

ORDINANCE NO. 26 – O – 03

**AN ORDINANCE AMENDING THE FIRE PREVENTION CODE
FOR THE COUNTRYSIDE FIRE PROTECTION DISTRICT**

WHEREAS, the Countryside Fire Protection District, located in Lake and Cook County, in the State of Illinois (the "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 (the "Board of Trustees") has express power pursuant to 70 ILCS 705/11 to adopt and enforce fire prevention codes and standards parallel to national standards to promote fire prevention; 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 Building and Fire Prevention Codes to protect the Public Health and Safety against the hazards of fire in buildings and structures; and

WHEREAS, the Board previously passed an ordinance adopting a fire Prevention Code for the District; and

WHEREAS, the Board of Trustees deems it in the best interest of the District to amend and adopt a fire prevention code 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 of the published **2024** Edition of The International Fire Code are hereby referred to, adopted and made a part thereof, as if fully set out in this Ordinance, except for the additions, insertions, deletions and changes thereto as set forth in Exhibit A to this Ordinance.

NOW, THEREFORE, be it ordained by the Board of Trustees of the Countryside Fire Protection District, Lake 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 Countryside Fire Protection District (hereinafter referred to as the "Fire Prevention Code") shall hereafter be identical with the provisions of that publication entitled "The International Fire Code, 2024 Edition" and which is incorporated herein by reference as if fully set forth, except as amended in **Exhibit A** to this Ordinance. At least three (3) copies of the International Fire Code shall be placed on file with the District and shall be available for public inspection following adoption at all times during regular business hours as provided by law.

SECTION 3: 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 Countryside Fire Protection District in violation of any terms or provisions of this Ordinance.

SECTION 4: That the specific terms and conditions of this Ordinance shall prevail against other existing ordinances of the District to the extent that there might be any conflict.

SECTION 5: Any person, business, firm, corporation, entity or property owner with a proven violation of this Code shall be responsible for all fees, costs and expenses, including but not limited to attorney fees, litigation, adjudication and settlement costs, incurred by the Countryside Fire Protection District in enforcing the provisions of the adopted Code. All persons in violation of the Fire Prevention Code shall be subject to fines as set forth and established in Subsection 109.3 and Subsection 111.4 of the code. Those Subsections shall be added or amended as follows:

Subsection 109.4 Violation penalties. Amended to read as follows:

Amended: 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 or repair or do work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under provisions of this code, shall be subject to a fine of not less than \$75.00 dollars or more than \$1000.00 dollars. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Subsection 111.4 Failure to comply. Amended to read as follows:

Amended: Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine

of not less than \$75.00 dollars or more than \$1000.00 dollars for each offense payable to the Countryside Fire Protection District.

SECTION 6: Future versions of the District's Fire Prevention Code shall be revised by Board approval of additional **Exhibits** hereto that amend the current **Exhibit A**. All such revisions shall be dated and shall be effective upon approval by the Board of Trustees.

SECTION 7: The Board of Trustees of the District hereby declares that should any section, paragraph, sentence or word of this Ordinance or of the Code hereby 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 8: 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 9: 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 20th day of August, 2026 by the following roll call vote:

AYES: Trustees Brown, Davenport + Kincaid

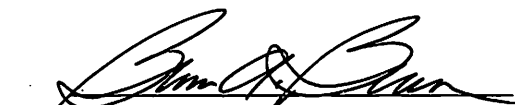
NAYS: _____

ABSENT: _____

District

ATTEST:


Secretary, Board of Trustees
Countryside Fire Protection District


President, Board of Trustees
Countryside Fire Protection



STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)

SECRETARY'S CERTIFICATE

I, **JOSEPH KIRIAZES**, the duly qualified and acting Secretary of the Board of Trustees of the Countryside Fire Protection District, Lake 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. 26 – O – 03

**AN ORDINANCE AMENDING THE FIRE PREVENTION CODE
FOR THE COUNTRYSIDE FIRE PROTECTION DISTRICT**

which Ordinance was duly adopted by said Board of Trustees at a regular meeting held on the 20th Day of August, 2026.

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 and the seal of the District this 20th Day of August, 2026.




Joseph Kiriazes, Secretary
Countryside Fire Protection District

EXHIBIT A

COUNTRYSIDE FIRE PROTECTION DISTRICT FIRE PREVENTION CODE

2024 EDITION OF THE INTERNATIONAL FIRE CODE WITH CERTAIN AMENDMENTS

ADOPTION OF THE INTERNATIONAL FIRE CODE 2024 EDITION

Adoption. The regulations of the 2024 edition of the International Fire Code as published by the International Code Council are hereby adopted as the regulations governing the safeguard of life and property 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 or occupancy of buildings or premises in the Countryside Fire Protection District with such amendments as are hereafter set forth. Where any provision of the Fire Prevention Code as adopted, conflicts with the provisions of the Code of Ordinances of the Countryside Fire Protection District, the Code of Ordinances shall prevail as the applicable law of the Countryside Fire Protection District.

CHAPTER 1 – SCOPE AND ADMINISTRATION

SECTION 101 – SCOPE AND GENERAL REQUIREMENTS

101.1 Title is deleted and in its place is amended to read as follows:

101.1 Title. These regulations shall be known as the fire code of the Countryside Fire Protection District, hereafter referred to as “this code”.

SECTION 103 – CODE COMPLIANCE AGENCY

103.1 General is deleted and in its place is amended to read as follows:

103.1 General. The Fire Prevention Bureau is established within the Countryside Fire Protection District under the direction of the Fire Chief. The bureau shall be responsible for the implementation, administration and enforcement of this code.

Sections 103.2 Appointment is deleted and in its place is amended to read as follows:

103.2 Appointment. The Fire Chief shall be appointed by the Board of Trustees of the jurisdiction. For the purposes of this code, the Fire Chief is the same as the code official.

103.3 Deputies is deleted and in its place is amended to read as follows:

103.3 Deputies. In accordance with the prescribed procedures of the Countryside Fire Protection District and with the concurrence of the appointing authority, the Fire Chief shall

have the authority to appoint a Deputy Chief, other related technical officers, inspectors and other employees. Such employees shall have powers as delegated by the Fire Chief.

SECTION 104 – DUTIES AND POWERS OF THE FIRE CODE OFFICIAL

104.1 General is deleted and in its place is amended to read as follows:

104.1 General. The Fire Chief is hereby authorized to enforce the provisions of this code.

104.2.4 Modifications is deleted and in its place is amended to read as follows:

104.2.4 Modifications. The Fire Chief is authorized to grant modifications to the provisions of this Code upon application in writing by the owner, lessee, or their duly authorized agent, where there are practical difficulties in carrying out the strict letter of this Code, provided that the intent of this Code is observed, public safety is secured, and substantial justice is done.

The Fire Chief may impose conditions on any such modification as deemed necessary to ensure compliance with the intent of this Code.

Where authority has been delegated to a Fire Code Official or designee, the Fire Chief may review, affirm, modify, or reverse any such decision.

The decision to grant or deny a modification shall be in writing and entered into the records of the Countryside Fire Protection District. A signed copy of the decision shall be provided to the applicant.

104.8 Liability is deleted and in its place is amended to read as follows:

104.8 Liability. The Fire Chief, a member of the Board of Appeals, officer or employee charged with the enforcement of this code, while acting for the Countryside Fire Protection District, in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered personally liable, either civilly or criminally, and is hereby relieved from all personal liability for any damage accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties.

104.11.4 Reporting hazardous locations Add as an additional section:

Any person discovering the evidence of spontaneous heating or other abnormal heating of any kind in any building, marine vessel, appliance, apparatus, tank, or open stack or pile, or any person upon discovering or being apprised of an uncontrolled hazardous gas leak or hazardous material or flammable and/or combustible liquid spill, shall immediately notify the Countryside Fire Protection District.

SECTION 105 - PERMITS

105.1.1 Permits required is deleted and in its place is amended to read as follows:

105.1.1 Permits required. Permits shall be obtained from the Countryside Fire Protection District as required in other sections of this Code. Permits shall be valid only for the calendar year they were issued for, or until the expiration date on the permit for temporary permits. A new permit along with the fee set forth in Section 105.1.6 shall be required each calendar year. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the Code Official.

