

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of
the Orland Fire Protection District this 1st day of November, 2006.

_____/s/ Patricia Corcoran_____

Secretary, Board of Trustees

Orland Fire Protection District

(CORPORATE SEAL AFFIXED)

AN ORDINANCE AMENDING THE ORLAND FIRE PROTECTION DISTRICT
FIRE CODE TO ADOPT THE 2006 INTERNATIONAL FIRE CODE WITH
AMENDMENTS AS THE FIRE CODE OF THE ORLAND FIRE PROTECTION
DISTRICT

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

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

WHEREAS, the Board of Trustees of the District deems it in the best interests of the District to adopt the 2006 International Fire Code with certain deletions and amendments; and

WHEREAS, a copy of the 2006 International Fire Code has been on file with the District for thirty (30) days and has, during that time, been available for public use, inspection, and examination.

NOW, THEREFORE, Be It Ordained by the President and Board of Trustees of the Orland Fire Protection District, Cook and Will Counties, Illinois, as follows:

SECTION 1

The Orland Fire Protection District Fire Code is hereby amended to delete and repeal the present language in its entirety and substitute the following:

1-1-1: IFC 2006 ADOPTED:

Adopted and applicable as the Fire Code of the Orland Fire Protection District are those rules and regulations set forth with particularity in the booklet entitled "International Fire Code 2006" first printing January, 2006, published by the International Code Council, Inc., amended, however, in that the following portions indicated in Section 1-1-2 hereof are not hereby adopted, or are hereby amended or added to that Code as indicated in Section 1-1-3 and as set forth with particularity in the document entitled "International Fire Code Update 2006."

SECTION 2

The Fire Code of the Orland Fire Protection District is hereby amended to delete in their entirety the following sections and subsections of the International Fire Code 2006.

1-1-2 DELETIONS FROM IFC 2006:

- 101.1 Title
- 102.3 Change of Use or Occupancy
- 105.4.4 Approved Documents
- 108.1 Board of Appeals Established
- 109.3 Violation Penalties
- 111.4 Failure to Comply
- 202 Definitions:
 - Change of Occupancy
 - Fire Watch
- 307.4.1 Bonfires
- 307.4.2 Recreational Fires
- 308.3.1.1 Liquefied Petroleum Gas-Fueled Devices
- 309.4 Fire Extinguishers
- 310.8 Hazardous Environmental Conditions
- 311.2.2 Fire Protection
- 404.2 Where Required
- 503.1 Where Required
- Exception 1 to 503.1.1
- 503.2.1 Dimensions
- 503.2.4 Turning Radius
- 503.2.5 Dead Ends
- 505.1 Address Numbers
- 506.1 When Required
- 508.5.1 Where Required
- 806.1.1 Restricted Occupancies
- Exceptions 1 and 2 to 807.4.3.1
- Exceptions 1 and 2 to 807.4.4.1
- 903.2.1.1 Group A-1
- 903.2.1.2 Group A-2
- 903.2.1.3 Group A-3
- 903.2.1.4 Group A-4
- 903.2.1.5 Group A-5
- 903.2.2 Group E
- 903.2.3 Group F-1
- 903.2.4 Group H
- 903.2.4.1 General
- 903.2.4.2 Group H-5 Occupancies
- Table 903.2.4.2
- 903.2.4.3 Pyroxylin Plastics
- 903.2.5 Group I
- 903.2.6 Group M
- 903.2.6.1 High-Piled Storage

- 903.2.7 Group R
- 903.2.8 Group S-1
- 903.2.8.1 Repair Garages
- 903.2.8.2 Bulk Storage of Tires
- 903.2.9 Group S-2
- 903.2.9.1 Commercial Parking Garages
- Exception to 903.2.10
- 903.2.10.1 Stories and Basements Without Openings
- 903.2.10.1.2 Openings on One Side Only
- 903.2.10.1.3 Basements
- 903.3.1 Standards
- 903.3.1.1.1 Exempt Locations
- 903.3.1.2 NFPA 13R Sprinkler Systems
- 903.3.5 Water Supplies
- 903.3.7 Fire Department Comments
- Exceptions 2, 4 and 5 to 903.4
- 903.4.1 Signals
- 904.3.5 Monitoring
- Exception to 906.1(1)
- 906.3 Size and Distribution
- 907.2 Where Required-New Buildings and Structures
- 907.2.1 Group A
- 907.2.2 Group B
- 907.2.3 Group E
- 907.2.4 Group F
- 907.2.5 Group H
- 907.2.6 Group I
- Exception 1 to 907.2.6.1
- 907.2.6.2 Group I-2
- 907.2.6.3 Group I-3 Occupancies
- 907.2.7 Group M
- 907.2.8 Group R-1
- 907.2.9 Group R-2
- 907.2.10.1.3 Group I-1
- 907.2.12 High-Rise Buildings
- 907.5 Power Supply
- 907.9 Zones
- 907.12 Duct Smoke Detectors
- 908.1 Group H Occupancies
- 912.2 Location
- 912.5 Backflow Protection
- 913.4 Valve Supervision
- Exception to 914.2.1(2)
- Exceptions to 914.3.1
- Exceptions to 914.4.1
- Exception to 914.7.1

- 1003.1 Applicability
- Exceptions to 1006.1
- Exception to 1006.2
- 1006.3 Illumination Emergency Power
- Exceptions to 1007.2.1
- Exceptions to 1007.3
- 1008.1.8.3 Locks and Latches
- Exception 2 to 1011.1
- 1011.2 Illumination
- Exception 6 to 1013.1
- Exceptions to 1027.5(1), 1027.5(4) and 1027.5(6)
- Exceptions to 1027.9
- 1417.3 Fire Extinguishers for Roofing Operations
- Exceptions to 1504.2
- Exception to 1904.1.1
- 2404.12 Portable Fire Extinguishers
- 2701.3.3.1 Properties of Hazardous Materials
- Exceptions 2 and 4 to 3301.1.3
- 3302 Definitions
 - Fireworks, 1.4G
- 3308.1 General
- 3308.2.1 Outdoor Displays
- 3308.11 Retail Display and Sale
- Appendix A
- Appendix B
- Appendix C
- Appendix E
- Appendix F
- Appendix G

