

ORDINANCE NO. 2018-01

ADOPTING FIRE PREVENTION REGULATIONS
FOR THE PURPOSE OF
GOVERNING CONDITIONS HAZARDOUS TO LIFE
AND PROPERTY FROM FIRE OR EXPLOSION, AND
ESTABLISHING A BUREAU OF FIRE PREVENTION

BE IT ORDAINED BY THE BOARD OF TRUSTEES OF THE NORTH
AURORA & COUNTRY SIDE FIRE PROTECTION DISTRICT OF KANE
COUNTY, ILLINOIS, AS FOLLOWS:

ARTICLE 1. ADOPTION OF FIRE PREVENTION REGULATIONS

For the purpose of governing conditions hazardous to life and property from fire or explosion there is hereby adopted by the Board of Trustees of the North Aurora & Countryside Fire Protection District of Kane County, Illinois and incorporated herein by this reference as fully as if set out at length herein (a) that a certain code known as the International fire code, 2015 edition and the whole thereof, (b) that certain code known as the "NATIONAL FIRE CODES" Code Numbers 10, 11, 11A, 12, 12A, 13, 13D, 13R, 14, 15, 16, 17, 17A, 18, 20, 22, 24, 25, 30, 30A, 30B, 31, 32, 33, 34, 35, 36, 37, 40, 42, 45, 50, 50A, 50B, 51, 51A, 51B, 52, 53, 55, 57, 58, 59, 59A, 61, 68, 69, 70, 70B, 70E, 72, 75, 76, 77, 80, 80A, 82, 85, 86, 88A, 90A, 90B, 91, 92A, 92B, 96, 97, 99, 99B, 101, 102, 105, 110, 111, 115, 122, 130, 140, 160, 170, 203, 204, 211, 214, 220, 221, 230, 232, 241, 286, 291, 318, 326, 385, 418, 430, 432, 434, 484, 490, 495, 496, 497, 498, 499, 501, 501A, 502, 520, 560, 610, 654, 704, 720, 750, 780, 801, 804, 805, 820, 850, 851, 853, 909, 914, 1122, 1123, 1124, 1125, 1126, 1127, 1141, 1142, 1144, 1192, & 1194, as amended and updated by the National Fire Protection Association, (c) that a certain code known as International Building Code, as adopted and amended by the Village of North Aurora and the whole thereof, and (d) the Illinois Accessibility Code (e) and NFPA 101 Life Safety Code as updated by the OSFM. The provisions of the aforesaid codes have been clarified in this Ordinance. These clarified paragraphs, together with this Ordinance, shall be fire prevention regulations within the corporate limits of the North Aurora & Countryside Fire Protection District from the date on which this Ordinance shall take effect. Copies of the aforesaid codes have been filed for more than 15 days prior to the adoption of this Ordinance in the office of the Secretary of the Board of Trustees of the North Aurora & Countryside Fire Protection District, at 2 N. Monroe, North Aurora, Illinois, where same shall remain on file and shall continue to be on file and available for use and reference in said office by any interested person. If there is any conflict between the language of this Ordinance and the language of the aforesaid codes, the language of this Ordinance shall prevail over the language of the aforesaid codes, and if the language of the aforesaid codes conflict, the language which provides the most protection shall prevail.

**ARTICLE 2. ESTABLISHMENT OF A BUREAU OF FIRE
PREVENTION**

A Bureau of Fire Prevention is hereby established for the purpose of enforcing this Ordinance. The Chief of the North Aurora and Countryside Fire Protection District shall be by reason of said position the code Official of the Bureau of Fire Prevention and may appoint personnel of the North Aurora & Countryside Fire Protection District to assist in enforcing this Ordinance.

