

AMENDMENTS

TO THE

2009 INTERNATIONAL FIRE

CODE

Barrington Countryside Fire
Protection District

Last Revised: October 21, 2019

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EHHIBIT A

FIRE PREVENTION CODE

(a) *Adopted.* There is hereby adopted by reference as if fully set out herein that certain code known as the 2009 edition of the *International Fire Code*, as published by the International Code Council, Inc., including Appendix Chapters B and E through J inclusive together with the additions, insertions, deletions and changes hereinafter set forth, one (1) copy of which has been on file for a period of more than (30) days prior to the adoption of this section and is now on file in the principal office of the Barrington Countryside Fire Protection District.

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

SECTION 101

ADMINISTRATION – GENERAL

101.1: Title. Insert “Barrington Countryside Fire Protection District” where indicated.

101.2.2: is added to read as follows:

101.2.2: Name Change: Anywhere in this code where the term “Fire Code Official is used it shall mean the Barrington Countryside Fire Protection District.”

101.5.1: is added to read as follows:

101.5.1: Conflicting code information: In the event this code or any portion thereof shall be in conflict with another code or portion thereof on the same subject matter the more stringent code shall apply.

SECTION 102

APPLICABILITY

102.3: is amended to read as follows

102.3: Change of occupancy. A change of use or occupancy shall not be made to any building or tenant space without the approval of the Fire Code Official. The Fire Code Official shall certify that such building or tenant space meets the provisions of the laws governing building construction for the proposed new use or occupancy. The building is required to comply with the fire protection requirements of the code.

SECTION 104

GENERAL AUTHORITY AND RESPONSIBILITIES

104.6.5: is added to read as follows:

104.6.5: Written request for records. Any person wanting records from the Fire Prevention Bureau must submit in writing on the Barrington Countryside Fire Protection District Written Request for records form.

104.11.: 4 is added to read as follows:

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

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

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

104.11.4.3: Recovery of cost. The Fire Official shall cause proper action to be instituted against the owner of the premises, and the occupants if different from the owners, for the recovery of costs incurred by the Barrington Countryside Fire Protection District or their agents in performance of the emergency work.

SECTION 105

PERMITS

105.1.4: is added to read:

105.1.4: Permit Fees. Fees are per the applicable Barrington Countryside Fire Protection District's fee schedule found in Attachment B.

105.2.4: amend by adding the following:

105.2.4: Cost for such inspections, research and test, are the responsibility of the applicant.

SECTION 105

PERMITS (CONTINUED)

105.3.9: is added to read as follows:

105.3.9: Certificate of occupancy. The Code Official shall issue a certificate of occupancy only if, after inspection, he or she finds that such building or tenant space complies with the provisions of this Ordinance and all other Ordinances of the Barrington Countryside Fire Protection District and that said building or tenant space has been completed in accordance with the approved plans and documents filed in support of the Application for Building Permit relating to said building or tenant space. Such Certificate shall show the permitted use for the building or tenant space.

In accordance with the Barrington Countryside Fire Protection District's fee schedule, all outstanding fees shall be paid in full, prior to issuance of a certificate of occupancy by the Code Official.

105.4.4: is amended to read as follows:

105.4.4: Approved Documents. Construction documents approved by the Fire Code Official are approved with the intent that such construction documents comply in all respects with this code. Review and approval by the Fire Code Official shall not relieve the applicant of the responsibility of compliance with this code. Approval or disapproval shall be address in letter form and forwarded to the appropriate County, or Village building department having jurisdiction, stating reason(s) for disapproval or all requirements to be met prior to occupancy.

SECTION 108

BOARD OF APPEALS

108.1: Is amended to read:

108.1: Board of appeals established. In order to hear and decide appeals of orders, decisions or determinations made by the Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals consisting of members who are qualified by experience and training to pass on matters pertaining to this code and who are not employees of the jurisdiction. The 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 Fire Chief and the board of trustees of the Barrington Countryside Fire Protection District. The board shall adopt rules of procedure for conducting business, and shall render all decisions and findings in writing to the applicant with a duplicate copy to the Code Official.

SECTION 109

VIOLATIONS

109.3 is amended to read as follows:

109.3: Violation Penalties. 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 used under the provisions of this code, shall be guilty of an ordinance violation punishable by a fine of not less than fifty (\$50.00) Dollars nor more than one Thousand (\$1000.00) Dollars, plus all legal fees and all cost caused by enforcement. Such fees and costs shall include, but not limited to, staff costs of inspections or re-inspections, legal fees, and staff cost of enforcement. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

SECTION 110

UNSAFE BUILDINGS

110.5 is: added to read:

110.5: Fire Watch. Where conditions exist that are deemed hazardous to life and property by the code official, a fire watch shall be implemented. The Code Official shall determine the number of personnel required and the duration necessary for the fire watch. A fee of \$75.00 per hour for each Barrington Countryside Fire Protection District personnel assigned to the fire watch shall be charged. Conditions that may require a fire watch shall include, but are not limited to, the following:

- A. Newly constructed building opened for occupancy prior to completion of the fire safety equipment and supervision;
- B. Building in which the fire safety equipment and supervision is placed out-of-service and will not be restored within two (2) hours;
- C. Building with an occupancy load greater than the posted numbers.
- D. Special programs or events where there will be space for standing room over the seated area and exits will handle both seated and standing people; and
- E. Situations where the fire-load is greater than the normal day to day operation.

SECTION 111

STOP WORK ORDER

111.4: added to read as follows:

111.4: Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that a person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than fifty (\$50.00) dollars or more than one thousand (\$1000.00) dollars.

SECTION 202

GENERAL DEFINITIONS

- A. Wherever the words "Fire Prevention Ordinance, "Fire Prevention Code", "the Ordinance" or "Code:" are used herein they shall be held to mean this Ordinance in its entirety, including the codes adopted by reference herein.
- B. Whenever the terms " authority having jurisdiction," Chief of the Fire Prevention Bureau," Fire Official," "Code Official," "Fire Marshall," or "Fire Prevention Bureau" is used in this ordinance it shall be held to mean the "Fire Chief."

Certificate of Use and Occupancy is added to read as follows:

Certificate of Use and Occupancy: The certificate issued by the Code Official which, permits the use of the building or tenant space in accordance with the approved plans and specifications and which certifies compliance with the provisions of law for the use and occupancy of the building or tenant space in its several parts together with any special stipulations or conditions of the building permit.

Change of Occupancy is amended to read as follows:

Change of Occupancy: The change in purpose for which a building or part thereof is used or intended to be used including a change in tenants or tenant space.

Change of Use is added to read as follows:

Change of Use: An alteration by change of use in a building or tenant space heretofore existing to a new use group which imposes other special provision of law governing building construction, equipment or means of egress.

SECTION 202

GENERAL DEFINITIONS (CONTUNIED)

Construction New is added to read as follows:

Construction New: Additions, alterations or repairs to any structure in excess of 50 percent of the structures market value shall require that the existing structure shall comply with all the requirements of this code. Additions to any structure which enlarge the structure in excess of 50 percent in area of the existing structure shall require that the entire structure shall comply with all requirements of this code.

Fire Watch is amended to read as follows:

Fire Watch: A temporary measure intended ensure continuous and systematic surveillane of a building or portion thereof by one or more qualified Barrington Countryside Fire Protection personnel, for the purpose of identifying and controlling fire hazards, detecting early signs of unwanted fire, and raising an alarm of fire and notifying the fire department.

SECTION 304

COMBUSTIBLE WASTE MATERIAL

304.1.1.1: is added to read:

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

304.2.1: is added to read:

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

SECTION 307

OPEN BURNING AND RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES

307.4.1: is amended to read:

307.4.1: Bonfires. A bonfire shall not be conducted within 50 feet of a structure or combustible material. Conditions which could cause said fire to spread within 50 feet of a structure or combustible materials shall be eliminated prior to ignition. Bonfires shall not exceed 4 feet in diameter and/or 16 square feet. Bonfires may only contain cut, natural wood.

307.4.2: is amended to read as follows:

307.4.2: Recreational Fires. Recreational fires shall not be conducted within 15 feet of a structure or combustible materials. Conditions which could cause a fire to spread within 15 feet of a structure or combustible material shall be eliminated prior to ignition. Recreational fires shall be contained in a manufactured, outdoor fireplace/pit. Containers for recreational fires shall be no greater than 30 inches in diameter and/or 6.25 square feet. Recreational fires may only contain cut, natural wood that will fit within the confines of the container.

SECTION 308

OPEN FLAMES

308.1.4: is amended as follows:

308.1.4: Open flame cooking devices. Exceptions 2 and 3 are deleted.

308.1.4.1: is added to read:

308.1.4.1 Liquefied Petroleum Gas-Fired Devices. LP gas burners having an LP gas container with a capacity of greater than 2 pounds shall not be located on combustible balconies or within 10 feet of combustible construction. The storage of LP gas containers shall be prohibited on balconies or on any inside portion of apartment buildings, condos, stacked units or structures with similar occupancies.

SECTION 309

POWERED INDUSTRIAL TRUCKS AND EQUIPMENT

309.4: is amended to read as follows:

309.4: Fire Extinguishers. Battery charging areas shall be provided with a fire extinguisher complying with section 906 having a 4A60BC rating within 20 feet of the battery charger.

SECTION 310

SMOKING

310.8: is amended to read:

310.8: Hazardous Environmental Conditions. When the fire code official determines that hazardous environmental conditions necessitate controlled use of smoking materials in mountainous, brush/forest covered areas, landscaped areas where organic mulch is utilized, or other designated areas is prohibited is prohibited in approved designated smoking areas.

SECTION 311

VACANT PREMISIS

311.2.2: is amend as follows:

311.2.2: Fire Protection. Exceptions 1 and 2 are deleted.

SECTION 312

VEHICLE IMPACT PROTECTION

312.4: is added to read as follows:

312.4: Gas Meter Protection. Whenever deemed necessary by the code official, concrete bollards shall be installed around gas meters to provide protection against damage.

SECTION 316

HAZARDS TO FIREFIGHTERS

316.6: is added to read as follows:

316.6: Truss Construction. All buildings containing truss construction assemblies shall have signage permanently affixed to the building at a location approved by the Fire Official. The sign shall be triangular in shape measuring 10 inches horizontally and 5 inches vertically. The sign shall have a red reflective background containing a white reflective letter as follows:

“F” – for truss floor assemblies

“R” – for truss roof Assemblies

“FR” – for truss floor and roof assemblies

SECTION 318

COOKING AND HEATING APPLIANCES

318.1: is added to read as follows:

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

SECTION 319

TRANSPORTATION

319.1: is added to read as follows:

319.1: Transportation routes. Routes for vehicles transporting explosives, blasting agents and combustible and flammable liquids shall be approved by Local, State and Federal Governments.

SECTION 401

GENERAL

401.9: is added to read as follows:

401.9: Emergency notification. It shall be the responsibility of the property owner and/or manager to provide current contact persons and telephones of persons to be notified in case of an emergency involving their property and/or building.

SECTION 404

FIRE SAFETY EVACUATION PLANS

404.2: is amended to read as follows:

404.2: Where required. An approved fire safety and evacuation plan shall be prepared and maintained for all occupancies and buildings as required by the code official.

SECTION 503

FIRE APPARATUS ACCESS ROADS

503.1.1: is amended to read as follows:

503.1.1: Building facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend such that the responding fire apparatus pumper may be so located that all points of the interior of the building may be reached by one hundred and fifty (150) feet of initial attack hose.

