



Proposed Amendments to:

- **2009 International Building Code**
- **2009 International Residential Code**
- **2009 International Existing Building Code**
- **2009 International Fire Code**
- **2009 International Fuel Gas Code**
- **2009 International Mechanical Code**
- **2009 International Plumbing Code**
- **2008 National Electric Code**

Draft Copy - 06/11/13

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SIGNIFICANT CHANGES FROM 4/01/13 DRAFT:

1. Correction of scrivener's errors.
2. Revised some legal language of the administrative provisions of Chapter 1 of the code books.
3. Item 21: Increased the size of tent and membrane structures that do not require a building permit, generally from 200 square feet to 400 square feet.
4. Item 140: Added prohibition to the use of barbed wire or razor wire on construction fences.
5. Item 155: Clarified that automatic fire sprinkler systems are not required in additions or alterations of existing one-and two-family residential buildings.
6. Items 263 and 264: Added a 30-month period for calculation of ceiling and wall surfaces in determining the requirement for fire sprinklers in renovated existing commercial buildings.
7. Items 258 and 263: Relaxed the fire sprinkler requirements in commercial buildings by not requiring fire sprinklers in existing buildings with work areas larger than 3,500 square feet when less than 75 percent of the wall and ceiling surfaces are altered or constructed new.
8. Items 259 and 263: Relaxed the fire sprinkler requirements in commercial buildings by not requiring fire sprinklers in existing buildings with work areas larger than 3,500 square feet when less than 50 percent of the wall and ceiling surfaces are altered or constructed new where the renovated space has a residential occupancy above.
9. Item 265: Deleted the proposed amendment to require automatic fire sprinklers in existing R-2 buildings of 4 or more dwelling units undergoing a renovation of more than 50 percent of the building floor area.
10. Item 345: Added requirement for a second means of egress to be provided for certain occupiable roofs in the International Building Code (inserted after Item 66).
11. Item 346: Added requirement for a second means of egress to be provided for certain occupiable roofs in the International Residential Code (inserted after Item 154).
12. Item 347: Renumbered a section of the International Existing Building Code (inserted after Item 259).
13. Item 348: Added section to clarify fire sprinkler requirements for A-2 occupancies serving alcoholic beverages (inserted after Item 302).

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2009 INTERNATIONAL BUILDING CODE						
1	IBC	A	Commercial	Section 101.1 Title. These regulations, <u>as amended and adopted by the Village of Oak Park</u> , shall be known as the Building Code of the Village of Oak Park, hereinafter referred to as "this code."		Administrative provision to note that this code has been locally amended.
2	IBC	A	Commercial	Section 101.2.1 Appendices. Provisions in the Appendices shall not apply unless specifically adopted. <u>Adopted as part of this code are:</u> <ol style="list-style-type: none"> 1. <u>Appendix A - Employee Qualifications.</u> 2. <u>Appendix E - Supplementary Accessibility Requirements.</u> 3. <u>Appendix F - Rodentproofing.</u> 4. <u>Appendix I - Patio Covers and</u> 5. <u>Appendix J - Grading.</u> 		Administrative provision to adopt the referenced Appendices.
3	IBC	A	Commercial and Residential	Section 101.2.2 Exemptions. The following are exempt from this code: <ol style="list-style-type: none"> 1. <u>Equipment installed by the provider of publicly regulated utility service and electric equipment used for radio, telecommunications and television transmission when such work is not beneath a building or within 10 feet of a building. The exempt publicly regulated utility services and equipment shall be under their exclusive control and located on property by established rights; however, the structures, including their service equipment, housing or supporting such exempt equipment shall be subject to this code. The installation of such exempt equipment shall not create an unsafe condition prohibited by this code or other laws or ordinances.</u> 2. <u>Manufacturing and processing machines.</u> 3. <u>Outdoor installation of recreational equipment such as swing sets, sliding boards, climbing bars, jungle gyms, skateboard ramps, and similar equipment but not including tree houses, when such equipment is not regulated as an Amusement Device by the State Fire Marshal or by any safety standards listed in Chapter 35 of this code.</u> 4. <u>Any items that may be listed as exempt in other sections of this code or other codes referenced under Section 101.4.</u> 	Section added.	Administrative provision carries over a previous amendment.
4	IBC	A	Commercial and Residential	Section 101.2.3 General administration. <u>Unless noted otherwise under Chapter 1 of the codes referenced under Section 101.4 of this code, the general administrative provisions of Chapter 1 of the Building Code of the Village of Oak Park shall apply to each code referenced under Section 101.4 hereinafter.</u>	Section added.	Provision recommended to eliminate inconsistencies between Chapter 1 of the referenced codes by having the administrative provisions of Chapter 1 of the IBC replace the provisions of Chapter 1 of the other International Codes.
5	IBC	A	Commercial and Residential	Section 101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.6 101.4.8, <u>as amended and adopted by the Village of Oak Park</u> , and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. <u>Any discrepancy that may occur between any provisions of the adopted codes shall be brought to the attention of the building official who shall render a decision on the intent of the code requirements.</u>		Section revised to reflect the change from the previous adoption of the 2003 series of International Building, Residential, Fire, Fuel Gas and Mechanical Codes to the 2009 editions; and, the change from the previous adoption of the State-mandated 2009 International Energy Conservation Code to the 2012 edition.
6	IBC	A	Commercial and Residential	Section 101.4.3 Plumbing. The provisions of the International Plumbing Code <u>current edition of the State of Illinois Plumbing Code</u> shall apply to the installation, <i>alteration</i> , repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or <u>sewerage sewer</u> system. and all aspects of a medical gas system. The provisions of the International Private Sewage Disposal Code shall apply to private sewage disposal system.		The reference to the International Plumbing Code is revised to the State-mandated Illinois Plumbing Code.
7	IBC	A	Commercial and Residential	Section 101.4.6 Energy. The provisions of the International Energy Conservation Code <u>current edition of the State of Illinois Energy Conservation Code</u> shall apply to all matters governing the design and construction of buildings for energy efficiency.		The reference to the International Energy Conservation Code is revised to the current edition of the State-mandated Energy Code so the code reference remains current even as the State may change the official edition of the Energy Code.
8	IBC	A	Commercial and Residential	Section 101.4.7 Electrical. The provisions of the 2008 National Electric Code, NFPA 70, <u>as amended and adopted by the Village of Oak Park</u> , shall apply to all matters governing the design, installation, alteration, repair and replacement of electrical components, equipment and systems installed in buildings and structures covered by this code.	The National Electric Code (NEC) replaces the International Electric Code for all electric work performed within the Village. The NEC has been the Village's electric code since 1984.	The NEC is added to the list of referenced codes.

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9	IBC	A	Commercial and Residential	Section 101.4.8 Existing buildings. The provisions of the International Existing Building Code as amended and adopted by the Village of Oak Park shall be applied to the repair, alteration, change of occupancy, addition and relocation of all existing buildings, regardless of occupancy, subject to the criteria set forth within that code.	Section added.	The IEBC is added to the list of referenced codes.
10	IBC	A	Commercial and Residential	Section 101.5 Effective date. This Code and all codes adopted by reference herein shall become effective upon adoption and approval by the President and Board of Trustees of the Village of Oak Park, provided however, that: a. For any project where a permit has been issued prior to the effective date of this code, where the property owner has substantially changed his or her position in reliance on that permit, has pursued the work in good faith and where the work has not been abandoned within 90 days after the date of enactment of this code, the Building Official shall apply the codes in effect at the time the permit was issued. b. For any project for which permits have been applied for but not issued, and projects where the permit has been issued but the property owner has not substantially changed his or her position in reliance on that permit, the Building Official shall have discretion to apply either the previous code or this code. c. For projects where permits are applied for within 90 calendar days after the effective date of this code, the applicant has the right to request in writing the application of the prior code, which request shall not be unreasonably denied. d. All permits applied for 90 days after the effective date of this Code shall be governed by this Code.	Section added.	Section establishes the timeline for when construction projects will be mandated to conform with the newly adopted building codes.
11	IBC	A	Commercial and Residential	Section 103.1 Creation of enforcement agency. The Department of Building Safety is hereby created and the official in charge thereof shall be known as the building official. The Building and Property Standards Division is the building safety department and the official charged with the administration and enforcement of this code in the Village of Oak Park is the Building and Property Standards Manager. Any reference in the Building Code or other codes adopted as part of the Building Code to building official or code official as person in charge of the building safety department shall mean the Building and Property Standards Director/Manager of the Village of Oak Park. His or her authorized designee(s) shall be engaged in the activities necessary for the enforcement of this code.		Amendment acknowledges the Department of Building & Property Standards as the entity charged with administration and enforcement of the building codes.
12	IBC	A	Commercial and Residential	Section 104.1.1 Building official. All references to the "building official" or "code official" shall mean the Building and Property Standards Manager of the Village of Oak Park.	Section added.	Amendment defines the "building official" or "code official" to be the Director/Manager of the Building & Property Standards Department.
13	IBC	A	Commercial and Residential	Section 104.3.1 Failure to comply. Failure to comply with any notice or order issued by the building official as needed for the enforcement of this code shall be considered a violation of this code's procedures for regulation of construction.	Section added.	Amendment establishes that failure to comply with notices issued by the building official to be a violation.
347	IBC	A	Commercial and Residential	Section 104.8 Liability is deleted in its entirety and replaced with the following text: Any building official, member of the board of appeals or any other employee or appointed official charged with the enforcement of this code, while acting in the course and scope of his employment, appointment, or her official duties and responsibilities for the Village of Oak Park and under color of law shall be entitled to the full protection of the Illinois Governmental and Governmental Tort Immunity Act, as well as the full protections of any other statutory or common law defenses, shall not be held personally liable and is relieved from personal liability for any damage, loss or costs, including attorneys fees, accruing to persons or property as a result of any act or omission in the discharge of his official duties or appointment. The Village will indemnify and defend any officer, member or employee from any suit instituted against him or her alleging an act or omission performed or not performed by that officer or employee in the lawful discharge of his duties under the provisions of this code, until final determination of the proceedings, provided that the officer, member or employee gives the Village Attorney notice, within 21 days of the service of summons and complaint in any such lawsuit or proceeding.		
14	IBC	A	Commercial and Residential	Section 104.12 Requirements not covered by code. The Building Official shall have discretion to impose additional requirements not specifically covered by this code necessary for the strength, stability or proper operation of an existing or proposed installation; the construction, repair, alteration, change of occupancy or addition to buildings and structures; and the relocation of all existing buildings, in the interests of public safety, health and general welfare.	Section added.	Section clarifies that the building official is authorized to establish requirements not specifically covered by the code.

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15	IBC	A	Commercial and Residential	<p>Section 105.1 Required. Any owner or, authorized agent, contractor or other responsible party who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, fuel gas, mechanical or plumbing system, or other the installation of which is regulated by this code, or cause any such work to be done, shall first make application to the <i>building official</i> and obtain the required permit(s). <u>With the exception of work items listed under Section 105.2, any work done without an appropriate permit is illegal and constitutes an unlawful act in the Village of Oak Park which is subject to administrative penalties under this code and/or adjudicative fines in accordance with applicable ordinances.</u></p> <p><u>a. No building permit or demolition permit shall be issued and no alteration authorized by the Building and Property Standards Division affecting any site, building, structure or improvement designated as set forth below until such time as the corresponding requirement or requirements set forth below for each such designated site, building, structure or improvement shall first have been satisfied:</u></p> <p><u>1. In the case of the construction on, and/or the alteration, relocation, demolition or removal of an eligible historic landmark, the building or demolition permit shall be issued or the alteration authorized upon the denial of designation of historic landmark status by the Village Board; provided, however, that if the site, building, structure or improvement which has been denied landmark status is located within a designated historic district, then the issuance of a building or demolition permit shall also be contingent upon satisfying the requirements set forth herein for property located within a designated historic district; or</u></p> <p><u>2. In the case of a demolition or removal of: a) an eligible or designated historic landmark; b) any site, building, structure or improvement within a designated historic district; or c) a site, building, structure or improvement located in a designated historic district or listed in the national register of historic places, which is wholly or partially financed by the Village or by one or more federal, state or Village funding sources which are dispersed through or administered by the Village, the demolition permit shall be issued upon the authorization of such a permit by formal resolution of the Village Board as being necessary to protect the public health, safety or welfare; or</u></p> <p><u>3. In the case of: a) the construction on, and/or the alteration, relocation, demolition or removal of an eligible or designated historic landmark; b) the alteration, demolition or removal of a site, building, structure or improvement located in a designated historic district or listed in the national register of historic places which is wholly or partially financed by the Village or by one or more federal, state or Village funding sources which are dispersed through or administered by the Village; or c) the removal or demolition of any building, structure or improvement located within a designated historic district for which demolition has not been authorized under subsection 7-9-9A2 of the Village Code, the building or demolition permit shall be issued or the alteration shall be authorized upon the issuance of a certificate of appropriateness in accordance with Section 7-9-13 of the Village Code or a certificate of economic hardship in accordance with Section 7-9-14 of the Village Code.</u></p> <p><u>b. No building permit for construction shall be issued by the Building and Property Standards Division affecting any nonlandmark property or structure within a designated historic district unless a certificate of advisory review is issued in accordance with Section 7-9-16 of the Village Code.</u></p>		Section clarifies that certain work being performed within a historic district requires an administrative review prior to the issuance of a permit(s).
16	IBC	A	Commercial and Residential	<p>Section 105.1.1.1 Scope. The scope of work permitted under an annual permit shall not include the construction, alteration, movement or enlargement of a building or structure, alterations or renovations that involve structural modifications or changes to established paths of egress or fire-resistant wall or horizontal assemblies, or change of use or occupancy.</p>	Section added.	Section carries over a previous amendment allowing the issuance of annual permits.

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17	IBC	A	Commercial and Residential	<p>Section 105.1.3 Application for permit filed after work has commenced. In addition to the fees and penalties imposed by Section 109 of this code, any person that commences work before obtaining a permit, where a permit is required, shall submit a signed and sworn statement, on a form acceptable to the building official, which provides the following information. Where the following information is contained in a document, that document may be provided as an attachment to the sworn statement:</p> <ol style="list-style-type: none"> 1. Complete description of the scope of work. 2. Date(s) of construction. 3. Contract for construction services. In lieu of the submittal of a contract for construction services, the building official is authorized to estimate the cost of construction using industry standard construction cost sources. 4. Name(s) of all contractors, sub-contractors and other persons that received payment or material consideration in exchange for performing such work without permit(s). 5. Dated and notarized signature of the owner or owner's agent. 6. All construction documents that would be required for properly obtained permit(s) including, but not limited to, architectural drawings, engineering calculations and Plat of Survey. 7. Certification of work from a third-party testing service as deemed necessary by the building official to ensure that work performed is in accordance with this code. 8. Any other relevant documentation as required by the building official. 	Section added.	Section establishes the information required to be submitted for review when work is found to be performed without permits.
18	IBC	A	Commercial and Residential	<p>Section 105.1.4 Permit applicant. Application for permit shall be made by the owner, owner's agent, a duly licensed and/or registered contractor, lessee of the space(s) to be occupied who has written approval from the owner, or other responsible party.</p>	Section added.	Section carries over a previous amendment to clarify who has the authority to apply for permits.
19	IBC	A	Commercial and Residential	<p>Section 105.1.5 Demolitions and moved structures. In order to demolish or move any free standing principal structure, coach house, garage or other accessory structure, the responsible party must obtain a demolition permit issued by the Cook County Department of Environmental Control, a demolition permit issued by the Village of Oak Park, and for structures located within a designated historic district, a Certificate of Appropriateness as may be required by Chapter 7 Article 9 of the Village Code.</p>	Section added.	Section clarifies additional administrative process required prior to the issuance of a permit for demolition or movement of a building or structure.
20	IBC	A	Commercial and Residential	<p>Section 105.1.6 Previous approvals. This code shall not require changes in the construction documents, construction or designated occupancy of a structure for which lawful permit has been heretofore issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith within 90 days after the date of enactment of this code and has not been abandoned.</p>	Section added.	Section clarifies that the newly adopted codes will not be retroactive to buildings or structures lawfully constructed prior to or under construction as of the effective date of the new codes.
21	IBC	A	Commercial and Residential	<p>Section 105.2 Work exempt from permit. Permits shall not be required for the following work items. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. A Certificate of Advisory Review is required, and a Certificate of Appropriateness may be required, for any of these work items performed on an eligible or designated historic landmark or any building, structure or improvement located within a designated historic district or listed in the national register of historic places. Permits shall not be required for the following:</p>		Section was re-written to identify the work items that will not require permits. Items added to the list are items that do not require inspection to ensure a reasonable level of life-safety being provided by the completed work.

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				<p>Building:</p> <p>1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses provided the floor area does not exceed 120 is less than 70 square feet (11 m²).</p> <p>2. Fences not over 6 feet (1829 mm) high. Retaining walls with an unbalanced soil load of 1 foot or less in height.</p> <p>3. Oil derricks. Interior painting, papering, tiling, carpeting or other floor surface treatments, countertops and similar finish work with the condition that no electrical, mechanical, plumbing or structural work is associated with these activities.</p> <p>4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids. Exterior painting.</p> <p>5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18 925 L) and the ratio of height to diameter or width does not exceed 2:1. Masonry tuckpointing.</p> <p>6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or story below and are not part of an accessible route. Pressure washing of building exteriors.</p> <p>7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work. Resealing caulked joints in the building envelope.</p> <p>8. Temporary motion picture, television and theater stage sets and scenery. Replacement of cracked or missing glazing in existing window sashes.</p> <p>9. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18 925 L) and are installed entirely above ground. Installation of residential storm windows.</p> <p>10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems. Repair or replacement of deteriorated wood siding to match existing in a single or cumulative area not to exceed 100 square feet.</p> <p>11. Swings and other playground equipment accessory to detached one- and two-family dwellings. Repair of cracks or replacement of missing sections of existing stucco to match existing in a single or cumulative area not to exceed 100 square feet where the existing lath remains in place.</p> <p>12. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support of Groups R-3 and U occupancies. Repair or replacement of existing fencing in a single or cumulative area not exceeding 100 square feet.</p> <p>13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height. Minor residential household repair projects (maximum value as established by the permit fee schedule) which do not require electrical, mechanical, plumbing or structural work.</p> <p>14. Sealcoating of existing driveways.</p> <p>15. Sealcoating of existing parking lots with less than 5 parking stalls and not requiring accessible stalls.</p> <p>16. Waterproofing of perimeter basement walls with spray-on membrane material or epoxy injection of cracks.</p> <p>17. Repair of pavement cracks not involving removal and replacement of existing paved materials.</p> <p>18. Repair of leaking roof flashings involving less than 10 linear feet of flashing.</p> <p>19. Repair of leaking roof membrane involving less than 100 square feet of roof covering materials.</p> <p>20. Replacing wood treads and risers on stairs of residential buildings not more than four dwelling units in size.</p> <p>21. Replacing handrails on stairs of residential buildings not more than four dwelling units in size.</p> <p>22. Erection of temporary tents and membrane structures in size exempted from permits under Section 2403.2 of the International Fire Code as amended and adopted by the Village of Oak Park.</p> <p>23. Temporary motion picture, television and theater stage sets and scenery.</p> <p>24. Prefabricated temporary swimming pools, accessory to a Group R-3 occupancy, that are less than 18 inches deep, do not exceed 2,500 gallons when filled to the highest level that water can reach before it spills out, and are installed entirely above ground.</p> <p>25. Non-fixed and movable non-electrified fixtures, cases, racks, counters and office partitions.</p> <p>26. Installation of trees, shrubbery or landscape plantings.</p>		

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				<p>Electrical:</p> <p><u>1. Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of <i>approved</i> portable electrical equipment to <i>approved</i> permanently installed receptacles.</u></p> <p><u>2. Replacement of plug-and-cord connected residential kitchen and laundry appliances.</u></p> <p><u>3. Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment <u>installation, installation of electrical equipment</u> and wiring for a power supply and the cabling and installation of towers and antennas.</u></p> <p><u>4. Temporary testing systems: A <i>permit</i> shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.</u></p> <p>Fuel Gas:</p> <p>1. Portable heating appliances.</p> <p>2. Replacement of any minor part <u>component of an appliance or equipment</u> that does not alter approval of <u>such</u> equipment or make such <u>appliance or equipment</u> unsafe.</p> <p><u>3. Replacement of portable residential kitchen and laundry appliances.</u></p> <p>Mechanical:</p> <p>1. Portable heating appliance.</p> <p>2. Portable ventilation equipment <u>not connected to permanent building duct system.</u></p> <p>3. Portable cooling unit <u>equipment not connected to permanent building duct system.</u></p> <p>4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.</p> <p>5. The replacement of any <u>minor</u> part that does not alter its approval <u>of equipment</u> or make <u>such equipment</u> unsafe.</p> <p>6. Portable evaporative cooler <u>cooling equipment not connected to permanent building duct system.</u></p> <p>7. Self-contained, plug-in refrigeration systems containing 10 pounds (5 kg) or less of refrigerant, or that are and actuated by motors of 1 horsepower (746 W) or less.</p> <p><u>8. Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.</u></p> <p>Plumbing:</p> <p>1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a <i>permit</i> shall be obtained and inspection made as provided in <u>required by</u> this code.</p> <p>2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures <u>an electrical connection.</u></p> <p><u>3. The removal and replacement of residential fixtures not requiring the replacement or rearrangement of valves, pipes, fixtures, or an electrical connection.</u></p> <p><u>4. The removal and replacement of residential portable sump or ejector pumps.</u></p>		
22	IBC	A	Commercial and Residential	<p>Section 105.3.1 Action on application. The <i>building official</i> shall examine or cause to be examined applications for <i>permits</i> and amendments thereto within a reasonable time after filing. <u>Based on the project's use group, complexity of the scope of work or location of the subject property within a designated historic district, the submittal documents shall be subject to a formal plan review which must be approved prior to the submittal of an application(s) for permit(s).</u> If the application <u>for plan review or the construction documents are incomplete or</u> do not conform to the requirements of <u>this code or</u> pertinent laws, the <i>building official</i> shall reject such application <u>or submittal documents</u> in writing, stating the reasons therefore. If the building official shall be satisfied that the proposed work conforms to the requirements of this code and laws and ordinances applicable thereto, the building official shall issue a permit therefore as soon as possible. <u>Upon completion and/or correction of the permit application and/or submittal documents, revised submittal documents shall be resubmitted to the building official for further review. Once the submittal documents are approved, the applicant or other responsible party may submit an application(s) for permit(s).</u></p>	Section added.	Section clarifies the Building Department's policy of requiring certain projects to undergo a plan review prior to an application for building permit being accepted.

