

ORDINANCE NO. 2023-O-08

**AN ORDINANCE AMENDING THE FIRE PREVENTION AND BUILDING CODES
FOR THE WEST CHICAGO FIRE PROTECTION DISTRICT**

WHEREAS, the West Chicago Fire Protection District is a fire protection district duly organized under the laws of the State of Illinois; and

WHEREAS, THE Board of Trustees of the District has express power pursuant to 70ILCS 705/11, to adopt and enforce fire prevention and building codes and standards parallel to national standards to promote fire prevention and suppression; and

WHEREAS, the Board of Trustees of the District also has full power pursuant to 70 ILCS 705/6, to pass all necessary ordinances, and rules and regulations for the proper management and conduct of the business of the Board of Trustees of the District for carrying into effect the objects for which the District was formed; and

WHEREAS, the Fire Protection District Act, 70 ILCS 705/11, (the "Act") empowers and makes it the legal duty and obligation of this Board of Trustees to provide as nearly adequate protection from fire for all persons and property within the District as possible and to prescribe necessary regulations for the prevention and control of fire therein; and

WHEREAS, the District is empowered by the Act to provide reasonable safeguards through Fire Prevention and Building Codes to protect the Public Health and Safety against the hazards of fire in buildings and structures; and

WHEREAS, the Board has amended this ordinance on prior occasions by Ordinance, most recently on July 23, 2015; and

WHEREAS, the Board of Trustees of the District deem it in the best interest of the District to amend and adopt a new Fire Prevention Code using the 2021 Edition of the International Fire Code as the District's model for the control of fire protection in buildings and structures as herein provided; and each and all of the regulations,

provisions, penalties, conditions and terms as amended by the Fire Prevention Code listed in the 2021 edition of the International Fire Code, are hereby adopted and made part thereof, as if fully set out in this Ordinance, except for the additions, insertions, deletions and changes set forth in **Exhibit A** to this Ordinance; and

WHEREAS, the 2021 Edition of the International Fire Code is a comprehensive compilation of codes designed to meet the needs of the local fire jurisdictions through model code regulations that prescribe safeguards for the safety and public health of all communities; and

WHEREAS, the ICC (International Code Council) is a result of the consolidation of the three previously recognized model code organizations: BOCA (Building Officials & Code Administrators), ICBO (International Conference of Building Officials) and SBCCI (Southern Building Code Congress International; and

WHEREAS, the Board of Trustees of the District deem it in the best interest of the District to amend and adopt a new Building Code using the 2021 Edition of the International Building Code as the District's model for the control of fire protection in buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms as amended by the Building Codes listed in the 2021 edition of the International Building Code, are hereby adopted and made a part thereof, as if fully set out in this Ordinance, except for the additions, insertions, deletions and changes set forth in **EXHIBIT B** to this Ordinance.

WHEREAS, the Board of Trustees of the District deem it in the best interest of the District to amend and adopt new Existing Building, Property Maintenance, and Life Safety Codes (respectively) using the 2021 edition of the ICC Codes and 2021 Life Safety Code as the District's model for the design and installation of building systems as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms as amended by the Building Codes listed in the 2021 edition of the

International Code Council Codes and 2021 Life Safety Code, are hereby adopted and made a part thereof, as if fully set out in this Ordinance, except for the additions, insertions, deletions and changes set forth in **EXHIBIT C** to this Ordinance.

NOW, THEREFORE, be it ordained by the Board of Trustees of the West Chicago Fire Protection District, DuPage County Illinois as follows:

SECTION 1: The facts and statements contained in the preamble to this Ordinance are hereby found by the Board of Trustees to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2: The fire prevention code of the West Chicago Fire Protection District (hereinafter referred to as the "Fire Prevention Code") shall hereafter be identical with the provisions of the publication(s) listed in **Exhibit A** hereto, and said publication(s) listed in Exhibit A hereto are incorporated herein by reference as if fully set forth, except as amended in **Exhibit A** to this Ordinance. At least (3) copies of this Fire Prevention Code shall be placed on file with the District and shall be available for public inspection at all times during regular business hours as provided by law.

SECTION 3: The building code of the West Chicago Fire Protection District (hereinafter referred to as the "Building Code") shall hereafter be identical with the provisions of the publication(s) listed in **Exhibit B** hereto, and said publication(s) listed in Exhibit B hereto are incorporated herein by reference as if fully set forth, except as amended in **Exhibit B** to this Ordinance. At least three (3) copies of this Building Code shall be placed on file with the District and shall be available for public inspection at all time during regular business hours as provided by law.

SECTION 4: The existing building, property maintenance, and life safety codes of the West Chicago Fire Protection District (hereinafter referred to as the "Existing Building, Property Maintenance, and Life Safety Codes (respectively)") shall hereafter be identical with the provisions of the publication(s) listed in **Exhibit C** hereto, and said

publication(s) listed in Exhibit B hereto are incorporated herein by reference as if fully set forth, except as amended in **Exhibit C** to this Ordinance. At least three (3) copies of the respective Codes shall be placed on file with the District and shall be available for public inspection at all time during regular business hours as provided by law.

SECTION 5: That it shall be unlawful to design, construct, alter, enlarge, repair, demolish, remove, use or maintain any building or structure within the boundaries of the West Chicago Fire Protection District in violation of any terms or provisions of this Ordinance.

SECTION 6: All persons in violation of the Fire Prevention or Building Codes shall be subjected to fines as set forth and established in the Codes and in this Ordinance. Any person, business, firm, corporation, entity or property owner with a proven violation of this code shall be responsible for all fees, cost and expenses, including but not limited to attorney fees, litigation, adjudication and settlement costs, incurred by the West Chicago Fire Protection District in enforcing the provisions of the adopted Code.

SECTION 7: Future versions of the District's Fire Prevention and Building Code shall be revised by Board approval of additions **Exhibits** hereto that amend the current **Exhibits A, B and C**. All such revisions shall be dated and shall be effective upon approval by the Board of Trustees.

SECTION 8: The Board of Trustees of the District hereby declares that should any section, paragraph, sentence or word of this Ordinance or of the Codes herby adopted be declared for any reason to be invalid, it is the intent of said Board of Trustees that it would have passed all other portions of this Ordinance independent of the elimination here from of such portion as may be declared invalid.

SECTION 9: Neither the enactment of this Ordinance nor the repeal of any ordinance or parts of ordinances as provided for herein shall be construed to affect or abate any action or cause of action for violation of said prior ordinance or ordinances.


SECTION 10: That this Ordinance shall be in full force and effect from and after its passage, approval and publication in accordance with the law.

