

ORDINANCE 2018-03

AN ORDINANCE ADOPTING THE NFPA 101 "CODE FOR SAFETY TO LIFE FROM FIRE IN BUILDINGS AND STRUCTURES, 2015 EDITION" AND THE "INTERNATIONAL FIRE CODE, 2015 EDITION," AS AMENDED

WHEREAS, the City of Sandwich (the "City") desires to adopt the 2015 Edition of the NFPA 101, "Code for Safety to Life from Fire in Buildings and Structures," as published by the National Fire Protection Association, Inc., and to further adopt the "International Fire Code 2015 Edition," including its Appendices B, C, D, and F as recommended by the International Code Council, in order to facilitate the safeguarding of life and property for the benefit of the citizens of the City of Sandwich, and

WHEREAS, certain of the provisions of these updated Codes shall be specifically modified for the City, as reflected within this ordinance; and

WHEREAS, the City wishes to incorporate these Codes by means of modification of current Section 30-3, Codes Adopted, of the Sandwich Municipal Code.

NOW THEREFORE BE IT HEREBY ORDAINED by the City Council of the City of Sandwich, Illinois, as follows:

Section 1. That Section 30-3 be amended by repealing the existing 30-3. and replacing it with the following, in entirety:

FIRE PREVENTION AND PROTECTION

Sec. 30-3. Codes adopted.

There is hereby adopted by reference as the Fire and Life Safety Codes for the City of Sandwich, the NFPA 101, "CODE FOR SAFETY TO LIFE FROM FIRE IN BUILDINGS AND STRUCTURES," 2015 EDITION, as published by the National Fire Protection Association, Inc., and the "INTERNATIONAL FIRE CODE" -2015 EDITION, INCLUDING APPENDICES B, C, D, AND F, including amendments, as recommended by the INTERNATIONAL CODE COUNCIL-ICC, one copy of which is on file in the office of the city clerk of the City of Sandwich, Illinois, and have been on file for at least 30 days prior to the adoption of this ordinance. These Fire and Life Safety Codes for the City of Sandwich shall: apply to all buildings and structures in the incorporated limits of the City of Sandwich which are in existence at the time of the adoption hereof, or which may in the future be constructed and occupied, with respect to precautions against the origin and spread of fire, smoke, noxious gases and similar hazards, arising from the use of the buildings or structures, apply to the proper use and maintenance of exitways and all appurtenances and approaches thereto, fire protection and fire protective devices, and the practice of safety measures and precautions in the storage, handling and use of hazardous substance materials and devices; and provide for the issuance of permits and shall provide for all things and matters set forth in it as though they were set out fully here and shall be in all respect a self-existing document.

Modifications to the NFPA 101 Code for Safety to Life from Fire in Buildings and Structures, 2015 Edition, shall be incorporated as follows:

A. Section 24.3.5 Extinguisher requirements is amended as follows:

24.3.5.1 Shall be deleted.

24.3.5.2 Shall remain effective and enforceable.

Modifications to the ICC International Fire Code 2015 shall be incorporated as follows:

A. Section 101.1 is amended as follows:

101.1 Title. These regulations shall be known as the Fire Code of the City of Sandwich hereinafter referred to as such or as "this Code".

B. Section 108.1 is deleted and replaced as follows:

108.1 Board of appeals established. In order to hear and decide appeals of orders, decisions or determinations made by the *fire code official* relative to the application and interpretation of this code, there shall be and is here by created a board of appeals. Within the corporate limits of the City of Sandwich, Illinois, the Sandwich City Council shall serve as the board of appeals.

C. Section 108.3 is deleted.

D. Section 109.4 is deleted and replaced as follows:

109.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the *approved construction documents* or directive of the *fire code official*, or of a permit or certificate used under provisions of this code shall be subject to the provisions of Section 1.5 of the Sandwich City Code.

