

**PINGREE GROVE & COUNTRYSIDE FIRE PROTECTION DISTRICT  
KANE COUNTY, ILLINOIS**

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**ORDINANCE NO. 25-002**

**AN ORDINANCE ESTABLISHING THE MINIMUM FIRE PROTECTION REGULATIONS GOVERNING THE SAFEGUARDING OF LIFE AND PROPERTY FROM FIRE AND EXPLOSION HAZARDS ARISING FROM THE STORAGE, HANDLING, AND USE OF HAZARDOUS SUBSTANCES, MATERIALS AND DEVICES, AND FROM CONDITIONS HAZARDOUS TO LIFE OR PROPERTY IN THE OCCUPANCY OF BUILDINGS AND PREMISES; ADOPTING THE 2021 EDITION OF THE INTERNATIONAL FIRE CODE; AND REPEALING ORDINANCE NO. 22-XXX**

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**ADOPTED BY THE  
BOARD OF TRUSTEES OF THE  
PINGREE GROVE & COUNTRYSIDE FIRE PROTECTION DISTRICT  
THIS 17TH DAY OF FEBRUARY 2025**

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KANE COUNTY, ILLINOIS  
ORDINANCE NO. 25-002**

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**WHEREAS**, Pingree Grove & Countryside Fire Protection District, located in Kane 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 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, 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 of Trustees of the Pingree Grove & Countryside Fire Protection District 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 2021 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 outlined in **Exhibit A** to this Ordinance.

**NOW, THEREFORE**, be it ordained by the Board of Trustees of the Pingree Grove & Countryside Fire Protection District, Kane 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 adopted as part of this Ordinance.

**SECTION 2:** The fire prevention code of the Pingree Grove & 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, 2021 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 available for public inspection during regular business hours as provided by law.

**SECTION 3:** It shall be unlawful to design, construct, alter, enlarge, repair, demolish, remove, use, or maintain any building or structure within the boundaries of the Pingree Grove & Countryside Fire Protection District in violation of any terms or provisions of this Ordinance.

**SECTION 4:** 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 Pingree Grove & Countryside Fire Protection District in enforcing the provisions of the adopted Code. All persons violating the Fire Prevention Code shall be subjected to fines as set forth and established in Subsection 112.4, Subsection 113.4, Subsection 503.4.2, 503.4.3, 503.4.7, and Subsection 503.4.8 of the Code. Those Subsections shall be added or amended as follows:

Subsection 112.4 Violation penalties. Amended to read as follows:

Amend: Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair, or do work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of not less than \$100.00 or more than \$1000.00 or by imprisonment not exceeding 180 days, or both such fine and imprisonment. Each day a violation continues after due notice has been served, it shall be deemed a separate offense.

Subsection 113.4 Violation penalties. Amended to read as follows:

Amend: Any person who shall continue any work after being 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 \$100.00 or more than \$1000.00.

Subsection 503.4.2 Obstructions (Add new section)

ADD: Obstruction of fire apparatus access roads and fire lanes. Vehicles that obstruct or block posted fire apparatus access roads and fire lanes shall not be fined less than \$100.00 or more than \$1000.00 per vehicle per incident.

Subsection 503.4.3 Obstruction to Fire Department Sprinkler Connection

ADD: Vehicles that obstruct or block posted fire department sprinkler connections shall not be fined less than \$100.00 or more than \$1000.00 per vehicle per incident.

**SECTION 6:** Future versions of the District's Fire Prevention Code shall be revised by Board approval of additional **Exhibits** that amend the current **Exhibit A**. All such revisions shall be dated and 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:** This Ordinance shall be in full force and effect from and after its passage, approval, and publication in accordance with the law.