ADOPTED this 28th day of September, 2023, by the following roll call vote:

AYES: 5

NAYS: 0

ABSENT: 0



President, Board of Trustees
West Chicago Fire Protection District

ATTEST:



Secretary, Board of Trustees
West Chicago Fire Protection District

STATE OF ILLINOIS)
)
COUNTY OF DUPAGE) SS

SECRETARY'S CERTIFICATE

I, _____, the duly qualified Secretary of the Board of Trustees of the West Chicago Fire Protection District, DuPage County, Illinois, do hereby certify that I am the keeper of its books and records and that the attached hereto is a true and correct copy of an Ordinance entitled:

ORDINANCE NO. 2023-O-08

**AN ORDINANCE ADOPTING BUILDING AND FIRE PREVENTION CODES
FOR THE WEST CHICAGO FIRE PROTECTION DISTRICT**

which Ordinance was duly adopted by said Board of Trustees at a regular meeting held on the 28th day of September, 2023.

I do further certify that a quorum of said Board of Trustees was present at said meeting and that the Board complied with all requirements of the Illinois Open Meetings Act.

IN WITNESS WHEREOF, I have hereunto set my hand this 28th day of
September, 2023.


Secretary, Board of Trustees
West Chicago Fire Protection District

EXHIBIT A

Sec. 4-11. Fire code.

(a) *Adopted.* There is hereby adopted by reference as if fully set out herein that certain code known as the "2021 International Fire Code," as published by the International Code Council, Inc., including Appendix Chapters B and E through J inclusive, together with the additions, insertions, deletions and changes hereinafter set forth, one (1) copy of which has been on file for a period of more than thirty (30) days prior to the adoption of this section and is now on file in the office of the City Administrator or designee.

(b) *Amendments.* The following additions, insertions, deletions and changes are hereby made to the above-adopted code:

[A] 101.1 *Title.* Insert "West Chicago Fire Protection District" where indicated.

104.12 *Authority at fires and other emergencies.* Amend this section by adding the following new sub-sections:

104.12.4 *Other assistance.* If in the opinion of the Fire Code Official, when actual and immediate danger to life and property exists from the hazards of fire and explosion arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the use of occupancy of buildings or premises, the Fire may employ such labor and machinery, equipment and devices and cause the necessary work to be done to render said occupants or property temporarily safe, whether the procedure prescribed in this section has been instituted or not.

104.12.4.1 *Notification.* Where practical and time constraints permit, the owner, occupant or other person responsible for the emergency condition shall be notified of the emergency condition, in writing, and shall have the option of making the condition safe where practical.

104.12.4.2 *Liability.* The owner and occupants of the premises shall be jointly and severally liable for any costs incurred in connection with same.

104.12.4.3 *Recovery of costs.* The Fire shall cause proper action to be instituted against the owner of the premises, and the occupants if different than the owners, for the recovery of costs incurred by the West Chicago Fire Protection District or their agents in the performance of the emergency work."

[A] 105.1 *General.* Amend by adding the following new subsection 107:

"[A] 107.1.7 *Permit Fees.* Fees are per the applicable West Chicago Fire Protection District or City of West Chicago schedules."

[A] 112.4 *Violation Penalties.* Delete the section in its entirety and insert the following new section:

"[A] 112.4 *Violation penalties.* Persons who shall violate a provision of this code, fail to comply with any of the requirements thereof or erect, install, alter or repair work in violation of the approved construction documents or directive of the Chief Building Official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as provided in Chapter 1, section 1-8 of the Code of Ordinances of the West Chicago Fire Protection District".

304.1.1 *Waste material.* Amend by adding thereto the following language:

"No persons shall store in any building excess amounts of combustible empty packing cases, wooden or plastic pallets barrels, boxes, rubber tires, shavings, excelsior, rubbish, paper bags, litter, hay, straw and similar combustibles. Aisle ways and storage of the above mentioned combustibles necessary for the performance of business shall be kept in an orderly and neat manner. Combustible materials shall be removed daily or more often as necessary to suitable vaults, bins, dumpsters, compactors or separate buildings. Such practices shall be approved by the Chief Building Official."

304.2 *Storage.* Amend by adding thereto the following language:

"Wherever and whenever stock is dispensed directly from a shipping container and combustible material is used as protective packing, such packing material shall be removed from the container and taken care of by removing to the outside in closed containers. Such container shall be kept closed at all times except when removing stock there from."

307.1 *General.* Amend this section by adding the following wording at the end of the first paragraph:

"When permitted, only untreated wood shall be burned. Leaves, compost, brush, waste materials of any kind, holiday decorations and/or Christmas trees shall be prohibited."

307.4.3 *Portable outdoor fireplaces Exception.* Delete the Exception in its entirety.

308.1.4 *Open-flame cooking devices.* Modify this section by deleting Exceptions 2 and 3.

SECTION 315 *General Storage.* Amend by adding the following new section:

"315.8 *ADDITIONAL STORAGE REQUIREMENTS.* The requirements of 2021 NFPA 1 Chapter 33 *Outside Storage of Tires* and Chapter 34 *General Storage* shall be applicable for all occupancies regulated by the 2021 International Fire Code.

SECTION 316 *HAZARDS TO FIREFIGHTERS.* Amend by adding the following new section:

"316.7 *Truss construction.* All buildings containing truss construction assemblies shall have signage permanently affixed to the building at a location which is approved by the Building/Fire Official. The sign shall be rectangular in shape measuring 18 inches horizontally and 12 inches vertically. The sign shall have a red reflective background containing a white reflective triangle measuring 13 inches on the sides having a ½" stroke with letters inside having a 1-¼" stroke as follows:

'F' - for truss floor assemblies

'R' - for truss roof assemblies

'FR' - for truss floor and roof assemblies"

CHAPTER 3 *GENERAL REQUIREMENTS.* Amend by adding thereto the following new section:

"SECTION 322
COOKING AND HEATING APPLIANCES

322.1 Hotels and Motels. In Residential Use Group R-1, the use of any cooking or heating appliances other than those approved, permanently installed and inspected shall be prohibited."

CHAPTER 3 GENERAL REQUIREMENTS, amend by adding thereto the following new section:

"SECTION 323
TRANSPORTATION

323.1 Transportation routes. Routes for vehicles transporting explosives, blasting agents, and combustible & flammable liquids shall be approved by State or Federal governments."

503.1.1 Buildings and facilities. Delete the second sentence and substitute the following language:

"The fire apparatus access road shall comply with the requirements of this section and shall extend such that the responding fire apparatus pumper may be so located that all points of the interior of the building may be reached by one hundred fifty (150) feet of initial attack hose."