Exception: 1 is deleted

503.1.1.1: is added to read as follows:

503.1.1.1: Public/Private access routes for fire apparatus. Fire apparatus access roads for an aerial ladder, tower ladder or mechanically elevated mechanism shall be required to cover three quarters of all exterior building walls.

503.2.1: is amended to read as follows:

503.2.1: Dimensions. Fire apparatus roads shall have an unobstructed width of not less than twenty (20) feet exclusive of shoulders, except for approved security gates in accordance with Section 503.6. Allowing proper operation of ladders and mechanically elevated mechanisms. Roads shall be at least fifteen (15) feet from the building or further if the height of the building requires a greater set back to allow elevated access.

503.2.3: is amended to read as follows:

503.2.3: Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all-weather driving conditions. The minimum design shall be six (6) inches of granular stone base surface by at least two (2) inches of bituminous asphalt or concrete equivalent.

503.2.4: is amended to read as follows:

503.2.4: Turning Radius. The required turning radius of a fire apparatus access road shall be determined by the turning radius calculations provided by the fire code official. Approved turning templates shall be shown on all document's submittals.

SECTION 503

FIRE APPARTUS ACCESS ROADS (CONTINUED)

503.2.5: dead ends is deleted and replaced with continuity.

503.2.5: Continuity. Access routes shall be continuous around the building.

Exceptions: 1. Where approved by the code official, when building access openings spaced at a minimum one hundred fifty (150) feet and a complete fire suppression system is provided.

2. Cul-de-sacs not less than ninety (90) feet in diameter with a maximum length of one thousand (1000) feet for other than detached single family developments.

503.4.1: is added to read as follows:

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

SECTION 505

PREMISES IDENTIFICATION

505.1: is amended to read as follows:

505.1: Address numbers. New and existing buildings and tenant spaces shall have approved address numbers, building numbers or approved building identification placed in a position that legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Addresses on glass shall be white. Address numbers shall be Arabic numerals or alphabet letters. Exterior numbers shall be a minimum stroke width of .5 inches. Interior tenant spaces shall be a minimum of 4-inch high numbers. Similar sized numbers or letters shall be located at all rear and side doors of multi-tenant commercial structures.

505.3: shall be added to read as follows:

505.3: Interior location address. All newly constructed and existing (wide rise big box) buildings are required to have a location addressing on the vertical members of the building as approved by the code official.

SECTION 506

KEY BOXES

506.1: is amended to read as follows:

506.1: When required. All buildings or tenant spaces are required to install an approved key box in an accessible location approved by the code official and shall contain keys and other items necessary to provide to the fire district access to the building at locked points of ingress and egress whether on the interior or exterior of such building, to included building systems, controls and devices, such as but not limited to: Fire alarm systems, automatic fire sprinkler systems, elevator electrical rooms and mechanical rooms.

Exception: Key boxes are not required for single family detached dwellings, unless equipped with a sprinkler system.

506.1.2: is added to read as follows:

506.1.2: Type of key box. The type of key box for use by the Barrington Countryside Fire Protection District is the Knox box brand key vault/rapid entry system. The Barrington Countryside Fire Protection District shall be in complete control of key box and rapid authorization operation. The Barrington Countryside 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.

506.1.3: is added to read:

506.1.3: Location and number. The installation location of the Knox box shall be approved by the Fire Code Official. The Knox box shall be mounted no higher than five (5) feet above the finished floor. All "Knox Boxes" shall be supervised in the trouble mode of the fire alarm system. The Fire Code Official shall determine the number of Knox boxes required.

506.3: is added to read:

506.3: Electric Shunt Switch. An electric Knox shunt switch (3500 series) shall be required in buildings of all use groups with multiple electrical panel rooms and/or buildings having a 600 ampere service or greater.

a.) Switch will be mounted next to the main Knox box or at a location specified by the Fire Code Official.

b.) Switch should be mounted at a height of 5 (five) feet from the finished floor.

Section 507

FIRE FLOW

507.3.1: is added to read as follows:

507.3.1: Application. This section defines water supplies for fire department use for new Construction.

507.3.2: is added to read:

507.3.2: All buildings shall be served by a public water supply system meeting these criteria. This system shall be under pressure with an average static pressure of not less than thirty five (35) pounds per square inch (psi). Flows shall be calculated at twenty (20) psi residual. The supplies shall be available for continuous four (4) hour duration except that flows less than two thousand (2000) gpm need to be available for a two (2) hour duration.

507.3.2.1: is added to read as follows:

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

507.3.3: is added to read as follows:

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

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

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

SECTION 507

FIRE FLOW (CONTUNIED)

507.5.1: is amended to read as follows:

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

507.5.1.: 1 is added to read as follows:

507.5.1.1: Intersections. One (1) hydrant shall be located at each intersection and intermediate hydrants where distances between intersections exceeds Four hundred (400) feet.

507.5.1.2: is added to read as follows:

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

507.5.1.3: is added to read as follows:

507.5.1.3: Minimum requirement. At Least two (2) fire hydrants shall be located within three hundred (300) feet of each building.

507.5.1.4: is added to read as follows:

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

507.5.1.5: is added to read as follows:

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

507.5.1.6: is added to read as follows:

507.5.1.6: Proximity to building. Fire hydrants shall be located no closer than twenty five (25) feet from the building being protected.

SECTION 507

FIRE FLOW (CONTUNIED)

507.5.1.7: is added to read as follows:

507.5.1.7: Access. Access to fire hydrants shall be approved roadways, adequate width (minimum twenty (20) feet, clearance and strength for firefighting purposes. Such routes shall be maintained accessible during all seasons of the year and identified as no parking with signs and pavement markings approved by the Fire Official.

507.5.1.8: is added to read as follows:

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

507.5.1.9: is added to read:

507.5.1.9: Pumper outlet direction. Each hydrant shall have a pumper (steamer) connection facing the primary roadway and shall be accessible so that a connection can be made between the hydrant and the apparatus located in the street with twenty (20) feet of suction hose.

507.5.1.10: is added to read as follows:

507.5.1.10: Hydrant outlet location. Fire hydrants shall be a minimum of eighteen (18) inches and no more than thirty-six (36) inches above the finished grade.

507.5.1.11: is added to read as follows:

507.5.1.11: Hydrant type. Fire Hydrants used in conjunction with water supplies shall be of type acceptable to the Barrington Countryside Fire Protection District.

SECTION 509

FIRE PROTECTION EQUIPMENT IDENTIFICATION AND ACESS

509.3: shall be added to read as follows:

509.3: Access to fire equipment. In multiple single family dwellings where the is no common area, fire alarm panel and sprinkler system valves shall be in a room accessible only to fire district personnel from the exterior of the building. The fire department shall have access at anytime to such equipment without entering an individual dwelling unit.

SECTION 510

EMERGENCY RESPONDER RADIO COVERAGE

Section 510.1 is amended to read as follows:

Section 510.1 Emergency responder radio coverage. All buildings shall have approved radio coverage for emergency responders within the building, the building owner is responsible for installing repeater systems which is approved by the Fire Code Official.

SECTION 607

ELEVATOR RECALL AND MAINTENANCE

607.1.1 is added to read as follows:

607.1.1 AUTOMATIC ELEVATORS FOR FIRE DEPARTMENT USE. One elevator to be installed in all new buildings shall be sized for a stretcher used by the fire department. Minimum size to be 4000 pounds with a clear inside dimension of 7' wide by 4'3" deep with a 42" side slide door.

607.5 is added to read as follows:

607.5 Elevator phone. All required emergency elevator phones shall directly connected to the Barrington Countryside Fire Protection District's Communication Center via the phone number designate by the Fire Official.

SECTION 609

COMMERCIAL COOKING HOODS

609.1.1 is added to read as follows:

609.1.1 Hood system suppression. All hood and duct extinguishing systems shall comply with U.L. Standard #300 and be supervised by the buildings fire alarm system. If there is no existing fire alarm system one shall be installed to transmit the signal of the hood system activation.

SECTION 806

DECORATIVE VEGETATION IN NEW AND EXISTING BUILDINGS

806.1.1 is amended to read as follows:

806.1.1 Restricted occupancies. Natural cut trees shall be prohibited in groups, A, B, E, I, M, R-1, R-2, and R-4

SECTION 807

DECORATIVE MATERIALS OTHER THAN DECORATIVE VEGETATION IN NEW AND EXISTING BUILDINGS

807.4.3.1 is amended as follows:

807.4.3.1 Exceptions 1 and 2 are deleted.

807.4.4.1 is amended as follows:

807.4.4.1 Exceptions 1 and 2 are deleted.

SECTION 901

FIRE PROTECTION SYSTEMS GENERAL

901.2.2 is added to read as follows:

901.2.2 Fire alarm installers. The Illinois Department of Regulation has the following requirements for alarm installers:

1. Private alarm contractor's license issued by the Department of Professional Regulation, is required for an individual to be able to install, repair or modify fire alarm systems.
2. It is important to note the requirements allow an exemption from obtaining a Private Alarm Contractor's License if the fire alarm system work is performed by a "Licensed Electrical Contractor."

901.2.3 is added to read as follows:

901.2.3 Materials and contents information. Construction documents for fire protection systems permit shall include information on the contents, the occupancy, the location and arrangement of the structure and the contents involved, the exposure to any hazard, the extent of the system coverage, the suppression system design criteria the supply and extinguishing agents, the location of standpipes, and the location and method of operation of any detection and alarm devices.

SECTION 901

FIRE PROTECTION SYSTEMS GENERAL (CONTINUED)

901.6.2.1 added to the end of the section to read as follows:

901.6.2.2 Records. Said records shall contain the following information:

1. The date and time of all tests.
2. The name of the person who conducted the test.
3. The water pressure on the sprinkler riser gauge before and after each test.
4. The residual pressure during the main drain test.
5. Problems found before, during or after each test.

901.7 added to the end of the second paragraph to read as follows:

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

SECTION 902

FIRE PROTECTION SYSTEMS DEFINITIONS

Total Area. For the purpose 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 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.

SECTION 903

SPRINKLER SYSTEMS

903.2.1.1 is amended to read as follows:

903.2.1.1 Group A-1. An automatic sprinkler system shall be provided throughout all Group A-1 occupancies.

903.2.1.2 is amended to read as follows:

903.2.1.2 Group A-2. An automatic sprinkler system shall be provided throughout all Group A-2 occupancies.

903.2.1.3 is amended to read as follows:

903.2.1.3 Group A-3. An automatic sprinkler system shall be provided throughout all Group A-3 occupancies.

903.2.1.4 is amended to read as follows:

903.2.1.4 Group A-4. An automatic sprinkler system shall be provided throughout all Group A-4 occupancies.

903.2.1.5 is amended to read as follows:

903.2.1.5 Group A-5. An automatic sprinkler system shall be provided throughout all Group A-5 occupancies.

903.2.2 is amended to read as follows:

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

903.2.3 is amended to read as follows:

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

903.2.4 is amended to read as follows:

903.2.4 Group F. An automatic sprinkler system shall be provided throughout all Group F occupancies. All spec warehouse buildings with a ceiling roof height of twenty five (25) feet or greater to be protected with an ESFR fire sprinkler system or a hydraulically calculated system for a class IV commodities with rack storage calculated to be the greatest storage height.

SECTION 903

SPRINKLER SYSTEMS (CONTINUED)

903.2.5 is amended to read as follows:

903.2.5 Group H. An automatic sprinkler system shall be provided throughout all Group H occupancies.

903.2.6 is amended to read as follows:

903.2.6 Group I. An automatic sprinkler system shall be provided throughout all Group I occupancies. Including all group homes, half-way houses, residential board and care facilities, congregate care facilities assisted living facilities, alcohol and drug centers and social rehabilitation facilities, regardless of the number of persons occupying such buildings.

