



# VILLAGE OF WINNETKA

*Incorporated in 1869*

August 13, 2012

Dear Contractor/Design Professional,

As someone who has done work in the Village of Winnetka in the past, I wanted to make you aware that the Village has adopted an updated building code. As of September 1, 2012, the following building codes will be in effect:

- ICC International Building Code, 2009 Edition
- ICC International Residential Code for One- and Two-Family Dwellings, 2009 Edition
- ICC International Mechanical Code, 2009 Edition
- ICC International Fuel Gas Code, 2009 Edition
- ICC International Energy Conservation Code, 2012 Edition
- ICC International Fire Code, 2009 Edition
- State of Illinois Plumbing Code, 2004 Edition
- National Electrical Code, 2008 Edition
- NFPA 101 Life Safety Code, 2009 Edition
- NFPA Publication 13, 2010 Edition
- NFPA Publication 14, 2010 Edition
- NFPA Publication 72, 2012 Edition

All new building permit plans submitted on or after September 1, 2012, must comply with the above-listed codes. Any plans currently in process or submitted prior to September 1<sup>st</sup> will be subject to review and approval under the current codes (ICC Codes, 2003 Edition, NEC, 2002 Edition, State Plumbing Code, 2004 Edition).

Several comments concerning the new codes need to be mentioned. First, pursuant to State law, the 2012 Edition of the ICC Energy Conservation Code has been adopted. The law requires that the most recently issued edition of ICC Energy Conservation Code be adopted. Therefore, since the 2012 Edition was issued last year, this is the code which the Village will operate under. Second, you will note that we still operate under the 2004 Edition of the State of Illinois Plumbing Code; the State has not issued a new edition of the Plumbing Code since 2004.

As most municipalities do, Winnetka adopted a number of amendments to the codes. Enclosed is a complimentary copy of the Village's amendments. Please keep these on file for future reference.

Sincerely,

Michael A. D'Onofrio  
Director of Community Development

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**VILLAGE OF WINNETKA**  
**BUILDING CODE AMENDMENTS**

(Effective August 16, 2012)

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## **ADOPTION OF MODEL CODES**

### **Sections:**

- 15.08.010 Adoption of Model Codes by Reference**
- 15.08.020 Amendments to the International Building Code, 2009 Edition**
- 15.08.030 Amendments to International Residential Code for One – and Two-Family Dwellings, 2009 Edition**
- 15.08.040 Amendments to the International Mechanical Code, 2009 Edition**
- 15.08.050 Amendments to the International Fuel Gas Code, 2009 Edition**
- 15.08.060 Amendments to State of Illinois Plumbing Code, 2004 Edition**
- 15.08.070 Amendments to National Electrical Code, 2008 Edition**
- 15.08.090 Amendments to International Energy Conservation Code**

### **Section 15.08.010 Adoption of Model Codes by Reference.**

The model codes described in the following subsections A through I are each adopted by reference pursuant to the home rule authority of the Village of Winnetka under Article VII, Section 6 of the State of Illinois Constitution of 1970, and further pursuant to applicable provisions of the Illinois Municipal Code and the Municipal Adoption of Codes and Records Act, 50 ILCS 220/1 through 220/7, except as modified by the exclusions, amendments and additional provisions set forth in this chapter.

- A. International Building Code, 2009 Edition.
- B. International Residential Code for One- and Two-Family Dwellings, 2009 Edition.
- C. International Mechanical Code, 2009 Edition.
- D. International Fuel Gas Code, 2009 Edition.
- E. State of Illinois Plumbing Code, 2004 Edition, as promulgated by the Illinois Department of Public Health and published in Title 77 of the Illinois Administrative Code, Chapter I, Subchapter R, Part 890.
- F. National Electrical Code, 2008 Edition.
- G. International Fire Code, 2009 Edition. (See Chapter 15.16)
- H. International Property Maintenance Code, 2009 Edition.
- I. International Energy Conservation Code, 2012 Edition.

**Section 15.08.020 Amendments to the International Building Code, 2009 Edition.**

A. **Exclusions.** The following provisions of the International Building Code, 2009 Edition, are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **101.4.4 Property maintenance.** (See WVC Section 15.08.080 for commercial and mixed use property maintenance provisions.)
2. **105.1.1 Annual permit.**
3. **105.1.2 Annual permit records.**
4. **105.2.1 Building.** One-story detached accessory structures used as tool and storage shed.
5. **105.2.2 Building.** Fences not over 6.5 feet high.
6. **105.2.4 Building.** Retaining walls that are not over 4 feet in height as measured from the bottom of the footing to the top of the wall.
7. **Building.** Sidewalks and driveways not more than 30 inches above adjacent grade.
8. **105.5 Expiration.** (Superseded by Section 15.32.190 of the Village Code.)
9. **105.7 Placement of permit.** (Superseded by Section 15.32.180 of the Village Code.)
10. **107.2 Construction documents.** (Superseded by Section 15.32.050 of the Village Code.)
11. **107.3.1 Approval of construction documents.** (Superseded by Sections 15.32.090 and 15.32.100 of the Village Code.)
12. **109.2 Schedule of permit fees.** (Superseded by Section 15.32.020 of the Village Code.)
13. **109.4 Work commencing before permit issuance.** (Superseded by Section 15.32.010 of the Village Code.)
14. **109.6 Refunds.** (Superseded by Section 15.32.030 of the Village Code.)
15. **907.2.1 through 907.2.9 Use groups.**
16. **1807.1.4 Permanent wood foundation systems.**
17. **1809.12 Timber footings.**
18. **Chapter 27 Electrical.** (Superseded by adoption of National Electrical Code; see Village Code Sections 15.08.010(F) and 15.08.070.)
19. **Chapter 29 Plumbing.** (Superseded by adoption of State of Illinois Plumbing Code, 2004 Edition; see Village Code Sections 15.08.010(E) and 15.08.070.)

**B. Amendments.** The following provisions of the International Building Code, 2009 Edition, are amended for adoption by the Village:

1. **101.1 Title.** These regulations shall be part of the Building Code of the Village of Winnetka. As used in the International Building Code, 2009 Edition, as adopted and amended by the Village, “this code” shall mean the Building Code of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this code” shall mean the Winnetka Village Code, and the Building Code the Village of Winnetka shall be called the “Building Code.”

2. **101.4.4 Plumbing.** The provisions of the State of Illinois Plumbing Code, 2004 Edition, as adopted by reference as provided in this Chapter 15.08, shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of the State of Illinois Plumbing Code, 2004 Edition, as adopted by reference as provided in this Chapter 15.08, shall apply to private sewage disposal systems.

