

ORDINANCE No. 2015-02

**AN ORDINANCE AMENDING SECTION 34-2 OF
CHAPTER 34 ENTITLED “FIRE PREVENTION AND
PROTECTION” OF THE MUNICIPAL CODE OF THE
VILLAGE OF STICKNEY (ADOPTION OF THE 2009
EDITION OF THE INTERNATIONAL FIRE CODE)**

BE IT ORDAINED by the President and Board of Trustees of the Village of Stickney, Cook County, Illinois, as follows:

Section 1. Section 34-2 entitled “National Fire Code” of Article 1, Chapter 34, entitled “Fire Prevention and Protection” of the Municipal Code, Village of Stickney, Illinois, be and the same is hereby amended to read as follows:

Sec. 34-2 Adoption of Fire Code. There is hereby adopted by reference, as if fully set out at length in this section, that publication known and designated as the International Fire Code, 2009 Edition, including Appendix B, D, F, H and J Chapters, as published by the International Code Council as the Fire Code of the Village of Stickney, Illinois, regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided; providing for the issuance of permits; and each and all of the regulations, provisions, penalties, conditions and terms of said Fire Code, three copies of which are on file in the office of the Village Clerk with the following additions, insertions and deletions and changes to the Fire Code:

- A. Whenever the term Name of Jurisdiction is used, it shall mean the Village of Stickney.
- B. Whenever the term Department of Fire Prevention is used it shall mean the Fire Department of the Village of Stickney.
- C. Whenever the term Fire Code Official is used it shall mean the Fire Chief of the Village of Stickney.
- D. References to the establishment and duties and authority of the Board of Appeals shall not be effective and shall be deleted.

E. In Section 109.3, "Misdemeanor" shall be inserted as the specified offense, the maximum fine shall be inserted as \$1,000 and the maximum imprisonment shall be inserted as six months.

F. The following sections or subsections of the Fire Code are revised or added as indicated:

102.7 is hereby revised by changing "Chapter 45" to "Chapter 47."

902.1 definition of Fire Area is hereby revised to read as follows:

building:
horizontal
The aggregate floor area bounded by the exterior walls of a building, regardless of fire walls, fire barriers, or fire resistance rated horizontal assemblies.

903.2 is hereby revised to read:

new
described in
903.2 Where required. Approved automatic sprinkler systems in buildings and structures shall be provided in the locations described in 903.2.1 through 903.2.12 as amended.

buildings
Approved automatic sprinkler systems shall be provided in existing buildings and structures when any of the following conditions exist:

- automatic
or
improvements
existing
or
1. A change of use occurs and the new use would require an automatic sprinkler system if it were a new building or structure.
 2. When an addition is made to the building or structure resulting in enlarging a fire area that would necessitate an automatic sprinkler system if it were a new building or structure.
 3. When the building or structure receives alterations or improvements valued at or costing 50% or more of the replacement cost of the existing building or structure; or when 50% or more of the existing building or structure is being altered or improved.

903.2.1.1 item 1 is hereby revised to read:

1. The fire area exceeds 5,000 square feet.

903.2.1.3 item 1 is hereby revised to read:

1. The fire area exceeds 5,000 square feet.

903.2.1.4 item 1 is hereby revised to read:

1. The fire area exceeds 5,000 square feet.

903.2.3 Group E item 1 is hereby revised to read:

1. Throughout all Group E fire areas greater than 5,000 square feet in area.

903.2.4 is hereby revised to read:

903.2.4 Group F-1 and F-2. An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 or Group F-2 occupancy where one of the following conditions exists:

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1. A Group F-1 or F-2 fire area exceeds 5,000 square feet.
2. A Group F-1 or F-2 fire area is located more than three stories above grade plane.
3. Deleted.

903.2.7 Group M, Item 1 is hereby revised to read:

1. A Group M fire area exceeds 5,000 square feet.

903.2.7 Group M is further revised by deleting Item 3.

903.2.9 Group S-1 is hereby revised to read:

903.2.9 Groups S-1 and S-2. An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 or S-2 occupancy where one of the following conditions exists:

1. A Group S-1 or S-2 fire area exceeds 5,000 square feet.
2. A Group S-1 or S-2 fire area is located more than three stories above grade plane.
3. Deleted.

903.2.9.1 items 1 and 2 are hereby revised to read:

1. Buildings having two or more stories above grade plane, including

exceeding
a fire
feet.

basements with a fire area containing a repair garage
5,000 square feet.

2. Buildings no more than one story above grade plane, with
area containing a repair garage exceeding 5,000 square

read: 903.2.10 Group S-2 enclosed parking garage item 1 is hereby revised to

exceeds 5,000

1. Where the fire area of the enclosed parking garage
square feet.

903.3.5 Water Supplies is hereby revised to read:

systems
903.3.1.
accordance
applicable to the
system

903.3.5 Water Supplies. Water supplies for automatic sprinkler
shall comply with this section and the standards referenced in
The potable water supply shall be protected against backflow in
with the requirements of this section and the Plumbing Code
Village of Stickney. Hydrant water flow data used for any sprinkler
shall be no more than one (1) year old.

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The following subsection is hereby added:

ceilings
or F with a
specific tenant is known, an
Class IV commodities stored on racks to the
storage height shall be provided.

