

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda


Resolution or Ordinance (Blue) _____ *Waiver of First Requested*
 X Recommendations of Boards, Commissions & Committees (Green)
Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: David A. Hulseberg, Village Manager

DATE: March 27, 2012 (B of T) Date: April 5, 2012

TITLE: Amendments to the Village of Lombard Building Code, Title 15, Chapter 150, of the Lombard Village Code

SUBMITTED BY: Department of Community Development 

BACKGROUND/POLICY IMPLICATIONS:

The Board of Building Appeals (BOBA) through the Department of Community Development transmits for your consideration an ordinance approving text amendments to the Lombard Building Code Title 15, Chapter 150 of the Code of Lombard.

BOBA recommended approval of the proposed amendments.

Please place this item on the April 5, 2012 Board of Trustees agenda.

Fiscal Impact/Funding Source:

Review (as necessary):

Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



MEMORANDUM

TO: David A. Hulseberg, Village Manager

FROM: William Heniff, AICP, Director of Community Development

DATE: April 5, 2012

SUBJECT: Amendments to the Village of Lombard Building Code, Chapter 150

At the February 29, 2012 Board of Building Appeals (BOBA) meeting, staff presented an overview of several code changes that were mandated by Federal and State agencies this year, as well as several changes recommended by staff. Below are the proposed changes.

- Starting March 15, 2012, the Village of Lombard will be enforcing the federally adopted ADA Standard as required by the Federal government. This code will be enforced along with the State of Illinois adopted code, the 1997 Illinois Accessibility Code.
- As of June 1, 2012, as required by the State of Illinois, the Village of Lombard will be enforcing the State adopted 2012 International Energy Code.
- Adding language to require small pieces of plywood be installed on metal gusset plates used to hold together wood roof trusses.
- Minimum construction type for commercial structures.
- Adopting the entire 2009 International Plumbing Code.
- Removing the requirement for ductile iron to be used within the over-dig trench of a new house.
- Miscellaneous spelling and typographical errors in the current code.
- Addressing building height regulations mentioned in the Building Code and in the Zoning Ordinance that conflict

ACTION REQUESTED

Please place this item on the April 5, 2012 Village Board agenda for consideration and approval. BOBA recommends that the Village adopt the proposed building text amendments to Chapter 150 as proposed by staff.



VILLAGE OF LOMBARD

255 E. Wilson Ave.
Lombard, Illinois 60148-3926
(630) 620-5700 Fax (630) 620-8222
www.villageoflombard.org

Village President
William J. Mueller

Village Clerk
Brigitte O'Brien

Trustees
Greg Alan Gron, Dist. 1
Keith T. Giagnorio, Dist. 2
Zachary C. Wilson, Dist. 3
Peter Breen, Dist. 4
Laura A. Fitzpatrick, Dist. 5
William "Bill" Ware, Dist. 6

Village Manager
David A. Hulseberg

"Our shared Vision for Lombard is a community of excellence exemplified by its government working together with residents and businesses to create a distinctive sense of spirit and an outstanding quality of life."

"The Mission of the Village of Lombard is to provide superior and responsive governmental services to the people of Lombard."

April 5, 2012

Mr. William J. Mueller,
Village President, and
Board of Trustees
Village of Lombard

Subject: Text Amendments to Title 15, Chapter 150 – Building Code

Dear President and Trustees:

The Board of Building Appeals (BOBA) transmits for your consideration its recommendation regarding the above-referenced request. The Village of Lombard is requesting text amendments to Title 15, Chapter 150, of the Lombard Building Code relative to several code changes that were mandated by Federal and State agencies this year, as well as several changes recommended by staff.

The proposed amendments were presented to BOBA in a redlined version of the Code (attached as Exhibit A). Text being added to Code was denoted by underlining and any deletions were struck.

On February 29, 2012 BOBA met to review this request. Below are the proposed changes (bolded and italicized) and any resulting discussion.

Starting March 15, 2012, the Village of Lombard will be enforcing the federally adopted ADA Standard as required by the Federal government. This code will be enforced along with the State of Illinois adopted code, the 1997 Illinois Accessibility Code.

- There were no comments from the BOBA members.

As of June 1, 2012, as required by the State of Illinois, the Village of Lombard will be enforcing the State adopted 2012 International Energy Code.

- Keith Steiskal, Plan Review/Inspector II, stated that this new code eliminates the visual inspection pertaining to verifying air tightness. The 2012 International Energy Code requires a blower door test to be performed and also HVAC ductwork will need to be pressure tested to verify it meets the minimum air tightness. The test must be performed by a third party testing company with a cost under \$500. There are two ways to do this inspection, at the rough stage or at the final, but it is best to do at the rough stage.
- John Cullen stated as this is being enforced by the State, Lombard must follow State mandate.
- Mr. Steiskal also mentioned as part of the 2012 International Energy Code lighting must be 75% high efficiency (currently 50%).