903.2.7 is amended to read as follows:

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

903.2.8 is amended to read as follows:

903.2.8 Group R. An automatic sprinkler system shall be provided throughout all Group R occupancies.

903.2.9 is amended to read as follows:

903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout all group S-1 occupancies. All spec warehouse buildings with a ceiling roof height of 25 feet or greater to be protected with an ESFR fire sprinkler system or a hydraulically calculated system for a class IV commodities with a rack storage calculated to the greatest storage height.

903.2.9 is amended to read as follows:

903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout in all Group S-1 occupancies.

903.2.9.1 is amended to read as follows:

903.2.9.1 Repair garages. An automatic sprinkler system shall be provided throughout in all repair garage occupancies.

SECTION 903

SPRINKLER SYSTEM (CONTINUED)

903.2.9.2 is amended to read as follows:

903.2.9.2 Bulk storage of tires. An automatic sprinkler system shall be provided throughout all bulk storage of tires facilities.

903.2.10 is amended to read as follows:

903.2.10 Group S-2. An automatic sprinkler system shall be provided throughout all Group S-2 occupancies.

903.2.10.1 is amended to read as follows:

903.2.10.1 Commercial parking Garages. An automatic sprinkler system shall be provided throughout all buildings used for storage of commercial truck, trailers, transport container units or buses.

903.2.11.1 is amended to read as follows:

903.2.11.1 Stories and basements without openings. An automatic sprinkler system shall be installed in buildings without openings.

903.2.11.1.2 is amended to read as follows:

903.2.11.1.2 Openings on only one side. Where openings in a story are provided on only one side and the opposite wall of such story, the story shall be equipped throughout with an automatic sprinkler system.

903.2.11.1.3 is amended to read as follows:

903.2.11.1.3 Basements. All basements shall be equipped throughout with an approved automatic sprinkler system.

903.2.13 is added to read as follows:

903.2.13 Additions, Repairs, Alterations or Remodeling to Existing Buildings. An automatic sprinkler system shall be provided throughout existing buildings and new additions of all use groups, when the addition, repair, alteration or remodeling exceeds one thousand (1,000) square feet in gross area.

Exception: Sprinklers need only be provided to the addition, and not the existing building, when separate from the building by a two (2) hour fire separation assembly and provided the addition does not exceed fifty (50) percent of the existing building area.

SECTION 903

SPRINKLER SYSTEMS (CONTUNIED)

903.2.14 is added to read as follows:

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

903.3.1.1.1 is amended as follows:

903.3.1.1.1 This section is deleted.

903.3.5 is amended to read as follows:

903.3.5 Water Supplies. Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. Hydrant water flow data used for the design of any sprinkler system shall be less than one (1) years old. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the international plumbing code and the Illinois plumbing code.

903.3.5.3 is added to read as follows:

903.3.5.3 Safety factor. Hydraulically calculated sprinkler systems shall maintain a minimum of ten (10) % or five (5) pounds per square inch cushion (whichever is greater) between the seasonal low water supply and the total sprinkler demand. The total sprinkler demand shall include the sprinkler demand and the hose stream demand.

903.3.5.4 is added to read as follows:

903.3.5.4 Multi-tenant occupancy. When an automatic fire suppression system is installed in a multi-tenant building, each tenant space 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 the tenant space. The strobe shall activate upon water flow within the individual unit.

903.3.7 is amended to read as follows:

903.3.7 Fire Department connections. The location of the fire department connection shall be approved by the Fire Official. The fire department connection shall consist of one (1) five (5) inch Storz coupling with Knox locking cap on a thirty (30) degree elbow mounted between eighteen (18) inches and forty-two (42) inches above the finished floor.

SECTION 903

SPRINKLER SYSTEMS (CONTINUED)

903.3.8 is added to read as follows:

903.3.8 Inspectors test. Fire sprinkler system inspectors test valves shall be accessible at all times and be located no more than six (6) feet above the finished floor. On multiple risers systems test valves shall be marked as to which riser and area it tests.

903.3.9 is added to read as follows:

903.3.9 Control valves. Multiple story buildings shall have a sprinkler control valve and a water flow switch for each floor.

903.3.10 is added to read as follows:

903.3.10 Fire pump test header. An OS&Y control valve is required on all fire pump test headers. All test headers shall be located outside the building.

903.3.11 is added to read as follows:

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

903.12 is added to read as follows:

903.3.12 Separation. The sprinkler valve room and or fire pump room shall have a one (1) hour separation.

903.4 Sprinkler system supervision and alarms. Exceptions 2, 3, 4, 5, 6, and 7 are deleted.

903.4.1 is amended to read as follows:

903.4.1 Monitoring. All alarm, supervisory and trouble signals shall be distinctly different and shall be directly connected to the communications center of the Barrington Countryside Fire Protection District in a method approved by the Fire Official as defined in NFPA72.

SECTION 904

ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

904.3.5 is amended to read as follows:

904.3.5 Monitoring. All alternative automatic fire-extinguishing systems shall be monitored by a fire alarm system directly connected to the communication center of the Barrington Countryside Fire Protection Districts, in a method approved by the Fire Official in accordance with NFPA 72.

SECTION 905

STANDPIPE SYSTEMS

905.2.1 is added to read as follows:

905.2.1 Fire hose valve system piping. The fire hose valve system piping shall be:

1. A separate riser piping system.
2. The two and one half (2 ½) valves shall be supplied by a minimum of four (4) inch with two and one half (2 ½) inch drops to each valve.
3. Where system pressure exceeds one hundred (100) psi provide Potter reduced pressure field adjustable type valves.
4. System shall be designed to 500 GPM minimum.

905.3.8 is added to read as follows:

905.3.8 All other buildings. A Class I standpipe system shall be installed in all buildings two (2) stories or greater and where any portion of the building's interior area is more than one hundred fifty feet of travel (vertically or horizontally) beyond the level of fire department vehicle access. Distance is measured starting from the fire department apparatus hose connection.

905.3.8.1 is added to read as follows:

905.3.8.1 Locations. Where a standpipe system is required by this section, there shall be hose connections at each required exit door on each floor. All other doors shall have an approved plaque or sign, measuring twelve (12) inches square, permanently affixed next to the handle side of the door with plainly legible wording stating "NO STANDPIPE CONNECTION". The lettering shall be white on a red background and easily readable.

SECTION 905

STANDPIPES (CONTINUED)

905.3.8.2 is added to read as follows:

905.3.8.2 Warehouse storage. Additional class I standpipe connections shall be provided so that no portion of the warehouse and/or storage area is more than one hundred twenty (120) feet maximum travel distance to a fire hose valve. Locations of all obstructions and/or racks shall be shown on the drawings.

SECTION 906

PORTABLE FIRE EXTINGUISHERS

906.3 is amended to read as follows:

906.3 Size and distribution. The minimum size fire extinguisher for use in all new and existing occupancy groups shall be 4A 60BC. All other applications shall be in accordance with the provisions of NFPA 10 Standard for Portable Fire Extinguishers.

906.4.1 is added to read as follows:

906.4.1 Areas with a wet chemical fire suppression system shall have a minimum of one (1), six (6) liter wet chemical potassium-based fire extinguisher within the kitchen area in addition to other required extinguishers. Additional extinguishers may be required by the Fire Code Official.

906.5.1 is added to read as follows:

906.5.1 Fire extinguishers shall be located within five (5) feet of each exit door. All other areas shall have fire extinguishers installed in accordance with NFPA 10 standard for portable fire extinguishers.

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

907.1.4 is added to read as follows:

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

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS (CONTINUED)

907.1.5 is added to read as follows:

907.1.5 Alarm installation requirements. In order to install a fire alarm system in the Barrington Countryside Fire Protection District the installer must be a Licensed Fire Alarm Installer or a Licensed electrician. Prior to acceptance testing, the alarm contractor that will be issuing the certificate for the Protected Property shall provide a current copy of the Alarm Contractor's Certificate of Compliance to the Barrington Countryside Fire Protection District's Fire Prevention Bureau.

907.1.6 is added to read as follows:

907.1.6 Fire Alarm Connections. All automatic and manual, fire alarm and/or suppression systems that are installed shall be directly connected to the Barrington Countryside Fire Protection District's dispatch center via dedicated phone line or wireless radio.

907.2 is amended to read as follows:

907.2 Where required – new and existing buildings and structures. An approved addressable fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new and existing buildings and structures in accordance with Sections 907.2.1 through 907.2.23 and provide occupant notification in accordance with Section 907.6, unless other requirements are provided by another section of this code. Fire alarm panels shall have a single button silence and reset functions. A remote full function annunciator panel 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. Fire alarm system shall only include that necessary for required operation of the system and not include other components for security or burglar alarm functions, etc.

907.2.1 is amended to read as follows:

907.2.1 Group A. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group A and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.1.1 is amended to read as follows:

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

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS (CONTINUED)

907.2.2 is amended to read as follows:

907.2.2 Group B. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group B and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.3 is amended to read as follows:

907.2.3 Group E. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group E and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.4 is amended to read as follows:

907.2.4 Groups F, S and U. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Groups, S and U and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.5 is amended to read as follows:

907.2.5 Group H. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group H and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.6 is amended to read as follows:

907.2.6 Group I. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group I and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.6.1 is amended to read as follows:

907.2.6.1 Group I-1. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group I-1 and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.6.2 is amended to read as follows:

907.2.6.2 Group I-2. An automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group I-2 and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS (CONTINUED)

907.2.6.3 is amended to read as follows:

907.2.6.3 Group I-3. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group A and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.7 is amended to read as follows:

907.2.7 Group M. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group M and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.8 is amended to read as follows:

907.2.8 Group R-1. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group R-1 and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.9 is amended to read as follows:

907.2.9 Group R-2. A automatic and manual fire alarm system shall be installed and maintained in all new and existing occupancies of Group R-2 and directly connected to the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

907.2.9.1 is amended as follows:

907.2.9.1 This section is deleted.

907.2.13 is amended to read as follows:

907.2.13 High-Rise Buildings. Buildings with a floor used for human occupancy located more than fifty-five (55) feet above the lowest level of fire department vehicle access shall be provided with an automatic fire alarm system, pressurized stairwells, fire command center, fire department communications center and an emergency voice. /alarm communications system in accordance with Section 907.13.2.

Section 907.4.1 is amended to read as follows:

Section 907.4.1 Duct Smoke Detectors. 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.

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS (CONTINUED)

Section 907.4.1 Duct Smoke Detectors. (Continued)

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 two thousand (2000) CFM or greater.

All test switches shall be labeled and installed in a proximate area near the fire alarm panel or as determined by the Fire Code Official. All duct detectors shall be labeled in correlation with the HVAC units and clearly marked on the inside ceiling, visible from the floor. All rooftop units shall be visibly marked from the roof/scuttle access point.

Section 907.6.1 is amended as follows:

Section 907.6.1 This section is deleted.

Section 907.6.2.3 is amended to read as follows:

Section 907.6.2.3 Visible alarms. Visible alarm notification appliances shall be provided in accordance with Sections 907.6.2.3.1 through 907.6.2.3.6.

Section 907.6.2.3.5 is added to read as follows:

Section 907.6.2.3.5 Tenant space lighting. Each tenant space in a multiple tenant building shall have an audio visual alarm visible in a public access area indicating which tenant space has the activated alarm.