**ADOPTED** this 17th day of February, 2025, by the following roll call vote:

AYES:          3    
NAYS:          0    
ABSENT:       2  

  
\_\_\_\_\_  
Robert Seyl  
President, Board of Trustees  
Pingree Grove & Countryside Fire Protection District

ATTEST:   
\_\_\_\_\_  
Mathew Clark  
Secretary, Board of Trustees  
Pingree Grove & Countryside Fire Protection District

STATE OF ILLINOIS        )  
  ) SS  
COUNTY OF DUPAGE        )

**SECRETARY’S CERTIFICATE**

I, Mathew Clark, the duly qualified and acting Secretary of the Board of Trustees of the Pingree Grove & Countryside Fire Protection District, Kane County, Illinois, do hereby certify that I am the keeper of its books and records and that attached hereto is a true and correct copy of an Ordinance entitled:

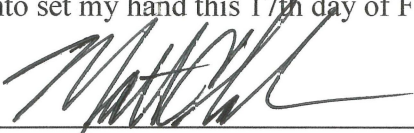
**PINGREE GROVE & COUNTRYSIDE FIRE PROTECTION DISTRICT  
KANE COUNTY, ILLINOIS  
ORDINANCE NO. 25-002**

**AN ORDINANCE ESTABLISHING THE MINIMUM FIRE PROTECTION REGULATIONS GOVERNING THE SAFEGUARDING OF LIFE AND PROPERTY FROM FIRE AND EXPLOSION HAZARDS ARISING FROM THE STORAGE, HANDLING AND USE OF HAZARDOUS SUBSTANCES, MATERIALS, AND DEVICES, AND FROM CONDITIONS HAZARDOUS TO LIFE OR PROPERTY IN THE OCCUPANCY OF BUILDINGS AND PREMISES; ADOPTING THE 2021 EDITION OF THE INTERNATIONAL FIRE CODE; AND REPEALING ORDINANCE NO. 22-002**

which Ordinance was duly adopted by said Board of Trustees at a regular meeting held on the 17th day of February 2025.

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

IN WITNESS WHEREOF, I have hereunto set my hand this 17<sup>th</sup> day of February 2025.

  
\_\_\_\_\_  
Mathew Clark, Secretary, Board of Trustees  
Pingree Grove & Countryside Fire Protection District

**EXHIBIT A**

**PINGREE GROVE & COUNTRYSIDE FIRE PROTECTION DISTRICT  
FIRE PREVENTION CODE**

**2021 EDITION OF THE INTERNATIONAL FIRE CODE WITH CERTAIN AMENDMENTS**

The regulations of the 2021 edition of the International Fire Code, as published by the International Code Council, are hereby adopted as the regulations governing the safeguarding 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 existing or proposed new buildings or premises in the Pingree Grove & Countryside Fire Protection District with such amendments as are hereafter set forth.

Additions, insertions, deletions, and changes to sections of the Fire Prevention Code are hereby revised as follows:

Subsection 101.1 Title (page 1, Name of Jurisdiction, Insert in second line)  
INSERT: Pingree Grove & Countryside Fire Protection District

Subsection 102.3 Change of use or occupancy. Amend the section to read as follows:

Amend: The provisions of the International Building Code shall apply to all buildings undergoing a change of occupancy, repairs, alterations, and additions as adopted by the Pingree Grove & Countryside Fire Protection District.

Subsection 102.4 Application of building code. Amend to read as follows:

Amend: The design and construction of new structures, repairs, alterations, and additions to existing structures shall comply with the International Building Code

Subsection 105.6 Required operational permits. Amend to read as follows:

Amend: The fire code official is authorized to issue operational permits for the use and handling of any quantity of explosive material, fireworks, or pyrotechnic special effects within the scope of Chapter 56.