503.2.1 Dimensions. Amend by deleting the language "an obstructed vertical clearance of not less than 13 feet 6 inches (4115 mm)" and substituting the following:

"allowing proper operation of ladders and mechanically elevated mechanisms. Roads shall be at least fifteen (15) feet from the building, or further if the height of the building requires a greater set back to allow elevated access."

503.2.3 Surface. Amend by adding the following language at the end of the section:

"The minimum design shall be six (6) inches of granular stone base surfaced by at least two (2) inches of bituminous asphalt or concrete equivalent."

503.2.4 Turning radius, modify by adding thereto the following language:

"Approved turning templates shall be shown on all document submittals."

503.2.5 Dead ends. Delete this section in its entirety and substitute the following new section 503.2.5:

"*503.2.5 Continuity.* Access routes shall be continuous around the building.

Exceptions:

1. Where approved by the fire code official, when building access openings spaced at a minimum 150 lineal feet and a complete fire suppression system are provided.
2. Cul-de-sacs not less than ninety (90) feet in diameter with a maximum length of one thousand (1000) feet for other than detached single family developments."

503.3 Marking. Modify by deleting the words "Where required by the fire code official,"

503.4 Obstruction of fire apparatus access roads. Amend by adding the following new section 503.4.2:

"*503.4.2 Enforcement agreement required.* Where required to ensure enforcement of parking restrictions the building owner and/or occupant shall enter into an enforcement agreement with the police department allowing issuance of citations.

505.1 Address numbers. Amend by adding the following language at the end of the section:

"Similar sized numbers or letters shall be located at all rear and side doors of all multi-tenant commercial structures."

505 Premises Identification. Amend by adding the following language:

Section 505.3 All buildings with four or more doors accessible from the exterior shall bear door numbers posted on both the interior and exterior in a conspicuous location. Doors shall be numbered starting with "1" as the main entrance and proceed with numbering clockwise. Markings shall be numerical not less than 2 inches in height with 1/2 inch stroke width.

506.1 Where required. Amend by adding the following sentence to the end of the paragraph:

"This rapid entry key box system shall be used for Fire Department emergencies only."

507.3 Fire flow. Amend by adding the following new sections:

"507.3.1 Application. This section defines water supplies for fire department use for new construction.

507.3.2 All buildings or structures shall be served by a public water supply system meeting these criteria. This system shall be under pressure with an average static pressure of not less than thirty-five (35) pounds per square inch (psi). Flows shall be calculated at twenty (20) psi residual pressure. The supplies shall be available for continuous four (4) hour duration except that flows less than two thousand (2,000) gpm need to be available for a two (2) hour duration.

507.3.2.1 Buildings not exceeding ten thousand (10,000) square feet (gross area) may be served by a static water supply where access to this supply is maintained throughout the year and is approved by the fire code official.

507.3.3 Consistent with proper fire prevention, the following water supplies shall be available commensurate with the hazards listed therein:

Single family detached residential	1,000 to 1,500 gpm
Town/row or cluster housing	1,500 to 2,000 gpm
Apartment type construction	3,000 to 4,000 gpm
Industrial and storage	3,000 to 5,000 gpm
Research & development laboratories	3,000 to 4,000 gpm
Business and commercial areas	3,000 to 4,500 gpm
Mercantile center	3,000 to 6,000 gpm
Assembly and educational	3,000 to 5,000 gpm
Health care and institutional	3,000 to 4,000 gpm

Exception: If available water supplies listed cannot be met, then the water main must be looped around the development and/or provide additional fire hydrants as approved by the City and/or the Fire Protection District.

507.5.1 Where required. Delete in entirety including exceptions and substitute following new language:

"507.5.1 *Where required.* Along public streets so that no portion of the building or structure to be protected will be over three hundred (300) feet from any required hydrant in multiple-housing, commercial or industrial developments as measured along an approved route and four hundred (400) feet in residential districts. Where this may not be possible, additional hydrants shall be located upon the premises accessible to motorized fire apparatus."

507.5.1.1. *Hydrant for standpipe systems.* Delete this section and its exception in its entirety.

507.5.1 *Where required.* Amend by adding the following new sub-sections:

"507.5.1.1 *Intersections.* One (1) hydrant shall be located at each intersection and intermediate hydrants where distance between intersections exceeds four hundred (400) feet.

507.5.1.2 *Dead ends.* Where streets, access routes or parking lots dead-end, hydrants shall be placed along the response routes.

507.5.1.3 *Minimum required.* At least two (2) hydrants shall be located within three hundred (300) feet of each building.

507.5.1.4 Additional fire hydrants shall be provided within five hundred (500) feet of each building so that the required fire flow divided by one thousand (1,000) will equal the number of hydrants available.

507.5.1.5 *Distance from pavement.* Hydrants will be located approximately ten (10) feet from all-weather roadways. If this cannot be done, the closest part of the hydrant shall be set back a minimum of five (5) feet from the roadway curb line.

507.5.1.6 *Proximity to building.* Hydrants shall be located no closer than twenty-five (25) feet from the building to be protected.

507.5.1.7 *Access.* Access to fire hydrants shall be approved roadways, adequate in width (minimum twenty (20) feet), clearance and strength for firefighting purposes. Such routes shall be maintained accessible during all seasons of the year and identified as no parking with signs and pavement markings approved by the fire code official. Legal provisions or easements for access are required for private roads.

507.5.1.8 *Distance to fire department connection.* No required fire department connection shall be located over seventy-five (75) feet from a fire hydrant."

SECTION 507 FIRE PROTECTION WATER SUPPLIES. Amend by adding the following new section:

"507.5.7 *Design standard.* Fire hydrants used in conjunction with water supplies shall meet the standards of the American Water Works Association Standard No. C-502, and shall have two (2) 2-1/2 inch and one (1) 4-1/2 inch outlets with an auxiliary gate valve on the hydrant branch line. Threads shall be American National Standard. The 4-1/2 inch outlet shall face the roadway. Each fire hydrant shall supply one thousand (1,000) gpm. Where fire suppression systems are served by the same main, the system requirement shall be added to the total water supply requirement."

901.6.3 Amend "Copies of all applicable records shall be maintained within the records management system designated by the Chief Building Official.

901.6.3 *Records*. Amend by adding the following language to the end of the section:

"Said records shall contain the following information:

1. The date and time of all tests.
2. The name of the person who conducted the test.
3. The water pressure on the sprinkler riser gauge before and after each test (for sprinkler system tests only).
4. The residual pressure during the main drain test.
5. Any problems found before, during or after each test."

901.7 *Systems out of service*. Amend by adding the following language to the end of the second paragraph:

"When any fire suppression system must be taken out of service, for any length of time, a responsible person shall be stationed at the control valve(s) to immediately activate the system in case of fire."