ARTICLE 3. DEFINITIONS

Wherever the word "Municipality" is used in the code or codes adopted herein by reference, it shall be held to mean the North Aurora & Countryside Fire Protection District. Wherever the term "Corporate Counsel" is used in the code or codes adopted herein by reference it shall be held to mean the Attorney for the North Aurora & Countryside Fire Protection District. Wherever the terms "authority having jurisdiction," "Chief of the Fire Department" or "Fire Department" are used such terms shall be held to mean the Chief of the North Aurora & Countryside Fire Protection District.

Code Official-The officer or other designated authority charged with the Administration and enforcement of this code, or a duly authorized representative

**ARTICLE 4 AMMENDMENTS TO THE 2015 INTERNATIONAL FIRE
CODE**

CHAPTER 1-ADMINISTRATION

SECTION 101-GENERAL

101.1 Title

Delete this section and insert the following:

These regulations shall be known as the Fire Code of the North Aurora & Countryside Fire Protection District, hereinafter referred to as “this Code”.

SECTION 104-GENERAL AUTHORITY AND RESPONSIBILITIES

104.8 Modifications

Delete this section and insert the following:

The Chief of the North Aurora & Countryside Fire Protection District may grant a variance regarding any of the provisions of this Code upon application in writing by the owner or lessee of the building or structure, or their duly authorized agent, where there are practical difficulties in the way of carrying out the strict letter of this Code, provided that the spirit of the Ordinance codified in this chapter shall be observed, public safety secured, and substantial justice done. If the Fire Chief decides to grant a variance, he may place conditions thereon. The decision of the Fire Chief in either granting or denying the variance shall be in writing and entered in the records of the North Aurora & Countryside Fire Protection District. A signed copy of the Fire Chief’s decision shall be furnished to the applicant.

SECTION 105-PERMITS

105.8 Operational Permit Fees

Add as an additional section:

A \$75 permit fee is established for any operational permit for sections 105.6 – 105.7.18. In addition to those listed, the following types of permits shall be included:

Air-supported structures, temporary
Calcium carbide storage
Fireworks (pyrotechnic display-per job)
Marine service and repair garages

Oil and gas production
Ovens and furnaces, industrial type processes
Pesticides, storage and handling
Radioactive materials
Unstable (reactive) chemicals, storage and handling
Water material handling facilities
Water-reactive materials, storage and handling

**105.9 The right of site development and construction plan review
Add as an additional section:**

Each applicant for a building permit involving new construction, additions and/or alterations, subdivision improvements, Planned Unit Developments (P.U.D.'s), fire detection/suppression systems or any other item that will affect the North Aurora & Countryside Fire Protection District operation, shall submit to the Code Official for review and approval, two (2) sets of all required plans, documents and a complete description of work to be performed. Only site development and sprinkler system plan documents will be required for all single family residences. The Code Official shall, 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 Building Official. If said plans are found to be unsatisfactory, then said plans shall be returned to the applicant with a memorandum listing the specified deficiencies found. A copy of the list of deficiencies shall be delivered to the Building Official with a recommendation to reject said plans until corrected.

105.9.1 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 North Aurora & 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 two (2) inspections for each category.

Reviews by outside agency / consultant –Includes re-reviews, one (1) inspection and one (1) reinspection
Cost of the review + 15% for administration fee

Building review for new construction – Includes one (1) re-review, one (1) inspection and one (1) reinspection
\$.05 per sq. ft. for first 10,000 sq. ft. Minimum of \$100
\$.025 per sq. ft. for next 40,000 sq.ft.
\$.015 per sq.ft. for additional sq. ft. over 50,0000 sq. ft.
Cost for a 3rd review or above is 50% of original review for each additional review.

Sprinkler review – Includes one (1) re-review, one (1) hydrostatic test and one (1) acceptance test

\$150 for systems with 10 heads or less

All systems over 10 heads will be sent to an outside agency for review.

All new construction will be sent to an outside agency for review.

Fire Pumps

\$50 per hour to witness test. 1 hour minimum

\$150 fire pump and related equipment review

Stand pipe system review – Includes one (1) re-review one (1) hydrostatic test and one (1) acceptance test

\$100 for the system

\$50 for each additional standpipe riser

Alternate extinguishing systems review – Includes one (1) re-review and one (1) inspection

\$100 for foam, dry chemical, etc.