SECTION 3

The Fire Code of the Orland Fire Protection District is hereby amended to include in their entirety the following sections and subsections as set forth in the International Fire Code Update 2006:

1-1-3: AMENDMENTS TO IFC 2006 AS SET FORTH IN IFC UPDATE 2006:

- 101.1 Title
- 101.2.2 Name Change
- 101.5.1 Conflicting Code Information
- 102.3 Change of Use or Occupancy
- 104.6.5 Written Request for Records
- 105.3.8 Certificate of Occupancy
- 105.4.4 Approved Documents
- 108.1 Board of Appeals Established

- 109.3 Violation Penalties
- 110.5 Fire Watch
- 111.4 Failure to Comply
- 202 Definitions:
 - Certificate of Use and Occupancy
 - Change of Occupancy
 - Change of Use
 - Fire Watch
- 307.4.1 Bonfires
- 307.4.2 Recreational Fires
- 308.3.1.1 Liquefied Petroleum Gas-Fueled Devices
- 309.4 Fire Extinguishers
- 310.8 Hazardous Environmental Conditions
- 311.2.2 Fire Protection
- 404.2 Where Required
- 503.1 Where Required
- 503.1.1.1 Public/Private Access for Fire Apparatus
- 503.2.1 Dimensions
- 503.2.4 Turning Radius
- 503.2.5 Dead Ends
- 505.1 Address Numbers
- 506.1 When Required
- 506.1.2 Type of Key Box
- 506.1.3 Location and Number: Knox Box Location
- 506.3 Electric Shunt Switch
- 507.4 Wood Truss Warning Signs
- 508.5.1 Where Required
- 508.5.1.1 Fire Department Connections
- 508.5.7 Fire Hydrant Installation
- 510.2 Access to Fire Equipment
- 511.1 Emergency Notification
- 607.1.1 Automatic Elevators for Fire Department Use
- 607.4 Elevator Phone
- 609.3 Hood System Suppression
- 806.1.1 Restricted Occupancies
- 901.2.2 Fire Alarm Installers
- 901.9.1 Materials and Contents Information
- 902.1 Definitions
 - Total Area
- 903.2.1.1 Group A-1
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- 903.2.1.5 Group A-5
- 903.2.1.6 Group B
- 903.2.2 Group E

- 903.2.3 Group F-1
- 903.2.4 Group H
- 903.2.5 Group I
- 903.2.6 Group M
- 903.2.7 Group R
- 903.2.8 Group S-1
- 903.2.8.1 Repair Garages
- 903.2.8.2 Bulk Storage of Tires
- 903.2.9 Group S-2
- 903.2.9.1 Commercial Parking Garages
- 903.2.10.1 Stories and Basements Without Openings
- 903.2.10.1.2 Openings on One Side Only
- 903.2.10.1.3 Basements
- 903.3.1 Standards
- 903.3.1.2 NFPA 13R Sprinkler Systems
- 903.3.5 Water Supplies
- 903.3.5.3 Safety Factor
- 903.3.5.4 Multi Tenant Occupancy
- 903.3.7 Fire Department Connections
- 903.4.1 Signals
- 904.3.5 Monitoring
- 905.3.1.1 Building Area
- 906.3 Size and Distribution
- 906.4.1 Wet Chemical Based Fire Extinguishers
- 906.5.1 Within 5 Feet of Exit Door
- 907.1.3 UL Certificates
- 907.1.4 UL Certificates Existing Systems
- 907.1.5 UL Fire Alarm Installation Requirements
- 907.1.6 Where Required-Existing Buildings and Structures
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- 907.2.1 Group A
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- 907.2.4 Group F
- 907.2.5 Group H
- 907.2.6 Group I
- 907.2.6.2 Group I-2
- 907.2.6.3 Group I-3 Occupancies
- 907.2.7 Group M
- 907.2.8 Group R-1
- 907.2.9 Group R-2
- 907.2.10.1.2.1 Group S
- 907.2.10.1.3 Group I-1
- 907.2.12 High-Rise Buildings
- 907.5 Power Supply
- 907.9 Zones

- 907.12 Duct Smoke Detectors
- 907.16.1 Elevator Emergency Telephones
- 907.18.1 Records of Completion
- 908.1 Group H Occupancies
- 909.20.6
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- 912.2 Location
- 912.5 Backflow Protection
- 913.4 Valve Supervision
- 1003.1 Applicability
- 1006.3 Illumination Emergency Power
- 1008.1.8.3 Locks and Latches
- 1011.1.2 Floor Proximity Exit Signs
- 1011.1.3 Floor Proximity Egress Path Marking
- 1011.2 Illumination
- 1405.7 Barrier Protection/Containment
- 1417.3 Fire Extinguishers for Roofing Operations
- 2404.12 Portable Fire Extinguishers
- 2404.14.1 Occupant Load Sign
- 2701.3.3.1 Properties of Hazardous Materials
- Exception 5 to 3301.1.3
- 3302 Definitions
 - Fireworks, 1.4G
- 3308.1 General
- 3308.1.1 General Requirements for All Pyrotechnic/Consumer Fireworks Displays
- 3308.2.1 Outdoor Displays
- 3308.2.3 Permit Fee
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- 3308.8.1 Fire Department Supervision of Displays
- 3308.11 Retail Display and Sale
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- Appendix A Basic Fire Control Measures
- Appendix B Fire Alarm Plan Submittal Checklist
- Appendix C Sprinkler System Plan Submittal Checklist
- Appendix E Written Request for Records
- Attachment A Referenced Codes and Standards
- Attachment B Fees

SECTION 4 PENALTIES – FIRE PREVENTION CODE

Any person who shall violate any of the provisions of this Ordinance or the Codes hereby adopted or fail to comply therewith, or who shall violate or fail to comply with any order made thereunder, or fail to pay a fee or fine set by this Ordinance or the Codes hereby adopted, or who shall build in violation of any detailed statement of specifications or plans submitted and approved thereunder and from which no appeal has been taken, or who shall

fail to comply with such an order as affirmed or modified by the Board of Trustees or the Code Official or by a court of competent jurisdiction, within the time fixed therein, shall severally for each and every such violation and noncompliance respectively, be punishable by a fine of not less than Fifty (\$50.00) Dollars nor more than One Thousand (\$1,000.00) Dollars, plus all legal fees and all costs caused by enforcement. Any such violation shall also be required to be corrected or remedied by all such persons as soon as possible. Each day that prohibited conditions are maintained shall constitute a separate offense.