903.2.1 *Group A*. Delete this section, and all subsections in its entirety and substitute the following new sections:

"903.2.1 *Group A*. An automatic sprinkler system shall be provided throughout all Group A-1, A-2, A-3 and A-4 occupancies.

903.2.1.1 *Group A-5*. An automatic sprinkler system shall be provided for Group A-5 occupancies in the following areas: concession stands, retail areas, press boxes and other accessory use areas in excess of 1,000 square feet."

903.2.2 *Group B ambulatory health care facilities*. Delete this section in its entirety and substitute the following new section:

"903.2.2 *Group B*. An automatic sprinkler system shall be provided throughout all Group B occupancies."

903.2.3 *Group E*. Delete this section in its entirety and substitute the following new section:

"903.2.3 *Group E*. An automatic sprinkler system shall be provided throughout all Group E occupancies."

903.2.4 *Group F-1*. Delete this section and all subsections in their entirety and insert the following new section:

"903.2.4 *Groups F-1 & F-2*. An automatic sprinkler system shall be provided throughout all Group F-1 and F-2 occupancies."

903.2.5.3 *Pyroxylin plastics*. Delete this section in its entirety.

903.2.7 *Group M*. Delete this section in its entirety and substitute the following new section:

"903.2.7 *Group M*. An automatic sprinkler system shall be provided throughout all Group M occupancies."

903.2.9 *Group S-1*. Delete this section and all subsections in their entirety and insert the following new section:

"903.2.9 *Groups S-1 & S-2*. An automatic sprinkler system shall be provided throughout all Group S-1 and S-2 occupancies."

"[B] 903.2.9 Groups S-1 & S-2. An automatic sprinkler system shall be provided throughout all Group S-1 and S-2 occupancies.

EXCEPTION: Buildings used primarily for the bulk storage of road salt."

903.2.10 *Group S-2*. Delete this section and all subsections in their entirety and insert the following new section:

"903.2.10 *Group U*. An automatic sprinkler system shall be provided throughout all occupiable spaces of Group U exceeding 1,000 square feet (93 m²)"

"Exception: Group U agricultural buildings as identified in Appendix C of the 2021 International Building Code."

903.2.11.3 *Buildings over 55 feet in height*. Exception Delete this section in its entirety and substitute the following new section:

903.2.11.3 *Airport control towers*. Automatic sprinkler systems are not required to be installed in airport control towers.

SECTION 903 AUTOMATIC SPRINKLER SYSTEMS. Amend by adding thereto the following new sections:

903.2.13 *Additions to existing buildings*. An automatic sprinkler system shall be provided throughout existing buildings and new additions of all uses when the addition exceeds 1000 square feet in gross area.

Exception: Sprinklers need only be provided to the addition, and not the existing building, when separated from the building by a 2-hour fire-separation assembly, and, provided the addition does not exceed 50% of the existing building area.

903.2.14. *Change of use in existing buildings*. An automatic sprinkler system shall be provided throughout existing buildings when a change of use occurs if the new use is of an increased hazard.

Exception: Group A-2 occupancies not exceeding 2,500 ft² in fire area and when located on the first floor only.

903.2.14.1 *Increased hazard*. An increased hazard exists if the allowable tabular area of the new use is less than the existing based on comparison of the type of construction and the tabular area as specified in Table 506.2 of the International Building Code.

903.4 *Sprinkler system supervision and alarms*. *Exceptions*: 2, 3, 4, 5, 6 and 7. Delete in their entirety.

905.3 *Required installations*. Amend by adding thereto the following new sections [F] 905.3.8 and [F] 905.3.8.1:

"905.3.9 *All other buildings*. Standpipes shall be installed in areas where horizontal or vertical access is more than one hundred fifty (150) feet beyond the level of fire department vehicle access. Distance is measured starting from the fire department apparatus' hose connection.

905.3.9.1 *Locations*. Where a standpipe system is required by this section there shall be Class I hose connections at each required exit door on each floor. All grade level exit doors with adjacent standpipe hose connections shall have approved labeling measuring 12-inch square, permanently affixed in a conspicuous location on the exterior side of the door with plainly legible

wording stating "FD HOSE VALVE". The lettering shall be contrasting color to the background and easily readable.

907.2 Where required—new buildings and structures. Delete the first paragraph in its entirety and substitute the following language:

"907.2 Where required—new & existing buildings and structures. An approved addressable fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new and existing buildings and structures in accordance with Sections 907.2.1 through 907.2.23 and provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code. Fire alarm system shall only include that necessary for required operation of the system and not include other components for security or burglar alarm functions, etc."

907.2.1 Group A. Delete the first paragraph and the exception in its entirety and substitute the following language:

"907.2.1 Group A. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group A."

907.2.1.1 System initiation in Group A occupancies with an occupant load of 1,000 or more. Delete the first paragraph in its entirety and substitute the following language:

"907.2.1.1 System initiation in Group A occupancies with an occupant load of 500 or more. Activation of the fire alarm in Group A occupancies with an occupant load of 500 or more shall initiate a signal using an emergency voice/alarm communications system in accordance with Section 907.5.2.2."

907.2.2 Group B. Delete the first paragraph and the exception in its entirety and substitute the following language:

"907.2.2 Group B. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group B with a total gross building area over five hundred (500) square feet."

907.2.3 Group E. Delete the first paragraph and the exceptions in their entirety and substitute the following language:

"907.2.3 Group E. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group E."

907.2.4 Group F. Delete this paragraph in its entirety and substitute the following language:

"907.2.4 Group F, S and U. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Groups F, S and U with a total gross building area over five hundred (500) square feet."

907.2.5 Group H. Delete the first sentence in its entirety and substitute the following language:

"907.2.5 Group H. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group H."

907.2.6 Group I. Delete the first sentence in its entirety and substitute the following language:

"907.2.6 Group I. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group I."

907.2.6.1 Group I-1. Delete the first exception in its entirety.

907.2.7 *Group M*. Delete this section in its entirety and substitute the following language:
"907.2.7 *Group M*. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group M."

907.2.8 *Group R-1*. Delete this section in its entirety and substitute the following new section [B] 907.2.8:

"907.2.8 *Group R-1*. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group R-1."

907.2.8.1 *Manual fire alarm system*. Delete this section in its entirety.

907.2.9 *Group R-2*. Delete this section in its entirety and substitute the following new section [B] 907.2.9:

"[B] 907.2.9 *Group R-2*. An automatic fire alarm detection system shall be installed and maintained in all new and existing occupancies of Group R-2."

907.2.9.1 *Manual fire alarm system*. Delete this section in its entirety.

907.5.1.1 *Pre-signal feature*. Delete this section in its entirety.

