

Winnetka Village Council
Regular Meeting
Village Hall
510 Green Bay Road
Tuesday, June 19, 2012
7:30 p.m.

Emails regarding any agenda item are welcomed. Please email contactcouncil@winnetka.org, and your email will be relayed to the Council. Emails for the Tuesday Council meeting must be received by Monday at 4 p.m. Any email may be subject to disclosure under the Freedom of Information Act.

AGENDA

- 1) Call to Order
- 2) Pledge of Allegiance to the Flag
- 3) Quorum
 - a) July 3, 2012 Council Meeting (**Cancelled**)
 - b) July 10, 2012, Special Meeting and Study Session
 - c) July 17, 2012, Regular Meeting
- 4) Approval of Agenda
- 5) Consent Agenda
 - a) Village Council Minutes:
 - i) May 8, 2012, Study Session.....2
 - b) Warrant Lists Nos. 1753 and 17545
 - c) Resolution R-26-2012: Department Head Salaries – Adoption.....6
 - d) Resolution R-27-2012: Manager Salary – Adoption9
- 6) Stormwater Update – None.
- 7) Ordinances and Resolutions
 - a) Ordinance MC-4-2012: Updated Building Codes – Introduction.....10
 - b) Resolution R-28-2012: Pension Reform – Adoption.....87
- 8) Public Comment
- 9) Old Business: None.
- 10) New Business: None.
- 11) Reports
- 12) Appointments
- 13) Executive Session
- 14) Adjournment

**MINUTES
WINNETKA VILLAGE COUNCIL STUDY SESSION**

May 8, 2012

(Approved: xx)

A record of a legally convened meeting of the Council of the Village of Winnetka, which was held in the Village Hall Council Chambers on Tuesday, May 8, 2012, at 7:30 p.m.

- 1) Call to Order. President Tucker called the meeting to order at 7:35 p.m. Present: Trustees Arthur Braun, Stuart McCrary, Patrick Corrigan, Richard Kates, and Jennifer Spinney. Absent: Trustee Jack Buck. Also in attendance: Village Manager Robert Bahan, Village Attorney Katherine Janega, Finance Director Ed McKee, Chief of Police Patrick Kreis, Fire Chief Alan Berkowsky, Director of Water & Electric Brian Keys, Community Development Director Mike D'Onofrio, Public Works Director Steve Saunders, and approximately 5 persons in the audience.
- 2) Village Council Orientation. Village Manager Robert Bahan and Village Attorney Katherine Janega gave a PowerPoint presentation, explaining the structure of the Village's government and administration.

Attorney Janega explained the Village's status as a Home Rule unit, which allows for a broader range of powers and more flexibility for the Council to act for benefit of the community, except in cases where their authority is preempted by the State. She briefly reviewed the different forms of municipal government, described the powers of the chief executive, chief administrator and the corporate authorities, and explained that the Council's role is one of governance, while the Manager is the administrator of the Council's policies.

Manager Bahan gave a brief history of the council-manager form of government. He said in 1915, Winnetka became the second village in Illinois to adopt this form of government, and Winnetka's first Village Manager, E.F. Woolhiser, served from 1917 to 1951. He quoted Mr. Woolhiser as listing among the benefits of this form of government that it relieves the Council members of the burdens of administration, and leaves the Council's time free to consider important issues of general policy.

Manager Bahan reviewed the powers of the Village President, Village Council and Village Manager, and he explained that the Council makes policy, while Village Staff develops background information for them. He said the policy-making process involves the Council, Village Manager and Staff, and described the progression for this process: (i) staff collects relevant data and information for the Council; (ii) the Council sifts through the information and boils down the facts; and (iii) the Council takes action.

Manager Bahan reviewed the role of advisory bodies in policy formation, listed the different boards and commissions, and explained the Council's relationship with those bodies.

Attorney Janega then reviewed the hierarchy of policy statements, beginning with a simple motion and ending with a Village Code amendment. She also explained that the Village Council may sometimes act in a quasi-judicial role, such as in adjudicating an individual's rights at an evidentiary hearing, hearing an appeal from a lower board, or holding an ethics hearing.

Attorney Janega reviewed the issue of ethics and conflicts of interest, and clarified the instances when a Trustee is speaking for him/herself, when they are speaking for the Village, and when they are speaking for their constituents.

Manager Bahan commented that residents may contact Council members fairly often, sometimes in an attempt to have old issues resurrected, and he asked the Trustees to communicate with Village staff to get the context of the issue or to give them a chance to resolve the problem.

Attorney Janega continued by discussing the difference between an actual and an apparent conflict of interest, and explained that disclosure of any potential conflict should be done at the earliest possible time. To maintain transparency and public confidence in the Council's decisions.

Trustee Spinney encouraged the new Trustees to call or visit Attorney Janega if they had any questions about conflicts of interest, and recommended listening to her counsel on this issue.

President Tucker stressed the need for guidance from the Village Attorney if any question about ethics arises, and she added that several years ago, the Council tightened up its Ethics Ordinance at the urging of the Winnetka Caucus.

Attorney Janega next reviewed the provisions of the Illinois Open Meetings Act, explaining that whenever a majority of a quorum of the Council (3 Council members) is gathered, they cannot discuss Village business or they will be in violation of the Act.

In answer to a question from Trustee Kates, Attorney Janega advised being judicious when making a public comment at a lower board meeting.

President Tucker recommended leaving the advisory bodies to do their jobs without input from Trustees, but added that a body like the BCDC welcomes all participation. She requested that any Trustee planning to attend an advisory body's meeting notify Manager Bahan so he can contact the Chair of the committee as a courtesy, to avoid giving the impression that the Council is second-guessing them.

Attorney Janega also recommended staying away from advisory body's meetings on matters that will come before the Council, since it appears to separate one Trustee from the rest of the Council, and the intent of the process is for the Council to receive advisory recommendations as a unit, which keeps the channel of communication uniform and protects the integrity of the Council's decisions.

Attorney Janega discussed Council communications, explained that following the guidelines would limit liability and confidentiality concerns, and encouraged the Council to use the Village's e-mail system rather than personal e-mail, for ease of searching in the event a Freedom of Information Act (FOIA) request is received. She explained that the attorney-client privilege is limited for public bodies and recommended phone communications over e-mail, as the Council's e-mails are considered public records under FOIA.

Manager Bahan said the rest of the Council Handbook contains information about each of the Village's operating departments, and that the Council's operating procedures are in Appendix B. He explained that the consent agenda approves routine business with one vote to expedite meetings, but any Council member can remove an item from the consent agenda

for discussion if they so desire. He suggested calling if there is any question about a consent agenda item, in an effort to clear up the issue beforehand and avoid removing it at meeting time.

Manager Bahan described the process for requests for information from Staff and requested that the Trustees contact him if they have a large request, so he can oversee management of the work and the timeframe. He said he and President Tucker are typically the media relations contacts, and advised the Trustees not to let reporters harass them.

Attorney Janega briefly addressed basic land use concepts, explaining that land use is a balancing act between private rights and public interest, and recommended reading Section 9 in the Council Handbook and calling her with any questions.

- 3) Adjournment. The meeting adjourned at 9:35 p.m.

Recording Secretary

AGENDA REPORT

TO: Village Council
FROM: Robert M. Bahan, Village Manager
DATE: June 15, 2012
SUBJECT: **Warrant Lists Nos. 1753 and 1754**

Warrants Lists Nos. 1753 and 1754 are enclosed in each Council member's packet.

Recommendation: Consider approving Warrants Lists Nos. 1753 and 1754.

AGENDA REPORT

TO: Village Council
FROM: Robert M. Bahan, Village Manager
DATE: June 14, 2012
SUBJECT: Resolution Nos. R-26-2012 and R-27-2012 – Approving and Establishing Salaries for the Department Heads and Village Manager

Attached hereto are Resolutions R-26-2012 and R-27-2012, which approve and establish the salaries for the Department Heads and Village Manager, respectively, effective April 1, 2011 through October 1, 2012.

Recommendation:

1. Consider adoption of Resolution R-26-2012
2. Consider adoption of Resolution R-27-2012

**A RESOLUTION
APPROVING AND ESTABLISHING
THE SALARIES OF DEPARTMENT HEADS
EFFECTIVE APRIL 1, 2011**

BE IT RESOLVED by the Council of the Village of Winnetka, Cook County, Illinois, as follows:

SECTION 1: In accordance with the sections of the Winnetka Village Code referenced in the table below, the Village Council hereby approves and establishes the following monthly base salaries for the department heads.

| | Monthly Salary Effective April 1, 2011 | Monthly Salary Effective April 1, 2012 | Monthly Salary Effective October 1, 2012 |
|---|---|---|---|
| Alan Berkowsky (Fire Chief, WVC 2.52.030.B) | \$ 10,208.33 | \$10,310.42 | \$10,413.52 |
| Michael D’Onofrio (Community Development Director WVC §2.44.030.B) | \$ 10,989.90 | \$ 11,099.80 | \$ 11,210.79 |
| Katherine S. Janega (Village Attorney WVC §2.28.010.B) | \$ 13,519.17 | \$ 13,654.36 | \$ 13,790.90 |
| Brian L. Keys (Water & Electric Director WVC §2.68.010.C) | \$ 11,093.95 | \$ 11,204.89 | \$ 11,316.94 |
| Patrick Kreis (Chief of Police WVC §2.60.030.B) | \$ 11,131.25 | \$ 11,429.33 | \$ 11,572.20 |
| Edward F. McKee, Jr. (Finance Director WVC §2.48.010.D) | \$ 12,474.73 | \$ 12,599.48 | \$ 12,725.47 |
| Steven M. Saunders (Director of Public Works WVC §2.64.010.C) | \$ 12,315.98 | \$ 12,439.14 | \$ 12,563.53 |

SECTION 2: In addition to the salaries established in Section 1 of this resolution, and in addition to all other compensation and benefits paid to each of the department heads listed in Section 1 of this resolution (the “Department Heads”), including all other benefits available

generally to Village employees, each of the Department Heads shall be entitled to an annual, lump sum payment of \$2,500, which the Village Treasurer shall deposit, on behalf of each Department Head, into a qualified Internal Revenue Code Section 457 deferred compensation plan.

SECTION 3: This resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of article VII of the Illinois Constitution of 1970.

SECTION 4: This Resolution shall be in full force and effect upon its adoption as provided by law.

ADOPTED this 19th day of June, 2012, by the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Village President

Countersigned:

Village Clerk

**A RESOLUTION
APPROVING AND ESTABLISHING
CHANGES IN THE BASE SALARY OF THE VILLAGE MANAGER**

BE IT RESOLVED by the Council of the Village of Winnetka, Cook County, Illinois, as follows:

SECTION 1: In accordance with Section 2.12.040 of the Winnetka Village Code and Section 5 of the Employment Agreement between the Village of Winnetka and Robert M. Bahan, Village Manager, which was approved by the Village Council on September 29, 2010, the Village Council hereby approves and establishes the following changes to the monthly base salary of the Village Manager:

| | Current Monthly Salary | Monthly Salary Effective April 1, 2012 | Monthly Salary Effective October 1, 2012 |
|-----------------|-------------------------------|---|---|
| Robert M. Bahan | \$ 15,000.00 | \$ 15,150.00 | \$15,301.50 |

SECTION 2: Except for the salary adjustments made pursuant to this Resolution, all provisions of the above-referenced Employment Agreement remain in full force and effect, without change.