\$100 for carbon dioxide systems up to 35 lbs. and \$1 for each lb. Over 35 lbs.

\$50 to witness test if occupant doesn't keep 6 month inspection tag current

Fire alarm system review – Includes one (1) re-review and one (1) inspection

\$150 per alarm system

\$50 per hour for reviews longer than one hour

Cost for a 3rd review or above is 50% of original review for each additional review

Reinspections

\$50 per hour

Storage tanks (above and below ground)

\$50 per tank for above or below ground installation

\$50 per tank for underground tank removal

Inspection to receive certificate of occupancy

\$50 per hour. 1 hour minimum

Special permits or services

\$50 per hour during normal business hours. 1 hour minimum.

\$100 per hour after normal business hours and/or holidays. 1 hour minimum. By appointment only.

Alterations to building, fire suppression, or fire alarm systems – includes one (1) inspection

\$50 per hour for reviews. 1 hour minimum.

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

SECTION 108 – BOARD OF APPEALS

108.1 Board of appeals established

Delete this section and insert the following:

Whenever the Code Official shall disapprove an application, or when it is claimed that the provisions of the Ordinance do not apply, or that the true intent and meaning of the Ordinance have been misconstrued or wrongly interpreted, the applicant or person affected may appeal from the decision of the Code Official to the Board of Trustees of the North Aurora and North Aurora & Countryside Fire Protection District by written notice filed in the office of the Secretary of said Board within 30 days from the date of the decision being appealed. The said Board shall call a hearing on said appeal within 20 days of said notice of appeal filing, and shall render a decision in writing 10 days after completing such a hearing. Nothing herein shall restrict the Code Official from seeking immediate enforcement or the regulations of this Ordinance in court where the hazard involved requires such action.

108.1.1 Court of jurisdiction

Add as an additional section:

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.

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 Officials 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 302 – DEFINITIONS

302.1 Recreational Fire

Delete this section and insert the following:

An outdoor fire utilized to cook food for human consumption, or wood fires burned in metal, or porcelain finished metal, portable outdoor fireplace structures manufactured by a qualified manufacturing firm, as long as the manufacturer’s recommendations for proper placement and operation of the fireplace are followed.

CHAPTER 5 – FIRE SERVICE FEATURES

SECTION 503 – FIRE APPARATUS ACCESS ROADS

503.1.1 Buildings and facilities

Delete exception 1

503.1.4 Approval

Add as additional section:

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

503.2.3 Surfaces

Delete this section and insert the following:

Fire apparatus access roads or fire lanes shall have a solid surface capable of supporting the appropriate fire apparatus. Fire apparatus roads shall be pitched in such a manner as to allow the runoff of water and eliminate the potential of standing water. 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.

503.2.3.1

Add as an additional section:

Private fire department access roads and roadways shall be properly maintained and accessible during all seasons at all times.

SECTION 506 – KEY BOXES

506.1 Where required

Delete this section and insert the following:

When access to, or within a structure, or an area unduly difficult because of secured openings, or to gain access to fire protection controls, and where immediate access is necessary for life saving or fire fighting purposes, the Code Official shall require a minimum of one key lock box to be installed at a height not to exceed six (6) feet, in an accessible location. All buildings with automatic fire alarm systems and/or automatic fire suppression sprinkler systems shall have installed an approved key lock box for access by the North Aurora & Countryside Fire Protection District.

506.1.3 Contents

Add as an additional section:

The key box shall contain:

1. Keys to locked points of ingress whether on the interior or exterior of such buildings.
2. Keys to locked mechanical equipment rooms.
3. Keys to locked electrical rooms
4. Keys to elevator controls.
5. Keys to other areas as directed by the Code Official.
6. If entry is controlled by a card entry system, appropriate cards will be locked in box.
7. Each key or card shall be clearly identified or labeled as to use.