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23	IBC	A	Commercial and Residential	Section 105.3.1.1 Application forms. The application for permit shall be submitted on forms supplied by the Building and Property Standards Department. Verbal requests or written correspondence to the building official or any Village employee or elected official shall not constitute an application for permit. The building official is authorized to establish supplemental submittal requirements for each permit type in addition to those established in this code.	Section added.	Section clarifies that applications for permits shall be submitted in writing on forms established and provided by the Building and Property Standards Department.
24	IBC	A	Commercial and Residential	Section 105.3.2 Time limit of application for plan review. An application for a permit plan review for any proposed work shall be deemed to have been abandoned 90 180 days after the date of filing the application, unless such application has been pursued in good faith or a permit has been issued; the submittal documents have been approved by the building official; except that the building official is authorized to grant one or more up to two extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing to the building official by a responsible party and justifiable cause demonstrated.		Section reduces the active timeframe for permit applications from 180 days to 90 days to prompt a timely response from applicants after the initial plan review of a project.
25	IBC	A	Commercial and Residential	Section 105.3.3 Time limit of application for permit. An application for a permit for any proposed work shall be deemed to have been abandoned 90 days after the date of filing the application, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant up to two extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing to the building official by a responsible party and justifiable cause demonstrated.		Section reduces the active timeframe for construction to start after the issuance of permits from 180 days to 90 days to prompt a timely start of construction.
26	IBC	A	Commercial and Residential	Section 105.5 Expiration. Every permit shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Unless noted otherwise on the permit placard, every initial permit issued shall become invalid upon the occurrence of any one of the following conditions: <ol style="list-style-type: none"> 1. The work is not completed within one year of the date of issuance of the permit. 2. The work on the site authorized by such permit is not commenced within 90 days after the date of issuance of the permit, or 3. The period of time between validated inspections exceeds 90 days. <p>The building officials authorized to grant, in writing, one or more extensions of time, for periods not more than 180 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.</p>		Section reduces the active timeframe for permits during construction is restricted to one year, and from 180 days to 90 days between inspections to prompt a timely completion of the work to help reduce the impact of ongoing work on the neighborhood or business district.
27	IBC	A	Commercial and Residential	Section 105.5.1. Extensions. A responsible party holding an unexpired permit shall have the right to apply for an extension of time within which he or she will complete that work when work is unable to be completed within the time conditions set forth in Section 105.5. The building official is authorized to grant, in writing, one or more extensions of time for additional periods for not more than 90 days each. The extension of time shall be requested in writing and justifiable cause demonstrated. Extensions of time are subject to administrative fees in accordance with Section 109.		Section reduces the active timeframe for construction under an extension of time from 180 days to 90 days to prompt a timely completion of the work to help reduce the impact of ongoing work on the neighborhood or business district.
28	IBC	A	Commercial and Residential	Section 105.6 Suspension or revocation. The building official is authorized to suspend or revoke a permit issued under the provisions of this code wherever: <ol style="list-style-type: none"> 1. The permit is found to be issued in error or on the basis of incorrect, inaccurate or incomplete information. 2. The permit is found to be issued in violation of any ordinance or regulation of any of the provisions of this code. 3. The work being performed is found to be in violation of any ordinance or regulation of any of the provisions of this code. 4. The scope of work being performed is found to exceed the work authorized by the permit. 5. Conditions and limitations set forth in the permit have been violated. 6. The permit placard was not posted in accordance with Section 105.7. 7. The permit is used for a location or establishment other than that for which it was issued. 8. The permit is used for a condition or activity other than that listed in the permit. 9. The permit is used for a different person or firm than the name for which it was issued. 10. The permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein. 		Section adds conditions for when a permit could be suspended or revoked to provide better administrative control on construction work within the Village.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
29	IBC	A	Commercial and Residential	Section 105.6.1 Reinstatement of permit. Once a permit expires, is suspended, revoked or invalidated, renewals or extensions may be granted contingent on the responsible party's showing of good cause and the payment of administrative fees in accordance with Section 109. A permit that has been suspended or revoked for more than thirty business days shall be considered invalid and cannot be renewed.	Section added.	Section establishes conditions for the reinstatement of permits.
30	IBC	A	Commercial and Residential	Section 105.7 Placement of permit. The building permit or copy shall be kept on the site of the work until the completion of the project. The permit placard(s) shall be posted on the subject property in a location clearly visible from the public right-of-way for the duration of the project until such time as the project has passed all final inspections, all permits have been closed and a Certificate of Occupancy has been issued, where applicable. Where inspections are not required by this code, the permit placard(s) shall remain posted until all work is completed. The placards shall be made available for inspection by the building official or its designee during all available working hours. Failure to post the permit placard(s) shall be considered to be a violation of this code's procedures for regulation of construction.		Section rewritten to clarify the duration of time that permit placards shall be displayed on the site.
31	IBC	A	Commercial and Residential	Section 105.7.1 Removal of permit placard. Permit placards shall immediately be removed for visibility from the public right-of-way upon the issuance of a Certificate of Occupancy or the completion of the work as described in Section 105.7.	Section added.	Section added to indicate when the permit placard may be removed from display on the site.
32	IBC	A	Commercial and Residential	Section 105.7.2 Unlawful use of permit placard. It shall be unlawful to publicly display, mislead or otherwise use a permit placard to perform work which is not authorized by the permit.	Section added.	Section added to make it unlawful to display a permit placard for use other than the scope of work for which it is issued.
33	IBC	A	Commercial and Residential	Section 105.7.3 Failure to post placard(s). Failure to post the permit placard(s) in a location clearly visible from the public right-of-way violates the administrative procedures for regulating construction and is subject to administrative penalties and/or adjudicative fines.	Section added.	Section added to clarify that failure to display a permit placard is a violation of the code.
34	IBC	A	Commercial and Residential	Section 105.8 Transfer of permit. Permits are not transferable and any change in occupancy, operation, tenancy or ownership of a building or structure shall require that a new permit be issued.	Section added.	Section added to indicate that permits are not transferrable from one entity to another.
35	IBC	A	Commercial and Residential	Section 105.9 Compliance responsibility. This code places the responsibility for compliance with this code on both the property owner and the person(s) who perform(s) the work.	Section added.	Section added to indicate responsibility for compliance with the building codes.
36	IBC	A	Commercial and Residential	Section 107.1 General. Submittal documents consisting of construction documents, engineering calculations, product data sheets, statement of special inspections, geotechnical report and other data as deemed necessary by the building official shall be submitted in two or more sets, quantity determined necessary by the building official with each permit application. The construction documents shall be prepared by a registered design professional where required by the state statutes of the jurisdiction in which the project is to be constructed. Where required by State Statutes, the construction drawings shall be prepared, signed and sealed by a registered design professional. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared, signed and sealed by a registered design professional for projects that may be exempt from such requirement under state statute. Exception: The building official is authorized to waive the submission of construction documents drawings and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that the review of construction documents is not necessary to obtain compliance with this code.		Section rewritten to clarify requirements for submittal documents to be prepared, signed and sealed by a licensed design professional.
37	IBC	A	Commercial and Residential	Section 107.2.2 Fire protection system shop drawings. Shop drawings for the fire protection system(s) shall be submitted to indicate conformance to this code and the construction documents and shall be approved prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9. Document submittal and plan review for fire protection systems is a two-step process which requires the separate submission of a technical submission and layout documents (shop drawings).		Section rewritten to clarify state legislation related to the submittal of drawings for fire protection systems.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
38	IBC	A	Commercial and Residential	<p>Section 107.2.2.1 Technical submission. A technical submission consists of the designs, drawings, and specifications which establish the scope and standard of quality for materials, workmanship, equipment, and systems. Technical submissions also include, but are not limited to, studies, analyses, calculations and other technical reports. The technical submission shall include additional information as deemed necessary by the building or fire code official to fully describe the sprinkler system design parameters and scope of work.</p> <p>The technical submission for the fire protection system shall be submitted as part of the initial submittal of construction documents for plan review. The technical submission shall be prepared, signed and sealed by a licensed design professional.</p>	Section added.	Section added to clarify state legislation related to the submittal of drawings for fire protection systems.
39	IBC	A	Commercial and Residential	<p>Section 107.2.2.2 Layout documents. Subsequent to the approval of the technical submission, layout documents (shop drawings) for the fire protection system shall be submitted and approved prior to the start of system installation. The layout drawings shall serve as a guide for the fabrication and installation of a fire sprinkler system. The layout documents shall not take the place of the technical submission. The layout documents shall be based on the approved technical submission.</p> <p>The layout documents shall either be prepared by a licensed design professional or a NICET Level 3 or 4 certified technician. If the layout documents are prepared by a licensed design professional, they shall bear an original signature and seal of the design professional on each page. If the documents are prepared by a NICET certified technician, they shall have the preparer's name, signature and NICET certification number on each page.</p> <p>The system layout documents shall, at a minimum, consist of the following:</p> <ol style="list-style-type: none"> 1. Scaled plans prepared in accordance with NFPA 13 and NFPA 24, as applicable, indicating the size and location of risers, cross mains, branch lines, sprinkler heads, piping per applicable standard, hanger locations, etc. as required for a complete installation of the fire protection system. 2. Technical data sheets of all system components and hardware, and 3. Supplemental hydraulic calculations prepared in accordance with the approved technical submission and NFPA 13. <p>The system layout documents shall bear a certification from the design professional of record that the system layout documents are in conformance with the approved technical submission requirements established for the project.</p>	Section added.	Section added to clarify state legislation related to the submittal of drawings for fire protection systems.
40	IBC	A	Commercial and Residential	<p>Section 107.3.2 Previous approvals. This code shall not require changes in the <i>construction documents</i>, construction or designated occupancy of a structure for which a lawful <i>permit</i> has been heretofore issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith within 90 180 days after the effective date of this code and has not been abandoned.</p>		Timeframe for projects under design to comply with the newly adopted codes is reduced from 180 days to 90 days from the effective date of the codes.
41	IBC	A	Commercial and Residential	<p>Section 109.2 Schedule of permit fees. On buildings, structures, electrical, gas, mechanical, and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority. On all work governed by the Village of Oak Park's Building Codes requiring a permit, a fee for each permit shall be paid as required, in accordance with the fee schedule established by Chapter 7, Article 8 of the Oak Park Village Code. It shall be a violation of this Code to perform work without a permit where a permit is required. The fees for work started without a permit shall include the administrative fees under Chapter 7, Article 8, Section 9 of the Village Code. In addition, the responsible party may be assessed fines and penalties for violation of any applicable ordinances in accordance with applicable code violation procedures.</p>		

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
42	IBC	A	Commercial and Residential	<p>Section 110.1.1 Inspections required. Construction or work for which a permit is required shall be inspected by the building official to ensure compliance with this code. Any work that will be concealed shall be inspected and approved before being concealed. Work inspected and approved shall not be modified without obtaining a subsequent approval prior to the modification. The building official may require the removal of any installed work if deemed necessary to properly inspect the installation of work concealed prior to inspection and neither the building official nor the Village shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.</p> <p>The building official may require any project related personnel to be on site for any inspection, including, but not limited to property owners, design professionals, general contractor and/or sub-contractor representatives or owners.</p> <p>Safe access shall be provided to all areas required for inspection: the building official reserves the right to not perform any inspection where safe access is not provided, including but not necessarily limited to, trenches, ladders, temporary stairs, guardrails, areas requiring the removal of safety equipment such as boots or hard hats, and/or manholes or vaults. Where specialty safety equipment is required to perform an inspection, it shall be provided for the inspector to use for the inspection, by a responsible party to the construction project.</p> <p>The property owner at the time of permit issuance shall ultimately be responsible for assuring that all the required inspections are approved.</p>	Section added.	Section added to indicate that work is required to be inspected and establishes certain personnel or items that are required to be on site at the time of inspection to allow for proper inspection of the work.
43	IBC	A	Commercial and Residential	<p>Section 110.3.11 Demolitions. Prior to the start of any demolition, the site shall be inspected for the following items.</p> <ol style="list-style-type: none"> 1. Construction fence must be in place, completely surrounding the property in accordance with the requirements set forth in Section 3306.10. 2. A source of temporary construction water must be ready and available on site. The water source may be provided by water-dispersing tank trucks or by use of a hose connected to a public hydrant. 	Section added.	Fencing is required around demolition sites to protect the general public and a water source is required to control the release of dust created during demolition from impacting surrounding properties.
44	IBC	A	Commercial and Residential	<p>110.3.11.1 Pre-Construction inspection. Demolition shall not begin until such time as the inspector has issued an inspection ticket authorizing the start of demolition.</p>	Section added.	Administrative provision to ensure that fencing has been installed and a water source has been made available at the site.
45	IBC	A	Commercial and Residential	<p>110.3.11.2 Periodic inspections. Periodic inspections of the work may be required by the building official based on site conditions, particularly proximity of the work to adjacent structures.</p>	Section added.	Site conditions may warrant special inspections by the Village or the design professional to ensure that demolition work does not endanger adjacent properties.
46	IBC	A	Commercial and Residential	<p>110.3.11.3 Final inspection. A final inspection of the demolished work shall be performed to ensure that the site has been graded to match existing surrounding grades and that all debris has been removed from the site and the public way. Any deposits paid as part of the demolition permit will not be released until the site passes final inspection.</p>	Section added.	Administrative provision to ensure that the site has been fully leveled, regraded and fenced.
47	IBC	A	Commercial and Residential	<p>Section 111.1.1 Certificates of Occupancy required. The following projects require Certificates of Occupancy to be issued prior to occupancy of the work areas for their intended use.</p> <ol style="list-style-type: none"> 1. New construction, including building additions 2. Commercial build-outs for new tenancy 3. Interior alterations of more than 50% of a given commercial lease space 4. Interior alterations of any size that affect means of egress, exit signage, emergency lighting or other life-safety features 5. Change in commercial building tenancy, even if not involving alterations 6. Change of occupancy classification 7. Change of use 8. Moved structures 9. Other project types as deemed necessary by the building official 	Section added.	Clarifies what project types require the issuance of a Certificate of Occupancy upon completion of the work to ensure that all required inspections have been performed.
48	IBC	A	Commercial and Residential	<p>Section 113.3.1 Members. Members of the board of appeals shall consist of all members of the Village of Oak Park's Building Code Advisory Commission who are in good standing at the time of application of an appeal.</p>	Section added.	Establishes the BCAC as the Board of Appeals.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
49		A	Commercial and Residential	Section 113.3.2 Meetings. Meetings of the board of appeals shall conform to the rules and regulations of the Village of Oak Park's Citizen Advisory Boards and Commissions' Procedure Manual.	Section added.	Indicates that meetings of the board of appeals are subject to the same rules and regulations as other Village citizen boards and commissions.
50	IBC	A	Commercial and Residential	Section 116.5 Restoration. The structure or equipment determined to be unsafe by the <i>building official</i> shall be is permitted to be restored to a safe condition. To the extent that repairs, <i>alterations</i> or <i>additions</i> are made or a change of occupancy occurs during the restoration of the structure, such repairs, <i>alterations</i> , <i>additions</i> or change of occupancy shall comply with the requirements of Section 105.2.2 and Chapter 34 the Existing Building Code as amended and adopted by the Village of Oak Park.		Administrative provision to delete the IBC section on Existing Structures and replace with the International Existing Building Code.
51	IBC	A	Commercial and Residential	Section 202 Definitions , is modified to add the following: BUILDING PERMIT VALUATION: The building permit valuation is the market value, at the time of application for permit, of the cost to construct a building or structure, including additions or alterations thereto, or the installation or modification of any building component or operating system. <u>Various cost factors influence the construction cost of such projects. Costs considered in establishing the building permit valuation of a project may include, but shall not be limited to the market value of the cost of materials and equipment and labor to install same, construction equipment rental and operating costs, overhead and profit for general contractor and all sub-contractors, general conditions (such as temporary facilities, aids and controls), project management and coordination, mobilization and demobilization, temporary utilities, demolition, structure moving, storage tank removal, special inspections required by code, soils and material testing, and built-in furnishings. For purpose of determining the value of permit fees, these costs shall be applied only to work items that are regulated by any of the series of building codes adopted by the Village of Oak Park.</u> <u>The costs of the following items are not considered in determining the building permit valuation: land acquisition, surveys, geotechnical investigations, bonds and insurance, design professional or attorney fees, hazardous material removal, remediation (such as asbestos, lead and mold), moveable plug-and-cord fixtures, moveable furnishings, residential kitchen and laundry appliances, and interior surface finishes (unless required as part of a fire-rated assembly).</u> RESPONSIBLE PARTY: Except as may otherwise be specified herein, the owner or the owner's designated agent shall be considered a responsible party for ensuring compliance with this code. In addition, any other person or entity that may be reasonably considered to have a role or responsibility in the creation, continuation, or correction of any violation of this code shall be considered a responsible party or additional responsible party for such violation.	Section added.	Definition added to clarify what work items constitute the overall building permit valuation number.
52	IBC	BD	Commercial	Add the following to Section 310.1. Residential Group R: Bed and Breakfast Establishments shall be constructed in accordance with Section 424 of this Code.	Section added.	Section removes bed and breakfast establishments from the Residential Use Groups listed as this occupancy type is governed by Municipal Code.
53	IBC	BD	Commercial	Section 424 BED AND BREAKFAST ESTABLISHMENTS Section 424.1 General. Bed and Breakfast Establishments shall be constructed in accordance with the applicable provisions of the Municipal Code of the Village of Oak Park.	Section added.	Section removes bed and breakfast establishments from the Residential Use Groups listed as this occupancy type is governed by Municipal Code.
54	IBC	BD	Commercial	Table 508.2.5 INCIDENTAL ACCESSORY OCCUPANCIES , shall be revised to include the following: <u>ROOM OR AREA</u> All Use Group, storage rooms in excess of 100 square feet or adjoining storage rooms with a combined floor area greater than 100 square feet <u>SEPARATION AND/OR PROTECTION</u> 1 hour or provide automatic fire-extinguishing system		Section reinstates requirement for separation of storage rooms over 100sf which was included in the chart in the 2003 IBC but dropped in the 2009 version.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change																																																																																																																																																					
55	IBC	BD	Commercial	<p>Section 508.3.3 Separation. No separation is required between nonseparated occupancies.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> Group H-2, H-3, H-4 and H-5 occupancies shall be separated from all other occupancies in accordance with Section 508.4. Group I-1, R-1, R-2 and R-3 dwelling units and sleeping units shall be separated from other dwelling or sleeping units and from other occupancies contiguous to them in accordance with the requirements of Section 420. <u>Group B, F-1, M and S-1 shall be each separated from all other occupancies with a minimum 1-hour fire-resistance-rated fire barrier.</u> 																																																																																																																																																							
56	IBC	BD	Commercial	<p>Table 508.4 REQUIRED SEPARATION OF OCCUPANCIES. <u>The row of the chart related to occupancy types B, F-1, M and S-1 shall be deleted in its entirety. Separate rows shall be added for each of occupancy types B, F-1, M and S as shown below:</u></p> <table border="1"> <thead> <tr> <th rowspan="2">OCCUPANCY</th> <th colspan="2">A,E</th> <th colspan="2">I-1, I-3, I-4</th> <th colspan="2">I-2</th> <th colspan="2">R</th> <th colspan="2">F-2, S-2, U</th> <th colspan="2">B</th> <th colspan="2">F-1</th> <th colspan="2">M</th> <th colspan="2">S-1</th> <th colspan="2">H-1</th> <th colspan="2">H-2</th> <th colspan="2">H-3, H-4, H-5</th> </tr> <tr> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> <th>S</th> <th>NS</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>2</td> <td>NP</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>N</td> <td>N</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>NP</td> <td>NP</td> <td>2</td> <td>3</td> <td>1</td> <td>2a</td> </tr> <tr> <td>F-1</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>2</td> <td>NP</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td></td> <td></td> <td>N</td> <td>N</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>NP</td> <td>NP</td> <td>2</td> <td>3</td> <td>1</td> <td>2a</td> </tr> <tr> <td>M</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>2</td> <td>NP</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td>N</td> <td>N</td> <td>1</td> <td>2</td> <td>NP</td> <td>NP</td> <td>2</td> <td>3</td> <td>1</td> <td>2a</td> </tr> <tr> <td>S-1</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td>2</td> <td>NP</td> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>N</td> <td>N</td> <td>NP</td> <td>NP</td> <td>2</td> <td>3</td> <td>1</td> <td>2a</td> </tr> </tbody> </table>	OCCUPANCY	A,E		I-1, I-3, I-4		I-2		R		F-2, S-2, U		B		F-1		M		S-1		H-1		H-2		H-3, H-4, H-5		S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	S	NS	B	1	2	1	2	2	NP	1	2	1	2	N	N	1	2	1	2	1	2	NP	NP	2	3	1	2a	F-1	1	2	1	2	2	NP	1	2	1	2			N	N	1	2	1	2	NP	NP	2	3	1	2a	M	1	2	1	2	2	NP	1	2	1	2					N	N	1	2	NP	NP	2	3	1	2a	S-1	1	2	1	2	2	NP	1	2	1	2							N	N	NP	NP	2	3	1	2a		Chart modified to require a level of fire separation between type B, F-1, M and S-1 occupancies and dissimilar occupancies, similar in concept to that required in the previous code edition.
OCCUPANCY	A,E		I-1, I-3, I-4			I-2		R		F-2, S-2, U		B		F-1		M		S-1		H-1		H-2		H-3, H-4, H-5																																																																																																																																			
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57	IBC	BD	Commercial	<p>Section 709.1 General. The following wall assemblies shall comply with this section.</p> <ol style="list-style-type: none"> Walls separating dwelling units in the same building as required by Section 420.2. Walls separating sleeping units in the same building as required by Section 420.2. <u>Walls separating tenant spaces in covered mall buildings as required by Section 402.7.2, and walls between tenant spaces in other buildings unless tenant spaces are separated by fire barriers in accordance with Section 706 to reduce the size of any fire area.</u> Corridor walls as required by Section 1018.1. Elevator lobby separation as required by Section 708.14.1. 																																																																																																																																																							
58	IBC	CR	Commercial	<p>Section 717.2.7 Concealed sleeper spaces. Where wood sleepers are used for laying wood flooring on masonry or concrete fire-resistance-rated floors, the space between the floor slab and the underside of the wood flooring shall be filled with an <i>approved</i> material to resist the free passage of flame and products of combustion or fireblocked in such a manner that there will be no open spaced under the flooring that will exceed 100 square feet (9.3 m²) in area and such space shall be filled solidly under permanent partitions so that there is no communication under the flooring between adjoining rooms.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> Fireblocking is not required for slab on grade floors in gymnasiums. Fireblocking is required only at the juncture of each alternate lane and at the ends of each lane in a bowling facility. 		Section modified to delete the exception for slab-on-grade gymnasium floors as the open space between sleepers can propagate the spread of fire without direct visual knowledge of the spread of fire.																																																																																																																																																					
59	IBC	CR	Commercial	<p>Section 717.3.3 Other groups. In other groups, draftstopping shall be installed so that the horizontal floor areas do not exceed 1,000 <u>500</u> square feet (93 <u>46</u> m²) or 25 feet in any horizontal direction. <u>Draftstopping shall divide the concealed space into approximately equal areas.</u></p> <p>Exception: Draftstopping is not required in buildings equipped throughout with an <i>automatic sprinkler system</i> in accordance with Section 903.3.1.1 of the International Fire Code as amended and adopted by the Village of Oak Park.</p>		Section reduces the total allowable square footage of undivided concealed space to control the spread of fire.																																																																																																																																																					