The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions, including the issuance of mandatory injunctions.

SECTION 5 SAVINGS CLAUSE

That nothing in this Ordinance or in the Building and Fire Prevention Codes hereby adopted shall be construed to affect any lawsuit or proceeding pending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 2 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

SECTION 6 SEVERABILITY

6.1 It is hereby declared to be the intention of the Board of Trustees of the Orland Fire Protection District that the several provisions of this Ordinance, and all codes adopted hereby, are severable, in accordance with the following:

- A. If any Court of competent jurisdiction shall adjudge any section, subsection, paragraph, sentence, clause, phrase or word of this Ordinance or the Codes adopted hereby to be invalid, such judgment shall not affect any other section, subsection, paragraph, sentence, clause, phrase or word of this Ordinance, or the Codes adopted hereby, not specifically included in said judgment, and
- B. If any court of competent jurisdiction shall invalidate the application of any section, subsection, paragraph, sentence, clause, phrase or word of this Ordinance or Codes adopted hereby to a particular property, building, or other structure, or any items of personal property, such judgment shall not affect the clause, phrase or word of this Ordinance or Codes adopted hereby to any property, building, structure, or personal property not specifically included in said judgment.

6.2 It is the declaration of the Board of Trustees of the Orland Fire Protection District that if any section, subsection, paragraph, sentence, clause, phrase or word of this Ordinance or Codes adopted hereby be adjudged by a court of competent jurisdiction to be invalid, all remaining sections, subsections, paragraphs, sentences, clauses, phrases and words of this Ordinance, or Codes adopted hereby, would have been enacted by the Board of Trustees without the incorporation in this Ordinance, or Codes adopted hereby, of any such invalid or unconstitutional section, subsection, paragraph, sentence, clause, phrase or word of this Ordinance, or Codes adopted hereby.

**INTERNATIONAL
FIRE CODE
UPDATE
2006**

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SECTION 101

ADMINISTRATION - GENERAL

101.1 is amended to read as follows:

101.1 Title. These regulations shall be known as the *Fire Code* of Orland Fire Protection District, hereinafter referred to as "this code."

101.2.2 is added to read as follows:

101.2.2 Name Change. Any where in this code where the term "Fire Code Official" is used, it shall be changed to "Fire Prevention Code Official."

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 use or occupancy. A change of use or occupancy shall not be made to any building or tenant space without approval of the Code Official. The Code Official shall certify that such building or tenant space meets the provisions of law governing building construction for the proposed new use or occupancy. The building is required to comply with the fire protection requirements of this 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 Orland Fire Protection District Written Request for Records form. (Appendix E)

SECTION 105

PERMITS

105.3.8 is added to read as follows:

105.3.8 Certificate of occupancy. The Code Official shall issue a certificate of occupancy only if, after inspection, he/she finds that such building or tenant space complies with the provisions of this Ordinance and all other Ordinances of the Orland Fire Protection District, Cook County, 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 Attachment B (Fees), 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 addressed 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 as follows:

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 be the board of trustees of the Orland Fire Protection District. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant 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 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 (\$1,000.00) thousand dollars, plus all legal fees and all costs caused by enforcement. Such fees and costs shall include, but not limited to, staff costs of inspection or re-inspection, 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 as follows:

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 Orland 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 vents where there will be space for standing room over the seating area and the 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 is amended 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 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 (\$1,000.00) thousand dollars.

SECTION 202

GENERAL DEFINITIONS

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 a 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 provisions of law governing building construction, equipment or means of egress.

Fire Watch is amended to read as follows:

FIRE WATCH. A temporary measure intended to ensure continuous and systematic surveillance of a building or portion thereof by one or more qualified Orland Fire Protection District 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 307

OPEN BURNING AND RECREATIONAL FIRES

307.4.1 is amended to read as follows:

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 to within 50 feet of a structure or combustible material 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 25 feet of a structure or combustible material. Conditions which could cause a fire to spread within 25 feet of a structure or combustible material shall be eliminated prior to ignition. Recreation 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. Recreation fires may only contain cut, natural wood that will fit within the confines of the container.

SECTION 308

OPEN FLAMES

308.3.1.1 is amended to read as follows:

308.3.1.1 Liquefied petroleum gas-fueled devices. LP gas burners having an LP gas container with a water 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 other 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 as follows:

310.8 Hazardous environmental conditions. When the fire code official determines that hazardous environmental conditions necessitate controlled use of smoking materials, the ignition of such materials in mountainous, brush/forest covered areas, landscaped areas where organic

mulch is utilized, or other designated areas is prohibited except in approved designated smoking areas.

SECTION 311 VACANT PREMISES

311.2.2 is amended to read as follows:

311.2.2 Fire Protection. Fire alarm, sprinkler and standpipe systems shall be maintained in an operable condition at all times.

SECTION 404

FIRE SAFETY AND 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 is amended to read as follows:

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

Exception 1 to 503.1.1 is deleted.

503.1.1.1 is added to read:

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

503.2.1 is amended to read:

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

503.2.4 is amended to read:

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

503.2.5 is amended to read as follows:

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

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 is plainly 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 of 6 inches high. Interior tenant spaces shall be a minimum 4-inch high numbers.

SECTION 506

KEY BOXES

506.1 is amended to read as follows:

506.1 When required. All newly constructed 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 include

building systems, controls and devices, such as but not limited to: Fire alarm systems, automatic fire sprinkler systems, elevator controls, electrical rooms and mechanical rooms.

Exception: Key boxes are not required for single-family detached dwellings.

506.1.2 is added to read as follows:

506.1.2 Type of key box. The type of key box approved for use by the Orland Fire Protection District is the Knox box brand key vault/rapid entry system. The Orland Fire Protection District shall be in complete control of key box and rapid entry system authorization and operation. The Orland 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 Prevention Code Official.