E. Section 111.1 is deleted and replaced as follows:

111.1 Order. Where the *fire code official* finds any work regulated by this code being performed in a manner contrary to the provisions of this code, or in a dangerous or unsafe manner, the *building code official* and the *fire code official* are authorized to issue a stop work order.

F. Section 113.1.1 add new section:

113.1.1 Application/Permit Fees. All applications/permits for new construction, remodeling or renovating of existing buildings shall be accompanied by an application/permit fee as follows:

Development application/permit fee:

New/Remodeled Architectural Plan Review Fee	\$ 300
New/Revised Site Plan Review Fee	\$ 300
New/Revised Engineering Plan Review Fee	\$ 300
New Fire Alarm System	\$ 300
New Automatic Suppression System	\$ 300
New Kitchen Suppression System	\$ 300
Alterations to Fire Alarm Systems	\$ 150
Alterations to Automatic Suppression System	\$ 150
Alterations to Kitchen Suppression System	\$ 150
Fire Alarm Monitoring Only	\$ 100
Industrial Process Review	\$ 300

G. Section 113.1.2 add new section:

113.1.2 Inspection Fees. The following are the inspection fees for the above listed application/permit requirements:

1. One final inspection is included in the application/permit fee as shown above.
2. One fire suppression system test and final inspection is included in the application/permit fee as shown above.

H. Section 113.1.3 add new section:

113.1.3 Re-inspection Fees. Any required additional inspection not included in the original application/permit fee shall be billed at \$100.00 per re-inspection.

I. Section 503.1.1 is deleted, including exceptions and replaced as follows:

503.1.1 Buildings and facilities. Public or private access shall be provided to each building so that the first responding fire department pumper unit will be able to be located that all points of the interior of the building may be reached by one hundred fifty (150) feet of initial attack hose. Where the size or height of the building does not allow this regulation to be met, an approved interior standpipe system equipped with fire department hose connections approved by the *fire code official* may be allowed as an exception.

J. Section 503.2 is modified to add an additional subsection as follows:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 24 feet, exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet, 6 inches.

K. Section 506.1 is deleted and replaced as follows:

506.1 Where required. A key box will be required on all new construction, buildings receiving an interior or exterior remodel and change of occupancy. This will provide immediate access, if necessary, for lifesaving or firefighting purposes or as deemed necessary by the fire chief, the police chief, or building code official. The above personnel shall be authorized to require a key to be installed in an accessible location. The key box shall be of an approved type and shall contain keys to gain access as required by the *fire code official*.

Exceptions: 1. Occupancies in the group R-3

- L. Section 507.5.1 is deleted and replaced as follows:

507.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 300 feet from a hydrant on a fire access road, as measured by an *approved route* around the exterior of the facility or building, onsite fire hydrants and mains shall be provided where required by the *fire code official*. All hydrants added shall have a 5-inch storz connection.

- M. Section 509.3 add section as follows:

509.3 Equipment protection and Fire Department Access. Fire pumps shall be located within their own 1 hour rated room with direct exterior access, with the doorway located at pavement, or sidewalk to pavement. A door to the interior of the building is also required.

- N. Section 901.4.2.1 add section as follows:

901.4.2.1 Discontinuance of use. All non-required fire protection systems shall be approved for discontinuance by the *fire code official*. All discontinued equipment and devices, such as pull stations, nozzles, detectors, sprinklers, sensors, panels and hose connections shall be removed so as not to give a false indication that the structure, area or space is protected.

- O. Section 903.2.1.1 amend Group A-I Number 1 as follows:

903.2.1.1 Group A-1 1. An *automatic sprinkler system* shall be provided for all fire areas containing group A-I occupancies exceeding 5,000 square feet in area.

- P. Section 903.2.1.2 amend Group A-2 Number 1 as follows:

903.2.1.2 Group A-2 1. An *automatic sprinkler system* shall be provided for all fire areas containing group A-2 occupancies exceeding 5,000 square feet in area.