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
60	IBC	LS	Commercial	<p>Section 902.1 Definitions, is modified to add the definition of "Fire Area" to read as follows:</p> <p>FIRE AREA: The aggregate floor area enclosed and bounded by fire walls, <i>fire barriers</i>, <i>exterior walls</i> and/or <u>fire-resistance rated horizontal assemblies of a building, including the space occupied by those walls, or in the case of demising walls, to the centerline of the demising walls.</u> Areas of the building not provided with surrounding walls shall be included <u>within the fire area if such areas are included</u> within the horizontal projection of the roof or floor next above.</p>		Section clarifies how the floor area of the fire area is calculated.
61	IBC	LS	Commercial	<p>Section 903.1 General. <i>Automatic sprinkler systems</i> shall comply with this section <u>Section 903 AUTOMATIC SPRINKLER SYSTEMS of the International Fire Code as amended and adopted by the Village of Oak Park.</u></p>		Section indicates that automatic sprinkler systems shall be installed per the International Fire Code (IFC).
62	IBC	LS	Commercial	<p>The following sections are deleted in their entirety:</p> <p>Section 903.1.1 Alternative protection Section 903.2 Where required Section 903.2.1 Group A Section 903.2.1.1 Group A 1 Section 903.2.1.2 Group A 2 Section 903.2.1.3 Group A 3 Section 903.2.1.4 Group A 4 Section 903.2.1.5 Group A 5 Section 903.2.2 Group B ambulatory health care facilities Section 903.2.3 Group E Section 903.2.4 Group F 1 Section 903.2.4.1 Woodworking operations Section 903.2.5 Group H Section 903.2.5.1 General Section 903.2.5.2 Group H 5 Section 903.2.5.3 Pyroxylin plastics Section 903.2.6 Group I Section 903.2.7 Group M Section 903.2.7.1 High piled storage Section 903.2.8 Group R Section 903.2.9 Group S 1</p>		These sections are dropped from the IBC to avoid any conflict with the IFC.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
				<p>Section 903.2.9.1 Repair garages Section 903.2.9.2 Bulk storage of tires Section 903.2.10 Group S-2 enclosed parking garages Section 903.2.10.1 Commercial parking garages Section 903.2.11 Specific building areas and hazards Section 903.2.11.1 Stories without openings Section 903.2.11.1.1 Opening dimensions and access Section 903.2.11.1.2 Openings on one side only Section 903.2.11.1.3 Basements Section 903.2.11.2 Rubbish and linen chutes Section 903.2.11.3 Buildings 55 feet or more in height Section 903.2.11.4 Ducts conveying hazardous exhausts Section 903.2.11.5 Commercial cooking operations Section 903.2.11.6 Other required suppression systems Section 903.2.12 During construction Section 903.3 Installation requirements Section 903.3.1 Standards Section 903.3.1.1 NFPA 13 sprinkler systems Section 903.3.1.1.1 Exempt locations Section 903.3.1.2 NFPA 13R sprinkler systems Section 903.3.1.2.1 Balconies and decks Section 903.3.1.3 NFPA 13D sprinkler systems Section 903.3.2 Quick response and residential sprinklers Section 903.3.3 Obstructed locations Section 903.3.4 Actuation Section 903.3.5 Water supplies Section 903.3.5.1 Domestic services Section 903.3.5.1.1 Limited area sprinkler systems Section 903.3.5.1.2 Residential combination services Section 903.3.5.2 Secondary water supply Section 903.3.6 Hose threads Section 903.4 Sprinkler system supervision and alarms Section 903.4.1 Monitoring Section 903.4.2 Alarms Section 903.4.3 Floor control valves Section 903.5 Testing and maintenance</p>		
63	IBC	CR	Commercial	<p>Section 907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 <u>100</u> or more. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.</p> <p>Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler waterflow.</p>		Section modified to carry over previous amendment that limited the occupancy without a manual fire alarm system to less than 100 persons.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
64	IBC	CR	Commercial	<p>Section 913.2.2 Fire pump room construction. Fire pumps, where required by code or by the local Fire Department, shall be located in an enclosure designed for protection of the equipment from weather or mechanical damage. The fire pump room shall have each of the following features.</p> <p><u>1. Lighting and power.</u> The room shall be adequately lighted to facilitate operation and maintenance of the equipment. At least one 110-volt duplex convenience outlet with ground-fault protection as regulated by the National Electric Code as amended and adopted by the Village of Oak Park shall be provided in a safe location within the enclosure.</p> <p><u>2. Drainage.</u> At least one floor sink complying with the State of Illinois Plumbing Code shall be provided. The floor sink shall be capable of draining waste water drained from the sprinkler system inspection port or main sprinkler piping system drain without accumulation on the floor. The floor sink shall be installed a minimum of 36 inches from any panel or piece of equipment.</p> <p><u>3. Access.</u> The room shall be in an accessible location as approved by the fire department with a minimum 36-inch wide door leading directly to the building exterior unless otherwise approved by the Fire Department.</p> <p><u>4.</u> There shall be a minimum 3 foot wide access path with minimum 7 foot high clear headroom through the fire pump room to all equipment. There shall be a minimum 36-inch wide by 36-inch deep by 84-inch high service clearance in front of each piece of equipment or panel in the fire pump room.</p> <p><u>5. Separation.</u> Other than piping, conduits, ducts and/or equipment directly serving the fire pump or the fire pump room, no other building components or systems shall be installed in or pass through the fire pump room.</p>	Section added.	Section added to carry over previous amendment.
65	IBC	CR	Commercial	<p>Section 1008.1.3 Door opening force. The force for pushing or pulling open interior swinging egress doors, other than fire doors, shall not exceed 5 pound (22 N). For other swinging doors, as well as sliding and folding doors, the door latch shall release when subjected to a 15 pound (67 N) force. The door shall be set in motion when subjected to a 30 pound (133 N) force. The door shall swing to a full open position when subjected to a 15 pound (67 N) force. The maximum force for unlatching, pushing or pulling open doors shall be as follows:</p> <p><u>1. Exterior hinged doors, other than fire doors: 8.5 pounds</u></p> <p><u>2. Interior swinging doors, other than fire doors: 5.0 pounds</u></p> <p><u>3. Sliding or folding doors, other than fire doors: 5.0 pounds</u></p> <p><u>4. Fire doors, interior or exterior: 15.0 pounds to release the latch, 30.0 pounds to set the door in motion and 15.0 pounds to swing the door to a full-open position.</u></p>		Section modified to provide consistency with the accessibility codes.
66	IBC	CR	Commercial	<p>Section 1011.4 Internally illuminated exit signs. Electrically powered, self luminous and photoluminescent exit signs shall be listed and labeled in accordance with UL 924 and shall be installed in accordance with the manufacturer's instructions and Chapter 27 the <u>2008 National Electric Code as amended and adopted by the Village of Oak Park.</u> Exit signs shall be illuminated at all times.</p>		Section modified to reference the National Electric Code.
345	IBC	CR	Residential	<p>Section 1021.1.1 Occupied Roofs. For purpose of means of egress only, roofs that are intended for private or public use occupiable space (uses other than general maintenance or repair) shall have two separate means of egress. For purpose of this Section only, exterior spiral stairways constructed in accordance with Section 1009.9 may be provided as a second means of egress from an occupiable roof area.</p> <p><u>Exceptions:</u></p> <p><u>1. Buildings provided throughout with automatic sprinkler protection.</u></p> <p><u>2. Buildings with parapets or roof edges no higher than 30 feet above the level of fire department access.</u></p> <p><u>3. Buildings with windows or other exterior wall openings leading directly to the occupied roof area which have a sill height no higher than 30 feet above the level of fire department access.</u></p>	Section added.	Section added to provide a higher level of safety for occupants of buildings that use roof levels for occupiable space such as decks.
67	IBC	BD	Commercial	<p>Section 1101.2 Design. Buildings and facilities shall be designed and constructed to be accessible in accordance with this code, and <u>ICC A117.1 and other applicable laws and ordinances.</u></p>		Section modified to include reference to other accessibility laws and ordinances, which include the Illinois Accessibility Code, The ADA and others.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
68	IBC	AC	Commercial	Section 1106.2.1 Group R-2. Where parking is provided, the accessible stalls required by Section 1106.1 shall be provided in number(s) above and beyond that required for compliance with the Zoning Ordinance of the Village of Oak Park for total number of parking stalls to be provided for any Group R-2 occupancy. The number of accessible stalls required by Section 1106.1 shall remain available to the general public at all times and shall not be subject to sale or rent to any individual.	Section added.	Section added to prevent the sell-off of spaces initially provided to conform with accessibility requirements.
69	IBC	AC	Commercial	Section 1108.2.7.3 Closed captioning. All places of assembly that provide visual display screens, televisions or other visual devices for entertainment or informational purposes which have adjustable volume audio systems, shall also be provided with closed captioning services to be displayed at all times such devices are active.	Section added.	Section added to make visual display screens in places of assembly fully accessible.
70	IBC	A	Commercial	Section 1206 YARDS OR COURTS, is deleted in its entirety.		Section deleted due to conflict with fire separation distance requirements elsewhere in the code.
71	IBC				Line item deleted	Language condensed under Item number 70
72	IBC				Line item deleted	Language condensed under Item number 70
73	IBC				Line item deleted	Language condensed under Item number 70
74	IBC				Line item deleted	Language condensed under Item number 70
75	IBC				Line item deleted	Language condensed under Item number 70
76	IBC	A	Commercial	Section 1301.1.1 Criteria. Buildings shall be designed and constructed in accordance with the International current edition of the State of Illinois Energy Conservation Code.		Section modified to reference the State-mandated Energy Conservation Code.
77	IBC	CR	Commercial	Section 1408.4.1 EIFS with drainage. All EIFS with drainage shall have an average minimum drainage efficiency of 90 percent when tested in accordance with the requirements of ASTM E 2273. and is required on framed walls of Type V construction and Group R-1, R-2, R-3 and R-4 occupancies.		Section requires the use of drainage planes within exterior Insulation System Finish (EIFS) assemblies to ensure the building envelope remains watertight.
78	IBC	CR	Commercial	Section 1408.5.1 Height above grade. EIFS systems shall not be installed closer than 8 feet to finished exterior grade.	EIFS is the acronym for Exterior Insulated Finish System which consists of an artificial stucco surface material applied over a layer(s) of rigid insulation applied over exterior walls. The product system affords a high insulating value but is susceptible to damage from building movement.	Height requirement added due to the susceptibility of EIFS systems to physical damage.
79	IBC	CR	Commercial	Section 1503.4 Roof drainage. Design and installation of roof drainage systems shall comply with Section 1503 and Chapter 11 of the International Plumbing Code appended to this code and re-titled as Chapter 36 STORM DRAINAGE.		Chapter 34 provides information on the sizing of gutters and downspouts for varying rainfall intensities which is not included in the State Plumbing Code.
80	IBC	CR	Commercial	Section 1503.4.4 Minimum slope. The minimum slope of the undeflected roof surface toward gutters, scuppers, roof drains or other water collectors shall be 1/4-inch per foot or the roof shall be designed in accordance with Section 1611.2.		A minimum slope is established to ensure proper drainage of roof systems.
81	IBC	CR	Commercial	Section 1507.14 Sprayed polyurethane foam roofing, 1507.14.1 Slope, 1507.14.2 Material standards, 1507.14.3 Application and 1507.14.4 Foam plastics are deleted in their entirety.		Product was deleted from the code due to inherent problems with maintaining the roof system watertight. Leaks are generally not readily noticeable without the use of advanced testing equipment.
82	IBC				Line item deleted	Language condensed under Item number 81
83	IBC				Line item deleted	Language condensed under Item number 81
84	IBC				Line item deleted	Language condensed under Item number 81
85	IBC				Line item deleted	Language condensed under Item number 81

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
86	IBC	LS	Commercial	Section 1607.3.1 Balconies, decks, porches and stairways. In addition to the minimum uniformly distributed unit loads required by Table 1607.1, all exterior balconies, decks, porches and stairways shall be designed to resist a lateral live load not less than 15 pounds per square foot applied laterally and parallel to the main building exterior wall on all horizontal occupiable surfaces including, but not limited to built-in seating areas, stairs and walking surfaces.	Section added.	Section adds a requirement for these structures to be designed for a minimum horizontal live load, in addition to the already established vertical live loads, in order to account for wind and people loads. Testing done by Virginia Tech University have shown how horizontal loads due to people movement on structures can severely weaken or fail standard connections in these types of structures. This new loading requirement is consistent in concept with the International Residential Code requirement for lateral load connection for decks.
87	IBC	LS	Commercial	Section 1608.2.1. Minimum ground snow load. The minimum design ground snow load shall be taken as the greater of the ground snow load calculated in accordance with Section 1608.2 or 30 pounds per square foot of horizontal projection.	Section added.	Section carries over a previous amendment to increase the design snow load.
88	IBC	A	Commercial	Section 1704 Special Inspections. Section 1704.1 General. Where application is made for construction as described in this section, the owner or the registered design professional in responsible charge acting as the owner's agent shall employ one or more approved agencies to perform inspections during construction on the types of work listed under Section 1704. These inspections are in addition to the inspections identified in Section 110. The special inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the building official, for the inspection of the particular type of construction or operation requiring special inspection. <u>With the approval of the building official</u> , the registered design professional in responsible charge and engineers of record involved in the design of the project are permitted to act as the approved agency and their personnel are permitted to act as the special inspector of the work designed by them, provided those personnel meet the qualification requirements of this section to the satisfaction of the building official. The special inspector shall provide written documentation to the building official demonstrating his or her competence and relevant experience or training. Experience or training shall be considered relevant when the documented experience or training is related in complexity to the same type of special inspection activities for projects of similar complexity and material qualities. These qualifications are in addition to qualifications specified in other sections of this code.		Section adds the requirement for the building official to approve a registered design professional to act as the special inspector. The design professional may be required to offer proof of special training in certain areas to provide this level of service.
89	IBC	CR	Commercial	Section 1704.17 Fire-resistant penetrations and joints. Special inspections are required for all through-penetrations, membrane penetration firestops, fire-resistant joint systems, and perimeter fire barrier systems. Such systems shall be installed in accordance with Sections 713 and Section 714.	Section added.	Section adds the requirement for firestopping systems to require special inspection.
90	IBC	CR	Commercial	Section 1704.17.1 Penetration firestops. Inspections of penetration firestop systems that are tested and listed in accordance with Section 713 shall be conducted by an approved inspection agency in accordance with ASTM E 2174.	Section added.	Section indicates the testing standard for firestopping systems.
91	IBC	CR	Commercial	Section 1704.17.2 Fire-resistant joint systems. Inspection of fire-resistant joint systems that are tested and listed in accordance with Sections 714 shall be conducted by an approved inspection agency in accordance with ASTM E 2393.	Section added.	Section indicates what entity can perform the testing of firestopping systems.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
92	IBC	CR	Commercial	<p>Section 1809.5 Frost protection. Except where otherwise protected from frost, foundations and other permanent supports of buildings and structures shall be protected from frost by one or more of the following methods:</p> <ol style="list-style-type: none"> 1. Extending below the frost line of the locality; 2. Constructing in accordance with ASCE 32; or 3. Erecting on solid rock. <p>Exception: Free-standing buildings meeting all the following conditions shall not be required to be protected:</p> <ol style="list-style-type: none"> 1. Assigned to Occupancy Category I, in accordance with Section 1604.5; or 2. Area of Total building perimeter area is 600 square feet (56 m²) or less for light-frame construction or 400 square feet (37 m²) or less for other than light-frame construction; and 3. Building not higher than 1-story and Eave height of not higher than 10 feet (3048 mm) or less; and 4. <u>Building with attic space clear headroom less than 80 inches in height. Higher clear headroom is permitted where the total floor area of the attic space with clear headroom greater than 80 inches occurs over an area less than 70 square feet; and</u> 5. <u>Building envelope is not constructed with brittle materials such as masonry, stucco, EIFS or similar materials; and</u> 6. <u>Any overall exterior wall line dimension does not exceed 24 feet; and</u> 7. <u>Where the accessory structure is not connected to a plumbing sewer line.</u> 		Section carries over a previous amendment. It also adds additional requirements for when frost-protected foundations are not required. This modification is intended to provide better long-term resistance to damage of smaller structures due to frost heave action when shallow foundations are used.
93	IBC	CR	Commercial	<p>Section 2104.1.7 Exterior walls. Single wythe exterior concrete masonry unit walls, where any of the masonry units are exposed to the weather, shall not be permitted unless the wall is constructed in accordance with all of the following provisions:</p> <ol style="list-style-type: none"> 1. <u>The concrete masonry units shall be manufactured with an integral water repellent conforming to ASTM 514.</u> 2. <u>The mortar shall be mixed with an integral water repellent conforming to ASTM 514.</u> 3. <u>A surface-applied water repellent shall be applied to the exterior side of all concrete masonry units exposed to the weather.</u> 	Section added.	Unprotected single wythe exterior masonry walls are generally subject to water infiltration due to the lack of a drainage plane. This section is intended to ensure that buildings and structures constructed of concrete masonry units can reasonably be assured to be constructed watertight.
94	IBC	CR	Commercial	<p>Section 2304.11.10 Exterior wood structural members. Structural members exposed to the weather shall be of single piece construction unless the individual sections that comprise the composite member are separated by permanently installed spacers to provide air ventilation between the sections.</p>	Section added.	Section is added to provide exposed wood structural members a higher level of resistance to rot by allowing air movement between sections of built-up members.
95	IBC	LS	Commercial	<p>Section 2306.1.1 Joists and rafters. With the exception of all grades of Southern Pine lumber species, the design of rafter spans is permitted to be in accordance with the AF&PA Span Tables for Joists and Rafters. For all grades of Southern Pine Lumber, the allowable spans for rafters shall be determined from the current amendment to the International Building Code as published by the American Wood Council.</p>		Section was added as the design values for allowable stress in Southern Pine structural members, as posted in the International Building Code, were found by industry testing to be substantially lower than the published values. The American Wood Council has been maintaining a current list of approved design values for Southern Pine Lumber.
96	IBC	LS	Commercial	<p>Section 2308.8 Floor joists. With the exception of all grades of Southern Pine lumber species, allowable spans for floor joists shall be accordance with Table 2308.8(1) or 2308.8(2). For all grades of Southern Pine Lumber, the allowable spans for floor joists shall be determined from the current amendment to the International Building Code as published by the American Wood Council. For other grades and/or species, refer to the AF&PA Span Tables for Joists and Rafters .</p>		Section was added as the design values for allowable stress in Southern Pine structural members, as posted in the International Building Code, were found by industry testing to be substantially lower than the published values. The American Wood Council has been maintaining a current list of approved design values for Southern Pine Lumber.
97	IBC	LS	Commercial	<p>Section 2308.10.2 Ceiling joist spans. With the exception of all grades of Southern Pine lumber species, Allowable spans for ceiling joists shall be accordance with Table 2308.10.2(1) or 2308.10.2(2). For all grades of Southern Pine Lumber, the allowable spans for ceiling joists shall be determined from the current amendment to the International Building Code as published by the American Wood Council. For other grades and/or species, refer to the AF&PA Span Tables for Joists and Rafters .</p>		Section was added as the design values for allowable stress in Southern Pine structural members, as posted in the International Building Code, were found by industry testing to be substantially lower than the published values. The American Wood Council has been maintaining a current list of approved design values for Southern Pine Lumber.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
98	IBC	LS	Commercial	Section 2308.10.3 Rafter spans. With the exception of all grades of Southern Pine lumber species, Allowable spans for rafters shall be accordance with Table 2308.10.3(1), 2308.10.3(2), 2308.10.3(3), 2308.10.3(4), 2308.10.3(5) or 2308.10.3(6). For all grades of Southern Pine Lumber, the allowable spans for rafters shall be determined from the current amendment to the International Building Code as published by the American Wood Council. For other grades and/or species, refer to the AF&PA Span Tables for Joists and Rafters .		Section was added as the design values for allowable stress in Southern Pine structural members, as posted in the International Building Code, were found by industry testing to be substantially lower than the published values. The American Wood Council has been maintaining a current list of approved design values for Southern Pine Lumber.
99	IBC	A	Commercial	Section 2409.1 Glass in elevator hoistway enclosures and elevator cars. Glass in elevator hoistway enclosures and hoistway doors shall be laminated glass conforming to ANSI Z97.1 or CPSC 16 CFR Part 1201 conform to the current edition of the State of Illinois Safety Code for Elevators and Escalators. Such glass shall have a fire-resistance rating in accordance with Section 715.		Section was modified to reference the State of Illinois Elevator Safety Code as the governing code for the design of conveyances.
100	IBC	A	Commercial	Section 2409.1.1 Fire-resistance-rated hoistways; 2409.1.2 Glass hoistway doors; 2409.2 Glass vision panels, 2409.3 Glass in elevator cars; 2409.3.1 Glass types; and 2409.3.2 Surface area are deleted in their entirety.	Section deleted	Section was deleted as the State of Illinois Elevator Safety Code is the governing code for the design of conveyances.
101	IBC				Line item deleted	Language condensed under Item number 100
102	IBC				Line item deleted	Language condensed under Item number 100
103	IBC				Line item deleted	Language condensed under Item number 100
104	IBC				Line item deleted	Language condensed under Item number 100
105	IBC	A	Commercial	Section 2701.1 Scope. This chapter governs the electrical components, equipment and systems used in buildings and structures covered by this code. Electrical components, equipment and systems shall be designed and constructed in accordance with the provisions of the 2008 National Electric Code, NFPA 70 as amended and adopted by the Village of Oak Park.		Section was modified to indicate that the National Electric Code (NEC) will govern the design and installation of electrical work. This NEC has been the Village's electric Code since 1984.
106	IBC	A	Commercial	Section 2701.1.1 References. Any reference in the 2008 National Electric Code, NFPA 70 to "this code", or similarly intended language, shall be construed to mean and include any adopted amendments to the 2008 National Electric Code, NFPA 70. Where any discrepancy may occur between a referenced code section and the amendment that overrides it, the reference shall be applied practically as the context of the amendment suggests. The building official shall make the final determination of intent where a discrepancy may occur.		Section was modified to indicate that the National Electric Code (NEC) will govern the design and installation of electrical work. This NEC has been the Village's electric Code since 1984.
107	IBC	A	Commercial	Section 2901.1 Scope. The provisions of this chapter and the International Plumbing Code the current edition of the State of Illinois Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing equipment and systems. Plumbing systems and equipment shall be constructed, installed and maintained in accordance with the International Plumbing Code. Private sewage disposal systems shall conform to the International Private Sewage Disposal Code.		Provisions of the International Plumbing Code are deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
108	IBC	CR	Commercial	Section 2902 MINIMUM PLUMBING FIXTURES, is deleted in its entirety and replaced with the following text: Section 2902 Construction site restroom facilities. For any temporary building or building under construction, that is not yet occupied for its intended purpose, temporary restroom facilities shall be provided for persons working on the construction site in accordance with applicable laws and ordinances.		Section added to require the provision of temporary sanitary facilities at construction sites and regulate their use on site.
109	IBC	A	Commercial	Section 2903 TOILET ROOM REQUIREMENTS is deleted in its entirety.	Section deleted.	Provisions of the International Plumbing Code are deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
110	IBC				Line item deleted	Language condensed under Item number 109
111	IBC				Line item deleted	Language condensed under Item number 109
112	IBC	A	Commercial	Section 3001.2 Referenced standards. Except as otherwise provided for in In addition to this code, the design, construction, installation, alteration, repair and maintenance of elevators and conveying systems and their components shall conform to ASME-A17.1/CSA B44, ASME A90.1, ASME B20.1, ALI ALCTV, and ASCE 24 for construction in flood hazard areas established in Section 1612.3 the current provisions of the Safety Codes and Standards for conveyances as adopted by the State of Illinois and the Village of Oak Park. Where there is a conflict between the two codes, the stricter requirement shall be followed.		Section was modified to reference the State of Illinois Elevator Safety Code is the governing code for the design of conveyances.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
113	IBC	BD	Commercial and Residential	Section 3002.4 Elevator car to accommodate ambulance stretcher. Where elevators are provided in buildings four or more stories <u>in height</u> above, or four or more stories below, grade plane, at least one elevator shall be provided for fire department emergency access to all floors. <u>The dimensions of the elevator car shall be of such a size and arrangement provide a minimum floor area not less than 60 inches by 85 inches, clear inside of walls and handrails, to accommodate an ambulance stretcher 24 inches by 84 inches (610 mm by 2134 mm) with not less than 5 inch (127 mm) radius corners, in the horizontal, open position that is in the horizontal fully open position</u> and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than 3 inches (76 mm) high and shall be placed inside on both sides of the hoistway door frame.		Section carries over a previous amendment to ensure that the stretchers used by the Fire Department can fit into the elevator cab in a horizontal position to facilitate life saving measures during transport inside the elevator cab.
114	IBC	CR	Commercial and Residential	Section 3107.1 General: Signs shall be designed, constructed and maintained in accordance with this code <u>and the Sign Code of the Village of Oak Park.</u>		Section modified to reference the Village's Sign Code.
115	IBC	CR	Commercial and Residential	Section 3301.2 Storage and placement. Construction equipment and materials shall be stored and placed so as not to endanger the public, the workers or adjoining property for the duration of the construction project <u>and as follows:</u> 1. <u>Mobile construction offices shall not be located closer than 10 feet to any property line not adjoining the public right-of-way.</u> 2. <u>Site stored materials shall be kept under tarps or other approved coverings and shall be located not closer than 10 feet to any property line.</u> 3. <u>Fuel supply tanks shall be maintained a minimum of 10 feet from any structure or combustible material. Fuel tanks shall be enclosed with chain link fencing or barricades to prevent mechanical damage to the tanks.</u> 4. <u>Temporary heating units shall be maintained a minimum of 10 feet from any combustible material or structure. The local fire department shall be notified a minimum of 24 hours in advance of the use of any temporary heating units.</u>		Section modified to provide stricter control on the storage and placement of construction items and materials on site to lessen the impact to the surrounding properties.
116	IBC	CR	Commercial and Residential	Section 3301.3 Construction work sites and execution of work. All construction work shall be performed in accordance with this code and other pertinent laws and ordinances. For purposes of this Section, the term "construction" shall mean the erection of new buildings or structures or the, remodeling, alteration, renovation or repair of existing structures.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
117	IBC	CR	Commercial and Residential	Section 3301.3.1 Responsibility. It shall be the duty of every person or entity that performs work regulated by this code, including but not limited to construction, installation or repair of a building, structure or equipment, to comply with the provisions of this code.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
118	IBC	A	Commercial and Residential	Section 3301.3.2 Items to be made available on site. The following items shall be maintained at the work site and made available to the building official or his or her designee upon request during all work hours. 1. <u>Copy of permit(s) or placard authorizing the commencement of construction for the authorized scope of work.</u> 2. <u>Approved set of construction documents.</u> 3. <u>Copy of all inspection reports issued by Village inspectors.</u>	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
119	IBC	CR	Commercial and Residential	Section 3301.3.3 Cleaning. Construction sites and sites for the storage of construction materials and/or equipment shall be kept clean and maintained. Debris and trash from the site shall be removed or contained daily and when otherwise requested by the building official or his or her designee. Debris shall not be allowed to accumulate on the public right-of-way.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
120	IBC	CR	Commercial and Residential	Section 3301.3.3.1 Responsible party for disposal of construction debris. Property owners and/or the prime contractor in charge of the construction site shall furnish non-combustible leak-proof containers for construction debris, garbage, trash and litter, and shall be the responsible parties for the disposal of same by private waste haulers.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
121	IBC	CR	Commercial and Residential	Section 3301.3.3.2 Containment of debris, garbage, trash and litter. All debris, garbage, trash and litter shall be picked up from the ground of the construction site and adjoining areas if scattered during the course of the day. All debris, garbage, trash and litter shall be placed in approved containers as specified in Section 3301.3.3.1.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
122	IBC	CR	Commercial and Residential	Section 3301.3.3.2.1 Dumpsters. The use of dumpsters or other containers for collection of construction debris, garbage, trash and/or litter shall require a permit if such dumpster or container is placed within the public right-of-way. A barricade with flashing light shall be erected at each end and on the street side of any dumpster or container placed in the public right-of-way.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
123	IBC	CR	Commercial and Residential	Section 3301.3.3.3 Air-borne dust and particulate matter. Air-borne dust and particulate matter shall be controlled such that adjoining properties within 500 feet of the construction site are not affected by air-borne dust and particulate matter.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
124	IBC	CR	Commercial and Residential	Section 3301.3.3.4 Public right-of-way. The public right-of-way shall be maintained in a broom swept condition at all times. Excavation and backfill materials shall not be allowed to accumulate on the public right-of-way.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
125	IBC	CR	Commercial and Residential	Section 3301.3.4 Security. Construction sites shall be maintained secure at all times from entry by unauthorized persons and from all trespassers. Construction gates shall be locked at all times workers are not on site.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
126	IBC	CR	Commercial and Residential	Section 3301.3.5 Signage. The contractor shall securely attach his sign to the construction fence in a location visible from the public right-of-way. The sign shall be a maximum of 18 inches high by 24 inches long. The sign shall include, at a minimum, the following information: 1. Name and address of project 2. Name of general contractor 3. Contractor's contact information for 24-hour emergency response	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
127	IBC	CR	Commercial and Residential	Section 3301.3.6 Unauthorized use of construction site. Construction sites or sites used for storage of construction materials and/or equipment shall only be used for the activities approved by permit(s) issued by the Village of Oak Park, and for the duration of permit(s) or license(s) issued. Uses violating this code or Village ordinances are prohibited. Exception: Premises where additions, remodeling or renovations are being performed, and on which existing buildings or structures are currently occupied, in use, or have determined to have no imminent hazards associated with use while construction is on-going, can be used for their originally approved building code classifications as long as safety hazards do not impact the safe use of the building during construction.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
128	IBC	CR	Commercial and Residential	Section 3301.3.7 Damages and hazards to adjacent properties and neighborhoods. Construction sites are required to be used in a manner so as not to cause damage or hazards to adjacent public or private properties, residential neighborhoods or business districts. The contractor of record shall be responsible for the construction site and shall ensure that damage and hazards are not imposed on adjacent public or private properties, residential neighborhoods or business districts within proximity of the construction site. The building official is authorized to issue a Stop-work Order for the project until any damages or hazards to adjacent properties are corrected or abated.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
129	IBC	CR	Commercial and Residential	Section 3301.3.8 Nuisance violations. Nuisance violations and other violations of the Municipal Code of the Village of Oak Park are prohibited.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
130	IBC	CR	Commercial and Residential	Section 3301.3.8.1 Construction work hours. Construction work hours shall be maintained in accordance with the Municipal Code of the Village of Oak Park.	Section added.	Section added to refer contractors to the Municipal Code with regard to noise nuisance restrictions and to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
131	IBC	CR	Commercial and Residential	Section 3301.3.9 Construction staging and material storage areas. Areas used for construction staging and/or material storage shall not be permitted to encumber the public right-of-way without prior written permission by the building official. Unless staging and storage on adjacent properties is agreed to by the owner(s) of such properties, staging and storage of materials shall be on the property on which work is being executed. Additional permits may be required for staging and storage of materials on properties other than which work is being executed.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
132	IBC	CR	Commercial and Residential	Section 3301.3.10 Job-site safety. Construction sites shall be maintained in a safe working condition, and workers and visitors to the site shall practice safety measures for construction sites in accordance with all applicable laws and ordinances.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
133	IBC	A	Commercial and Residential	Section 3301.3.11 Vacating of structure. When, during construction there is imminent danger or failure of collapse of a building or structure or any part thereof which endangers life safety, or when, during construction of any building or structure or part of same has fallen and life safety is endangered by the occupancy, use, or continued construction of the building or structure, the building official is hereby authorized and empowered to order and require the occupants to vacate the building or structure forthwith.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
134	IBC	LS	Commercial and Residential	Section 3301.3.12 Temporary safeguards and emergency repairs. Upon finding by the building official of any unsafe condition capable of posing imminent danger to its condition or the life safety of persons on site, the building official shall have the authority to order temporary safeguards and emergency repairs to render the building or structure temporarily safe until permanent repairs can be facilitated. For purposes of this Section, upon the disregard to any notice issued by the building official to provide temporary safeguards and emergency repairs to render the building or structure temporarily safe the building official shall have the authority to employ the necessary labor and materials to perform the required work as expeditiously as possible with all costs to be back-charged to the contractor or other responsible party.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
135	IBC	A	Commercial and Residential	Section 3301.3.13 Right of condemnation before completion. The building official shall have the authority to condemn a building or structure under construction before its completion where the building or structure is found to be unsafe and endangers the life, health and safety of the adjacent property occupants or the general public.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
136	IBC	A	Commercial and Residential	Section 3301.3.14 Abatement or removal. The building official shall have the authority to order abatement and/or removal of any unsafe building, structure or condition thereon.	Section added.	Section added to provide stricter enforcement over construction sites and activities to lessen the impact of construction projects on surrounding properties.
137	IBC	CR	Commercial and Residential	Section 3305.1 Facilities required. Sanitary facilities shall be provided during construction, remodeling, renovation or demolition activities in accordance with the International Plumbing Code State of Illinois law and the following conditions: 1. Sanitary facilities shall not be located closer than 10 feet to any property line; 2. Sanitary facilities shall not be installed in any residential front yard; and 3. Sanitary facilities shall be served and cleaned minimally on a weekly basis.		Section added to require the provision of temporary sanitary facilities at construction sites and regulate their use on site.
138	IBC	LS	Commercial and Residential	Table 3306.1 Protection of Pedestrians, is modified to include the following: Table 3306.1 HEIGHT OF CONSTRUCTION <u>More than 8 feet</u> DISTANCE FROM CONSTRUCTION TO LOT LINE <u>Less than 10 feet</u> TYPE OF PROTECTION REQUIRED <u>System of scaffolding and netting shall be provided to fully encompass all work areas at a level higher than the top of the barrier or covered walkway</u>		Section modified to provide a higher level of life safety for pedestrians near construction sites.
139	IBC	LS	Commercial and Residential	Section 3306.9 Adjacent to excavations. Every excavation, including trenches, on a site located 5 feet (1524 mm) or less from the street lot line shall be enclosed with a barrier not less than 6 feet (1829 mm) high. Where located more than 5 feet (1524 mm) from the street lot line, a barrier shall be erected when required by the building official shall be fully enclosed with a minimum 4 feet high chain link fence or barrier, or by other measures to ensure public safety, when workers are not present on site. Barriers The enclosure shall be of adequate strength to resist wind pressure as specified in Chapter 16.		Section modified to provide a higher level of life safety for pedestrians near construction sites.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
140	IBC	LS	Commercial and Residential	<p>Section 3306.10 Adjacent to construction. All construction sites shall be fully enclosed with an 8 feet high barrier of chain link fence with closed selvages on top and full-height opaque fabric during all phases of the work unless approved in writing by the building official. Chain link fencing shall have full-height posts driven into or staked to the ground at 8 feet on center maximum along the length of the construction fence. The fence shall be of adequate strength to resist wind pressure as specified in Chapter 16. Sandbagging of fence posts shall not be permitted without the prior approval of the building official. Minimum 6 feet wide lockable double-leaf gates shall be provided at every 50 feet on center or fraction thereof along the length of the fence facing the public right-of-way for emergency access. Fencing may be omitted, upon approval of the building official, where adjacent buildings or fences provide protection from entry into the construction site. All construction fences shall have a permanent sign, in accordance with Section 3301.3.5. The use of barbed wire, razor wire or similar fencing materials shall not be permitted.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Fence height shall be a minimum 6 feet high on properties within residential districts established by the Zoning Ordinance of the Village of Oak Park. 2. Lockable double-leaf gates are not required on properties within residential districts established by the Zoning Ordinance of the Village of Oak Park. 3. Opaque fabric fence covering shall not be required for projects governed by the International Residential Code. 		Section added to clarify construction fencing requirements.
141	IBC	CR	Commercial and Residential	SECTION 3313 TREE PROTECTION	Section added.	Section added to provide protection of parkway trees from construction activities.
142	IBC	CR	Commercial and Residential	<p>Section 3313.1 Where required. Parkway trees and their root zones are required to be protected during construction under any of the following circumstances:</p> <ol style="list-style-type: none"> 1. Where excavation of the parkway occurs within the drip zone of any tree located within the parkway. 2. Where powered wheel or track vehicles or equipment cross the parkway in areas other than on a driveway. 3. Where construction operations have the potential to affect the health and/or safety of a parkway tree as determined by the inspector. 4. Where a dumpster is located within 10 feet of a parkway tree. 	Section added.	Section added to provide protection of parkway trees from construction activities.
143	IBC	CR	Commercial and Residential	Section 3313.2 Protection required. Prior to the start of construction, tree and root zone protection, root pruning and/or barriers shall be installed in accordance with the Tree Protection Specifications for Construction and the Right-of-way Restoration Standards of the Village of Oak Park, and shall be maintained in place for the duration of the work.	Section added.	Section added to provide protection of parkway trees from construction activities.
144	IBC	CR	Commercial and Residential	Section 3313.3 Inspections. Prior to the start of construction, the contractor proposing to perform work within the public right-of-way shall contact the Village Forester or building official to schedule a pre-construction inspection. The inspection will serve to inventory trees to determine their size, species, health, pruning needs, protection requirements, removal considerations, or other requirements needed to protect the health of Village trees. Prior to removal of root zone protection or barriers or, prior to the start of any required parkway restoration, an additional inspection of the parkway is required.	Section added.	Section added to provide protection of parkway trees from construction activities.
145	IBC	CR	Commercial and Residential	Section 3313.3 Damage to trees. Any damage to Village trees or landscaped areas shall be restored in accordance with the Specifications for Construction and the Right-of-way Restoration Standards of the Village of Oak Park.	Section added.	Section added to provide protection of parkway trees from construction activities.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
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VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2009 INTERNATIONAL RESIDENTIAL CODE