SECTION 3: This resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of article VII of the Illinois Constitution of 1970.

SECTION 4: This Resolution shall be in full force and effect upon its adoption as provided by law.

ADOPTED this 19th day of June, 2012, by the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Village President

Countersigned:

Village Clerk

AGENDA REPORT

TO: Village Council

PREPARED BY: Michael D'Onofrio, Director of Community Development

DATE: June 14, 2012

SUBJECT: Ordinance MC-4-2012 - Updated Building Codes

Introduction

Ordinance MC-04-2012 amends the Village's building, fire and safety codes to bring them up to date. Found primarily in Titles 8 and 15 of the Village Code, the Village's building, fire and life safety codes are drawn from model codes that are adopted by reference, and amended to meet the Village's unique circumstances. (The specific individual codes will be discussed in greater detail below. For ease of reference, however, they will be collectively referred to as the Village's Building Code.)

The Building Code update is necessary for several reasons.

First, the model codes that serve as the foundation for the Village's Building Code are promulgated on a three year cycle. This triennial cycle allows for new construction methods and technologies to be incorporated into the codes. Keeping the Building Code current not only provides a better safeguard for the health, safety and welfare of building occupants, but also allows building owners and contractors to use the latest in construction materials and methods.

Second, the Building Code can affect property insurance rates, as one of the rating factors the Insurance Services Office, Inc. (ISO) uses to determine property insurance rates is what building code a municipality operates under. An up-to-date Building Code is evidence that building and construction in the Village incorporates the latest methods and materials, and thus provides the greatest protection for persons and property.

Although Ordinance MC-4-2012 includes the adoption and amendment of 11 individual model codes, the Village's Building Code will not look much different than the one that is currently in force. Additionally, the proposed amendments to the model codes also are not that different from those in the current ones that are in effect. (No amendments are proposed for the Commercial Property Maintenance Code, which was just adopted in December of 2011.)

Use of Model Codes

A model code is a written set of regulations which provides a means for exercising reasonable control and consistency over construction, with local changes that may be desirable for local needs or to comply with local laws. Model codes address the design, installation, maintenance, alteration and inspection of various systems, including building, plumbing, mechanical, electrical and fire prevention.

Much of the building construction in the United States is regulated through a series of model codes now known as the International Codes. The author of the International

Codes is the International Code Council (ICC), which was established in 1994 as a nonprofit organization dedicated to developing a single set of comprehensive and coordinated national building codes. The ICC was created through the consolidation of three separate code organizations: the Building Officials and Code Administrators International, Inc. (BOCA), the International Conference of Building Officials (ICBO), and the Southern Building Code Congress International, Inc. (SBCCI). According to ICC, 97% of all municipalities in the United States have adopted some type of building code.

The Village uses model codes from two sources, the International Code Council (ICC), and the National Fire Protection Association (NFPA), and it is proposed to update the code based on the 2009 Edition of the ICC model codes and the 2010 NFPA models.

The Village's long established practice is to craft its Building Code by taking the model Codes, adopting them by reference, and then amending them by excluding, amending or adding provisions to make them consistent with Village policies and Illinois law.

Following is an example of how a model code relates to a building code:

105.7 Placement of permit (From International Building Code – Model).

The building permit or copy shall be kept on the site of the work until the completion of the project.

105.7 Posting of permit (As adopted in Village of Winnetka Code Section 15.32.180).

The building permit placard and all other permits issued for the work shall be prominently displayed in a conspicuous location that is visible from the street and shall be kept on site until the completion of the project.

The main purpose of all model and building codes is to protect the public health, safety and welfare. This purpose is achieved in several different ways. First, codes reduce potential hazards: safe buildings are achieved through proper design, construction and inspection practices that are regulated by building codes. Second, codes provide uniformity of requirements for the construction industry. Third, codes establish predictable and consistent construction standards, whether it be through construction methods, practices or materials.

As noted in the Introduction, another reason for updating the building code is to maintain the Village's ISO rating. Working on behalf of insurance companies around the country, ISO uses a Building Code Effectiveness Grading Schedule (BCEGS) in order to rate communities (grading is on a scale of 1-10, with 1 being the highest, 10 the lowest). The BCEGS program is an advisory insurance underwriting information and rating tool. After ISO conducted its grading of Winnetka last summer, we were informed that in order to maintain a Grade 4 rating the building code would have to be updated. ISO has given the Village until July 22, 2012 to have a new building code adopted.

Current Winnetka Building Codes

Currently, the Village of Winnetka operates under the following building codes:

- ICC International Building Code (IBC), 2003 Edition
- ICC International Residential Code for One and Two Family Dwellings(IRC), 2003 Edition
- International Mechanical Code, 2003 Edition
- International Fuel Gas Code, 2003 Edition
- National Electrical Code, 2002 Edition
- Illinois State Plumbing Code, 2004 Edition
- International Fire Code (IFC), 2003 Edition
- National Fire Protection Association (NFPA) 101 Life Safety Code, 1999 Edition
- National Fire Protection Association (NFPA) Publication 13, 1999 Edition
- National Fire Protection Association (NFPA) Publication 14, 1999 Edition

These codes were adopted by the Village in 2005 (Ord. MC -3-2005). The adoption included a number of amendments to the model building codes, and those amendments serve as the starting point for the amendments to the 2009 ICC series of codes.

Prior to adoption of Ordinance MC-3-2005, the Village operated under a previous iteration of a model codes series promulgated by BOCA which was the forerunner to ICC. Specifically, the Village operated under the 1996 Edition of the BOCA model codes, as well as National Electrical Code (NEC), 1996 Edition; State of Illinois Plumbing Code, 1993 Edition; NFPA Life Safety Code 1994 Edition; and, NFPA Publications 13 and 14 1996 Editions.

In order to meet the ISO Grade 4 rating and to keep current with construction methods and technologies after reviewing the model codes it is being recommended that the following codes be adopted:

- International Building Code (IBC), 2009 Edition - (Regulates construction on all buildings except for one and two family dwellings and townhouses not more than three stories)
- International Residential Code (IRC), 2009 Edition - (Regulates construction on detached one and two family dwellings and townhouses not more than three stories)
- International Mechanical Code (IMC), 2009 Edition - (Regulates the design, installation and maintenance of mechanical systems)
- International Fuel Gas Code (IFGC), 2009 Edition - (Regulates fuel gas distribution piping systems and gas fired appliances)
- International Energy Conservation Code (IECC), 2012 Edition - (Regulates the design of energy efficient residential and commercial buildings)

*IECC, 2012 Edition is being recommended for adoption, due to the fact that the State of Illinois is in the process of considering a law requiring that all municipalities adopt the most current edition of the IECC within one year of the date of publication; IECC, 2012 Edition was published in June 2011.

- International Fire Code (IFC), 2009 Edition - (Regulates conditions hazardous to life and property due to fire, explosion, hazardous material storage and building occupancy)
- National Electrical Code (NEC), 2008 Edition - (Regulates electrical installations in all buildings)
- Illinois State Plumbing Code, 2004 Edition - (Regulates plumbing installations in all buildings)
- National Fire Protection Association (NFPA), Life Safety Code 101, 2010 Edition - (Regulates building occupancies, means of egress and fire protection)
- National Fire Protection Association (NFPA), Publication 13, 2010 Edition - (Regulates installation of automatic sprinkler systems)
- National Fire Protection Association (NFPA), Publication 14, 2010 Edition - (Regulates installation of standpipes)

One of the ways that model codes further the protection of the public health, safety and welfare is that they provide uniformity of requirements for the construction industry. That is evidenced in this area, because neighboring municipalities also have adopted the ICC Codes. Following is a list of neighboring municipalities and the buildings codes under which they currently operate:

- Glencoe – ICC Code Series, 2009 Edition; NEC 2008 Edition; State of Illinois Plumbing Code, 2004 Edition; NFPA Life Safety Code 101, 2000 Edition.
- Wilmette – ICC Code Series, 2006 Edition; NEC 2005 Edition; State of Illinois Plumbing Code, 2004 Edition; Life Safety 101, 2006 Edition.
- Highland Park – ICC Code Series, 2009 Edition; NEC 2005 Edition; State of Illinois Plumbing Code, 2004 Edition; NFPA Life Safety Code 101, 2009 Edition.
- Northfield – ICC Code Series, 2006 Edition; NEC 2008 Edition; State of Illinois Plumbing Code, 2004 Edition; NFPA Life Safety Code 101, 2006 Edition.
- Deerfield – ICC Code Series, 2006 Edition; NEC 2005 Edition; State of Illinois Plumbing Code, 2004 Edition.
- Glenview - ICC Code Series, 2006 Edition; NEC 2005 Edition; State of Illinois Plumbing Code, 2004 Edition.
- Kenilworth - ICC Code Series, 2006 Edition; NEC 2005 Edition; State of Illinois Plumbing Code, 2004 Edition; ; NFPA Life Safety Code 101, 2000 Edition.

Village Amendments to Model Codes

The current Building Code contains a number of amendments to the model codes, and the proposed amendments in Ordinance MC-4-2012 continue the same policies. These

proposed amendments can be grouped into four general categories: administrative, technical, different codes adopted and policy. Following is an explanation of the four categories, with examples of proposed amendments.

ADMINISTRATIVE – (Changes to the administrative sections of the ICC model codes)

Title - Each of the model codes has a Section 101.1 Title, each of these sections is amended to state that "... these regulations shall be known as the Building Code of the Village of Winnetka..."

Enforcement Agency – Each one of the ICC Codes makes reference to the agency responsible for enforcing the code. All codes have been standardized to identify the Department of Community Development as the agency responsible for enforcement.

Appointment – The applicable codes have been amended to having the party responsible for appointing the building official (Director of Community Development) changed from the "chief appointing authority" to the Village Manager.

Appeals – The model codes have been amended to have all appeals of the codes to be heard by the Building and Zoning Board of Appeals (the body that is currently responsible for hearing such appeals).

DIFFERENT CODES ADOPTED - (Not all ICC model codes have been adopted and have been deleted entirely and other model codes have been substituted.)

Electrical – In the IBC and IRC codes, the NEC, 2008 Edition code has been substituted for the ICC Electrical Code. The NEC code is basis for the ICC Electrical Code and therefore the Village has always adopted the NEC as its electrical code.

Plumbing – In the IBC, IRC, IMC and IFGC codes, the State of Illinois Plumbing Code, 2004 Edition, has been substituted for the International Plumbing Code and the International Private Sewage Disposal Code. The State of Illinois requires that all work in Illinois be done in accordance with the State of Illinois Plumbing Code and that is why the state code has always been adopted by the Village and not the International Plumbing Code.

Property Maintenance – In the IBC reference is made to the provisions of the International Property Maintenance Code (IPMC). This section is deleted due to the fact that the IPMC is not being adopted. The Village has adopted the International Property Maintenance Code, 2009 Edition, but it has been amended to only apply to commercial properties and residential rental units in the commercial business districts.

TECHNICAL - (Additions and deletions to model codes made to address "Winnetka" related concerns.)

Annual Permits – The IBC and IRC model code allows for annual permits to be issued for plumbing, mechanical, gas and electric work. These sections of the codes have been deleted.