105.5 Required Operational Permits
Insert the Following:

The Fire Chief, or designee, is authorized to issue operational permits for the operations set forth in Sections 105.5.2 through 105.5.53.

105.7 Operational Permit Fees (Annual Permit Fee or Event) is deleted and in its place is amended to read as follows:

105.7 Operational permit fees. The following fees are established for any operational permits required by this Code, and shall be submitted along with the permit application:

Air-supported structures, temporary	\$60.00
Aerosol products, flammable and combustible	\$60.00
Amusement buildings or events (outdoors) per event	\$60.00
Automotive service station and repair garages	\$60.00
Aviation facilities	\$60.00
Battery Systems	\$60.00
Bowling establishment	\$60.00
Calcium carbide storage	\$60.00
Carnivals and fairs	\$60.00
Cellulose nitrate film	\$60.00
Combustible dust-producing operations	\$60.00
Combustible fibers, except agricultural storage	\$60.00
Compressed gases	\$60.00
Corrosives	\$60.00
Covered mall buildings	\$60.00
Cutting and welding, calcium carbide and acetylene generators	\$60.00
Cryogenic liquids	\$60.00
Day care centers	\$60.00
Dry cleaning plants	\$60.00
Dust producing materials, explosion hazards	\$60.00
Emergency responder radio coverage system	\$60.00
Exhibits and trade shows	\$60.00
Explosives, ammunition and blasting agents	\$60.00
Fire hydrants and valves (private)	\$60.00
Fireworks (pyrotechnic display – per job)	\$60.00
Flammable and combustible liquids	\$60.00
Flammable solids	\$60.00

Floor finishing	\$60.00
Fruit and crop ripening	\$60.00
Fumigation and thermal insecticidal fogging (per event)	\$60.00
Hazardous materials, storage and handling	\$60.00
Hazardous production material facilities	\$60.00
Health hazard materials, storage and handling	\$60.00
High piled storage	\$60.00
Hot work operations	\$60.00
Industrial ovens	\$60.00
LP-gas, storage, use and handling	\$60.00
Licensed group homes	\$60.00
Liquefied/gas fueled vehicles or equipment in assembly buildings	\$60.00
Lumber yard and woodworking plants with more than 100,000 board ft.	\$60.00
Magnesium	\$60.00
Marine service and repair garages	\$60.00
Matches, manufacture or storage of	\$60.00
Material storage facilities	\$60.00
Miscellaneous combustible storage	\$60.00
Oil and gas production	\$60.00
Open flames and candles – torches for removing paint, candles, etc.	\$60.00
Open burning (Except recreational fires)	\$60.00
Organic coatings, process	\$60.00
Ovens and furnaces, industrial type processes	\$60.00
Oxidizers, liquid and solid	\$60.00
Pesticides, storage and handling	\$60.00
Places of assembly and education for profit	\$60.00
Places of assembly and education not for profit	N/C
Pyroxylin plastics	\$60.00
Radioactive materials	\$60.00
Recreational and sport vehicle service and repair	\$60.00
Refrigeration equipment	\$60.00
Rooftop heliport	\$60.00
Solar photovoltaic power systems	\$60.00
Storage of scrap tires and tire by-products	\$60.00
Temporary membrane structures, tents and canopies	\$60.00
Toxic solids and liquids	\$60.00
Unstable (reactive) chemicals, storage and handling	\$60.00
Waste handling	\$60.00
Water material handling facilities	\$60.00
Water-reactive materials, storage and handling	\$60.00
Welding and cutting operations, electric or gas	\$60.00
Wood products	\$60.00

Add as additional sections:

105.8 Site Development and Construction Plan Review is deleted and in its place is amended to read as follows:

105.8 Site development and construction plan review. Each applicant for a building permit involving new construction, additions and/or alterations, subdivision improvements, Planned Unit Developments (PUD's), fire detection/suppression systems or any other item that will affect the Countryside Fire Protection District operation, shall submit to the Code Official for review and approval, electronic submittal in PDF format of all required plans, documents and a complete description of work to be performed. Only site development and sprinkler system plan and documents will be required for all single-family residences. The Code Official shall, within ten (10) days, examine said plans and documents to determine compliance with the applicable codes, standards, ordinances and good fire safety practices. If said plans are approved, the Code Official shall endorse said plans accordingly, and deliver said plans to the applicant and/or Building Official. If said plans are found to be unsatisfactory, then said plans shall be returned to the applicant and/or Building Official with a memorandum listing the specified deficiencies found. A copy of the list of deficiencies shall be delivered to the applicant and/or Building Official with a recommendation to reject said plans until corrected.

105.8.1 Plan review and site inspection fee schedule is deleted and in its place is amended to read as follows:

105.8.1 Plan review and site inspection fee schedule. Each applicant shall pay the following plan review and site inspection fees for review and site inspection by the Countryside Fire Protection District Fire Prevention Bureau. No part of said fees shall be refundable. Plan review fees shall include re-reviews, along with preliminary site visits up to a total of three (3) inspections for each category. Contact the Countryside Fire Protection District for the plan review and site inspection fee schedule adopted by ordinance of the Board of Trustees, as amended from time to time. Submit electronic submittal in PDF format of shop drawings and documents for plan review.

EXHIBIT A

Effective 08-20-2026

Plan Review and Inspection Fee Schedule

All plan review fees include all re-reviews and site visits up to a total of 3 inspections for each category.

<u>Site Plan - New development</u>	\$300.00
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<u>Construction: new, additions, remodeling etc:</u>	\$441.00
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Life safety review up to 15,000 sq ft

Over 15,000 square feet, .01 cents/square foot over 15K

Commercial Sprinkler Systems:

Existing system remodel (1-20 sprinklers)	\$441.00
Existing system remodel (21-100 sprinklers with hydrostatic test)	\$667.00
New system(s) with calculations:	
(1-20 sprinklers)	\$441.00
(21-50 sprinklers)	\$793.00
(51-100 sprinklers)	1108.00
(101-200 sprinklers)	\$1312.00
(201-300 sprinklers)	\$1506.00
(301-500 sprinklers)	\$1824.00
(Over 500 sprinklers)	\$1824 + \$2.60/sprinkler

Residential Sprinkler Systems:

Up to 100 sprinklers	\$626.00
Over 100 sprinklers \$626 + \$2.40/sprinkler	\$626 + \$2.40/sprinkler

<u>Standpipe Systems independent of sprinkler systems</u> (Additional 3 rd party review may be needed plus 20%)	\$526.00
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<u>Fire Pump replacement and related equipment</u> (Additional 3 rd party review may be needed plus 20%)	\$526.00
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<u>Fire Alarm replacement (Just fire alarm panel)</u> + \$7.55 per additional device	\$350.00
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<u>Fire Alarm Systems/New or remodel up to 20 initiating and notification devices</u>	\$543.00
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Fire Alarm System/ New or remodel over 20 initiating and notification devices \$543.00 + \$7.55
per additional
device

Fire Suppression Systems (Kitchen Wet Chem, Dry Chem, Clean Agent, Etc...) \$450.00
(Additional 3rd party review may be needed plus 20%)

Combination/Pre-action/Clean Agent (general review w/o third party review)
(Additional 3rd party review may be needed plus 20%)

Restaurant Mechanical Hood & Duct Systems \$450.00
(Additional 3rd party review may be needed plus 20%)

Spraying or Dipping Booth \$450.00
(Additional 3rd party review may be needed plus 20%)

Compressed gases/Flammable & Combustible Liquids \$450.00
(Additional 3rd party review may be needed plus 20%)

Flammable and Combustible Liquids \$450.00
(Additional 3rd party review may be needed plus 20%)

LP- Gas \$450.00
(Additional 3rd party review may be needed plus 20%)

Hazardous Material \$450.00
(Additional 3rd party review may be needed plus 20%)

Temporary Membrane Structures, Tents and Canopies

\$125.00

New Development Contribution Fee

The Countryside Fire Protection District has adopted a developer contribution fee of \$600 per dwelling unit for new residential developments.

Any future expansion or increase in density, following approval of the preliminary plat, will be subject to the contribution payment schedule. Payment will be due at the time agreed upon by both parties prior to the issuance of any building permits.

In addition to the above referenced fees, each developer will be required to contribute \$100.00 per home or building for the emergency outdoor warning siren system.

Developer contribution fees for commercial buildings will be addressed at a rate of \$.21 per square foot.