SECTION 111  
BOARD OF APPEALS

Subsection 111.1 Board of Appeals established. Amended to read as follows:

**Amend:** To hear and decide appeals of orders, decisions, or determinations made by the code official relative to the application and interpretation of this code, a board of appeals shall be created and hereby created consisting of members who are employees of the jurisdiction. The fire code official shall be an ex officio member of said board but shall have no vote on any matter before the board. The Board of Appeals shall consist of the President and Board of Trustees of the Pingree Grove & Countryside Fire Protection District. The President shall serve as Chairman, and the Secretary of the Pingree Grove & Countryside Fire Protection District's Board of Trustees shall serve as Secretary. The board shall adopt rules and procedures for conducting business. It shall render all decisions and findings in writing to the appellant with a duplicate copy to the code official.

Subsection 112.4 Violation penalties. Amended to read as follows:

**Amend:** Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair, or do work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of not less than \$100.00 or more than \$1000.00 or by imprisonment not exceeding 180 days, or both such fine and imprisonment. Each day a violation continues after due notice has been served, it shall be deemed a separate offense.

Subsection 113.4 Failure to comply. Amended to read as follows:

**Amend:** Any person who shall continue any work after being 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 \$100.00 or more than \$1000.00.

Subsection 202 GENERAL DEFINITIONS: Add and amend to read as follows:

**DELETE:** Factory Industrial F-2 Low-Hazard Occupancy in its entirety (Page 18)

**ADD:** All factory industrial uses and occupancy classified as Group F-2 shall be classified as Group F-1. Requirements of this ordinance and code for factory industrial F-1 shall apply to all industrial use and occupancy.

**DELETE:** Low-hazard storage, Group S-2 in its entirety.

ADD: Low Hazard Storage, Group S-2. All uses classified as use group S-2, shall be considered to be use group S-1. The provisions of this code for use group S-1 shall apply to such structures. No building or structure shall be classified as S-2, Low Hazard Storage.

ADD: Building Identification. Address numbers shall be visible from the street and located in the upper third of the building. Street numbers shall be Arabic numerals and contrasting in color to be clearly visible at a location approved by the Fire Code Official before installation. Address numerals shall also be located on the rear doors of multi-tenant buildings (minimum 6 inches in height), along with suite numbers and the occupancy name. They shall be contrasting in color with the background.

ADD: Building Emergency Egress Identification: All new buildings and or structures that are remodeled in any fashion shall have their egress doors marked per the Pingree Grove & Countryside Fire Protection District's emergency identification system. Numbering shall be a minimum of six inches in size, contrasting in color, and located in the upper right-hand corner of the interior and exterior of all required egress doors. The numbering system shall designate the location of the door by alpha and numeric identification according to the direction the door faces and its orientation from north to south and east to west and approved by the Fire Code Official.

ADD: Void Areas: Where additional ceilings are added during construction or remodeling, there shall not be more than one void space created without the approval of the Building and Fire Code Officials approval.

Subsection 311.1 General, (Page 3-6, Delete and amend to add to read as follows )

DELETE: Entire section

ADD: Temporarily unoccupied buildings, structures, premises, or portions thereof, including tenant spaces, shall be safeguarded and maintained per this section. Fire protection systems required by this code or the Building Code as amended and adopted by the Pingree Grove & Countryside Fire Protection District shall be installed, repaired, operated, tested, and maintained per this code. The building owner shall provide updated key holder information as the Pingree Grove & Countryside Fire Protection District requires.

Vacant structures that have been unoccupied for more than 24 consecutive months shall be inspected prior to occupancy. The building or unoccupied portion shall be equipped with a fully automatic fire alarm system as specified in Section 907 and directly monitored by the authority having jurisdiction.

Subsection 314.3 Highly combustible goods. Delete and amend to add to read as follows :)

Change 5 feet to 25 feet.

Subsection 314.4 Vehicles. Add new section:

ADD: The parking or storage of motorized vehicles shall only be done in properly designated areas specifically for vehicle parking or storage.

Subsection 503.3 Posting of Fire Lanes. (Add new section)

Amend: The fire code official may require the posting of new and existing fire access roads with "No Parking, Stopping, or Standing – Fire Lane" signs as deemed necessary to ensure fire apparatus accessibility is maintained and can be enforced.