3. **101.4.4 Property Maintenance.** The provisions of the International Property Maintenance Code, 2009 Edition, as adopted by reference and amended in this Chapter 15.08, shall apply to certain existing structures and premises, and shall regulate the equipment, light, ventilation, space heating, sanitation, life and fire safety hazards of such structures and premises; and shall define the responsibilities of owners, operators and occupants and occupancy of such existing premises and structures, as provided in Section 15.080 of this Chapter.

4. **102.6 Existing structures.** The legal occupancy of any structure existing on the date of adoption of this building code shall be permitted to continue without change, except as is specifically provided in this code, including this building code and the International Fire Code as adopted by the Village, and except as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.

5. **103.1 Creation of enforcement agency.** The Department of Community Development created pursuant to Chapter 2.44 of the Village Code is hereby established as the enforcement agency for this building code, and the Director of Community Development shall be known as the building official.

6. **103.2 Appointment.** The building official shall be appointed by the Village Manager.

7. **103.3 Deputies.** Subject to the approval of the Village Manager, the building official shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the building official.

8. **104.10 Modifications.** Wherever there are practical difficulties involved in carrying out the provisions of this building code, the building official shall have the authority to grant modifications for individual cases, upon application of the owner or owner’s representative, provided the building official shall first find that special individual reasons makes the strict letter of this building code impractical and that the

modification is in compliance with the intent and purpose of this building code and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of actions granting modifications shall be recorded and entered in the files of the Department of Community Development.

9. **105.2 Work exempt from permit.** Permits shall not be required for the following work.

a. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.

b. Construction or installation of temporary motion picture, television and theater stage sets and scenery. Notwithstanding the foregoing, a film production permit shall be required as provided in Chapter 5.20 of the Village Code.

c. Prefabricated swimming pools that are accessory to a detached one- or two-family dwelling, as applicable in Section 101.2, and that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18,925 L) and are installed entirely above ground.

d. Swings and other playground equipment accessory to detached one- and two-family dwellings.

Exemptions from the permit requirements of this Building Code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of the Village Code or any other laws or ordinances of the Village.

10. **107.2.2 Fire protection system shop drawings.** Shop drawings for the fire protection system(s) shall be submitted to indicate conformance with this building code, all other applicable provisions of the Village 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 of the International Building Code, 2009 Edition.

11. **113.21 General.** The Building and Zoning Board of Appeals created by Section 3.44.010 of the Village Code shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this building code. Appeals shall be subject to the provisions of Chapter 15.72 of the Village Code.

12. **115.2.1 Stop work order policy.** The issuance of stop work orders shall be subject to the enforcement provisions set forth in Chapter 15.04 of the Village Code.

13. **406.1.4.4 Separation.** The sills of all door openings between private garages and adjacent interior spaces shall be raised not less than six (6) inches above the garage floor.

14. **903.3.5 Water supplies.** Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. of the International Building Code, 2009 Edition. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the State of

Illinois Plumbing Code, 2004 Edition. Hydrant water flow data used for the design of any sprinkler system shall be witnessed by the Fire Department and shall be no more than six (6) months old.

15. **903.4.2 Alarms.** Approved audible devices shall be connected to every automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building in an approved location. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system. An outside audio/visual device shall be provided and shall be located above the fire department connection.

16. **903.4.2.1 Alarm-indicating devices.** All sprinklered buildings shall be provided with audio/visual alarm-indicating devices. The alarm-indicating devices shall be of a sufficient number and power to be seen and heard in all areas of the building.

17. **903.4.2.2 Test Valves.** Fire sprinkler system inspector test valves shall be accessible at all times and shall be located no more than 6 feet above the finished floor. On multiple riser systems, each test valve shall be marked to identify which riser and area it tests.

18. **903.4.3 Floor control valves.** Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor in high-rise buildings. In multiple story buildings, floor control valves with water flow and tamper switches shall be provided for each floor.

19. **903.6 Safety Factor.** Provide a minimum 10% safety factor in the fire protection system hydraulic calculation. The system demand shall be 10% minimum below the seasonal low water flow test supply.

20. **903.7 Hydraulic nameplate.** By each hydraulically calculated area, on each drawing, provide a copy of the hydraulic nameplate.

21. **903.8 NFPA standards.** The appendices of all NFPA standards are to be considered as part of each standard and are considered a “shall” requirement and not “should” information.

22. **903.9 Fire alarm systems.** All fire alarm systems shall be of the addressable type and shall be installed per NFPA 72, 2010 Edition.

23. **903.10 Quick response sprinklers.** All offices, assembly, and residential buildings and areas, except for one- and two- family residential buildings, shall be provided with residential and/or quick response sprinklers.

24. **905.3.1 Building height.** Class III standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet (9144 mm) below the highest level of fire department vehicle access. Notwithstanding the foregoing, standpipes shall be required in all buildings that are more than two (2) stories high and/or more than two (2) stories below grade.

25. **907.2 Where required.** An approved fire alarm system shall be provided in all use groups, except as specified in Section 907.2.6 of this code, and except for single family detached dwellings. All fire alarm control panels and annunciators shall be installed in locations approved by the Fire Department. All fire alarm panels and annunciators shall be keyed or under a protective plastic locked cover to prevent tampering.

26. **907.2.11.1.4 Group R-1.** Smoke detectors shall be installed at the top of every stairwell used for exiting.

27. **907.2.11.2.4 Groups R-2, R-3, R-4 and I-1.** In the R-Use Groups, smoke detectors shall be installed at the top of every stairwell used for exiting.

28. **1101.2 Design.** Buildings and facilities shall be designed and constructed to be accessible in accordance with this building code, the State of Illinois Accessibility Code, 1997 Edition, and ICC A117.1.

29. **2302.1.2.1 Fire Protection.** Where prefabricated wood I-joists are used for floor and ceiling assemblies in finished or unfinished spaces or areas in one- or two-family dwellings, these assemblies shall be separated from adjacent spaces or areas by fire-resistant material capable to resist a fire exposure equivalent to one-hour or more in accordance with fire test procedures as set forth in ASTM E119, as well as in accordance with Underwriters Laboratories (UL) or Factory Mutual (FM) classification standards. Such separation shall not be required for structures that are fully equipped with an automatic sprinkler system designed and installed in accordance with NFPA 13, 2010 Edition.

30. **2603.2.1 Third Party Approval.** No foam plastic insulation shall be used unless it has been approved by a nationally recognized independent testing agency, such as Underwriters Laboratories or Factory Mutual.