The Countryside Fire Protection District may require a capital contribution for buildings or developments that have a profound impact on emergency operations as deemed necessary by the Fire Chief. Such contributions shall include, but not be limited to senior citizen developments, multi-story buildings, large commercial retail projects, use or storage of hazardous materials, etc. The Fire District only extends property tax and is not a benefactor of sales tax. Full realization from tax revenue is typically not fully collected for three years; therefore, this contribution will assist in offsetting full-service costs incurred.

All plan review fees (unless otherwise noted) include: processing, initial and re-reviews, preliminary site visits, and all other inspections of the appropriate systems. All plan reviews are subject to be sent to a third-party consultant for review and inspection. When a review is sent to a third-party consultant, the fee will be the consultant's invoice plus 20%.

Any work performed without a permit will be subjected to double the normal review fee.

All transmittals/reviews requested to be returned in 5-7 business days will be charged DOUBLE the normal review fee

Inspection hours (07:00 am to 15:00 pm) Monday- Friday

NOTE: In addition to the review fees listed, the applicant shall pay, prior to the issuance of any permit, the actual costs and expenses incurred by Countryside Fire Protection District for extraordinary reviews of plans or specifications beyond the review customarily involved in the usual course of such plan reviews. Such costs and expenses shall include actual review fees by consultants or outside contractors or time spent by Countryside Fire Protection District staff.

Countryside Fire Protection District staff time shall be billed at an hourly rate to be determined by the Fire Chief or designee.

105.8.2 New development contribution fee is deleted and in its place is amended to read as follows:

105.8.2 New development contribution fee. The Countryside Fire Protection has adopted a developer contribution fee of \$600 per dwelling unit for new residential developments.

Any future expansion or increase in density, following approval of the preliminary plat, will be subject to the contribution payment schedule. Payment will be due at a time agreed upon by both parties prior to the issuance of any building permits.

Developer contribution fees for commercial buildings will be assessed at a rate of \$.21 per square foot.

In addition to the above referenced fees, each developer will be required to contribute \$100.00 per home or building for the emergency outdoor warning siren system.

The Countryside Fire Protection District may require a capital contribution for buildings or developments that have a profound impact on emergency operations as deemed necessary by the Fire Chief. Such contributions shall include, but not be limited to senior citizen developments, multi-story buildings, large commercial retail projects, use or storage of hazardous materials, etc. The Fire District only extends property tax and is not a benefactor of sales tax. Full realization from tax revenue is typically not fully collected for three years; therefore, this contribution will assist in offsetting full-service costs incurred.

SECTION 112 - Means of Appeals

112.1 General is deleted and in its place is amended to read as follows:

112.1 General. Whenever the Code Official shall disapprove an application, or refuse to grant permission or when it is claimed that the true intent and meaning of the Ordinance have been misconstrued or wrongly interpreted, the applicant or person affected may appeal the decision of the Code Official to the Chief of the Countryside Fire Protection District by written notice filed in the Countryside Fire Protection District Chief's office within ten (10) days from the date of the decision being appealed. The said Chief shall call a hearing on said appeal within sixty (60) days of said notice of appeal filing, and shall render a decision within (10) days after completing such hearings. Nothing herein shall restrict the Code Official from seeking immediate enforcement of the regulation of this Ordinance in Court where the hazard involved requires such action.

112.1.1 Court of jurisdiction

Add wording in this section and insert the following:

Any person aggrieved by a decision of the Board, may apply to the appropriate Court of Jurisdiction. Application for review shall be made to the proper court within fifteen (15) days after the filing of the Board's decision in the office of the Secretary of the Board.

SECTION 113 - VIOLATIONS

113.4 Violation penalties is deleted and in its place is amended to read as follows:

113.4 Violation penalties. Any person, firm, or corporation who shall violate any provision of this Code or shall fail to comply with any of the requirements thereof or shall erect, construct, alter or repair a building or structure in violation of an approved plan or directive from the Code Official, or of a permit or Certificate of Occupancy issued under the provisions of this Code, shall be guilty of a misdemeanor, punishable by a fine of not less than \$150.00 and not more than \$750.00, or by imprisonment not exceeding 180 days, or both such fine and imprisonment. Each day the violation continues after due notice has been served shall be deemed a separate offense.

SECTION 114 – STOP WORK ORDER

114.4 Failure to comply is deleted and in its place is amended to read as follows:

114.4 Failure to comply. Any *person* who shall continue any work after having been served with a stop work order, except such work as that *person* is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$150.00 dollars or more than \$750.00 dollars for each offense payable to the Countryside Fire Protection District.

CHAPTER 3 - GENERAL PRECAUTIONS AGAINST FIRE

SECTION 301 – GENERAL

301.3 Items not specifically covered

Add as an additional section:

Whenever or wherever a condition is found in any building, lot, or premises, that in the opinion of the Code Official is not specifically covered by the provisions of this Chapter, but that requires correction or removal for the protection of the occupants or the public, the Code Official shall order such conditions be corrected or removed and the owner or occupant of such buildings, lots, or premises shall comply with such orders.

SECTION 305 – IGNITION SOURCES

305.6 Fuel burning appliances located in garages

Add as additional section:

Any fuel burning appliance located in a garage area of any occupancy mounted less than six feet above the floor shall be enclosed with a one-hour fire rated enclosure with makeup air taken from the exterior, not the garage area.

Exception: Any fuel burning appliance that is American Gas Association certified, with a safe, sealed combustion chamber (no open flame) designed with an intermittent ignition device and make-up air taken from the exterior not the garage.

305.7 Portable Heaters

Add as additional section:

Portable heaters shall be designed and located so that they cannot be easily overturned, and heaters shall be designed to shut off if overturned. The Code Official may prohibit the use of portable heaters in occupancies or situations in which such use or operation would present an undue danger to the life or property of others.

305.8 Heating and lighting apparatus

Add as additional section:

Proper clearance (a minimum of 36 inches) shall be maintained between lighting and heat producing equipment and combustibles so that continuous operation at full capacity will not increase the temperature of the surrounding combustibles to their flash point or ignition temperature.

SECTION 307 – OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES

307.1.2 Prohibited open burning

Add as additional section:

Pursuant to Public Act 97-0488, (70 ILCS 705/8.20), and as authorized by the Board of Trustees (NOV 17, 2011), the Fire Chief or a designated officer, may prohibit open burning on an emergency basis if it is deemed a fire hazard due to weather or other conditions that create an unreasonable risk.

307.4.2 Recreational fires

Add as additional section:

Recreational fires shall not be constructed within 25 feet of a structure or combustible material. Conditions that could cause a fire to spread within 25 feet of a structure shall be eliminated prior to ignition.

307.4.3 Portable outdoor fireplaces is deleted and in its place is amended to read as follows:

307.4.3 Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 15 feet of a structure or combustible material.

307.4.3.1 Portable outdoor fireplaces

Add as additional section:

Portable outdoor fireplaces shall be used only on non-combustible surfaces. Fuel for an outdoor fireplace shall consist of only seasoned, dry firewood and shall be ignited with a small quantity of paper.

307.6 Spread of fire

Add as additional section:

No person shall knowingly permit any fire to spread so as to endanger the life or property of another or use or operate any device which may be a source of ignition, unless proper removal of flammable material surrounding the operation is accomplished, or such other reasonable precautions are taken to ensure against the starting or spreading of unfriendly fires.

SECTION 308 – OPEN FLAMES

308.1 – General

Add as additional section:

Open flame, fire and burning on all premises shall be in accordance with Sections 308.1.1 through 308.4.1 and with other applicable sections of this code.

SECTION 314 –INDOOR DISPLAYS

314.4 Indoor vehicles is deleted and in its place is amended to read as follows:

314.4 Indoor vehicles. Electric, liquid-fueled, or gaseous-fueled vehicles, aircraft, boats, or other motor craft shall not be located indoors except as follows:

1. The engine starting system is made inoperable or ignition batteries are disconnected except where the fire code official requires that the batteries remain connected to maintain safety features.
2. Fuel in fuel tanks does not exceed any of the following:
 - 2.1. Class I, II, and III liquid fuel does not exceed one-quarter tank or 5 gallons (19 L), whichever is less.
 - 2.2. LP gas does not exceed one-quarter tank or 6.6 gallons (25 L), whichever is less.
 - 2.3. CNG does not exceed one-quarter tank or 630 cubic feet (17.8 m³), whichever is less.
 - 2.4. Hydrogen does not exceed one-quarter tank or 2,000 cubic feet (57 m³), whichever is less.
3. Fuel tanks and fill openings are closed and sealed to prevent tampering.
4. Vehicles, aircraft, boats, or other motor craft equipment are not fueled or defueled within the building.
5. Electric vehicles shall not be charged inside buildings or other structures, other than where approved in parking garages, or unless otherwise approved by the fire code official.