Subsection 503.4.1 Traffic Calming Devices (Page 5-1) (Add to the bottom of the first paragraph)

ADD: If speed bumps are installed on fire access roads, they shall not exceed four inches in height over a twenty-four-inch graded span and shall be graded to avoid sharp contrast or as otherwise approved by the fire code official.

Subsection 503.6 Security gates. Delete and add to read as follows:

DELETE: Section in entirety

ADD: The fire chief shall approve the installation of security gates across a fire apparatus access road or entrance. Where security gates are installed, they shall be equipped with an approved key switch that activates the gate's operation. The Fire Code Official shall approve the key switch and its location. The security gates and emergency operations shall always be operational. An approved key security box (Knox Box) shall be installed on a post in a location close & visible to the gate and approved by the Fire Code Official.

Subsection 503.7 Obstructions (Add new section)

ADD: Obstruction of fire apparatus access roads and fire lanes. Vehicles that obstruct or block posted fire apparatus access roads and fire lanes shall not be fined under \$75.00 or more than \$1000.00 per vehicle per incident.

Subsection 503.8 Obstruction to fire department sprinkler connection (Add new section).

ADD: Vehicles that obstruct or block posted fire department sprinkler connections shall not be fined less than \$75.00 or more than \$1000.00 per vehicle per incident.

Subsection 506.1 Where required. (Page 5-3, Add to end of section)

ADD: Key boxes shall be provided on all high-rise stairwell exit discharges and on all I Use Group exit doors as required by the fire code official.

Subsection 903.1 General. (Page 9-4, Add to end of first sentence)

ADD: An automatic sprinkler system shall be installed in all Groups A, Group B, Group E, Group F, Group H, Group I, Group M, Group R, Group S, and Group U occupancies of 7,499 square feet or larger.

Subsection 903.1.1 Alternative protection. (Page 9-4, Add as first sentence)

ADD: In cases where municipal water connections cannot be provided due to unforeseen situations, the fire code official shall designate an alternative type sprinkler system using tank water per NFPA 13.

Subsection 903.2.1.1 Group A-1. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided in all Group A-1 occupancies of 7,500 square feet or larger.

Subsection 903.2.1.2 Group A-2. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided in all Group A-2 occupancies of 7,500 square feet or larger.

Subsection 903.2.1.3 Group A-3. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided in all Group A-3 occupancies of 7,500 square feet or larger.

Subsection 903.2.1.4 Group A-4. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided in all Group A-4 occupancies of 7,500 square feet or larger.

Subsection 903.2.1.5 Group A-5. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided in concession stands, retail areas, press boxes, and other accessory areas when the total square feet of the structure is 7,500 square feet or larger.

ADD: An automatic sprinkler system shall be provided in all Group E occupancies of 7,500 square feet or larger.

Subsection 903.2.3 Group F-1. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided throughout all buildings containing Group F-1 occupancy of 7,500 square feet or larger.

Subsection 903.2.3.1 Woodworking operations. Delete the entire section in its entirety

ADD: All 7,500 square feet or larger woodworking occupancies shall provide an automatic sprinkler system.

Subsection 903.2.5 Group I, Delete entire section in its entirety

ADD: An automatic sprinkler system shall be provided in all buildings containing Group I occupancy of 7,500 square feet or larger.

Subsection 903.2.6 Group M, Delete section in its entirety

ADD: An automatic sprinkler system shall be provided in all Group M occupancies of 7,500 square feet or larger.

Subsection 903.2.6.1 High-piled storage. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided in all 7,500 square feet or larger high-piled storage facilities.

Subsection 903.2.8 Group R. Delete section in its entirety:

ADD: An automatic sprinkler system shall be provided in all Group R occupancy of 7,500 square feet or larger.

Exception: Single-family and attached single-family homes under 10,000 square feet.