31. **3306.9.1 Barriers.** Prior to commencing any work under a permit that includes the authorization of demolition, excavation, construction of a new structure and/or construction of an addition to an existing structure, the applicant shall erect a fence to enclose the site in a location and manner approved by the building official. The fence shall be no less than six (6) feet in height and shall be located at least 18 inches from any public sidewalk. The fence shall be permanently secured in the ground, and shall remain in place until the building official approves its removal. When there are no construction personnel at the site, any gate or opening in the fence shall be closed and secured with a lock.

**Section 15.08.030 Amendments to the International Residential Code for One- and Two-Family Dwellings, 2009 Edition**

A. **Exclusions.** The following provisions of the International Residential Code for One- and Two-Family Dwellings, 2009 Edition, are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **105.5 Expiration.** (Superseded by Section 15.32.190 of this code.)
2. **105.7 Placement of permit.** (Superseded by Section 15.32.180 of the Village Code.)
3. **106.2 Site plan.** (Superseded by section 15.32.050 of the Village Code.)
4. **106.3.1 Approval of construction documents.** (Superseded by Sections 15.32.090 and 15.32.100 of the Village Code.)
5. **108.2 Schedule of permit fees.** (Superseded by Section 15.32.020 of the Village Code.)
6. **108.6 Refunds.** (Superseded by Section 15.32.030 of the Village Code.)
7. **108.6 Work commencing before permit issuance.** (Superseded by Section 15.32.010 of the Village Code.)
8. **109.1.6 Final inspection.** (Superseded by Section 15.32.160 of the Village Code.)
9. **110.4 Temporary occupancy.** (Superseded by Section 15.36.010 of the Village Code.)
10. **310.4 Bars, grills, covers and screens.**
11. **313.2 One- and two-family dwellings automatic fire system.**
12. **402.1 Wood foundations.**
13. **404.2 Wood foundation walls.**
14. **1001.11 Fireplace clearance.**
15. **Part VII — Plumbing.** Chapters 26 through 32
16. **Part VIII — Electrical.** Chapters 33 through 42.

B. **Amendments.** The following provisions of the International Residential Code for One- and Two- Family Dwellings, 2009 Edition, are amended for adoption by the Village:

1. **101.1 Title.** These provisions shall be known as the Residential Code for One- and Two-Family Dwellings of the Village of Winnetka. As used in the International Residential Code for One- and Two- Family Dwellings, 2009 Edition, as adopted and amended by the Village, “this code” shall mean the Residential Code for One- and Two-Family Dwellings of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this code” shall mean the Winnetka Village Code, and

the Residential Code for One- and Two-Family Dwellings of the Village of Winnetka shall be called the “Dwelling Code.”

2. **101.2 Scope.** The provisions of this Dwelling Code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings, of attached single-family dwellings (townhouses) that are not more than three stories in height and that have a separate means of egress, and of their accessory structures.

3. **102.7 Existing structures.** The legal occupancy of any structure existing on the date of adoption of this Dwelling Code shall be permitted to continue without change, except as is specifically provided in this code, including this Dwelling Code and the International Fire Code, 2009 Edition, as adopted by the Village, and except as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.

4. **103.1 Creation of enforcement agency.** The Department of Community Development created pursuant to Chapter 2.44 of the Village Code is hereby established as the enforcement agency for this code and the Director of Community Development shall be known as the building official.

5. **103.2 Appointment.** The building official shall be appointed by the Village Manager.

6. **103.3 Deputies.** Subject to the approval of the Village Manager, the building official shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the building official.

7. **105.2 Work exempt from permit.** Permits shall not be required for the following work. Exemptions from the permit requirements of this Dwelling 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 the Village.

a. Buildings:

i) Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.

ii) Construction or installation of temporary motion picture, television and theater stage sets and scenery. Notwithstanding the foregoing, a film production permit shall be required as provided in Chapter 5.20 of the Village Code.

iii) Prefabricated swimming pools that are accessory to a detached one- or two-family dwelling, as applicable in Section 101.2, and that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18,925 L) and are installed entirely above ground.

b. Electrical:

i) Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.

c. Mechanical:

- i) Portable heating appliances.
- ii) Portable ventilation appliances.
- iii) Portable cooling units.
- iv) Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
- v) Portable evaporative coolers.
- vi) Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
- vi) Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.

d. Plumbing:

- i) The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, 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 permit shall be obtained and inspection made as provided in this code.
- ii) 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.

8. **112.1 General.** The Building and Zoning Board of Appeals created by Section 3.44.010 of the Village Code shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this building code. Appeals shall be subject to the provisions of Chapter 15.72 of the Village Code.

9. **114.1 Notice to owner; stop work orders.** The issuance of stop work orders shall be subject to the enforcement provisions set forth in Chapter 15.04 of the Village Code.

10. **115.1 Prefabricated construction.** A certificate of approval by an approved agency shall be furnished with every prefabricated assembly, except where all elements of the assembly are readily accessible to inspection at the site. No element of any prefabricated assembly shall be concealed prior to inspection and approval by the building official. All elements of any prefabricated assembly shall be readily accessible for inspection at the permit site. Prefabricated assemblies shall be inspected at the building site by the building official as required by this code.

11. **309.5 Separation required.** The garage shall be separated from the residence and its attic area by not less than ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the

separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than ½-inch (12.7 mm) gypsum board or equivalent. The sills of all door openings between private garages and adjacent interior spaces shall be raised not less than six (6) inches above the garage floor.

**12. 310.4.1 Bars, grills, covers and screens on window wells.** All window wells, whether to be used as emergency escape or rescue openings or not, shall be fitted with bars, grills, covers, screens, railings or similar devices. All shall be operable from the side of the egress without the use of a key, tool or special knowledge.

**13. 316.6 Specific approval.** Foam plastic insulation not meeting the requirements of Sections R316.3 through R316.5 may be specifically approved on the basis of one of the following approved tests: NFPA 286 with the acceptance criteria of Section R320.9.4, FM4880, UL 723, UL 1040 or UL 1715, or fire tests related to actual end-use configurations. Any foam plastic insulation must be approved by an independent testing agency, either Underwriters Laboratories or Factory Mutual. The specific approval shall be based on the actual end use configuration and shall be performed on the finished foam plastic assembly in the maximum thickness intended for use. Assemblies tested shall include seams, joints, and other typical details used in the installation of the assembly and shall be tested in the manner intended for use.