506.1.3 is added to read as follows:

506.1.3 Location and number: Knox box location. The installation location of the Knox box shall be approved by the Fire Code Official. The Knox box shall be mounted at the height of six feet above the finished floor. All “Knox Boxes” shall be supervised in the trouble mode of the fire alarm system. The total number of Knox Boxes required shall be determined by the Code Official.

506.3 is added to read as follows:

506.3 Electric shunt switch. An electric Knox shunt/shut off switch shall be required in buildings of all use groups with multiple electric panel rooms and/or buildings having an 800 ampere service or greater.

- a.) Switch will be mounted next to main Knox, box or at a location specified by the fire code official.
- b.) Switch should be mounted at a height of 6 (six) feet from the finished floor.

SECTION 507 HAZARDS TO FIREFIGHTERS

507.4 is added to read as follows:

507.4 Wood truss warning signs. The owner of any commercial, industrial, or multi-family structure which has a wooden truss roof assembly shall be required to mount warning signs meeting the following minimum requirements:

Size and construction: A six (6”) red metallic letter ‘T’ sign located on the front and rear entrances (preferably under the building address), or in a location to be determined by the Fire Prevention Code Official.

Property owner responsibility: It shall be the responsibility of each property owner to mount, maintain, and prevent obstruction of any warning signs required to be mounted on the building or structure.

**SECTION 508
FIRE PROTECTION WATER SUPPLIES**

508.5.1 is amended to read as follows:

508.5.1 Where required. Fire hydrants shall be located along a fire apparatus access road so that no portion of a building or facility will be more than 300 feet from any hydrant. Additional hydrants and mains shall be provided where required by the code official.

508.5.1.1 is added to read as follows:

508.5.1.1 Fire department connections. Hydrants shall be located within 75 feet to any fire department sprinkler or standpipe connection as determined by the code official. Delete exemption #2.

508.5.7 is added to read as follows:

508.5.7 Fire hydrant installation. Fire hydrants shall be installed so that:

1. Access: Access to fire hydrants shall be by any approved roadway as specified by this code.
2. Distance to Roadways: Hydrants shall be located approximately ten (10) feet from all weather roadways.
3. Pumper Outlet Direction: Each hydrant shall have the 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.
4. Hydrant Outlet Location: Fire hydrant outlets shall be a minimum of eighteen (18) inches and no more than thirty-six (36) inches above the finished grade.
5. Hydrant Type: Fire hydrants used in conjunction with water supplies shall be of a type acceptable to the Orland Fire Protection District.

SECTION 510

FIRE DEPARTMENT ACCESS TO EQUIPMENT

510.2 is added to read as follows:

510.2 Access to fire equipment. In multiple single-family dwellings where there is no common area, fire alarm panels and sprinkler system valves shall be located in a room accessible only to

fire district personnel from the exterior of the building. The fire department shall have access at any time to such equipment without entering an individual dwelling unit.

SECTION 511

EMERGENCY NOTIFICATION

511.1 is added to read as follows:

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

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 stretcher use by the fire department. Minimum size to be 2500 pounds with a clear inside dimension of 6'8" wide x 4'3" deep with a 42" side slide door.

607.4 is added to read as follows:

607.4 Elevator phone. All required emergency elevator phones shall directly dial the Orland Fire Protection District's Communications Center via the phone number designated by the code official.

**SECTION 609
COMMERCIAL KITCHEN HOODS**

609.3 is added to read as follows:

609.3 Hood system suppression.

All hood and duct extinguishing systems shall comply with the U.L. Standard # 300 and be supervised by the buildings fire alarm system.

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. Exception is deleted.

**SECTION 807
DECORATIVE MATERIALS OTHER THAN DECORATIVE
VEGETATION IN NEW AND EXISTING BUILDINGS**

Exceptions 1 and 2 to 807.4.3.1 are deleted.

Exceptions 1 and 2 to 807.4.4.1 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 system 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".

901.9.1 is added to read as follows:

901.9.1 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 any standpipes, and the location and method an operation of any detection and alarm devices.

**SECTION 902
DEFINITIONS**

Total Area is added to read as follows:

TOTAL AREA. For purposes of calculating total square feet and fire areas, the total floor area includes mezzanines and basements contained within the surrounding exterior walls of the building on all floors and levels, which are added together. The area included within the surrounding exterior walls of a building including roof overhangs, extensions, and all enclosed extensions, which are also added to the calculation. Areas of a building not provided with surrounding walls shall be included within the building area if such areas are included within the horizontal projection of the roof or floor above. Interior walls, including fire walls, and party walls, shall not be considered as walls which divide a structure into two or more separate buildings, but a structure containing such interior walls shall be considered as one building for the purpose of this section.

SECTION 903

AUTOMATIC 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.

903.2.1.6 is added to read as follows:

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

903.2.2 is amended to read as follows:

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

903.2.3 is amended to read as follows:

903.2.3 Group F-1: An automatic sprinkler system shall be provided throughout all Group F-1 occupancies.

903.2.4 is amended to read as follows:

903.2.4 Group H: An automatic sprinkler system shall be installed in all Group H occupancies.

903.2.4.1 is deleted.

903.2.4.2 is deleted.

Table 903.2.4.2 is deleted.

903.2.4.3 is deleted.

903.2.5 is amended to read as follows:

903.2.5 Group I: An automatic sprinkler system shall be installed in 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.

903.2.6 is amended to read as follows:

903.2.6 Group M: An automatic sprinkler system shall be installed in all Group M occupancies.

903.2.6.1 is deleted.

903.2.7 is amended to read as follows:

903.2.7 Group R: An automatic sprinkler system shall be installed in all Group R occupancies. Except for single family residences less than 5000 sq. ft.

903.2.8 is amended to read as follows:

903.2.8 Group S-1: An automatic sprinkler system shall be installed in all Group S-1 occupancies.

903.2.8.1 is amended to read as follows:

903.2.8.1 Repair garages. An automatic sprinkler system shall be installed in all repair garage occupancies.

903.2.8.2 is amended to read as follows:

903.2.8.2 Bulk storage of tires. An automatic sprinkler system shall be installed in all Bulk Storage of Tires buildings.

903.2.9 is amended to read as follows:

903.2.9 Group S-2. An automatic sprinkler system shall be provided throughout all buildings classified as an enclosed parking garage.

903.2.9.1 is amended to read as follows:

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

The exception to 903.2.10 is deleted.