Subsection 903.2.9 Group S-1. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided in all Group S-1 occupancies of 7,500 square feet or larger.

Subsection 903.2.9.1 Repair Garages. Delete the section in its entirety

ADD: All "Repair Garages" of 7,500 square feet or larger shall be provided an automatic sprinkler system.

Subsection 903.2.9.2 Bulk storage of tires. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided for all "Bulk Tire Storage areas" of 7,500 square feet or larger.

Subsection 903.2.10.1 Commercial parking garages. Delete the section in its entirety

ADD: An automatic sprinkler system shall be provided for all commercial parking garages of 7,500 square feet or larger.

Subsection 903.2.11 All occupancies except U (Pages 9-7, No exception)

DELETE: Delete the exception for Group U.

Subsection 903.2.11.1 – 903.2.11.1.3 Stories and basements without openings Page 9-8. Delete Subsections and Insert)

DELETE: Entire subsection, 903.2.11.1.1 through and including 903.11.1.3.

ADD: An automatic sprinkler system shall be installed throughout every basement of all buildings regardless of openings and access of 7,500 square feet or larger.

Subsection 903.2.11.3 Buildings more than 55 feet in height. (Page 9-8, Delete subsections and exceptions and Insert.)

DELETE: Entire subsection, including Exceptions.

INSERT: An automatic sprinkler system shall be installed throughout all buildings regardless of height and occupant load, with a maximum occupant load of 7,500 square feet.

Subsection 903.3

ADD: The use of XL thin wall pipe is not allowed; only schedule 40 black iron or galvanized shall be permitted.

Subsection 903.3.5 Water Supplies. (Page 9-11 Add and amend to read as follows)

ADD: Water supplies for automatic sprinkler systems shall comply with this section. The potable water supply shall be protected against backflow per the requirements of this section and the International Plumbing Code. Hydrant water flow data used to design any sprinkler system shall be less than 1 year old.

Fire Hydrants. Fire hydrant locations shall comply with the following conditions.

1. One fire hydrant shall be within 100 feet of all fire department sprinkler and standpipe connection(s).
2. At least two (2) fire hydrants shall be located within three hundred (300) feet of all buildings
3. Fire hydrants shall be located along public streets so that no portion of the perimeter building will be over 300 feet from a fire hydrant. Where this is not possible, additional hydrants shall be located on the premises accessible to motorized fire apparatus.
4. Fire hydrants shall be located at:

- a. 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 shall be required for private roads. Pumper cutlets shall face such roadways.
  - b. Hydrants should be located within ten (10) feet from all-weather roadways. At no time shall the closest part of the hydrant be setback less than three (3) feet from the curb line.
  - c. Hydrants shall be located a minimum fifty (50) feet from the building to be protected or at an approved location by the Fire Code Official.
5. Fire hydrants used in conjunction with water supplies shall be approved by the Pingree Grove & Countryside Fire Protection District and shall be installed at the same time the water main is installed. All hydrants shall have a minimum six (6) inch inlet, a four- and one-half inch (4 ½") discharge port and two- two- and one-half inch discharge ports which are equipped with National Standard Hose coupling threads. The hydrant shall open "left handed". Discharge ports shall face the adjacent roadway and shall be installed at sixteen (16) to twenty-four (24) inches above the adjacent grade as measured to the bottom of the steamer port.
  6. Fire hydrants shall be protected from accidental damage by approved methods when located in areas subject to vehicular damage. All protective devices shall be located so as not to obstruct the normal operations of the fire hydrant.
  7. Plans showing fire hydrant placement and water main size and location shall be submitted to the Fire Prevention Bureau for approval prior to installation.

Subsection 903.3.5.1 Domestic services (Page 9-11, add to end of subsection – line 4)

ADD: Domestic water services and associated shut-off valves shall be separate from the water supply for the automatic sprinkler system and shall be separated on the outside of the building or structure being served unless otherwise approved by the building official.