SECTION 315 – MISCELLANEOOUS COMBUSTIBLE MATERIAL STORAGE

315.4 Outside storage is deleted and in its place is amended to read as follows:

315.4 Outside storage. Outside storage of combustible material shall not be located within 15 feet of a lot line or to any structure.

Exemptions are hereby deleted in its entirety.

Section 323 – ELECTRIC VEHICLES (EV)

Add new sections to read as follows:

323.1 Electric vehicle charging stations

Electric vehicle (EV) charging stations shall not be located inside buildings and/or structures, except where approved for parking garage locations as per the National Electrical Code.

323.1.1 Charging stations inside parking garage

EV charging stations located in parking garages shall be located at grade level along the exterior perimeter walls and shall be within 150 feet of fire apparatus access roadway, or shall be located on the top level of the garage with no roof or structure above.

323.1.2 Charging stations inside R-3 and R-4 occupancies

Approved charging stations in the private garage shall have a listed heat alarm installed in the garage and interconnected to the smoke alarms inside the dwelling.

323.2 Disconnect

Locations containing electric vehicle charging stations shall be provided with a clearly identified and readily accessible emergency disconnect installed in an approved location. The emergency disconnects for exterior electric vehicle charging stations shall be located within 100 feet (30 480 mm) of, but not less than 20 feet (6096 mm) from the charging stations, unless otherwise approved by the fire code official.

323.2.1 Height

The height of the emergency disconnect switch shall be not less than 42 inches (1067 mm) and not more than 48 inches (1219 mm) measured vertically, from the floor level to the activating button.

323.2.2 Emergency disconnect sign

Emergency disconnect devices shall be distinctly labeled as: “EMERGENCY ELECTRIC VEHICLE CHARGER DISCONNECT.” Signs shall be placed in an approved location and shall consist of all of the following:

1. White reflective background with red letters.
2. Weather-resistant durable material.
3. Lettering not less than 2 inches (51 mm) high.

4. Permanently affixed to the building or structure in an approved manner.

323.3 Damaged electric vehicle batteries

Damaged electric vehicle batteries shall not be stored inside any building or structure, unless otherwise approved by the Fire Code Official.

CHAPTER 5 - FIRE SERVICE FEATURES

SECTION 503 - FIRE APPARATUS ACCESS ROADS

Section 503.1.4 is deleted and in its place is amended to read as follows:

503.1.4 The location of the fire apparatus roads or fire lanes shall be reviewed and approved by the Countryside Fire Protection District.

Section 503.2.1 is deleted and in its place is amended to read as follows:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of 20 feet edge of pavement to edge of pavement and an unobstructed vertical clearance of not less than 15 feet.

Section 503.2.3 is deleted and in its place is amended to read as follows:

503.2.3 Surface. Fire apparatus access roads shall be designed to a structural index of IBR of 3.0 or greater and shall be either a concrete or asphalt. It shall be the responsibility of the property owner to maintain the surface in a usable condition at all times, including the removal of snow.

Section 503.2.7 is deleted and in its place is amended to read as follows:

503.2.7 Grade. Fire apparatus access roads shall be pitched in such a manner as to allow the runoff of water and eliminate the potential of standing water.

503.6.1 Security gates

Add as additional requirements to this section:

503.6.1 Where gates are used to control access to a subdivision or complex, emergency vehicle pre-emption (EVP) shall be required to be installed on all gate to allow for emergency vehicle access and shall be reviewed and approved by the Countryside Fire Protection District.

Section 506 – KEY BOXES

506.1 Where required is deleted and in its place is amended to read as follows:

506.1 Where required. A minimum of one key box is required to be installed at a location to be determined by the code official. Additional key boxes may be required.

506.1.1 Locks is deleted and in its place is amended and reads as follows:

506.1.1 Locks. The code official shall first approve any lock installed on gates or similar barriers.

Section 507 – FIRE PROTECTION WATER SUPPLIES

Add new sections to read as follows:

507.1.1 General

All water distribution facilities including piping, fittings, hydrants, valves, devices, well pumps, and other needful appurtenances shall be subject to approval of the Code Official and shall be installed according to the standards herein adopted. A water supply system shall be capable of supplying the hydrants prior to vertical construction of structures. It shall be unlawful to erect, alter, use or occupy any structure that has been deemed to have inadequate water supply.

507.1.2 Water supply demand changes

Area water supplies shall be studied whenever additional demands will be placed on the water supply by new construction, change in use, or changes in hazard or contents. Standard fire flow calculation methods will be used to make determinations. Upon determination by the Code Official that inadequate water supplies exist, the Code Official shall reject any applicable plans and provide the property owner, the water utility, and the Building Official with a memorandum listing said deficiencies.

507.1.3 Rural water supply requirements (Dry Hydrants)

In any subdivision/development, where an adequate water distribution system is not provided, the Code Official shall require the sub-divider, developer, builder and/or the owner to modify storm water control devices, so as to provide a pond within a maximum distance of 2,000 feet of all buildings within the development. It shall conform to the standard of NFPA 1142. The pond must be a minimum depth of five (5) feet and provide a minimum of 500,000 gallons of available water. (See Appendix B for additional rural water supply requirements).

507.3 Fire flow

Add as additional requirement to this section:

507.3.1 Minimum flow requirements

Each fire hydrant shall be provided with an adequate water supply so as to develop a minimum individual supply of not less than one thousand (1,000) gallons per minute (GPM) flow with not less than 20 pounds per square inch residual pressure for a municipal public water supply system. Non-public municipal water supply system the minimum fire flow shall be 500 hundred (500) gallons per minute (GPM) with not less than 20 pounds per square inch (psi).

507.5 Fire hydrant systems

507.5.1 Where required is deleted and in its place is amended and reads as follows:

507.5.1 Where required. The maximum hydrant spacing shall not exceed three hundred (300) feet from the furthest point of any building or structure as measured by an approved access route around the exterior of the facility or building unless otherwise approved by the Fire Chief. Where the configuration of lots, distances between buildings and lot lines or public utility easements, accessibility to buildings for fire suppression requirements dictate, the Fire Chief shall increase or decrease hydrant spacing and appropriate supply mains as deemed necessary.

507.5.1.2 General

Add the following section:

Additional fire hydrants shall be located within one hundred (100) feet of any Fire Department Connection (FDC). Hydrants shall not be installed on a water main less than six (6) inches in diameter. Dead end water mains shall not to exceed one hundred (100) feet of six (6) inch pipe and six hundred (600) feet of eight (8) inch pipe. It is recommended that a looped water main system with a minimum pipe diameter of eight (8) inches be required for each structure or group of structures.

507.5.7 Identification

Add as additional requirement to this section:

All fire hydrants public or private shall be marked with a number, hydrant flag and painted a color approved by the fire Code Official. At dry fire hydrants, provide signs with the wording "No Parking" with arrows and fire hydrant symbol.

507.5.8 Apartment and cluster type housing

Add as additional requirement to this section:

In areas where apartment buildings, town/row houses, condominium buildings, or other types of cluster-type housing are located, the area along the roadway within seven and one-half feet on either side of the fire hydrant shall be designated as "NO PARKING" and either the curb shall be painted yellow or "NO PARKING" signs shall be installed (or both).

507.5.9 Unauthorized use

Add as additional requirement to this section:

It shall be unlawful for any person to utilize any device such as a fire hydrant, drafting hydrant, dry hydrant, or other water supply appurtenances designed for fire suppression operations without the express permission of the Code Official.

Section 507.5.10 add as an additional section:

Any hydrant on private property rather than city owned property is considered a private hydrant. It is a valved connection to a water main to supply water to fire protection equipment during a fire emergency. A fire hydrant on private property is required by the International Fire Code when the distance between a structure and the nearest public fire hydrant is too far for emergency personnel to reach to extinguish a fire.