903.2.10.1 is amended to read as follows:

903.2.10.1 Stories and basements without openings. An automatic sprinkler system shall be installed without openings.

903.2.10.1.2 is amended to read as follows:

903.2.10.1.2 Openings on one side only. 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.

903.2.10.1.3 is amended to read as follows:

903.2.10.1.3 Basements. All basements shall be equipped throughout with and approved automatic sprinkler system.

903.3.1 is amended to read as follows:

903.3.1 Sprinkler systems shall be designed and installed in accordance with sections 903.3.1.1 through 903.3.1.3. All sprinkler piping material is to be approved metallic piping. Plastic pipe is not allowed for sprinkler pipe material except for an R-3 use group.

903.3.1.1.1 is deleted.

903.3.1.2 is amended to read as follows:

903.3.1.2 NFPA 13R sprinkler systems. In use group R2 buildings less than three residential stories in height systems may be designed and installed in accordance with 13R. An addressable fire alarm system shall be installed as required by the Orland Fire Protection District.

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. 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 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 shall have its own sprinkler supply line off the main or riser with its own water flow switch and control valve. A strobe light shall be mounted on the exterior front of that tenant space and as indicated in Section 903.4. The strobe light shall activate upon water flow and/or fire alarm activation 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 prevention code official. The fire department connection shall consist of one five inch Storz coupling on a 30 degree elbow mounted between 36 inches and 48 inches above the finished floor.

Exceptions 2, 4 and 5 to 903.4 are deleted.

903.4.1 is amended to read as follows:

903.4.1 Signals. Alarm, supervisory and trouble signals shall be distinctly different and shall be directly connected to the communications center of the Orland Fire Protection District in a method approved by the Fire Prevention Code Official as defined in NFPA 72.

SECTION 904

ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

904.3.5 is amended to read as follows:

904.3.5 Monitoring. All automatic fire extinguishing systems shall be monitored by a fire alarm system directly connected to the communications center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72.

SECTION 905

STANDPIPE SYSTEMS

905.3.1.1 is added to read as follows:

905.3.1.1 Building area. Class I standpipe systems shall be installed in all buildings where any portion of the building's interior area is more than 150 feet of travel, vertically, and horizontally, from the main entrance of the building of fire department vehicle access. Where the most remote portion of a floor or story is more than 150 feet from a hose connection, the Fire Prevention Code official may require that additional hose connections be provided in approved locations.

SECTION 906

PORTABLE FIRE EXTINGUISHERS

The exception to 906.1(1) is deleted.

906.3 is amended to read as follows:

906.3 Size and distribution. The minimum size fire extinguisher for use in all occupancy groups shall be 4A60BC. All other applications shall be in accordance with the provisions of NFPA 10.

906.4.1 is added to read as follows:

906.4.1 In areas with a wet chemical fire suppression system shall have a minimum of one 6 (six) 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 5 feet of each exit door. All other areas shall have fire extinguishers installed in accordance with NFPA 10.

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS

907.1.3 is added to read as follows:

907.1.3 Underwriters laboratory certificates. All Fire Alarm systems installed within the jurisdiction of the Orland Fire Protection District shall be Underwriters Laboratory Certified as Remote Station type systems. This Underwriters Laboratory certification shall remain in place for as long as a fire alarm system is required to be installed in the property. This shall also include those systems that monitor automatic sprinkler systems.

907.1.4 is added to read as follows:

907.1.4 Underwriters laboratory certificates existing systems. Any existing systems will be required to be UL Certified within 5 years from the effective date of this ordinance. When an occupancy changes, a UL Remote Station certificate will also be required. Where systems are upgraded, a UL Remote Station is also required, this would include new control panels and changes or additions to systems that are equal to or greater than 10% of the existing system.

907.1.5 is added to read as follows:

907.1.5 UL fire alarm installation requirements. In order to install a fire alarm system in the Orland 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 Orland Fire Protection District's Fire Prevention Bureau. A copy of the Protected Property's Remote Station UL Certificate shall be provided to the Orland Fire Protection District Fire Prevention Bureau upon completion of the acceptance test.

907.1.6 is added to read as follows:

907.1.6 Where required-existing buildings and structures. All existing commercial structures within the Orland Fire Protection District shall have a working fire alarm system which is connected to Orland Central Dispatch. The master fire alarm panel in facilities/buildings that are rented or leased are the responsibility of the building owner to maintain and service. For all commercial buildings that do not have a fire alarm system installed there will be a five year installation period, which shall allow building owners to comply.

907.2 is amended to read as follows:

907.2 Where required-new buildings and structures. An approved manual, automatic or manual and automatic fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Section 907.2.1 through 907.2.23 and provide occupant notification in accordance with section 907.10, unless other requirements are provided by another section of this code. Where automatic sprinkler protection installed in accordance with Section 903.3.1.1 or 903.3.1.2 is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required. All fire alarm wiring for the systems shall be encased in electrical metallic

tubing (conduit). A remote full function annunciator panel may be required by the Fire Prevention Code Official if the main fire alarm panel is not located by the front entrance of the occupancy/structure.

907.2.1 is amended to read as follows:

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

907.2.2 is amended to read as follows:

907.2.2 Group B. A manual fire alarm system shall be installed and directly connected to the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group B occupancies.

907.2.3 is amended to read as follows:

907.2.3 Group E. A manual fire alarm system shall be installed and directly connected to the Orland Fire Protection District, in a method approved by the Code Official in Group E occupancies.

907.2.4 is amended to read as follows:

907.2.4 Group F. A manual fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group F occupancies.

907.2.5 is amended to read as follows:

907.2.5 Group H. A manual fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group H occupancies.

907.2.6 is amended to read as follows:

907.2.6 Group I. A manual fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group I-1 occupancies.

Exception 1 to 907.2.6.1 is deleted.

907.2.6.2 is amended to read as follows:

907.2.6.2 Group I-2. A manual fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group I-2 occupancies.

907.2.6.3 is amended to read as follows:

907.2.6.3 Group I-3. A manual fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group I-3 occupancies.

907.2.7 is amended to read as follows:

907.2.7 Group M. A manual fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group M.

907.2.8 is amended to read as follows:

907.2.8 Group R-1. A manual fire alarm system and an automatic fire detection system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in all Group R-1 occupancies.