Permit Expiration – The IBC, IFC and IRC model codes allow a 180 day period for work to commence, or if work is suspended or abandoned for 180 days, then a permit is considered invalid. The model codes have been amended to reflect current policy which is as follows:

Three (3) months after the permit has been approved, or if there has not been substantial progress on the work within six (6) months, or is suspended, interrupted or abandoned for a period of three months after it has commenced. The building official is authorized to grant, in writing, one extension for up to nine (9) months.

Alarms – In the IBC model code fire alarm systems are prescribed by Use Groups. This section has been amended to eliminate all the Use Groups and replaced with the following:

An approved fire alarm system shall be provided in all use groups.

Exceptions

- a) 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.

Wood Foundations – The IBC and IRC model codes allow for wood foundations. The codes have been amended to prohibit these types of foundations.

Prefabricated Joists – Fire Protection – IBC model code has been amended to require a one hour rated assembly, or sprinkler system to be installed in cases where prefabricated wood joists are used in single family homes.

Water Service – The State of Illinois Plumbing Code has been amended as follows:

For all new construction, including new construction, additions and substantial remodeling a minimum 1 inch copper water service is required.

Location of Meters – The NEC model electrical Code has been amended as follows:

The location of outside meters for single family dwellings must be determined prior to installation by the Water and Electric Department.

Residential Sprinklers – The IRC and NFPA 101 Life Safety codes have both been amended to eliminate the sprinkler requirements for one- and two-family residences.

POLICY - (Amendments that incorporate existing policies and procedures into the codes.)

Surety Bond Requirement – The IBC and IRC model codes have been amended to require that a \$20,000 license and permit bond is required.

Stop Work Order Policy –The IBC and IRC model codes have been amended to revise the stop work order policy to reflect the current regulation which are as follows:

1st Stop Work Order - All work must cease until the violation has been abated and a \$250 stop work order fee is paid in full to the Department. In the case of early work, the work may resume at the permitted time and the stop work order fee must be paid within 7 days of the violation.

2nd Stop Work Order - A two (2) business-day stop work order is issued. Work may resume at the permitted hour on the third business day if the violation has been abated and the \$500 stop work order fee is paid in full to the Department.

3rd Stop Work Order - A three (3) business-day stop work order is issued. The general contractor/developer and any offending sub-contractors are issued citations to appear in the Circuit Court of Cook County. Work may resume on the fourth (4th) business day at the permitted hour if the violation has been abated and the \$750 stop work order fee has been paid to the Department.

Permit Revocation - All permits will be revoked and fees and deposits forfeited in the event that:

- 1) Three (3) Stop Work Orders are issued at a site in any 30 day period OR
- 2) Four (4) cumulative Stop Work Orders are issued at any one site during the duration of the project. Citations will be issued to appear in the Circuit Court of Cook County upon the issuance of a fourth Stop Work Order in addition to the revocation of the permits.

Work cannot resume until a new permit has been obtained. A new permit will require re-payment of all permit fees and will not be issued until the violation has been abated. The new permit will be issued with work hours being restricted to 8:30am-5pm Monday - Friday.

Third Party Approvals – The IBC model code allows for “third party” approval of new products or materials. The Village code currently only allows for either Underwriters Laboratories (UL) or Factory Mutual (FM) as a third party.

Existing Conditions/Nonconforming Installations – Both the State of Illinois Plumbing Code and NEC Electrical Code have been amended to require that “... all installation or materials discovered or revealed during remodeling, renovation, or other alteration projects, shall be corrected in accordance with this code.”

Barriers – The IBC model code has been amended to add the following:

If a permit is issued authorizes demolition, excavation and/or construction of a new structure the applicant shall erect a chain link fence not less than six (6) feet in height permanently secured in the ground around the site in a location and manner approved by the building official. The fence shall be installed before any work is commenced on the property, but not prior to the issuance of a permit 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 shall be closed and secured with a lock.

Conclusion

Staff believes that if the Council adopts the ICC Codes, 2009 Edition, along with the NFPA Codes and Publications, 2010 Editions, NEC Electrical Code, 2008 Edition and re-adoption of State of Illinois Plumbing Code, 2004 Edition, with the modifications shown in Ordinance MC-4-2012, the Village will be well equipped to regulate construction and ensure that all building is done in accordance with the most current construction practices, methods and materials and it will allow the Village to maintain its Grade 4 ISO rating.

Attachments

- | | |
|----------------------------|--|
| Ordinance MC-4-2012 | Red-lined draft showing areas of changes to current Code text |
| Ordinance MC-4-2012 | “Clean” draft , showing final wording of all affected provisions. |

Recommendation

Consider introduction of Ordinance MC-04-12 adopting the following codes by reference, as amended, as the building code of the Village of Winnetka:

- International Building Code (IBC), 2009 Edition
- International Residential Code (IRC), 2009 Edition
- International Mechanical Code (IMC), 2009 Edition
- International Fuel Gas Code (IFGC), 2009 Edition
- International Energy Conservation Code (IECC), 2012 Edition
- International Fire Code (IFC), 2009 Edition
- National Electrical Code (NEC), 2008 Edition
- Illinois State Plumbing Code, 2004 Edition
- National Fire Protection Association (NFPA), Life Safety Code 101, 2010 Edition
- National Fire Protection Association (NFPA), Publication 13, 2010 Edition
- National Fire Protection Association (NFPA), Publication 14, 2010 Edition
- National Fire Protection Association (NFPA), Publication 72, 2010 Edition

**AN ORDINANCE
ADOPTING UPDATED MODEL BUILDING, FIRE AND LIFE SAFETY CODES
FOR INCORPORATION INTO THE WINNETKA VILLAGE CODE**

WHEREAS, the Village of Winnetka is a home rule municipality in accordance with the Constitution of the State of Illinois of 1970; and

WHEREAS, the Village of Winnetka has the authority to adopt ordinances and to promulgate rules and regulations protecting the health, safety and welfare of its citizens; and

WHEREAS, the Council of the Village of Winnetka (“Village Council”) have reviewed amendments proposed by the Village staff to various provisions of Title 8 of the Winnetka Village Code, Health and Safety, and of Title 15 of the Winnetka Village Code, Building and Construction, to adopt and incorporate by reference updated model codes; and

WHEREAS, the proposed updating of Titles 8 and 15 includes the adoption by reference of the 2009 editions of the International Building Code, the International Fire Code, the International Residential Code for One- and Two-Family Dwellings, the International Mechanical Code and the International Fuel Gas Code, the updating of fire and life safety codes, the continued adoption of the 2004 edition of the State of Illinois Plumbing Code and the 2008 edition of the National Electrical Code, all of which are sometimes hereinafter referred to collectively as the “Model Codes;” and

WHEREAS, copies of each of the foregoing Model Codes have been maintained on file in the office of the Village Clerk for at least 30 days prior to the effective date of this ordinance; and

WHEREAS, the Village Council have determined that the comprehensive amendments proposed by the Village staff will benefit the public health, safety and welfare by assuring that all construction activity in the Village of Winnetka is performed pursuant to the most recent nationally recognized standards; and

WHEREAS, the Village Council have further determined that the comprehensive amendments will facilitate the administration of regulations pertaining to construction activity in the Village of Winnetka due to the reorganization and consolidation of all administrative procedures pertaining to the regulation of construction activity; and

WHEREAS, this Ordinance is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers under Article VII, Section 6 of the Illinois Constitution of 1970.

NOW, THEREFORE, the Council of the Village of Winnetka do ordain:

SECTION 1: The foregoing recitals are hereby incorporated as the findings of the Council of the Village of Winnetka, as if fully set forth herein.

SECTION 2: Section 8.04.010, “General requirements for automatic alarm and fire detection systems and smoke detectors,” of Chapter 8.04, “Security and Fire detection Systems, of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.04.010 General requirements for automatic alarm and fire detection systems, and smoke detectors.

A. Automatic alarm and fire detection systems. All automatic alarm and fire detection systems shall be subject to the provisions of this Chapter 8.04. In addition, except as provided in Section 15.16.050(B) of this code, all automatic alarm and fire detection systems shall be installed in accordance with the standard set forth in NFPA Publication 72, National Fire Alarm Code, ~~1996-2010~~ Edition, in any building used for an occupancy described in subsections ~~(A)(2)(a) through (A)(2)(g) (B)(1) through (B)(7)~~ of Section 15.16.050 of this code.

B. Smoke detectors. Residential smoke detectors shall be supplied and installed in accordance with the “Illinois Smoke Detector Act,” 425 ILCS 60/1, et seq., except that an approved smoke detector shall also be installed in each sleeping room. As used in the Illinois Smoke Detector Act, the term “substantially remodelled” means the installation of new electrical wiring throughout the dwelling unit regardless of the cost of such wiring, and any work to repair, restore, renovate, remodel or increase the size of a dwelling unit if the cost of such work exceeds fifty (50) percent of the value of the existing dwelling unit. Notwithstanding any exceptions stated in the Illinois Smoke Detector Act to the contrary, the smoke detectors required for any newly constructed addition to a dwelling unit shall be permanently wired into the addition's AC power line, and if more than one detector is required to be installed in the addition, the detectors shall be wired so that the actuation of one detector will actuate all the detectors in the addition.

C. Exception to fire detection system requirement. No automatic fire detection system shall be required in any room or portion of a building which is equipped with an approved installation of an automatic fire extinguishing system except where it is determined by the Fire Chief that early warning is necessary for life safety.

(Ord. MC-228-99 § 7 (part), 1999: prior code § 24.01)

D. Emergency key access requirement. The owner of any building or structure that is not a single-family or two-family dwelling and that is protected by an automatic sprinkler system and/or an automatic fire detection system shall purchase, install and maintain an emergency key access system consisting of a locked box of a type and in a location prescribed by the fire chief. The key box shall contain:

1. Keys to locked points of ingress whether on the interior or exterior of such building or structure;
2. Keys to locked mechanical equipment rooms;

3. Keys to locked electrical equipment rooms;
4. Keys to elevator controls;~~and~~
5. Keys to the fire alarm equipment; and
6. Keys to other areas as directed by the fire chief.

(Ord. MC-2-2011, 2/15/11; Ord. MC-1-2005 § 2, 2/15/05)

SECTION 3: Subsection D of Section 8.04.020, “Definitions,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

D. Direct connection system. “Direct connection alarm” means an alarm system that is connected directly ~~to, via a leased telephone line or~~ an approved Village radio receiver, to an alarm receiving panel located in the Village's Public Safety Building at 410 - 428 Green Bay Road. No digital dialer alarm shall be considered a direct connection alarm.

SECTION 4: Section 8.04.050, “Impermissible alarm devices,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.04.050 Impermissible alarm devices.

A. No person shall install or allow to exist on any alarm system:

1. Any device that produces a sound or visual display similar to sirens or lights of emergency public safety vehicles of the Village or emergency warning system (civil defense) sirens; or
2. Any device (except a fire alarm) not equipped with an automatic shutoff that will deactivate sound or visual display within ten (10) minutes of the commencement of any alarm.

B. No person shall install any device that automatically contacts the Police or Fire Department and uses or reproduces any recorded message to summon Police or Fire Department response, except that an elevator auto-dialer emergency communication system that is required by ANSI 17.1 or 17.3 Standards shall be permitted.