146	IRC	A	Residential	Section R101.1 Title. These regulations, <u>as amended and adopted by the Village of Oak Park</u> shall be known as the Residential Code of the Village of Oak Park, hereinafter referred to as "this code."		Administrative provision to note that this code has been locally amended.
147	IRC	A	Residential	Section R102.5 Appendices. Provisions in the Appendices shall not apply unless specifically referenced in the adopting ordinance. Adopted as part of this code are: <ol style="list-style-type: none"> 1. <u>Appendix A - Sizes and Capacities of Gas Piping.</u> 2. <u>Appendix B - Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category 1 Appliances, and Appliances Listed for Use with Type B Vents.</u> 3. <u>Appendix C - Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems.</u> 4. <u>Appendix D - Recommended Procedure for Safety Inspection of an Existing Appliance Installation.</u> 5. <u>Appendix F - Radon Control Methods, as amended hereinafter.</u> 6. <u>Appendix G - Swimming Pools, Spas and Hot Tubs.</u> 7. <u>Appendix H - Patio Covers.</u> 8. <u>Appendix J - Existing Buildings and Structures.</u> 9. <u>Appendix K - Sound Transmission, and</u> 10. <u>Appendix M - Home Day Care - R-3 Occupancy.</u> 		Administrative provision to adopt the referenced Appendices.
148	IRC	A	Residential	Chapter 1, PART II - ADMINISTRATION AND ENFORCEMENT , is deleted in its entirety and replaced with the following: Chapter 1, PART II - ADMINISTRATION AND ENFORCEMENT <u>Administration and enforcement of this code shall be governed by applicable provisions of Chapter 1 of the International Building Code as amended and adopted by the Village of Oak Park and amended in the Village of Oak Park's Modifications to the International Building Code.</u>		Section modified to avoid inconsistency between Chapter 1 of the various code books.
149	IRC	BD	Residential	Table R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA , is modified to read as follows: Table R301.2(1) Climatic and Geographic Design Criteria <u>Ground snow load: 30 psf</u> <u>Wind Design Speed: 90 mph</u> <u>Topographic effects: No</u> <u>Seismic Design Category: B</u> <u>Weathering: Severe</u> <u>Frost depth line: 42 inches</u> <u>Termites: Moderate to heavy</u> <u>Winter design temperature: -4° F, 97.5%</u> <u>Summer design temperature: 89° F Dry Bulb, 2.5%; 76° F Wet Bulb, 2.5%</u> <u>Ice barrier underlayment required: Yes</u> <u>Flood Hazards: No</u> <u>Air freezing index: 1543 (°F-Days)</u> <u>Annual mean temperature: 49.4 °F</u> <u>Heating degree days (HDD): 6,155</u> <u>Cooling degree days (CDD): 942</u> <u>Climate zone: 5A</u> <u>Heating Maximum: 72° F</u> <u>Cooling Minimum: 75° F</u> <u>100-Year hourly rainfall rate: 4 inches</u>		Section filled in to provide design professionals with the design criteria listed.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
150	IRC	BD	Residential	<p>Table R301.5 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS, is hereby modified to include the following:</p> <p>Table R301.5 Minimum Uniformly Distributed Live Loads, in pounds per square foot</p> <p><u>USE</u> <u>Balconies (exterior) and decks</u></p> <p><u>LIVE LOAD</u> <u>15, applied laterally and parallel to main building exterior wall on all horizontal occupiable surfaces, including, but not limited to built-in seating areas, stairs and walking surfaces</u></p>		Section adds a requirement for these structures to be designed for a minimum horizontal live load, in addition to the already established vertical live loads, in order to account for wind and people loads. Testing done by Virginia Tech University has shown how horizontal loads due to people movement on structures can severely weaken or fail standard connections in these types of structures. This new loading requirement is consistent in concept with the International Residential Code requirement for lateral load connection for decks to the primary structure.
151	IRC		Residential	<p>Section R302.1 Exterior walls. Construction, projections, openings and penetrations of <i>exterior walls of dwellings</i> and accessory buildings shall comply with Table R302.1.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Walls, projections, openings or penetrations in walls perpendicular to the line used to determine the fire separation distance. 2. <u>Existing exterior walls of dwellings and accessory structures, located on the same lot and projections there from, which are within the minimum fire separation distance required between two structures on the same lot shall not be required to comply with the minimum fire-resistance rating.</u> 3. Detached tool sheds and storage sheds, playhouses and similar structures exempted from permits are not required to provide wall protection based on location on the lot. Projections beyond the exterior wall shall not extend over the lot line. 4. Detached garages accessory to a dwelling located within 2 feet (610 mm) of a lot line are permitted to have roof eave projections not exceeding 4 inches (102 mm). 5. Foundation vents installed in compliance with this code are permitted. 		Verbiage is added to exempt existing exterior walls located closer than 3 feet to a property line from the requirement to be fire-resistance-rated.
152	IRC	BD	Residential	<p>Table R302.1 EXTERIOR WALLS, is modified to read as follows:</p> <p>Table R302.1 EXTERIOR WALLS</p> <p>Exterior Wall Element / Minimum Fire-resistance Rating / Minimum Fire Separation Distance</p> <p>Walls / Fire-resistance rated / 1-hour, tested in accordance with ASTM E 119 or UL 263 with exposure from both sides / <5 feet <u>≤ 3 feet</u></p> <p>Walls / Not fire-resistance rated / 0-hours / ≥ 5 feet <u>≥ 3 feet</u></p> <p>Projections / Fire-resistance rated / 2-hours, underside surfaces / <u>< 1 foot</u></p> <p>Projections / Fire-resistance rated / 1-hour, underside surfaces / ≥ 2 feet to 5 feet <u>≥ 1 foot and < 2 feet</u></p> <p>Projections / Fire-resistance rated / 1-hour, underside surfaces / Fire retardant treated framing and decking / <u>< 2 feet</u></p> <p>Projections / Not Fire-resistance rated / 0-hours / 5 feet <u>≥ 2 feet</u></p> <p>Openings in walls / Not allowed / Not applicable / <u>< 3 feet</u></p> <p>Openings in walls / 25% maximum of wall area / 0-hours / 3 feet <u>≥ 3 feet and < 5 feet</u></p> <p>Openings in walls / Unlimited / 0-hours / 5 feet <u>≥ 5 feet</u></p> <p>Penetrations / All / Comply with Section R302.4 / <u>< 5 feet</u></p> <p>Penetrations / All / None required <u>0-hours</u> / <u>≥ 5 feet</u></p>	The base code establishes the minimum building setback that does not result in exterior walls being required to conform to a fire-resistance rating to be 5 feet. This dimension is called the fire separation distance. This amendment reduces the fire separation distance to 3 feet to match the previous building code due to the tight proximity of many of Oak Park's existing residential buildings to side lot lines.	Section modified to lessen the requirement for building setbacks from 5 feet in the base code to 3 feet. Also modifies requirements for fire-resistance-rating of projections (generally roof eaves) that extend into the fire separation distance to provide a higher level of safety against fire damage to/from adjacent buildings.
153	IRC	CR	Residential	<p>Section R302.2 Townhouses. Each townhouse shall be considered a separate building and shall be separated by from other townhouses by a minimum 1-hour fire-resistance-rated fire wall assemblies meeting the requirements of Section R302.1 for exterior walls assembly. The cavities of such walls shall not contain plumbing or mechanical equipment, ducts or vents.</p>		Section modified to eliminate penetrations of fire-rated partitions in townhouses to provide a higher resistance to the spread of fire from one dwelling to another.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
154	IRC	CR	Residential	<p>Section R302.12 Draftstopping. In combustible construction where there is usable space both above and below the concealed space of a floor/ceiling assembly, draftstops shall be installed so that the area of the concealed space does not exceed 4,000 <u>500</u> square feet (92.9 m²) or 25 feet in any horizontal direction. Draftstopping shall divide the concealed space into approximately equal areas. Where the assembly is enclosed by a floor membrane above and a ceiling membrane below, draftstopping shall be provided in floor/ceiling assemblies under the following circumstances:</p> <p>1. Ceiling is suspended under the floor framing. 2. Floor framing is constructed of truss type open web or perforated members.</p> <p>Exception: Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section P2904, NFPA 13, NFPA 13R or NFPA 13D as approved by the building official.</p>	Open interstitial spaces between finished ceilings and floors can contribute to the quick spread of fire throughout a building by allowing fire to spread horizontally above walls if the interstitial space is not compartmentalized by draftstopping measures.	Section reduces the total allowable square footage of undivided concealed space to control the spread of fire.
346	IRC	CR	Residential	<p>Section R311.1.1 Occupied Roofs. For purpose of means of egress only, roofs that are intended for private or public use occupiable space (uses other than general maintenance or repair) shall have two separate means of egress. For purpose of this Section only, exterior spiral stairways constructed in accordance with Section 1009.9 may be provided as a second means of egress from an occupiable roof area.</p> <p>Exceptions:</p> <p>1. Buildings provided throughout with automatic sprinkler protection. 2. Buildings with parapets or roof edges no higher than 30 feet above the level of fire department access. 3. Buildings with windows or other exterior wall openings leading directly to the occupied roof area which have a sill height no higher than 30 feet above the level of fire department access.</p>	Section added.	Section added to provide a higher level of safety for occupants of buildings that use roof levels for occupiable space such as decks.
155	IRC	LS	Residential	<p>Section R313.2 One- and two-family dwellings automatic fire systems. Effective January 1, 2011, an automatic residential fire sprinkler system shall be installed in <u>new construction of one- and two-family dwellings.</u> Dwellings where more than 50% of the original structure above the foundation level is demolished and rebuilt shall be provided with an automatic fire sprinkler system throughout the dwelling.</p> <p>Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing <u>one- and two-family residential buildings,</u> that are not already provided with an automatic residential sprinkler system.</p>		Section modified to establish the thresholds for when construction requires fire sprinkler systems. As insurance policies generally provide for code upgrades, requirement for providing sprinklers in structures that are more than 50 percent rebuilt was not considered to be financially burdensome to the property owner.
156	IRC	LS	Residential	<p>Section R314.1 Smoke detection and notification. All smoke alarms shall be listed in accordance with UL 217 and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 72. <u>The alarm system shall not be dependent upon a subscription-based service to provide the level of notification intended by the provisions of this code.</u> No provision of this code shall be construed to override any more-restrictive provision of other applicable laws and ordinances.</p>		Added section to ensure that smoke and carbon monoxide detector alarm systems are not dependent upon a paid subscription service to provide notification to building occupants.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
157	IRC	LS	Residential	<p>Section R314.3 Location. <u>In new construction or where renovation or addition work requiring a permit occurs in existing buildings, smoke alarms shall be installed in the following locations:</u></p> <ol style="list-style-type: none"> 1. In each sleeping room. 2. <u>In open floor plan areas, within 15 feet of the location used for sleeping purposes.</u> 3. Outside each separate sleeping area, <u>within 15 feet of and</u> in the immediate vicinity of the <u>door to every</u> bedroom. 4. On each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level. 5. <u>In occupiable spaces of accessory structures, other than those used for vehicle or general storage.</u> <p>When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual <u>dwelling</u> unit.</p> <p><u>When occupiable space, other than that used for vehicle or general storage, is constructed or altered in an accessory structure, an approved smoke alarm shall be installed on each level of the structure. The smoke alarm(s) shall be hard-wire connected to a smoke alarm located within the primary structure on site.</u></p>		Section modified to comply with State regulations for the installation of smoke alarms. Additional requirements are established for the installation of smoke alarms in certain accessory structures to provide a higher level of life safety. Section carries over a previous amendment for requiring smoke alarms in existing buildings being renovated or added onto.
158	IRC	LS	Residential	<p>SECTION R315 CARBON MONOXIDE ALARMS</p> <p>Section R315.1 Carbon monoxide alarms. For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area, in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages <u>within 15 feet of the bedroom door, or in the case of an open floor plan, within 15 feet of the location used for sleeping purposes.</u></p>		Section modified to ensure compliance with State regulations for the installation of carbon monoxide alarms.
159	IRC	LS	Residential	<p>Section R315.2 Where required in existing dwellings. Where work requiring a permit occurs in existing dwellings that have attached garages or in existing dwellings within which fuel-fired appliances exist, carbon monoxide alarms shall be provided in accordance with Section R315.1 <u>an approved carbon monoxide alarm shall be installed outside of each separate sleeping area within the building, within 15 feet of the bedroom door, or in the case of an open floor plan, within 15 feet of the location used for sleeping purposes.</u></p>		Section modified to ensure compliance with State regulations for the installation of carbon monoxide alarms.
160	IRC	LS	Residential	<p>Section R315.3 Alarm requirements. Single station carbon monoxide alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions. Where required in accessory structures. Where occupiable space is constructed or altered in an accessory structure an approved carbon monoxide alarm shall be installed in each occupiable space other than space used for vehicle or general storage. The carbon monoxide alarm(s) shall be hard-wire connected to a carbon monoxide alarm located within the primary structure on site.</p>	Section added.	Section added to provide a higher level of life safety for occupants of accessory structures (generally garages).
161	IRC	LS	Residential	<p>Section R315.3 Section R315.4 Alarm requirements. Single station carbon monoxide alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions. <u>The alarm system shall not be dependent upon a subscription-based service to provide the level of notification intended by the provisions of this code. No provision of this code shall be construed to override any more-restrictive provision of other applicable laws and ordinances.</u></p>	Section renumbered.	Added section to ensure that smoke and carbon monoxide detector alarm systems are not dependent upon a paid subscription service to provide notification to building occupants.
162	IRC	A	Residential	<p>Section R321.1 Elevators. Where provided, passenger elevators, limited-use/limited application elevators or private residence elevators shall conform to the current provisions of the State of Illinois Safety Code for Elevators and Escalators. Codes and Standards for conveyances.</p>		Section was modified to reference the State of Illinois Elevator Safety Code is the governing code for the design of conveyances.
163	IRC	A	Residential	<p>Section R321.2 Platform lifts. Where provided, platform lifts shall comply with ASME A18.1 <u>conform to the current provisions of the State of Illinois Safety Codes and Standards for conveyances.</u></p>		Section was modified to reference the State of Illinois Elevator Safety Code is the governing code for the design of conveyances.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
164	IRC	BD	Residential	SECTION R324 TREE HOUSES	Each year, the Building Department receives numerous requests for construction requirements for the construction of tree houses. As the base code does not address tree houses, and in order to standardize requirements, this section has been added to ensure life safety of tree house occupants as well as the health of the tree.	Section added to address the construction of tree houses to ensure life safety of treehouse occupants and health of the tree.
165	IRC	BD	Residential	Section R324.1 General. This section applies to the construction of structures constructed in or around trees.		Section added to address the construction of tree houses to ensure life safety of treehouse occupants and health of the tree.
166	IRC	BD	Residential	Section R324.1.1 Definitions: For purposes of this Section, the following words and terms shall have the meanings stated below. DECK: An exterior floor system supported on at least two opposing sides by an adjoining structure and/or posts, piers or other independent supports. TREE HOUSE: A structure constructed around or attached to the trunk or branches of a tree with partial or fully enclosing guards or walls and/or roof, and is occupied for recreational purposes only.		Section added to define treehouses and decks as used in this section.
167	IRC	BD	Residential	Section R324.1.2 Limitation of location. The construction of tree houses and decks that are built around or supported by a tree shall be subject to the following limitations on site. 1. No tree house or deck that is built around or supported by a tree shall be permitted to be constructed less than three (3) feet from any property line. 2. No deck, treehouse or other structure shall be permitted to be constructed in or around any tree on public property. 3. A treehouse shall be surrounded by a barrier similar in construction to that required for swimming pools, spas and hot tubs. The provisions of Appendix G, SWIMMING POOLS, SPAS AND HOT TUBS, Section AG105.2, items 1 through 8 inclusive, with changing "swimming pool" to "treehouse" and deleting the last two sentences of item 1 shall apply.		Section added to regulate where treehouses can be constructed.
168	IRC	BD	Residential	Section R324.1.3 Limitation of use. No treehouse or deck that is built around or supported by a tree shall be used for storage.		Section added to address the construction of tree houses to ensure life safety of treehouse occupants and health of the tree.
169	IRC	BD	Residential	Section R324.1.4 Design. Due to the continued growth of trees and their dynamic movement under wind loading, mechanical, electrical and plumbing facilities are not permitted to service any structure supported by a tree.		Section added to address the construction of tree houses to ensure life safety of treehouse occupants and health of the tree.
170	IRC	BD	Residential	Section R324.1.4.1 Design documents. Design documents that are prepared, signed and sealed by a licensed architect or structural engineer shall be submitted for review and approval for any of the following projects. A structural calculation of the lateral wind load shall be submitted and the method of transferring the lateral load to the tree or ground shall be clearly detailed. No provision of this section shall be construed to override any requirement regarding the construction and permitting of decks as specified elsewhere in this code. 1. Construction or modification of a tree house of any size that is vertically supported wholly or in part by any tree. 2. Construction or modification of a tree house of any size that is constructed around a tree but not attached thereto. The minimum required distance between the tree and structure to allow for future tree growth and movement of the tree must be identified on the drawing. 3. Construction or modification of a deck of any height that is supported wholly or in part by any tree. 4. Construction or modification of a deck over 6 feet in height above grade level that is constructed around a tree but not attached thereto. The minimum required distance between the tree and structure to allow for future tree growth and movement of the tree must be identified on the drawing.		Section added to address the construction of tree houses to ensure life safety of treehouse occupants and health of the tree.
171	IRC	BD	Residential	Section R324.1.5 Condition of tree. For all projects for which a tree is relied upon to support a structure, a written report from an International Society of Arboriculture (ISA) certified arborist shall also be submitted which: 1. Describes the condition of the tree for structural integrity and overall health. 2. Offers the arborist's opinion on the ability of the tree to support the anticipated structure loads, and 3. Recommends fastener types based on the tree condition and proposed structure.	Section added to address the construction of tree houses to ensure life safety of treehouse occupants and health of the tree.	
172	IRC	CR	Residential	SECTION R325 SAFEGUARDS DURING CONSTRUCTION		