**14. 404.1.1.1 Masonry foundation walls.** Concrete masonry and clay masonry foundation walls shall be constructed as set forth in Tables R404.1.1(1), R404.1.1(2), R404.1.1(3) and R404.1.1(4) and shall also comply with the applicable provisions of Sections R606, R607 and R608. In buildings assigned to Seismic Design Categories D0, D1 and D2, concreted masonry and clay masonry foundation walls shall also comply with Section R404.1.1, but with not less than two (2) Number Five (5) reinforcement bars placed at the top and bottom of any concrete trench, belle, grade beam or formed foundation wall. Rubble stone masonry foundation walls shall be constructed in accordance with Sections R404.1.8 and R606.2.2. Rubble stone masonry walls shall not be used in Seismic Design Categories D0, D1 and D2.

**15. N1101.2 Compliance.** Compliance shall be demonstrated by meeting the requirements of the most recent edition of the *International Energy Conservation Code*. Climate zones from Figure R301.1 or Table R301.1 of the most recent edition of the *International Energy Conservation Code* shall be used in determining the applicable requirements from this chapter.

**16. 2501.2 Application.** In addition to the general administration requirements of Chapter 1 of the Dwelling Code, the administrative provisions of this Chapter 2501 of the Dwelling Code shall also apply to the plumbing requirements of the State of Illinois Plumbing Code, 2004 Edition.

**17. 2501.3 Authority.** These rules are promulgated pursuant to authority granted by Section 35 of the Illinois Plumbing License Act (225 ILCS 320/35).

**18. 2501.4 Applicability.** These rules govern the design and installation of new plumbing or plumbing systems and the alteration of existing plumbing systems. They apply to all new construction and any remodeling or renovation that alters, renovates or

replaces existing plumbing or plumbing systems. These rules do not apply to existing buildings unless the plumbing or plumbing system is being altered, the building use is being changed or the existing plumbing creates a health or safety hazard.

a. If an existing building is changed from one use to another or from one classification to another, as provided in Appendix A, Table B of the Illinois State Plumbing Code, 2004 Edition, it shall be treated as a new building and shall comply with the requirements of this Part for its new use or occupancy.

b. 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 his agent shall install additional plumbing or make such corrections as may be necessary to abate the hazard or violation of this part.

**19. Part VIII — Electrical.** The provisions of the National Electrical Code, 2008 Edition, as adopted by reference and amended in this Chapter 15.08, shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

**Section 15.08.040 Amendments to the International Mechanical Code,  
2009 Edition.**

A. **Exclusions.** The following provisions of the 2009 International Mechanical Code are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **104.4 Inspections.** (Superseded by Section 15.32.160 of the Village Code.)
2. **106.4.3 Expiration.** (Superseded by Section 15.32.190 of the Village Code.)
3. **106.5.1 Work commencing before permit issuance.** (Superseded by Section 15.32.010 of the Village Code.)
4. **106.5.2 Fee schedule.** (Superseded by Section 15.32.020 of the Village Code.)
5. **106.5.3 Fee refunds.** (Superseded by Section 15.32.030 of the Village Code.)

B. **Amendments.** The following provisions of the 2009 International Mechanical Code are amended for adoption by the Village:

1. **101.1 Title.** These provisions shall be known as the Mechanical Code of the Village of Winnetka. As used in the International Mechanical Code, 2009 Edition, as adopted and amended by the Village, “this code” shall mean the Mechanical Code of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this code” shall mean the Winnetka Village Code, and the Mechanical Code of the Village of Winnetka shall be called the “Mechanical Code.”

2. **103.1 General.** The Department of Community Development created pursuant to Chapter 2.44 of the Village Code is hereby established as the enforcement agency for this code, and the Director of Community Development shall be known as the building official.

3. **103.2 Appointment.** The building official shall be appointed by the Village Manager.

4. **108.5 Stop work orders.** The issuance of stop work orders shall be subject to the enforcement provisions set forth in Chapter 15.04 of the Village Code.

5. **109.2 Membership of board.** The Building and Zoning Board of Appeals created by Section 3.44.010 of the Village Code shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this building code. Appeals shall be subject to the provisions of Chapter 15.72 of the Village Code.

6. **301.8 Plumbing connections.** Potable water supply and building drainage system connections to equipment and appliances regulated by this code shall be in accordance with the State of Illinois Plumbing Code, 2004 Edition.

**7. Chapter 15 Referenced Standards.**

- a. SIPC-2004, State of Illinois Plumbing Code 2004 Edition.
- b. NEC-2008, National Electrical Code 2008 Edition.

**Section 15.08.050 Amendments to the International Fuel Gas Code,  
2009 Edition.**

A. **Exclusions.** The following provisions of the International Fuel Gas Code, 2009 Edition, are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **106.4.3 Expiration.** (Superseded by Section 15.32.190 of the Village Code.)
2. **106.5.2 Fee schedule.** (Superseded by Section 15.32.020 of the Village Code.)
3. **106.5.3 Fee refunds.** (Superseded by Section 15.32.030 of the Village Code.)
4. **403.6 Plastic pipe, tubing and fittings.**
5. **403.11 Plastic pipe, joints and fittings.**

B. **Amendments.** The following provisions of the International Fuel Gas Code, 2009 Edition, are amended for adoption by the Village:

1. **101.1 Title.** These provisions shall be known as the Fuel Gas Code of the Village of Winnetka. As used in the International Fuel Gas Code, 2009 Edition, as adopted and amended by the Village, “this code” shall mean the Fuel Gas Code of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this code” shall mean the Winnetka Village Code, and the Fuel Gas Code of the Village of Winnetka shall be called the “Fuel Gas Code.”

2. **103.1 General.** The Department of Community Development created pursuant to Chapter 2.44 of the Village Code is hereby established as the enforcement agency for this code, and the Director of Community Development shall be known as the building official.

3. **103.2 Appointment.** The building official shall be appointed by the Village Manager.

4. **103.3 Deputies.** Subject to the approval of the Village Manager, the building official shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the building official.

5. **108.5 Stop work orders.** The issuance of stop work orders shall be subject to the enforcements provisions set forth in Chapter 15.04 of the Village Code.

6. **109.2 Membership of board.** The Building and Zoning Board of Appeals created by Section 3.44.010 of the Village Code shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this building code. Appeals shall be subject to the provisions of Chapter 15.72 of the Village Code

7. **624.1.1 Installation requirements.** The requirements for water heaters relative to sizing, relief valves, drain pans and scald protection shall be in accordance with the State of Illinois Plumbing Code, 2004 Edition.