506.2 Key lock box maintenance

Delete this section and insert the following:

The operator of the building shall immediately notify the Code Official and provide the new key when a lock is changed or re-keyed. The key to such lock shall be secured in the key lock box. The users shall be responsible for the proper installation and maintenance of such key lock boxes, at their expense, and shall agree to indemnify and hold harmless the North Aurora & Countryside Fire Protection District, and their officers, employees and agents from any liability with respect to such key lock boxes.

506.3 Tamper Switches

Add as additional requirements to this section:

If the owner desires for the lock box to have a tamper switch tied into the fire alarm system, it shall be connected on the trouble side signaling alarm. Furthermore, the lock box will have a separate zone of its own and be labeled

“Lock Box” on the fire alarm enunciator panel. It is preferred to have it connected into the burglar alarm, if available.

506.4 Fire Department Procedure and Responsibility

Add as additional sections:

506.4.1

Keys to individual businesses will not be carried by fire companies.

506.4.2

It shall be the responsibility of each fire company officer or senior personnel to insure the strictest security of such key. Personnel will ensure that all lock boxes are secured with appropriate keys in key box and lock box keys are secured in vehicle prior to leaving scene.

506.4.3

In the event that a key is lost, immediate notification will be made to the Fire Marshal’s office, who will in turn notify the affected business so that the appropriate action can be taken

506.4.4

A master lock box key shall be provided to the Fire Marshal’s office for inspection and testing purposes.

506.4.5

The Fire Marshal’s office shall comply with all provisions of this section.

SECTION 507 – FIRE PROTECTION WATER SUPPLIES

507.1 Required water supply

507.1.1 General

Add as additional requirements to this section:

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 the 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.

507.3 Fire flow

Add as additional requirements 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 flow with not less than 20 pounds per square inch residual pressure.

507.4

Water supplies-Quantity – The following water supplies shall be available commensurate with hazards therein:

- | | | |
|----|--------------------------------------|------------------|
| 1. | Single family detached residential | 1000 gpm |
| 2. | Town/Row or cluster | 1500 to 2000 gpm |
| 3. | Apartment-type construction | 3000 to 4000 gpm |
| 4. | Industrial type development | 3000 to 5000 gpm |
| 5. | Research & development laboratories | 3000 to 4000 gpm |
| 6. | Business and commercial areas | 3000 to 4000 gpm |
| 7. | Mercantile centers | 3000 to 6000 gpm |
| 8. | Assembly and educational areas | 3000 to 5000 gpm |
| 9. | Healthcare and institutional centers | 3000 to 6000 gpm |

507.5 Fire hydrant systems

507.5.1 Where required

Delete this section and insert the following:

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 Code Official. Where the configuration of lots, distances between buildings and lot lines or public utility easements, accessibility to buildings for fire suppression requirements dictate, the Code Official shall increase or decrease hydrant spacing and appropriate supply mains as deemed necessary.

507.5.1.2 General

Additional fire hydrants shall be located within fifty (50) 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 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.

507.5.1.3

Fire hydrants shall be located along public streets so that no portion of the building will be over 300 feet from a fire hydrant. Where this is not possible, additional hydrants should be located on the premises accessible to motorized fire apparatus.

507.5.1.4

One hydrant shall be located at each intersection and intermediate hydrants in between so no hydrant is further than 300 feet apart.

507.5.1.5

Where streets or parking lots dead end, hydrants shall be placed along the access route.

507.5.1.6

At least two fire hydrants shall be located within 300 feet of the building.

507.5.1.7

Hydrants should be so located that:

(1) Hydrants will be located approximately 5 feet from all-weather roadways. If this cannot be done, the closest part of the hydrant shall be set back at least two feet from the curb line.

(2) Access to fire hydrants shall be by all weather roadways adequate in width, clearance and strength for fire fighting purposes. Such routes shall be maintained accessible during all seasons of the year. Legal provisions will be required for private roads to assure accessibility.

