

ORDINANCE NO. 0122-26

AN ORDINANCE OF THE BEECHER FIRE PROTECTION DISTRICT, ADOPTING THE 2021 EDITION OF THE *INTERNATIONAL FIRE CODE*, REGULATING AND 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 IN THE BEECHER FIRE PROTECTION DISTRICT, AND PROVIDING FOR THE ISSUANCE OF PERMITS FOR HAZARDOUS USES OR OPERATIONS

WHEREAS, code officials have long recognized the need for a single, up-to-date Fire Code applicable throughout the country; and

WHEREAS, representatives of the three major code writing organizations, International Code Council ("ICC"), International Conference of Building Officials ("ICBO"), and Southern Building Code Congress International, Inc. ("SBCCI"), have joined together to develop one International Fire Code ("IFC"), for the entire country; and

WHEREAS, the Beecher Fire Protection District, Will County, 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, Section 11 of 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 District deems it in the best interest of the District to adopt the International Fire Code, 2021 Edition with certain amendments, as the District's Fire Code; and

WHEREAS, a copy of the proposed Fire Code has been on file with the District for thirty (30) days and has, during that time, been available for public use, inspection, and examination.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Beecher Fire Protection District, Will County, Illinois, as follows:

SECTION 1: The Board finds the statements contained in the preamble to this Ordinance to be true and correct, and hereby adopts them as if written here in full.

SECTION 2: The Fire Prevention Code of the Beecher Fire Protection District (hereinafter referred to as the "Fire Prevention Code") is hereby amended to delete and repeal the present language in its entirety.

SECTION 3: The Fire Prevention Code of the Beecher Fire Protection District is hereby amended to be identical with the provisions of the publication marked and designated as the *International Fire Code*, 2021 Edition as published by the International Code Council, as well as all appendixes, annual supplements thereto, and all referenced standards and codes therein. Each and all of the regulations, provisions, penalties, conditions, and terms of the aforesaid document are hereby referred to, adopted, and made a part hereof, as if fully set out in this Ordinance, with the additions, insertions, deletions, and changes, if any, prescribed in **Exhibit A** of this Ordinance.

SECTION 4: It shall be unlawful to design, construct, alter, enlarge, repair, demolish, remove, use, or maintain any building or structure within the boundaries of the Beecher Fire Protection District in violation of any terms or provisions of this Ordinance or the Fire Prevention Code.

SECTION 5: At least three (3) copies of this Fire Prevention Code shall be placed on file with the District and shall be available for public inspection at all times during regular business hours as provided by law.

SECTION 6: All persons in violation of the Fire Prevention Code shall be subjected to fines as set forth and established in the Codes, this Ordinance, and all otherwise applicable District Ordinances.

SECTION 7: Any person who shall violate any of the provisions of this Ordinance or the Fire Prevention Code hereby adopted or fail to comply therewith, or who shall violate or fail to comply with any order made thereunder, or fail to pay a fee or fine set by this Ordinance or the Fire Prevention Code hereby adopted, or who shall build, install, erect, alter, repair, or do work in violation of any detailed statement of specifications or plans submitted and approved thereunder, or of a permit or certificate used under provisions of the Fire Prevention Code, or who shall fail to comply with such an order as affirmed or modified by the Board of Trustees or the Code Official or by a court of competent jurisdiction, within the time fixed therein, shall severally for each and every such violation and noncompliance respectively, be punishable by a fine of not less than Fifty (\$50.00) Dollars nor more than One Thousand (\$1,000.00) Dollars, plus all legal fees and all costs caused by enforcement. Any such violation shall also be required to be corrected or remedied by all such persons as soon as possible. Each day that prohibited conditions are maintained shall constitute a separate offense. The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions, including the issuance of mandatory injunctions.

SECTION 8: 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 \$50.00 or more than \$1,000.00.

SECTION 9: As an alternative or in conjunction with the imposition of a fine as provided in this Ordinance, the Beecher Fire Protection District may elect to seek injunctive

relief from a court of equity requiring the compliance with the code, demolition of the offending structure, or removal of the offending condition. The Beecher Fire Protection District shall be entitled to an award of reasonable attorney's fees and court costs incurred in enforcing this ordinance through this provision.

SECTION 10: 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**.

SECTION 11: The Board hereby adopts the Plan Review Fee Schedule present in **Exhibit B**, which may be revised by Board from time to time.

SECTION 12: In the event the District enters into, or has entered into, an Intergovernmental Agreement with another unit of local government concerning the enforcement of the Fire Prevention Code, then the standards and requirements of the Intergovernmental Agreement shall apply, and the provisions thereof are incorporated herein by reference, as if fully set out at length herein.

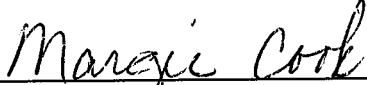
SECTION 13: The Board of Trustees of the District hereby declares that should any section, paragraph, sentence, or word of this Ordinance or of the Code hereby adopted be declared for any reason to be invalid, it is the intent of said Board of Trustees that it would have passed all other portions of this Ordinance independent of the elimination of such portion as may be declared invalid.

SECTION 14: 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 15: 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. All Ordinances in conflict with this Ordinance are hereby repealed to the extent of any such conflict.

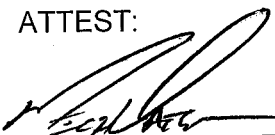
SECTION 16: That this Ordinance shall be in full force and effect from and after its passage, approval, and publication in accordance with the law.

ADOPTED this 15th day of December, 2025.