8. **Chapter 7 Referenced Standards.**

- a. SIPC-2004, State of Illinois Plumbing Code 2004 Edition – Section 624.1.1
- b. NEC-2008, National Electrical Code 2008 Edition

**Section 15.08.060 Amendments to the State of Illinois Plumbing Code,  
2004 Edition**

A. **Exclusions.** The following provisions of the State of Illinois Plumbing Code, 2004 Edition, are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **Table A, “Approved Materials for Building Sewers”** is amended by deleting the following items:

- a. 2) Asbestos Cement Pipe.
- b. 5) Concrete Pipe
- c. 8) Vitrified Clay Pipe
- d. 9) Solder

2. **Table A, “Approved Materials for Water Service Pipe”** is amended by deleting the following items:

- a. 1) ABS Pipe
- b. 4) CPVC Pipe

3. **Table A, “Approved Materials for Water Distribution Pipe”** is amended by deleting the following Items 2, 7 and 8:

- a. 2) CPVC Pipe
- b. 7) Poly Butylene Pipe
- c. 8) PVC Pipe

B. **Amendments.** The following provisions of the State of Illinois Plumbing Code, 2004 Edition, are amended for adoption by the Village:

1. **Section 890.110, General Regulations** is amended by adding the following subsection (c):

**890.110 (c) General Regulations.** Plumbing and drainage systems in all buildings, public and private, shall be installed in accordance with the provisions of this ordinance by a licensed plumber in accordance with the provisions of the State of Illinois Plumbing License Law. If a plumbing contractor is found to be using unlicensed plumbers, the contractor’s plumbing permit will be revoked

2. **Section 890.120 Definitions** is amended by adding the following definition :

“Plumbing Code.” The Illinois State Plumbing Code, 2004 Edition, as adopted and amended by the Village, shall be known as the Plumbing Code of the Village of Winnetka. As used in the Illinois State Plumbing Code, 2004 Edition, as adopted and amended by the Village, the terms “Part” or “this code” shall mean the Plumbing Code of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this code” shall mean the Winnetka Village Code, and the Plumbing Code of the Village of Winnetka shall be called the “Plumbing Code.”

C. **Additions.** The State of Illinois Plumbing Code, 2004 Edition, is further amended for adoption by the Village by adding the following provisions:

1. **Potable Water.** Type L copper piping shall be used for potable water.
2. **Couplings.** Heavy duty 4 band couplings must be used with no hub soil pipe.
3. **Plumbing Walls.** Plumbing walls where stacks are located must be built with not less than 2 x 6 framing.
4. **Primer.** Purple primer must be used on all PVC piping.
5. **Testing.** Gas tests are required if any existing gas lines have been moved.
6. **Water Service.** For all new construction, including additions and substantial remodeling a minimum 1 inch copper water service is required.
7. **Existing Conditions.** All nonconforming plumbing installations or materials discovered or revealed during remodeling, renovation, or other alteration projects, shall be corrected in accordance with this code.
8. **Inspections.** Inspections shall be subject to the provisions of Section 15.20.050 of this chapter.

9. **Inspections.**

a. **Inspections Required.** All plumbing work shall be done by licensed plumbers or sewer contractors and shall be subject to the inspection and approval of the Director of Community Development, or the plumbing inspector under the supervision of the Director of Community Development. The plumbing contractor shall be on site when the rough plumbing inspection is conducted.

b. **Testing by Plumbing Inspector.** All plumbing work shall be tested by the plumbing inspector, in accordance with this code, while all pipes are uncovered in every part. A water test shall be applied to the drainage system in its entirety, or in sections, as completed. A water pressure test for plumbing work shall be applied by closing the lower end of the vertical pipes and filling the pipes to the highest opening above the roof with water. Special provision shall be made to include all joints and connections to the finished line or face of floors or side walls, so that all vents or revents, including lead work, may be tested with the main stacks. The house drain inside any building shall be tested by closing up the drain at the point where it leaves the building, using the clean out wye provided for, and filling the pipes inside the building with water to a height of at least two feet above the highest point of the drainage system.

c. **Water Supply for Testing.** Licensed plumbers will be allowed to leave the water turned into pipes for forty-eight (48) hours after completing any work for the purpose of testing the same, at the end of which time they shall immediately cut off the supply, unless otherwise instructed by the Director of the Water and Electric Department. Plumbers are prohibited from turning water on from any service pipe for any other purpose, except on the order of or permission from the Water and Electric Department.

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d. Additional Inspections. All plumbing work shall be subject to such further inspections and tests as shall be required by the rules and regulations of the Water and Electric Department of the Village.

(Prior code § 23.49)

**10. Overhead sewers and other protective measures below ground level.** All buildings constructed after December 31, 1970 with basements, floors, rooms or occupancy areas below grade and served by a public or private sewer system shall have overhead plumbing with ejector pumps.

**Section 15.08.070 Amendments to the National Electric Code, 2008 Edition**

A. **Exclusions.** The following provisions of the National Electric Code, 2008 Edition, are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **Article 322 Flat Cable Assemblies: Type FC.**
2. **Article 324 Flat Conductor Cable: Type FCC.**
3. **Article 334 Nonmetallic-sheathed Cable: Types NM, NMC and NMS.**
4. **Article 338 Service-Entrance Cable: Types SE and USE.**
5. **Article 340 Underground Feeder and Branch-Circuit Cable: Type UF.**
6. **Article 362 Electrical Nonmetallic Tubing: Type ENT.**
7. **Article 394 Concealed Knob and Tube Wiring.**
8. **Article 396 Messenger Supported Wiring.**
9. **Article 547 Agricultural Buildings.**
10. **Article 550 Mobile Homes, Manufactured Homes, and Mobile Home Parks.**
11. **Article 551 Recreational Vehicles and Recreational Vehicle Parks.**
12. **Article 553 Floating Buildings.**
13. **Annex H Administration and Enforcement** is amended by deleting the following sections:
  - a. **80.2 Definitions.** Chief Electrical Inspector.
  - b. **80.15 Electrical Board.** Delete subsections (A) (B) (C) (D) (E) (F) and (H).
  - c. **80.19(D) Annual Permits.**
  - d. **80.19(F)(3) Inspections.**
  - e. **80.19(F)(4) Approvals.**
  - f. **230. II Overhead Service-drop conductors.**
  - g. **320 Armored Cable: Type AC.** Delete entire Article.

B. **Amendments.** The following provisions of the National Electric Code, 2008 Edition, are amended for adoption by the Village:

1. **90.0 Title.** These provisions shall be known as the Electric Code of the Village of Winnetka. As used in the National Electric Code, 2008 Edition, as adopted and amended by the Village, “this code” shall mean the Electric Code of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this

code” shall mean the Winnetka Village Code, and the Electric Code of the Village of Winnetka shall be called the “Electric Code.”

