

THE VILLAGE OF STICKNEY
Cook County, Illinois

ORDINANCE NO. 2015-03

**AN ORDINANCE AMENDING SECTIONS 18-101 AND
18-102 OF CHAPTER 18 ENTITLED “BUILDINGS AND
BUILDING REGULATIONS” OF THE MUNICIPAL
CODE OF THE VILLAGE OF STICKNEY
(ADOPTION OF THE 2009 INTERNATIONAL BUILDING
CODE)**

Published in pamphlet form by authority of the President and Board of Trustees of
the
Village of Stickney this _____ day of _____, 2015.

Passed by the President and Board of Trustees of the Village of Stickney this
day of _____, 2015.

ORDINANCE NO. 2015-03

AN ORDINANCE AMENDING SECTIONS 18-101 AND 18-102 OF CHAPTER 18 ENTITLED "BUILDINGS AND BUILDING REGULATIONS" OF THE MUNICIPAL CODE OF THE VILLAGE OF STICKNEY (ADOPTION OF THE 2009 INTERNATIONAL BUILDING CODE)

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

Section 1. Section 18-101, "Adopted," of Article 1 entitled "Building Code" of Chapter 18 entitled "Buildings and Building Regulations" be and the same is hereby amended to read as follows:

Sec. 18-101 Adoption of Building 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 Building Code, 2009 Edition, including Appendix Chapters C, E, F, G, H, I and J, as published by the International Code Council as the Building Code of the Village of Stickney, Illinois, regulating and governing the conditions and maintenance of all property, buildings and structures; by providing the standards for supplied utilities and facilities and other physical things and conditions essential to ensure that structures are safe, sanitary and fit for occupation and use; and the condemnation of buildings and structures unfit for human occupancy and use and the demolition of such structures as herein provided; providing for the issuance of permits; and each and all of the regulations, provisions, penalties, conditions and terms of said Building 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 Building Code set forth in Section 18-102 of this Chapter 18.

Section 2. Section 18-102 "Definition " of article III entitled "Building Code" of Chapter 18 entitled Buildings and Building Regulations be and the same is hereby amended to read as follows:

Section 18-102. Additions, insertions, deletions and changes:

of
A. Whenever the term Name of Jurisdiction is used, it shall mean the Village
Stickney.

Appeals
B. References to the establishment and duties and authority of the Board of
shall not be effective and shall be deleted.

deleted or
C. The following sections or subsections of the Building Code are revised,
added as indicated:

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
regardless of fire walls, fire barriers, or fire resistance rate
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
903.2.1 through 903.2.12 as amended.

buildings
Approved automatic sprinkler systems shall be provided in existing
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
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
valued at or costing 50% or more of the replacement cost of the
building or structure; or when 50% or more of the existing building
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 5-1 or 5-2 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:

- including
exceeding

a fire
feet.
1. Buildings having two or more stories above grade plane, basements with a fire area containing a repair garage exceeding 5,000 square feet.
 2. Buildings no more than one story above grade plane, with area containing a repair garage exceeding 5,000 square feet.

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

- exceeds 5,000
1. Where the fire area of the enclosed parking garage exceeds 5,000 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 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the Plumbing Code applicable to the system in the Village of Stickney. Hydrant water flow data used for any sprinkler system 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 ceilings of 25 feet or more. Where a building or structure of Use Group S or F with a ceiling height of 25 feet or more is proposed and no specific tenant is known, an ESFR sprinkler system designed for Class IV commodities stored on racks to the greatest possible storage height shall be provided.

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 be distinctly different and shall be automatically transmitted directly to the Stickney Fire Department Communications Center.

The following subsections are hereby added:

bell visual
provided
inspectors test valves
feet above the
marked as to which

903.4.2.1 Outside Devices. Provide an outside audible horn or (75 cd clear strobe) device over the fire department connection.

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

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 to 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 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.

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

around the 903.10. Private Fire Hydrants. Fire hydrants shall be provided perimeter of the building in 300 feet increments. A fire hydrant shall be located within 100 feet of the fire department connection on the fire protection water supply to the building. Fire flow requirements are subject to the provisions of Appendix B of the International Fire Code, 2009 Edition.

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 20,000 903.13. Warehouse Storage Areas. In all storage areas square feet and in all storage areas exceeding 12 feet in height, provide inside 2 ½ inch fire hose valves with 1 ½ inch reducer to a 1 ½ inch connection. Locate the valve at each door entrance to the warehouse and/or storage area. Provide additional 2 ½ inch fire hose valves so that no portion of the warehouse and/or 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.

The fire hose valves system pipings shall be:

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

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

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

approved 907.2. Where required – New Buildings and Structures. An fire alarm system installed in accordance with the provisions of this Code and NFPA 72 shall be provided in new buildings and structures in accordance

in accordance with 907.2.1 through 907.2.24, and provide occupant notification sections of this 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 -5- for that space of automatic fire detection and shall include a clear outside strobe over the entrance to each tenant space as directed by the fire department. All outside strobes shall be 75 candela minimum.

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

907.7.3.1. is hereby revised by adding the following:

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

The following subsection is hereby added:

connections 912.1.1. Fire department connections. All fire department shall be 4 inch story connections with 30 degree down turn.

1006.3 is hereby revised to add item 6 to read:

and 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 17th day of March, 2015.

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

APPROVED by me this 18th day of March, 2015.

Deborah Morelli, President

ATTESTED and **FILED** in my office
this 18th day of March, 2015.

Audrey McAdams, Village Clerk