President, Board of Trustees
Beecher Fire Protection District

ATTEST:



Secretary, Board of Trustees
Beecher Fire Protection District

STATE OF ILLINOIS)
) SS
COUNTY OF WILL)

SECRETARY'S CERTIFICATE

I, the undersigned duly qualified and acting Secretary of the Board of Trustees of the Beecher Fire Protection District, Will County, Illinois, do hereby certify that the attached is a true and correct copy of an Ordinance entitled:

ORDINANCE NO. 0122-26

AN ORDINANCE OF THE BEECHER FIRE PROTECTION DISTRICT, ADOPTING THE 2021 EDITION OF THE *INTERNATIONAL FIRE CODE*, REGULATING AND 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 IN THE BEECHER FIRE PROTECTION DISTRICT, AND PROVIDING FOR THE ISSUANCE OF PERMITS FOR HAZARDOUS USES OR OPERATIONS

which Ordinance was duly adopted: by said Board of Trustees at a regular meeting held on the 22nd day of January, 2026.

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

IN WITNESS WHEREOF, I have hereunto set my hand this 22nd day of January, 2026.



Secretary, Board of Trustees
Beecher Fire Protection District

EXHIBIT A

BEECHER FIRE PROTECTION DISTRICT

AMENDMENTS TO

INTERNATIONAL FIRE CODE, 2021 EDITION

**BEECHER FIRE PROTECTION DISTRICT
AMENDMENTS TO THE INTERNATIONAL FIRE CODE, 2021 EDITION**

IFC Section 101.1 Title

Amended to read:

These regulations shall be known as the Fire Code of the Beech Fire Protection District, Will County, Illinois, hereinafter referred to as "this code."

IFC Section 101.2.1 Appendices

Amended to read:

Provisions in the following appendices shall apply, and are hereby adopted, unless specifically noted otherwise:

- Appendix B Fire-Flow Requirements for Buildings
- Appendix C Fire Hydrant Locations and Distribution
- Appendix D Fire Apparatus Access Roads
- Appendix E Hazard Categories
- Appendix F Hazard Ranking
- Appendix G Cryogenic Fluids-Weight and Volume Equivalents
- Appendix H Hazardous Material Management Plan ("HMMP") and Hazardous Materials Inventory Statement ("HMIS") Instructions
- Appendix I Fire Protection Systems- Noncompliant Conditions

IFC Section 101.2.2 Applicability to One- and Two-Family Dwellings (Group R-3)

Added to read:

The provisions of this code relating to fire protection systems, fire apparatus access, water supply for fire protection, emergency alarm systems, and Fire Department operations shall apply to one- and two-family dwellings (Group R-3) where specifically required by this code or where amended by local ordinance.

IFC Section 103.1 Creation of Agency

Amended to read:

The Beecher Fire Protection District Fire Prevention Bureau is hereby created and the official in charge thereof shall be known as the fire code official. The function of the agency shall be the implementation, administration, and enforcement of the provisions of this code.

IFC Section 111.1 Board of Appeals Established

Deleted and replaced with:

IFC Section 111.1 Appeals

The Beecher Fire Protection District's Board of Trustees shall hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code. The term "board of appeals" in this code shall refer to the District's Board of Trustees. The Board of Trustees shall render all decisions and findings in writing to the appellant.

IFC Section 111.2 Limitations on Authority

The following sentence shall be added after the final sentence of Section 111.2:

Notwithstanding anything to the contrary in this code, the District Board of Trustees may from time to time grant variances from this code's requirements in accordance with its prescribed requirements or otherwise modify the code.

IFC Section 111.3 Qualifications

Deleted

IFC Section 112.4 Violation Penalties

Amended such that the end of the first sentence shall read:

Persons who shall violate any of the provisions of this Ordinance or this code or fail to comply therewith, or who shall violate or fail to comply with any order made thereunder, or fail to pay a fee or fine set by this Ordinance or this code, or who shall build, erect, install, alter, repair, or do work in violation of any detailed statement of specifications or plans submitted and approved thereunder or of a permit or certificate used under provisions of this code, or who shall fail to comply with such an order as affirmed or modified by the Board of Trustees or the Code Official or by a court of competent jurisdiction, within the time fixed therein, shall severally for each and every such violation and noncompliance respectively, be punishable by a fine of not less than Fifty (\$50.00) Dollars nor more than One Thousand (\$1,000.00) Dollars, plus all legal fees and all costs caused by enforcement. Any such violation shall also be required to be corrected or remedied by all such persons as soon as possible. Each day that prohibited conditions are maintained shall constitute a separate offense. The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions, including the issuance of mandatory injunctions.

As an alternative or in conjunction with the imposition of a fine as provided in this Ordinance or this code, the Beecher Fire Protection District may elect to seek injunctive relief from a court of equity requiring the compliance with the code, demolition of the offending structure, or removal of the offending condition. The Beecher Fire Protection District shall be entitled to an award of reasonable attorney's fees and court costs incurred in enforcing this Ordinance or this code through this provision.

IFC Section 113.4 Failure to Comply

Amended to read:

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 \$50.00 or more than \$1,000.00.

IFC Section 202 General Definitions

Amended to add the following definitions, and to the extent of any conflict these definitions shall supersede those already existing in Section 202:

BATTERY TYPES. For the purposes of this code, certain types are defined as follows.

Flow battery. A type of storage battery that includes chemical components dissolved in two different liquids. Ion exchange, which provides the flow of electrical current, occurs through the membrane while both liquids circulate in their respective spaces.

Lead-acid battery. A storage battery that is comprised of lead electrodes immersed in a solution of water and sulfuric acid electrolyte.

Lithium metal polymer battery. A storage battery that is similar to the lithium-ion battery except that it has a lithium metal anode in the place of the traditional carbon or graphite anode.