2. **200.11 Use and Identification of Grounded Conductors, Outlets, Switches and Receptacles.** All garage outlets shall be located not less than forty-two (42) inches above the finished floor.

Switches and receptacles in bathrooms shall be located in a minimum of thirty (30) inches from the inside edge of a tub or shower measured horizontally at the floor line. Lighting fixtures above, or within two feet of the inside of the tub edge, must have GFCI protection.

Grounded conductors shall be at least the same size as the ungrounded conductors of the same circuit.

3. **210.52 (E)(3)(a) Balconies, Decks, and Porches.** Receptacle outlet is required at all balconies, decks, and porches that are accessible from inside of a dwelling, regardless of the size of the balcony, deck, or porch.

4. **Section 210.52(G) Basements and Garages.** For a one-family dwelling, at least one receptacle outlet, in addition to any provided for laundry equipment, shall be installed in each basement and in each attached garage, and in each detached garage with electric power. See 210.8 (A) and (A) (5). Where a portion of the basement is finished into one or more habitable rooms, each separate unfinished portion shall have a receptacle outlet installed in accordance with the section.

A minimum of one (1) switched lighting fixture shall be installed in the immediate area of the top stair tread of all staircases leading to basement areas. A minimum of one (1) switched lighting fixture shall be installed in the area of the lower most stair tread of all staircases that lead to the basement areas.

5. **210.52(I) Other Outlets.** Other outlets not covered in 220.3(B) (1) through (10) shall be computed based on 180 volt-amperes.

In dwelling occupancies dishwashers and disposals shall have separate disconnecting means under the sink cabinet.

A separate circuit shall be provided for all heating and air conditioning units.

Receptacle outlets adjacent to kitchen sinks may be located a maximum of three feet from the edge of the sink bowl.

6. **230.1 (A) Services, Scope – Overhead or Exposed Wiring.** No overhead or exposed wiring on the exterior of buildings shall be installed except for main service conduits and wiring runs of four feet or less to freestanding cooling units and connections to underground wiring. In all such cases, rigid metal conduit shall be used, except that, where flexible connections are required, liquid tight or flexible metal conduit with a green equipment ground wire may be used.

7. **230. VI Service Equipment – Disconnecting Means.** All new single family detached dwellings shall have a minimum 200 amp single phase service with the main disconnect located at the meter.

8. **230.70 (A) Location.** The service disconnecting means shall be installed in accordance with 230.70 (A) (1), (2) and (3). The location of outside meters for single family dwellings must be determined prior to installation by the Water and Electric Department.

Meter pedestals must be installed so that the center of the meter is located 48 inches from the adjacent finished grade.

9. **300.1(D) Underground Wiring.** All underground wiring in buildings, including wiring in sub-grade floors, shall be installed in rigid metal conduit. Rigid nonmetallic conduit may be used underground outside of buildings.

All interior wiring not required to be flexible and all basement wiring shall be installed in intermediate metal or rigid metal conduit or electrical metallic tubing.

10. **310.14 Aluminum Conductor Material.** No aluminum or copper-clad aluminum wire shall be used, except as approved for service to an electrical meter.

11. **408.31 Busbars.** Copper bus shall be used in switchboard, panel boards and meter socket enclosures containing more than four sockets.

12. **410.16(C)(6) Luminaries (Fixtures) in Clothes Closets.** In dwelling units, all closets that are at least twenty-three (23) inches deep and all utility rooms and pantries, shall be illuminated.

13. **680.3 Swimming Pools, Fountains and Similar Installations, Other Articles.** Except as modified by this article, wiring and equipment in or adjacent to pools and fountains shall comply with other applicable provisions of this Code, including those provisions identified in Table 680.3. All controls, pumps or lights for a swimming pool, sauna, hot tub or hydro massage bathtub shall not be used without GFCI protection. All underwater lights shall be twelve (12) volts.

14. **Annex H Administration and Enforcement, Section 80.15 Electrical Board, Subsection (G) Appeals,** is amended to provide:

(G) Appeals - Review of Decisions. Any person, firm, or corporation may register an appeal with the Building and Zoning Board of Appeals for a review of any decision of the Electrical Inspector, provided that such appeal is made in writing within fifteen (15) days after such person, firm, or corporation shall have been notified. Upon receipt of such appeal, the Building and Zoning Board of Appeals shall, if requested by the person making the appeal, hold a public hearing and proceed to determine whether the action of the Electrical Inspector complies with this law and, within fifteen (15) days after receipt of the appeal or after holding the hearing, shall make a decision in accordance with its findings.

15. **Annex H, Administration and Enforcement, Section 80.27, Inspector's Qualifications, Subsection B(3) and (D)** are amended to provide:

**80.27(B)(3) Experience.** Be well versed in the National Electric Code 2008 Edition and the amendments hereto.

**80.27(D) Revocation and Suspension.** The Director of Community Development or the Village Manager shall have the authority to revoke or suspend an inspector's authority to conduct inspections.

C. **Additions.** The National Electric Code, 2008 Edition, is further amended for adoption by the Village by adding the following provisions:

1. **Nonconforming Installations.** All nonconforming electrical installations or matters discovered or revealed during remodeling, renovation, or other alteration projects, shall be corrected in accordance with this code.

2. **Removal of Abandoned Materials.** All abandoned wiring, conductors, conduit systems, raceways, junction boxes, electrical devices, electrical materials, equipment, and the like, shall be completely removed prior to a final electrical inspection.

3. **Circuit Wiring.** Circuits wired with AWG #14 wire, shall be limited to eight (8) outlets or receptacles for general lighting connected to a single circuit. Circuits wired with AWG #12 wire, shall be limited to ten (10) outlets or receptacles for general lighting connected to a single circuit.

4. **Wire Size.** Minimum wire size requirements for any installation other than residential shall be AWG #12. Devices and receptacles shall be twenty (20) amp rated.

5. **Conductor Installation.** Conductors shall not be installed in any raceway, until wall finishes are applied or mechanical work has been completed with the consent of the electrical inspector.

6. **Minimum Box Size.** Minimum sizes for boxes for general lighting outlets shall be 1½ inches deep and 3¾ inches in diameter. Minimum size boxes for switch and receptacles shall be 1½ inches deep and 4 inches square.

7. **Box Installations.** Back to back box installations shall not be permitted in any case.

8. **Light Switches.** Stairways, hallways, passageways, corridors, garages, rooms or other areas with more than one (1) entry shall have a sighting outlet switched from all exits and entries.