Section 507.5.11 add as an additional section:

A fire hydrant on private property is the responsibility of the property owner. It is the property owner's liability to comply with the private fire hydrant requirements including inspecting, testing, and maintaining the hydrant. Having a fire hydrant on private property ensures water supply is available in a fire emergency.

Section 507.5.12 add as an additional section:

Annual fire hydrant inspections are performed by licensed professionals who confirm the operability of a fire hydrant and verify their functionality. These inspections focus on ensuring the hydrant's operational readiness by checking for any visible damage, leaks, and ensuring that the hydrant can be opened and closed without any issue. Clearing debris and lubricating moving parts during these inspections further ensures that the fire hydrant is fully operational during an emergency.

Section 507.5.13 add as an additional section:

Per NFPA 25 you are required to inspect your private fire hydrants annually.

This routine maintenance is crucial for keeping the hydrant functional and compliant with fire safety standards. An annual fire hydrant inspection consists of;

1. Opened fully and water flowed until all foreign material has cleared
2. Flow shall be maintained for not less than 1 minute
3. Full drainage shall take no longer than 60 minutes
4. They shall be lubricated annually to ensure that all stems, caps, plugs, and threads are in proper operating condition
5. They shall be kept free of snow, ice and other materials to protect against damage at all times
6. Every 5 years the underground main piping shall be flow tested
7. Inspections must be done by licensed professionals, with reports submitted to the AHJ/appropriate Compliance Engine for the Countryside Fire Protection District.

Section 507.5.14 add as an additional section:

It shall be the responsibility of each owner of private property on which is installed one or more fire hydrants operated by the owner of the private property to repair any deficiency in the operation of the fire hydrant or the water system supplying the fire hydrant within thirty (30) days of the date of notice of the deficiency. The inspection shall be conducted only during the months of March, April, September or October of each year.

Section 507.5.15 add as an additional section:

Private hydrant verification and notification for inspection, testing and maintenance shall be verified with Lake County Public Works, Community Water Purveyors and Countryside Fire Protection District before any work can proceed.

Section 510.6.5 add as an additional requirement to this section:

The inspecting radio contractor shall provide an annual inspection tag/sticker on the ERCES' BDA and any remote annunciator. Tag/sticker shall identify approved inspecting contractor's name, physical address, phone number, and FCC license number, and inspector's name, as well as the date of inspection. System shall not be tagged until all inspection requirements of this section are conducted. Tag/sticker shall be blue in color for a passing system. If this is not possible for any reason, tag/sticker shall be red in color for a failing system with reasons for failure indicated on the tag if possible. If red tag/sticker is placed, AHJ/Fire Marshal shall be notified within a maximum of 24 hours.

CHAPTER 6 - BUILDING SERVICES AND SYSTEMS

SECTION 604 - ELEVATORS, OPERATION, MAINTENANCE and FIRE SERVICE KEYS

604.7.1 When required

Add as additional requirement to this section:

Provide elevator service for new multi-level buildings that exceed 1,000 square feet of floor area in accordance with State of Illinois Accessibility Code requirements for elevators.

Exception: One and two-family residences, unless covered elsewhere in this Code.

604.7.2 Elevator car requirements

Add as additional requirements to this section:

Elevator cars are to accommodate the ambulance stretcher. In the buildings two stories in height or more, all elevators shall be of such a size and arrangement to accommodate a 24-inch by 84-inch ambulance stretcher in the horizontal, open position and shall be identified by the international symbol for emergency medical services (Star of Life). The symbol shall not be less than 3 inches high and shall be placed inside on both sides of the hoist way doorframe.

In order to accommodate emergency response stretchers, elevators shall be at minimum 3500 lb, inside car dimensions of 80" X 65", side-slide door and top hand rail set at 36". It is important that the inside car have a side slide door and that the inside hand rail be set at the maximum allowable height from the floor of 36-inch under ADA standards.

SECTION 606 – COMMERCIAL KITCHEN HOODS

606.1 General

Add as additional requirements to this section:

Commercial kitchen exhaust hoods shall comply with the requirements of the International Mechanical Code.

606.1.1 Required kitchen hood fire suppression systems is deleted and in its place is amended and reads as follows:

606.1.1 Required kitchen hood fire suppression systems. All required commercial or other occupancy kitchen exhaust hood and duct system shall be protected with an approved wet chemical fire suppression system installed and maintained per NFPA 17A, and UL 300 Standard. Every required automatic fire suppression system, when activated shall transmit a fire alarm signal to the Fire District Approved Dispatch Center via an approved fire alarm system by the Fire Chief.

606.3.1.1 Maintenance

Add as additional requirements to this section:

Commercial kitchen exhaust systems shall be cleaned to remove deposits of residue and grease in the system at intervals specified in the cleaning schedule required to be submitted in accordance with NFPA 96 and the international mechanical code listed in Chapter 80. Thorough cleaning of ducts, hoods and fans shall require scraping, brushing or other positive cleaning methods.

606.3.1.2 Cleaning schedule

Add as additional requirements to this section:

Where a cleaning schedule is not on file, the Code Official shall require a schedule to be submitted, indicating the method of cleaning and the time intervals between cleanings.

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 – AUTOMATIC SPRINKLER SYSTEMS

903.2 Where required is deleted and in its place is amended and reads as follows:

903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in all use groups.

Exception:

1. Utility use buildings under 1,000 square feet.
2. Temporary Accessory Structure utilized during the development of property when approved by the code official.

903.2.1 through 903.2.10 Group A through Group S-2 are hereby deleted in their entirety, including subsections.

903.2.10.1 Commercial parking garages

Add below as additional requirements to this section:

903.2.10.2.1 All parking garages shall comply with high-density sprinkler design classification where the fire area contains a high hazard storage of lithium-ion or lithium metal powered vehicles and EV charging stations.

903.2.11.1 Stories without openings is deleted and in its place is amended to read as follows:

903.2.11.1 Stories and basements without openings. An automatic sprinkler system shall be installed throughout every story or basement of all buildings where the gross floor area of the building exceeds 1,000 square feet and where there is not provided at least one of the following types of exterior wall openings.

1. Openings below grade that lead directly to ground level by an exterior stairway complying with section 100.3.3 of an outside ramp complying with section 1003.4. Openings shall be located in each 50 linear feet, or fraction thereof, of exterior wall in the story on at least one side.
2. Openings entirely above the adjoining ground level totaling at least 20 square feet in each 50 linear feet, or fraction thereof, of exterior wall in the story on at least one side.

903.3.1.1.1 is hereby deleted in its entirety.

903.6 is deleted and in its place is amended to read as follows:

903.6 Existing buildings. If the alteration or restoration costs 50 percent or more of the reproduction cost of the building or structure, the entire building or structure shall comply with the requirements of new construction as defined in this code.

For the purpose of calculating percentages of reproduction cost, the cost of alteration shall be construed as the total actual combined cost of all alterations made within any period of 30 months.

903.7 Hydraulic calculations is created and is amended to read as follows:

903.7 Hydraulic calculations. Provide a minimum 10% or minimum 5 PSI safety factor in the fire protection system hydraulic calculation. The system demand shall be a minimum 5 PSI below the seasonal low water flow test supply. By each hydraulic calculated area, on each drawing, provide a copy of the hydraulic nameplate.

903.8 Fire hose valves is created and is amended to read as follows:

903.8 Fire hose valves. Warehouse and/or storage fire areas. In all warehouse storage areas exceeding 50,000 square feet, and where storage exceeds 12 feet in height, provide (Inside) 2-1/2" fire hose valves with 1-1/2" reducer to a 1-1/2" connection. Locate the valves at each door entrance to the warehouse and/or storage area. Provide additional 2-1/2" fire hose valves so

that no portion of the warehouse and/or storage is more than 120' maximum travel distance to a fire hose valve. Show location of all obstructions and/or racks on the drawings.

Fire hose valves system piping shall be:

1. A separate riser piping system
2. The 2-1/2" valves shall be supplied by a minimum 4" piping with 2-1/2" drops to each valve.
3. Where system pressures exceed 100 PSI, provide Potter manufacturer reduced pressure field adjustable type valves.