(Ord. MC-228-99 § 7 (part), 1999; prior code §§ 4.10, 24.05)

C. No person shall install any type of digital dialer alarm that dials into the Police Department alarm system receiver.

(Ord. MC-2-2011, 2/15/2011; Ord. MC-06-2004 § 3, 05/04/2004)

SECTION 5: Subsection B of Section 8.04.060, “Inspections, responses and false alarms,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

B. Inspections required. All fire, smoke and carbon monoxide alarms shall be subject to inspections inspected by the Fire Department. All other alarms shall be inspected by the Police Department.

SECTION 6: Subsection A of Section 8.04.080, “False alarm fee procedures,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

A. Notice of False Alarm Fee. The Chief of Police, ~~or the Fire Chief,~~ or the designee of either Chief, upon determining that a false alarm has occurred, shall give written notice to the alarm system user that a false alarm has occurred at the premises, and, shall bill the alarm system user pursuant to the schedule of false alarm fees provided in Section 8.04.070, ~~shall bill the alarm system user accordingly.~~

SECTION 7: Subsection A of Section 8.08.010, “Storage of flammable or combustible liquids,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

A. No more than five gallons of gasoline or other Class I or II flammable or combustible liquids may be stored on private premises for personal or private use. Such liquids shall be stored in an approved container of safety type, removed from flame or open fire, in a room or space with good ventilation. Such liquids shall, if possible, be stored in a garage or out-building, and shall not be stored in any cellar, stairwell, basement or pit. No Class I or II flammable or combustible liquids may be stored in a motor vehicle that has not been approved for transporting such products, except in the vehicle's own manufactured fuel tank.

SECTION 8: Section 8.08.020, “Storage of liquified petroleum gas,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.08.020 Storage of liquified petroleum gas.

A. Storage of liquified petroleum gas is prohibited within the fire limits as established in Section ~~15.32.140~~ 15.44.090 of this code.

B. Storage of liquified petroleum gas outside of the fire limits shall be prohibited on any premises except those used for residential occupancies.

C. The maximum capacity of a container for storage of liquified petroleum gas on any premises in the Village shall be two thousand (2,000) gallons, water capacity.

D. No container for liquified petroleum gas shall be installed with any part of it below the ground surface.

E. The outside storage of liquified petroleum gas containers pending their use, sale or resale, including containers stored outside as part of a cylinder exchange program, shall not exceed a combined total of 120 gallons (twenty-four 25-pound cylinders), water capacity.

(Prior code § 26.03)

SECTION 9: Section 8.08.030, “Outdoor fires,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby repealed.

SECTION 10: Section 8.08.170, “Posting capacity of places of assembly,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.08.170 Posting capacity of places of assembly.

Each place of assembly having a capacity of ~~two hundred (200)~~ fifty (50) or more persons shall have a sign posted in a conspicuous place specifying the maximum number of persons that may be permitted within the room at any one time. The sign shall be not less than ten (10) inches by six (6) inches with one-inch red letters on a white background and shall be maintained in a legible condition. ~~If the place of assembly is also used for the service of food, arrange so that food may be served in such place of assembly,~~ the notice shall specify both the number permitted for meeting purposes without tables and for dining room purposes with tables. The allowable capacities shall be determined by the Fire Chief in accordance with the rules and regulations for fire prevention and safety of the ~~state~~ State. ~~The sign shall be not less than ten (10) inches by six inches with one-inch red letters on a white background and shall be maintained in a legible condition.~~

(Prior code § 26.28)

SECTION 11: Section 15.08.010, “Adoption of Model Codes by reference,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is hereby amended in its entirety, to provide as follows:

Section 15.08.010 Adoption of Model Codes by Reference.

The model codes described in the following subsections A through G 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, ~~2003-2009~~ Edition.

B. International Residential Code for One- and Two-Family Dwellings, ~~2003-2009~~ Edition.

C. International Mechanical Code, ~~2003-2009~~ Edition.

D. International Fuel Gas Code, ~~2003-2009~~ 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, ~~2002-2008~~ Edition.

G. International Fire Code, ~~2003-2009~~ Edition. (See Chapter 15.16)

H. International Property Maintenance Code, 2009 Edition.

I. International Energy Conservation Code, 2012 Edition.

(MC-7-2011, Amended, 12/6/2011; MC-3-2005, Amended, 06/21/2005; MC-13-2004, Amended, 12/07/2004)

SECTION 12: Section 15.08.020, “Amendments to the International Building Code of 2003,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.08.020 Amendments to the International Building Code, ~~2003-2009~~ Edition.

A. **Exclusions.** The following provisions of the International Building Code, ~~2003-2009~~ 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. ~~101.4.4 101.4.5~~ **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. ~~5.~~ **105.7 Placement of permit.** (Superseded by Section 15.32.180 of the Village Code.)

~~6. **105.8 Surety Bond Requirement.** (Superseded by Section 15.32.060 of the Village Code.)~~

~~7. **106.2 Site plan.** (Superseded by section 15.32.050 of the Village Code.)~~

10. **107.2 Construction documents.** (Superseded by Section 15.32.050 of the Village Code.)

11. ~~8.~~ ~~106.3.1~~ **107.3.1 Approval of construction documents.** (Superseded by Sections 15.32.090 and 15.32.100 of the Village Code.)

12. ~~9.~~ ~~108.2~~ **109.2 Schedule of permit fees.** (Superseded by Section 15.32.020 of the Village Code.)

13. ~~10.~~ ~~108.4~~ **109.4 Work commencing before permit issuance.** (Superseded by Section 15.32.010 of the Village Code.)

14. ~~11.~~ ~~108.6~~ **109.6 Refunds.** (Superseded by Section 15.32.030 of the Village Code.)

~~12. **109.3.10 Final inspection.** (Superseded by Section 15.32.160 of the Village Code.)~~

~~13. **110.3 Temporary occupancy.** (Superseded by Section 15.36.010 of the Village Code.)~~

15. ~~14.~~ **907.2.1 through 907.2.9 Use groups.**

16. **1807.1.4 Permanent wood foundation systems.**

17. ~~15.~~ ~~1805.4.5~~ **1809.12 Timber footings.**

~~16. **1805.4.6 Wood foundations.**~~

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, 2003 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, ~~2003-2009~~ 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. **101.4.1 Electrical:** The provisions of the National Electrical Code, 2002 Edition, as adopted by reference as provided in this chapter Section 15.08, shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.~~

~~2. **3. 101.4.4 Plumbing.** The provisions of the State of Illinois Plumbing Code, 2004 Edition, as adopted by reference as provided in this chapter Section 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 Section 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.~~

~~4. **5. 103.1 Creation of enforcement agency.** The Department of Community Development is 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.~~

~~5. **6. 103.2 Appointment.** The building official shall be appointed by the Village Manager.~~

~~6. **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.

~~7.~~ **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.

~~8.~~ **9.—105.2 Work exempt from permit.** Permits shall not be required for the following work. ~~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.~~

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 accessory to a detached one and two family residential dwellings, as applicable in Section 101.2, which 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.

~~9.~~ ~~10.~~ ~~107.2.2~~ ~~106.1.1.1~~ **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, ~~2003-2009~~ Edition;.

~~11. 106.3.2 Previous approvals.~~ ~~This code shall not require changes in the construction documents, the construction or the designated occupancy of a structure for which a lawful permit has heretofore been issued or otherwise lawfully authorized, and for which construction has been pursued in good faith within six months after the effective date of this code and has not been abandoned.~~

~~12. 107.3 Temporary power supply. The building official is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the National Electrical Code 2002 Edition, and in Section 13.08.210 and Section 15.32.140(D)(3) of the Village Code.~~

~~10. 13. 113.21 112.1~~ **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.

~~11. 14. 115.2.1 114.2.1~~ **Stop work order policy.** The issuance of stop work orders shall be subject to the enforcements provisions set forth in Chapter 15.04 of the Village Code.)

~~12. 15. 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.

~~13. 903.3.5~~ **Water supplies.** Water supplies for automatic sprinkler systems shall comply with this section and the standards reference 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.

~~14. 16. 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.

~~15. 17. 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 ~~every the~~ building.

~~16. 18. 903.4.2.2~~ **Test Valves.** Fire sprinkler system inspector test valves shall be accessible at all times and shall 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.

~~17. 19. 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.

~~18. 20.~~ **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.

~~19. 21.~~ **903.7 Hydraulic nameplate.** By each hydraulically calculated area, on each drawing, provide a copy of the hydraulic nameplate.

~~20. 22.~~ **903.8 NFPA standards.** The ~~appendixes~~ appendices of all NFPA standards are to be considered as part of each standard and are considered a “shall” requirement and not “should” information.

~~21. 23.~~ **903.9 Fire alarm systems.** All fire alarm systems shall be of the addressable type and shall be installed per ~~NFPA 72, 1999~~ NFPA 13, 2010 Edition.

~~22. 24.~~ **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.

~~23. 25.~~ **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.

~~26. 903.3.5 Water supplies.~~ ~~Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the 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.~~

~~24. 27.~~ **907.2 Where required.** An approved ~~manual~~ 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 annunciator shall be keyed or under a protective plastic locked cover to prevent tampering.

25. 907.2.11.1.4 Group R-1. Smoke detectors shall be installed at the top of every stairwell used for exiting.

26. 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.

~~27. 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.

~~28. 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.

~~29. 30.~~ **2603.2.1 Third Party Approval.** No foam plastic insulation shall be unless it has been approved by a nationally recognized independent testing agency, such as Underwriters Laboratories or Factory Mutual.

~~30. 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 ~~off 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.

(MC-7-2011, Amended, 12/6/2011; MC-5-2009, Amended, 05/05/2009; MC-03-2005, Added, 06/21/2005)

SECTION 13: Section 15.08.030, “Amendments to the International Residential Code for One- and Two-Family Dwellings, 2003 Edition,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.08.030 Amendments to the International Residential Code for One- and Two-Family Dwellings, ~~2009 2003~~ Edition

A. **Exclusions.** The following provisions of the International Residential Code for One- and Two-Family Dwellings, ~~2009 2003~~ 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 Surety Bond Requirement.** (Superseded by Section 15.32.060 of the Village Code.)~~

~~6. **108.6 Refunds.** (Superseded by Section 15.32.030 of the Village Code.)~~

7. ~~108.6~~ **108.4 Work commencing before permit issuance.** (Superseded by Section 15.32.010 of the Village Code.)

~~8. **108.6 Refunds.** (Superseded by Section 15.32.030 of the Village Code.)~~

~~8. 9.~~ ~~109.1.6~~ ~~109.3.10~~ **Final inspection.** (Superseded by Section 15.32.160.)

~~9. 10.~~ **110.4 Temporary occupancy.** (Superseded by Section 15.36.010 of the Village Code.)

~~10. 11.~~ **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. **1003.12 Mantel and trim.** Woodwork or other combustible materials shall not be placed within 6 inches on either side of a fireplace opening or 12 inches above a fireplace opening. No combustible mantel shall be installed less than 21 inches from the top of the fireplace opening.~~

~~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 2003~~-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 2003~~-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 and attached single-family dwellings (townhouses) that are not more than three stories in height and that have a separate means of egress and 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 ~~is~~ 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 accessory to a detached one- and two-family residential dwellings, as applicable in Section 101.2, which are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18,925 ~~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. Gas:~~

~~i) Portable heating, cooking or clothes drying appliances.~~

~~ii) Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.~~

~~iii) Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.~~

c. Mechanical:

i) Portable heating appliance.

ii) Portable ventilation appliances.

iii) Portable cooling unit.

iv) Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

v) Portable evaporative cooler.