507.5.1.8

Fire hydrants shall be protected from damage by approved methods when located in areas subject to vehicular damage.

507.5.3

Delete point #1

507.5.3.1

Fire hydrant maintenance on private property shall be maintained in proper operating condition.

507.5.3.2

Fire hydrants shall be painted fire engine red to prevent rust and ease identification.

507.5.3.3

Hydrant thread shall be kept clean and lubricated. Caps should be hand tightened.

507.5.3.4

During water flow tests if internal workings do not work, it is the responsibility of the property owner to correct the problem.

507.5.3.5

It is the responsibility of the property owner to bear the cost of all repairs and maintenance of fire hydrants on private property.

507.5.3.6

If maintenance is not completed, the Fire District may impose fines as outlined in this code. Furthermore, if it is deemed a threat to the property to have such hydrant out of service, the Fire District may order repairs to hydrant and pass such costs on to the property owner.

507.6 Hydrant Specifications

All newly installed fire hydrants and replacement hydrants shall conform to the following requirements depending on type of occupancy.

507.7 Hydrants in Commercial, Industrial, and Other Similar Areas

Hydrants shall have two (2) pumper nozzles. One (1) nozzle shall be a 4" Storz connection. The other nozzle connection shall be 4 ½" NST. The hydrant shall be painted fire engine red.

507.8 Hydrants in Residential Areas

Hydrants shall have one (1) pumper nozzle and two (2) 2 ½” NST outlets. The pumper nozzle shall be a 4” Storz connection. The hydrant shall be painted fire engine red.

507.9 Hydrants on private property

Any privately owned hydrant shall have a 4” Storz connection. Existing hydrants shall be converted to a 4” Storz connection. If a hydrant can not be converted, and needs to be replaced, such replacements shall conform to 507.7 or 507.8.

507.10 Unauthorized use

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.

CHAPTER 9 – FIRE PROTECTION SYSTEMS

SECTION 903 – FIRE PROTECTION SYSTEMS

903.2 Where required

Delete this section and insert the following:

Approved automatic sprinkler systems in new buildings and structures shall be provided, with 100% coverages and regardless of square footage, in all Use Groups described in this Code. Automatic sprinkler systems must be installed in accordance with applicable NFPA standards, manufacturer’s recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems must be maintained in full operational conditions at all times. Automatic sprinkler systems shall be provided in all new residential Use Groups including town homes, and multi-family dwellings.

Exceptions:

Single family dwellings and duplexes.

Real estate sales and construction trailers utilized during the development of property when approved by the code official, agriculture storage buildings less than 8,000 square feet.

Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with automatic fire alarm system and are separated from the remainder of the building by a wall with a fire-resistance rating of not less than 1

hour and a floor/ceiling assembly with a fire-resistance rating of not less than 2 hours.

**903.2.1 Through 903.2.4.1 Where required
Delete these sections in their entirety**

**903.2.7 Through 903.2.11.3 Where required
Delete these sections in their entirety**

903.3.7.1

Fire department connections shall be a 4" Storz.

903.3.7.2

Owners of sprinkler systems that have connections other than Storz connections will immediately switch over to a 4" Storz connection.

903.4.1

Delete this section and insert the following:

All automatic fire suppression systems required for occupancies in all Use Groups, shall be supervised by directly connecting to an U.L. listed central station utilizing NFPA 72 and their respective listing by an approved agency.

903.4.3 Floor control valves

Delete this section and insert the following:

In multi story buildings, approved floor control valves with water flow switches shall be provided for each floor. In large multi tenant buildings, approved control valves with water flow switches shall be provided for each tenant.

SECTION 905- STANDPIPE SYSTEMS

Add as additional sections:

905.12

Any building having multiple risers shall have a diagram(s) next to the riser area showing the building and what sections are protected by which risers.

905.13

If all areas cannot be reached with 150 feet of attach hose from the required standpipes, additional standpipes shall be added so this provision can be met.