907.5.2.3 *Visible alarms*. Delete this section in its entirety and substitute the following new paragraph:

"907.5.2.3 *Visible alarms*. Visible alarm notification appliances shall be provided in accordance with Sections 907.5.2.3.1 through 907.5.2.3.6."

907.5.2.3 *Visible alarms*. Amend by adding thereto the following language new sections 907.5.2.3.5 and 907.5.2.3.6:

"907.5.2.3.4 *Tenant space light*. Each tenant space in a multiple tenant building shall have an audio-visual alarm visible in a public access area indicating which tenant space has the activated alarm.

907.5.2.3.5 *Outside alerting device*. All fire alarm and fire suppression systems shall have outside alerting devices of a type and at a location approved by the Chief Building Official.

907.6.6 *Monitoring*. Delete the exceptions in their entirety.

907.8 *Inspection, testing and maintenance*. Amend by adding the following new sections 907.8.5 and 907.8.6:

"907.8.5 *Out of service*. No alarm shall be out of service without the prior approval of the building official.

907.8.6 *Fire watch required*. When a fire alarm system must be taken out of service for any length of time, a continuous fire watch with the capability of notifying the fire department shall be established at all times until service is re-established. Otherwise occupancy of the building or space shall not be permitted.

907.9 *Where required in existing buildings and structures*. Delete this section in its entirety and insert the following new section.

"907.9 *Where required in existing buildings and structures*. An approved fire alarm system complying with this Chapter shall be provided in all existing buildings and structures."

909.1 *Scope and purpose*. Amend by adding the following new subsections 909.1.1 and 909.1.2:

"909.1.1 *Required smoke control systems.* In addition to that required elsewhere in this code, an emergency smoke control system shall also be provided in new construction as follows:

1. In all buildings with a fire area exceeding forty thousand (40,000) square feet of floor area. Plenums and sub-floors enclosed within a defined fire area separation do not require separate smoke control or exhaust systems.
2. In all buildings over three (3) stories or thirty-five (35) feet in height.
3. In covered mall buildings including individual tenant spaces."

Exception: Unlimited area buildings providing smoke and heat venting or a mechanical exhaust system as required by Section 910.

909.1.2 *Design parameters.* Smoke control systems shall be designed to provide a minimum of 2 air changes per hour.

910.4.5 *Manual control location.* Delete this section in its entirety and substitute the following new paragraph:

910.4.5 *Manual control location.* Manual controls shall be at a location approved by the fire so as to be easily accessible to the fire service from an exterior door of the building and protected against interior fire exposure by not less than 1-hour fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both.

913.2 *Protection against interruption of service.* Amend by adding the following language:

"Electrically powered fire pumps shall also have an adequately sized emergency generator complying with the electrical code."

2003 *General Precautions.* Amend by adding the following new section 2003.8:

"2003.8 *Aircraft Storage, Fueling, Maintenance and Operations.* The storage, fueling, maintenance, construction of support facilities and operations, for aircraft, including helicopters, shall be in accordance with Table 2003.8."

TABLE 2003.8

NFPA 407	Aircraft Fuel Servicing
NFPA 409	Aircraft Hangers
NFPA 410	Aircraft Maintenance
NFPA 415-13	Aircraft Fueling Ramp Drainage
NFPA 418-11	Construction And Protection Of Roof-Top-Heliports

2304.3 *Unattended self-service motor fuel-dispensing facilities.* Amend this section by adding the following new section 2304.3.8:

"2304.3.8 *Special dispensers.* Special type dispensers such as coin, key or card operated devices, for self operation by the general public at unattended facilities are prohibited."

Exception: Aviation fuel dispensers located in secure areas used for aviation purposes, only."

2306.2.5 *Portable Tanks.* Amend by adding the following language at the end of the section:

"Flammable and combustible fuel stored inside a building shall be in approved metal containers with self closing lids and the total amount shall not exceed ten (10) gallons. Storage in excess of this amount must be in approved fire-rated cabinets complying with Section 3404.3 of this code."

3205.5 Pile dimension and height limitations. Amend by adding the following language at the end of the section:

"In no instance shall pile storage be located within 2 feet of the ceiling, nor within eighteen (18) inches from any sprinkler head."

CHAPTER 50 HAZARDOUS MATERIALS. Amend by adding thereto the following new section:

"SECTION 5006 TRANSPORTATION

5006.1 Transportation routes. Routes for vehicles transporting hazardous materials, including, but not limited to, combustible and flammable liquids, shall be approved by State or Federal governments."

5601.1.3 Fireworks. Delete this section in its entirety and substitute the following new section 5601.1.3:

"*5601.1.3 Manufacture, sale and storage.* The manufacture, sale or storage of explosives and fireworks is prohibited. Small fireworks containing any amount of pyrotechnic composition designed primarily to produce visible or audible effects by combustion are also included in this prohibition."

5601.2 Permit required. Delete this section and substitute the following new section 5601.2:

"*5601.2 Permit required - city events and city property.* Applications for firework displays and discharge shall be made in a form developed by the Fire and shall be submitted at least thirty (30) days in advance of an event. Firework displays either for city events or held on city property must meet the following requirements, as recommended by the city's risk management agency:

- (1) The applicant for a permit must provide an original commercial general liability certificate of insurance, from an insurance company in good standing with the City, with the following coverage limits:
 - a. \$5,000,000 combined single limit per occurrence for bodily injury and property damage, with the City of West Chicago and West Chicago Fire Protection District, its officials, employees, agents and volunteers named as additional insureds; and
 - b. The general aggregate shall be twice the required occurrence limit, or no less than \$10,000,000 per occurrence.
- (2) The original certificate of insurance must be provided to the city directly by the insurance company.
- (3) The certificate of insurance must state that there is a no shooters exclusion and that a cross suits exclusion does not apply to those listed as additional insureds on the certificate."

5601.2.4 Financial responsibility. Delete this section in its entirety and substitute the following new Section 5601.2.4:

"5601.2.4 Permit required - private fireworks displays. For private fireworks displays not conducted on public property, before a permit is issued, as required by Section 5601.2, the applicant shall file with the city a commercial general liability insurance policy in the sum of \$100,000 for the purpose of the payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgment results. Applications for private fireworks displays and discharge shall be made in a form developed by the Fire Code Official and shall be submitted at least thirty (30) days in advance of an event."