Lithium-ion battery. A storage battery with lithium ions serving as the charge carriers of the battery. The electrolyte is a polymer mixture of carbonates with an inorganic salt and can be in a liquid or a gelled polymer form. Lithiated metal oxide is typically a cathode and forms of carbon or graphite typically form the anode.

Nickel-cadmium (Ni-Cd) battery. An alkaline storage battery in which the positive active material is nickel oxide, the negative electrode contains cadmium and the electrolyte is a solution of water and potassium hydroxide.

Nickel-metal hydride (Ni-MH). An alkaline storage battery in which the positive active material is nickel oxide, the negative electrode is an intermetallic compound and the electrolyte is usually potassium hydroxide.

Stationary storage battery. A group of electrochemical cells interconnected to supply a nominal voltage of DC power to a suitably connected electrical load, designed for service in a permanent location.

AGRICULTURAL STORAGE BUILDING. A structure used primarily for the storage of agricultural products, feed, seed, grain, fertilizers, hay, straw, or agricultural equipment used in farming operations, and which is not used for manufacturing or processing.

MIX-USE AGRICULTURAL BUILDING. A structure containing agricultural storage in combination with any commercial, retail, assembly, manufacturing, or residential occupancy.

PUBLIC-ACCESS AGRICULTURAL STRUCTURE. Any agricultural building or structure into which members of the public are permitted to enter, including but not limited to farm markets, seasonal retail, agritourism attractions, event barns, corn mazes, and similar uses.

HIGH-HAZARD OCCUPANCY. An occupancy classified as Group H in accordance with the International Fire Code and International Building Code, due to the presence of hazardous materials in quantities exceeding the maximum allowable quantities.

HAZARDOUS MATERIALS. Those chemicals or substances that are physical hazards or health hazards as defined by the International Fire Code, including but not limited to flammable, combustible, toxic, corrosive, oxidizing, reactive, or explosive materials.

IFC Section 311.2.2 Fire Protection

Amended to delete exception no. 1.

IFC Section 316.7 Truss Construction Emblem

Added to read:

The owner of any commercial or industrial structure, or any multi-unit residential structure of three units or more, that uses light-frame truss-type construction shall mark the structure with a truss construction emblem in manner sufficient to warn persons conducting fire control and other emergency operations of the existence of light-frame truss-type construction in the structure. The truss construction emblem shall have a bright and reflective color or be made of reflective material. The shape of the emblem shall be an isosceles triangle and the size shall be 12 inches horizontally by 6 inches vertically. The emblem shall be permanently affixed to the left of the main entrance door at a height between 4 and 6 feet above the ground and shall be installed and maintained by the building owner. The following letters shall be printed on the emblem in a conspicuous size and color: "F" to signify a floor with truss construction; "R" to signify a roof with truss construction; and "F/R" to signify both a floor and roof with truss construction.

IFC Section 403.10.6 Lithium-Ion and Lithium Metal Batteries

Added to read:

An approved fire safety and evacuation plan in accordance with Section 404 shall be prepared and maintained for occupancies that involve activities for the research and development, testing, manufacturing, handling or storage of lithium-ion batteries or lithium metal batteries, or the repair or servicing of vehicles powered by lithium-ion batteries or lithium metal batteries.

Exceptions: A fire safety and evacuation plan is not required for the storage or merchandizing of any of the following:

1. New or refurbished batteries installed for use in the equipment or vehicles they are designed to power.
2. New or refurbished batteries packed for use with the equipment or vehicles they are designed to power for merchandizing purposes.

3. New or refurbished lithium-ion batteries rated at not more than 300 watt-hours and lithium metal batteries containing not more than 25 grams of lithium metal in their original retail packaging.
4. The storage, repair and charging activities in detached one- and two-family dwellings and townhouses, provided that such devices are for personal use.
5. The storage, repair and charging activities associated with personal use in sleeping units and dwelling units of Group R-1 and R-2 occupancies.

IFC Section 403.10.6.1 Mitigation Planning

Added to read:

The approved fire safety and evacuation plan shall include thermal runaway event mitigation measures. These measures shall include activities undertaken to prevent thermal runaway, early detection of a thermal runaway event and mitigation measures to be undertaken to limit the size and impact of the event on occupants and the facility.

IFC Section 503.1 Where Required

Amended to read:

Fire apparatus access roads shall be provided and maintained in accordance with sections 503.1.1-503.1.3. The Fire Code Official shall require and designate public and private fire lanes as deemed necessary for effective and efficient operation of fire apparatus.

IFC Section 503.1.1.3 Public/Private Access for Fire Apparatus

Added to read:

Public or private access for all occupancy classification with the exception of R-3 shall be provided for fire apparatus when the building is three stories or higher. Fire lanes for an aerial ladder and/or mechanically elevated mechanism shall be required to cover three-quarters of all exterior building walls.

IFC Section 503.2.1 Dimensions

Amended to read:

The minimum width of fire lanes shall be 20 feet and an inside radius of 45 feet shall be provided to accommodate vehicles when turning. The fire lanes shall be placed 25 feet from the building to the edge of the fire lane or 35 feet to the center of the fire lane to the building. Public parking areas used as fire lanes shall have 25 feet to the rear of parking spaces to the building and 24 feet of open area to the rear of the parking spaces. Fire lanes shall have an unobstructed vertical clearance of not less than 15 feet. The road shall be constructed with the capability to handle 80,000 pounds.

IFC Section 503.2.4 Turning Radius

Amended to read:

The required turning radius for a fire apparatus access road shall be determined by the Fire Code Official. Fire lane turn around shall have an inside radius of 45 feet and shall have a driving area width of 27 feet in order to accommodate vehicles.

IFC Section 503.2.5 Dead Ends

Amended to read:

Dead end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved area for turning around fire apparatus. All cul-de-sacs shall have a minimum diameter of 90 feet if parking is allowed.