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 enforcements 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. ~~11.~~ **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.

~~12. **309.2 Separation required.** The garage shall be separated from the residence and its attic area by not less than 1/2 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 1/2 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.~~

13. **316.6 ~~314.3~~ Specific approval.** ~~Plastic foam-Foam plastic~~ not meeting the requirements of Sections R316.3 through R316.5 R314.1 and R314.2 may be specifically approved on the basis of one of the following approved tests: ASTM E 84, FM 4880, UL 1040, NFPA 286, ASTM E 152, or UL 1715, 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. ~~The specific approval may be based on the end use, quantity, location and similar considerations where such tests would not be applicable or practical.~~ 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. 403.1 General. All exterior walls shall be supported on continuous solid or fully grouted masonry or concrete footings, wood foundations, or other approved structural systems which shall be of sufficient design to accommodate all loads according to Section R301 and to transmit the resulting loads to the soil within the limitations as determined from the character of the soil. Footings shall be supported on undisturbed natural soils or engineered fill. All footings shall have a minimum of two (2) Number Five (5) reinforcement bars that shall be placed at the perimeter of all concrete monolithic slabs with integral footings~~

~~14. 15. 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 provisions of this section and~~ 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, R404.1.4~~, 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. 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.

~~16. 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).

~~17. 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, (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.

~~18. 19.~~ **Part VIII — Electrical.** The provisions of the National Electrical Code, ~~2008 2002~~ Edition, as adopted by reference ~~and amended as provided~~ in this ~~chapter Section Chapter~~ 15.08, shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

(MC-5-2009, Amended, 05/05/2009; MC-3-2005, Added, 06/21/2005)

SECTION 14: Section 15.08.040, “Amendments to the International Mechanical Code, 2003 Edition,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.08.040 Amendments to the International Mechanical Code, ~~2009 2003~~ Edition.

A. **Exclusions.** The following provisions of the ~~2009 2003~~-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 2003~~-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 2003~~-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 ~~is~~ 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 enforcements 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, NEC-2002~~, National Electrical Code ~~2008 2002~~ Edition.

(MC-5-2009, Amended, 05/05/2009; MC-3-2005, Added, 06/21/2005)

SECTION 15: Section 15.08.050, “Amendments to the International Fuel Gas Code” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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 2003 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 2003 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 2003 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 ~~is~~ 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, NEC-2002~~, National Electrical Code ~~2008, 2002~~ Edition

(MC-5-2009, Amended, 05/05/2009; MC-3-2005, Added, 06/21/2005)

SECTION 16: Section 15.08.060, “Amendments to the State of Illinois Plumbing Code, 2004 Edition” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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: Items 2, 5, 8 and 9:~~

~~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: Items 1 and 4:~~

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, 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 ~~of with~~ not less than 2 x 6 framing ~~at a minimum.~~

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. **Below grade construction.** Construction with basements, or with floors, rooms or occupancy areas below grade, shall comply with the provisions of section 15.20.060 of this chapter.~~

9. ~~10.~~ **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~~ 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 a 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.

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)

~~10.11.~~ 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.

(Prior code § 23.50)

(MC-3-2005, Added, 06/21/2005)

SECTION 17: Section 15.08.070, “Amendments to the National Electric Code, ~~2008~~ ~~2002~~ Edition” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.08.070 Amendments to the National Electric Code, ~~2008~~ ~~2002~~ Edition

A. **Exclusions.** The following provisions of the National Electric Code, ~~2008~~ ~~2002~~ 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. **80.2 Definitions.** The definition of Chief Electrical Inspector is deleted.~~
- ~~2. **80.15 Electrical Board.** Delete subsections (A) (B) (C) (D) (E) (F) and (H).~~
- ~~3. **80.19(D) Annual Permits.**~~
- ~~4. **80.19(F)(3) Inspections.**~~
- ~~5. **80.19(F)(4) Approvals.**~~
- ~~6. **230. II Overhead Service-drop conductors.**~~
- ~~7. **320 Armored Cable: Type AC.** Delete entire Article.~~
 - ~~1. **8. Article 322 Flat Cable Assemblies: Type FC.** Delete entire Article.~~
 - ~~2. **9. Article 324 Flat Conductor Cable: Type FCC.** Delete entire Article.~~
 - ~~3. **10. Article 334 Nonmetallic-sheathed Cable: Types NM, NMC and NMS.** Delete entire Article.~~
 - ~~4. **11. Article 338 Service-Entrance Cable: Types SE and USE.** Delete entire Article.~~
 - ~~5. **12. Article 340 Underground Feeder and Branch-Circuit Cable: Type UF.** Delete entire Article.~~
- ~~13. **360 Flexible Metallic Tubing: Type FMT.** Delete entire Article.~~

~~6. 14. Article 362 Electrical Nonmetallic Tubing: Type ENT. Delete entire Article.~~

~~7. 15. Article 394 Concealed Knob and Tube Wiring. Delete entire Article.~~

~~8. 16. Article 396 Messenger Supported Wiring. Delete entire Article.~~

~~9. 17. Article 547 Agricultural Buildings. Delete entire Article.~~

~~10. Article 550 Mobile Homes, Manufactured Homes, and Mobile Home Parks.~~

~~11. 18. Article 551 Recreational Vehicles and Recreational Vehicle Parks. Delete entire Article.~~

~~19. 552 Park Trailers. Delete entire Article.~~

~~12. 20. Article 553 Floating Buildings. Delete entire Article.~~

~~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, 2008-2002 Edition, are amended for adoption by the Village:

1. ~~90.0~~ ~~80.0~~ **Title.** These provisions shall be known as the Electric Code of the Village of Winnetka. As used in the National Electric Code, 2008-2002 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. **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.~~

~~2. **80.27(B)(3) Experience.** Be well versed in the National Electric Code 2002 Edition and the amendments hereto.~~

~~3. **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.~~

~~4. **110.14(A) Terminals.** Connection of conductors to terminal parts shall insure a thoroughly good connection without damaging the conductors and shall be made by means of pressure connectors (including set screw type), solder lugs, or splices to flexible leads. Connection by means of wirebinding screws or studs and nuts that have upturned lugs or the equivalent shall be permitted for 10 AWG or smaller conductors.~~

~~Terminals for more than one conductor, and terminals used to connect aluminum, shall be so identified.~~

~~No more than one (1) conductor shall be connected and/or installed to a single screw terminal on an electrical device,~~

~~2. **5. 200.11 200.10 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.~~

~~6. **210.8 Ground-Fault Circuit Interrupter Protection of Personnel—Pumps.** Sump pumps and ejector pumps shall be on a dedicated 20 amp circuit with a single head receptacle (not GFCI protected).~~

~~4. **7.—Section 210.52(G) 210.50(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. 8. 220.2(B)(11) Branch Circuit, Feeder and Service Calculations, Computations. 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. 9. 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. 10. 230. VI Service Equipment – Disconnecting Means.~~ All new single family detached ~~swellings-dwellings~~ shall have a minimum 200 amp single phase service with the main disconnect located at the meter.

~~8. 11. 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 between 48 ~~to and~~ 66 inches ~~as measured~~ from the adjacent finished grade.

~~9. 12. 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. 13. 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. 14. 408.31 Busbars.~~ Copper bus shall be used in switchboard, panel boards and meter socket enclosures containing more than four sockets.

~~12. 15. 410.16(C)(6) 410.8(D)(5)~~ **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. 16. 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 bathtubs 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 2002 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, 2002 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, and/or equipment, etc., 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 ~~1-1/2~~ inches deep and 3¾ ~~3-3/4~~ inches in diameter. Minimum size boxes for switch and receptacles shall be 1½ ~~1-1/2~~ 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. **Low Voltage Wiring – Residential.** Low voltage wiring for control, signaling, or communication systems shall be encased in a raceway throughout.~~

~~12. 13.~~ **Smoke Detectors.** In addition to other Village ~~village~~ requirements pertaining to smoke detectors, the following is required:

a. A dedicated circuit shall be provided, which ~~are to~~ shall be permanently wired into a dwelling units 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 ~~, which 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. 14. 1Installation 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 ~~the 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 ~~measures is forty-eight (48) inches high, inched~~ 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. 15.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.

(MC-5-2009, Amended, 05/05/2009; MC-3-2005, Added, 06/21/2005)

SECTION 18: Chapter 15.08, "Model Codes Adopted by Reference," of Title 15 of the Winnetka Village Code, "Buildings and Construction," is hereby amended by adding a new Section 15.08.090, which shall be titled "Amendments to the International Energy Conservation Code, 2012 Edition," and shall provide follows:

Section 15.08.060 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 provisions of the International 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 ordinance 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 order, 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.

SECTION 19: Section 15.16.010, “Adoption of Codes by Reference” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.16.010 Adoption of codes by reference.

A. **Adoption of codes by reference.** The model codes described in the following subsections ~~A through D-1 through 4~~ 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 2003~~-Edition.
2. National Fire Protection Association (NFPA) 101 Life Safety Code, ~~2009 2000~~ Edition, ~~specifically including all appendices and the standards referred to in the code.~~
3. Standards for the Installation of Automatic Sprinkler Systems, National Fire Protection Association (NFPA) Publication 13, ~~2010 1999~~-Edition.
4. Standards for the Installation of Standpipe and Hose Systems, National Fire Protection Association (NFPA) Publication 14, ~~2010 2000~~-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.

(MC-6-2010, § 2, Amended 10/5/2010; MC-3-2005, Amended, 06/21/2005)

SECTION 20: Section 15.16.020, “Fire Code” of Chapter 15.16, “Fire Prevention and Life Safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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

A. **Exclusions. Exclusions from International Fire Code, 2003 Edition.**—The following provisions of the International Fire Code, 2009 2003-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. Amendments to International Fire Code.**—The following provisions of the International Fire Code, 2009 2003-Edition are amended for adoption by the Village:

1. **101.1 Title.** These provisions shall be known as the Fire Code of the Village of Winnetka. As used in the International Fire Code, 2009 2003-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.

(MC-3-2005, Amended, 06/21/2005)

C. Additions. The International Fire Code, 2010 Edition, is further amended by adding the following new provisions:

1. 307.4.3 Outdoor fire places, grills, or barbecue pits.

a. Permanent outdoor fireplaces, grills and barbecue pits. The use of permanent outdoor fireplaces, grills or barbecue pits is permitted; provided that, the same are under continuous competent supervision and such fireplace, grill or barbecue pit is at least fifteen (15) feet from any building or fence.

b. Fire pits. No fire pit shall be used within ten (10) feet of any combustible material, or within ten (10) feet of any property line. No fire pit 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. The code official is authorized to order the extinguishment of a fire in a fire pit that is creating a hazardous or objectionable condition.

(Prior code § 26.11; §8.08.030)

2. 505.3 Premise identification – rear and side access. All buildings except for single 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. Any elevator installation shall be designed to accommodate an ambulance stretcher, in a horizontal position, plus two (2) attendants.