Subsection 903.3.8.1.1 Limited area sprinkler systems. (Page 9-11, Insert as first sentence)

ADD: Limited area sprinkler systems are only allowed with approval of the fire code official.

Subsection 903.3.8.5 Hydraulic Calculations Added to read as follows:

ADD: A minimum of 10% or 5 psi (whichever is greater) minimum safety factor shall be provided in the fire protection system hydraulic calculations. The system demand shall be 5 psi minimum below the seasonal low water flow test supply.

Each hydraulically calculated area on each drawing shall be provided with a copy of the hydraulic nameplate

Subsection 903.4 Sprinkler system monitoring and alarms. (Pages 9-12) delete exceptions one, two, and three.

DELETE: Exception numbers 1, 2, and 3.

Subsection 903.4.2 Alarms (Page 9-12, add to the end of the paragraph)

ADD: Provide an outside UL-listed weather-tight visual device over the fire department sprinkler connection. This device shall be equipped with a blue lens.

ADD: Audio-visual devices shall be provided, seen, and heard in all areas of every building. All sprinklered buildings shall be provided with audio-visual devices. Existing buildings shall be required to bring any deficient areas up to code upon any building additions or alterations, excluding cosmetic-only alterations subject to the Fire Code Official's approval.

ADD: The fire sprinkler system inspector's valves shall be accessible at all times and located no more than 6 feet above the finished floor. On multiple riser systems test valves shall be marked as to which riser and area it tests.

ADD: Installation In multiple story buildings floor control valves with water flow switches shall be provided for each floor.

ADD: Where automatic sprinklers provide protection to an area with an approved flow switch interconnected to the fire alarm system protected by the zoned sprinkler system, the fire department may require additional smoke detectors for a more rapid means to identify the location of smoke or fire.

Subsection 904.3.5 Monitoring. Delete:

ADD: All kitchen hood suppression systems shall be monitored by a building fire alarm system and indicated as a separate zone.

Subsection 907

Delete: All exceptions. All buildings, except single-family residences, shall require an approved, monitored fire alarm system.

ADD: All fire alarm systems shall be of the addressable type and shall be installed per NFPA 72 unless otherwise approved by the fire code official.

ADD: All fire alarm panels shall be equipped with U.L.-listed reverse polarity terminals. All fire alarm panels shall provide a minimum of 60 hours of battery backup service in the case of A/C power failure.

ADD: At any time, a fire alarm panel or connected equipment becomes inoperative due to age or extent of repairs and is required to be replaced, the fire code official may require the fire alarm system for the entire building to be brought up to current code requirements.

ADD: All fire alarm control panels shall be installed near the fire department sprinkler risers with a fully functioning remote annunciator panel located within 10 feet of the main entrance at a location approved by the fire district. The remote annunciator panel shall be capable of alarm silence and reset. No code-type annunciator panels are allowed.

Exception: Manual fire alarm boxes are not required in Use Group M, where the building is equipped with an automatic sprinkler system throughout, and the alarm notification appliances will activate upon sprinkler water flow.

All required fire detection and suppression systems shall be supervised by an approved remote station system of the Pingree Grove & Countryside Fire Protection District in accordance with NFPA 72. Exceptions:

1. Underground gate valves with roadway boxes

INSERT: All new radio fire alarm systems installed within the jurisdictional boundaries of the Authority Having Jurisdiction shall transmit trouble, supervisory, and fire signals via a wireless transmitter in accordance with NFPA 72. Only equipment certified and approved by the Authority Having Jurisdiction designated proprietary agent may be installed. The designated proprietary agent shall be the only authorized installer and repair service for the approved radio transmitters.

Subsection 907.2.1 Group A (Page 9-21, Delete subsection and insert new subsection)

DELETE: Entire subsection

INSERT: A fire alarm system in Group A occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.2.2 Group B. (Page 9-22, Delete subsection and insert new subsection.)