9. **Materials and Equipment.** New materials and/or equipment must be used on all installations.

10. **Final Inspections.** For final inspection purposes, all light fixtures shall have at least one (1) bulb or lamp in each fixture.

11. **Remodeling.** Existing buildings or structures that either are scheduled for remodeling and/or additions or have been vacated and made available to new tenants shall, prior to occupancy, be required to remove existing electrical equipment and materials that will not be used or that are determined not to conform to the currently adopted code requirements of the Village of Winnetka. Existing wiring, materials and equipment shall be in good condition, without actual or potential hazards or in an unsafe condition. Hazardous or unsafe conditions include, but are not limited to the following:

open boxes, unstable raceways, frayed wiring, dried out/flaking insulation on conductors, improper connections, burned or defective contacts, overloaded circuits, insufficient number of circuit breakers/fuses, defective main breaker/bus bar, non-listed or labeled fixtures or devices or other similar unsafe conditions, and shall be replaced, removed or repaired as provided for by the provisions of the code. Unusable electrical systems and devices in good condition, which will provide safe electric service, may remain in place.

**12. Smoke Detectors.** In addition to other Village requirements pertaining to smoke detectors, the following is required:

a. A dedicated circuit shall be provided, which shall be permanently wired into a dwelling unit's electric service;

b. A "lockout" shall be installed on the system's circuit protection device to maintain power to the equipment;

c. A separate raceway shall be provided for the system's circuit and detector's control wiring, thereby eliminating the interference of circuit conductors and raceways, which may be installed for other equipment or outlets.

d. Attics and/or closets that contain mechanical equipment, i.e. heating, ventilating, or cooling equipment, shall contain an approved smoke detector.

e. An automatic fan shutdown device shall be installed in ceiling house fans and attic fans. This shall interconnect the smoke detector system and de-energize the power to the fan thereby discontinuing the induced air-flow from one room to another.

**13. Installation of Electric Services.** The Water and Electric Department shall install underground services for all new and modified electrical services. The cost of these services will be determined by that department and must be paid prior to installation. No overhead electrical services shall be installed. Meter pedestals must be installed so that the center of the meter is forty-eight (48) inches high, as measured from the adjacent finished grade. Electrical services shall be installed to the most proximate point of the primary structure. All other electrical work shall be performed by a licensed electrician.

**14. Inspections.** All electrical work shall be subject to the inspection and approval of the Director of Community Development, or the electrical inspector under the supervision of the Director.

### **Section 15.08.090 Amendments to International Energy Conservation Code, 2012 Edition.**

A. **Exclusions.** The following provisions of the International Energy Conservation Code, 2012 Edition, are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **104.3 Final inspection.** (Superseded by Section 15.32.160 of the Village Code.)
2. **107.1 Fees.** (Superseded by Section 15.32.020 of the Village Code.)
3. **107.3 Work commencing before permit issuance.** (Superseded by Section 15.32.010 of the Village Code.)
4. **107.5 Refunds.** (Superseded by Section 15.32.030 of the Village Code.)

B. **Amendments.** The following provisions of the International Energy Conservation Code, 2012 Edition, are amended for adoption by the Village.

1. **101.1 Title.** These regulations shall be part of the Building Code of the Village of Winnetka and shall be known as the Energy Conservation Code of the Village of Winnetka. As used in the International Energy Conservation Code, 2012 Edition, as adopted and amended by the Village, “this code” shall mean the Energy Conservation Code of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this code” shall mean the Winnetka Village Code, and the Energy Conservation Code of the Village of Winnetka shall be called the “Energy Conservation Code.”

2. **108.2 Stop Work Order – Issuance.** The issuance of stop work orders shall be subject to the enforcement provisions set forth in Chapter 15.04 of the Village Code.

3. **109.1 Board of Appeals – General.** The Building and Zoning Board of Appeals created by Section 3.44 of the Village Code shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this building code. Appeals shall be subject to the provisions of Chapter 15.72 of the Village Code.

## **FIRE PREVENTION AND LIFE SAFETY CODES**

### **Sections:**

<b>15.16.010</b>	<b>Adoption of Codes by Reference</b>
<b>15.16.020</b>	<b>Amendments to the International Fire Code, 2009 Edition</b>
<b>15.16.030</b>	<b>Amendments to NFPA 101 Life Safety Code, 2009 Edition</b>
<b>15.16.040</b>	<b>Amendments to NFPA Publication 14, 2010 Edition</b>
<b>15.16.050</b>	<b>Amendments to NFPA Publication 13, 2010 Edition</b>

### **Section 15.16.010 Adoption of Codes by Reference.**

A. **Adoption of codes by reference.** The model codes described in the following subsections 1 through 5 are each adopted by reference pursuant to the home rule authority of the Village of Winnetka under Article VII, Section 6 of the State of Illinois Constitution of 1970, and further pursuant to applicable provisions of the Illinois Municipal Code and the Municipal Adoption of Codes and Records Act, 50 ILCS 220/1 through 220/7, except as modified by the exclusions, amendments and additional provisions set forth in this chapter.

1. International Fire Code, 2009 Edition.
2. National Fire Protection Association (NFPA) 101 Life Safety Code, 2009 Edition.
3. Standards for the Installation of Automatic Sprinkler Systems, National Fire Protection Association (NFPA) Publication 13, 2010 Edition.
4. Standards for the Installation of Standpipe and Hose Systems, National Fire Protection Association (NFPA) Publication 14, 2010 Edition.
5. National Fire Alarm Code, National Fire Protection Association (NFPA) Publication 72, 2010 Edition.

B. **Rules of construction.** In the event any provision of the codes adopted by reference in this chapter conflict with state law, with any other ordinance of the Village, or with any other provision of this code, the provision requiring the highest standard for protection of life or property, as determined by the Fire Chief, shall prevail.

**Section 15.16.020 Amendments to the International Fire Code, 2009 Edition.**

A. **Exclusions.** The following provisions of the International Fire Code, 2009 Edition, are excluded from adoption by the Village. Where a range of sections is listed, the exclusion includes all sections and subsections within the specified range.

1. **108.1 Board of appeals established.**
2. **3404.2.13.1.4 Tanks abandoned in place.**

B. **Amendments.** The following provisions of the International Fire Code, 2009 Edition are amended for adoption by the Village:

1. **101.1 Title.** These regulations shall be known as the Fire Code of the Village of Winnetka. As used in the International Fire Code, 2009 Edition, as adopted and amended by the Village, “this code” shall mean the Fire Code of the Village of Winnetka. As used in the ordinances and codes published by the Village, the term “this code” shall mean the Winnetka Village Code, and the Fire Code of the Village of Winnetka shall be called the “Fire Code.”