903.3.8 Groups S and F speculative buildings and structures with
of 25 feet or more. Where a building or structure of Use Group S
ceiling height of 25 feet or more is proposed and no
ESFR sprinkler system designed for
greatest possible

The initial paragraph of 903.4.1 is hereby revised to read:

be distinctly
Stickney Fire

903.4.1 Monitoring. Alarm, supervisory and trouble signals shall
different and shall be automatically transmitted directly to the
Department Communications Center.

The following subsections are hereby added:

bell visual

903.4.2.1 Outside Devices. Provide an outside audible horn or

(75 cd clear strobe) device over the fire department connection.

provided

903.4.2.2. Occupant notification. All sprinklered buildings shall be with occupant notification appliances.

inspectors test valves
feet above the
marked as to which

903.4.2.3. Access to test valves. Fire sprinkling system shall be accessible at all times and located no more than six (6) finished floor. On multiple riser systems test valves shall be riser and area it tests.

903.4.3. Floor Control Valves is hereby revised to read:

control
each
water

903.4.3. Floor Control Valves. Approved supervised indicating valves shall be provided at the point of connection to the riser on floor in multiple story buildings. Provide floor control valves with flow switches for each floor.

The following sections and subsections are hereby added:

provide
to
required.
sprinkler system,
rapid means

903.4.4. Automatic Sprinklers. Where automatic sprinklers protection to an area with an approved flow switch interconnected the fire alarm system, and the area is easily identifiable as to the location of the activation, additional automatic detectors are not required. When a building has numerous rooms protected by a zoned additional smoke detectors shall be required to provide a more rapid means to identify the location of a fire.

psi
minimum above

903.3.5.3. Minimum Safety Factor. Provide a minimum 10% or 5 minimum safety factor, and the system demand shall be 5 psi the season low water flow test supply.

area, on

903.7. Hydraulic Name Plate. By each hydraulically calculated each drawing provide a copy of the hydraulic name plate.

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fire pump

903.9. Fire Pump Test Header. Provide an outside test header on installations.

around the
shall be located
protection water
requirements are subject to the provisions of

903.10. Private Fire Hydrants. Fire hydrants shall be provided
perimeter of the building in 300 feet increments. A fire hydrant
within 100 feet of the fire department connection on the fire
supply to the building. Fire flow
Appendix B.

sprinkler riser valve

903.11. Outdoor Access. Provide an outdoor access to the
room and fire pump room.

minimum one(1)

903.12. Minimum separation of sprinkler valve room. Provide a
hour separation of sprinkler valve room.

exceeding 20,000
exceeding 12 feet in height, provide inside
connection.
warehouse and/or storage area.
fire hose valves so that no portion of the warehouse
storage area is more than 120 feet maximum travel distance to a fire hose
valve. Show the locations of all obstructions and/or racks on the drawing.

903.13. Warehouse Storage Areas. In all storage areas
square feet and in all storage areas
2 ½ inch fire hose valves with 1 ½ inch reducer to a 1 ½ inch
Locate the valve at each door entrance to the
Provide additional 2 ½ inch
and/or

The fire hose valves system pipings shall be:

- minimum of 4 inch
reduced
1. A separate riser piping system.
 2. The 2 ½ inch valves shall be supplied by a
with 2 ½ inch drops to each valve.
 3. Where system pressures exceed 100 psi, provide
pressure field adjustable type valves.

addressable
and control valves.

907.1.4. Fire Alarm System. A fire alarm system shall be of the
type except when monitoring a single sprinkler riser

The initial paragraph of 907.2. is hereby revised to read:

approved
this Code and
structures in accordance
in accordance
sections of this

907.2. Where required – New Buildings and Structures. An
fire alarm system installed in accordance with the provisions of
NFPA 72 shall be provided in new buildings and
with 907.2.1 through 907.2.24, and provide occupant notification
with 907.6, unless other requirements are provided by other
Code.

The following subsections are hereby added:

switch
907.2.7.2. Multi-Tenant use. Multi-Tenant Use Group M Buildings will be “ring by tenant” activated by the fire sprinkler system flow

weatherproof
directed
minimum.
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for that space of automatic fire detection and shall include a clear outside strobe over the entrance to each tenant space as by the fire department. All outside strobes shall be 75 candela

automatic alarm
automatic
where
907.2.24. Unsprinkled Buildings and Structures. An approved system shall be installed in all use groups not provided with an sprinkler system. Automatic smoke detection shall be used except ambient conditions would result in nuisance alarm conditions.

shall be
approved
907.7.3.1. is hereby revised by adding the following:
All fire alarm control panels or full function annunciator panels installed within ten (10) feet of the main entrance, or in locations by the fire department.

connections
The following subsection is hereby added:
912.1.1. Fire department connections. All fire department shall be 4 inch story connections with 30 degree down turn.

and
1006.3 is hereby revised to add item 6 to read:
6. All rooms containing building fire sprinkler riser(s), fire pump(s) fire control panel(s).

Section 2. Effective Date. This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

Passed this 3rd day of March, 2015.

AYES: Trustees DeLeshe, Gomez, Sleighter, Savopoulos and White
NAYS:
ABSENT: Trustee Lazansky
ABSENTIONS:

APPROVED by me this 4th day of March, 2015.

Deborah Morelli, President

ATTESTED and **FILED** in my office
this 4th day of March, 2015.

Audrey McAdams, Village Clerk