairs, alterations, additions or other physical modifications that affect 50% or more of the building's pre-modification square footage over a three year period or have a total cost equal to or greater than 50% of the building's pre-modification value over a three year period; or (ii) a change in the use or occupancy that results in a change to the building's occupancy classification under the Building and Fire Code. All required fire alarm system upgrades shall be submitted, approved and under contract by April

1, 2014 and the installations complete and approved by the Jurisdictional Fire Protection District Fire Code Official by August 1, 2014.

SECTION FIVE. **Effective Date**. This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form in the manner provided by law.

PASSED this ___th day of October, 2013.

AYES: (__) Trustees

NAYS: (__)

ABSENT: (__)

APPROVED this ___th day of October, 2013.

_____
Village President

ATTEST:

_____
Village Clerk