907.2.9 is amended to read as follows:

907.2.9 Group R-2. An automatic fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in the common areas of all Group R-2 occupancies.

907.2.10.1.2.1 is added to read as follows:

907.2.10.1.2.1 Group S. A manual fire alarm system shall be installed and directly connected to the Communication Center of the Orland Fire Protection District, in a method approved by the Code Official in accordance with NFPA 72 in Group S occupancies.

907.2.10.1.3 is amended to read as follows:

907.2.10.1.3 Group I-1. Single or multiple-station smoke alarms shall be installed and maintained in sleeping areas in occupancies in Group I-1.

907.2.12 is amended to read as follows:

907.2.12 High-rise buildings. Buildings with a floor used for human occupancy located more than 60 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

communication center and an emergency voice/alarm communication system in accordance with Section 907.2.12.2

907.5 is amended to read as follows:

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

907.9 is amended to read as follows:

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

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

907.12 is amended to read as follows:

907.12 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. Duct smoke detectors shall not be used as a substitute for required open area detection. Duct smoke detectors shall be required in all air handling units 2000 CFM or greater.

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

907.16.1 is added to read as follows:

907.16.1 Elevator emergency telephones. Elevator emergency telephones shall be connected to Orland Central Dispatch.

907.18.1 is added to read as follows:

907.18.1 Records 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 and 8.5 by 11 inch shall be provided showing all devices and components of the alarm system.

SECTION 908

EMERGENCY ALARM SYSTEMS

908.1 is amended to read as follows:

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 Orland Fire Protection District, in a method approved by the Code Official in accordance to provisions of NFPA 72.

SECTION 909

SMOKE CONTROL SYSTEMS

909.20.6 is added to read as follows:

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

909.20.6.1 is added to read as follows:

909.20.6.1 This system is subject to acceptance and testing by the Fire Prevention Code Official.

SECTION 912

FIRE DEPARTMENT CONNECTIONS

912.2 is amended to read as follows:

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

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

913.4 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 Orland 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

The exception to 914.2.1(2) is deleted.

The exceptions to 914.3.1 are deleted.

The exception to 914.4.1 is deleted.

The exception to 914.7.1 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.

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.

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

1008.1.8.3 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, dead bolt 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, photoluminescent, 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 shall be required to have this signage within 2 years.

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. Photoluminescent 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) 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 photoluminescent illuminated.

SECTION 1013

GUARDS

Exception 6 to 1013.1 is deleted.

SECTION 1027

MEANS OF EGRESS FOR EXISTING BUILDINGS

The exceptions to 1027.5(1), 1027.5(4) and 1027.5(6) are deleted.

The exceptions to 1027.9 are 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 one multi- purpose portable fire extinguisher with a minimum 4A60BC 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 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 times.

SECTION 2701

HAZARDOUS MATERIALS – GENERAL PROVISIONS

2701.3.3.1 is amended to read as follows:

2701.3.3.1 Properties of 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 6 (six) feet above the finished floor, and shall be located in a spot that is approved by the fire prevention code official.

SECTION 3301

EXPLOSIVES AND FIREWORKS - GENERAL

Exceptions 2 and 4 to 3301.1.3 are deleted.

Exception 5 to 3301.1.3 is added to read as follows:

5. **Consumer Novelties.** The retail sale of approved consumer novelties shall be permitted. Retail sales of consumer novelties shall be permitted in stores equipped with approved automatic sprinkler systems. Displays of consumer novelties in retail stores shall be separated from exit doors by a minimum distance of twenty (20) feet. The sale of consumer novelties shall not be permitted at Mercantile occupancies that sell or dispense flammable or combustible liquids or gases. Purchase of consumer novelties shall be restricted to those persons who are eighteen (18) years of age or older. Approved consumer novelties include snakes or glow worm pellets, smoke devices, trick noisemakers known as party poppers, booby traps, snappers, trick matches, cigarette loads, auto burglar alarms, toy pistols, toy canes, toy guns, or other devices in which paper or plastic caps containing twenty-five hundredths grains or less of explosive compound are used, provided they are so constructed that the hand cannot come in contact with the cap when in place for the explosion; and toy pistol paper or plastic caps which contain less than twenty-five (25) hundredths grains of explosive mixture, the sale and use of which shall be permitted at all times.

SECTION 3302

EXPLOSIVES AND FIREWORKS - DEFINITIONS

Fireworks, 1.4G is amended to read as follows:

Fireworks, 1.4G (Formerly known as Class C, Common Fireworks.) Small fireworks devices including hand-held wire sparklers containing restricted amounts of pyrotechnic composition

designed primarily to produce visible or audible effects by combustion. Such 1.4G fireworks which comply with the construction, chemical composition and labeling regulations of the DOTn for Fireworks, UN 0336, and the U.S. Consumer Product Safety Commission as set forth in CPSC 16 CFR: Parts 1500 and 1507, are not explosive materials for the purpose of this code.

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 this chapter and 2000 edition of NFPA 1123 and/or 2001 edition of NFPA 1126.

3308.1.1 is added to read as follows:

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

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 displays shall be electronically fired from an approved electronic firing unit.

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 Orland Fire Protection District must be licensed according to the Pyrotechnic Distributor and Operator Licensing Act (225ILCS 227).

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 amended to read as follows:

3308.11 Retail display and sale. It shall be unlawful to sell, store, or advertise for sale, Division 1.4G, 1.3G & 1.4S fireworks within the boundaries of the Orland Fire Protection District.

3308.12 is added to read as follows:

3308.12 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 Orland Fire Protection District along with the following unregulated items: sparklers of all sizes and types and smoke devices.

Appendices A, B, C, E, F and G are deleted.

Appendix A is added to read as follows:

APPENDIX A

BASIC FIRE CONTROL MEASURES

A-101.1 Scope: Adoption of fire control measures and regulations. There has been adopted by the Orland 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.

A-102.1 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.

A-103.1 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.

A-104.1 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.

A-105.1 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.

A-106.1 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.

A-107.1 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 right-hand 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.