DELETE: Entire Subsection

INSERT: A fire alarm system in Group B occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.2.3 Group E, (Page 9-22, Delete subsection and insert new subsection)

DELETE: Entire Subsection.

INSERT: A fire alarm system in Group E occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove Fire Protection District.

Subsection 907.2.4 Group F (Page 9-22, Delete subsection and insert new subsection.)

DELETE: Entire Subsection.

INSERT: A fire alarm system in Group F occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.2.5 Group H (Page 9-22-23, Delete subsection and insert new subsection)

DELETE: Entire Subsection.

INSERT: A fire alarm system in Group H occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.2.6 Group I. (Page 9-23-24, Delete subsection and insert new subsection.)

DELETE: Entire Subsection

INSERT: A fire alarm system in Group I occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.2.7 Group M. (Page 9-24, Delete subsection and insert new subsection)

DELETE: Entire Subsection

INSERT: A fire alarm system in Group M occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District

Subsection 907.2.8 Group R-1 (Page 9-24, Delete subsection and insert new subsection.)

DELETE: Entire Subsection

INSERT: A fire alarm system in Group R-1 occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.2.9 Group R-2 (Page 9-24 - 25, Delete subsection and insert new subsection.)

DELETE: Entire Subsection

INSERT: A fire alarm system in Group R-2 occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.2.10 Group S (Page 9-25, Insert new subsection)

INSERT: A fire alarm system in Group S occupancies shall be installed and maintained in accordance with NFPA 72 as regulated by the Pingree Grove & Countryside Fire Protection District.

Subsection 907.6.4 Zones, (Page 9-32, insert new subsection)

INSERT: All fire alarm systems shall be capable of zone disconnects at the main fire alarm control panel. Disconnection of a zone shall cause the fire alarm system to transmit a trouble signal.

INSERT: Multi-tenant buildings will be “ring by tenant” and shall include weather-tight, clear outside strobe lights over the entrance to each tenant space as directed by the Fire Code Official. All outside strobes shall provide a minimum of 75 candelas.

Subsection 910.1 General (Page 9-42 – Smoke and Heat Vents – Add to the end of subsection paragraph, delete exception)

ADD: Buildings or portions thereof shall be provided with mechanical smoke exhaust systems in all occupancies of Groups A, B, E.F, I, M, and S having more than 30,000 square feet (2787 square meters) in floor area.

DELETE: Entire Exception

Subsection 910.2.1 Groups F-1 and S-1 (Page 9-42, Smoke and Heat Vents – Where required- Delete entire subsection and insert new subsection)

DELETE: Entire Subsection

INSERT: Groups F and S. Building and portions used as a Group F or S occupancy having more than 30,00 square feet (2787 Square meters) in floor area.

Subsection 913 Fire Pumps:

ADD: An OS&Y control valve shall be located on all fire pump test headers. All fire pump installations shall provide an outside test header.

ADD: Provide an outside access door to the sprinkler riser valve room and fire pump room. This room shall also be equipped with an interior access door that swings in the direction of egress. Egress door(s) shall be equipped with panic hardware.

ADD: Provide a minimum 2-hour U.L.-rated assembly for all fire pump rooms. All fire pump rooms shall be provided with an approved doorway from the outside and a door from the room to the structure's interior.

Subsection 1007.1 Accessible means of egress required (Page 10-9, Add to end of subsection and Delete Exception No. 1)

ADD: Accessible means of egress shall comply with the current version of the Illinois Accessibility Code.

DELETE: Exceptions No. 1.

Subsection 1008.2 Illumination. (Page 10-10, Delete the first sentence in its entirety and insert the following wording)

INSERT: Exit signs shall be internally illuminated.

Subsection 1010.1.2.1 Door swing. (Page 10-14, end of second paragraph and insert in its place)

DELETE: “where serving an occupant load of 50 or more persons or Group H occupancy.”