SECTION 907-FIRE ALARM AND DETECTION SYSTEMS

907.1.3 Equipment

Add the following language to the existing section:

New fire alarm control panels shall be addressable unless otherwise approved by the Code Official. The equipment shall be capable of having the audio signal silence without resetting the fire alarm control panel. All fire alarm control panels shall have an approved method of placing the system in trouble mode at the location of the alarm panel.

907.1.3.1

In residential uses, each living unit shall be provided with a white strobe indicating which detection device is in the alarm mode. This device shall be identifiable in accessible areas outside the living unit.

907.1.3.2

Enunciator panels shall be provided where more than one zone is provided. The panel shall be visible from the building exterior or other approved location.

907.1.3.3

Each tenant space shall be separately zoned. When tenant spaces are protected by one common sprinkler system, smoke detectors will be installed to provide for zoning.

907.1.3.4

Multiple tenant spaces with a common alarm panel will have a white strobe over the unit's front door to show activation in a particular unit.

907.1.3.5

A red strobe will be required over the door to show the alarm panel location.

907.1.3.6

The fire department shall have access at any time of the day or night to the fire alarm control panel without entering an individual living (dwelling) unit.

907.2 Where required – new buildings and structures

Delete this section and insert the following:

An approved manual, automatic, 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. Fire alarm systems shall be maintained in full operating condition at all times. Where automatic sprinkler protection is installed in accordance with section 903.3.1.1 or 903.3.1.2 and connected to the building fire alarm system, automatic heat detection required by this section shall not be required. An approved automatic fire detection system shall be installed in

accordance with the provisions of this Code and NFPA 72. 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 a boiler room where, during normal operation, products of combustion are present in sufficient quantity to actuate a smoke detector. Newly constructed buildings or structures shall be provided with fire protection as outlined below.

Exception: Single Family residences unless specified elsewhere in this Code.

907.2.1 Group A

Delete this section and insert the following:

New buildings or structures

An automatic and manual fire alarm shall be installed in accordance with NFPA 72 in Group A occupancies.

907.2.2 Group B

Delete this section and insert the following:

An automatic and manual fire alarm system shall be installed in accordance with NFPA 72 in Group B occupancies.

907.2.3 Group E

Delete this section and insert the following:

A manual and automatic fire alarm system shall be installed in Group E occupancies.

907.2.4 Group F

Delete this section and insert the following:

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

907.2.6 Group I

Delete this section and insert the following:

A manual fire alarm fire system and 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 Occupancies

Delete this section and insert the following:

All required fire protective signaling systems shall transmit alarm, supervisory and trouble signals to the UL listed central station in accordance with NFPA 72 by one of the methods listed in 907.15 of this code.

Exceptions:

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

907.2.7 Groups M and S

Delete this section and insert the following:

A manual and automatic fire alarm system shall be installed in accordance with NFPA 72 in Group M and S occupancies.

907.2.8 Group R-1

Delete this section and insert the following:

A manual fire alarm system and an automatic fire detection system shall be installed in Group R-1 occupancies.

Exceptions:

1. A manual fire alarm system is not required in buildings over two stories in height where all individual guestrooms and contiguous attic and crawl spaces are separated by at least one (1) hour fire partitions and each individual guestroom has an exit directly to a public way, exit court or yard.
2. An automatic fire detection system is not required in buildings that do not have interior corridors serving guestrooms and where guestrooms have a means of egress door opening directly to an exterior exit access that leads directly to the exits.
3. A separate fire alarm detection system is not required in buildings that are equipped throughout with an approved supervised automatic sprinkler system and a manual fire alarm system.

907.2.9 Group R-2

Delete this section and insert the following:

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, stairwells, 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.

907.2.11 Single and multiple station smoke alarms

Add the following wording after (72):

”and per the current State of Illinois Smoke Detector Act”.

907.5.2.3.2

Change “6 to 25” to “1 to 25”.