903.9 Large warehouse system check valves is created and is amended to read as follows:

903.9 Large warehouse system check valves. Provide a check valve for each sprinkler riser on large warehouse systems.

SECTION 904 – ALTERNATIVE AUTOMATIC FIRE -EXTINGUISHING SYSTEMS

904.11.2.3 Floor control valves is deleted and in its place is amended to read as follows:

904.11.2.3 Floor control valves. Approved supervised indicating control valves with water flow switches shall be installed in the following:

1. New buildings and structures two or more stories above or below grade. Provide at the point of connection to the riser on each floor.

New single-story buildings with two or more tenants. Provide in each tenant space or area at the point of connection to the riser. Provide a weatherproof strobe at an approved location by the fire district on the building for each tenant space.

SECTION 905 – STANDPIPE SYSTEMS

905.3.1 Building height is deleted and in its place is amended to read as follows:

905.3.1 Building height. Class III standpipe systems shall be installed throughout all building or structures more than two stories in height.

Exceptions:

1. Class I standpipes are allowed in buildings equipped with an automatic sprinkler system in accordance with section 903.1 or 903.1.1.
2. Class I manual standpipes are allowed in open parking garages where the highest floor is located not more than 150 feet (45,720 mm) above the lowest level of fire department vehicle access.

3. Class I manual dry standpipes are allowed in open parking garages that are subject to freezing temperatures.
4. Class I standpipes are allowed in basements equipped throughout with an automatic sprinkler system.

905.13 Piping design is created and amended to read as follows:

905.13 Piping design. The riser piping, supply piping and the water service piping shall be sized to maintain a residual pressure of at least 65 psi (448 kPa) at the top most outlet of each riser while the minimum quantities of water is flowing. The pipe size shall be based on the capacity of the automatic water supply system or, whereas automatic water supply is neither required nor provided to maintain the residual pressure of 65 psi (448 kPa), the pipe size shall be based on a pressure of 150 psi (1,034 kPa) available at the fire department connection.

Exception:

The residual pressure of 65 psi (448 kPa) is not required in buildings equipped throughout with an automatic sprinkler system in accordance with section 903.3 and where the highest floor level is not more than 150 feet (45,720 mm) above the lowest level of fire department vehicle access.

905.13.1 Riser sizing is created and amended to read as follows:

905.13.1 Riser sizing. The riser size shall be based on the hydraulic calculations for a minimum flow of 500 gallons per minute (gpm) (1,892L/min.).

Exceptions:

1. Where only 1½-inch valves are provided, the riser(s) shall be sized to provide a minimum flow of 100 gpm (378 L/min.).
2. In buildings where limited area sprinkler systems are supplied with water from a common standpipe riser, the riser shall be sized to satisfy total demand.
3. For occupancies use group B, I, R1, or R2 in buildings that equipped throughout with an automatic sprinkler system in accordance with section 903.3, each riser shall be sized for a minimum flow of 250 gpm (945 L/min.).
4. Risers that are sized in accordance with the pipe schedule requirements of NFPA 14 listed in chapter 35 are not subject to this requirement.

905.13.2 System pipe sizing is created and amended to read as follows:

905.13.2 System pipe sizing. The system piping, including the horizontal or common feeder lines, shall be sized for a minimum flow of 500 gpm (1,892 L/min.). Where more than one standpipe riser is required or provided, all common system piping shall be sized for a minimum

flow of 500 gpm (1892 L/min.) for the first riser plus 250 gpm (945 L/min.) for each additional riser, and the total shall not be required to exceed 1,250 gpm (4,731 L/min.).

Exceptions:

1. Where only 1½-inch valves are provided, the supply piping shall be sized for a minimum flow of 100 gpm (378 L/min.) for each riser, and the total shall not be required to exceed 500 gpm (1,892 L/min.).
2. In buildings where limited area sprinkler systems are supplied with water from a common
3. standpipe riser, the supply piping shall be sized for a minimum flow of 500 gpm (1892 L/min.)
4. plus the sprinkler demand for first riser, plus 250 gpm (945 L/min.) for each additional riser, and the total shall be required to exceed 1,250 gpm (4,731 L/min.).
5. For occupancies in use group B, I, R-1, or R-2 in buildings that are equipped throughout with an automatic sprinkler system in accordance with section 903.3, all common supply piping shall be sized for a minimum flow of 250 gpm (945 L/min.) for the first riser plus 250 gpm (945 L/min.) for each additional riser, and the total shall not be required to exceed 750 gpm (2,838 L/min.).

SECTION 907 – FIRE ALARM AND DETECTION SYSTEMS

907.1.3 Equipment is deleted and in its place is amended to read as follows:

907.1.3 Equipment. Systems and components shall be listed and approved for the purpose for which they are installed. New fire alarm control panels shall be addressable unless otherwise approved by the code official.

907.2 Where required new and existing buildings and structures is deleted and in its place is amended to read as follows:

907.2 Where required new and existing buildings and structures. An approved manual, automatic, or manual and automatic fire alarm system shall be provided in new or existing buildings and structures in accordance with sections 907.2.1 through 907.2.23. Where automatic sprinkler protection installed in accordance with section 903.3.1.1 is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required. Devices, combinations of devices, appliances and equipment shall comply with section 907.1.2 the automatic fire detectors shall be smoke detectors, except that an approved alternative type of detector shall be installed in spaces such as boiler rooms where, during normal operation, products of combustion are present in sufficient quantity to actuate a smoke detector. If the alteration costs 50 percent or more of the reproduction cost of the building or structure, the entire building or structure shall comply with the requirements of new construction as defined in this code. For the purpose of calculating percentages of

reproduction cost, the cost of alteration shall be construed as the total actual combined cost of all alterations made within any period of 30 months.

907.2.1 Group A is amended to read as follows:

907.2.1 Group A. A manual fire alarm system shall be installed in accordance with NFPA 72 in use Group A occupancies.

907.2.2 Group B is amended to read as follows:

907.2.2 Group B. A manual fire alarm system shall be installed in accordance with NFPA 72 in group B occupancies.

907.2.4 Group F is amended to read as follows:

907.2.4 Group F. A manual fire alarm system shall be installed in accordance with NFPA 72 in group F occupancies.

907.2.6 Group I is amended to read as follows:

907.2.6 Group I. A manual fire alarm fire system and an automatic fire detection system shall be installed in group I occupancies. An electrically supervised, automatic smoke detection system shall be provided in waiting areas that are open to corridors.

907.2.6.3 Group I-3 is amended to read as follows:

907.2.6.3 Group I-3 occupancies. All required fire protective signaling systems shall transmit alarm, supervisory and trouble signals to the main dispatch center for the fire district in accordance with NFPA 72 by one of the methods listed in 907.15 of this code.

Exceptions:

1. Smoke detectors in buildings of groups R-3 and R-4.
2. Single-station smoke detectors as required by 907.2.9.
3. Smoke detectors in building group I-3.
4. Smoke detectors in patient sleeping areas of group I-3.

907.2.7 Group M is amended to read as follows:

907.2.7 Groups M. A manual fire alarm system shall be installed in accordance with NFPA 72 in group M occupancies.

907.2.9 Group R-2 is amended to read as follows:

907.2.9 Group R-2. A manual and an automatic fire detection system shall be installed and maintained in common areas in all occupancies in use group R-2 such as corridors, hallways, stairwell, boiler or furnace rooms, laundry rooms, community rooms, meeting rooms, offices, attics and all other similar common areas within buildings. The automatic fire detection system must include occupant notification.

907.2.10 Group S is amended to read as follows

907.2.10 Groups S. A manual fire alarm system shall be installed in accordance with NFPA 72 in group S occupancies.

907.2.11.6 Power source is amended to read as follows:

907.2.11.6 Power source. In new construction, required smoke alarms shall receive there [their] primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for over-current protection.

Exceptions:

1. Smoke alarms are not required to be equipped with battery backup in group R-1 where they are connected to an emergency electrical system.
2. Group R-3 smoke alarms are to be 120-volt with a battery backup.

907.2.11.6.1 Power source is created and is amended to read as follows:

907.2.11.6.1 Power source. In existing buildings or structures, required smoke alarms shall receive there [their] primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for over-current protection. If the alteration costs 50 percent or more of the reproduction cost of the building or structure, the entire building or structure shall comply with the requirements of new construction as defined in this code. For the purpose of calculating percentages of reproduction cost, the cost of alteration shall be construed as the total actual combined cost of all alterations made within any period of 30 months.