Section 907.6.2.3.6 is added to read as follows:

Section 907.6.2.3.6 Outside alerting device. All fire alarm and suppression systems shall have outside alerting devices of a type and at a location approved by the Fire Code Official.

907.7.2 is amended to read as follows:

907.7.2 Power supply. The primary and secondary power supply for the fire alarm shall be provided in accordance with NFPA 72. The secondary power supply shall be equipped with a 60 hour battery with 5 minutes of alarm.

Section 907.7.5 is amended as follows:

Section 907.7.5 Monitoring. The exceptions are deleted.

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS (CONTINUED)

Section 907.7.5.2 is added to read as follows:

Section 907.7.5.2 Fire alarm systems for Central Station Service. All existing fire alarms which transmit their signals to a central station monitoring service shall meet requirements for central station service as listed in NFPA 72. If unable to meet the requirements per NFPA 72 the alarm system must be considered remote station and shall be directly connected to the Barrington Countryside Fire Protection Dispatch Center.

Section 907.8.2 is amended to read as follows:

Section 907.8.2 Record of completion. A record of completion in accordance with NFPA 72 verifying that the system has been installed with the approved plans and specifications shall be provided. A schematic minimum of eight and one half by eleven (8 ½ x 11) inch shall be provided showing all devices and components of the alarm system.

Section 907.9.6 is added to read as follows:

Section 907.9.6 Out of service alarms. No alarm system shall be out of service without prior approval of the Fire Code Official.

Section 907.9.7 is added to read as follows:

Section 907.9.7 Fire watch required. When a fire alarm system must be taken out of service for any length of time, a continuous fire watch shall be provide as approved by the Fire Code Official until the service is re-established. Otherwise occupancy of the building or space shall not be permitted.

SECTION 908

EMERGENCY ALARM SYSTEMS

Section 908.1 is amended to read as follows:

Section 908.1 GROUP H OCCUPANCIES. Emergency alarms for the detection and notification of an emergency condition in Group H occupancies shall be provided as required in Chapter 27. All required alarms shall be directly connected to the Communication Center of the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance to provisions of NFPA 72.

SECTION 909

SMOKE CONTROL SYSTEMS

Section 909.1.1 is added to read as follows:

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

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

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

Section 909.1.2 is added to read as follows:

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

Section 909.1.3 is added to read as follows:

Section 909.1.3 Operation. The location and design of controls for the system, including the pressurization of areas shall be at a location easily accessible and approved by the Fire Code Official. Venting controls are to be operated by fire officials during emergency situations.

Section 909.2.1 is added to read as follows:

Section 909.2.1 In garage settings where a carbon monoxide detection device controls the activation of an exhaust system this system must shut down upon activation of the fire detection and/or suppression systems. This will have a manual override control, which will be installed under direction of the Fire Code Official.

SECTION 910

SMOKE AND HEAT VENTS

Section 910.3.2 is amended to read as follows:

Section 910.3.2 Vent Operation. Where required by the code Official, smoke and heat vents shall be activated by a manual means of operation. Vent controls shall be approved by the Fire Code Official and located in the fire pump/ sprinkler room. Venting controls are to be operated by fire officials during emergency situations.

Section 910.4.3 is amended to read as follows:

Section 910.4.3 Operation. Where required by the code Official, smoke and heat vents shall be activated by a manual means of operation. Vent controls shall be approved by the Fire Code Official and located in the fire pump/ sprinkler room. Venting controls are to be operated by fire officials during emergency situations.

SECTION 912

FIRE DEPARTMENT CONNECTIONS

Section 912.1.1 is added to read as follows:

Section 912.1.1 Storz connections. All connections shall be a five (5) inch Storz connection with a Knox locking cap and a thirty (30) degree downturn.

Section 912.2 is amended to read as follows:

Section 912.2 Location. With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that the fire apparatus and hose connection to supply the system will not obstruct access to the buildings for other fire apparatus. Fire department connections shall be located within seventy-five (75) feet of a fire hydrant at a location approved by the fire code official.

Section 912.5 is amended to read as follows:

912.5 Backflow protection. The potable water supply to automatic sprinkler and standpipe systems shall be protected against backflow as required by the International Plumbing Code and The Illinois Plumbing Code.

SECTION 913

FIRE PUMPS

913.2.2 is added to read as follows:

913.2.2 Protection against interruption of service. Electrically powered fire pumps shall also have a adequately sized emergency generator complying with the electrical code.

913.4 is amended to read as follows:

913.4 VALVE SUPERVISION. Where provided, the fire pump suction, discharge and bypass valves, and the isolation valves on the backflow prevention device or assembly shall be supervised by a fire alarm system directly connected to the Communication Center of the Barrington Countryside Fire Protection District, in a method approved by the Code Official in accordance with the provisions of NFPA 72.

SECTION 914

FIRE PROTECTION BASED ON SPECIAL DETAILED REQUIREMENTS OF USE AND OCCUPANCY

Section 914.2.1 is amended as follows:

Section 914.2.1 The exception is deleted.

Section 914.3.1 is amended as follows:

Section 914.3.1 The exceptions are deleted

Section 914.4.1 is amended as follows:

Section 914.4.1 The exception is deleted.

Section 914.7.1 is amended as follows:

Section 914.7.1 The exception is deleted.

SECTION 1003

GENERAL MEANS OF EGRESS

1003.1 is amended to read as follows:

1003.1 APPLICABILITY. The general requirements specified in this section shall apply to all three elements of the means of egress system, in addition to those specific requirements for the exit access, the exit and the exit discharge detailed elsewhere in this chapter. The provisions of Chapter 34 of the International Building Code shall not be used to eliminate the installation requirements for exit signs and means of egress illumination systems.

1005.1 is amended to read as follows:

1005.1 Minimum required egress width. The means of egress width shall not be less than required by this section. The total width of means of egress in inches (mm) shall not be less than the total occupant load served by the means of egress multiplied by the factors in Table 1005.1 and not be less than specified elsewhere in this code. Multiple means of egress shall be sized such that the loss of any one means of egress shall not reduce the available capacity to less than fifty (50) percent of the required capacity. The maximum capacity required from any story of a building shall be maintained to the termination of the means of egress.

Exception: Means of egress complying with Section 1028.

TABLE 1005.1

EGRESS WIDTH PER OCCUPANT SERVED

OCCUPANCY	WITHOUT A SPRINKLER SYSTEM		WITH SPRINKLER SYSTEM a	
	Stairways (inches per occupant)	Other egress components (inches per occupant)	Stairways (inches per occupant)	Other egress components (inches per occupant)
Occupancies Other than those listed below	0.3	0.2	0.2	0.15
Hazardous: H-1, H-2, H-3 and H-4	0.7	0.4	0.3	0.2
Institutional	NA	NA	0.3	0.2

a. Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.3.1.2

SECTION 1006

MEANS OF EGRESS ILLUMINATION

The exceptions to 1006.1 are deleted.

The exception to 1006.2 is deleted.

1006.3 is amended to read as follows:

1006.3 ILLUMINATION EMERGENCY POWER. The power supply for means of egress illumination shall normally be provided by the premise's electrical supply.

In the event of power supply failure, an emergency system shall automatically illuminate all of the following areas:

1. Exit access corridors, passageways, and aisles in rooms and spaces, which require two or more means of egress.
2. Exit access corridors and exit stairways located in buildings required to have two or more exits.
3. Interior exit discharge elements, as permitted in Section 1006.1, in buildings required to have two or more exits.
4. The portion of the exterior exit discharge immediately adjacent to exit discharge doorways in buildings required to have two or more exits.
5. Conference rooms, training rooms, break or lunch rooms, and restrooms that accommodate more than one occupant.
6. All rooms containing the building fire sprinkler risers, fire pumps and fire alarm control panels.

SECTION 1007

ACCESSIBLE MEANS OF EGRESS

The exceptions to 1007.2.1 are deleted.

The exceptions to 1007.3 are deleted.

SECTION 1008

DOORS, GATES AND TURNSTILES

1008.1.8.1 is amended to read as follows:

1008.1.8.1 HARDWARE. Egress door hardware, door handles, pulls, latches, locks and other operating devices on egress doors are required to be accessible by the (IBC) chapter 11 shall not require tight grasping tight pinching or twisting of the wrist to operate.

1008.1.8.3 is amended to read as follows:

1008.1.8.3 LOCKS AND LATCHES. Egress doors shall be readily open able from the egress side without the use of a key or special knowledge or effort.

Exceptions:

1. Places of detention or restraint.
2. Where approved by the code official, a readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. This sign shall be in letters 1 inch (25 mm) high on a contrasting background.
3. Where egress doors are used in pairs, approved automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts has no doorknob or surface mounted hardware. The unlatching of any leaf shall not require more than one operation.
4. Doors from individual dwelling units and guestrooms of Group R occupancies having an occupant load of 10 or less are permitted to be equipped with a night latch, deadbolt or security chain, provided such devices are accessible from the inside without the use of a key or tool.

SECTION 1011

EXIT SIGNS

Exception 2 to 1011.1 is deleted.

1011.1.2 is added to read as follows:

1011.1.2 FLOOR PROXIMITY EXIT SIGNS. The installation of low-level exit signs to supplement regular exit signs shall be placed in all new occupancies to include places of assembly, hotels, department stores, or other buildings subject to transient occupancy and semi-permanent occupancy such as an apartment house, and as deemed necessary by the Fire Prevention Code Official. Such exit signs may be approved luminescent, photo luminescent, self-luminous, or self-illuminated types. They are not intended to replace standard exit signs but are designed as a supplementary aid for a building occupant seeking egress in smoke-filled environment at a location that is the last to become obscured. Existing facilities may be required to have this signage as determined by the code official. Such signs shall be located near the floor level in addition to those signs required for doors or corridors. The bottom of the sign shall be not less than six (6) inches, but not more than eighteen (18) inches above the floor. For exit doors, the sign shall be mounted on or adjacent to the door with the nearest edge of the sign within four (4) inches of the door frame. Photo luminescent signs may be used in place of externally illuminated signs.

FLOOR AND STAIRWELL SIGNS. Floor and stairwell signs shall be required in all stairwells in every floor in all new construction and all existing hotels and nursing homes. Signs shall also be mounted on the wall adjacent to the door at five (5) foot above finished floor indicating floor level and stairwell designation.

1011.1.3 is added to read as follows:

1011.1.3 FLOOR PROXIMITY EGRESS PATH MARKING. Floor proximity exits signs are required in all use groups/occupancies as determined by the Fire Prevention Code Official. Listed and approved floor proximity egress path marking that is internally illuminated shall be installed within eighteen (18) inches of the floor. The system shall provide a visible delineation of the path of travel along the designated exit access and shall be essentially continuous, except as interrupted by doorways, hallways, corridors, or other such architectural features. The system shall operate continuously or anytime the fire alarm system is activated. Photo-luminescent path marking may be used in place of internally illuminated path markings.

1011.2 is amended to read as follows:

1011.2 ILLUMINATION: Exit signs should be internally, externally or photo luminescent illuminated.

SECTION 1013

GAURDS

Exception 6 to 1013.1 is deleted.

SECTION 1405

FLAMMABLE AND COMBUSTIBLE LIQUIDS

1405.7 is added to read as follows:

1405.7 BARRIER PROTECTION/CONTAINMENT. Physical barriers shall consist of IDOT certified concrete barriers. Barriers shall be provided to protect the area where construction type fuel tanks are established. Containment will also be provided to contain 110% of the largest tanks capacity.