Removing the requirement for fences to be non-combustible within 15' of a building in the Industrial District.

- Mr. Steiskal explained that staff was proposed this change and that the Fire Department agrees that the wood fence contributes very little to a fire event. This item will be going to the Plan Commission as it is currently adopted in the Zoning Code. Staff wants to make BOBA aware of this proposed change.
- There were no comments from the BOBA members.

Adding language to require small pieces of plywood be installed on metal gusset plates used to hold together wood roof trusses.

- Mr. Steiskal explained that staff was proposing this change as this requirement can help avoid a roof collapse during a fire event.
- There were no comments from the BOBA members.

Minimum construction type for commercial structures.

- Mr. Steiskal explained that staff was proposing this change. Currently only the Mercantile Group and any building in the Industrial District are not required to be built to a 1B minimum standard under the 2009 International Building Code. This construction type requires the structural steel to be protected for two hours in a fire event. He noted that with this current code, it is very expensive for the small accountant's office or small fast food restaurants to meet this code, therefore, staff is proposing expanding the current exception to allow for type 2B construction in "Mercantile Group" to include the "Business Group". The Fire Department has reviewed and approved the proposed changes and per staff this is more in line with the standard in our area. This will also ensure Lombard remains competitive for development.
- Steve Flint questioned what would happen if a new tenant moves in. Mr. Steiskal answered that they would have to meet the code requirements for that tenant use.

Adopting the entire 2009 International Plumbing Code.

- Mr. Steiskal stated that staff was proposing this change. The Village of Lombard was penalized on its ISO rating, and lost points during the last audit (which could affect residents' & businesses' insurance rates) because Lombard was currently using an older code.
- John Cullen stated that due to the fact that we are becoming a global economy, we should go with the 2009 International Plumbing Code.
- Mr. Steiskal mentioned that there is a house bill currently proposed to adopt an International Plumbing Code. This would be beneficial to the Village of Lombard as current State Code leaves a lot to be interpreted.

Removing the requirement for ductile iron to be used within the over-dig trench of a new house.

- Mr. Steiskal stated that staff is recommending removing this requirement. While ductile iron is a stronger product, PVC is more in keeping with a minimum code standard and schedule 40 PVC has been performing very well.
- There were no comments from the BOBA members.

Miscellaneous spelling and typographical errors in the current code.

- Mr. Steiskal stated that staff is recommending the correction of these errors.
- There were no comments from the BOBA members.

Building height regulations mentioned in the Building Code and in the Zoning Ordinance have conflicting information

- Mr. Steiskal explained the proposed change and noted that as this is a zoning regulation, staff is recommending eliminating selected building height and story limits from the Building Code.
- There were no comments from the BOBA members.

Adoption of the 2011 National Electrical Code

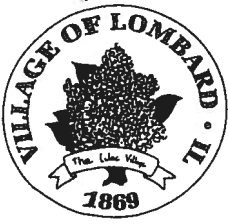
- Mr. Steiskal mentioned that staff has the ordinance amendments ready for the 2011 National Electrical Code, but feels that many electricians and architects may benefit from adopting the 2011 National Electrical Code in 2013. This will not affect the Village's ISO rating in waiting one more year. He also stated that the Building Division is currently putting together a newsletter with highlights on current codes which will be attached to each permit issued.
- There were no comments from the BOBA members.

Steve Flint made a motion to recommend to the Board of Trustees the adoption of the proposed building text amendments to Chapter 150 as proposed by staff. The motion was seconded by Marty Igoe and unanimously approved by the members present by a vote of 3-0.

Respectfully,

VILLAGE OF LOMBARD

Board of Building Appeals



MEMORANDUM

TO: Board of Building Appeals (BOBA) Members

FROM: William Heniff, AICP, Director of Community Development Department *WHS*

DATE: February 23, 2012

SUBJECT: Proposed Ordinance Changes 2012

There are several code changes that are mandated by Federal and State agencies this year, as well as several changes recommended by staff. The highlights are as follows:

1. We will be enforcing the federally adopted ADA Standard starting March 15 as required by the Federal government. This code will be enforced along with the State of Illinois adopted code, the 1997 Illinois Accessibility Code.
2. We will be enforcing the State adopted 2012 International Energy Code starting June 1, 2012 as required by the State of Illinois. The major changes in this code are the elimination of the visual inspection pertaining to verifying air tightness. The 2012 International Energy Code requires a blower door test be performed to verify the building envelope meets the minimum air tightness as prescribed by the Energy Code. Also, HVAC ductwork will also need to be pressure tested to verify it meets the minimum air tightness as prescribed by the Energy Code. This will be required throughout Illinois, and should cost under \$500.00 in additional cost to have performed by the third party testing company.
3. Staff is proposing removing the requirement for fences to be non-combustible within 15' of a building in the industrial district. In some cases the Village loses the ability to screen areas, and the Fire Department agrees that the wood fence contributes very little to an event. This item will be going to the Plan Commission since it currently is adopted in the Zoning Code, but staff wanted to make BOBA aware of the proposed change.
4. Staff is proposing adding language to require small pieces of plywood be installed on metal gusset plates used to hold together wood roof trusses. This is a simple and fairly cheap (a few hundred dollars on the average house that has roof trusses) measure that can help avoid a roof collapse during a fire event. This gives additional time for the residents to exit, and reduces the risk to fire crews who traditionally have to go onto the roof to cut ventilation holes. Currently most new houses built in the Village do not use roof trusses, so this requirement would not affect those houses.

5. Staff is proposing a change to the minimum construction type for commercial structures. Currently all commercial and multi-family structures are required to be built to a 1B minimum standard under the 2009 International Building Code with the exception of the "Mercantile Group", and any building in the industrial district. This construction type requires the structural steel be covered to protect it for two hours of a fire event. Staff is proposing expanding the current exception to allow for type 2B construction in "Mercantile Group" to include the "Business Group" also. This would allow not only the shoe store (Mercantile) to eliminate fireproofing, but would also allow the small accountants office or small fast food restaurant with under 50 seats (Business) to also not be burdened with this additional expense. The Fire Department has reviewed and approved the proposed changes. Lastly, the reduction is more in keeping with the standard in our area, and will ensure Lombard remains competitive for development.
6. Staff is proposing adopting the entire 2009 International Plumbing Code. While there is a State mandated Plumbing Code, the State of Illinois has not released an updated version since 2004. That aging code cost the Village points during the last Insurance Services Office (ISO) audit. By adopting the 2009 International Plumbing Code along with the older State Code, the Village has a chance to regain a higher ISO rating, and thus possibly reduce insurance cost for residents and business owners. Also, out of state Architects and Engineers will have a code they are familiar with to help guide them in their designs.
7. Staff is recommending removing the requirement for ductile iron to be used with the over-dig trench of a new house. While the ductile iron is a stronger product than the minimum code required schedule 40 PVC, PVC is more in keeping with a minimum code standard, and schedule 40 PVC has been performing very well.
8. Staff is recommending correction of miscellaneous spelling and other typographical errors as well as edits for clarity by the reader.
9. Edits are also being proposed to eliminate selected building height and story limits on residential units, as those regulations are included or conflict with the provisions of the Zoning Ordinance.

Separate from the edits to be presented to BOBA, staff has the ordinance amendments ready for the 2011 National Electrical Code, but feels many electricians and architects may benefit from adopting the 2011 National Electrical Code in 2013. There will be no effect on the Village's ISO rating by waiting one more year. 2012 will be used to continue the Village's educational efforts such as the new permit newsletter, the web site, handouts, etc.

ORDINANCE NO. _____

AN ORDINANCE GRANTING APPROVAL OF TEXT AMENDMENTS TO TITLE 15, CHAPTER 150, SECTIONS 150.001 THROUGH 150.092 AND SECTIONS 150.140 THROUGH 150.999 OF THE LOMBARD VILLAGE CODE AND TO PROVIDE FOR THE ADOPTION OF THE 2012 INTERNATIONAL ENERGY CODE, THE 2009 INTERNATIONAL PLUMBING CODE AND THE FEDERAL AND STATE ACCESSIBILITY CODES

BE IT ORDAINED by the President and Board of Trustees of the Village of Lombard, DuPage County, Illinois, as follows:

SECTION 1: That Title 15, Chapter 150, Sections 150.001 through 150.092 and Sections 150.140 through 150.999 of the Village Code is hereby amended in its entirety as set forth in Exhibit A.

SECTION 2: That this ordinance shall be in full force and effect from and after its passage, approval and publication as provided by law.

Passed on first reading this _____ day of _____, 2012.

First reading waived by action of the Board of Trustees this _____ day of _____, 2012.

Passed on second reading this _____ day of _____, 2012, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this _____, day of _____, 2012.

William J. Mueller, Village President

ATTEST:

Brigitte O'Brien, Village Clerk

Published by me in pamphlet form this _____ day of _____, 2012.