Exceptions:

1. Smoke alarms are not required to be equipped with battery backup in group R-1 where they are connected to an emergency electrical system.
2. Group R-3 smoke alarms are to be 120-volt with a battery backup.

907.3.1 Duct smoke detectors is deleted and in its place is amended to read as follows:

907.3.1 Duct smoke detectors. Smoke detectors installed in ducts shall be listed for the air velocity, temperature and humidity present in the duct. Installation shall be in accordance with the manufacturer's instructions and shall be located within the building space in ambient conditions consistent with the listing of the duct detector. Activation of a smoke duct detector shall initiate an approved signal as per the requirements of the Countryside Fire Protection District and Lincolnshire Riverwoods Fire Protection District at a constantly attended location and shall perform the intended fire safety function in accordance with this code and the International Mechanical Code. Duct smoke detectors shall receive their power directly from an initiating device circuit or signal line circuit from the building fire alarm control unit. Duct smoke detectors shall be provided with remote alarm indicators located as directed by the code official. Duct smoke detectors shall not be used as a substitute for required open area detection.

907.4.2 Manual fire alarm boxes is deleted and in its place is amended to read as follows:

907.4.2 Manual fire alarm boxes. Manual fire alarm boxes shall be installed in each use group described in this code; they shall be installed in accordance with sections 907.4.2.1 through 907.4.2.6.

907.6.6 is deleted and in its place is amended to read as follows:

907.6.6 Monitoring. All required fire protective signaling systems shall transmit alarm, supervisory, and trouble signals to the main dispatch center and shall be made with a two-way transmission installed at each location. All required fire protective signaling systems shall transmit alarm and trouble signals directly to the Fire District Approved Dispatch Center in accordance with NFPA 72.

Exceptions:

1. Smoke detectors in buildings of use groups R-3 and R-4 not including common areas and attics.
2. Single-station and multiple smoke detectors as required by section 907.2.11.
3. Smoke detectors in buildings of use group I-3 occupancies.
4. Smoke detectors in patient sleeping rooms in buildings of use group I-3.

907.8.1 Maintenance required.

907.8.1.1 add below as additional requirements to this section:

It shall be the responsibility of the tenant to test and provide general maintenance for the smoke detectors within the tenant's dwelling unit and to notify the owner or an authorized agent of the owner, in writing, of any deficiencies, which the tenant cannot correct. The owner shall be responsible for providing the tenant with written information regarding smoke detector testing and maintenance.

907.8.1.2 add below as additional requirements to this section:

907.8.1.2 Battery replacement. The tenant shall be responsible for replacement of any required batteries in the smoke detectors in the tenant's dwelling unit, except that the owner shall ensure that such batteries are in operating condition at the time the tenant takes possession of the dwelling unit. The tenant shall provide the owner or the authorized agent of the owner with access to the dwelling unit to correct any deficiencies in the smoke detector(s), which have been reported in writing to the owner or authorized agent of the owner.

Section 907. 9 Where required in existing buildings and structures.

Add below as additional requirements to this section:

Section 907.9.1

1. When interior alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be provided with smoke alarms located as required for new dwellings; the smoke alarms shall be interconnected and hard-wired.
2. A smoke detector shall be installed within each laundry room, boiler, electrical and other service room, and each tenant and building maintenance storage room. The Code Official is authorized to require an approved alternative type of detector be installed where, during normal operation, products or combustion or other conditions are present in sufficient quantity to actuate a smoke detector.

Exceptions:

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

Section 907.9.2 Heat detection device

Add below as additional requirements to this section:

Where environmental conditions would cause nuisance activation of smoke detectors, the Code Official is authorized to require heat detectors or combination heat and smoke detectors. Such devices shall be listed and installed in accordance with NFPA 72.

Section 907.9.3 Mounting of detectors

Add below as additional requirements to this section:

All smoke detectors shall be mounted on the ceiling at least six (6)" from the wall, or on the wall six (6) to twelve (12)" from the ceiling, except that all smoke detectors in interior common stairwells shall be on the uppermost ceiling.

907.11 False fire alarm service charge.

Add below as additional requirements to this section:

False fire alarm: Any alarm signal which indicates the existence of an emergency situation, when in fact no such emergency exists, and shall include any alarm signal generated by any fire protection system by whatever means, but shall not include alarms from the following causes:

1. Fire which causes structural damage to the protected premises.
2. Earthquake causing structural damage to the protected premises.
3. Tornado winds causing structural damage to the protected premises.
4. Flooding to the protected premises due to overflow of natural drainage.
5. Lightning causing physical damage to the protected premises.
6. Telephone line malfunction verified in writing by an authorized telephone company supervisor within seven calendar days of the occurrence.
7. Electrical service interruption verified in writing by an authorized local power company supervisor within seven calendar days of the occurrence.

907.11.1 False fire alarm service charge.

For false fire alarms, an alarm user shall be charged a service charge of \$100.00 for each false alarm in excess of three (3) in any calendar year. All false fire alarm service charges shall be remitted to the Countryside Fire Protection District by the alarm user upon receipt of the statement for such service charge.

907.11.2 Newly installed fire alarm allowance.

Special consideration will be given to fire alarm users should false fire alarms occur during the first three months after the user's alarm service was commenced.

907.11.3 Local government allowance.

Units of local government such as schools and park districts may receive special consideration for alarms caused by circumstances unintentional in nature.

907.11.4 Liability

1. Any defects in the operation of an alarm system.

2. Any failure or neglect to respond appropriately upon receipt of an alarm.
3. Any failure or neglect of any person in connection with the installation, operation, or maintenance of any alarm system.
4. The transmission of alarm signals, prerecorded alarm messages, or the relaying of such signals and messages.

907.11.5 Intentional false alarms

No person shall intentionally turn in a fire alarm when, in fact, such person knows that no fire exists. No person shall activate any fire alarm system or any fire suppression system for purposes other than emergency, maintenance, or prescribed testing.

907.11.6 Penalties

Any person who violates any of the regulations, codes and standards shall be subject to a fine of not more than \$500.00 for each violation. Such fines shall be in addition to any other fee or charge authorized pursuant to the terms of the ordinance codified in this chapter.

SECTION 912 – FIRE DEPARTMENT CONNECTIONS

912.8 Fire department connections

Add below as additional requirements to this section:

All fire department connections shall be a 2 ½” X 2 ½” Siamese NST connection.

CHAPTER 10 – MEANS OF EGRESS ILLUMINATION

Section 1008.1 Means of egress illumination.

Illuminations shall be provided in the means of egress in accordance with section 1008.2. In the event of power supply failure, means of egress illumination shall comply with Section 1008.2.4

CHAPTER 56 - EXPLOSIVES AND FIREWORKS

Section 5602 – DEFINITIONS

5602.2

Add the following:

The following words and terms shall, for the purpose of this Chapter and as stated elsewhere in this Code, have the meanings shown herein.

Fireworks: The term "fireworks" shall mean and include any explosive composition, or any substance or combination of substances, or article prepared for the purpose of producing a visible or audible effect of a temporary exhibition nature by explosion, combustion, deflagration or detonation, and shall include blank cartridges, toy cannons, in which explosives are used, the type of balloons which require fire underneath to propel the same, firecrackers, torpedoes, sky-rockets, Roman candles, bombs, or other fireworks of like construction and any fireworks containing any explosive compound, or any tablets or other device containing any explosive substance, or containing combustible substances producing visual effects, provided, however, that the term "fireworks" shall not include trick noise makers known as "party poppers", "booby traps", and "snappers"; toy pistols, toy canes, toy guns, or other devices in which paper or plastic caps containing twenty-five hundredths of grains or less of explosive compound are used, providing they are so constructed that the hand cannot come in contact with the cap when in place for the explosion; and toy pistol paper or plastic caps which contain less than twenty hundredths grains of explosive mixture.

Note: Devices such as sparklers, snake or glow worm pellets, trick matches, etc. that require an open flame, such as a match or lighter, to ignite are not permitted.

Section 5604 – EXPLOSIVE MATERIALS STORAGE AND HANDLING

Delete sections 5604.1 through 5604.7 is deleted and in its place is amended to read as follows:

The storage of explosive materials is prohibited within the Countryside Fire Protection District.