SECTION 1417

SAFEGUARDING ROOFING OPERATIONS

1417.3 is amended to read as follows:

1417.3 FIRE EXTINGUISHERS FOR ROOFING OPERATIONS. Fire extinguishers shall be installed in accordance with section 906. There shall be not less than two (2) multi- purpose portable fire extinguisher with a minimum rating of (4A 60BC) on the roof being covered or repaired.

SECTION 1504

SPRAY FINISHING

The exceptions to 1504.2 are deleted.

SECTION 1904

FIRE PROTECTION

The exception to 1904.1.1 is deleted.

SECTION 2204

DISPENSING OPERATIONS

2204.3.8 is added to read as follows:

2204.3.8 Special dispensers. Special type dispensers such as coin, key or card operated devices, for self-operation by the general public at unattended facilities are prohibited.

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

2206.2.5.1 is added to read as follows:

2206.2.5.1 Portable Tanks. Flammable and combustible fuel stored inside a building shall be in approved metal containers with self-closing lids and the total amount shall not exceed ten (10) gallons. Storage in excess of this amount must be in approved fire-rated cabinets complying with Section 3404.3 of this code.

2305.5 is amended to read as follows:

2305.5 Pile dimension and height limitations. Pile dimension and height limitations shall comply with Section 2307.3 In no instance shall pile storage be located within 2 feet of the ceiling, nor within eighteen (18) inches from any sprinkler head.

SECTION 2404

TEMPORARY AND PERMANENT TENTS, CANOPIES AND MEMBRANE STRUCTURES

2404.12 is amended to read as follows:

2404.12 PORTABLE FIRE EXTINGUISHERS. Portable fire extinguishers shall be a 4A60BC extinguisher.

2404.14.1 is added to read as follows:

2404.14.1 OCCUPANT LOAD SIGN. A Sign with maximum occupant load must be prominently posted at the main entrance at all time.

SECTION 2701

HAZARDOUS MATERIALS – GENERAL

2701.3.3.1: is amended to read as follows:

2701.3.3.1 PROPERTIES WITH HAZARDOUS MATERIALS. All buildings, and/or tenant spaces containing hazardous materials shall provide a Knox box document storage cabinet for placement of the MSDS sheets. The box shall be large enough to accommodate all information. It shall be mounted at 5 (five) feet above the finished floor and shall be located in a spot that is approved by the fire prevention code official.

2706 is added to read as follows:

2706.1 Transportation routes. Routes for vehicles transporting hazardous materials, including but not limited to, combustible and flammable liquids, shall be by State and Federal Governments.

SECTION 3301

EXPLOSIVES AND FIREWORKS

3301.1.3 is amended to read as follows:

3301.1.3 Manufacture, sale and storage. The manufacture, sale or storage of explosives and fireworks is prohibited. Small fireworks containing any amount of pyrotechnic composition designed primarily to produce visible or audible effects by combustion are also included in this prohibition.

3301.2 is amended to read as follows:

3301.2 Permit required – District/Municipal events and District Municipal property. Applications for fireworks displays and discharge shall be made in a form developed by the Fire Code Official and shall be submitted at least thirty (30) days in advance of an event. Fireworks displays either for District/Municipal events or held on District/Municipal property must meet the following requirements, as recommended by the District/Municipality's risk management agency:

1. The applicant for a permit must provide an original commercial general liability certificate of insurance, from an insurance company in good standing with the District/Municipality with the following coverage limits:
 - a. \$5,000,000 combined single limit per occurrence for bodily injury and property damage, with the District/Municipality its officials, employees, agents and volunteers named as additional insured's; and

SECTION 3301

EXPLOSIVES AND FIREWORKS (CONTINUED)

- b. The general aggregate shall be twice the required occurrence limit, or no less than \$10,000,000 per occurrence.
 - c. And to name the Fire District as an additional insured under such insurance
2. The original certificate of insurance must be provided to the District/Municipality directly by the insurance company.
 3. The certificate of insurance must state that there is a no shooters exclusion and that a cross suits exclusion does not apply to those listed as additional insured on the certificate.

3301.2.4 is amended to read as follows:

3301.2.4 Financial responsibility. Permit required-private fireworks displays. For private fireworks displays not conducted on public property, before a permit is issued, as required by Section 3301.2, the applicant shall file with the city a commercial general liability insurance policy in the sum of \$100,000 for the purpose of the payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgment results. Applications for private fireworks displays and discharge shall be made in a form developed by the fire official and shall be submitted at least thirty (30) days in advance of an event.

SECTION 3308

FIREWORKS DISPLAY

3308.1 is amended to read as follows:

3308.1 General. The display of fireworks, including proximate audience displays and pyrotechnic special effects in motion picture, television, theatrical, and group entertainment productions, shall comply with Sections 3308.2 through 3308.10 and NFPA 1123 or NFPA 1126.

3308.1.1 is added to read as follows:

3308.1.1 General requirement for all pyrotechnic/consumer fireworks displays. All pyrotechnic fireworks display shall conform to the Fireworks Use Act (425 ILCS 35).

SECTION 3308

FIRE WORKS DISPLAY (CONTINUED)

3308.2.1 is amended to read as follows:

3308.2.1 OUTDOOR DISPLAYS. In addition to the requirements of Section 403 permit application for outdoor fireworks shall include a diagram of the location at which the display will be conducted including the site from which fireworks will be discharged; the location of buildings, highways, overhead obstructions and utilities; and the lines behind which the audience will be restrained. All outdoor fireworks display shall be electronically fired from an approved electronic firing unit. Manual firing of fireworks is prohibited.

3308.2.3 is added to read as follows:

3308.2.3 PERMIT FEE. A permit fee of two hundred dollars (\$200.00) shall be paid when the application is filed.

3308.3.1 is added to read as follows:

3308.3.1 PYROTECHNIC OPERATOR AND LICENSING RULES. Any person, company, entity, association, or corporation who distributes, provides display services or supervises a pyrotechnic display within the Barrington Countryside Fire Protection District must be licensed according to the Pyrotechnic Distributor and Operator Licensing Act (225ILCS 227).

3308.4 is amended to read as follows:

3308.4 CLEARANCE. Spectators, spectator parking areas, and dwellings, buildings or structures shall not be located within the display/discharge area. Vehicles used for the transportation of fireworks must be relocated outside of the discharge area prior to the first circuit test of the electronic firing unit.

3308.8.1 is added to read as follows:

3308.8.1 FIRE DEPARTMENT SUPERVISION OF DISPLAYS. All outside public fireworks displays are required to have a fire department standby, to be determined by the fire chief or his/her designee. Fire department expenses incurred by this standby will be billed to the host of the display. Local governmental agencies may be exempt from this fee.

3308.11 is added to read as follows:

3308.11 CONSUMER FIREWORKS. Consumer fireworks (1.4G) as defined by the Fireworks Use Act (445 ILCS 35) shall not be manufactured, stored, sold retail or wholesale or utilized within the boundaries of the Barrington Countryside Fire Protection District along with the following unregulated items: sparklers of all sizes and types and smoke devices.

SECTION 3308

FIREWORKS DISPLAYS (CONTINUED)

3308.13 is added to read as follows:

3308.13 CASH BOND. The application for permit for supervised display of fireworks shall be accompanied by a cash bond in the sum of one thousand dollars (\$1,000.00). If the application is for a one-time only event, the fireworks company providing the fireworks display shall pay said cash bond. If the same application or same location intends to have multiple fireworks displays throughout the year, the owner need pay a one thousand-dollar (\$1,000.00) cash bond on the first application for the fireworks display. Thereafter, no additional one thousand dollar (\$1,000.00) cash bond will be required for each subsequent event, provided, however, if any portion or all of the one thousand-dollar (\$1,000.00) cash bond is utilized to provide the necessary manpower and equipment for fire suppression or rescue services provided, the owner or applicant shall be required to pay to the Barrington Countryside Fire Protection District an additional cash bond in the amount of the cost previously expended by the District in order to reinstate the cash bond in the full sum of the one thousand dollars (\$1,000.00). The amount of excess shall likewise be paid to the District and no further displays may be held until such time as the excess amount has been paid and the cash bond has been reimbursed to the full sum of the one thousand dollars (\$1,000.00).

SECTION 3404

FLAMMABLE AND COMBUSTIBLE LIQUIDS STORAGE

3404.2.9.7.11 is added to read as follows:

3404.2.9.7.11 Other requirements. The above-ground storage of Class I flammable liquids, Class II, Class IIIA and Class IIIB combustible liquids and Class I, II, IIIA, and IIIB solvents in excess of the exempt amounts in the building code shall conform to the following:

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

FLAMMABLE AND COMBUSTIBLE LIQUIDS STORAGE (CONTINUED)

3404.2.9.7.11 continued.

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

SECTION 3806

DISPENSING AND OVERFILLING

3806.4 is added to read as follows:

Section 3806.4 Tank vehicles. No tank vehicle shall be left unattended on any lot, street, highway, avenue, alley or any other location within the Fire District limits unless located in a secured, tamper proof area and/or during emergency situations, such as loss of primary power, or as otherwise determined by the Fire Code Official. In all instances, such operations shall comply with all Federal, State and local regulations.”

Appendix A is added to read as follows:

APPENDIX A

BASIC FIRE CONTROL MEASURES A101.1 SCOPE: Adoption of fire control measures and regulations.

There has been adopted by the Barrington Countryside Fire Protection District fire control measures and regulations as herein set forth for the purposes of controlling conditions which could impede or interfere with fire suppression forces.

A102.1 AUTHORITY AT FIRES AND OTHER EMERGENCIES: The Fire Official or duly authorized representatives, as may be in charge at the scene of a fire or emergency involving the protection of life and property, is empowered to direct such operations as may be necessary to extinguish or control any suspected or reported fires, gas leaks or other hazardous conditions or situations or of taking any other action necessary in the reasonable performance of their duty. The Fire Official may prohibit any person, vehicle or object from approaching the scene and may remove or cause to be removed from the scene any person, vehicle, or object which may impede or interfere with the operations of the fire department. The Fire Official may remove or cause to be removed any person, vehicle or object from the hazardous areas. All persons ordered to leave a hazardous area shall do so immediately and shall not re-enter the area until authorized to do so by the Fire Official.

A103.1 INTERFERENCE WITH FIRE DISTRICT OPERATIONS: It shall be unlawful to interfere with, attempt to interfere with, conspire to interfere with, obstruct or restrict the mobility of or block the path of travel of any fire department emergency vehicle in any way, or to interfere with, attempt to interfere with, obstruct or hamper any fire department operation.

A104.1 COMPLIANCE WITH ORDERS: A person shall not willfully fail or refuse to comply with any lawful order or direction of the Fire Chief or to interfere with the compliance attempts of another individual.

A105.1 VEHICLES CROSSING FIRE HOSE: A vehicle shall not be driven or propelled over any unprotected fire hose of the fire department when laid down on any street, alleyway, private drive or any other vehicular roadway without the consent of the Fire Prevention Code Official in command of said operation.

A106.1 DEFINITION OF EMERGENCY VEHICLE: Authorized emergency vehicles shall be restricted to those which are defined and authorized under the laws of the State of Illinois.

A107.1 OPERATION OF VEHICLES ON APPROACH OF AUTHORIZED EMERGENCY VEHICLES: Upon the approach of any authorized emergency vehicle, giving audible and visual signal, the operator of every other vehicle shall immediately drive the same to a position as near as possible and parallel to the righthand edge or curb of the street or roadway, clear of any intersection and shall stop and remain in such position until the authorized emergency vehicle or vehicles shall have passed, unless otherwise directed by the Fire Official or a police officer.