SECTION 21: Section 15.16.030, “Life Safety Code” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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. ~~Title.~~—The NFPA 101 Life Safety Code, ~~2009~~ 2000-Edition, shall be known as the Life Safety Code of the Village of Winnetka.

2. 1.3 Application. ~~B. Applicability of Life Safety Code.~~

1.3.1 ~~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 ~~2.~~—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.

~~C. Elevators. Any elevator installation shall be designed to accommodate an ambulance stretcher, in horizontal position, plus two attendants.~~

3. 7.2.1.4.2.1 E.—Exit Doors. Exit doors shall be installed to swing with exit travel, irrespective on 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)

(Prior code § 26.05)

SECTION 22: Section 15.16.040, “Standpipe and Hose Systems” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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

A. Amendments. The following provisions of the Standards 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 Standards for the Installation of Standpipe and Hose Systems, ~~2010~~ 2000-Edition, also known NFPA Publication 14, shall be known as Standpipe and Hose System Regulations of the Village of Winnetka.

2. B.—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~~ 2000-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 23: Section 15.16.050, “Automatic fire extinguishing systems” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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

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~~ 1999 Edition, also known NFPA Publication 13, shall be known as Automatic Sprinkler Regulations of the Village of Winnetka.

2. Applicability. ~~B. Automatic fire extinguishing systems required.~~ Except as provided in ~~subsection D 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~~ 1999-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. 1.~~—Assembly occupancy used for gathering together six or more persons;

~~b. 2.~~—Any occupancy where there is an activity involving the use of flammable liquids or gases or where flammable or combustible finishes are applied;

~~c. 3.~~—Mercantile occupancy;

~~d. 4.~~—Institutional occupancy;

~~e. 5.~~—Multifamily residential occupancy;

~~f. 6.~~—Educational occupancy; or

~~g. 7.~~—Business occupancy.

~~3. C.~~ **Exceptions.** The requirements of ~~the foregoing paragraph 2 subsection B of this section~~ 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. D.~~ **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.

SECTION 24: Subsection D of Section 15.32.050, “Applications for permit” of Chapter 15.32, “Construction Permits,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

D. Application for Permits for Plumbing Work. All plumbing work shall be performed by, and all applications for permits for plumbing work shall be made by, an Illinois licensed plumber, using forms provided by the Director. A copy of the plumber's license and permit bond shall be placed on file with the Director before any such permit application shall be accepted by the Village. In addition, for each plumbing permit a “Letter of Intent” stating which licensed plumber will be performing the plumbing work must be filed with the Department.

SECTION 25: Subsection F of Section 15.32.050, “Construction Documents,” of Chapter 15.32, “Construction Permits,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

F. Construction Documents.

1. General requirements. All applications for a permit shall be accompanied by no less than ~~six (6) two~~ sets of construction documents, two (2) of which shall be signed by the design professional. The construction documents shall include the site plan described in the

following subsection G, as well as a proposed construction schedule, the estimated total cost of the work proposed in the format required, and such other technical data or information as may be required by the Director or other building officer.

2. Signature and seal required. No permit application shall be accepted for approval consideration unless the construction documents bear the signature and seal of the appropriate design professional, registered in the state.

3. One- and two-family dwellings. Construction documents for one- and two-family dwellings shall be prepared by an Illinois registered design professional, except that the Director may waive such requirement if the Director determines that the proposed work is either for a minor accessory structure or for minor alterations not involving structural changes, and that the construction documents are sufficiently detailed to establish code compliance and meet all other requirements of this section.

SECTION 26: Section 15.32.170, “Foundation inspections – Spot survey,” of Chapter 15.32, “Construction Permits,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.32.170 Foundation inspections; ~~Surveys.~~–~~Spot survey.~~

A. Spot survey. A spot survey certified by an Illinois registered land surveyor to show the exact location on the lot and full dimensions of a structure's foundation shall be required for all new primary structures upon completion of the structure's foundation. In addition, the Director may require the owner to submit such a survey, upon the completion of a foundation if the Director determines that such survey is necessary for an accurate inspection of the foundation and its size and location. When a spot survey is required by the Director or this section, no further work shall be done, other than installing drain tile and waterproofing the foundation, until the foundation has been inspected and the spot survey has been approved by the Village. (Prior code § 23.25)

B. Floor elevation survey. A floor elevation survey prepared and certified by an Illinois registered land surveyor to show the exact elevations of all building floor and roof peaks shall be required for all new primary structures upon completion of framing of the structure. When a floor elevation survey is required by the Director or this section, no further work shall be done until the survey has been reviewed and approved by the Village.

SECTION 27: Section 15.44.010, “Numbering of buildings,” of Chapter 15.44, “Supplementary Standards and Requirements,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.44.010 Numbering buildings.

A. Base Lines. All lots or buildings located on north and south streets in the Village or on streets running in a northerly and southerly direction shall be numbered northerly from a line running east and west one thousand (1,000) feet south of and parallel with the south section line extended of Sections 21 and 22, Township 42 north, Range 13 east, of the third

P.M., Cook County, Illinois as a base line, beginning with number one and increasing towards the north or northerly.

All lots or buildings located on east and west streets in the Village or on streets running in an easterly and westerly direction shall be numbered westerly from a line running north and south two thousand (2,000) feet east of and parallel with the east section line extended of Sections 21 and 22, Township 42 north, Range 13 east, of the third P.M., Cook County, Illinois as a base line, beginning with number one, and increasing toward the west or westerly.

B. Assignment of Numbers. Numbers shall be assigned to lots and buildings as set forth in a Street Numbering Atlas on file in the office of the Director of Public Works. Such atlas is referred to and adopted and made a part of this section as fully as if set forth in full in this section. The even numbers shall be assigned to southerly and westerly sides of streets, and odd numbers to the northerly and easterly sides of streets.

The Director of ~~Public Works~~ Community Development shall assign to each lot or building its proper number and shall notify the owner or occupant.

C. Display of Numbers. Numbers assigned shall be displayed on the street side of each building by the owner or occupancy within thirty (30) days after notice from the Director of ~~Public Works~~ Community Development. The figures of building numbers shall be not less than three inches in height and of such character as to be distinctly and easily read and shall be placed in a conspicuous place on the street side of the premises to which they are assigned. (Prior code § 7.14)

SECTION 28: Copies of all Model Codes adopted by reference in this Ordinance shall continue to be maintained on file in the office of the Village Manager in the manner provided by law.

SECTION 29: This Ordinance is passed by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

SECTION 30: This Ordinance shall take effect immediately upon its passage, approval and posting as provided by law.

PASSED this ___ day of _____, 2012, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ___ day of _____, 2012.

Signed:

**AN ORDINANCE
ADOPTING UPDATED MODEL BUILDING, FIRE AND LIFE SAFETY CODES
FOR INCORPORATION INTO THE WINNETKA VILLAGE CODE**

WHEREAS, the Village of Winnetka is a home rule municipality in accordance with the Constitution of the State of Illinois of 1970; and

WHEREAS, the Village of Winnetka has the authority to adopt ordinances and to promulgate rules and regulations protecting the health, safety and welfare of its citizens; and

WHEREAS, the Council of the Village of Winnetka (“Village Council”) have reviewed amendments proposed by the Village staff to various provisions of Title 8 of the Winnetka Village Code, Health and Safety, and of Title 15 of the Winnetka Village Code, Building and Construction, to adopt and incorporate by reference updated model codes; and

WHEREAS, the proposed updating of Titles 8 and 15 includes the adoption by reference of the 2009 editions of the International Building Code, the International Fire Code, the International Residential Code for One- and Two-Family Dwellings, the International Mechanical Code and the International Fuel Gas Code, the updating of fire and life safety codes, the continued adoption of the 2004 edition of the State of Illinois Plumbing Code and the 2008 edition of the National Electrical Code, all of which are sometimes hereinafter referred to collectively as the “Model Codes;” and

WHEREAS, copies of each of the foregoing Model Codes have been maintained on file in the office of the Village Clerk for at least 30 days prior to the effective date of this ordinance; and

WHEREAS, the Village Council have determined that the comprehensive amendments proposed by the Village staff will benefit the public health, safety and welfare by assuring that all construction activity in the Village of Winnetka is performed pursuant to the most recent nationally recognized standards; and

WHEREAS, the Village Council have further determined that the comprehensive amendments will facilitate the administration of regulations pertaining to construction activity in the Village of Winnetka due to the reorganization and consolidation of all administrative procedures pertaining to the regulation of construction activity; and

WHEREAS, this Ordinance is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers under Article VII, Section 6 of the Illinois Constitution of 1970.

NOW, THEREFORE, the Council of the Village of Winnetka do ordain:

SECTION 1: The foregoing recitals are hereby incorporated as the findings of the Council of the Village of Winnetka, as if fully set forth herein.

SECTION 2: Section 8.04.010, “General requirements for automatic alarm and fire detection systems and smoke detectors,” of Chapter 8.04, “Security and Fire detection Systems, of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.04.010 General requirements for automatic alarm and fire detection systems, and smoke detectors.

A. Automatic alarm and fire detection systems. All automatic alarm and fire detection systems shall be subject to the provisions of this Chapter 8.04. In addition, except as provided in Section 15.16.050(B) of this code, all automatic alarm and fire detection systems shall be installed in accordance with the standard set forth in NFPA Publication 72, National Fire Alarm Code, 2010 Edition, in any building used for an occupancy described in subsections (A)(2)(a) through (A)(2)(g) of Section 15.16.050 of this code.

B. Smoke detectors. Residential smoke detectors shall be supplied and installed in accordance with the “Illinois Smoke Detector Act,” 425 ILCS 60/1, et seq., except that an approved smoke detector shall also be installed in each sleeping room. As used in the Illinois Smoke Detector Act, the term “substantially remodelled” means the installation of new electrical wiring throughout the dwelling unit regardless of the cost of such wiring, and any work to repair, restore, renovate, remodel or increase the size of a dwelling unit if the cost of such work exceeds fifty (50) percent of the value of the existing dwelling unit. Notwithstanding any exceptions stated in the Illinois Smoke Detector Act to the contrary, the smoke detectors required for any newly constructed addition to a dwelling unit shall be permanently wired into the addition's AC power line, and if more than one detector is required to be installed in the addition, the detectors shall be wired so that the actuation of one detector will actuate all the detectors in the addition.

C. Exception to fire detection system requirement. No automatic fire detection system shall be required in any room or portion of a building which is equipped with an approved installation of an automatic fire extinguishing system except where it is determined by the Fire Chief that early warning is necessary for life safety.

(Ord. MC-228-99 § 7 (part), 1999: prior code § 24.01)

D. Emergency key access requirement. The owner of any building or structure that is not a single-family or two-family dwelling and that is protected by an automatic sprinkler system and/or an automatic fire detection system shall purchase, install and maintain an emergency key access system consisting of a locked box of a type and in a location prescribed by the fire chief. The key box shall contain:

1. Keys to locked points of ingress whether on the interior or exterior of such building or structure;
2. Keys to locked mechanical equipment rooms;
3. Keys to locked electrical equipment rooms;

4. Keys to elevator controls;
5. Keys to the fire alarm equipment; and
6. Keys to other areas as directed by the fire chief.