- Q. Section 903.2.1.3 amend Group A-3 Number 1 as follows:

903.2.1.3 Group A-3 1. An *automatic sprinkler system* shall be provided for all fire areas containing group A-3 occupancies exceeding 5,000 square feet in area.

R. Section 903.2.1.4 amend Group A-4 Number 1 as follows.

903.2.1.4 Group A-4 1. An *automatic sprinkler system* shall be provided for all fire areas containing group A-4 occupancies exceeding 5,000 square feet in area.

S. Section 903.2.3 amend Group E Number 1 as follows and delete exception:

903.2.3 Group E 1. An *automatic sprinkler system* shall be provided for all fire areas containing group E occupancies exceeding 5,000 square feet in area.

T. Section 903.2.4 amend Group F-1 Number 1 as follows and delete number 3:

903.2.4 Group F-1 1. An *automatic sprinkler system* shall be provided for all fire areas containing group F-1 and F-2 occupancies exceeding 5,000 square feet in area.

U. Section 903.2.6 Group I shall be modified to delete the exceptions contained within.

V. Section 903.2.7 amend Group M Number 1 as follows and delete number 3:

903.2.7 Group M. 1. An *automatic sprinkler system* shall be provided for all fire areas containing group M occupancies exceeding 5,000 square feet in area.

W. Section 903.2.8 amend Group R as follows.

903.2.8 Group R. An *automatic sprinkler system* shall be provided for all fire areas containing group R-1, R-2 and R-4 occupancies.

X. Section 903.2.9 amend Group S-1 as follows:

903.2.9 Group S-1. An *automatic sprinkler system* shall be provided throughout all buildings containing Group S-1 and S-2 occupancies where one of the following conditions exist:

1. Where the building exceeds 5,000 square feet.
2. Where a Group S-1 and S-2 fire area is located more than two stories above grade plane.
3. A Group S-1 or S-2 building used for the storage of commercial trucks or buses which exceeds 5,000 square feet.
4. A Group S-1 and S-2 occupancies used for the storage of upholstered furniture or mattresses exceeding 2,500 square feet.

Y. Section 903.2.9.1 shall be amended as follows:

Section 903.2.9.1 Repair Garages. An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406.8 of the International Building Code as shown:

1. Buildings with a fire area containing a repair garage exceeding 5,000 square feet.
2. Buildings with repair garages servicing vehicles parked in basements.
3. A Group S-1 or S-2 fire area used for the repair of commercial trucks or buses where the fire area exceeds 5,000 square feet.
4. A group S-1 fire area used for the repair of commercial motor vehicles where the fire area exceeds 5,000 square feet (464m²).

Z. Section 903.2.10 shall be amended as follows:

903.2.10 Group S-2 Enclosed parking garages. *Automatic sprinkler system* shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.6 of the *International Building Code* where either of the following conditions exist:

1. Where the *fire area* of the enclosed parking garage exceeds 5,000 square feet.
2. Where the enclosed parking garage is located beneath other groups.

AA. Section 903.2.11.3 amend Buildings 55 feet or more in height as follows:

903.2.11.3 Buildings 55 feet or more in height. Change 55 feet to 40 feet.

BB. Section 903.6 add section as follows:

903.6.1 Additional requirements for existing buildings and structures. An *automatic sprinkler system* shall be provided in existing buildings and structures for a renovation or remodel that exceeds 5,000 square feet.

CC. Section 907.1.2.1 add Qualifications as follows:

907.1.2.1 Qualifications. Drawings for fire alarm systems shall be prepared by one of the following:

1. an Illinois licensed Professional Engineer with formal training in fire alarm layout/design.
2. A holder of a valid NICET level III or higher certification in Fire Alarm System Layout, who is either employed by or hired by the fire alarm installation contractor.

DD. Section 907.1.4 add section as follows:

907.1.4 Combination fire and burglar panels. Combination fire and burglar alarm panels are not allowed.

EE. Section 907.2.1 amend Group A as follows:

907.2.1 Group A. An approved automatic fire alarm system shall be installed in all group A occupancies. Delete exception.