APPENDIX A (CONTINUED)

A-108.1 VEHICLES FOLLOWING FIRE APPARATUS: It shall be unlawful for the operator of any vehicle other than one on official business, to follow closer than 300 feet from any fire apparatus traveling in response to a fire alarm or to drive any vehicle within the block or immediate area where fire apparatus has stopped in answer to a fire alarm

A-109.1 UNLAWFUL BOARDING OR TAMPERING WITH FIRE DISTRICT EMERGENCY EQUIPMENT: A person shall not without proper authorization from the Fire Official in charge of said fire department emergency equipment, cling to, attach himself to, climb upon or into, board or swing upon any fire department emergency vehicle, whether the same is in motion or at rest, or sound the siren, horn, bell or other sound-producing device thereon, or to manipulate or tamper with, or attempt to manipulate or tamper with any levers, valves, switches, starting devices, brakes pumps or other equipment.

A-110.1 DAMAMGE, INJURY-FIRE DEPARTMENT EQUIPMENT, AND PERSONNEL: It shall be unlawful for any person to damage or deface, or attempt or conspire to damage or deface, any fire department emergency vehicle at any time or to injure, or attempt or conspire to injure, fire department personnel while performing departmental duties.

A-112.1 BLOCKING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS: It shall be unlawful to obscure from view, damage, deface, obstruct or restrict the access to any fire hydrant or any fire department connection for the pressurization of fire suppression systems, including fire hydrants and fire department connections located on public or private streets and access lanes or on private property. All vehicles blocking fire hydrants and fire department connections shall be moved immediately.

Appendix B is added to read as follows:

APPENDIX B

BARRINGTON COUNTRYSIDE FIREPROTECTION DISTRICT FIRE ALARM PLAN SUBMITTAL CHECKLIST

This checklist is an effort to help provide a uniform approach for the design community and to provide owners and fire alarm designers with complete fire alarm design and submittal package requirements. When submitting plans for review all plan submittals must include this Fire Alarm Plan Submittal Checklist or they will not be accepted. By completing this checklist and including all of the necessary information requested it is the intent of this document to provide efficient and appropriate turnaround of the plans submitted. It is the responsibility of the installer/designer to assure that all applicable code requirements are followed. All plans that are rejected and resubmitted will have additional fees charged for plan review.

The installation, renovation, addition, and/or maintenance of any fire alarm system shall comply with the following:

IMPORTANT:

No installation work shall be performed until the plans have been reviewed and approved.

Expect up to 10 working days for plan reviews per submittal.

CHECKLIST: (All plans submitted must contain the following)

- Proof of Contractor's license to be able to work within the village limits of Barrington Countryside, and unincorporated Barrington Countryside.
- Must be certified electrician to install Fire Alarm System, must be licensed to install Fire Alarm Systems.

FIRE ALARM DRAWINGS:

- Must submit Fire Alarm drawings to the Barrington Countryside Fire Protection District, Fire Prevention Bureau, to 22222 N. Pepper Road, Lake Barrington, IL 60010. Any questions please contact the Bureau at 224-848-4860
- Must submit 3 complete sets of fire alarm drawings and one on CD in PDF format, and cut sheet/product information. The scaled drawings must include the following:
- Title block to include the following information: Property name and address, Alarm Company name and address, date of drawing with space for revision dates, classification of the system per NFPA 72 1.3.1, who drew the drawing, the scale of the drawing, label the drawing as Fire Alarm System Standard or Addressable, Number of pages of the drawing.
- A legend of Fire Alarm System located on one sheet to indicate the type of device installed.

APPENDIX B (CONTINUED)

FIRE ALARM DRAWINGS:

- A point-to-point wire diagram indicating the number of wires and gauge for each wire run. Include EMT size when appropriate. Include a statement in the installation notes under the symbols legend indicating the type of wire and gauge for each circuit.
- An on line and riser diagram for all devices, notification circuits, auxiliary circuits, initiating circuits, and circuit designation.
- Include overall dimension of the building on each floor and square footage. Ceiling heights and ceiling construction and the use of each room must be identified on the drawings.
- Drawings need to be clear, legible and understandable. Drawings must be of a fire alarm design only.

CALCULATIONS:

- Wire size, type, and resistance value.
- Voltage drop calculations.
- Battery calculations (minimum 60 hour battery backup with 5 minutes of alarm)

SPECIFICATION SHEETS:

All pertinent information shall be highlighted on the sheet. Please provide cut sheets for all devices installed.

- FACP - Type, Listing, Current Draw.
- Batteries – Type, Listing, Current Draw.
- Smoke Detector – Type, Configuration, Spacing, Current Draw.
- Heat Detector – Type, Configuration, Spacing, Current Draw.
- Shunt Trip Heat Detector – Type, Rating, RTI-elevators.
- Duct Detectors – Switch located on Fire Alarm panel (reset stations need to be located near the panel)
- Manual Pull Stations – Type, Configuration.
- Audible Appliances – Type, Rating, Power Tap.

APPENDIX B (CONTINUED)

SPECIFICATION SHEETS:

- Alarm Temporal Pattern.
- Visual Appliances – Type, Configuration.
- Protective Covers – Type, Attenuation.
- Water Flow Devices – Type, Configuration.
- Supervisory Device – Type, Configuration.
- Synchronization Module – Type, Current Draw.
- Sequence of operation.
- Class and Style of Signaling Line Circuits.
- Class and Style of Notification Appliance Circuits.

ADDITIONAL SUBMITTAL INFORMATION REQUIRED:

- UL listed Remote station (Barrington Countryside Fire Protection District Dispatch Center)
- Graphic Map with initiating device locations.
- Measured or ambient sound levels used.
- Alarm signal devices shall produce a sound that exceeds the Average Ambient Sound Level Table (NFPA Standard 72)
- A Record of Completion – shall be prepared and submitted at final inspection (Record of completion can be found in Section 1-6.2 in NFPA 72)
- A stamped set of plans and cut sheets approved by the Fire District shall be available at the worksite at all times.

INSPECTIONS:

ROUGH INSPECTION. A rough inspection of all fire alarm wiring shall be done by the Barrington Countryside Fire Protection District prior to the installation of drywall and/or ceiling materials.

APPENDIX B (CONTINUED)

FINAL INSPECTION:

No acceptance testing will be conducted prior to completion of construction. A minimum of 2 working days is needed to schedule test.

Final acceptance is subject to Field Inspection.

Re-inspection fees will be charged for re-inspections needed due to incomplete systems and/or failure to follow the above rules.

An appointment is needed to be scheduled to have the final inspection completed. No testing will occur until all communicators are operational and being monitored.

The contractor must provide the Barrington Countryside Fire Protection District with a certificate stating that the fire protection systems are installed in full compliance with NFPA standards, IBC/IFC requirements, and that all acceptance tests have been conducted. This certificate must be presented to the Fire Inspector at the time of the final acceptance test for the system.

The contractor must also supply a NFPA 72 worksheet at the time of the fire alarm acceptance test.

Appendix C is added to read as follows:

APPENDIX C

BARRINGTON COUNTRYSIDE FIREPROTECTION DISTRICT SPRINKLER SYSTEM PLAN SUBMITTAL CHECKLIST

This checklist is an effort to help provide a uniform approach for the design community and to provide owners and sprinkler system designers with complete sprinkler system design and submittal package requirements.

When submitting plans for review all plan submittals must include this Sprinkler System Plan Submittal Checklist or they will not be accepted. By completing this checklist and including all of the necessary information requested it is the intent of this document to provide efficient and appropriate turnaround of the plans submitted. It is the responsibility of the installer/designer to assure that all applicable code requirements are followed. All plans that are rejected and resubmitted will have additional fees charged for plan review.

The installation, renovation, addition, and/or maintenance of any sprinkler system shall comply with the following:

IMPORTANT:

**No installation work shall be performed until the plans have been reviewed and approved.
Expect up to 10 working days for plan reviews per submittal.**

CHECKLIST: (All plans submitted must contain the following)

- Proof of Contractor's license to be able to work within the Villages and unincorporated areas of the Barrington Countryside Fire Protection District.
- Must be licensed to install Sprinkler Systems with the Illinois Office of the State Fire Marshal.

SPRINKLER SYSTEM DRAWINGS:

- Must submit Sprinkler System drawings to the Barrington Countryside Fire Prevention Bureau at 22222 N. Pepper Road, Lake Barrington, IL 60010. Any questions please contact the bureau at (224) 848-4860
- Must submit 3 complete sets of sprinkler systems drawings and one on CD in PDF format and cut sheet/product information. The scaled drawings must include the following

Title block to include the following information: Property name and address, Sprinkler company name/Contractor name, address and phone number, date of drawing with space for revision dates, classification of the system per NFPA 13, who drew the drawing, and a detailed scope of work.

APPENDIX B (CONTINUED)

SPRINKLER SYSTEM DRAWINGS:

- All hydraulic node points shall be shown clearly on the drawing.
- The specific type and quantity of sprinklers shall be provided one every page.
- All ceiling information including soffits, heights, construction type, slope, etc. shall be shown and noted with cross section detailed on the plans.
- Specific code sections and storage information shall be provided for all design densities over an Ordinary Group II.
- Provide a scaled site plan clearly showing the building fire department connection location and fire hydrant locations.

Drawings need to be clear, legible and understandable. Drawings must be of a sprinkler system design only.

CALCULATIONS:

- Hydraulic calculations shall clearly show the friction loss for the backflow preventer and include a graph curve sheet.
- Fire hydrant flow test information shall be dated and less than one (1) year old.

SPECIFICATION SHEETS:

All pertinent information shall be highlighted on the sheet. Please provide cut sheets for all devices installed.

- All sprinklers, valves, etc. shall be included on the cut sheets.

ROUGH INSPECTION. A rough inspection of all sprinkler piping shall be done by the Barrington Countryside Fire Protection District prior to the installation of drywall and/or ceiling materials.

TESTS:

A flush of the underground water mains must be made prior to the connection to the sprinkler system. All tests must be witnessed by the Barrington Countryside Fire Protection District.

All underground and overhead systems and piping should be hydrostatically tested with water at not less than 200 psi for two hours. This test must be witnessed by the Barrington Countryside Fire Protection District.

APPENDIX B (CONTINUED)

TEST:

When the system is complete a 2 inch main drain test must be completed and must be witnessed by the Barrington Countryside Fire Protection District.

When the system is completed a wet system inspectors test must be completed and the inspectors test report must be provided to the Barrington Countryside Fire Protection District.

FINAL INSPECTION:

No acceptance testing will be conducted prior to completion of construction. A minimum of 2 working days is needed to schedule test.

Final acceptance is subject to Field Inspection.

Re-inspection fees will be charged for re-inspections needed due to incomplete systems and/or failure to follow the above rules.

An appointment is needed to be scheduled to have the final inspection completed.

The contractor must provide the Barrington Countryside Fire Protection District with a certificate stating that the fire protection systems are installed in full compliance with NFPA standards, IBC/IFC requirements, and that all acceptance tests have been conducted. This certificate must be presented to the Fire Inspector at the time of the final hydrostatic/acceptance test.

Appendix C is added to read as follows:

APPENDIX C

BARRINGTON COUNTRYSIDE FIREPROTECTION DISTRICT FIRE INSPECTION PROCESS

A. INITIAL INSPECTION (1st Inspection)

Fire Inspectors from the Barrington Countryside Fire Protection District will make a thorough inspection of your building to ensure it is in compliance with the District's Fire Prevention Code. If any violations are found, the building owner or occupant will be notified in writing with the District's fire inspection form. The form will list those corrections that must be made to bring the premises into compliance with the Fire Prevention Code.