5704.2.9.7 Additional requirements for protected above-ground tanks. Amend this section by adding the following new section 5704.2.9.7.10:

"5704.2.9.7.10 Other requirements. The above-ground storage of Class I flammable liquids, Class II, Class IIIA and Class IIIB combustible liquids and Class I, II, IIIA, and IIIB solvents in excess of the exempt amounts in the building code shall conform to the following:

1. All containers shall have a 2-hour rating.
2. All containers shall provide secondary containment.
3. All containers shall conform to the requirements of NFPA 30, 30A, UL 142 and UL 2085.
4. All installation shall comply with the requirements of the Illinois Fire Marshal.
5. The maximum total gallons per tank shall be 2,500 gallons.
6. The maximum number of tanks shall be 2.
7. Multiple compartment tanks with different liquids are allowed with the maximum per tank of 2,500 gallons.
8. The installation shall comply with all local codes, ordinances and standards.
9. The tank installation shall have a permit from the fire district.
10. The tank installation shall have a permit from the Illinois State Fire Marshal.

Exception: Above ground storage tanks utilized solely for permanently affixed emergency generator-sets, fire-pumps installed with hard-piped connections need not comply with items 5, 6 and 7, listed above when approved by the Fire Code Official."

Section 5704.2.9.6.1 Amend this section by inserting the following geographic limits in which the storage of Class I and Class II liquids in above-ground tanks outside of buildings is prohibited:

"All residential zoned districts as established by the Code of Ordinances of the City of West Chicago or West Chicago Fire Protection District."

Section 5706.2.4.4 Amend this section by inserting the following geographic limits in which the storage of Class I and Class II liquids in above-ground tanks is prohibited:

"All residential zoned districts as established by the Code of Ordinances of the City of West Chicago or West Chicago Fire Protection District."

Section 5806.2 Amend this section by inserting the following geographic limits in which the storage of flammable cryogenic fluids in stationary containers is prohibited:

"All residential zoned districts as established by the Code of Ordinances of the West Chicago Fire Protection District."

Section 6104.2 Amend this section by inserting the following geographic limits in which the storage of liquefied petroleum gas is restricted for the protection of heavily populated or congested areas:

"All residential zoned districts as established by the Code of Ordinances of the West Chicago Fire Protection District."

SECTION 6106 DISPENSING AND OVERFILLING. Amend this section by adding the following new section 6106.4:

"*Section 6106.4 Tank vehicles.* No tank vehicle shall be left unattended on any lot, street, highway, avenue, alley or any other location within the municipal limits unless located in a secured, tamper proof area and/or during emergency situations, such as loss of primary power, or as otherwise determined by the Fire Code Official. In all instances, such operations shall comply with all Federal, State and local regulations."

EXHIBIT B

Industrial, commercial, multifamily building code.

- (a) There is hereby adopted by reference as if fully set out herein that certain code known as the 2021 International Building Code", including Appendixes C and F—J inclusive, as published by the International Code Council, Inc., together with the additions, insertions, deletions and changes hereinafter set forth, one (1) copy of which has been on file for a period of more than thirty (30) days prior to the adoption of this section and is now on file in the office of the City Administrator or designee.
- (b) *Amendments.* The following additions, insertions, deletions and changes are hereby made to the above-adopted code:

101.1 Title. Insert "West Chicago Fire Protection District" where indicated.

105.2 Work exempt from permit. Delete in its entirety.

312.1 General. Amend this section by adding the following language at the end of the paragraph:

"Other non-habitable or detached accessory structures as determined by the Building Official"

412.4.6 Fire suppression. Delete this section in its entirety and substitute the following new language:

"*412.4.6 Fire suppression.* Any airplane hangar, which exceeds either of the following limitations, shall comply with NFPA 409 (Standard on Aircraft Hangars) - 2016 Edition;

1. A single fire area more than 50,000 square feet in area.
2. A hangar door greater than 33 feet in height.

Exception: Group II hangars, as defined in NFPA 409, storing private aircraft with or without major maintenance or overhaul are exempt from foam suppression requirements."

507.3 Nonsprinklered, One-Story. Delete in its entirety.

Section 901.6.1 Automatic sprinkler systems. Modify this section by deleting Exception #2.

[F] 903.2.1 Group A. Delete this section and all subsections in its entirety and substitute the following new sections:

"[F] 903.2.1 Group A. An automatic sprinkler system shall be provided throughout all Group A-1, A-2, A-3 and A-4 occupancies.

[F] 903.2.1.1 Group A-5. An automatic sprinkler system shall be provided for Group A-5 occupancies in the following areas: concession stands, retail areas, press boxes and other accessory use areas in excess of 1,000 square feet."

[F] 903.2.2 Group B ambulatory health care facilities. Delete this section in its entirety and substitute the following new section:

"[F] 903.2.2 Group B. An automatic sprinkler system shall be provided throughout all Group B occupancies."

[F] 903.2.3 Group E. Delete this section in its entirety and substitute the following new section:

"[F] 903.2.3 Group E. An automatic sprinkler system shall be provided throughout all Group E occupancies."

[F] 903.2.4 Group F-1. Delete this section and all subsections in their entirety and insert the following new section:

"[F] 903.2.4 Groups F-1 & F-2. An automatic sprinkler system shall be provided throughout all Group F-1 and F-2 occupancies."

[F] 903.2.5.3 Pyroxylin plastics. Delete this section in its entirety.

[F] 903.2.7 Group M. Delete this section in its entirety and substitute the following new section:

"[F] 903.2.7 Group M. An automatic sprinkler system shall be provided throughout all Group M occupancies."

[F] 903.2.9 Group S-1. Delete this section and all subsections in their entirety and insert the following new section:

"[F] 903.2.9 Groups S-1 & S-2. An automatic sprinkler system shall be provided throughout all Group S-1 and S-2 occupancies.

EXCEPTION: Buildings used primarily for the bulk storage of road salt."

[F] 903.2.10 Group S-2. Delete this section and all subsections in their entirety and insert the following new section:

"[F] 903.2.10 Group U. An automatic sprinkler system shall be provided throughout all occupiable spaces of Group U exceeding 1,000 square feet (93 m²)"

"Exception: Group U agricultural buildings as identified in Appendix C."

[F] 903.2.11.1 Stories without openings. Delete this section and all subsections in their entirety.

[F] 903.2.11.3 Buildings over 55 feet in height. Exception: Delete this section in its entirety and substitute the following new section:

[F] 903.2.11.3 *Airport control towers.* Automatic sprinkler systems are not required to be installed in airport control towers.

[F] 903.4 *Sprinkler system supervision and alarms. Exceptions: 2, 3, 4, 5, 6 and 7.* Delete in their entirety.

SECTION 903 AUTOMATIC SPRINKLER SYSTEMS, amend by adding thereto the following new section:

"903.6 *System diagram.* A diagram indicating all areas served by the control valves shall be posted adjacent to the risers and/or control valves."