IFC Section 503.7 Fire Lanes, Fire Apparatus Roads

Added to read:

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 and ice.

IFC Section 505.1 Address Identification

Amended to read:

New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property and rear roadways. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out.

For one- and two-family dwellings and small commercial occupancies, each character shall be not less than four (6) inches high with a minimum stroke width of one-half (1/2) inch.

For industrial occupancies and commercial buildings exceeding 10,000 square feet in total fire area, each character shall be not less than six (6) inches high with a minimum stroke width of one-half (1/2) inch.

Where required by the Fire Code Official, address identification shall be provided in additional approved locations and size to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole, or sign shall be used to identify the structure. Address identification shall be maintained.

IFC Section 505.3 Door and Entrance Identification

Added to read:

Where determined by Fire Code Official all man doors and overhead doors shall be marked with Arabic numbers and/or alphabetical letters. The size will be determined by the Fire Code Official, typically 4-6 inches high with stroke width of 1/2. The door markings shall be approved by the Fire Code Official. Examples include, but are not limited to:

- 1) Unit, Suite, and apartment identification
 - Clearly post unit numbers, suite numbers, apartment numbers, or alphabetical identifiers on both the front and rear doors of each space and business names shall be identified on the front and rear doors of buildings.
- 2) Man doors / exterior exit doors

- Number doors sequentially starting at the main entrance or primary front door as #1, then proceed clockwise around the building.
- Add an alphabetical letter after the number to indicate the compass direction the door faces:
- Example: 1S, 2S, 3W, 4W, 5N, 6N, 7E, 8E.

3) Overhead doors

- Number starting at the first overhead door closest to the main entrance/front door as 91, then proceed clockwise around the building.
- Add an alphabetical letter to indicate the compass direction the door faces.
- Example: 91W, 92W, 93W, 94N, 95E, 96E, 97E.

IFC Section 505.1.1 Locks

Amended to read:

An approved lock shall be installed on gates or similar barriers where required by the fire code official. The type of key box approved for use by the Beecher Fire Protection District is the Knox Box brand key vault / rapid entry system or Knox padlock. The Beecher Fire Protection District shall be in complete control of key box and rapid entry system authorization and operation. The Beecher Fire Protection District shall not be required to purchase or sell any key box or rapid entry system products. The size of the required Knox Box will be based upon the number of keys to be secured in the box and will be at the discretion of the Fire Code Official.

IFC Section 507.3.1 Fire Flow Method

Added to read:

The approved fire flow method shall be determined by utilizing IFC Appendix B Fire-Flow Requirements for Buildings.

IFC Section 507.3.2 Fire Flow Design for Combined Fire Sprinkler and Fire Hydrant System

Added to read:

This section shall apply to sites and facilities that utilize on-site water storage that feeds both the fire sprinkler system and the fire hydrants, when the fire hydrants are fed from the sprinkler system, or when the fire hydrants and fire sprinkler system utilize a common water service to the water purveyor's system.

A submittal to the Fire Code Official of the available site fire flow when the fire sprinkler system is fully operational. If the fire flow available is less than as required per IFC 507.3.1 than arrangements shall be made to provide the minimum flow or at a rate determined by the Fire Code Official. Otherwise, the fire code official shall evaluate the departments standard operating procedures and building size up to determine if the fire flow available is to be considered sufficient.

IFC Section 510.1.1 Emergency Responder Communication Coverage System Evaluation

Added to read:

New Education (E), Institutional (I), or High Hazard (H) Occupancy, any building(s) that is of four stories or more, any building(s) that is two (2) or more stories below grade, any building(s) that have a footprint of two hundred and fifty thousand square feet (250,000 sq. ft.) shall provide an evaluation from the designer on whether the building shall require an Emergency Responder Communication Coverage (ERCC) system. The evaluation shall provide information on the feasibility of the site and if an ERCC system is necessary. The results of said evaluation should be reflected in the primary construction documents.

IFC Section 511 Automatic External Defibrillator ("AED")

Added to read:

All Public Assembly occupancies with an occupant load of one hundred (100) or greater shall be equipped with AEDs so that they optimally achieve a 3-minute response time from the collapse of a patient to on-scene arrival of the AED with a trained lay rescuer, in accordance with the American Heart Association recommendations and the following conditions: The installations of AEDs are a life safety device and the maintenance of the device shall be the responsibility of the owner of the Certificate of Occupancy. It shall be the responsibility of the owner to train its employees in Cardio Pulmonary Resuscitation and the use of AEDs in accordance with the Guidelines of the American Heart Association or the Red Cross. Training and equipment maintenance records shall be kept on premises and be available to the Fire District upon request. AEDs shall be mounted in an accessible spot free from blocking by storage and equipment. The top of the AED shall be not more than 5 ft (1.5 m) above the floor. The AED should be easy to reach and remove and should be placed where it will not be damaged -- on hangers or in the brackets supplied by the manufacturer, mounted in cabinets, or placed on shelves.

IFC Section 603.11 Emergency Disconnect Switch

Added to read:

An electric Knox shunt/shut off switch shall be required in buildings of all use groups with multiple electric panel rooms and/or buildings having 400 ampere service or greater. Switch will be mounted at a location specified by the Fire Code Official. Switch to be mounted at a height of five feet from the finished floor.

IFC Section 604.1.1 Automatic Elevators for Fire Department Use

Added to read:

One elevator to be installed in all new buildings shall be sized for stretcher use by the Fire District. Minimum weight capacity to be 2500 pounds with a clear inside dimension of 6'8" wide by 4'3" deep with 42" door.

IFC Section 604.8 Elevator Phone

Added to read:

All required emergency elevator phones shall directly dial the Beecher Fire Protection District's communications center via the phone number designated by the Fire Code Official.