B. FIRST RE-INSPECTION (2nd Inspection)

No sooner than (15) days of the initial inspection, the Fire Inspectors from the Bureau will conduct a re-inspection of the premises to ensure that Fire Code violations noted on the initial inspection have been corrected.

C. FINAL RE-INSPECTION (3rd Inspection)

If a final re-inspection is required, the Fire Inspectors from the bureau will conduct a final re-inspection of the premises no sooner than (15) days of the second inspection to ensure the Fire Code violations have been corrected.

D. ADDITIONAL FINAL RE-INSPECTION (4TH Inspection)

If an additional final re-inspection is required, a fee of not less than \$25.00 will be charged. The Fire Inspectors from the bureau will conduct the re-inspection of the premises to ensure that the Fire Code violations have been corrected.

***** NOTE *****

Failure to correct the violations and or conditions may nullify your insurance.

**BARRINGTON COUNTRYSIDE FIRE
PROTECTION DISTRICT WRITTEN REQUEST FOR
RECORDS**

Dear Chief (or designee):

(I), (We), are hereby requesting that (I), (We)

_____ Inspect the following records at the Barrington Countryside Fire Protection District Office

_____ Receive copies of the following records from the Barrington Countryside Fire Protection District

(Please be specific in listing records)

DATE AND LOCATION

Fire Report Hazardous Spills Car Fire Other

I understand that if I request that the records be copied, I will be charged a set fee of \$0.25 per page, payable in full when the copies are picked up. The cost for a copy of a fire report or ambulance report is \$25.00 each. All REQUESTS for ambulance reports must be accompanied by an **ORIGINAL FORM SIGNED BY THE PATIENT. Requests for fire reports must bear the original signature of the insured.**

Date of Request

Print Name

Signature (s) of Requester (s)

Address

Phone #

(Office Use Only)

Date Request Received _____

TURNING PERFORMANCE ANALYSIS

Turning Performance Analysis

1. The distance from the centerline of the front axle to the end of the basket is 142 inches.
2. The distance from the centerline of the rearmost rear axle to end of the bumper is 167 inches.
3. The distance between the centerlines of the two rear axles is 53 inches.

Attachment A is added to read as follows:

ATTACHMENT A

REFERENCED CODES AND STANDARDS: The codes and standards referenced in this code shall be those that are listed in Chapter 47 and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between the provisions of this code and the referenced standards, the most stringent provision shall apply.

The following NFPA codes/standards and editions are to be adopted in their entirety:

NFPA 10. 2007 edition. Standard for portable fire extinguishers.

NFPA 13, 2007 edition. Standard for the Installation of Sprinkler System

NFPA 13R. 2007 edition. Standard for the Installation of Sprinkler Systems Low Rise Residential Occupancies.

NFPA 13D. 2007 edition. Standard for the Installation of Sprinkler Systems in Two Family Dwellings and Manufactured Homes.

NFPA 14. 2007 edition. Standard for the Installation of Standpipe and Hose Systems.

NFPA 15. 2007 edition. Standard for Water and Spray Fixed Systems for Fire Protection.

NFPA 16. 2007 edition. Standard for the Installation of Foam-Water Sprinkler and Foam Water Spray Systems.

NFPA 24. 2007 edition. Private Fire Service Mains and Their Appurtenances.

NFPA 25. 2008 edition. Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems.

NFPA 33. 2007 edition. Standard for Spray Application using Flammable and Combustible Materials.
NFPA 70. 2008 edition. National Electrical Code.

NFPA 72. 2010 edition. National Fire Alarm and Signaling Code.

NFPA 96. 2008 edition. Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations.

NFPA 101. 2012 edition. Life Safety Code.

NFPA 1123 2006 edition. Code for Fireworks Display's. Chapter 4.3 Installation of Mortars and Chapters 4.4 Installation of Buried of Buried Mortars are omitted.

Attachment B

PLAN REVIEW, INSPECTION AND MISCELLANEOUS FEES: COMMERCIAL AND INDUSTRIAL PROPERTY

The following schedule of fees shall be imposed for the following services in connection with the review and approval of construction drawings and the inspection(s) of newly constructed or renovated structures prior to the approved occupancy of such structures or the approval of newly installed fire suppression and alarm systems.

ARCHITECTURAL/LIFE SAFETY REVIEW:

Plan review fees will be calculated at \$.05 per square foot.

SITE PLAN – NEW DEVELOPMENT

Preliminary site reviews and preconstruction meetings.....\$150.00

SPRINKLER PLAN REVIEWS and TESTS COST SCHEDULE:

01 to 25 sprinkler heads.....\$150.00

26 to 50 sprinkler heads..... \$300.00

51 to 100 sprinkler heads.....\$600.00

Over 100 sprinkler heads.....\$1.50 per head

Hydrostatic test.....\$200.00 per riser

Failed Hydrostatic test.....\$200.00 per riser

Sprinkler inspection.....\$100.00 per riser

STANDPIPE SYSTEM REVIEW/TEST:

Standpipe review.....\$200.00 per riser

Hydrostatic test.....\$200.00 per riser

Failed Hydrostatic test.....\$200.00 per riser

Fire Pumps:

Fire pump review.....\$200.00

Fire pump test.....\$100.00

ATTACHMENT B (CONTINUED)

FIRE ALARM PLAN REVIEWS/INSPECTION:

0 to 10,000 sq. ft.....	\$350.00
Each additional 10,000 sq. ft.....	\$150.00
Fire Alarm Inspection.....	\$100.00

COMMERCIAL COOKING SYSTEMS REVIEWS/INSPECTIONS:

Hood and duct review.....	\$250.00
Each additional hood and duct system.....	\$150.00
Hood and duct inspection.....	\$100.00
Hood suppression review.....	\$250.00
Each additional hood suppression system.....	\$150.00
Suppression system test.....	\$100.00

FOAM EXTINGUISHING SYSTEM REVIEW/INSPECTIONS:

Each system.....	\$150.00
Foam extinguishing system test.....	\$100.00

CARBON DIOXIDE EXTINGUISHING SYSTEM REVIEW/INSPECTIONS:

Each system.....	\$150.00
Carbon dioxide system test.....	\$100.00

DRY CHEMICAL EXTINGUISHING SYSTEM REVIEW/INSPECTION:

Each system.....	\$150.00
Dry Chemical extinguishing test.....	\$100.00

ABOVE OR BELOW GROUND STORAGE TANKS:

Per tank.....	\$150.00
Tank inspection.....	\$100.00

ATTACHMENT B (CONTINUED)

Plans which are revised and re-submitted will be charged 50% of the initial review fee for each resubmittal.

Re-inspection fees will be at \$50.00 per man hour per person required. A minimum of one hour will be charge. After the first hour broke down into 30-minute increments.

ADDITIONAL OR EXCEPTIONAL EXPENSES: The applicant shall pay all additional or exceptional charges incurred and not covered by the above fee schedule. There will be a \$100.00 processing fee for plans that are expedited.

FIRE EXTINGUISHING SYSTEMS: Certification of inspections is to be submitted to the Barrington Countryside Fire Protection District for all fire extinguishing systems which require semi-annual or annual inspection. If this is not complied with, the business shall be fined \$100.00 and the required inspection completed with the Fire Prevention Bureau to witness. The property owner shall be sole responsible for any fees incurred for the service provider to perform the test.

SPECIAL CONSULTATION: Actual cost +10% or \$75.00 whichever is greater.
For any fire protection concerns in which the Barrington Countryside Fire Protection District or the Fire Prevention Officer determines that additional technical recourses for technical assistance is required from source(s) outside of staff, the applicant shall be responsible for the actual consultant fee charged plus 10% or \$75.00 whichever is more per building. This shall not include the outside review of plans. The applicant shall be responsible for all consultants' cost.

PLAN REVIEWS CONDUCTED BY OUTSIDE AGENCIES: The Fire Chief of the Barrington Countryside Fire Protection District shall make the determination as to whether the plans are reviewed in house or by an outside agency. Fees from outside plan reviewers are to be paid by the contractor at the time of submittal plus a processing fee to the Barrington Countryside Fire Protection District in the amount of \$250.00.

SPECIAL PERMITS: For the performance of services, reviews, and inspections required for the issuance of any special permit. \$100.00

SPECIAL USE/EVENTS PERMIT.....\$100.00

SPECIAL PERMITS: Special permits issued for a period of six (6) months or longer shall be charged a yearly fee and shall be reviewed every six (6) months. A fee of \$75.00 per hour shall be charged.

FIREWORKS: Outside display Inspection fee..... \$100.00

FINAL INSPECTIONS:

Initial Final Inspection..... \$125.00

ATTACHMENT B (CONTINUED)

Each additional re-inspection due to failure or non-compliance.....	\$100.00
Pre-final stocking inspection.....	\$125.00
Kisok.....	\$50.00

WORKING WITHOUT APPROVED PLANS: Fees double for all work in the occupancy.

NO APPROVED PLANS ON THE JOB SITE:

First offence.....	Verbal Warning
Second offense per/day per occurrence.....	\$100.00

CERTIFICATES OF OCCUPANCIES: The businesses of the Barrington Countryside Fire Protection District are required to have inspections performed throughout the year in order to receive their certificate of occupancy. The Occupant shall pay to the District and the District will charge and collect the following for the necessary inspections and testing, or to witness testing related to the issuance of such certificate of occupancy.

PLAN REVIEW, INSPECTION, AND MISCELLANOUS FEES: RESIDENTIAL PROPERTY

The following schedule of fees shall be imposed for the following services in connection with the review and approval of construction drawings and the inspection(s) of newly constructed or renovated structures prior to the approved occupancy of such structures or the approval of newly installed fire suppression and alarm systems.

Single family homes.....	No Cost
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All other Residential Groups:

Preliminary site reviews and preconstruction meetings.....	\$150.00
Sprinkler Plan Review.....	See Sprinkler Plan Review and Test Cost Schedule
Hydrostatic test.....	\$200.00 per riser
Failed Hydrostatic test.....	\$200.00 per riser
Sprinkler inspection.....	\$100.00 per riser
Fire Alarm Plan Review.....	\$200.00
Fire Alarm Inspection and testing.....	\$200.00

ATTACHMENT B (CONTINUED)

STANDPIPE SYSTEM REVIEW/TEST:

Standpipe review.....\$200.00 per riser
 Hydrostatic test.....\$200.00 per riser
 Failed Hydrostatic test.....\$200.00 per riser

Fire Pumps:

Fire pump review..... \$200.00
 Fire pump test..... \$100.00

RESIDENTIAL BUILDING INSPECTIONS WITH PUBLIC AREAS: Each entrance to a separate area of a building shall be inspected. This section covers only R-2 residential buildings. Front and rear doors in the same area are counted as only one entrance.

UNITS PER FLOOR	1 & 2 UNITS	3 UNITS	4 UNITS	6 UNITS	8 UNITS
1 Story	\$200.00	\$220.00	\$240.00	\$260.00	\$280.00
1 Story & Basement /Garage	\$220.00	\$240.00	\$260.00	\$280.00	\$340.00
2 Story	\$220.00	\$260.00	\$340.00	\$380.00	\$400.00
2 Story & Basement / Garage	\$240.00	\$280.00	\$360.00	\$400.00	\$420.00
3 Stories	\$240.00	\$340.00	\$400.00	\$460.00	\$520.00
3 Stories & Basement /Garage	\$260.00	\$360.00	\$420.00	\$480.00	\$540.00
4 Stories	\$260.00	\$380.00	\$460.00	\$540.00	\$600.00
4 Stories & Basement/Garage	\$280.00	\$400.00	\$500.00	\$560.00	\$620.00

+ \$50.00 Per Unit per Floor over 8 units. Fees will only be assessed for initial certificates of occupancy.