(Ord. MC-2-2011, 2/15/11; Ord. MC-1-2005 § 2, 2/15/05)

SECTION 3: Subsection D of Section 8.04.020, “Definitions,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

D. Direct connection system. “Direct connection alarm” means an alarm system that is connected directly to an approved Village radio receiver, to an alarm receiving panel located in the Village's Public Safety Building at 410 - 428 Green Bay Road. No digital dialer alarm shall be considered a direct connection alarm.

SECTION 4: Section 8.04.050, “Impermissible alarm devices,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.04.050 Impermissible alarm devices.

A. No person shall install or allow to exist on any alarm system:

1. Any device that produces a sound or visual display similar to sirens or lights of emergency public safety vehicles of the Village or emergency warning system (civil defense) sirens; or
2. Any device (except a fire alarm) not equipped with an automatic shutoff that will deactivate sound or visual display within ten (10) minutes of the commencement of any alarm.

B. No person shall install any device that automatically contacts the Police or Fire Department and uses or reproduces any recorded message to summon Police or Fire Department response, except that an elevator auto-dialer emergency communication system that is required by ANSI 17.1 or 17.3 Standards shall be permitted.

(Ord. MC-228-99 § 7 (part), 1999; prior code §§ 4.10, 24.05)

C. No person shall install any type of digital dialer alarm that dials into the Police Department alarm system receiver.

(Ord. MC-2-2011, 2/15/2011; Ord. MC-06-2004 § 3, 05/04/2004)

SECTION 5: Subsection B of Section 8.04.060, “Inspections, responses and false alarms,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

B. Inspections required. All fire, smoke and carbon monoxide alarms shall be subject to inspections by the Fire Department. All other alarms shall be inspected by the Police Department.

SECTION 6: Subsection A of Section 8.04.080, “False alarm fee procedures,” of Chapter 8.04, “Security and Fire Detection Systems,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

A. Notice of False Alarm Fee. The Chief of Police, the Fire Chief, or the designee of either Chief, upon determining that a false alarm has occurred, shall give written notice to the alarm system user that a false alarm has occurred at the premises, and shall bill the alarm system user pursuant to the schedule of false alarm fees provided in Section 8.04.070.

SECTION 7: Subsection A of Section 8.08.010, “Storage of flammable or combustible liquids,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

A. No more than five gallons of gasoline or other Class I or II flammable or combustible liquids may be stored on private premises for personal or private use. Such liquids shall be stored in an approved container of safety type, removed from flame or open fire, in a room or space with good ventilation. Such liquids shall, if possible, be stored in a garage or out-building, and shall not be stored in any cellar, stairwell, basement or pit. No Class I or II flammable or combustible liquids may be stored in a motor vehicle that has not been approved for transporting such products, except in the vehicle's own manufactured fuel tank.

SECTION 8: Section 8.08.020, “Storage of liquified petroleum gas,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.08.020 Storage of liquified petroleum gas.

A. Storage of liquified petroleum gas is prohibited within the fire limits as established in Section 15.44.090 of this code.

B. Storage of liquified petroleum gas outside of the fire limits shall be prohibited on any premises except those used for residential occupancies.

C. The maximum capacity of a container for storage of liquified petroleum gas on any premises in the Village shall be two thousand (2,000) gallons, water capacity.

D. No container for liquified petroleum gas shall be installed with any part of it below the ground surface.

E. The outside storage of liquified petroleum gas containers pending their use, sale or resale, including containers stored outside as part of a cylinder exchange program, shall not exceed a combined total of 120 gallons (twenty-four 25-pound cylinders), water capacity.

(Prior code § 26.03)

SECTION 9: Section 8.08.030, “Outdoor fires,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby repealed.

SECTION 10: Section 8.08.170, “Posting capacity of places of assembly,” of Chapter 8.08, “Fire Safety Code,” of Title 8 of the Winnetka Village Code, “Health and Safety,” is hereby amended to provide as follows:

Section 8.08.170 Posting capacity of places of assembly.

Each place of assembly having a capacity of fifty (50) or more persons shall have a sign posted in a conspicuous place specifying the maximum number of persons that may be permitted within the room at any one time. The sign shall be not less than ten (10) inches by six (6) inches with one-inch red letters on a white background and shall be maintained in a legible condition. If the place of assembly is also used for the service of food, the notice shall specify both the number permitted for meeting purposes without tables and for dining room purposes with tables. The allowable capacities shall be determined by the Fire Chief in accordance with the rules and regulations for fire prevention and safety of the State.

(Prior code § 26.28)

SECTION 11: Section 15.08.010, “Adoption of Model Codes by reference,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is hereby amended in its entirety, to provide as follows:

Section 15.08.010 Adoption of Model Codes by Reference.

The model codes described in the following subsections A through G 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.

(MC-7-2011, Amended, 12/6/2011; MC-3-2005, Amended, 06/21/2005; MC-13-2004, Amended, 12/07/2004)

SECTION 12: Section 15.08.020, “Amendments to the International Building Code of 2003,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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, 2003 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. **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.

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. **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.

8. **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 accessory to a detached one and two family residential dwellings, as applicable in Section 101.2, which 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.

9. **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.

10. **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.

11. **115.2.1 Stop work order policy.** The issuance of stop work orders shall be subject to the enforcements provisions set forth in Chapter 15.04 of the Village Code.

12. **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.

13. **903.3.5 Water supplies.** Water supplies for automatic sprinkler systems shall comply with this section and the standards reference 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.

14. **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.

15. **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.

16. **903.4.2.2 Test Valves.** Fire sprinkler system inspector test valves shall be accessible at all times and shall 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.

17. **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.

18. **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.

19. **903.7 Hydraulic nameplate.** By each hydraulically calculated area, on each drawing, provide a copy of the hydraulic nameplate.

20. **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.

21. **903.9 Fire alarm systems.** All fire alarm systems shall be of the addressable type and shall be installed per NFPA 13, 2010 Edition.

22. **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.

23. **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.

24. **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 annunciator shall be keyed or under a protective plastic locked cover to prevent tampering.

25. **907.2.11.1.4 Group R-1.** Smoke detectors shall be installed at the top of every stairwell used for exiting.

26. **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.

27. **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.

28. **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.

29. **2603.2.1 Third Party Approval.** No foam plastic insulation shall be unless it has been approved by a nationally recognized independent testing agency, such as Underwriters Laboratories or Factory Mutual.

30. **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.

(MC-7-2011, Amended, 12/6/2011; MC-5-2009, Amended, 05/05/2009; MC-03-2005, Added, 06/21/2005)

SECTION 13: Section 15.08.030, “Amendments to the International Residential Code for One- and Two-Family Dwellings, 2003 Edition,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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.)
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 and attached single-family dwellings (townhouses) that are not more than three stories in height and that have a separate means of egress and 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 accessory to a detached one- and two-family residential dwellings, as applicable in Section 101.2, which 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 appliance.

ii) Portable ventilation appliances.

iii) Portable cooling unit.

iv) Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

v) Portable evaporative cooler.

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 enforcements 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 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. **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.

16. **2501.3 Authority.** These rules are promulgated pursuant to authority granted by Section 35 of the Illinois Plumbing License Act (225 ILCS 320/35).

17. **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 (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.

18. **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 14: Section 15.08.040, “Amendments to the International Mechanical Code, 2003 Edition,” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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 enforcements 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.

(MC-5-2009, Amended, 05/05/2009; MC-3-2005, Added, 06/21/2005)

SECTION 15: Section 15.08.050, “Amendments to the International Fuel Gas Code” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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

(MC-5-2009, Amended, 05/05/2009; MC-3-2005, Added, 06/21/2005)

SECTION 16: Section 15.08.060, “Amendments to the State of Illinois Plumbing Code, 2004 Edition” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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, 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 a 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.

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.

(Prior code § 23.50)

SECTION 17: Section 15.08.070, “Amendments to the National Electric Code, 2008 Edition” of Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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 between 48 and 66 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 2002 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, 2002 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 units 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.

(MC-5-2009, Amended, 05/05/2009; MC-3-2005, Added, 06/21/2005)

SECTION 18: Chapter 15.08, “Model Codes Adopted by Reference,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is hereby amended by adding a new Section 15.08.090, which shall be titled “Amendments to the International Energy Conservation Code, 2012 Edition,” and shall provide follows:

Section 15.08.060 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 provisions of the International 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 ordinance 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 order, 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.

SECTION 19: Section 15.16.010, “Adoption of Codes by Reference” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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 4 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.

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.

(MC-6-2010, § 2, Amended 10/5/2010; MC-3-2005, Amended, 06/21/2005)

SECTION 20: Section 15.16.020, “Fire Code” of Chapter 15.16, “Fire Prevention and Life Safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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 provisions 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.

(MC-3-2005, Amended, 06/21/2005)

C. Additions. The International Fire Code, 2010 Edition, is further amended by adding the following new provisions:

1. 307.4.3 Outdoor fire places, grills, or barbecue pits.

a. Permanent outdoor fireplaces, grills and barbecue pits. The use of permanent outdoor fireplaces, grills or barbecue pits is permitted; provided that, the same are under continuous competent supervision and such fireplace, grill or barbecue pit is at least fifteen (15) feet from any building or fence.

b. Fire pits. No fire pit shall be used within ten (10) feet of any combustible material, or within ten (10) feet of any property line. No fire pit 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. The code official is authorized to order the extinguishment of a fire in a fire pit that is creating a hazardous or objectionable condition.

(Prior code § 26.11; §8.08.030)

2. 505.3 Premise identification – rear and side access. All buildings except for single 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. Any elevator installation shall be designed to accommodate an ambulance stretcher, in a horizontal position, plus two (2) attendants.

SECTION 21: Section 15.16.030, “Life Safety Code” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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, irrespective on 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)

(Prior code § 26.05)

(MC-6-2010, § 3, Amended 10/5/2010; MC-3-2005, Amended, 06/21/2005)

SECTION 22: Section 15.16.040, “Standpipe and Hose Systems” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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 Standards 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 Standards 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 23: Section 15.16.050, “Automatic fire extinguishing systems” of Chapter 15.16, “Fire Prevention and Life safety Codes,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

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; or
- g. Business 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.

SECTION 24: Subsection D of Section 15.32.050, “Applications for permit” of Chapter 15.32, “Construction Permits,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

D. Application for Permits for Plumbing Work. All plumbing work shall be performed by, and all applications for permits for plumbing work shall be made by, an Illinois licensed plumber, using forms provided by the Director. A copy of the plumber's license and permit bond shall be placed on file with the Director before any such permit application shall be accepted by the Village. In addition, for each plumbing permit a “Letter of Intent” stating which licensed plumber will be performing the plumbing work must be filed with the Department.

SECTION 25: Subsection F of Section 15.32.050, “Construction Documents,” of Chapter 15.32, “Construction Permits,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

F. Construction Documents.

1. General requirements. All applications for a permit shall be accompanied by no less than six (6) sets of construction documents, two (2) of which shall be signed by the design professional. The construction documents shall include the site plan described in the following subsection G, as well as a proposed construction schedule, the estimated total cost of the work proposed in the format required, and such other technical data or information as may be required by the Director or other building officer.

2. Signature and seal required. No permit application shall be accepted for approval consideration unless the construction documents bear the signature and seal of the appropriate design professional, registered in the state.