SECTION 5605 - MANUFACTURE, ASSEMBLY AND TESTING OF EXPLOSIVES, EXPLOSIVE MATERIALS AND FIREWORKS.

5605.1 GENERAL is deleted and in its place is amended to read as follows:

5605.1 General. The manufacturing, assembly and testing of explosives, ammunition, blasting agents and fireworks is prohibited in the Countryside Fire Protection District.

Section 5608 – FIREWORKS DISPLAY

5608.2 – Permit application is deleted and in its place is amended to read as follows:

5608.2 Permit application. A permit shall be required for the possession, display or discharge of fireworks or pyrotechnical displays. The permit application shall include the applicant's name, address, and age; the date and place of the proposed discharge of fireworks or pyrotechnical display; the nature and quantities of fireworks to be discharged or displayed; and the applicant's experience, if any, in discharge of fireworks or pyrotechnical displays. Also included shall be plans for the display, inspections of the display site, and demonstrations of the display operation. Such permit shall be applied for a minimum of thirty (30) days prior to the proposed date of display.

Upon receipt of the application, the Code Official, or designee, shall inspect the location of the proposed discharge of fireworks or pyrotechnical display. If, in the judgment of the Code Official, or designee it would not be hazardous to any property or persons to allow such discharge of fireworks or pyrotechnical displays, given the resources of the Fire Department available for the requested date, the Code Official shall approve the application and issue a permit for the discharge of fireworks or pyrotechnical display. Fees in accordance with Section 108 shall apply.

A representative of the Countryside Fire Protection District shall standby on site from the time fireworks product arrives on site through the post display final safety check. In addition, a fire engine with a crew of two (2) firefighters will be required for standby at the display. Standby personnel shall be reimbursed at a rate of \$75.00 per hour. The fire engine standby personnel will be reimbursed a minimum of two (2) hours. Payment is due at the time the permit is issued.

A permit granted hereunder shall not be transferable, nor shall any such permit be extended beyond the dates set out therein.

SECTION 5610 – FIREWORKS VIOLATIONS

Section 5610.1 General

Add below as additional requirements to this section:

A person shall not possess, manufacture, store, offer or expose for sale, sell at retail or discharge any fireworks within the Countryside Fire Protection District.

Exception:

1. Where approved for the supervised display of fireworks in accordance with Section 5608 of this Code.

Section 5610.2 Bond for Display

The permit holder shall furnish a bond in an amount approved by the code official for the payment of all potential damage caused either to the person or property due to the permitted display, and arising from any acts of the permit holder or agent of the permit holder. In lieu of a bond, the permit holder may provide a certificate of insurance, in an amount acceptable to the Code Official as an additional insured and execute an agreement holding the Countryside Fire Protection District harmless from any damage to persons or property caused by the permitted display.

Section 5610.3 Fines for violations

Any person, firm, partnership, association or corporation found violating any of the provisions of this chapter shall be fined not less than one hundred and fifty dollars (\$150.00), but not more than seven hundred and fifty dollars (\$750.00). All fines shall be paid to the Countryside Fire Protection District.

CHAPTER 80 REFERENCED STANDARDS

Delete International Plumbing Code and insert the Illinois State Plumbing Code

This change affects all references to the International Plumbing Code in the entire code.

NFPA

Change or add the standards with the edition listed.

NFPA 10 - 2022	NFPA 11 – 2021	NFPA 12 – 2022	NFPA 12A – 2022
NFPA 13 – 2022	NFPA 13D – 2022	NFPA 13R – 2022	NFPA 14 – 2022
NFPA 15 – 2022	NFPA 17 – 2021	NFPA 17A – 2021	NFPA 20 – 2022
NFPA 22 – 2023	NFPA 24 – 2022	NFPA 25 – 2023	NFPA 30 – 2024
NFPA 30A – 2024	NFPA 30B – 2023	NFPA 32 – 2021	NFPA 33 – 2021
NFPA 34 – 2021	NFPA 35 – 2021	NFPA 40 – 2022	NFPA 45 – 2023
NFPA 51 – 2023	NFPA 52-- 2022	NFPA 55 -- 2023	NFPA 56 --2023
NFPA 58 – 2023	NFPA 59A --2022	NFPA 61 – 2020	NFPA 68 --2023
NFPA 70 – 2023	NFPA 72 – 2022	NFPA 76 --2020	NFPA 77 –2024
NFPA 80 – 2022	NFPA 85 – 2023	NFPA 86 –2023	NFPA 92 --2021
NFPA 96 – 2024	NFPA 99 – 2024	NFPA 101 – 2024	NFPA 105 --2022
NFPA 110 – 2022	NFPA 111 – 2022	NFPA 120 – 2020	NFPA 160 --2021
NFPA 170 --2021	NFPA 204 – 2021	NFPA 232 – 2022	NFPA 241 --2022
NFPA 253 – 2023	NFPA 260 –2023	NFPA 261 --2023	NFPA 265–2023
NFPA 286 –2023	NFPA 289 –2023	NFPA 303 –2021	NFPA 318 –2022
NFPA 326 –2020	NFPA 385 –2022	NFPA 400 –2022	NFPA 407 --2022
NFPA 409 – 2022	NFPA 410 –2020	NFPA 484 --2022	NFPA 495 – 2023
NFPA 498 –2023	NFPA 505 –2023	NFPA 652 --2021	NFPA 654 – 2020
NFPA 655 – 2019	NFPA 664 – 2023	NFPA 701 – 2023	NFPA 703 –2024
NFPA 750 – 2023	NFPA 770 – 2021	NFPA 780 –2023	NFPA 853 --2020

NFPA 855 --2020 NFPA 914 --2023 NFPA 1122 -- 2018 NFPA 1123 --2022
NFPA 1124 -- 2022 NFPA 1125 -- 2022 NFPA 1126 -- 2021 NFPA 1127 --2018
NFPA 1142 --2022 NFPA 1225 --2022 NFPA 2001 --2022 NFPA 2010 --2020

APPENDIX B FIRE-FLOW REQUIREMENTS FOR BUILDINGS

SECTION B103 MODIFICATIONS

Add below as additional requirements to this section:

B103.4 Dry hydrants

In any subdivision / development, where a water distribution system is not provided, the Countryside Fire Protection District may require the owner to modify storm water control devices, so as to provide a pond with a minimum depth of five (5) feet and to install a dry hydrant that conforms to the standard of NFPA 1142 and with the approval of the Code Official with a suction pipe from the middle of the pond. The dry hydrant shall be installed on the right of way of a street proposed to be installed within the subdivision/development and shall meet the standards established by the Countryside Fire Protection District. Where a pond is not practical, a tank system with adequate water storage capacity may be required. It shall be unlawful to erect any structure in any subdivision / development prior to completion of any required water supply equipment as required by this Ordinance.

B-103.4.1 Where the configuration of lots, distance between buildings and lot lines or public utility easements, accessibility to building or fire suppression requirements dictate, the Code Official shall require additional hydrants as deemed necessary.

B-103.4.2: The total gallons per minute, which dry hydrants shall be required to produce, shall be determined by the structure being served by the hydrant. In no case shall the hydrant produce less than 1,000 gallons per minute.

B-103.4.3: The precise location of and specifications for dry hydrant(s) shall be subject to the review and approval by the Code Official prior to the installation of the system.

B-103.4.4: The dry hydrant plan submitted for review may be subject to review by an outside engineer or code consultant. The applicant shall be responsible for all associated costs.

B-103.4.5: It shall be unlawful for any person to utilize any device such as drafting pits, dry hydrants or other water supply appurtenances designed for firefighting operations without the express permission of the Countryside Fire Protection District.

B-103.4.6: All dry hydrants shall be maintained free from obstructions. The access to any area surrounding the dry hydrant shall be properly cleared of obstacles, which may hide or impede the use of the dry hydrant. Furthermore, the hydrant shall be maintained in working order at all times, capable of delivering the minimum required flow. Responsibility of maintaining,

repairing, replacing and / or dredging all hydrants within a subdivision shall be the responsibility of the appropriate homeowner's association. In the absence of a homeowner's association, each dry hydrant will be addressed on an individual basis.

B-103.4.7: The Countryside Fire Protection District may require the property owner or his agent to install "No Parking – Fire Hydrant", or other signs as needed.