(F) 905.1 *General.* Amend the end of the first paragraph with following: "All required standpipes shall be Class 1 standpipes"

[F] 905.3 *Required installations.* Amend by adding thereto the following new sections [F] 905.3.9 and [F] 905.3.9.1:

"[F] 905.3.9 *All other buildings.* Standpipes shall be installed in areas where horizontal or vertical access is more than one hundred fifty (150) feet beyond the level of fire department vehicle access. Distance is measured starting from the fire department apparatus' hose connection.

(F) 905.3.9.1 *Locations.* Where a standpipe system is required by this section there shall be Class 1 hose connections at each required exit door on each floor. All grade level exit doors with adjacent standpipe hose connections shall have approved label measuring 12-inch square, permanently affixed in a conspicuous location on the exterior side of the door with plainly legible wording stating "FD HOSE VALVE". The lettering shall be a contrasting color to the background and easily readable.

SECTION 905 STANDPIPE SYSTEMS, amend by adding thereto the following new sections:

"905.11 *Water supply.* When installed as required above, water flow requirements for standpipes shall be one hundred fifty (150) gpm at one hundred (100) psi at each outlet with a maximum of six hundred (600) gpm.

905.12 *Hose connections.* All hose connections shall be a minimum of a 2½ inch hose outlet with a gated valve, a 2½ inch to 1½ inch reducer with national standard thread and a 1½ inch cap."

[F] 907.2 *Where required—new buildings and structures.* Delete the first paragraph in its entirety and substitute the following language:

"[F] 907.2 *Where required—new buildings and structures.* An approved addressable 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 with Sections 907.2.1 through 907.2.23 and provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code. Fire alarm system shall only include that necessary for required operation of the system and not include other components for security or burglar alarm functions, etc."

[F] 907.2.1 *Group A.* Delete the first paragraph and the exception in its entirety and substitute the following language:

"[F] 907.2.1 *Group A.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Group A."

[F] 907.2.1.1 *System initiation in Group A occupancies with an occupant load of 1,000 or more.* Delete the first paragraph in its entirety and substitute the following language:

"[F] 907.2.1.1 *System initiation in Group A occupancies with an occupant load of 500 or more.* Activation of the fire alarm in Group A occupancies with an occupant load of 500 or more shall initiate a signal using an emergency voice/alarm communications system in accordance with Section 907.5.2.2."

[F] 907.2.2 *Group B.* Delete the first paragraph and the exception in its entirety and substitute the following language:

"[F] 907.2.2 *Group B.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Group B with a total gross building area over five hundred (500) square feet."

[F] 907.2.3 *Group E.* Delete the first paragraph and the exceptions in their entirety and substitute the following language:

"[F] 907.2.3 *Group E.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Groups E."

[F] 907.2.4 *Group F.* Delete this paragraph in its entirety and substitute the following language:

"[F] 907.2.4 *Group F, S and U.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Groups F, S and U with a total gross building area over five hundred (500) square feet."

[F] 907.2.5 *Group H.* Delete the first sentence in its entirety and substitute the following language:

"[F] 907.2.5 *Group H.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Group H."

[F] 907.2.6 *Group I.* Delete the first sentence in its entirety and substitute the following language:

"[F] 907.2.6 *Group I.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Group I."

[F] 907.2.6.1 *Group I-1.* Delete the first exception in its entirety.

[F] 907.2.7 *Group M.* Delete this section in its entirety and substitute the following language:

"[F] 907.2.7 *Group M.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Group M."

[F] 907.2.8 *Group R-1.* Delete this section in its entirety and substitute the following new section [F] 907.2.8:

"[F] 907.2.8 *Group R-1.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Group R-1."

[F] 907.2.8.1 *Manual fire alarm system.* Delete this section in its entirety.

[F] 907.2.9 *Group R-2.* Delete this section in its entirety and substitute the following new section [F] 907.2.9:

"[F] 907.2.9 *Group R-2.* An automatic fire alarm detection system shall be installed and maintained in all new occupancies of Group R-2."

[F] 907.2.9.1 *Manual fire alarm system.* Delete this section in its entirety.

907.5.1.1 *Presignal feature.* Delete this section in its entirety.

907.5.2.3 Visible alarms. Delete this section in its entirety and substitute the following new paragraph:

"907.5.2.3 *Visible alarms.* Visible alarm notification appliances shall be provided in accordance with Sections 907.5.2.3.1 through 907.5.2.3.5."

907.5.2.3 Visible alarms. Amend by adding thereto the following language new sections 907.5.2.3.4 and 907.5.2.3.5:

"907.5.2.3.4 *Tenant space light.* Each tenant space in a multiple tenant building shall have an audio visual alarm visible in a public access area indicating which tenant space has the activated alarm.

907.5.2.3.5 *Outside alerting device.* All fire alarm and fire suppression systems shall have outside alerting devices of a type and at a location approved by the Chief Building Official.

907.6.6 Monitoring. Delete the exceptions in their entirety.

[F] 909.1 *Scope and purpose.* Amend by adding the following new subsections 909.1.1 and 909.1.2:

"[F] 909.1.1 *Required smoke control systems.* In addition to that required elsewhere in this code, an emergency smoke control system shall also be provided in new construction as indicated below. Unless otherwise prohibited elsewhere by this code, activation shall be by manual control located at the smoke control panel specified in Section [F] 909.16.

1. In all buildings with a fire area exceeding forty thousand (40,000) square feet of floor area. Plenums and sub-floors enclosed within a defined fire area separation do not require separate smoke control or exhaust systems.
2. In all buildings over three (3) stories or thirty-five (35) feet in height.
3. In covered mall buildings including individual tenant spaces."

Exception: Unlimited area buildings providing smoke and heat venting or a mechanical exhaust systems as required by Section 910.

[F] 909.1.2 *Design parameters.* Smoke control systems shall be designed to provide a minimum of 2 air changes per hour.

910.4.5 Manual control location. Delete this section in its entirety and substitute the following new paragraph:

910.4.5 Manual control location. Manual controls shall be at a location approved by the fire so as to be easily accessible to the fire service from an exterior door of the building and protected against interior fire exposure by not less than 1-hour fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both.

CHAPTER 11 ACCESSIBILITY, delete this chapter in its entirety.

1612.3 Establishment of flood hazard areas. Insert "KANE COUNTY, DUPAGE COUNTY, ILLINOIS AND INCORPORATED AREAS" where indicated.

1612.3 Establishment of flood hazard areas. Insert "~~September 2004~~" "August 1, 2019" where indicated.

EXHIBIT C

Existing building code.