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
173	IRC	CR	Residential	Section R325.1 Safeguards during construction. Safety measures shall be provided in accordance with applicable provisions of this code. CHAPTER 33 SAFEGUARDS DURING CONSTRUCTION of the International Building Code as amended and adopted by the Village of Oak Park, and applicable laws.		Section added to reference information already covered in the amendments to the International Building Code.
174	IRC	A	Residential	Section R401.4.1 Geotechnical evaluation. In lieu of a complete geotechnical evaluation, the load-bearing values in Table R401.4.1 shall be assumed. Unless proven otherwise by submittal of a complete geotechnical soils evaluation of the soils at the site, the maximum load-bearing capacity of foundation materials shall be assumed to be 1,500 pounds per square foot. Where the building official determines that in-place soils with an allowable bearing capacity of less than 1,500 pounds per square foot are likely to be present at the site, the allowable bearing capacity shall be determined by a geotechnical soils evaluation.		Section establishes the minimum allowable bearing capacity to be assumed for the design of footings and foundations.
175	IRC	A	Residential	Table R401.4.1, shall be deleted in its entirety.		Deletion of section reinforces requirement for the submittal of a geotechnical evaluation to utilize soil design bearing capacities higher than 1,500 psf.
176	IRC	CR	Residential	Section R403.1.4 Minimum depth. All exterior footings shall be placed at least 12 14 inches (305 mm) below the undisturbed ground surface. Where applicable, the depth of footings shall also conform to Sections R403.1.4.1 through R403.1.4.2.		Section codifies the standard depth of turn-down slab edges for support of smaller buildings that the Village has historically interpreted.
177	IRC	CR	Residential	<p>Section R403.1.4.1 Frost protection. Except where otherwise protected from frost, foundation walls, piers and other permanent supports of buildings and structures shall be protected from frost by one or more of the following methods:</p> <ol style="list-style-type: none"> 1. Extended below the frost line specified in Table R301.2.(1); 2. Constructing in accordance with Section R403.3; 3. Constructing in accordance with ASCE 32; or 4. Erected on solid rock. <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Protection of freestanding accessory structures with an area of 600 square feet (56 m²) or less, of light frame construction, with an eave height of 10 feet (3048 mm) or less shall not be required. 2. Protection of freestanding accessory structures with an area of 400 square feet (37 m²) or less, of other than light frame construction, with an eave height of 10 feet (3048 mm) or less shall not be required. 3. Decks not supported by a dwelling need not be provided with footings that extend below the frost line. <p>Exception: Free-standing accessory structures meeting all the following conditions shall not be required to be protected:</p> <ol style="list-style-type: none"> 1. Total building perimeter area is 600 square feet or less for light-frame construction or 400 square feet or less for other than light-frame construction; and 2. Building not higher than 1-story and eave height not higher than 10 feet; and 3. Building with attic space clear headroom less than 80 inches in height. Higher clear headroom is permitted where the total floor area of the attic space with clear headroom greater than 80 inches occurs over an area less than 70 square feet; and 4. Building envelope is not constructed with brittle materials such as masonry, stucco, EIFS or similar materials; and 5. Any overall exterior wall line dimension does not exceed 24 feet; and 6. Where the accessory structure is not connected to a plumbing sewer line. 	EIFS is the acronym for Exterior Insulated Finish System which consists of an artificial stucco surface material applied over a layer(s) of rigid insulation applied over exterior walls. The product system affords a high insulating value but is susceptible to damage from building movement.	Section carries over a previous amendment. It also adds additional requirements for when frost-protected foundations are not required. This modification is intended to provide better long-term resistance to damage of smaller structures due to frost heave action when shallow foundations are used.
178	IRC	CR	Residential	<p>Section R403.1.9 Minimum reinforcement for slabs-on-ground with turned down footings. Slabs-on-ground with turned down footings shall have a minimum of one No. 4 bar at the top and bottom of the footing.</p> <p>Where the slab is not cast monolithically with the footing, No. 3 or larger vertical dowels with standards hooks on each end shall be provided in accordance with Figure R403.1.3.2. Standard hooks shall comply with Section R611.5.4.5.</p>		Section added to require a minimum level of reinforcement in turned-down slab edges for smaller buildings to provide better resistant to frost heave.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
179	IRC	CR	Residential	Section R403.1.10 Minimum reinforcement for slabs-on-ground with interior thickened slabs. Slabs-on-ground with interior thickened slabs shall have a minimum of two No. 4 bars set in and parallel with the direction of the thickened portion of the slab.		Section added to require a minimum level of reinforcement in thickened slabs.
180	IRC	BD	Residential	Section R502.1.8 Exterior wood structural members. Structural members exposed to the weather shall be of single piece construction unless the individual sections that comprise the composite member are separated by permanently installed spacers to provide air ventilation between the sections.		Section is added to provide exposed wood structural members a higher level of resistance to rot by allowing air movement between sections of built-up members.
181	IRC	BD	Residential	Section R502.3 Allowable joist spans. With the exception of all grades of Southern Pine lumber species, allowable spans for floor joists shall be accordance with Table R502.3.1(1) and R502.3.1(2). For all grades of Southern Pine Lumber, the allowable spans for floor joists shall be determined from the current amendment to the International Residential Code as published by the American Wood Council. For other grades and/or species and for other loading conditions, refer to the AF&PA Span Tables for Joists and Rafters .		Section was modified as the design values for allowable stress in Southern Pine structural members, as posted in the International Building Code, were found by industry testing to be substantially lower than the published values. The American Wood Council has been maintaining a current list of approved design values for Southern Pine Lumber.
182	IRC	BD	Residential	Section R502.14 Protection of prefabricated and cold-formed structural members. When there is usable space above a floor/ceiling assembly and the framing members are prefabricated wood I-joists, wood trusses, cold-formed steel joists or similar construction, the assembly shall be separated from the space below by not less than one layer of 5/8-inch Type X gypsum board, taped and sealed with joint compound, or approved equivalent, applied to the bottom of the assembly.	Section added.	Section added to provide a higher level of fire resistance to occupiable floor systems to make structures safer for first responders in the event of a fire.
183	IRC	LS	Residential	Section R802.4 Allowable ceiling joist spans. With the exception of all grades of Southern Pine lumber species, allowable spans for ceiling joists shall be in accordance with Table R802.4(1) and R802.4(2). For all grades of Southern Pine Lumber, the allowable spans for ceiling joists shall be determined from the current amendment to the International Residential Code as published by the American Wood Council. For other grades and/or species and for other loading conditions, refer to the AF&PA Span Tables for Joists and Rafters .		Section was modified as the design values for allowable stress in Southern Pine structural members, as posted in the International Building Code, were found by industry testing to be substantially lower than the published values. The American Wood Council has been maintaining a current list of approved design values for Southern Pine Lumber.
184	IRC	LS	Residential	Section R802.5 Allowable rafter spans. With the exception of all grades of Southern Pine lumber species, allowable spans for rafters shall be accordance with Table R802.5.1(1) through R802.5.1(8). For all grades of Southern Pine Lumber, the allowable spans for rafters shall be determined from the current amendment to the International Residential Code as published by the American Wood Council. For other grades and/or species and for other loading conditions, refer to the AF&PA Span Tables for Joists and Rafters . The span of each rafter shall be measured along the horizontal projection of the rafter.		Section was modified as the design values for allowable stress in Southern Pine structural members, as posted in the International Building Code, were found by industry testing to be substantially lower than the published values. The American Wood Council has been maintaining a current list of approved design values for Southern Pine Lumber.
185	IRC	CR	Residential	Section R905.14 Sprayed polyurethane foam roofing, Section R905.14.1 Slope, Section R905.14.2 Material Standards, Section R905.14.3 Application, Section R905.14.4 Foam Plastics, are deleted in their entirety.		Section was deleted due to the inherent problems of this product in being maintained watertight.
186	IRC	A	Residential	Chapter 11 – ENERGY EFFICIENCY, is deleted in its entirety.		Section deleted as the State's Energy Conservation Code governs energy efficiency of buildings.
187	IRC	CR	Residential	Section M1303.1.1 Manufacturer's data sheets. In lieu of providing a label as required by Section M1303.1 the manufacturer's product data sheets may be provided in a permanent protective sleeve located on or near the appliance.	Section added.	Section was added to make it easier for contractor to gain compliance in providing required information about the product installed.
188	IRC	CR	Residential	Section M1308.2.1 Protection for concealed dryer vent ducts. In concealed locations where clothes dryer vent ducts are installed between studs, joists, rafters or similar members less than 1.5 inches from the nearest edge of the member, the duct shall be protected by shield plates. Protective steel shield plates having a minimum thickness of 0.0575-inch (No. 16 gage), shall cover the area of the width of the duct and shall extend a minimum of 2 inches past each side of the duct for the full length of the duct.	Section added.	Section was added to prevent fasteners from being driven into the dryer exhaust duct. Fastener penetrations can collect dust, which will impede exhaust of lint, which may result in a fire.
189	IRC	CR	Residential	Section M1403.1. Heat Pumps. Where outside and/or return air ducts or openings are required by manufacturer specifications, the minimum unobstructed total area of the outside and return air ducts or openings to a heat pump shall not be less than 6 square inches per 1,000 Btu/h (13-208 mm ² /kW) output rating or as indicated by the conditions of the listing of the heat pump. Electric heat pumps shall conform to UL 1995.		Section modified to indicate requirement for outside and return air ducts or openings are only required if called for in the equipment manufacturer's specifications, not just for all heat pumps.
190	IRC	CR	Residential	Section M1411.2 Refrigeration coils in warm-air furnaces. Where a cooling coil is located in the supply plenum of a warm-air furnace, the furnace blower shall be rated at not less than 0.5-inch water column (124 Pa) static pressure at the required airflow for the associated cooling coil unless the furnace is listed and labeled for use with a cooling coil. Cooling coils shall not be located upstream from heat exchangers unless listed and labeled for such use. Conversion of existing furnaces for use with cooling coils shall be permitted provided the furnace will operate within the temperature rise specified for the furnace.		Section modified to clarify where the static pressure is to be tested.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
191	IRC	CR	Residential	Section M1411.3 Condensate disposal. Condensate from all cooling coils or evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. Such piping shall maintain a minimum horizontal slope in the direction of discharge of not less than 1/8 unit vertical in 12 units horizontal (1-percent slope). <u>Condensate drain lines or piping associated with permanently installed equipment or appliances shall not discharge into a street, alley or other areas where it would cause a nuisance to the exterior through the building envelope.</u>		Section modified to require condensate drain lines to be drained to a point internal to the building, not to the building exterior. This prevents condensate lines from being directed to the exterior at upper floor levels where servicing the line is not readily achievable by the homeowner in the event of the line getting clogged. This also eliminates a penetration of the building envelope.
192	IRC	CR	Residential	Section M1411.4 Auxiliary drain pan. Category IV condensing appliances shall have an auxiliary drain pan where damage to any building component will occur as a result of stoppage in the condensate drainage system. These pans shall be installed in accordance with the applicable provisions of Section M1411.3. Exception: Fuel-fired appliances that automatically shut down operation in the event of a stoppage in the condensate drainage system.		Operation of the float switch to shut down the heating unit in the winter time could cause substantial damage due to broken water pipes in the event the homeowner was not home to know the heating unit had been automatically shut down.
193	IRC	BD	Residential	Section M1503.4.1 Makeup air temperature. The temperature differential between makeup air and the air in the conditioned space shall not exceed 10° F except where the added heating and cooling loads of the makeup air do not exceed the capacity of the HVAC system.		
194	IRC	CR	Residential	Section M1601.4.1 Joints and seams, is modified to add the following text: <u>Unlisted duct tape is not permitted as a sealant on any ductwork.</u>		Section modified to prevent the use of joint tape that is not listed for the type of installation to ensure that taped joints stay air tight.
195	IRC	CR	Residential	Section M1806 FLUE LINERS, is added as follows:		Sections added to ensure that flexible flue liners are not installed with traps that can collect rain water or condensation which could block the exhaust of noxious gases from the building.
196	IRC	CR	Residential	Section M1806 Flue Liners		
197	IRC	CR	Residential	Section M1806.1 Retrofit flue liners. Retrofit flue liners shall conform to the manufacturer's written instructions, this code and Sections M1806.1.1 and M1806.1.2.		
198	IRC	CR	Residential	Section M1806.1.1 Flexible flue liners. Flexible flue liners shall conform to the manufacturer's written instructions, this code and Sections M1806.1.1.1 through M1806.1.1.3.		
199	IRC	CR	Residential	Section M1806.1.1.1 Attachment. Flexible flue liners shall be firmly attached at the top of the chimney in accordance with the manufacturer's written instructions. In the absence of manufacturer's written instructions, the upper termination of the liner shall be adequately supported and attached with a minimum of three corrosion-resistant fasteners made of material(s) compatible with all materials in contact thereto. The attachment(s) shall be adequate to support the entire flue liner in the chimney.		
200	IRC	CR	Residential	Section M1806.1.1.2 Transition between horizontal and vertical. Flexible flue liners shall not be utilized to transition between horizontal and vertical sections of the flue liner.		
201	IRC	CR	Residential	Section M1806.1.1.3 Prohibited installations. Flexible flue liners shall not be utilized in conjunction with solid fuel-burning appliances unless specifically listed and labeled for such use.		
202	IRC	CR	Residential	Section M1806.1.2 Chimney connection. A flue liner shall be connected by one of the methods prescribed below:		
203	IRC	CR	Residential	Section M1806.1.2.1 Capped Tee. A capped tee shall be installed at the bottom of the flue liner. The tee stem shall look out toward the appliance connection, the capped end shall be located at the bottom of the vertical length of the flue liner.		
204	IRC	CR	Residential	Section M1806.1.2.2 Elbow and capped tee. Where it is not possible to install a capped tee in conformance with Section M1806.1.2.1, the transition from the vertical length of flue liner to the horizontal length shall be made with a securely attached elbow. A cleanout shall be provided by installing a capped tee in the connector next to the chimney. The capped end of the tee stem shall face downward. The cap shall include provisions for drainage.		
205	IRC	CR	Residential	Section M1806.1.2.3 Other approved method. This section is not intended to prevent the use of any material, method of construction, design or system not specifically prescribed herein, provided that such construction, design or system has been approved by the code official as meeting the intent of this code.		
206	IRC	CR	Residential	Section M2301.2 Installation. Installation of solar energy systems shall comply with Sections M2301.2.1 through M2301.2.9 and the 2008 National Electric Code as amended and adopted by the Village of Oak Park.		Section modified to require compliance with the National Electric Code.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
207	IRC	BD	Residential	Section M2301.5 Backflow prevention. Connections from the potable water supply to solar energy systems shall comply with Section P2902.5.5 the State of Illinois Plumbing Code.		Provisions of the International Plumbing Code are deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
208	IRC	CR	Residential	Section G2417.7 Purging. The text of Section G2417.7 is deleted and replaced with the following:		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
209	IRC	CR	Residential	Section G2417.7 Purging requirements. The Purging of piping shall comply with <u>be in accordance</u> with Sections G2417.7.1 through G2417.7.3		
210	IRC	CR	Residential	Section G2417.7.1 Piping systems required to be purged outdoors. The purging of piping systems shall be in accordance with the provisions of Sections G2417.7.1.1 through G2417.7.1.4 where the piping system meets either of the following: 1. The design operating gas pressure is greater than 2 psig. 2. The piping being purged contains one or more sections of pipe or tubing greater than 2 inches in nominal size and exceeding the lengths in Table G2417.7.1.1.		
211	IRC	CR	Residential	Section G2417.7.1.1 Removal from service. Where existing gas piping is opened, the section that is opened shall be isolated from the gas supply and the line pressure vented in accordance with Section G2417.7.1.3. Where gas piping meeting the criteria of Table G2417.7.1.1 is removed from service, the residual fuel gas in the piping shall be displaced with an inert gas.		
212	IRC	CR	Residential	Table G2417.7.1.1 Size and Length of Piping Nominal Pipe Size (inches) / Length of Piping (feet) 2 ½ / >50 3 / >30 4 / >15 6 / >10 8 or larger / Any length		
213	IRC	CR	Residential	Section G2417.7.1.2 Placing in operation. Where gas piping containing air and meeting the criteria of Table G2417.7.1.1 is placed in operation, the air in the piping shall first be displaced with an inert gas. The inert gas shall then be displaced with fuel gas in accordance with Section G2417.7.1.3		
214	IRC	CR	Residential	Section G2417.7.1.3 Outdoor discharge of purged gases. The open end of a piping system being pressure vented or purged shall discharge directly to an outdoor location. Purging operations shall comply with all of the following requirements: 1. The point of discharge shall be controlled with a shutoff valve. 2. The point of discharge shall be located at least 10 feet from sources of ignition, at least 10 feet from building openings and at least 25 feet from mechanical air intake openings. 3. During discharge, the open point of discharge shall be continuously attended and monitored with a combustible gas indicator that complies with Section G2417.7.1.4. 4. Purging operations introducing fuel gas shall be stopped when 90% fuel gas by volume is detected within the pipe. 5. Persons not involved in the purging operations shall be evacuated from all areas within 10 feet of the point of discharge.		
215	IRC	CR	Residential	Section G2417.7.1.4 Combustible gas indicator. The combustible gas indicator used during purging operations shall be listed and shall be calibrated in accordance with the manufacturer's instructions and recommended schedule. The combustible gas indicator used for pipe discharge monitoring shall numerically display a volume scale from 0% to 100% with a resolution of not greater than 1% increments.		

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
216	IRC	CR	Residential	Section G2417.7.2 Piping systems allowed to be purged indoors or outdoors. The purging of piping systems shall be in accordance with the provisions of Section G2417.7.2.1 where the piping system meets both of the following: 1. The design operating gas pressure is 2 psig or less. 2. The piping being purged is constructed entirely from pipe or tubing of 2 inch nominal size or smaller, or larger size pipe or tubing with lengths shorter than specified in Table G2417.7.1.1.		
217	IRC	CR	Residential	Section G2417.2.1 Purging procedure. The piping system shall be purged in accordance with one or more of the following: 1. The piping shall be purged with fuel gas and shall discharge to the outdoors. 2. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through an appliance burner not located in a combustion chamber. Such burner shall be provided with a continuous source of ignition. 3. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through a burner that has a continuous source of ignition and that is designed for such purpose. 4. The piping shall be purged with fuel gas that is discharged to the indoors or outdoors, and the point of discharge shall be monitored with a listed combustible gas detector in accordance with G2417.7.1.2. Purging shall be stopped when fuel gas is detected. 5. The piping shall be purged by the gas supplier in accordance with written procedures.		
218	IRC	CR	Residential	Section G2417.7.2.2 Combustible gas detector. The combustible gas detector used during purging operations shall be listed and shall be calibrated or tested in accordance with the manufacturer's instructions and recommended schedule. The combustible gas detector used for pipe discharge monitoring shall indicate the presence of fuel gas.		
219	IRC	CR	Residential	Section G2417.7.3 Purging appliances and equipment. After the piping system has been placed in operation, appliances and equipment shall be purged before being placed into operation.		
220	IRC	CR	Residential	SECTION G2454 FLUE LINERS, is added as follows: Section G2454 FLUE LINERS	Section added.	Sections added to ensure that retrofit flue liners are not installed with traps that can collect rain water or condensation which could block the exhaust of noxious gases from the building.
221	IRC	CR	Residential	Section G2454.1 Retrofit flue liners. Retrofit flue liners shall conform to the manufacturer's written instructions, this code and Sections G2454.1.1 and G2454.1.2.		
222	IRC	CR	Residential	Section G2454.1.1 Flexible flue liners. Flexible flue liners shall conform to the manufacturer's written instructions, this code and Sections G2454.1.1.1 through G2454.1.1.3.		
223	IRC	CR	Residential	Section G2454.1.1.1 Attachment. Flexible flue liners shall be firmly attached at the top of the chimney in accordance with the manufacturer's written instructions. In the absence of manufacturer's written instructions, the upper termination of the liner shall be adequately supported and attached with a minimum of three corrosion-resistant fasteners made of material(s) compatible with all materials in contact thereto. The attachment(s) shall be adequate to support the entire flue liner in the chimney.		
224	IRC	CR	Residential	Section G2454.1.1.2 Transition between horizontal and vertical. Flexible flue liners shall not be utilized to transition between horizontal and vertical sections of the flue liner.		
225	IRC	CR	Residential	Section G2454.1.1.3 Prohibited installations. Flexible flue liners shall not be utilized in conjunction with solid fuel-burning appliances unless specifically listed and labeled for such use.		
226	IRC	CR	Residential	Section G2454.1.2 Chimney connection. A flue liner shall be connected by one of the methods prescribed below:		
227	IRC	CR	Residential	Section G2454.1.2.1 Capped Tee. A capped tee shall be installed at the bottom of the flue liner. The tee stem shall look out toward the appliance connection, the capped end shall be located at the bottom of the vertical length of the flue liner.		
228	IRC	CR	Residential	Section G2454.1.2.2 Elbow and capped tee. Where it is not possible to install a capped tee in conformance with Section G2454.1.2.1, the transition from the vertical length of flue liner to the horizontal length shall be made with a securely attached elbow. A cleanout shall be provided by installing a capped tee in the connector next to the chimney. The capped end of the tee stem shall face downward. The cap shall include provisions for drainage.		
229	IRC	CR	Residential	Section G2454.1.2.3 Other approved method. This section is not intended to prevent the use of any material, method of construction, design or system not specifically prescribed herein, provided that such construction, design or system has been approved by the building official as meeting the intent of this code.		