907.10

Vacant or unoccupied buildings or portions thereof shall maintain all required sprinkler, standpipe and fire alarm systems and all component parts in a workable condition at all times. The system(s) shall be tested in the presence of the Code Official if the adequacy of the system is felt to be in question.

907.11 False fire alarms

No person shall deliberately or maliciously turn on an alarm of fire when in fact that person knows that no fire exists. No person shall activate any installed fire warning system or any fixed fire extinguishing system for purposes other than emergency, maintenance, drills, or prescribed testing. Penalties for false fire alarms are addressed in North Aurora Fire Protection District ordinance 97-4.

907.11 Out of Service Systems

When a fire alarm/protection system must be taken out of service for maintenance, repairs, etc., the system shall not be out of service for a period of more than eight (8) hours. When a system is out of service, a responsible person, on site, shall be assigned, and on site, to contact the 911 center in case of fire and to turn on control valves of fire suppression systems, if available.

CHAPTER 11 – CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

1103.5 Sprinkler Systems

Delete and insert the following:

An automatic sprinkler system shall be provided in existing buildings in accordance with sections 1103.5.1 through 1103.5.5.5

Add as additional sections:

1103.5.5 Sprinkler Retrofit

Existing buildings are required to comply with the provisions of section 1103.5 when any of the following apply:

1103.5.5.1 Building Additions:

Building additions in existing occupancies shall be protected by an automatic fire sprinkler in accordance with sections 903 – 903.6:

1103.5.5.2 Change of occupancy within hazard level 1.

An automatic sprinkler system shall be installed when a building, regardless of the building area, undergoes a change of occupancy within hazard level 1.

1103.5.5.3 Change of occupancy to a higher hazard level.

An automatic sprinkler system shall be installed in any building that undergoes a change of occupancy to a higher hazard level as defined by Table 1103.5.5.4.

Table 1103.5.5.4

HAZARD LEVEL	OCCUPANCY TYPE
1 (Highest)	H, I, A, R-1, R-2, R-4, S-3
2	S-1, F-1
3	E, F-2, S-2
4 (Lowest)	B, M, U, R-3

1103.5.5.5 Sprinkler systems – partially sprinklered

When existing nonsprinklered buildings of mixed occupancy are required to install sprinklers based on a change of occupancy classification, sprinklers shall be installed throughout the fire area that includes the new occupancy. The fire-resistance rating of fire barriers or horizontal assemblies separating sprinklered and nonsprinklered fire areas shall be a minimum of 2 hours. Fire department connection signage shall be in accordance with Section 912.

1103.7.8 Changes in occupancy
Add as an additional section:

When a building undergoes a change in occupancy, the fire alarm system shall comply with the requirements of Section 907.2 for that occupancy.

CHAPTER 56 - EXPLOSIVES AND FIREWORKS

SECTION 5602 – DEFINITIONS

Add as additional section:

5602.2 – GENERAL

The following words and terms shall, for the purpose of this Chapter and as stated elsewhere in this Code, have the meanings show 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 exhibitional 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 devise 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 hundredth 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 5605 MANUFACTURING, ASSEMBLY, AND TESTING OF EXPLOSIVES, EXPLOSIVE MATERIALS, AND FIREWORKS.

Delete this section and insert the following:

The storage of explosive materials is prohibited within the North Aurora & Countryside Fire Protection District except by special permit issued by the Chief or his designee of the North Aurora & Countryside Fire Protection District.

Add as an additional section:

SECTION 5610-VIOLATIONS

Section 5610.1 General

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

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

Section 5610.1 Bond for display

The permit holder shall furnish a bond in an amount of \$1,000,000 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 of \$1,000,000 and naming the Village of North Aurora and the North Aurora & Countryside Fire Protection District as additional insured and execute an agreement holding the North Aurora & Countryside Fire Protection District and Village of North Aurora harmless from any damage to persons or property caused by the permitted display.

Section 5610.2 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).