3. One- and two-family dwellings. Construction documents for one- and two-family dwellings shall be prepared by an Illinois registered design professional, except that the Director may waive such requirement if the Director determines that the proposed work is either for a minor accessory structure or for minor alterations not involving structural changes, and that the construction documents are sufficiently detailed to establish code compliance and meet all other requirements of this section.

SECTION 26: Section 15.32.170, “Foundation inspections – Spot survey,” of Chapter 15.32, “Construction Permits,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.32.170 Foundation inspections; Surveys..

A. Spot survey. A spot survey certified by an Illinois registered land surveyor to show the exact location on the lot and full dimensions of a structure's foundation shall be required for all new primary structures upon completion of the structure's foundation. In addition, the Director may require the owner to submit such a survey, upon the completion of a foundation if the Director determines that such survey is necessary for an accurate inspection of the foundation and its size and location. When a spot survey is required by the Director or this section, no further work shall be done, other than installing drain tile and waterproofing the foundation, until the foundation has been inspected and the spot survey has been approved by the Village. (Prior code § 23.25)

B. Floor elevation survey. A floor elevation survey prepared and certified by an Illinois registered land surveyor to show the exact elevations of all building floor and roof peaks shall be required for all new primary structures upon completion of framing of the structure. When a floor elevation survey is required by the Director or this section, no further work shall be done until the survey has been reviewed and approved by the Village.

SECTION 27: Section 15.44.010, “Numbering of buildings,” of Chapter 15.44, “Supplementary Standards and Requirements,” of Title 15 of the Winnetka Village Code, “Buildings and Construction,” is amended to provide as follows:

Section 15.44.010 Numbering buildings.

A. Base Lines. All lots or buildings located on north and south streets in the Village or on streets running in a northerly and southerly direction shall be numbered northerly from a line running east and west one thousand (1,000) feet south of and parallel with the south section line extended of Sections 21 and 22, Township 42 north, Range 13 east, of the third P.M., Cook County, Illinois as a base line, beginning with number one and increasing towards the north or northerly.

All lots or buildings located on east and west streets in the Village or on streets running in an easterly and westerly direction shall be numbered westerly from a line running north and south two thousand (2,000) feet east of and parallel with the east section line extended of Sections 21 and 22, Township 42 north, Range 13 east, of the third P.M., Cook County, Illinois as a base line, beginning with number one, and increasing toward the west or westerly.

B. Assignment of Numbers. Numbers shall be assigned to lots and buildings as set forth in a Street Numbering Atlas on file in the office of the Director of Public Works. Such atlas is referred to and adopted and made a part of this section as fully as if set forth in full in this section. The even numbers shall be assigned to southerly and westerly sides of streets, and odd numbers to the northerly and easterly sides of streets.

The Director of Community Development shall assign to each lot or building its proper number and shall notify the owner or occupant.

C. Display of Numbers. Numbers assigned shall be displayed on the street side of each building by the owner or occupancy within thirty (30) days after notice from the Director of

Community Development. The figures of building numbers shall be not less than three inches in height and of such character as to be distinctly and easily read and shall be placed in a conspicuous place on the street side of the premises to which they are assigned. (Prior code § 7.14)

SECTION 28: Copies of all Model Codes adopted by reference in this Ordinance shall continue to be maintained on file in the office of the Village Manager in the manner provided by law.

SECTION 29: This Ordinance is passed by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

SECTION 30: This Ordinance shall take effect immediately upon its passage, approval and posting as provided by law.

PASSED this ___ day of _____, 2012, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ___ day of _____, 2012.

Signed:

Village President

Countersigned:

Village Clerk

Introduced:

Posted:

Passed and Approved:

Posted:

TO: Village Council

PREPARED BY: Jessica B. Tucker, Village President

DATE: June 19, 2012

SUBJECT: RESOLUTION NO. R- 28-2012, STRONGLY URGING GOVERNOR QUINN AND THE ILLINOIS GENERAL ASSEMBLY TO ADOPT PUBLIC EMPLOYEE PENSION REFORM TO MITIGATE THE STATE-WIDE PENSION CRISIS.

REF: October 18, 2011 Council Meeting
November 16, 2010 Council Meeting, pp. 13 – 16
May 19, 2009 Council Meeting, pp. 28 – 33

Municipalities have been struggling for years with the structural deficits and unfunded liabilities created by the pension systems. The economic recession has had a significant impact on pension investments, but generous benefit enhancements were also approved at the state level through the years without providing a funding mechanism or calculating the taxpayers' ability to pay. This created a severe imbalance between employee contributions and what is required from local taxpayers. As local governments struggle to balance their budgets in the midst of skyrocketing pension costs, municipalities across Illinois continue to urge Governor Quinn and the General Assembly to enact reforms now, rather than wait for the Veto Session this November following the general election.

Public employee pension reform at all levels of government and for all current employees and retirees is absolutely necessary. Illinois' \$83 billion unfunded pension liability and escalating pension contributions crowd out funding for essential programs such as infrastructure needs and educational programs. Without reform, Illinois' worst-in-the-Nation credit-rating will likely be further downgraded, piling additional costs onto a staggering backlog of bills and debt that already have Illinois households owing \$24,948 each. Raising personal income taxes by 67% and corporate income tax by 45% last year did little to close the gap.

In Winnetka, we've lowered actuarial assumptions and greatly raised the taxpayer contributions into the system in order to meet defined-benefit payouts, while employee contributions remain capped. Currently, for police and fire pension funds alone, Winnetka taxpayers contribute approximately \$2.1M per year. We continue to make all actuarially determined contributions into our pension funds and yet the unfunded liability continues to grow. For example, the Village's Police Pension Fund was 97% funded in 2001; in 2011 it was at 64% despite a 205% increase in taxpayer contributions, from \$287,216 to \$1,030,792. The Village's Fire Pension Fund was 87% funded in 2001; in 2011 it was at 62% despite a 181% increase in taxpayer contributions, from \$363,709 to 1,002,134. In the case of police and fire, employees can retire at age 50, with 30 years of

service and receive 75% of their earnings guaranteed for the rest of their lives. While the Village sets wages and benefits for police and fire through collective bargaining, it cannot negotiate the pension plan. In other words, the State dictates the pension payout and local government (local taxpayers) primarily foot the bill.

The State is now considering gradually shifting the “normal” costs of teacher pensions to local school districts, without reforming the system (currently at an unfunded liability of approximately \$44 billion) or allowing local school districts the ability to determine what sort of pension plan is most fair and equitable for its employees and local taxpayers. In other words, like Police, Fire and IMRF, the State will dictate the pension payout and local government (local taxpayers) will primarily foot the bill.

Comprehensive, global pension reform is long overdue and demands immediate attention. Annual, compounding COLA increases, early retirement age, capped employee contributions, defined-benefit payouts and much more must be addressed. I urge the Trustees to join with me in strongly urging Governor Quinn and the General Assembly to enact pension reform now.

Resolution No. R-28-2012 urges Governor Quinn and the General Assembly to adopt pension reforms to mitigate the state-wide pension crisis.

Recommendation:

1. Consider adoption of Resolution No. R-28-2012.

**A RESOLUTION OF THE VILLAGE OF WINNETKA
URGING THE GOVERNOR and GENERAL ASSEMBLY
TO ADOPT PUBLIC EMPLOYEE PENSION REFORM
TO MITIGATE THE STATE-WIDE PENSION CRISIS**

WHEREAS, preserving the public safety, health and welfare of its citizens is a critical priority and of paramount concern of the Village of Winnetka; and

WHEREAS, the Village of Winnetka, like many communities across the State of Illinois, has been experiencing an exponential increase in required contributions to fund the defined benefit pension of eligible municipal employees as determined by the State; and

WHEREAS, from 2001 to 2011, public safety pension costs have increased \$1,381,328 or 192%. In 2001, 7.6% or \$720,000 of the annual property tax levy was used to fund public safety pensions. For 2011, public safety pensions will use \$2,101,328 of the tax levy, or 15.6% of the total levy.

WHEREAS, the actuarially determined contribution for the Village of Winnetka Firefighter Pension Fund (with an assumed earnings rate of 6.25%) has increased by \$713,794 or 181% percent from the 2001 tax levy to the 2011 tax levy; with the 2011 tax levy equaling approximately \$46,200 or 47% percent of salary per plan member; and

WHEREAS, the actuarially determined contribution for the Village of Winnetka Police Pension Fund (with an assumed earnings rate of 6.25%) has increased by \$667,534 or 205% percent from the 2001 tax levy to the 2011 tax levy; the 2011 tax levy equaling approximately \$36,761 or 40% percent of salary per plan member; and

WHEREAS, the actuarially determined contribution for the Village of Winnetka Illinois Municipal Retirement Fund (with an assumed earnings rate of 7.5%) has increased by \$429,374 or 49% percent from 2001 to the 2011, equaling approximately \$13,107 or 15.2% percent of salary per plan member; and

WHEREAS, these escalating pension costs have created an overwhelming fiscal burden that continues to consume an ever increasing portion of the Village of Winnetka's municipal budget and threatens the long-term sustainability of the pension funds and the continuation of existing levels of public services; and

WHEREAS, while the Village of Winnetka recognizes that offering a quality pension program is vital for the recruitment and retention of quality public employees, it also recognizes that skyrocketing public pension costs for existing employees place local pension funds in financial jeopardy; and

WHEREAS, in the spring of 2010, the General Assembly reformed the pension systems only for new public employees hired after January 1, 2011, with the exception of police officers, firefighters and sheriffs; and

WHEREAS, in the fall of 2010, the General Assembly reformed the pension systems only for new police officers, firefighters and sheriffs hired after January 1, 2011;

WHEREAS, without both immediate and long-term legislative relief from escalating pension costs, the Village of Winnetka and many other communities across the state are faced with terrible choices, including budget cuts that reduce or eliminate vital services; compromised public safety service levels; deferred critical infrastructure maintenance and repairs; layoffs, and/or increasing property taxes; and

WHEREAS, the Village of Winnetka has and continues to pass the escalating pension costs on to the taxpayer by increasing the property tax levy each year in an amount that will cover 100% of the police and fire pension funding costs and a portion of the municipal employee pension funding costs;

NOW, THEREFORE, BE IT RESOLVED by the Council of the Village of Winnetka, County of Cook, State of Illinois, that:

SECTION 1: The foregoing recitals are by this reference incorporated into and made a part of the resolution as if fully set forth herein.

SECTION 2: The Village of Winnetka urges the Illinois General Assembly to:

- A. Take immediate steps to implement pension reform for all existing public employees and retirees including but not limited to:
 1. Requiring public safety employees to contribute more toward the cost of their own pensions. Currently, employees’ contributions are capped and they contribute about one-third while taxpayers pay the remainder;
 2. Adjusting cost-of-living increases from the current 3 percent so they are “right sized” and not compounded annually;
 3. Increasing the retirement age for public safety employees, who can now retire with full benefits at the age of 50, and –in many cases- receive benefits for longer than they worked for the municipality;
 4. Consolidating the 638 individual public safety pension funds into a multiple employer pension system similar to the Illinois Municipal Retirement Fund to increase investment returns and lower overall operational expenses.

SECTION 3: This Resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

SECTION 4: This Resolution shall take effect immediately upon its adoption.

ADOPTED this 19th day of June, 2012, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Countersigned:

By: _____
Village President

Village Clerk