IFC Section 901.11 Fire Alarm Installers

Added to read:

Under IDFPD regulations, anyone performing fire alarm system installation, repair, or modification work must hold a Private Alarm Contractor's License. An exception applies for work performed by Licensed Electrical Contractors, who may perform this work without obtaining the Private Alarm Contractor's License.

IFC Section 901.12 Alarm Requirements

Added to read:

All existing buildings equipped throughout with an approved automatic fire suppression system complying with NFPA 13, shall be required to have manual fire alarm system. New buildings required to be equipped throughout with an automatic fire suppression system complying with NFPA 13, also shall be equipped with a manual and automatic fire protective signaling system complying with NFPA 72.

IFC Section 901.13 Multi-Tenant Occupancy

Added to read:

When an automatic suppression system is installed in a multi-tenant building, each tenant shall have its own sprinkler supply line off the main or riser with its own water flow switch and control valve. A strobe light shall be mounted on the exterior front of that tenant. The strobe light shall activate upon water flow and/or fire alarm activation within the individual unit.

IFC Section 901.14 Alarm Activations

Added to read:

Upon activation of a fire alarm system, the system shall not be reset (restored to a secured or clear condition) by any person until Fire District personnel are on the scene and direct the system to be reset.

IFC Section 902 Total Area

Added to read:

For purposes of calculating total square feet and fire areas, the total floor area includes mezzanines and basements contained within the surrounding exterior walls of the building on all floors and levels, which are added together. The area included within the surrounding exterior walls of a building including roof overhangs, extensions, and all enclosed extensions, which are also added to the calculation. Areas of a building not provided with surrounding walls shall be included within the building area if such areas are included within the horizontal

projection of the roof or floor above. Interior walls, including fire walls, and party walls, shall not be considered as walls which divide a structure into two or more separate buildings, but a structure containing such interior walls shall be considered as one building for the purpose of this section.

IFC Section 903.2.1.1 Group A-1

Amended to read:

An automatic sprinkler system shall be provided throughout all Group A-1 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.1.2 Group A-2

Amended to read:

An automatic sprinkler system shall be provided throughout all Group A-2 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.1.3 Group A-3

Amended to read:

An automatic sprinkler system shall be provided throughout all Group A-3 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.1.4 Group A-4

Amended to read:

An automatic sprinkler system shall be provided throughout all Group A-4 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.1.5 Group A-5

Amended to read:

An automatic sprinkler system shall be provided throughout all Group A-5 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic

sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.1.5.1 Spaces under Grandstands or Bleachers

Amended to read:

Enclosed spaces under grandstands or bleacher shall be equipped with an automatic sprinkler. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.2 Ambulatory Care Facilities

Amended to read:

An automatic sprinkler system shall be provided throughout all ambulatory care facilities. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.3 Group E

Amended to read:

An automatic sprinkler system shall be provided throughout all Group E occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.4 Group F-1

Amended to read:

An automatic sprinkler system shall be provided throughout all Group F-1 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.4.1 Woodworking Operations

Amended to read:

An automatic sprinkler system shall be provided throughout all Group F-1 occupancies that contain woodworking operations. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full

operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.4.3 Group F-1 Upholstered Furniture or Mattresses

Amended to read:

An automatic sprinkler system shall be provided throughout all Group F-1 occupancies with upholstered furniture or mattresses. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.6 Group I

Amended to read:

An automatic sprinkler system shall be provided throughout all Group I occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.7 Group M

Amended to read:

An automatic sprinkler system shall be provided throughout all Group M occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.7.2 Group M Upholstered Furniture or Mattresses

Amended to read:

An automatic sprinkler system shall be provided throughout all Group M occupancies with furniture or mattresses. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.8 Group R

Amended to read:

An automatic sprinkler system shall be provided throughout all Group R-1, R-2 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic

sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.8.5 Group R-3 One- and Two-Family Dwellings

Added to read:

An automatic sprinkler system shall be installed in one- and two-family dwellings (Group R-3) that contain a fire area equal to or exceeding five thousand five hundred (5,500) square feet.

Exception: An automatic sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic sprinkler system.

IFC Section 903.2.8.5.1 Design and Installation

Added to read:

Automatic sprinkler systems shall be designed and installed in accordance with Section P2904 of the International Residential Code or NFPA 13D.

IFC Section 903.2.9 Group S-1

Amended to read:

An automatic sprinkler system shall be provided throughout all Group S-1 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.9.1 Repair Garages

Amended to read:

An automatic sprinkler system shall be provided throughout all repair garages. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.9.4 Group S-1 Upholstered Furniture and Mattresses

Amended to read:

An automatic sprinkler system shall be provided throughout all Group S-1 occupancies. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.10 Group S-2 Parking Garages

Amended to read:

An automatic sprinkler system shall be provided throughout all Group S-2 parking garages. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.10.1 Commercial Parking Garages

Amended to read:

An automatic sprinkler system shall be provided throughout all commercial parking garages. Automatic sprinkler systems shall be installed in accordance with applicable NFPA standards, manufacturer's recommendations, UL listings, and good fire safety practices. Automatic sprinkler systems shall always be maintained in full operating condition. The use of fire barriers and fire walls shall not be used to reduce the area of application of this section.

IFC Section 903.2.11 Agricultural Storage

Added to read:

An automatic sprinkler system shall be provided throughout agricultural storage buildings where any of the following conditions exist:

1. The building is classified as a mixed-use agricultural building.
2. The building is classified as a public-access agricultural structure.
3. The building is used for the storage of hazardous materials or classified as a high-hazard occupancy.