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 Damage, 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

ORLAND FIRE PROTECTION 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. (Check with the Village Code to find the current standards.) 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 city limits of Orland Park, Orland Hills, and unincorporated Orland. (UL Certified)
- 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 Orland Fire Protection District, Fire Prevention Bureau, 9788 W. 151st St, Orland Park, IL 60462-3110. Any questions please contact the Bureau at 708-349-0074
- **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.
 - 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 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 back up)

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
- 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 (Orland Central Dispatch)
- 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 work-site at all times.

ROUGH INSPECTION

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

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 Orland 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

ORLAND FIRE PROTECTION 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. (Check with the Village Code to find the current standards.) 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 city limits of Orland Park, Orland Hills, and unincorporated Orland.
- 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 Orland Fire Protection District, Fire Prevention Bureau, 9788 W. 151st St, Orland Park, IL 60462-3110. Any questions please contact the Bureau at 708-349-0074

- **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.
 - All hydraulic node points shall be shown clearly on the drawing.
 - The specific type and quantity of sprinklers shall be provided on 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 Orland 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 Orland 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 Orland Fire Protection District.

When the system is complete a 2 inch main drain test must be completed and must be witnessed by the Orland 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 Orland 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 Orland 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 E is added to read as follows:

APPENDIX E

**ORLAND 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 Orland Fire Administration Office

_____ Receive copies of the following records from the Orland 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 \$0.35 per page, payable in full when the copies are picked up. The cost for a copy of a fire report or ambulance report is \$6.00 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 _____

Signature

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 45 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 and editions listed are to be adopted in their entirety:

NFPA	10	2002
	13	2002
	13R	2002
	13D	2002
	14	2003
	15	2001
	16	2003
	20	2003
	24	2002
	25	2002
	70	2005
	72	2002
	96	2003
	1123	2000
	1124	2001

Amend the 2002 edition of 13R to state that all sprinkler piping material is to be approved metallic piping. Plastic pipe is not allowed for sprinkler pipe material except for an R-3 use group.

Amend the 2000 edition of the NFPA Code for Fireworks Display to omit Chapters 2.3 Installation of Mortars and Chapters 2.4 Installation of Buried Mortars.

Amend the 2000 edition of the NFPA Code for Fireworks Display Section 3.1.3.1 to add: 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.

Section 3.1.3.1 – No spectators or spectator parking areas shall be located within the display site. 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.

Amend the 2000 edition of the NFPA Code for Fireworks Display Section 5.2.6 to read: Manual firing of fireworks shells shall be prohibited.

Amend the 2000 edition of the NFPA Code for Fireworks Display Section 6.1.2. The first sentence shall read: Only electronic firing of an outdoor fireworks display shall be permitted.

Attachment B is added to read as follows:

Attachment B FEES

PLAN REVIEW FEES: Any applicant for a building or other permit shall pay to the District and the District will charge the following fees for performing plan reviews and all required inspections for new construction, renovations including building additions within the District.

VOLUME CUBIC FEET	BASIC PLAN REVIEW FEE
0 - 80,000	\$345.00
80,001 – 100,000	\$420.00
100,001- 150,000	\$510.00
150,001 – 200,000	\$560.00
OVER 200,000	\$625.00
<u>Plus \$6.25 per 10,000 cubic feet over 200,000</u>	

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. The customer will pay all fees incurred by expediting the plan review process. Revised fire alarm system plans shall be 50% of the fire alarm system review fee. Approved plans that are not utilized within 12 months will be considered void and must be resubmitted for approval.

Plan Review for Fire Alarm Systems: Automatic fire alarm systems covering manual pulls and detection in buildings:

- 0 – 10,000 square feet is \$180.00
- An additional \$180.00 is charged for every 10,000 square feet.
Example: 40,000 sq ft = \$720.00

Revised fire alarm system plans shall be 50% of the fire alarm system review fee.

Fire Sprinkler System Review Fees: Any applicant for a building having (or required to have) a fire sprinkler system shall pay to the District and the District will charge the following fees, in addition to other fees set forth herein, for performing fire sprinkler system plan reviews and inspections:

Up to 300 sprinkler heads	\$450.00
301 to 500 sprinkler heads	\$510.00
Over 500 sprinkler heads	\$800.00
Each head over 500 is additional \$1.40	

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. The customer will pay all fees incurred by expediting the plan review process.

Standpipe Systems Review Fee:

A fee of \$200.00 shall be paid per pipe for the plan approval and initial inspection of a standpipe system. A fee of 50% revised standpipe review fee shall be paid for each set of revised standpipe drawings.

Additionally, there will be a \$100.00 processing fee for plans that are expedited. The customer will pay all fees incurred by expediting the plan review process.

Special Extinguishing System Fees: A flat fee of \$300.00 plus \$100.00 for each additional system reviewed at the same time and at the same building shall be paid for the plan approval and inspection. A fee of 50% revised review fee shall be paid for each set of revised drawings.

Additionally, there will be a \$100.00 processing fee for plans that are expedited. The customer will pay all fees incurred by expediting the plan review process.

Mechanical Hood and Duct Systems: A flat fee of \$300.00 plus \$100.00 for each additional system reviewed at the same time and at the same building shall be paid for the plan approval and inspection. A fee of 50% revised review fee shall be paid for each set of revised drawings.

Additionally, there will be a \$100.00 processing fee for plans that are expedited. The customer will pay all fees incurred by expediting the plan review process.

Fire Pump Reviews: A fee of \$ 200.00 shall be paid for plan approval and inspection of a fire pump system and a fee of \$100.00 for each additional fire pump system. A fee of 50% revised review fee shall be paid for each set of revised drawings.

Additionally, there will be a \$100.00 processing fee for plans that are expedited. The customer will pay all fees incurred by expediting the plan review process.

Acceptance testing:

Fire Alarm Test	\$100.00
Hood System Test	\$100.00
Hydrostatic Test	\$150.00
Generator Test	\$100.00
Underground Flush	\$100.00
Fire Pump	\$200.00

Standpipe System \$100.00

A charge of 50% of initial fee shall be paid per inspector for a second acceptance test or more.

Carnival & Amusement Ride Fees: A fee of \$25.00 per ride shall be paid to the Orland Fire Protection District for the inspection of carnival and amusement rides, including general site safety of the area.