INSERT: “and be provided with an approved automatic door closing device”.

Subsection 1010.2.4 Locks and latches (Page 10-16 - 17, Delete exceptions 2, 2.1, and 2.2)

DELETE: Entire exceptions 2 and 3.

Section 1011.1. Stairways – page 10-22 add.

ADD: A sign shall be provided at each floor landing in interior vertical exit enclosures connecting more than two stories designating the floor level, the terminus of the top and bottom of the stair enclosure, and the identification of the stair in accordance with the Pingree Grove & Countryside Fire Protection District’s Emergency Building Egress Identification system. The signage shall also state the story of, the direction to the exit discharge and the availability of roof access from the stairway for the fire department. The sign shall be located five feet above the floor, landing in a position that is readily visible when the doors are open and closed.

Subsection 1015.1 Guards – Opening limitations (Page 10-30, Add to end of Subsection)

ADD: Required guards shall not be constructed with horizontal rails or another ornamental pattern that results in a ladder effect.

Subsection 1205.2 Access and Pathways. Exceptions.

DELETE. Exception 1 and 2

Subsection 1205.2.1

DELETE. Exception 1 and 2

Subsection 1205.2.1.1 Pathways to Ridge.

DELETE. Everything after the first sentence.

Subsection 1205.2.1.2 Setbacks at the ridge.

DELETE: Entire subsection.

ADD: Photovoltaic arrays shall have a setback of not less than 36 inches (457 mm) wide on both sides of a horizontal ridge, on the eave sides, and on the gable/rake sides.

Subsection 1205.2.1.3 Alternative setbacks at the ridge.

DELETE: Entire subsection

## GROUND SOLAR ARRAYS

### Subsection 1205.5.1 Vegetation control

DELETE: First sentence of the subsection

ADD:

1. The minimum standard structural section shall be designed and constructed to be capable of supporting a 30-ton vehicle
2. An approved 12-foot (minimum) all-weather road shall be installed leading to the solar array.
3. An approved 25-foot minimum road/buffer is required around the perimeter of the entire project for emergency vehicles. Plantings or agriculture use of the adjacent areas cannot interfere with the road/buffer.
4. All internal roads shall be a minimum of 20 feet wide.
5. An approved all-weather road surface is defined as suitable aggregate material over compacted subgrade soil.
6. An approved fire apparatus turnaround shall be required when necessary.
7. Gated access shall be provided in multiple locations with an approved Knox Box. This system will eliminate the unnecessary damage caused by forced entry. The Knox Box shall be installed adjacent to the gate leading into the property and shall contain all keys for the locks installed.
8. The minimum clear width of the gate opening shall be the same as required for the road served.

### Markings

1. Solar Photovoltaic systems must be clearly marked. Marking is needed to provide emergency responders with appropriate warning and guidance regarding working around and isolating the solar electric system.
2. Signage providing all contact information in case of an emergency on the property is required adjacent to the locked gate leading into the property.
3. Materials used for marking signs must be weather-resistant.

### Vegetation Clearance

1. Vertical clearance of 13 feet 6 inches shall be maintained.
2. Horizontal clearance of up to 10 feet on each side of the road shall be maintained.
3. Additional clearance may be required in high-fire hazard areas.

### Addressing

1. Address numbers shall be installed and maintained for the life of the project

2. Address numbers shall be a minimum of 6 inches and shall contrast with their background.
3. Address numbers shall be placed in a plainly legible position and visible from the street fronting the property. All road forks or down long driveways must be obvious to any emergency vehicle where the site is located by direction and additional numerical signs.

#### Additional Requirements

1. All firefighting, including grass fires, are to be conducted from outside the exterior of the bordering fencing.
2. The distance between panel edges when they are in a parallel position to the ground cannot be less than ten (10) feet, and a switch must be provided for panels to adjust vertically.
3. A shut-off device shall be provided at the gate to disable all inverters.