FF. Section 907.2.2 amend Group B as follows:

907.2.2 Group B. An approved automatic fire alarm system shall be installed in all group B occupancies. Delete exception.

GG. Section 907.2.3 amend Group E as follows:

907.2.3 Group E. An approved automatic fire alarm system shall be installed in all group E occupancies. Delete exceptions.

HH. Section 907.2.4 amend Group F as follows:

907.2.4 Group F. An approved automatic fire alarm system shall be installed in all group F occupancies. Delete exception.

II. Section 907.2.5 amend Group H as follows:

907.2.5 Group H. An approved automatic fire alarm system shall be installed in all group H occupancies.

JJ. Section 907.2.6 amend Group I as follows:

907.2.6 Group I. An approved automatic fire alarm system shall be installed in all group I occupancies. Delete exceptions.

KK. Section 907.2.7 amend Group M as follows:

907.2.7 Group M. An approved automatic fire alarm system shall be installed in all group M occupancies. Delete exceptions.

LL. Section 907.2.8 amend Group R-1 as follows:

907.2.8 Group R-1. An approved automatic fire alarm system shall be installed in all group R-1 occupancies.

MM. Section 907.2.9 amend Group R-2 as follows:

907.2.9 Group R-2. An approved automatic fire alarm system shall be installed in all group R-2 occupancies.

NN. Section 907.2.10 amend Group R-4 as follows:

907.2.10 Group R-4. An approved automatic fire alarm system shall be installed in all group R-4 occupancies.

OO. Section 907.9 amend as follows:

907.9 Where required in existing buildings and structures. An approved fire alarm system shall be provided in existing buildings and structures where required in Chapter 11. All existing buildings and structures shall comply with Section 907.2 at the time in which a permit is issued, a change of owner occurs, or a change of occupancy classification occurs.

PP. Section 907.10 add section as follows:

907.10 Outside alerting devices. All fire alarm and fire suppression systems shall have an outside alerting device (strobe) of a type and at a location approved by the *fire code official*.

QQ. Section 912.8 add section as follows:

912.8 Fire department connection type. The fire department connection must be a five-inch storz with a 30 degree elbow. A fire hydrant must be located within 75 to 100 feet of the fire department connection.

RR. Appendix B *Fire-Flow Requirements for Buildings* is added as part of this code.

SS. Appendix C *Fire Hydrant Locations and Distribution* is added as part of this code.

TT. Appendix D *Fire Apparatus Roads* is added as part of this code.

UU. Appendix F *Hazard Ranking* is added as part of this code.

Section 3. That all other ordinances or parts of laws in conflict herewith are hereby expressly repealed.

Section 4. That if any section, subsection, sentence, clause or phrase of this legislation is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The City of Sandwich hereby declares that it would have passed this law, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases by declared unconstitutional.

Section 5. That nothing in this ordinance or in the Codes hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 1 of this law; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this legislation.

Section 6. That this Ordinance shall, by authority of the City Council of the City of Sandwich, Illinois, be published in pamphlet form. From and after ten days after said publication, this Ordinance shall be in full force and effect.

PASSED BY THE CITY COUNCIL of the City of Sandwich, Illinois, at a regular meeting thereof held on the 12th day of March, 2018, and approved by me as Mayor on the same day.

AYES: Aldermen Chmielewski, Dell, Kelleher, Killey, McMahon, Redden & Robinson
NAYS: None
ABSENT: Alderman O'Sullivan

/s/ Rick Olson Mayor

Attest:

/s/ Denise Li, City Clerk

PUBLISHED BY ME IN PAMPHLET FORM BY AUTHORITY OF THE CITY COUNCIL OF THE CITY OF SANDWICH, ILLINOIS, THIS 13th DAY OF MARCH, 2018.

/s/ Denise Li, City Clerk