OFF HOURS INSPECTIONS, AFTER NORMAL WORKING HOURS:

Monday thru Friday..... \$80.00 per man hour, minimum 1 hour
 Saturday or Sunday.....\$120.00 per man hour, minimum 1 hour

EMERGENCY ACCESS MAINTENANCE: It shall be the responsibility of every property owner and/or manager to provide current telephone numbers, current insurance information and contact persons to be notified in case of emergency involving their property and/or building. Changes should be made in writing and sent or faxed to the Barrington Countryside Fire Protection District.

ATTACHMENT B (CONTINUED)

If a business changes locks, they must notify the Fire Department and get new keys for the Knox box. If the Fire Department responds and the keys in the box are not valid the business may be fined.

First Offense..... Warning Letter

Second Offense\$50.00

Third Offense \$100.00

Forth and subsequent is double the previous fee as long as occupancy is under the same owners

RESIDENTIAL BUILDING INSPECTIONS WITH PUBLIC AREAS: Each entrance to a separate area of a building shall be inspected. This section covers only R-2 residential buildings. Front and rear doors in the same area are counted as only one entrance.

UNITS PER FLOOR	1 & 2 UNITS	3 UNITS	4 UNITS	6 UNITS	8 UNITS
1 Story	\$200.00	\$220.00	\$240.00	\$260.00	\$280.00
1 Story & Basement /Garage	\$220.00	\$240.00	\$260.00	\$280.00	\$340.00
2 Story	\$220.00	\$260.00	\$340.00	\$380.00	\$400.00
2 Story & Basement / Garage	\$240.00	\$280.00	\$360.00	\$400.00	\$420.00
3 Stories	\$240.00	\$340.00	\$400.00	\$460.00	\$520.00
3 Stories & Basement /Garage	\$260.00	\$360.00	\$420.00	\$480.00	\$540.00
4 Stories	\$260.00	\$380.00	\$460.00	\$540.00	\$600.00
4 Stories & Basement/Garage	\$280.00	\$400.00	\$500.00	\$560.00	\$620.00

+ \$50.00 Per Unit per Floor over 8 units. Fees will only be assessed for initial certificates of occupancy.

OFF HOURS INSPECTIONS, AFTER NORMAL WORKING HOURS:

Monday thru Friday..... \$80.00 per man hour, minimum 1 hour

Saturday or Sunday..... \$120.00 per man hour, minimum 1 hour

ATTACHMENT B (CONTINUED)

OPEN BURN PERMIT FEE.....\$100.00

OPEN BURNING WITHOUT A PERMIT: The penalty for violations of section 307 shall be as follows:

RESIDENTIAL:

1st Violation.....Warning letter

2nd Violation.....\$50.00

3rd Violation.....\$100.00

COMMERCIAL:

1st Violation.....Warning letter

2nd Violation. \$50.00 - \$150.00

3rd Violation.....\$150.00 - \$300.00

*Cost of man power \$70.00 per man hour. 1 hour minimum.

*Cost of emergency apparatus per unit \$250.00 per hour. 1 hour minimum.

FIREWATCH: Per each Barrington Countryside Fire Protection District Personnel assigned.....\$70.00

ATTACHMENT C

FALSE ALARMS:

Section One: Definitions. For the purpose of this section, the following words and phrases shall have the meanings ascribed to them in this section.

- A. False Alarm. An alarm signals which indicates the existence of any emergency situation when in fact, no such emergency exists, and shall include any alarm signal generated by any fire protection system by whatever means.
- B. Improper Installation or Design: Under the scope of this definition when a new System is installed in a negligent or faulty manner, or when a System is designed in a substandard or faulty manner, either of which results in a False Alarm activation in a non-emergency situation.
- C. Improper Maintenance: Under the scope of this definition when existing Systems have not been properly maintained by the property owner, which results in a False Alarm activation in a non-emergency situation. This definition includes, but is not limited to, the proper maintenance of all components within any System.
- D. Improper Use: Under the scope of this definition when an action of a User results in a False Alarm activation in a non-emergency situation due to the User's carelessness or negligence.
- E. Intentional False Alarms: Those False Alarms that are purposely and non-accidentally activated in nonemergency situations without prior notification to the Barrington Countryside Fire Protection District.
- F. Malicious False Alarms: Those false alarms activated by unauthorized, untrained individuals who create a primary or subsequent incident due to the invasive action(s) to any portion of any system regardless of the situation or circumstance(s).
- G. Out of Service System: A System that has been disabled by an Alarm Technician or Fire District Personnel when it cannot currently operate as required.
- H. System: Includes all fire alarm systems, sprinkler systems and other automated systems that transmit or sound alarms or signals that require a response by the Fire District.
- I. Twelve-month Period: The Twelve-month Period shall be the 12 calendar months immediately preceding the date of the False Alarm for which the citation was issued.
- J. User: The owner of the property from which the False Alarm originates and any individual, partnership, corporation, organization or other entity on the property shall be included in this definition.

ATTACHMENT C (CONTINUED)

Section Two:

Schedule of Fines: The schedule of fines for False Alarms is as follows:

A. Type of False Alarms Charged: A User shall be cited for each False Alarm if such False Alarm is:

1. An Intentional False Alarm;
2. A Malicious False Alarm;
3. Due to or caused by Improper Installation or Design;
4. Due to or caused by Improper Maintenance;
5. Due to or caused by Improper Use; or
6. Resulting from any test, repair, alteration or addition to a System without prior notification thereof to the Barrington Countryside Fire Protection District.

B. Type of False Alarms Not Charged: A User shall not be charged for each of the following False Alarms when verified by Fire District Personnel:

1. Fire causing damage to structures or contents of protected premises.
2. Earthquake, tornado or hurricane winds causing structural damage to the protected premises.
3. Flooding to the protected premises due to overflow of natural drainage or other water leaks within the building.
4. Lightning causing physical damage to the protected premises.
5. Telephone line malfunction verified to the Fire District by an authorized telephone company supervisor within seven days of the occurrence.
6. Electrical service interruption verified to the Fire District by the local power company manager within seven days of the occurrence.
7. Plumbing or electrical malfunctions unrelated to the fire protection system.
8. A 30-day new system grace period with proof of installation date.

C. Fines: A User shall be fined for False Alarms as follows:

1. First False Alarm within a Twelve-month Period: warning letter (no fine).
2. Second False Alarm within a Twelve-month Period: \$200.00.

ATTACHMENT C (CONTINUED)

Section Two (continued)

3. Each additional False Alarm within a Twelve-month Period after two shall result in a false alarm charge of at least \$250.00, with each charge increasing by \$50.00 for each additional False Alarm, not to exceed \$500.00 per additional incident.

4. If the False Alarm is a Malicious False Alarm, the schedule of fines above shall apply and an additional fine of up to \$1000, and formal charges will be filed in accordance with 720 ILCS 5/26-1(a)(2) with the appropriate agency.

5. If the False Alarm is an Intentional Alarm, then an additional fine of \$1,000 shall be added to the fine listed above, and formal charges will be filed in accordance with 720 ILCS 5/26-1(a)(2) with the appropriate police agency.

D. Out of Service System: If a System: (i) cannot be restored or returned to normal, or (ii) gives three (3) or more False Alarms within a forty-eight (48) hour period, the Barrington Countryside Fire Protection District reserves the right to place the System out-of-service and may require a fire watch at its discretion. If District personnel are required to serve on fire watch, the offending User(s) must reimburse the District at the actual cost of personnel and equipment. Any System placed out-of-service under this section must be repaired and placed back in service within the time period specified by the Barrington Countryside Fire Protection District.

E. Join and Several Liability: More than one User may be charged under this Ordinance for a single False Alarm, and the User(s) so charged are jointly and severally liable for any citations and fines due under this Ordinance.

F. Additional Fines: That, in addition to the fines set forth in Section Two, if any User refuses to pay or fails to pay within 60 days of notice of the fine, the User will be deemed to have further violated this Ordinance and will incur an additional fine of not less than \$25, nor more than \$500 for each offense plus all legal fees and all costs caused by enforcement. Such fees and costs shall include, but not be limited to, staff costs of inspection or re-inspection, legal fees, and staff cost of enforcement. A separate offense shall be deemed committed for each day on which a violation occurs or continues.

G. Failure to Pay: Failure to pay any fine or penalty imposed by this Ordinance will result in the imposition of judicial proceedings to collect said fine or penalty. In the event it is necessary to seek judicial relief, the District shall be entitled to collect any and all attorneys' fees, witness fees and other court costs incurred by virtue of the court proceedings.

H. Revenues: All revenue from the charges assessed pursuant to this Ordinance shall be deposited in the general fund of the Barrington Countryside Fire Protection District.

Section Three:

Liability. The Barrington Countryside Fire Protection District assumes no liability for:

1. Any defects in the operation of a System.

ATTACHMENT C (CONTINUED)

2. For failure or neglect to respond appropriately upon receipt of an alarm.
3. For failure or neglect of any person in connection with the installation, operation or maintenance of any System.
4. The transmission of alarm signals, pre-recorded alarm message, or the relaying of such signals and messages.

Section Four:

Waivers. The Fire Chief and his designees are hereby permitted to waive the warnings and/or fees due under this Ordinance in cases of demonstrated financial hardship, intergovernmental cooperation, or in cases where Systems have been repaired or replaced and are operating properly. Requests for the waiver of fees must be made in writing to the Fire Prevention Bureau Chief, who shall make the initial determination as to the validity of the waiver request. Any waiver or forbearance under this Paragraph shall not be deemed a waiver by the District to pursue future violations by the user.

Section Five:

Appeal Procedure. All Users who are assessed fines in accordance with Section Two of this Ordinance or denied a waiver of fine pursuant to Section Four of this Ordinance shall have the right to appeal their fines before the Fire Chief of the District in accordance with the appeal procedure established below:

Step One. All applications for appeal shall be made in writing to the Fire Chief within fifteen (15) calendar days from the date that the fines under this Ordinance are imposed, or they are deemed waived. Upon receipt of an application for appeal, the Fire Chief will schedule a hearing on the User's appeal. Said hearing shall commence no less than fifteen (15) calendar days from the date that the Fire Chief receives the User's application for appeal. All Users making an application for appeal shall be given an opportunity to be heard and may appear with the representative of their choosing. The Fire Chief shall provide the User with a written notice of his decision within five (5) business days from the completion of the appeal.

Step Two. All Users that have completed Step One of this appeal procedure shall have the right to an additional appeal before the Board of Trustees of the District. Said appeal to the Board of Trustees shall be made in writing to the Fire Chief within fifteen (15) calendar days from the date that the Fire Chief renders his decision on Step One of the appeal procedure. All Users making an application for appeal before the Board of Trustees shall be given an opportunity to be heard and may appear with the representative of their choosing. The Board of Trustees may opt to appoint a hearing officer to hear the Step Two appeal. The hearing officer shall report his or her factual findings and any recommendations to the Board of Trustees at its next regular board meeting. The Board of Trustees shall deliberate and make a decision on the Step Two appeal at that meeting, and the Board or its designee shall provide the User with a final written determination on the appeal within five (5) business days of the date of its board meeting.