IFC Section 903.2.12 Sprinkler System Exemptions

Added to read:

Notwithstanding anything to the contrary in this code, automatic fire sprinkler protection shall *not* be required for the following, provided all applicable conditions of this code are met:

1. Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries, and standby engines, provided such spaces or areas are equipped throughout with an automatic fire alarm system and are separated from the remainder of the building by fire barriers consisting of not less than a 1-hour fire-resistance-rated wall and 2-hour fire-resistance-rated floor/ceiling assemblies.
2. Detached gazebos, temporary tents, and ramadas for residential and public use.
3. Guardhouses that are less than three hundred (300) square feet in fire area when of combustible construction, or six hundred (600) square feet or less in fire area when of non-combustible construction, used to control access to or within residential and/or commercial developments.

4. Detached non-combustible canopies used exclusively for automotive or motor fuel dispensing stations, and detached non-combustible carports or parking canopies.
5. Detached equipment or storage buildings for commercial use not exceeding three hundred (300) square feet in fire area, or six hundred (600) square feet in fire area where constructed of non-combustible materials and located more than twenty (20) feet from the principal commercial structure.
6. Factory-built buildings utilized as temporary office buildings, including but not limited to real estate leasing offices and construction offices.
7. Detached accessory buildings serving one- and two-family dwellings (Group R-3) shall *not* be required to be provided with automatic fire sprinkler protection where *all* of the following conditions are met:
 - 7.1 The building is not used for dwelling or sleeping purposes.
 - 7.2 The building is single-story.
 - 7.3 The building does not contain a basement.
 - 7.4 The building is not classified as a High Hazard Use Group.
 - 7.5 The building is not used for high-hazard products or hazardous materials storage.
 - 7.6 The building maintains a minimum separation distance of twenty (20) feet from all other buildings.
 - 7.7 The total fire area does not exceed five thousand five hundred (5,500) square feet.

IFC Section 903.3.7 Fire Department Connections

Amended to read:

The location of the Fire Department connection shall be approved by the Fire Code Official. The Fire Department connection shall consist of one four-inch Storz coupling on a 30-degree elbow mounted between 36 inches and 48 inches above the finished floor.

IFC Section 903.4 Sprinkler System Supervision and Alarms

Amended to delete exceptions no. 2, 4, and 5.

IFC Section 903.4.1 Monitoring

Amended to read:

All required fire protection system monitoring shall be transmitted directly to the Beecher Fire Protection District Dispatch Center unless otherwise approved in writing by the Fire Code Official, in accordance with NFPA 72.

IFC Section 903.7 Outside Access Door

Added to read:

An outside access door to the sprinkler riser valve room and fire pump room shall be provided.

IFC Section 903.8 Warehouse Storage

Added to read:

In all warehouse storage areas where storage exceeds 12' high, provide inside 2 ½" fire hose valves. Locate the valves at each door entrance to the warehouses and/or storage area. Provide additional 2 ½" fire hose valves so that no portion of the warehouse and/or storage area is more than 120' maximum travel distance to a fire hose valve. Show the location of all obstructions and/or racks on the drawing. The fire hose valves system piping shall be:

- 1) A separate riser piping system.
- 2) The 2 ½" valves shall be supplied by a minimum 4" with 2 ½" drops to each valve.
- 3) Where system pressures exceed 100 psi provide Potter reduced pressure field adjustable type valves.
- 4) System shall be designed to 500 GPM minimum.

IFC Section 905.3.1.1 Building Area

Added to read:

Class I standpipe systems shall be installed in all buildings two stories or greater and or where any portion of the building's interior area is more than 150 feet of travel, vertically and horizontally, from the main entrance of the building or Fire Department vehicle access point.

IFC Section 906.5.1 Extinguisher Locations

Added to read:

Fire extinguishers shall be located within 5 feet of each exit door. All other areas shall have fire extinguishers installed in accordance with NFPA 10.

IFC Section 907.1.4 Fire Alarm Panels

Added to read:

All fire alarm control panels shall be listed by Underwriters Laboratories and/or Approved by NFPA for use with remote station monitoring. All panels shall have single button silence and reset functions. All fire alarm control panels shall have outputs for: supervisory, water flow, and direct connect reverse polarity connections.

IFC Section 907.2 Where Required in Buildings

Amended to read:

An approved manual, automatic or manual and automatic Addressable Fire Alarm System installed in accordance with the provisions of this code and NFPA 72 shall be provided in new and existing buildings and structures in accordance with Section 907.2.1 through 907.2.23

and provide occupant notification in accordance with section 907.5, unless other requirements are provided by another section of this code. Where automatic sprinkler protection installed in accordance with Section 903.2 is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required. Fire Alarm Panels shall have single button silence and reset functions. A remote full function annunciator panel with keyed access shall be required by the Fire Code Official if the main fire alarm panel is not located by the front entrance of the occupancy/structure.

IFC Section 907.2.1 Group A

Amended to read:

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

IFC Section 907.2.2 Group B

Amended to read:

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

IFC Section 907.2.3 Group E

Amended to read:

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

IFC Section 907.2.4 Group F

Amended to read:

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

IFC Section 907.2.5 Group H

Amended to read:

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

IFC Section 907.2.6 Group I

Amended to read:

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

IFC Section 907.2.6.1 Group I-1

Amended to delete exception no. 1.

IFC Section 907.2.6.2 Group I-2

Amended to read:

An automatic and manual fire alarm system shall be installed in all Group I-2 occupancies in accordance with NFPA 72.

IFC Section 907.2.6.3 Group I-3

Amended to read:

An automatic and manual fire alarm system shall be installed in Group I-3 occupancies in accordance with NFPA 72.

IFC Section 907.2.7 Group M

Amended to read:

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

IFC Section 907.2.8 Group R-1

Amended to read:

An automatic and manual fire alarm system shall be installed in Group R-1 occupancies in accordance with NFPA 72.