2. **105.3.1 Expiration.**

a. An operational permit shall remain in effect until reissued, renewed or revoked, or for such a period of time as specified in the permit.

b. The length of time during which any construction permit issued for work under the Fire Code remains in effect shall be determined pursuant to Sections 15.32.190 and 15.32.200 of the Village Code.

3. **307.4.3 Outdoor fires; outdoor fireplaces, grills and fire pits.**

a. Outdoor fires in general. All outdoor fires, recreational or otherwise, shall be subject to the following requirements:

i) All outdoor fires shall be under continuous competent supervision.

ii) No outdoor fire, including but not limited to, fires in outdoor fireplaces, grills, fire pits and similar devices, shall be used in such a manner or location that it causes any building fire alarm to activate or that it otherwise creates a hazardous or objectionable condition.

b. Outdoor fireplaces, grills and fire pits. All portable outdoor fireplaces, grills, fire pits and similar devices, and all such devices that are permanently installed, shall be located and operated at least fifteen (15) feet from any building, fence or property line. Notwithstanding the foregoing, the operation of a permanent outdoor fireplace, grill, fire pit or similar device that was lawfully installed before July 17, 2012, shall be permitted, provided that such operation complies with the above Section 307.4.3.a.

c. Authority to extinguish. The code official is authorized to order the extinguishment of any outdoor fire that is not in compliance with this code or that otherwise creates a hazardous or objectionable condition.

C. **Additions.** The International Fire Code, 2009 Edition, is further amended by adding the following new provisions:

2. **505.3 Premise identification – rear and side access.** In addition to the premises identification in Section 505.1, all buildings except for one- and two-family dwellings shall have their address posted on any rear and/or side door. The signage shall include the address, the name of the street and business name or building name. The sign shall be installed at a height of approximately five feet (5') above the standing surface. The sign shall be installed immediately to the side of the door so it is visible with the door in the open or closed position. All other installation locations shall be approved by the Fire Chief or his designee.

3. **607.5 Elevator size.** Elevator installations in any building other than a one- or two-family dwelling shall include at least one elevator that is designed to accommodate an ambulance stretcher in a horizontal position, plus two (2) attendants.

**Section 15.16.030 Amendments to the NFPA 101 Life Safety Code, 2009 Edition.**

A. **Amendments.** The following provisions of the NFPA 101 Life Safety Code, 2009 Edition are amended for adoption by the Village.

1. **1.1.1 Title.** The NFPA 101 Life Safety Code, 2009 Edition, shall be known as the Life Safety Code of the Village of Winnetka.

2. **1.3 Application.**

**1.3.1** Building alterations or construction. All additions and alterations to existing buildings, and all construction of new buildings, shall comply with the provisions of the Life Safety Code.

**1.3.5** Restoration of damaged buildings. Whenever any existing building is damaged by fire or other cause to the extent that the cost of restoration to its condition immediately prior to the occurrence shall exceed fifty (50) percent of the cost of the restoration of the entire building new or whenever alterations or additions are made to any existing building which are equivalent to more than fifty (50) percent of the value of such building, the construction or alteration shall include all changes necessary to bring the building into conformity with the Life Safety Code. Costs determined under this paragraph shall be determined in the same manner such costs are determined for nonconforming buildings under chapter 17.64 of this code.

3. **7.2.1.4.2.1** Exit Doors. Exit doors shall be installed to swing with exit travel, regardless of the number of persons served, in any building used for an occupancy described in subsection A of Section 15.16.080 of this chapter, except where the Fire Chief has determined that compliance is unreasonably difficult to accomplish and that non-compliance does not pose a life safety hazard.. (Prior code § 26.05)

**Section 15.16.040 Amendments to the Standards for Installation of Standpipe and Hose Systems, National Fire Protection Association (NFPA) Publication 14, 2010 Edition.**

A. **Amendments.** The following provisions of the Standard for Installation of Standpipe and Hose Systems, National Fire Protection Association (NFPA) Publication 14, 2010 Edition are amended for adoption by the Village.

1. **Title.** The Standard for the Installation of Standpipe and Hose Systems, 2010 Edition, also known NFPA Publication 14, shall be known as Standpipe and Hose System Regulations of the Village of Winnetka.

2. **Applicability of Standpipe and Hose System Regulations.** A standpipe and hose system, installed in accordance with the standards set forth in Standard for the Installation of Standpipe and Hose Systems, NFPA Publication 14, 2010 Edition, shall be installed in all buildings, other than one- and two-family dwellings, that are more than two stories in height, regardless of the height of any such buildings measured in linear terms, such as feet or meters.

**Section 15.16.050 Amendments to the Standards for Installation of Automatic Fire Extinguishing Systems, National Fire Protection Association (NFPA) Publication 13, 2010 Edition.**

A. **Amendments.** The following provisions of the Standards for Installation of Automatic Fire Extinguishing Systems, National Fire Protection Association (NFPA) Publication 13, 2010 Edition are amended for adoption by the Village.

1. **Title.** The Standards for the Installation of Sprinkler Systems, 2010 Edition, also known NFPA Publication 13, shall be known as Automatic Sprinkler Regulations of the Village of Winnetka.

2. **Applicability.** Except as provided in paragraph 3 of this subsection A, automatic fire extinguishing systems, installed in accordance with the standards set forth in NFPA Publication 13, Standard for the Installation of Sprinkler Systems, 2010 Edition, or alternate similar fire suppression systems as approved by the Fire Chief, shall be installed in all buildings used for the following occupancies:

- a. Assembly occupancy used for gathering together six or more persons;
- b. Any occupancy where there is an activity involving the use of flammable liquids or gases or where flammable or combustible finishes are applied;
- c. Mercantile occupancy;
- d. Institutional occupancy;
- e. Multifamily residential occupancy;
- f. Educational occupancy;
- g. Business occupancy; or
- h. Storage occupancy.

3. **Exceptions.** The requirements of the foregoing paragraph 2 shall not apply where the use or occupancy: (1) is the same as it was prior to the amendment of this section effective on February 15, 1977; (2) has continued without change or, if there has been a change, the change does not increase the hazard to life or property; and (3) does not constitute a distinct hazard to life or property as determined by the Fire Chief. (Prior code § 26.17)

4. **Terms.** The terms used in this section shall have the same meanings as those terms have in the Fire Prevention Code and the Life Safety Code adopted by this chapter.