- (a) *Adopted.* There is hereby adopted by reference, as if fully set out herein, that certain code known as the 2021 International Existing Building Code," as prepared and published by the International Code Council, Inc., together with the additions, insertions, deletions and changes hereinafter set forth, one (1) copy of which has been [on file] for a period of more than thirty (30) days prior to the effective date hereof and now is on file in the office of the city clerk.
- (b) *Amendments.* The following additions, insertions, deletions and changes are hereby made to the above-adopted code:

101.1 Title. Insert "West Chicago Fire Protection District" where indicated.

302.2 Additional codes. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

SECTION 302 GENERAL PROVISIONS. Amend this section by adding the following new sections 302.6 and 302.7:

"302.6 Automatic sprinkler systems. Automatic fire sprinkler systems shall be provided in existing buildings as specified in sections 302.6.1 thru 302.6.2.1

302.6.1 Additions to existing buildings. In other than one & two family residential structures and townhomes, an automatic sprinkler system shall be provided throughout existing buildings and new additions of all uses when the addition exceeds 1000 square feet in gross area.

Exception: Sprinklers need only be provided to the addition, and not the existing building, when separated from the building by a 2-hour fire-separation assembly, and, provided the addition does not exceed 50% of the existing building area.

302.6.2. Change of use in existing buildings. An automatic sprinkler system shall be provided throughout existing buildings when a change of use occurs if the new use is of an increased hazard.

Exception: Group A-2 occupancies not exceeding 2,500 ft² in fire area and when located on the first floor only and when located in the B-1 zoned Central Business District.

302.6.2.1 Increased hazard. An increased hazard exists if the allowable tabular area of the new use is less than the existing based on comparison of the type of construction and the tabular area as specified in Table 503 of the International Building Code.

302.7 Automatic fire detection systems. In other than one & two family residential structures and townhomes, an approved addressable fire alarm system providing contact closure ID installed in accordance with the provisions of this code and NFPA 72 shall be provided in existing buildings and structures in accordance with Sections 907.2.1 through 907.2.23 of the International Building Code and provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code. Fire alarm system shall only include that necessary for required operation of the system and not include other components for security or burglar alarm functions, etc."

408.1 Materials. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

702.7 Materials and methods. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

810.1 Minimum fixtures. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

1009.1 Increased demand. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in two locations.

1009.2 Food-handling occupancies. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

1009.3 Interceptor required. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

1009.5 Group I-2. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

1301.2 Applicability. Insert [date] where indicated.

1501.7 Facilities required. Substitute "Illinois Plumbing Code" for "International Plumbing Code" in one location.

Property Maintenance Code

- (a) *Adopted.* There is hereby adopted by reference, as if fully set out herein, that certain code known as the "2021 International Property maintenance Code" as prepared and published by the International Code Council, Inc., together with the additions, insertions, deletions and changes hereinafter set forth, one (1) copy of which has been [on file] for a period of more than thirty (30) days prior to the effective date hereof and now is on file in the office of the City Administrator or designee.

Life safety code.

- (a) *Adopted.* There is hereby adopted by reference, as if fully set out herein, that certain code known as the "2021 NFPA 101-Life Safety Code," as prepared and published by the National Fire Protection Association, Inc., together with the additions, insertions, deletions and changes hereinafter set forth, one (1) copy of which has been for a period of more than thirty (30) days prior to the effective date hereof and now is on file in the office of the City Administrator or designee.
- (b) *Amendments.* The following additions, insertions, deletions and changes are hereby made to the above adopted life safety code.

(1) Child care facilities.

- a. *Day care centers.* Those facilities regulated under Chapters 16 and 17 (Day-Care Centers) of the Life Safety Code shall include only:
- i. Any facility licensed as a day care center by the department of children and family services;
 - ii. Any unlicensed facility that regularly provides day care for less than twenty-four (24) hours per day for more than eight (8) children in a family home, or more than three (3) children in a facility other than a family home;

- iii. Part day child care facilities, as defined in the Child Care Act of 1969.
- b. *Day CARE HOMES*. Those facilities regulated under Chapters 16 and 17 (Family Day-Care Homes) of the Life Safety Code shall include only:
 - i. Any facility licensed as a day care home by the department of children and family services;
 - ii. Any unlicensed facility that is a family home that receives more than three (3) up to a maximum of twelve (12) children for less than twenty-four (24) hours per day. The number counted includes the family's natural or adopted children and all other persons under the age of twelve (12). This subsection (b)(1)(B) does not affect facilities that receive only children from a single household.
- c. *Group day care homes*. Those facilities regulated under Chapters 16 and 17 (Group Day-Care Homes) of the Life Safety Code shall include only:
 - i. Any facility licensed as a group day care home by the department of children and family services; or
 - ii. Any unlicensed facility that is a family home that receives more than 3 up to a maximum of sixteen (16) children for less than twenty-four (24) hours per day. The number counted includes the family's natural or adopted children and all other persons under the age of twelve (12).
- d. For purpose of determining the classification of a child care facility, current department of children and family services guidelines will be applied.
- (2) *Child-to-staff ratios*. Child-to-staff ratios in day care facilities shall comply with 89 Ill. Adm. Code 406 and 407 and with the Child Care Act of 1969. Any conflicting provisions of the Life Safety Code are inapplicable.
- (3) *One- and two-family dwellings*. Chapter 24 (One- and Two-Family Dwellings) is adopted as recommended guidelines only.
- (4) When clients occupy a level below the level of exit discharge in a day care home or group day care home occupancy, exiting shall be provided in accordance with the requirements of the applicable edition of the Life Safety Code, or with the following:
 - a. *Primary means of egress*.
 - i. If an exit discharging directly to the outside at the basement level is not provided, and therefore occupants must traverse another level of the home to exit, the path of egress through the level of exit discharge shall be separated from the remainder of that level of the home by construction providing a minimum fire resistance rating of one-hour, or
 - ii. The home shall be equipped with smoke detectors permanently powered by the building's electrical system and wired so that the actuation of one (1) detector will actuate all the detectors in the dwelling. At least one (1) such smoke detector shall be located on each level of the occupancy (excluding unoccupied attics), and the path of egress through the level of exit discharge (from the basement door to the exterior door of the home) must be protected by automatic fire sprinklers. Listed residential sprinklers shall be used and the installation shall be made in accordance with National Fire Protection Association Standard #13D, Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes - 1994 edition.
 - b. *Secondary means of egress*. If a window is used where the size is not in accordance with the applicable edition of the Life Safety Code, the owner or operator of

the day care or group day care home must demonstrate to an onsite representative of the Illinois State Fire Marshal that all occupants (staff and clients) can escape through the window to the exterior of the home in three (3) minutes or less. The bottom sill of any window used as a secondary means of escape shall be within forty-four (44) inches of the floor as required by the Life Safety Code, or a permanently fixed stair or ramp shall be installed at the window to allow occupants to be within forty-four (44) inches of the bottom window sill when standing atop the stair or ramp