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
230	IRC	A	Residential	Chapter 25 PLUMBING ADMINISTRATION , is deleted in its entirety.		The Plumbing chapter is deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
231	IRC	A	Residential	Section P2601.1 Scope. The provisions of this chapter shall govern the installation of plumbing not specifically covered in other chapters applicable to plumbing systems. The installation of plumbing, appliances, equipment and systems not addressed by this code shall comply with the applicable provisions of the International Plumbing Code. The provisions of the current edition of the State of Illinois Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing equipment and systems.		Provisions of the International Plumbing Code are deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
232	IRC	CR	Residential	Section P2601.2 Connection. Plumbing fixtures, drains and appliances used to receive or discharge liquid wastes or sewage shall be connected to the sanitary drainage system of the building or premises in accordance with the requirements of this code. This section shall not be construed to prevent indirect waste systems. Construction site restroom facilities. <u>For any temporary building or building under construction, that is not yet occupied for its intended purpose, temporary restroom facilities shall be provided for persons working on the construction site in accordance with applicable laws and ordinances.</u>		Section is re-written to provide for temporary restroom facilities for temporary buildings or buildings under construction.
233	IRC	A	Residential	Section P2601.3 Flood hazard area , is deleted in its entirety.	Section deleted	Section is deleted as there are no flood plain areas in the Village of Oak Park
234	IRC	A	Residential	Sections P2602 INDIVIDUAL WATER SUPPLY AND SEWAGE DISPOSAL through Section P2608 MATERIALS EVALUATION AND LISTING inclusive, are deleted in their entirety.	Sections deleted	The Plumbing sections are deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
235	IRC	A	Residential	Chapter 27 PLUMBING FIXTURES, Chapter 28 WATER HEATERS, Chapter 29 WATER SUPPLY AND DISTRIBUTION, Chapter 30 SANITARY DRAINAGE, Chapter 31 VENTS, and Chapter 32 TRAPS are all deleted in their entirety.	Sections deleted	The Plumbing chapters are deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
236	IRC	BD	Residential	Chapter 33 STORM DRAINAGE , is deleted in its entirety and replaced with Chapter 11 of the International Plumbing Code appended to this code and re-titled Chapter 33 STORM DRAINAGE .		Chapter 11 of the International Plumbing Code provides information related to the sizing of gutters and downspouts for varying rain intensities.
237	IRC	A	Residential	Section E3401.1 Scope. The provisions of Chapters 34 through 43 shall establish the general scope of the electrical system and equipment requirements of this code. Chapters 34 through 43 cover those wiring methods and materials most commonly encountered in the construction of one and two family dwellings and structures regulated by this code. Other wiring methods, materials and subject matter covered in the NFPA 70 are also allowed by this code. This Chapter governs the electrical components, equipment, and systems used in or on buildings, structures, and properties governed by this code. Electrical components, equipment, and systems shall be designed and constructed in accordance with the provisions of the National Electric Code, NFPA 70 as amended and adopted by the Village of Oak Park.		The electrical provisions of the International Residential Code are replaced with the provisions of the National Electric code.
238	IRC	A	Residential	Sections E3401.2 Scope, E3401.3 Not covered and E3401.4 Additions and alterations , are deleted in their entirety.	Sections deleted	The electrical provisions of the International Residential Code are replaced with the provisions of the National Electric code.
239	IRC	A	Residential	Section E3402 BUILDING STRUCTURE PROTECTION , is deleted in its entirety.	Section deleted	The electrical provisions of the International Residential Code are replaced with the provisions of the National Electric code.
240					Line item deleted	
241	IRC	A	Residential	Sections E3403.1 Approval and E3403.3 Listing and labeling , are deleted in their entirety.	Sections deleted	The electrical provisions of the International Residential Code are replaced with the provisions of the National Electric code.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
242	IRC	CR	Residential	<p>Section E3403.2 Inspection Required. New electrical work and parts of existing systems affected by new work or alterations shall be inspected by the building official to ensure compliance with the requirements of Chapters 34 through 43. Any electrical work performed where a permit is required to do the work shall be inspected by the building official to ensure compliance with this code. Any electrical work that will be concealed shall be inspected and approved before being concealed. Work inspected and approved shall not be modified without obtaining a subsequent approval after the modification. The building official may require any equipment, component, or panelboard, or access to these elements to be opened for inspection.</p> <p>The building official may require any project related personnel to be on site for any inspection, including, but not limited to property owners, design professionals, general contractor and/or sub-contractor representatives or owners.</p> <p>Safe access shall be provided to all areas required for inspection. The building official reserves the right to not perform any inspection where safe access is not provided, including but not necessarily limited to, trenches, ladders, temporary stairs, guardrails, areas requiring the removal of safety equipment such as boots or hard hats, and/or manholes or vaults. Where specialty safety equipment is required to perform an inspection, it shall be provided for the inspector to use for the inspection, by a responsible party to the construction project.</p> <p>The property owner shall ultimately be responsible for assuring that all the required inspections are approved.</p>		Deletes references to the electrical sections of the International Residential Code and establishes local requirements for inspections of electrical work.
243	IRC	A	Residential	Sections E3404 GENERAL EQUIPMENT REQUIREMENTS, E3405 EQUIPEMENT LOCATION AND CLEARANCES, E3406 ELECTRICAL CONDUCTORS AND CONNECTIONS, and E3407 CONDUCTOR AND TERMINAL IDENTIFICATION are deleted in their entirety.	Sections deleted	The electrical provisions of the International Residential Code are deleted. All work to be installed in conformance with the provisions of the National Electric code.
244	IRC	A	Residential	Chapter 35 ELECTRICAL DEFINITIONS, Chapter 36 SERVICES, Chapter 37 BRANCH CIRCUIT AND FEEDER REQUIREMENTS, Chapter 38 WIRING METHODS, Chapter 39 POWER AND LIGHTING DISTRIBUTION, Chapter 40 DEVICES AND LUMINAIRES, Chapter 41 APPLICANCE INSTALLATION, Chapter 42 SWIMMING POOLS, and Chapter 43 CLASS 2 REMOTE-CONTROL, SIGNALING AND POWER-LIMITED CIRCUITS, are all deleted in their entirety.	Chapters deleted	The electrical provisions of the International Residential Code are deleted. All work to be installed in conformance with the provisions of the National Electric code.
245	IRC	BD	Residential	<p>Appendix F, Section AF101.1 General. This appendix contains requirements for new construction in jurisdictions where radon-resistant construction is required. Where installed, radon control methods shall be in accordance with this Appendix.</p> <p>Inclusion of this appendix by jurisdictions shall be determined through the use of locally available data or determination of Zone 1 designation in Figure AF101.</p>		Section was modified to not require the installation of radon systems and indicate that where installed, radon systems shall be installed in accordance with the code.
246	IRC	A	Residential	<p>Appendix J, Sections AJ102.10 and AJ102.11 are added as follows:</p> <p>Section AJ102.10 Conversion into habitable space. <u>When any area not previously approved or utilized as habitable space is converted into and/or utilized as habitable space, regardless of the amount of construction work done in this area, it shall be considered as reconstruction and shall be subject to the requirements of this Appendix and the provisions of section R310 of this code.</u></p> <p>Section AJ102.11 Conversion into a sleeping room. <u>When any area not previously approved or utilized as a sleeping room is converted into and/or utilized as a sleeping room, regardless of the amount of construction work that was or was not done in this conversion or change of utilization, it shall be subject to all requirements for new construction of a sleeping room as found in this code.</u></p>	Sections added	Sections were added to regulate existing uninhabited spaces converted to habitable spaces.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2009 INTERNATIONAL EXISTING BUILDING CODE						
247	IEBC	A	Commercial and Residential	The 2009 International Existing Building Code is amended to add, modify and delete text as set forth below.		
248	IEBC	A	Commercial and Residential	Section 101.1 Title. These regulations, as amended and adopted by the Village of Oak Park shall be known as the Existing Building Code of the Village of Oak Park, hereinafter referred to as "this code."		Administrative provision to note that this code has been locally amended.
249	IEBC	A	Commercial and Residential	Section 101.2.1 Appendices. Adopted as part of this code are: <u>1. APPENDIX A – GUIDELINES FOR THE SEISMIC RETROFIT OF EXISTING BUILDINGS, including Chapters A1 through A5 plus REFERENCED STANDARDS;</u> <u>2. APPENDIX B – SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS FOR EXISTING BUILDINGS AND FACILITIES; and</u> <u>3. RESOURCE A – GUIDELINES ON FIRE RATINGS OF ARCHAIC MATERIALS AND ASSEMBLIES</u>		Section is added to adopt the noted appendices.
250	IEBC	A	Commercial and Residential	Chapter 1, PART 2 - ADMINISTRATION AND ENFORCEMENT, is deleted in its entirety. Administration and enforcement of this code shall be governed by applicable provisions of Chapter 1 of the International Building Code as amended and adopted by the Village of Oak Park.		Part 2 of Chapter 1 is deleted to provide consistency between Chapter 1 of the various code books.
251	IEBC	A	Commercial and Residential	Section 307.9 Plumbing, is deleted in its entirety.		The Plumbing section is deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
252	IEBC	A	Commercial and Residential	Section 310.8.2 Referenced standards. Altered elements of existing elevators shall conform with ASME A17.1 and ICC A117.1, to the current provisions of the State of Illinois Safety Codes and Standards for conveyances. Such elements shall also be altered in elevators programmed to respond to the same hall call control as the altered elevator.		Noted versions of the ASME and ICC codes were deleted as they do not comply with the State-mandated version of the Elevator Safety Codes.
253	IEBC	A	Commercial and Residential	Section 310.8.3 Referenced standards. Platform (wheelchair) lifts complying with ICC A117.1 and installed in accordance with ASME A18.1 the current provisions of the State of Illinois Safety Codes and Standards for conveyances shall be permitted as a component of an accessible route.		Noted version of the ICC code is deleted as it does not conform with the State-mandated version of the Elevator Safety Code.
254	IEBC	BD	Commercial and Residential	Section 404.1 Scope. Level 2 alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration of any system, or the installation of any additional equipment where the work area does not exceed 50 percent of the floor area on which the work area is located or 50 percent of the aggregate area of the building. Calculation of the work area of Level 2 alterations shall not be based on the area of work that is exempt from permit in accordance with Section 105.2 of the International Building Code as amended and adopted by the Village of Oak Park.		
255	IEBC	BD	Commercial and Residential	Section 405.1 Scope. Level 3 alterations apply when the work area exceeds 50 percent of the floor area on which the work area is located or 50 percent of the aggregate area of the building. Calculation of the work area of Level 3 alterations shall not be based on the area of work that is exempt from permit in accordance with Section 105.2 of the International Building Code as amended and adopted by the Village of Oak Park.		
256	IEBC	A	Commercial and Residential	SECTION 509 PLUMBING, is deleted in its entirety.		The Plumbing section is deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
257	IEBC	A	Commercial and Residential	Section 602.4 Materials and methods. All new work shall comply with materials and methods requirements in the International Building Code, the International Residential Code, The International Energy Conservation Code, the International Mechanical Code and the International Plumbing Code the State of Illinois Plumbing Code, each of which may be amended and have been adopted by the Village of Oak Park, as applicable, that specify material standards, detail of installation and connection, joints, penetrations, and continuity of any element, component or system in the building.		The International Residential Code was added to the list of referenced codes as this code applies to residential structures. The International Plumbing Code reference was replaced with the State-mandated Illinois Plumbing Code.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
258	IEBC	BD	Commercial and Residential	<p>Section 704.2.2 Groups A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 and S-2. Groups A, B, E, F, H, I, M, R-1, R-2 (except apartment buildings), R-4, and S. Where a building does not have a residential occupancy on any floor level above the level of a work area, the work area shall be provided with automatic sprinkler protection where all of the following conditions occur:</p> <ol style="list-style-type: none"> 1. The fire area within which the work area occurs exceeds 3,500 square feet. 2. The work area exceeds 3,500 square feet. 3. The work area includes the removal and/or replacement or new construction of ceiling and wall surfaces in excess of 75 percent of the aggregate total area of existing ceiling and wall surfaces. For purpose of this calculation, surface materials shall be limited to those materials regulated by the International Building Code (i.e. gypsum board, plaster or similarly used materials) for the construction of ceilings and walls. For building and tenant spaces, the perimeter or demising walls shall be considered to have one surface and interior walls shall be considered to have two surfaces which shall be included in the calculation. Soffits, and window and door openings shall be included within the calculations as surface areas of the respective ceilings and walls. 4. The building has sufficient municipal water supply for design of a fire sprinkler system available to the floor containing the work area without the installation of a new fire pump. <p>For the purpose of calculating the area of surfaces as described in this Section,</p> <ol style="list-style-type: none"> 1. The total area of ceiling and wall surfaces being removed, replaced or constructed new, shall be construed as the total area of all alterations made within a period of 30 consecutive months immediately prior to the date of application for permit, including the surfaces proposed to be removed, replaced or constructed new at the time of permit application, and 2. The surface area of moveable office cubicle and/or panel partitions shall not be included in the calculation. 		Section modified to include a 75 percent rule for renovations.
259	IEBC	BD	Commercial and Residential	<p>Section 704.2.2.1 Mixed uses. All Use Groups. Where a building has a residential occupancy on any floor level above the level of a work area, the work area shall be provided with automatic sprinkler protection where all of the following conditions occur:</p> <ol style="list-style-type: none"> 1. The fire area within which the work area occurs exceeds 3,500 square feet. 2. The work area exceeds 3,500 square feet. 3. The work area includes the removal and/or replacement or new construction of ceiling and wall surfaces in excess of 50 percent of the aggregate total area of existing ceiling and wall surfaces. For purpose of this calculation, surface materials shall be limited to those materials regulated by the International Building Code (i.e. gypsum board, plaster or similarly used materials) for the construction of ceilings and walls. For building and tenant spaces, the perimeter or demising walls shall be considered to have one surface and interior walls shall be considered to have two surfaces which shall be included in the calculation. Soffits, and window and door openings shall be included within the calculations as surface areas of the respective ceilings and walls. 4. The building has sufficient municipal water supply for design of a fire sprinkler system available to the floor containing the work area without the installation of a new fire pump. <p>For the purpose of calculating the area of surfaces as described in this Section,</p> <ol style="list-style-type: none"> 1. The total area of ceiling and wall surfaces being removed, replaced or constructed new, shall be construed as the total area of all alterations made within a period of 30 consecutive months immediately prior to the date of application for permit, including the surfaces proposed to be removed, replaced or constructed new at the time of permit application, and 2. The surface area of moveable office cubicle and/or panel partitions shall not be included in the calculation. 	New section	Section added to include a 50 percent rule for renovations.
347	IEBC	BD	Commercial and Residential	<p>Section 704.2.2.2 Mixed uses. In work areas containing mixed uses, one or more which require automatic sprinkler protection in accordance with Section 704.2.2 or Section 704.2.2.1, such protection shall not be required throughout the work area provided that the uses requiring such protection are separated from those not requiring protection by fire-resistance rated construction having a minimum of 2-hour rating for Group H and a minimum of 1-hour rating for all other occupancy groups.</p>	New section	

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
260	IEBC	BD	Commercial and Residential	Section 704.2.4 Other required suppression systems , is deleted in its entirety.		Section moved to Level 3 Alterations
261	IEBC	BD	Commercial and Residential	Section 704.3 Standpipes , is deleted in its entirety.		Section moved to Level 3 Alterations
262	IEBC	A	Commercial and Residential	SECTION 710 PLUMBING , is deleted in its entirety.		The Plumbing section is deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
263	IEBC	BD	Commercial and Residential	<p>Section 804.1.3 Groups A, B, E, F, H, I, M, R-1, R-2 (except apartment buildings), R-4, and S. Where a building does not have a residential occupancy on any floor level above the level of a work area, the work area shall be provided with automatic sprinkler protection where all of the following conditions occur:</p> <ol style="list-style-type: none"> 1. The fire area within which the work area occurs exceeds 3,500 square feet. 2. The work area exceeds 3,500 square feet. 3. The work area includes the removal and/or replacement or new construction of ceiling and wall surfaces in excess of 75 percent of the aggregate total area of existing ceiling and wall surfaces. For purpose of this calculation, surface materials shall be limited to those materials regulated by the International Building Code (i.e. gypsum board, plaster or similarly used materials) for the construction of ceilings and walls. For building and tenant spaces, the perimeter or demising walls shall be considered to have one surface and interior walls shall be considered to have two surfaces which shall be included in the calculation. Soffits, and window and door openings shall be included within the calculations as surface areas of the respective ceilings and walls. 4. The building has sufficient municipal water supply for design of a fire sprinkler system available to the floor containing the work area without the installation of a new fire pump. <p>For the purpose of calculating the area of surfaces as described in this Section,</p> <ol style="list-style-type: none"> 1. The total area of ceiling and wall surfaces being removed, replaced or constructed new, shall be construed as the total area of all alterations made within a period of 30 consecutive months immediately prior to the date of application for permit, including the surfaces proposed to be removed, replaced or constructed new at the time of permit application, and 2. The surface area of moveable office cubicle and/or panel partitions shall not be included in the calculation. 		Section moved from Level 2 Alterations and modified to include a 75 percent rule for renovations.
264	IEBC	BD	Commercial and Residential	<p>Section 804.1.4 All Use Groups. Where a building has a residential occupancy on any floor level above the level of a work area, the work area shall be provided with automatic sprinkler protection where all of the following conditions occur:</p> <ol style="list-style-type: none"> 1. The fire area within which the work area occurs exceeds 3,500 square feet. 2. The work area exceeds 3,500 square feet. 3. The work area includes the removal and/or replacement or new construction of ceiling and wall surfaces in excess of 50 percent of the aggregate total area of existing ceiling and wall surfaces. For purpose of this calculation, surface materials shall be limited to those materials regulated by the International Building Code (i.e. gypsum board, plaster or similarly used materials) for the construction of ceilings and walls. For building and tenant spaces, the perimeter or demising walls shall be considered to have one surface and interior walls shall be considered to have two surfaces which shall be included in the calculation. Soffits, and window and door openings shall be included within the calculations as surface areas of the respective ceilings and walls. 4. The building has sufficient municipal water supply for design of a fire sprinkler system available to the floor containing the work area without the installation of a new fire pump. <p>For the purpose of calculating the area of surfaces as described in this Section,</p> <ol style="list-style-type: none"> 1. The total area of ceiling and wall surfaces being removed, replaced or constructed new, shall be construed as the total area of all alterations made within a period of 30 consecutive months immediately prior to the date of application for permit, including the surfaces proposed to be removed, replaced or constructed new at the time of permit application, and 2. The surface area of moveable office cubicle and/or panel partitions shall not be included in the calculation. 	Section added.	Section moved from Level 2 Alterations and modified to include a 50 percent rule for renovations.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
265	IEBC				Line item deleted	Proposed amendment to require automatic fire sprinklers in existing R-2 buildings of 4 or more dwelling units undergoing renovation of more than 50 percent of the building floor area is deleted
266	IEBC	BD	Commercial and Residential	Section 804.1.5 Group R-2, Condo conversion. <u>Buildings with a Group R-2 occupancy that undergo a conversion of ownership to condominiums, shall be provided with automatic sprinkler protection installed in accordance with NFPA 13R in all common areas such as basements, storage rooms, exit stairwells and corridors.</u>	New section	Carries over a previous amendment.
267	IEBC	BD	Commercial and Residential	Section 804.1.6 Mixed uses. <u>In work areas containing mixed uses, one or more which require automatic sprinkler protection in accordance with Section 804.1.3 or Section 804.1.4, such protection shall not be required throughout the work area provided that the uses requiring such protection are separated from those not requiring protection by fire-resistance rated construction having a minimum of 2-hour rating for Group H and a minimum of 1-hour rating for all other occupancy groups.</u>	New section	Section moved from Level 2 Alterations
268	IEBC	BD	Commercial and Residential	Section 804.1.7 Other required suppression systems. <u>In buildings and areas listed in Table 903.2.11.6 of the International Building Code as amended and adopted by the Village of Oak Park, work areas that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with sprinkler protection under the following conditions:</u> <u>1. The work area is required to be provided with automatic sprinkler protection in accordance with the International Building Code as amended and adopted by the Village of Oak Park applicable to new construction; and</u> <u>2. The building has sufficient municipal water supply for design of a fire sprinkler system available to the floor without installation of a new fire pump.</u>	New section	Section moved from Level 2 Alterations
269	IEBC	BD	Commercial and Residential	Section 804.1.8 Supervision. <u>Fire sprinkler systems required by this section shall be supervised by one of the following methods.</u> <u>1. Approved central station system in accordance with NFPA 72;</u> <u>2. Approved proprietary system in accordance with NFPA 72;</u> <u>3. Approved remote station system of the jurisdiction in accordance with NFPA 72; or</u> <u>4. When approved by the code official, approved local alarm service that will cause the sounding of an alarm in accordance with NFPA 71.</u> Exception: <u>Supervision is not required for the following:</u> <u>1. Underground gate valve with roadway boxes.</u> <u>2. Halogenated extinguishing systems.</u> <u>3. Carbon dioxide extinguishing systems.</u> <u>4. Dry and wet chemical extinguishing systems.</u> <u>5. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic and automatic sprinkler systems and a separate shutoff valve for the automatic sprinkler system is not provided.</u>	New section	Section moved from Level 2 Alterations