IFC Section 907.2.9 Group R-2

Amended to read:

An automatic and manual fire alarm system shall be installed in Group R-2 occupancies in accordance with NFPA 72.

IFC Section 907.2.10 Group S

Amended to read:

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

IFC Section 907.2.13.1.2 Duct Smoke Detectors

Amended to read:

Duct smoke detectors shall be connected to the building's fire alarm control panel when a fire alarm system is provided. Activation of a duct smoke detector shall initiate a visible and audible fire signal and shut down the individual units. Duct smoke detectors shall not be used as a substitute for required open area detection. Duct smoke detectors shall be required in all air handling units 2000 CFM or greater. All test switches shall be labeled and installed in a proximate area near the Fire Alarm panel no more than six feet above finished floor or as

determined by the Fire Code Official. All duct detectors should be labeled in correlation with the HVAC units and clearly marked on the inside ceiling, visible from the floor. All rooftop units will be visibly marked from the roof/scuttle access point.

IFC Section 907.6.4 Zones

Amended to read:

Each floor shall be zoned separately, and a zone shall not exceed 10,000 square feet. The length of any zone shall not exceed 200 feet in any direction; a zoning indicator panel and the associated controls shall be provided in an approved location. The visual zone indication shall lock in until the system is reset and shall not be cancelled by the operation of a public alarm - silencing switch. A separate zone by floor shall be provided for the following types of alarm initiating devices where provided:

- A. Detection devices.
- B. Sprinkler water-flow alarms.
- C. Manual fire alarm boxes.
- D. Each tenant space in multi-tenant occupancies, and
- E. Other approved type of automatic fire detection devices or suppression systems.

IFC Section 907.6.6 Monitoring

Amended to read:

Fire alarm systems required by this chapter, by the *International Building Code*, or by a separate pronouncement of the District's Board of Trustees or authority having jurisdiction shall, in accordance with NFPA 72, be directly connected to Laraway Communications Center, which operates a remote supervising station at 16911 W Laraway Road, Joliet, Illinois 60433, unless otherwise approved in writing by the Fire Code Official. Subscribers to the Wireless Alarm Network shall use equipment prescribed by Laraway Communications Center.

The method of connecting directly to the remote supervising station shall be by the Laraway Communications Center Wireless Alarm Network or other alternate connection means as approved by the Fire Chief.

All connections to the Laraway Communications Center Wireless Alarm Network shall be preceded by an application process. The District shall provide to owners, agents or occupants of buildings within the District requiring or requesting connection to the Laraway Communications Center remote supervising station, forms and contracts which shall be completed and returned to the District prior to the District's approval of the connection of a fire alarm system to the Laraway Communications Center Wireless Alarm Network.

Each fire alarm system within the District shall be registered. Registration of the fire alarm system is intended to provide the District with information related to the fire alarm system including, but not limited to, its owner, the responsible party, night/after hour call information, fire alarm maintenance contractor, and the results of the annual fire alarm inspection. Each fire alarm system owner shall complete a registration form provided by the District at the time of initial connection to the wireless network, and annually when the fire alarm system is inspected and tested in accordance with NFPA 72.

All fire alarm systems shall be subjected to annual and periodic testing in accordance with NFPA 72. The results of all required tests shall be recorded and shall be provided to the District as part of the annual registration renewal. It is the responsibility of the owner of the fire alarm control panel within the premise to provide the required annual and periodic testing.

Subscribers shall allow the Laraway Communications Center vendor to have access to the radio transceiver during normal business hours for all required and necessary installation, annual and necessary maintenance, testing, and repair.

IFC Section 912.1.1 Fire Department Connections

Added to read:

The location of the Fire Department connection shall be approved by the Fire Code Official. The Fire Department connection shall consist of one four-inch Storz coupling with a 30-degree elbow mounted between 36 inches and 48 inches above the finished floor.

IFC Section 912.2 Location

Amended to read:

With respect to hydrants, driveways, buildings and landscaping, Fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. Fire Department connections shall be located within 75 feet of a fire hydrant at a location approved by the Fire Code Official.

IFC Section 1013.1 Where Required

Amended to delete exception no. 2.

IFC Section 1205.5.2 Accessibility

Added to read:

Unobstructed access shall be required to all areas of the solar facility. Fire lanes shall be positioned to ensure no area of the facility is more than 600 feet walking distance from a fire apparatus staging location unless otherwise approved by the Fire Code Official. Access shall be provided via Knox padlock, Knox keyed gate switch and/or Knox Box type and locations to be determined by Fire Code Official.

IFC Section 1205.5.3 Fire Lanes

Added to read:

Fire Lanes and access roads shall be installed and made serviceable prior to commencement of construction of the facility. Pervious fire lanes will be considered but shall meet all listed requirements. Edge markers are required for pervious lanes adjacent to impervious surfaces. Shall be 4 to 6 feet tall with reflective panels at the top. Installed every 50 feet along both sides of fire lanes and at turnaround ends.

Fire Lane Specifications:

Load Capacity: Minimum of 80,000 lbs. to support fire apparatus.

Width: Minimum of 20 feet.

Clear Height: Minimum of 15 feet.

Turnarounds: Required every 600 feet and at the end of dead-end fire lanes.

Turning Radius: Minimum 45 feet (inside radius).

Turnaround Width: Minimum 27 feet driving area with a 45-foot inside radius.