- A re-inspection fee of \$100.00 per ride shall apply
- Any ride that requires a stop-operation order shall be \$250.00 for a re-inspection
- Fees shall be paid within 30 days after receiving an invoice from the Orland Fire Protection District

Underground Storage Tank Permits: Any applicant for a permit for a storage tank shall pay to the District and the District will charge a \$100.00 fee for the issuance of a permit for the installation of a storage tank for petroleum or petroleum products, or hazardous substances. The \$110.00 fee shall apply to every tank installation permit, regardless of size, and shall be paid prior to the issuance of a permit from either the Orland Fire Protection District or the Office of the State Fire Marshall. The Orland Fire Protection District will work in conjunction with all appropriate regulatory agencies.

There will be a fee of \$100.00 per tank for witnessing the installation or removal of underground storage tanks.

Special Permits: A fee of \$100.00 per hour or a fraction thereof, shall be charged for the performance of services, reviews, and inspections required for the issuance of any special permit hereunder. The minimum fee shall be \$100.00.

Open Burn Permit Fees: A permit fee of \$100.00 shall be paid to the Orland Fire Protection District thirty (30) days after receiving the invoice.

Open Burning without a Permit: The penalty for violations of Section 307 shall be as follows:

Resident

1st Violation – Warning
 2nd Violation - \$ 50.00
 3rd Violation - \$100.00

Commercial

1st Violation – Warning
 2nd Violation - \$ 50.00 - \$150.00*
 3rd Violation - \$150.00 - \$300.00*

 *Cost of manpower \$75.00 per man hour – 1 hour minimum charge
 *Cost of emergency apparatus per unit \$100.00 per hr – 1 hr min. charge

Firewatch: A fee of \$75.00 per hour for each Orland Fire Protection District personnel assigned to the fire watch shall be charged.

Fireworks Permit Fees: A permit fee of \$200.00 shall be paid to the Orland Fire Protection District when the application is filed.

Certificates of Occupancies: The businesses of the Orland 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.

Annual Inspection fees for Certificate of Occupancy

SQUARE FOOTAGE	INSPECTION FEES (yearly)
0 to 5000	\$50.00
5001 to 10,000	\$75.00
10,001 to 25,000	\$100.00
25,001 to 50,000	\$150.00
50,001 to 100,000	\$200.00
100,001 to 200,000	\$300.00
Buildings over 200,000 will be \$300.00 plus \$75.00 per hour	

Fee Schedule for Re-inspections:

First re-inspect is free

Second re-inspect is free

Third re-inspect is \$50.00

Forth re-inspection is \$75.00

Fifth and subsequent re-inspections are double the previous inspection fee

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 Orland Fire District.

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 A 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.

	1 & 2 Entrances	4 Entrances	6 Entrances	8 Entrances	10 Entrances
1 Story & Basement	\$35.00	\$42.00	\$70.00	\$88.00	\$105.00
1 Story	\$17.00	\$35.00	\$43.00	\$70.00	\$87.00
2 Stories & Basement	\$43.00	\$70.00	\$88.00	\$105.00	\$123.00
2 Stories	\$35.00	\$43.00	\$70.00	\$88.00	\$105.00
3 Stories & Basement	\$70.00	\$88.00	\$105.00	\$123.00	\$140.00
3 Story	\$43.00	\$70.00	\$88.00	\$105.00	\$122.00
4 Stories & Basement	\$88.00	\$105.00	\$123.00	\$140.00	\$158.00
4 Stories	\$70.00	\$88.00	\$105.00	\$123.00	\$140.00

Fire Extinguishing Systems: Certification of inspection is to be forwarded to the Fire Prevention Bureau for all extinguishing systems, which require a semi-annual inspection. If this is not complied with, the Fire Prevention Bureau will have the test performed, and they will witness it. The testing fee and a fee of \$70.00 per hour shall be charged to the occupant. A minimum of one hour shall be charged.

Storage Tank Testing: Storage tanks systems shall be tested per the requirements of NFPA 30 and the Office of the State Fire Marshal, and a fee of \$70.00 per hour, shall be charged. A minimum of one hour shall be charged

Special Permits: Special permits issued for a period of six (6) months or longer shall be charges shall be charged a yearly fee, and shall be reviewed every six (6) months. A fee of \$70.00 per hour shall be charged to the occupant. A minimum of one hour shall be charged.

Definitions:

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

- Fire causing structural damage to the protected premises verified by the Fire District.
- Earthquakes causing structural damage to the protected premises.
- At the Fire Code officials discretion.

Vendor Meet: A meeting between the representatives from the Fire alarm Company, Fire District, Transmitting agency, Receiving Agency, and Building owner to resolve an ongoing alarm issue. The Building Owner will be responsible for all fees incurred during the meeting.

Limited Service Alarms: Any time an alarm is taken from a full service status due to a problem with alarm, alarm still able to send Fire Signals.

Out of Service Alarm: Any alarm that is taken out of service due to some type of malfunction causing the alarm to not transmit signals properly. Business placed on a 911 call in response only. Some businesses may require a Fire Watch.

False Alarm Fees:

For the first alarm activation in a three (3) month period, you will receive a warning letter. For a second false alarm on a three (3) month period you will be billed \$200.00. Each additional false alarm in that three (3) month period after two shall result in a false alarm charge of at least \$500.00 with each increasing by \$50.00 for each additional false alarm, not to exceed \$1,200.

Limited Service Alarms:

First Offense	Warning Letter 15 days to comply
Second Offense	\$200.00 and 15 days to comply
Third Offense	\$500.00 and 7 days to comply or optional Vendor Meet
Forth Offense	\$550.00 and 7 days to comply
Fifth and subsequent	increase by \$50.00 for each additional offense

Out of Service Alarms:

The failure of any person to comply with the requirements contained in a written notice of a malfunction of equipment within three (3) days of receipt of such notice shall constitute an offense punishable by a fine of \$100.00. Such notice shall continue in force and effect until full compliance with the requirements stated therein and each and every failure to comply with such notice within 24 hours after the 3 days allowed for compliance constitute a separate offense.

Resetting of the fire alarm system prior to the District arrival:

First Offense	Warning Letter
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Second Offense \$500.00
Third Offense \$1000.00
Fourth and subsequent resetting of the alarm panel is double the previous fee