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
270	IEBC	BD	Commercial and Residential	<p>Section 804.1.9 Standpipes. Where the work area includes exits or corridors shared by more than one tenant and is located more than 30 feet above or below the lowest level of fire department access, a standpipe system shall be provided. Standpipes shall have an approved fire department connection with hose connections at each floor level above or below the lowest level of fire department access. Standpipe systems shall be installed in accordance with the International Building Code as amended and adopted by the Village of Oak Park.</p> <p>Exceptions:</p> <p>1. No pump shall be required provided that the standpipes are capable of accepting delivery by the fire department apparatus of a minimum of 250 gallons per minute (gpm) at 65 pounds per square inch (psi) to the topmost floor in buildings equipped throughout with an automatic sprinkler system or a minimum of 500 gpm at 65 psi to the topmost floor in all other buildings. Where the standpipe terminates below the topmost floor, the standpipe shall be designed to meet requirements of this exception for possible future extension of the standpipe.</p> <p>2. The interconnection of multiple standpipe risers shall not be required.</p>	New section	Section moved from Level 2 Alterations
271	IEBC	BD	Commercial and Residential	<p>Section 902.1 Compliance with the building code, shall be modified to add the following:</p> <p>10. <u>Bed and Breakfast Establishments.</u></p>		Bed and Breakfast establishments were added to the list of special use or occupancy categories.
272	IEBC	A	Commercial and Residential	<p>Section 910.1 Increased demand. Where the occupancy of an existing building or part of an existing building is changed such that the new occupancy is subject to increased or different plumbing fixture requirements, or to increased water supply requirements in accordance with the International Plumbing Code current edition of the State of Illinois Plumbing Code, the new occupancy shall comply with the intent of the respective International Plumbing Code provisions of the current edition of the State of Illinois Plumbing Code.</p>		The reference to the International Plumbing Code is revised to the State-mandated Illinois Plumbing Code.
273	IEBC	CR	Commercial and Residential	<p>Section 910.2 Food-handling occupancies. If the new occupancy is a food-handling establishment, all existing sanitary waste lines above the food or drink preparation or storage areas shall be panned or otherwise protected to prevent leaking pipes or condensation on pipes from contaminating food or drink. New drainage lines shall not be installed above such areas. and shall be protected in accordance with the International Plumbing Code.</p>		The reference to the International Plumbing Code is deleted to avoid conflict with the State-mandated Illinois Plumbing Code.
274	IEBC	A	Commercial and Residential	<p>Section 910.3 Interceptor required. If the new occupancy will produce grease or oil-laden wastes, interceptors shall be provided as required in the International Plumbing Code by the current edition of the State of Illinois Plumbing Code.</p>		The reference to the International Plumbing Code is revised to the State-mandated Illinois Plumbing Code.
275	IEBC	A	Commercial and Residential	<p>Section 910.5 Change of occupancy. If an existing building is changed from one use to another or from one classification to another, it shall be treated as a new building and shall comply with the requirements of the International Plumbing Code current edition of the State of Illinois Plumbing Code for new use or occupancy.</p>		The reference to the International Plumbing Code is revised to the State-mandated Illinois Plumbing Code.
276	IEBC	CR	Commercial and Residential	<p>Section 910.6 Correction of health or safety hazards. Regardless of the age of the building, where a health or safety hazard exists because of an existing plumbing installation or lack thereof, the owner or other responsible party shall install additional plumbing or make such corrections as may be necessary to abate the hazard or violation in accordance with the current edition of the State of Illinois Plumbing Code.</p>	Section added.	Verbiage is added to reflect requirements of the State of Illinois Plumbing Code.
277	IEBC	BD	Commercial and Residential	<p>SECTION 1107 EXTERIOR GUARDS AND HANDRAILS</p> <p>Section 1107.1 Guards required. New guards or replacement guards shall be installed in accordance with Section R312 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1013 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</p> <p>Exceptions: Where a building is located within a designated historic district, and such building has significant historical and/or aesthetic characteristics similar to those which qualified that district as a historic district under applicable Village of Oak Park ordinance, or the building is designated as an eligible or actual historic landmark, the height of guards for porches, balconies or raised floors that are visible from the street shall be permitted to be installed to a height lower than that required by Section R312 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1013 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable, under the following conditions:</p>	Section added.	Section added to establish criteria for repair, replacement or construction of guards on residential properties within historic districts.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
				<p><u>1. Existing guards which are removed to facilitate refinishing shall be permitted to be reinstalled to the same height, but no lower than the documented height of the existing guards without being required to meet the structural loading conditions required under Section R301.5 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1607.7 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p> <p><u>2. Existing guards which are repaired and retain a minimum of 50 percent of original materials shall be reinstalled no lower than the documented height of the existing guards without being required to meet the structural loading conditions required under Section R301.5 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1607.7 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p> <p><u>3. Existing guards which are repaired in excess of 50 percent of the original material, or are totally replaced, shall be allowed to be installed to the same height as the existing guard provided that the guard meets the structural loading conditions of Section R301.5 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1607.7 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p> <p><u>4. Existing guards which are totally replaced or new guards which are installed to recreate a documented historic condition, shall be allowed to be installed to the same height as the previously existing guard(s) provided that the guard meets the structural loading conditions of Section R301.5 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1607.7 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p>		
278	IEBC		Commercial and Residential	<p>Section 1107.2 Handrails required. <u>New handrails or replacement handrails shall be installed in accordance with Section R311.7.7 or R311.8.3 of the International Residential Code as amended and adopted by the Village of Oak Park, or Section 1012 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p> <p>Exceptions: <u>Where a building is located within a designated historic district, and such building has significant historical and/or aesthetic characteristics similar to those which qualified that district as a historic district under applicable Village of Oak Park ordinance, or the building is designated as an eligible or actual historic landmark, the height of handrails for stairs that are visible from the street shall be permitted to be installed to a height lower than that required by Section R311.7.7 or R311.8.3 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1012 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable under the following conditions:</u></p> <p><u>1. Existing handrails which are removed to facilitate refinishing shall be permitted to be reinstalled to the same height, but no lower than existing without being required to meet the structural loading conditions required under Section R301.5 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1607.7 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p> <p><u>2. Existing handrails which are replaced shall be allowed to be installed to the same height as the existing handrail provided that the guard meets the structural loading conditions of Section R301.5 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1607.7 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p> <p><u>3. Where an existing stair is replaced with construction of materials, dimensions and aesthetic features documented to match existing, the handrail may be omitted where there is documentation that a handrail did not originally exist.</u></p> <p><u>4. New handrails which are installed to recreate a documented historic condition, shall be allowed to be installed to the same height as the previously existing handrail(s) provided that the handrail meets the structural loading conditions of Section R301.5 of the International Residential Code as amended and adopted by the Village of Oak Park or Section 1607.7 of the International Building Code as amended and adopted by the Village of Oak Park, as applicable.</u></p>	Section added.	Section added to establish criteria for repair, replacement or construction of handrails on residential properties within historic districts.
279	IEBC	BD	Commercial and Residential	<p>Section 1202.7.1 Moved Structures within the jurisdiction. <u>After being set upon an approved foundation, a structure moved from one lot to another within the Village of Oak Park shall be inspected by a registered structural engineer hired by the owner or other responsible party at no cost to the jurisdiction to ensure the structural integrity of the structure in its new location. Any deficiencies noted by the engineer shall be corrected in accordance with requirements for new construction provisions of this code prior to re-occupying the structure. The moved structure shall not be occupied until a Certificate of Occupancy is issued for the new location.</u></p>	Section added.	Section added to require the inspection and issuance of a Certificate of Occupancy of a moved structure prior to occupancy.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
280	IEBC	A	Commercial and Residential	Section 1202.7.2 Moved Structures from other jurisdictions. After being set upon an approved foundation, a structure moved from another jurisdiction shall be inspected by a registered structural engineer hired by the owner or other responsible party at no cost to the jurisdiction to ensure the structural integrity of the structure in its new location. Any deficiencies noted by the engineer shall be corrected in accordance with requirements for new construction provisions of this code. Additionally, the structure shall be inspected by the Village of Oak Park for conformance with the provisions of this code and other pertinent ordinances for new construction. Any deficiencies shall be corrected prior to re-occupying the structure. The moved structure shall not be occupied until a Certificate of Occupancy is issued for the new location.	Section added.	Section added to require the inspection and issuance of a Certificate of Occupancy of a moved structure prior to occupancy.
281	IEBC	CR	Commercial and Residential	Section 1401.2 Storage and placement. Storage and placement of construction equipment and materials shall be stored and placed so as not endanger the public, the workers or adjoining property for the duration of the construction project in conformance with Section 3301.2 of the International Building Code as amended and adopted by the Village of Oak Park.		Section references back to the International Building Code which provides requirements for storage and placement of construction equipment and materials.
282	IEBC	CR	Commercial and Residential	Section 1401.6 Protection of pedestrians. Pedestrians shall be protected during construction and demolition activities as required by Sections 1401.6.1 through 1401.6.7 <u>1401.6.8</u> and Table 1401.6. Signs shall be provided to direct pedestrians traffic .		Added reference to new Section 1401.6.8.
283	IEBC	CR	Commercial and Residential	Table 1401.6 Protection of Pedestrians , is modified to include the following: Table 1401.6 HEIGHT OF CONSTRUCTION <u>More than 8 feet</u> DISTANCE FROM CONSTRUCTION TO LOT LINE <u>Less than 10 feet</u> TYPE OF PROTECTION REQUIRED <u>System of scaffolding and netting shall be provided to fully encompass all work areas at a level higher than the top of the barrier or covered walkway.</u>		Stricter methods of providing pedestrian protection from work site activities was provided.
284	IEBC	CR	Commercial and Residential	Section 1401.6.7 Adjacent to excavations. Every excavation on a site located 5 feet (1524 mm) or less from the street lot line shall be enclosed with a barrier not less than 6 feet (1829 mm) high. Where located more than 5 feet (1524 mm) from the street lot line, a barrier shall be erected when required by the code official. Every excavation, including trenches, on a site shall be fully enclosed with a minimum 4 feet high chain link fence or barrier, or by other measures to ensure public safety, when workers are not present on site. Barriers <u>The enclosure shall be of adequate strength to resist wind pressure as specified in Chapter 16 of the International Building Code as amended and adopted by the Village of Oak Park.</u>		Stricter methods of providing pedestrian protection from work site activities when workmen are not present at the site was provided.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
285	IEBC	CR	Commercial and Residential	<p>Section 1401.6.8 Adjacent to construction. All construction sites shall be fully enclosed with an 8 feet high barrier of chain link fence with closed selvages on top and full-height opaque fabric during all phases of the work unless approved in writing by the building official. Chain link fencing shall have full-height posts driven into or staked to the ground at 8 feet on center maximum along the length of the construction fence. The fence shall be of adequate strength to resist wind pressure as specified in Chapter 16. Sandbagging of fence posts shall not be permitted without prior approval by the building official. Minimum 6 feet wide lockable double-leaf gates shall be provided at every 50 feet on center or fraction thereof along the length of the fence facing the public right-of-way for emergency access. Fencing may be omitted, upon approval of the building official, where adjacent buildings or fences provide protection from entry into the construction site. All construction fences shall have a permanent sign, maximum of 18" high by 24" long, attached thereto which lists the name and emergency contact information of the contractor or responsible party for maintaining the condition of the fence. The use of barbed wire, razor wire or similar fencing materials shall not be permitted.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Fence height shall be a minimum 6 feet high on properties within residential districts established by the Zoning Ordinance of the Village of Oak Park. 2. Lockable double-leaf gates are not required on properties within residential districts established by the Zoning Ordinance of the Village of Oak Park. 3. Opaque fabric fence covering shall not be required for residential 1- and 2-family projects. 	Section added.	Section added to clarify requirements for erection of construction fencing around construction sites.
286	IEBC	CR	Commercial and Residential	<p>Section 1401.7 Tree Protection. Tree protection shall be provided in accordance with Section 3313 of the International Building Code as amended and adopted by the Village of Oak Park.</p>	Section added.	Reference added to the tree protection requirements set forth in the International Building Code.
288	IEBC	CR	Commercial and Residential	<p>Section 1401.8 Construction work sites and execution of work. All construction work shall be performed in accordance with this code, Section 3301.3 of the International Building Code as amended and adopted by the Village of Oak Park, and other pertinent laws and ordinances.</p>	Section added.	Section references back to the International Building Code which provides requirements for construction safeguards.
287	IEBC	CR	Commercial and Residential	<p>SECTION 1410 SANITARY</p> <p>Section 1410.1 Facilities required. Sanitary facilities shall be provided during construction, remodeling, renovation or demolition activities in accordance with State of Illinois law and the following conditions:</p> <ol style="list-style-type: none"> 1. Sanitary facilities shall not be located closer than 10 feet to any property line; 2. Sanitary facilities shall not be installed in any residential front yard; and 3. Sanitary facilities shall be served and cleaned minimally on a weekly basis, or 4. Existing plumbing fixtures which are maintained in a proper working condition, in accordance with the State of Illinois Plumbing Code, may be utilized during the work in lieu of providing temporary sanitary facilities provided that temporary measures are provided where necessary to separate the travel path to and from the toilet room(s) from the work area(s). 	Section added.	Section added to require the provision of temporary sanitary facilities at construction sites and regulate their use on site.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2009 INTERNATIONAL FIRE CODE						
289	IFC	A	Commercial and Residential	Section 101.1 Title. These regulations, <u>as amended and adopted by the Village of Oak Park</u> shall be known as the Fire Code of the Village of Oak Park, hereinafter referred to as "this code."		Administrative provision to note that this code has been locally amended.
290	IFC	A	Commercial	Section 101.2.1 Appendices. <u>Adopted as part of this code are:</u> 1. APPENDIX I – FIRE PROTECTION SYSTEMS – NONCOMPLIANT CONDITIONS, and 2. APPENDIX J – EMERGENCY RESPONDER RADIO COVERAGE		Administrative provision to adopt the referenced Appendices.
291	IFC	A	Commercial	Section 105.2.3 Time limit of application. An application for a permit for any proposed work or operation shall be deemed to have been abandoned 180 <u>90</u> days after the date of filing <u>the application</u> , unless such application has been prosecuted <u>pursued in good faith</u> or a permit shall have <u>has</u> been issued; except that the fire code official is authorized to grant one or more <u>up to two</u> extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing <u>to the fire code official by a responsible party</u> and justifiable cause demonstrated.		The timeframe for an extension of time has been reduced from 180 days to 90 days to encourage timely completion of projects. Verbiage added to indicate the extension of time shall be submitted to the building official by a responsible party is intended to ensure that the request is made by an authorized person and that it is only made to the fire code official for tracking purposes.
292	IFC	A	Commercial	Section 105.3.1 Expiration. An operational permit shall remain in effect until reissued, renewed, or revoked or for such a period of time as specified in the permit. Construction permits shall automatically become invalid unless the work authorized by such permit is commenced within 180 <u>90</u> days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 <u>90</u> days after the time the work is commenced. Before such work recommences, a new permit shall be first obtained and the fee to recommence the work, if any , shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original construction documents for such work, and provided further that such suspension or abandonment has not exceeded one year <u>90 days</u> . Permits are not transferable and any change in occupancy, operation, tenancy or ownership shall require that a new permit be issued.		The timeframe for the expiration of a permit has been reduced from 180 days to 90 days to encourage timely completion of projects.
293	IFC	A	Commercial	Section 105.3.2 Extensions. A permittee holding an unexpired permit shall have the right to apply for an extension of the time within which the permittee will commence work under that permit when work is unable to be commenced within the time required by this section for good and satisfactory reasons. The fire code official is authorized to grant, in writing, one or more extensions of the time period of a permit for periods of not more than 180 <u>90</u> days each. Such extensions shall be requested by the permit holder in writing and justifiable cause demonstrated.		The timeframe for permit extensions has been reduced from 180 days to 90 days to encourage timely completion of projects.
294	IFC	A	Commercial	Section 105.3.5 Placement of permit. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the fire code official. The permit placard(s) shall be posted on the subject property in a location clearly visible from the public right-of-way for the duration of the project until such time as the project has passed all final inspections, all permits have been closed and a Certificate of Occupancy has been issued, where applicable. Where inspections are not required by this code, the permit placard(s) shall remain posted until all work is completed. The placards shall be made available for inspection by the fire code official or its designee during all available working hours. Failure to post the permit placard(s) shall be considered to be a violation of this code's procedures for regulation of construction.		Clarifies how permit placards are to be displayed, for how long and establishes the failure to display the placard to be a violation of the fire code.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
295	IFC	A	Commercial	<p>Section 105.5 Suspension or revocation. The fire code official is authorized to <u>suspend or</u> revoke a permit issued under provisions of this code when it is found by inspection or otherwise that there has been a false statement or misrepresentation as to the material facts in the application or construction documents on which the permit or approval was based including, but not limited to, any one of the following: whenever:</p> <ol style="list-style-type: none"> 1. The permit was <u>is found to be</u> issued in error or in violation of an ordinance, regulation or this code <u>on the basis of incorrect, inaccurate or incomplete information.</u> 2. The permit is found to be issued in violation of any ordinance or regulation of any of the provisions of this code. 3. The work being performed is found to be in violation of any ordinance or regulation of any of the provisions of this code. 4. There have been any false statements or misrepresentations as to the material fact in the application for permit or plans submitted or a condition of the permit. 4. The scope of work being performed is found to exceed the work authorized by the permit. 3 5. <u>5.</u> Conditions and limitations set forth in the permit have been violated. 6. The permit placard was not posted in accordance with Section 105.7. 4 7. <u>7.</u> The permit is used for a location or establishment other than that for which it was issued. 2 8. <u>8.</u> The permit is used for a condition or activity other than that listed in the permit. 5 9. <u>9.</u> The permit is used for a different person or firm than the name for which it was issued. 6 10. <u>10.</u> The permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein. 		Added conditions under which a permit may be suspended or revoked.
296	IFC	A	Commercial	SECTION 108 BOARD OF APPEALS , is deleted in its entirety.		The Board of Appeals is established by Chapter 1 of the International Building Code.
297	IFC	A	Commercial and Residential	<p>Section 202 GENERAL DEFINITIONS, is modified to add the definition of "RESPONSIBLE PARTY" to read as follows:</p> <p>RESPONSIBLE PARTY: <u>Except as may otherwise be specified herein, the owner or the owner's designated agent shall be considered a responsible party for ensuring compliance with this code. In addition, any other person or entity that may be reasonably considered to have a role or responsibility in the creation, continuation, or correction of any violation of this code shall be considered a responsible party or additional responsible party for such violation.</u></p>		Definition added.
298	IFC	BD	Commercial	<p>Section 609.1 General. Commercial kitchen exhaust hoods shall comply with the requirements of the <u>International Building Code and the International Mechanical Code, each as amended and adopted by the Village of Oak Park, and NFPA 17A, Wet Chemical Extinguishing Systems - 2009 and NFPA 96, Ventilation Control and Fire Protection of Commercial Cooking Operations – 2008.</u></p> <p><u>Commercial kitchen exhaust hoods shall comply with the requirements of the International Mechanical Code.</u></p>		Added reference to NFPA 17A and NFPA 96 which are the standards used by the Fire Department in reviewing plans for and inspection of commercial kitchen hood exhaust systems. Commercial kitchen hood requirements are also set forth in the International Mechanical Code.
299	IFC	A	Commercial	<p>Section 902.1 Definitions, the definition of "FIRE AREA" is modified to read as follows:</p> <p>FIRE AREA: <u>The aggregate floor area enclosed and bounded by fire walls, fire barriers, exterior walls and/or fire-resistance rated horizontal assemblies of a building, including the space occupied by those walls, or in the case of demising walls, to the centerline of the demising walls. Areas of the building not provided with surrounding walls shall be included within in the fire area if such areas are included within the horizontal projection of the roof or floor next above.</u></p>		Clarified how the floor area of the fire area is calculated.
300	IFC	BD	Commercial	<p>Section 903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12. Approved automatic sprinkler systems shall be provided in the locations described under Section 903 of this code for new buildings, additions to existing buildings and renovations to existing buildings where the combined new and/or existing and/or renovated fire areas exceed the sprinkler requirement threshold area established for each occupancy Use Group, or where the Use Group classification is changed in an existing building or structure to a higher hazard risk.</p>		Verbiage added for fire sprinkler requirements related to existing buildings.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
				<p>Exceptions:</p> <p><u>1.</u> Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour fire barriers constructed in accordance with Section 707 of the International Building Code <u>as amended and adopted by the Village of Oak Park</u> or not less than 2-hour horizontal assemblies constructed in accordance with Section 712 of the International Building Code <u>as amended and adopted by the Village of Oak Park</u>, or both.</p> <p><u>2.</u> For new buildings and structures, where the fire area(s) exceeds the sprinkler requirement threshold area for any Use Group, 2-hour fire-resistance-rated firewalls complying with Chapter 7 of the International Building Code as amended and adopted by the Village of Oak Park shall be permitted to reduce the fire areas to below the sprinkler requirement threshold area in lieu of providing sprinklers, provided that the combined building areas do not exceed the sprinkler requirement threshold limit established for the Use Group for combined area.</p> <p><u>3.</u> For additions to existing buildings, where the combined fire area(s) of the existing building and the addition exceeds the sprinkler requirement threshold area for any Use Group, 4-hour fire-resistance-rated firewalls complying with Chapter 7 of the International Building Code as amended and adopted by the Village of Oak Park shall be permitted to separate the existing building from the addition to reduce the fire areas to below the sprinkler requirement threshold area in lieu of providing sprinklers, provided that the combined building areas do not exceed the sprinkler requirement threshold limit established for the Use Group for combined area.</p> <p><u>4.</u> For interior renovation, where the fire area(s) of the renovation spaces exceeds the sprinkler requirement threshold area for any Use Group, 2-hour fire-resistance-rated firewalls complying with Chapter 7 of the International Building Code as amended and adopted by the Village of Oak Park shall be permitted to reduce the fire areas in the renovated areas to below the sprinkler requirement threshold area in lieu of providing sprinklers, provided that the combined building areas do not exceed the sprinkler requirement threshold limit established for the Use Group for combined area.</p> <p><u>5.</u> For change of Use Group, where the fire area(s) exceeds the sprinkler requirement threshold area for any Use Group, 2-hour fire-resistance-rated firewalls complying with Chapter 7 of the International Building Code as amended and adopted by the Village of Oak Park shall be permitted to reduce the fire areas in the renovated areas to below the sprinkler requirement threshold area in lieu of providing sprinklers, provided that the combined building areas do not exceed the sprinkler requirement threshold limit established for the Use Group for combined area.</p>		<p>Exceptions:</p> <ol style="list-style-type: none"> Exception as written in the base code. Exception allows the use of 2-hour fire partitions to divide the new building floor area into fire areas less than 3,500 square feet in size in lieu of providing fire sprinklers. Exception carries over a previous amendment. Exception allows the use of 2-hour fire partitions to divide the renovated building floor area into fire areas less than 3,500 square feet in size in lieu of providing fire sprinklers. Exception allows the use of 2-hour fire partitions to divide the building floor area into fire areas less than 3,500 square feet in size in lieu of providing fire sprinklers.
301	IFC	BD	Commercial	<p>Section 903.2.1.1 Group A-1. An automatic sprinkler system shall be provided for Group A-1 occupancies where one of the following conditions exists:</p> <ol style="list-style-type: none"> The fire area exceeds 12,000 3,500 square feet. The fire area has an occupant load of 300 100 or more. The fire area is located on a floor other than a level of exit discharge serving such occupancies. The fire area contains a multitheater complex. 		<p>Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance.</p> <p>Occupant load carried over from previous amendment.</p>
302	IFC	BD	Commercial	<p>Section 903.2.1.2 Group A-2. An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:</p> <ol style="list-style-type: none"> The fire area exceeds 5,000 3,500 square feet. The fire area has an occupant load of 100 or more. The fire area is located on a floor other than a level of exit discharge serving such occupancies. 		<p>Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance.</p>