IFC Section 1205.5.4 Signage

Added to read:

Designated access points shall be marked with signage easily visible by first responders in an acceptable way determined by the Fire Code Official. Solar array rows shall be marked with numbers and/or letters in an acceptable way determined by the Fire Code Official. All above ground electrical connection points shall be identified at the connection point with a sign "Danger High Voltage" size and locations to be determined by the Fire Code Official. All buildings or enclosures containing electrical equipment shall be marked with signage on the exterior enclosure in an acceptable way determined by the Fire Code Official. At the main gate or location determined by Fire Code Official there shall be a sign displayed with company name, facility full address and the 24/7 emergency phone number with letters and numbers 4" in height with $\frac{1}{2}$ stroke width. Address signage shall be visible from the street and sign numbers 6" in height with a $\frac{1}{2}$ " stroke width.

IFC Section 1205.5.5 Safety

Added to read:

All mechanical drive shafts, equipment, electrical wires, or any other hazard identified by the Fire Code Official shall be shielded and/or marked in a method approved by the Fire Code Official. If determined by Fire Code Official a Knox remote power disconnect shall be installed at locations determined by Fire Code Official.

IFC Section 1205.5.6 Solar Facility Electrical

Added to read:

All electrical wiring inside the facility shall be buried.

IFC Section 1207.12 Onsite Water Supply for Energy Storage Systems

Added to read:

For lithium-ion energy storage systems with an aggregate nameplate rating exceeding 600 kWh, an approved water supply shall be provided for firefighting operations. The supply shall consist of one of the following:

1. A connection to a municipal water system capable of providing a minimum of 750 gallons per minute (gpm) for a duration of 8 hours; or
2. Onsite water storage dedicated exclusively to fire protection with a minimum capacity of 360,000 gallons, arranged to deliver the required flow.

Exception: Where an alternative fire suppression or cooling system has been approved by the Fire Code Official, onsite water supply may be reduced.

IFC Chapter 80 Referenced Standards

The following standard shall be added:

NFPA 855 (2023 Edition). Standard for the Installation of Stationary Energy Storage Systems.

EXHIBIT B

BEECHER FIRE PROTECTION DISTRICT

PLAN REVIEW FEE SCHEDULE

PLAN REVIEW FEE SCHEDULE

Notwithstanding anything to the contrary in this code, any applicant for a building or other permit shall pay to the District and the District will charge the following fees for performing plan reviews and all required inspections for new construction, renovations including building additions within the district. One complete set of plans, including all cut sheets, in digital format shall be submitted to the District's Fire Prevention Bureau.

A. Plan Review Fees (Fire Code): New construction, additions, remodeling and tenant build outs within the Beecher Fire Protection District.

Cubic Feet	Basic Plan Review Fee
0 to 30,000 cubic feet	\$215.00
30,000 to 60,000 cubic feet	\$240.00
60,001 to 80,000 cubic feet	\$262.50
80,001 to 100,000 cubic feet	\$300.00
100,001 to 150,000 cubic feet	\$387.50
150,001 to 200,000 cubic feet	\$437.50
Over 200,001	\$450.00 plus \$4.25 (per 10,000 cubic feet)

B. Sprinkler System Inspection Fees:

Sprinkler Heads	Fee
1 to 100	\$525.00
101 to 200	\$575.00
201 to 300	\$700.00
301 to 500	\$900.00
Over 500	\$900.00
501 to 1000	\$900.00 plus \$1.25 per head
1,001 to 20,000	\$900.00 plus \$1.00 per head
Over 20,001	\$900.00 plus \$0.75 per head
Modifications (1-20 sprinkler Heads)	\$250.00
Modifications (21-40 sprinkler Heads)	\$350.00
Residential Systems (NFPA 13D)	\$240.00

C. Fire Alarm Systems:

Fire Alarm Devices	Fee
1 to 20 Devices	\$215.00
21- to 40 Devices	\$425.00
41 to 60 Devices	\$700.00
61 to 80 Devices	\$800.00
81 to 100 devices	\$900.00
Over 101 Devices	\$1000.00 plus \$5.00 per device over 100

D. Hood Suppression:

With 15 or flow points	\$215.00 per system
With 16-29 flow points	\$270.00 per system
With 30 flow points or more	\$320.00

E. Chemical Suppression Systems:

Excluding hood suppression	\$350.00 plus alarm fees
Carbon Dioxide / Clean Agents	\$175.00 for up to 105 pounds of agent
Carbon Dioxide / Clean Agents	\$1.00 for each pound over 105 pounds of agent

F. Dedicated Fire Hydrant or Standpipe System:

\$25.00 per valve	\$300.00 Minimum
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G. Emergency Radio Communication Coverage (ERCC):

\$0.005 per square foot	\$600.00 Minimum
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H. Fire Pump Fees: A fee of \$100 shall be paid for the inspection of a fire pump.

I. Special Fees: A fee of up to \$500.00 shall be paid for items requiring reviews and inspections not specifically identified.

J. Carnival and Amusement Ride Fees: A fee of \$25.00 per ride shall be paid for the inspection of carnival rides. A reinspection fee of \$25.00 per ride shall apply.

K. Fireworks Displays: A fee of \$100.00 shall be paid for the review and site inspection of any fireworks display.

L. Solar Farms: A fee of \$500.00 shall be paid for the review and 3 inspections of Solar facilities.

M. Mobile Food Vehicle: A fee of \$40.00 shall be paid for an annual Inspection / Permit.

N. Special Event: A fee of \$100.00 shall be paid for permit review and pre-event inspections.

O. Site Plan- New Development: A fee of \$100.00 shall be paid for preliminary site reviews and preconstruction meetings

P. Revised Plan Review: Revised plan reviews are 50% of original fee.

Q. Re-inspections: A fee of \$75.00 shall be paid for each re-inspection.

R. Outside Plan Reviews: When it is determined by the fire code official that a plan review requires an independent contractor, the fees will be determined by the contractor and paid directly to the contractor. A permit fee of \$100.00 shall be paid to the district for administration costs and inspection fees.