**ARTICLE 5 AMMENDMENTS TO THE INTERNATIONAL BUILDING
CODE**

202 – High Rise Building Definition

Delete and replace with the following:

A building with an occupied floor located four (4) stories or greater above the lowest level of fire department vehicle access.

Section 3002 – Hoist way enclosures

Delete 3002.4 and insert the following:

3002.4

Elevator service shall be provided in all buildings and structures two stories or greater in height, measured from the lowest level of fire department vehicle access.

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

3002.4.1 Elevator car requirements

Elevator cars are to accommodate the ambulance stretcher. In the buildings two stories in height or more, at least one elevator 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 doorframe. The inside hand rail shall be set at the maximum thirty six (36) inch height allowed under ADA standards to better accommodate the stretcher. The cab size is to be minimum a 5'x7' platform and minimum 2500 lb capacity with a 42" side slide door.

ARTICLE 6 MODIFICATIONS

The Code Official of the Bureau of Fire Prevention or designee shall have the power to modify any of the provisions of this Ordinance upon application in writing by the owner or lessee, or his duly authorized agent, when there are practical difficulties in carrying out the strict letter of this Ordinance, provided that the spirit of the Ordinance shall be observed, public safety secured, and substantial justice one. The particulars of such modifications when granted and the approval of the Code Official of the Bureau shall be in writing and kept on file in the Office of the Bureau of Fire Prevention, and a signed copy shall be furnished the applicant.

ARTICLE 7 – DEVIATIONS FROM ORDINANCE

From time to time situations may arise that are not covered within the provisions of this ordinance. For the sole purpose of providing public safety the Code Official may require that additional orders be carried out. When this occurs, it will be the responsibility of the Code Official to provide a letter to those affected outlining the following:

1. Address of building affected.
2. Additional requirements to be met.
3. Reasons for additional requirements and how it will affect public safety.
4. The right to appeal.
5. The expected completion of additional requirements, if not appealed.

A copy of this letter will be kept on file in the offices of the Bureau of Fire Prevention. All appeals will occur as outlined in this ordinance.

ARTICLE 8 APPEALS

Whenever the Code Official shall disapprove an application, or refuse to grant a permit, or when it is claimed that the provisions of the Ordinance do not apply, or that the true intent and meaning of the Ordinance have been misconstrued or wrongly interpreted, the applicant or person affected may appeal from the decision of the Code Official to the Board of Trustees of the North Aurora and North Aurora & Countryside Fire Protection District by written notice filed in the office of the Secretary of said Board within 30 days from the date of the decision being appealed. The said Board shall call a hearing on said appeal within 20 days of said notice of appeal filing, and shall render a decision in writing 10 days after completing such a hearing. Nothing herein shall restrict the Code Official from seeking immediate enforcement or the regulations of this Ordinance in court where the hazard involved requires such action.

ARTICLE 9 PENALTIES

Any person, firm or corporation who violates, disobeys, omits, neglects or refuses to comply with, or who resists the enforcement of any of the provisions of this Ordinance including the codes adopted herein by reference, or who refuses to remedy a violation or same, shall be fined not less than \$50 nor more than \$500 for each offense; and each seven days that a violation continues shall constitute a separate offense. The application of a penalty shall not be held to waive legal action to enforce removal of the prohibited conditions.

ARTICLE 10 CONFLICTING ORDINANCES: PARTIAL INVALIDITY

All former ordinances or parts thereof conflicting or inconsistent with the provisions of this Ordinance on the codes adopted herein by reference are hereby repealed. Should a court of competent jurisdiction hold that any part of this Ordinance or any part of the codes adopted herein by reference, is invalid, such holding shall not invalidate the remainder.

ARTICLE 11 EFFECTIVE DATE

This Ordinance and the codes adopted herein by reference shall be in full force and effect 10 days after publication of this Ordinance.

PASSED AND APPROVED this _____ day of _____, 20_____

President, Board of Trustees,

North Aurora and Countryside Fire
Protection District

ATTEST: _____

Secretary

AYES: _____

Treasurer

NAYES: _____