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
348	IFC	BD	Commercial	<p>Section 903.2.1.2.1 Group A-2 serving alcoholic beverages. An automatic sprinkler system shall be provided for Group A-2 occupancies in which alcoholic beverages are served, regardless of size of floor area of the occupancy.</p> <p>Exception: For A-2 occupancies, in which alcoholic beverages are served, that are less than 3,500 square feet in area, the areas containing kitchen equipment requiring a Type 1 hood in accordance with the International Mechanical Code as amended by the Village of Oak Park shall be permitted to be separated from all other areas of the building with approved 2-hour fire-resistance rated fire-partitions and/or horizontal assemblies in lieu of providing sprinklers throughout the occupancy.</p>		This item carries over a local amendment for all A-2 occupancies serving alcoholic beverages to be sprinklered, but provides for separation of the kitchen areas, which are the most likely sources of restaurant fires in lieu of providing fire sprinklers
303	IFC	BD	Commercial	<p>Section 903.2.1.3 Group A-3. An automatic sprinkler system shall be provided for Group A-3 occupancies where one of the following conditions exists:</p> <ol style="list-style-type: none"> 1. The fire area exceeds 12,000 3,500 square feet. 2. The fire area has an occupant load of 300 100 or more. 3. The fire area is located on a floor other than a level of exit discharge serving such occupancies. 		Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance. Occupant load carried over from previous amendment.
304	IFC	BD	Commercial	<p>Section 903.2.1.4 Group A-4. An automatic sprinkler system shall be provided for Group A-4 occupancies where one of the following conditions exists:</p> <ol style="list-style-type: none"> 1. The fire area exceeds 12,000 3,500 square feet. 2. The fire area has an occupant load of 300 100 or more. 3. The fire area is located on a floor other than a level of exit discharge serving such occupancies. 		Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance. Occupant load carried over from previous amendment.
305	IFC	BD	Commercial	<p>Section 903.2.2 Group B ambulatory health care facilities. An automatic sprinkler system shall be installed throughout all fire areas containing a Group B ambulatory health care facility occupancy when any of the following conditions exist at any time:</p> <ol style="list-style-type: none"> 1. The fire area exceeds 3,500 square feet. 1. 2. Four or more care recipients are incapable of self-preservation. 2. 3. One or more care recipients who are incapable of self-preservation are located at other than the level of exit discharge serving such an occupancy. 		Added limitation on floor area of fire area to provide consistency with other occupancy groups.
306	IFC	BD	Commercial	<p>Section 903.2.2.1 Group B. For other than ambulatory health care facilities, an automatic sprinkler system shall be provided for Group B occupancies where one of the following conditions exists:</p> <ol style="list-style-type: none"> 1. The fire area exceeds 3,500 square feet; 2. The fire area has an occupant load of 300 or more. 3. The fire area contains a health care use where patients can be non-ambulatory during treatment such as for ambulatory surgical treatment center, dialysis or similar use. 4. The fire area is located more than two stories above grade plane; or 5. The combined area of all Group B fire areas on all floors, including any mezzanines, exceeds 23,000 square feet. 	Section added.	Added limitation on floor area of fire area to provide consistency with other occupancy groups.
307	IFC	BD	Commercial	<p>Section 903.2.3 Group E. An automatic sprinkler system shall be provided for Group E occupancies as follows:</p> <ol style="list-style-type: none"> 1. Throughout all Group E fire areas greater than 12,000 3,500 square feet in area. 2. Throughout every portion of educational buildings below the lowest level of exit discharge serving that portion of the building. 3. The fire area has an occupant load of 300 or more. <p>Exception: An automatic sprinkler system is not required in any area below the lowest level of exit discharge serving that area when every classroom throughout the building has at least one exterior exit door at ground level.</p>		Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
308	IFC	BD	Commercial	<p>Section 903.2.4 Group F-1 E. An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 E occupancy where one of the following conditions exists:</p> <ol style="list-style-type: none"> 1. A Group F-1 <u>or Group F-2</u> fire area exceeds 12,000 <u>3,500</u> square feet, except as indicated otherwise in Section 903.2.4.1; 2. A Group F-1 <u>or Group F-2</u> fire area is located more than three <u>two</u> stories above grade plane; or 3. The combined area of all Group F-1 <u>and/or Group F-2</u> fire areas on all floors, including any mezzanines, exceeds 24,000 square feet. 		<p>Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance.</p> <p>The height of the fire area in number of floors above grade plane for which fire sprinklers are not required is reduced from three to two to provide a higher level of life-safety and aid in fire-fighting operations.</p>
309	IFC	BD	Commercial	<p>Section 903.2.7 Group M. An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:</p> <ol style="list-style-type: none"> 1. A Group M fire area exceeds 12,000 <u>3,500</u> square feet in area. 2. A Group M fire area is located more than three stories above grade plane. 3. The combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 24,000 square feet. 4. A Group M occupancy is used for the display and sale of upholstered furniture. 5. The fire area has an occupant load of 300 or more. 		<p>Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance.</p>
310	IFC	BD	Commercial	<p>Section 903.2.8.1 Condominium conversions. <u>An automatic sprinkler system installed in conformance with NFPA 13R shall be provided throughout all common areas of buildings converted to condominiums with more than 4 dwelling units.</u></p>	Section added.	Section carries over a previous local amendment.
311	IFC	BD	Commercial	<p>Section 903.2.8.2 New condominium buildings. <u>An automatic sprinkler system installed in conformance with NFPA 13R shall be provided throughout new condominium buildings with more than 4 dwelling units.</u></p>		Section added to carry over previous local amendment.
312	IFC	BD	Commercial	<p>Section 903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout buildings containing a Group S-1 occupancy where one of the following conditions exists:</p> <ol style="list-style-type: none"> 1. A Group S-1 fire area exceeds 12,000 <u>3,500</u> square feet in area. 2. A Group S-1 fire area is located more than three stories above grade plane. 3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet. 4. A Group S-1 fire area used for the storage of commercial trucks or buses where the fire area exceeds 5,000 <u>3,500</u> square feet. 		<p>Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance.</p>
313	IFC	BD	Commercial	<p>Section 903.2.9.1 Repair Garages. An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406 of the International Building Code, as shown:</p> <ol style="list-style-type: none"> 1. Buildings having two or more stories above grade plane, including basements, with a fire area containing a repair garage exceeding 10,000 <u>3,500</u> square feet. 2. Buildings no more than one story above grade plane, with a fire area containing a repair garage exceeding 12,000 <u>3,500</u> square feet. 3. Buildings with repair garages servicing vehicles parked in basements. 4. A Group S-1 fire area used for the repair of commercial trucks or buses where the fire area exceeds 5,000 <u>3,500</u> square feet. 		<p>Fire areas reduced to provide consistency with other occupancy uses.</p>
314	IFC	BD	Commercial	<p>Section 903.2.10 Group S-2 enclosed parking garages. An automatic sprinkler system shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.4 of the International Building Code as follows:</p> <ol style="list-style-type: none"> 1. Where the combined fire area on all floors of the enclosed parking garage exceeds 12,000 <u>3,500</u> square feet in area; or 2. Where the enclosed parking garage is located beneath other groups. <p>Exception: Enclosed parking garages located beneath R-3 occupancies.</p>		<p>Fire area reduced back to size allowed under the 1984 Building Code Adoption Ordinance.</p>

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
315	IFC	BD	Commercial and Residential	Section 903.2.11.1.3 Basements. Where any portion of a basement is located more than 75 feet from openings required by Section 903.2.11.1, the basement shall be equipped throughout with an approved automatic sprinkler system. <u>Work areas of any occupancy use located in a story below grade plane, shall be equipped throughout with an approved automatic sprinkler system.</u>		
316	IFC	LS	Commercial	Section 907.1.4 Smoke and carbon monoxide detector alarms. Where provided in accordance with this code or as required by other applicable laws and ordinances, alarm systems that incorporate smoke and carbon monoxide detector alarms shall not be dependent upon a subscription-based service to provide the level of notification intended by the provisions of this code or other applicable laws and ordinances.	Section added.	Added section to ensure that smoke and carbon monoxide detector alarm systems are not dependent upon a paid subscription service to provide notification.
317	IFC	LS	Commercial	Section 907.1.5 Notification of Disconnection. Any disconnection of an active fire alarm system from the system monitoring station on file with the Fire Department shall be reported in writing to the Fire Department by the property owner or other responsible party within 24 hours of such disconnection. Failure to make such notification to the Fire Department shall be subject to administrative penalties and/or adjudicative fines.	Section added.	Added section to require the Fire Department to be notified in the event of a disconnection of service to an alarm system.
318	IFC	LS	Commercial	Section 907.1.6 Re-connection of alarm system. Failure to re-connect a required fire alarm system to a system monitoring station approved by the Fire Department within 24 hours of any disconnection shall be subject to administrative penalties and/or adjudicative fines.	Section added.	Added section to require the re-connection of a required alarm system within 24 hours of a disconnection or disruption of service.
319	IFC	BD	Commercial	Section 907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.6 shall be installed in Group A occupancies having an occupant load of 300 <u>100</u> or more. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the group E occupancy. Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.		Occupant load that triggers the requirement for the installation of a fire alarm system is reduced to carry over a previous local amendment.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2009 INTERNATIONAL FUEL GAS CODE						
320	IFGC	A	Commercial	Section 101.1 Title. These regulations, as amended and adopted by the Village of Oak Park shall be known as the Fuel Gas Code of the Village of Oak Park, hereinafter referred to as "this code."		Administrative provision to note that this code has been locally amended.
321	IFGC	A	Commercial	Chapter 1, PART 2 - ADMINISTRATION AND ENFORCEMENT, is deleted in its entirety with the exception of the following Sections to remain: <u>1. SECTION 105 (IFGC) APPROVAL.</u> <u>2. SECTION 107 (IFGC) INSPECTIONS AND TESTING.</u> <u>3. SECTION 108 (IFGC) VIOLATIONS, Sections 108.7 through 108.7.3 inclusive, and</u> <u>4. SECTION 110 (IFGC) TEMPORARY EQUIPMENT, SYSTEMS AND USES.</u> <u>Administration and enforcement of this code shall be governed by the Sections listed above and by applicable provisions of Chapter 1 of the International Building Code as amended and adopted by the Village of Oak Park.</u>		Administrative provision. Deleting Sections other than those noted herein provides consistency between Chapter 1 of each code book.
322	IFGC	LS	Commercial and Residential	Section 301.16 Carbon monoxide alarms. For new construction, or alteration or addition to any existing building or structure, or whenever fuel gas equipment or appliances regulated by this code are altered, moved, repaired or replaced, a carbon monoxide alarm capable of emitting an audible alarm shall be installed within a distance of 20 feet, but no closer than 15 feet horizontally to any new, existing, altered, moved, repaired or replaced fuel gas equipment or appliance within the building or structure. Exceptions: <u>1. Within residential dwelling units, carbon monoxide alarms shall be installed in accordance with Section 315 CARBON MONOXIDE ALARMS of the International Residential Code as amended and adopted by the Village of Oak Park and other applicable laws.</u> <u>2. Within public areas of commercial laundry facilities, two carbon monoxide alarms installed in remote locations as approved by the Village of Oak Park Fire Department may be provided in lieu of installing an alarm within 20 feet of each fuel gas appliance in the public area.</u>	Section added.	Section added to provide higher level of safety in the detection of deadly carbon monoxide gas in multi-family and commercial structures.
323	IFGC	CR	Commercial	Section 406.7, is deleted in its entirety and replaced with the following: Section 406.7 Purging requirements. The purging of piping shall be in accordance with Sections 406.7.1 through 406.7.3.		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
324	IFGC	CR	Commercial	Section 406.7.1 Piping systems required to be purged outdoors. The purging of piping systems shall be in accordance with the provisions of Sections 406.7.1.1 through 406.7.1.4 where the piping system meets either of the following: <u>1. The design operating gas pressure is greater than 2 psig.</u> <u>2. The piping being purged contains one or more sections of pipe or tubing greater than 2 inches in nominal size and exceeding the lengths in Table 406.7.1.1.</u>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
325	IFGC	CR	Commercial	Section IFGS 406.7.1.1 Removal from service. Where existing gas piping is opened, the section that is opened shall be isolated from the gas supply and the line pressure vented in accordance with Section 406.7.1.3. Where gas piping meeting the criteria of Table 406.7.1.1 is removed from service, the residual fuel gas in the piping shall be displaced with an inert gas.		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
326	IFGC	CR	Commercial	<p><u>IFGS Table 406.7.1.1</u></p> <p><u>Size and Length of Piping</u> <u>Nominal Pipe Size (inches) / Length of Piping (feet)</u></p> <p><u>2-1/2 / >50</u> <u>3 / >30</u> <u>4 / >15</u> <u>6 / >10</u> <u>8 or larger / Any length</u></p>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
327	IFGC	CR	Commercial	<p><u>Section 406.7.1.2 Placing in operation.</u> Where gas piping containing air and meeting the criteria of Table 406.7.1.1 is placed in operation, the air in the piping shall first be displaced with an inert gas. The inert gas shall then be displaced with fuel gas in accordance with Section 406.7.1.3.</p>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
328	IFGC	CR	Commercial	<p><u>Section 406.7.1.3 Outdoor discharge of purged gases.</u> The open end of a piping system being pressure vented or purged shall discharge directly to an outdoor location. Purging operations shall comply with all of the following requirements:</p> <p><u>1. The point of discharge shall be controlled with a shutoff valve.</u> <u>2. The point of discharge shall be located at least 10 feet from sources of ignition, at least 10 feet from building openings and at least 25 feet from mechanical air intake openings.</u> <u>3. During discharge, the open point of discharge shall be continuously attended and monitored with a combustible gas indicator that complies with Section 406.7.1.4.</u> <u>4. Purging operations introducing fuel gas shall be stopped when 90% fuel gas by volume is detected within the pipe.</u> <u>5. Persons not involved in the purging operations shall be evacuated from all areas within 10 feet of the point of discharge.</u></p>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
329	IFGC	CR	Commercial	<p><u>Section 406.7.1.4 Combustible gas indicator.</u> The combustible gas indicator used during purging operations shall be listed and shall be calibrated in accordance with the manufacturer's instructions and recommended schedule. The combustible gas indicator used for pipe discharge monitoring shall numerically display a volume scale from 0% to 100% with a resolution of not greater than 1% increments.</p>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
330	IFGC	CR	Commercial	<p><u>Section 406.7.2 Piping systems allowed to be purged indoors or outdoors.</u> The purging of piping systems shall be in accordance with the provisions of Section 406.7.2.1 where the piping system meets both of the following:</p> <p><u>1. The design operating gas pressure is 2 psig or less.</u> <u>2. The piping being purged is constructed entirely from pipe or tubing of 2-inch nominal size or smaller, or larger size pipe or tubing with lengths shorter than specified in Table 406.7.1.1.</u></p>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
331	IFGC	CR	Commercial	<p><u>Section 406.7.2.1 Purging procedure.</u> The piping system shall be purged in accordance with one or more of the following:</p> <p><u>1. The piping shall be purged with fuel gas and shall discharge to the outdoors.</u> <u>2. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through an appliance burner not located in a combustion chamber. Such burner shall be provided with a continuous source of ignition.</u> <u>3. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through a burner that has a continuous source of ignition and that is designed for such purpose.</u> <u>4. The piping shall be purged with fuel gas that is discharged to the indoors or outdoors, and the point of discharge shall be monitored with a listed combustible gas detector in accordance with 406.7.2.2. Purging shall be stopped when fuel gas is detected.</u> <u>5. The piping shall be purged by the gas supplier in accordance with written procedures.</u></p>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
332	IFGC	CR	Commercial	Section 406.7.2.2 Combustible gas detector. <u>The combustible gas detector used during purging operations shall be listed and shall be calibrated or tested in accordance with the manufacturer's instructions and recommended schedule. The combustible gas detector used for pipe discharge monitoring shall indicate the presence of fuel gas.</u>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.
333	IFGC	CR	Commercial	Section 406.7.3 Purging appliances and equipment. <u>After the piping system has been placed in operation, appliances and equipment shall be purged before being placed into operation.</u>		Sections related to purging of piping were deleted and replaced due to an error in the text noted by the ICC which could have allowed purging of any piping into the interior atmosphere of a building.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2009 INTERNATIONAL MECHANICAL CODE						
334	IMC	A	Commercial	Section 101.1 Title. These regulations, <u>as amended and adopted by the Village of Oak Park</u> shall be known as the Mechanical Code of the Village of Oak Park, hereinafter referred to as "this code."		Administrative provision to note that this code has been locally amended.
335	IMC	A	Commercial	Chapter 1, PART 2 - ADMINISTRATION AND ENFORCEMENT is deleted in its entirety with the exception of the following Sections to remain: <u>1. SECTION 105 APPROVAL.</u> <u>2. SECTION 107 INSPECTIONS AND TESTING.</u> <u>3. SECTION 108 VIOLATIONS, Sections 108.7 through 108.7.3 inclusive, and</u> <u>4. SECTION 110 TEMPORARY EQUIPMENT, SYSTEMS AND USES.</u> <u>Administration and enforcement of this code shall be governed by the Sections listed above and by applicable provisions of Chapter 1 of the International Building Code as amended and adopted by the Village of Oak Park.</u>		Administrative provision. Deleting Sections other than those noted herein provides consistency between Chapter 1 of each code book.
336	IMC	CR	Commercial	Section 506.6 Exhaust system discharge. <u>The permit holder shall verify that the exhaust system discharge does not constitute a nuisance as defined in the Village of Oak Park's Municipal Code or violate the provisions of any county, state or federal law regulating smoke and particulate emissions. In the event that the building official determines that a nuisance exists, or that a violation of any county, state or federal regulation is found to occur, the business owner or other responsible party shall take immediate measures to abate the nuisance or violation within the timeframe established by the building official for compliance.</u>	Section added.	Section added to facilitate enforcement of the Village's Nuisance Ordinance with respect to the noise emittance or release of odors or particulates from exhaust systems, particularly related to power vented appliances and commercial kitchen exhaust systems.
337	IMC	CR	Commercial	Section 509.1 Where required. Commercial cooking appliances required by Section 507.2.1 to have a Type I hood shall be provided with an approved automatic fire suppression system complying with the International Building Code and the International Fire Code, <u>each as amended and adopted by the Village of Oak Park, and NFPA 17A, Wet Chemical Extinguishing Systems - 2009 and NFPA 96, Ventilation Control and Fire Protection of Commercial Cooking Operations - 2008.</u>		Added reference to NFPA 17A and NFPA 96 which are the standards used by the Fire Department in reviewing plans for, and inspection of, commercial kitchen hood exhaust systems
338	IMC	CR	Commercial	Section 1206.8 Steam piping pitch. Steam piping shall be installed to drain to the boiler or the steam trap. Steam systems shall not have drip pockets that reduce the capacity of the steam piping. <u>Steam condensate pipe shall be pitched to the boiler or condensate receiver.</u>		

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2009 INTERNATIONAL PLUMBING CODE						
339	IPC	BD	Commercial and Residential	The 2009 International Plumbing Code is amended to add, modify and delete text as set forth below. Chapter 11 of the International Plumbing Code (IPC) shall be appended to the International Building Code and re-titled therein as Chapter 36 STORM DRAINAGE . All other chapters of the IPC shall be deleted.		Although most of the International Plumbing Code is not adopted due to conflict with the State of Illinois Plumbing Code, Chapter 11 provides information related to the sizing of gutters and downspouts for rainfall intensities.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
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VILLAGE OF OAK PARK'S MODIFICATIONS TO THE 2008 NATIONAL ELECTRIC CODE

340	NEC	CR	Residential	<p>Section 110.3 (C) Work in Existing Structures.</p> <p><u>(1) In dwelling units where interior wall coverings as defined in the International Residential Code as amended and adopted by the Village of Oak Park are removed from both sides of a wall or floor/ceiling assembly, any existing electrical wiring methods, receptacle spacing, household smoke detectors, and carbon monoxide detectors shall be installed in conformance with this code. Where wall coverings are only removed from one side of a wall or floor/ceiling assembly, the wiring methods, receptacle spacing, household smoke detectors, and carbon monoxide detectors shall be brought into conformance on both sides of the wall or floor/ceiling assembly. Where legal existing non-conforming wiring methods are routed to/from concealed walls or floor/ceiling assemblies, the existing wiring shall transition to a method in conformance with this code as soon as practical.</u></p> <p><u>(2) In dwelling units where the base cabinets in kitchens are removed or additional cabinets are installed to facilitate a kitchen remodel, the minimum number of small appliance branch circuits and receptacles, and receptacle spacing shall be brought into conformance with this code.</u></p> <p><u>(3) At least one 20-ampere branch circuit as required by this code shall be provided in all remodeled residential dwelling unit bathrooms where one or more of the following conditions exist:</u></p> <p><u>(a) Where the floor area of the bathroom is reconfigured in size.</u></p> <p><u>(b) Where more than 50 percent of the bathroom wall coverings are removed and replaced.</u></p> <p><u>(c) Where multiple plumbing fixtures are removed and replaced.</u></p> <p>Exception: <u>These requirements may be waived by the building official where the nature of the existing construction does not practically allow for conformance with this code.</u></p>	Section added.	<p>Section added to establish:</p> <ol style="list-style-type: none"> 1. Compliance requirements for work in existing structures. Where full access to wall or floor/ceiling cavities is provided, full compliance of the code regarding wiring methods is required for the entire system. Where full access to wall or floor/ceiling assemblies is not provided, compliance is required where readily achievable. 2. Requirements for upgrading the electric receptacles and branch circuits as part of a kitchen remodeling or expansion are established. Electric requirements for modern kitchens often far exceed what was provided in our older building stock and a remodeling or expansion project is a reasonable time to make upgrades to new code requirements, including ground-fault protection of countertop receptacles. 3. Requirements for upgrading the electric receptacles and branch circuits as part of a bathroom remodeling or expansion are established. Electric requirements for modern bathrooms often far exceed what was provided in our older building stock and a remodeling or expansion project is a reasonable time to make upgrades to new code requirements, including ground-fault protection of receptacles.
341	NEC	CR	Commercial and Residential	<p>Section 110.26 Spaces About Electrical Equipment. Sufficient access and working space shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. <u>The working space and access shall be entirely on the legal property which the equipment serves.</u></p>		Section modified to ensure that equipment is located in a location where proper service clearance is provided and not potentially blocked by construction that may occur on adjacent properties such as fences.
342	NEC	CR	Commercial and Residential	<p>Section 230.43. Wiring Methods for 600 Volts, Nominal, or Less. Service-entrance conductors shall be installed in accordance with the applicable requirements of this code covering the type of wiring method used and shall be limited to the following methods:</p> <p>(1) Open wiring on insulators</p> <p>(2) Type IGC cable</p> <p>(3) Rigid metal conduit</p> <p>(4) Intermediate metal conduit</p> <p>(5) Electrical metallic tubing</p> <p>(6) Electrical nonmetallic tubing (ENT)</p> <p>(7) Service-entrance cables</p> <p>(8) Wireways</p> <p>(9) Busways</p> <p>(10) Auxiliary gutters</p> <p>(11) Rigid nonmetallic conduit</p> <p>(12) Cablebus</p> <p>(13) Type MC cable</p> <p>(14) Mineral-insulated, metal sheathed cable</p> <p>(15) Flexible metal conduit not over 1.8 m (6 ft) long or liquidtight flexible metal conduit not over 1.8 m (6 ft) long between raceways, or between raceway and service equipment, with equipment bonding jumper routed with the flexible metal conduit according to the provisions of 250.102(A), (B), (C), and (E)</p> <p>(16) Liquidtight flexible nonmetallic conduit</p>		Section modified to indicate the type of wiring methods permitted for service-entrance conductors to provide greater protection for service conductors by restricting certain methods of installations.

Item No.	Code Book	Prov. Type	Structure Type	Proposed Code Language	Comments	Rationale for Change
				<u>(A) Above Ground.</u> <u>(1) Rigid metal conduit</u> <u>(2) Electrical metallic tubing where installed inside of an exterior wall.</u> <u>(3) Rigid nonmetallic conduit where installed inside of an exterior wall.</u> <u>(B) Underground.</u> <u>(1) Rigid metal conduit</u> <u>(2) Rigid nonmetallic conduit</u>		
343	NEC	CR	Commercial and Residential	Section 250.118 Types of Equipment Grounding Conductors , is modified to list items (2), (3), and (4) to read as follows: (2) Rigid metal conduit <u>installed above ground</u> (3) Intermediate metal conduit <u>installed above ground</u> (4) Electrical metallic tubing <u>installed above ground</u>		Prevents the use of metal/metallic conduits installed below grade as an equipment grounding conductor. Metal/metallic conduits rust out over time and ground continuity can be lost, creating unsafe conditions. The only practical solution would be to pull an insulated wire through the conduit to act as the equipment grounding conductor.
344	NEC	CR	Commercial and Residential	Section 314.3 (A). Lighting Outlets in Dwelling Units. <u>Where a lighting outlet installed in the ceiling of a dwelling unit is located such that the location makes it feasible to attach a ceiling fan to the outlet box, the outlet box shall be fan rated, regardless of the initial intentions of use for the outlet box.</u>	Section added.	Section added to ensure that the ceiling box is capable of supporting a ceiling fan in the event a ceiling fan is installed at a future date.

LEGEND

Text: sample text Plain text indicates language of the base code.
~~sample text~~ Strikethrough text indicates verbiage recommended for deletion by the Building Codes Advisory Commission.
sample text Underlined text indicates verbiage recommended for addition by the Building Codes Advisory Commission.

Code Books: IBC International Building Code
IEBC International Existing Building Code
IFC International Fire Code
IFGC International Fuel Gas Code
IMC International Mechanical Code
IPC International Plumbing Code
IRC International Residential Code
NEC National Electric Code

Provision Type: A Administrative provision
(Prov.) AC Accessibility provision
BD Building design provision
CR Construction restriction provision
LS Life safety provision