Brigitte O'Brien, Village Clerk

TITLE XV: LAND USAGE

Chapter

- 150. BUILDING CODE**
- 151. FLOOD CONTROL**
- 152. PLANNING**
- 153. SIGNS**
- 154. SUBDIVISIONS AND DEVELOPMENT**
- 155. ZONING CODE**



CHAPTER 150: BUILDING CODE

Section

General Provisions

- 150.001 Title
- 150.002 Purpose
- 150.003 Scope
- 150.004 Interpretation
- 150.005 Application and effect
- 150.006 Building Division
- 150.007 Definitions, References
- 150.008 Adoption of Certain Building Codes
- 150.009 Materials of equivalent strength
- 150.010 Services for the handicapped
- 150.011 Held in Reserve
- 150.012 Held in Reserve
- 150.013 Held in Reserve
- 150.014 Held in Reserve
- 150.015 Retaining walls
- 150.016 Landscape walls
- 150.017 Determination of wall as landscaping or retaining

International Building Code-2009

- 150.030 Adoption by reference; amendments

International Residential Code-2009

- 150.035 Adoption by reference; amendments

Residential Use Special Requirements

- 150.040 Special Residential Requirements
- 150.041 Exceptions to Special Residential Requirements

International Energy Conservation Code-Current

- 150.045 Adoption by reference; amendments

Illinois State Plumbing Code-Current

- | 150.050 Adoption by reference; amendments

International Plumbing Code - 2009

150.055 Adoption by Reference; amendments

National Electrical Code-2008

- 150.060 Establishment of rules and regulations of electrical installation
- 150.061 Definition
- 150.062 Electrical contractors and communications contractors must be registered; certificate of insurance
- 150.063 Permit required
- 150.064 Disconnection of electrical services
- 150.065 Permit fees
- 150.066 Adoption by reference Amendments, Additions & Deletions

International Mechanical Code-2009

150.070 Adoption by reference; amendments

International Fuel Gas Code-2009

- 150.071 Held in Reserve
- 150.072 Adoption by reference; amendments

Elevator Code

- 150.075 Adoption by reference; amendments
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- 150.077 Certificate of inspection
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Federal ADA Standard – Current

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International Property Maintenance Code-2009

150.090 Title; scope

- 150.091 Adoption by reference
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International Fire Code-2009

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- 150.106 Held in Reserve
- 150.107 Definitions
- 150.108 Explosives and blasting agents
- 150.109 Motor vehicle routes, transporting explosives, etc.
- 150.110 Flammable liquids
- 150.111 Bulk storage
- 150.112 Motor vehicle routes, transporting hazardous chemicals, dangerous articles, L.P. Gas, combustible and flammable liquids
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- 150.143 Contractor Registration and Insurance Requirements
- 150.144 Deposit required for protection of public properties
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- 150.999 Penalty

GENERAL PROVISIONS

§ 150.001 TITLE.

The hereinafter described regulations shall be known as the Building Code of the village.
(Ord. 2561, passed 10-28-82)

§ 150.002 PURPOSE.

The purpose of the building code is to regulate and control the design, construction, size, use of materials, and occupancy of buildings and to provide minimum standards to protect life safety, health, and welfare and maintenance of all buildings and structures in the village.
(Ord. 2561, passed 10-28-82)

§ 150.003 SCOPE.

The provisions of this Code shall apply to all buildings and structures that shall be constructed, additions thereto, alterations, repairs, removed, raised or demolition, and maintenance, including all mechanical equipment such as central air-conditioning, electrical, elevators, heating, and plumbing installations.
(Ord. 2561, passed 10-27-82)

§ 150.004 INTERPRETATION.

The building code of the village shall be interpreted according to the rules of statutory interpretation. In the event of a conflict, the printed portion of the building code will prevail over codes incorporated by reference.
(Ord. 2561, passed 10-28-82)

§ 150.005 APPLICATION AND EFFECT.

The regulation of the building code of the village, as herein adopted, shall apply to all matters concerning the erection, construction, alteration, addition, repair, removal, demolition, use, location, occupancy, and maintenance of all buildings and structures, and their service equipment as herein defined, and shall apply to all existing or proposed buildings and structures, and their equipment as herein defined, and shall apply to all existing or proposed buildings and structures in the village.
(Ord. 2561, passed 10-28-82)

§ 150.006 BUILDING DIVISION.

(A) There is hereby established a Building Division designated as a Division of the Community Development Department and operated under the direction and supervision of the Community Development Director. The Community Development Director shall be appointed by the Village Manager on the basis of examination to determine his/her qualifications and will be governed by appropriate state statutes.

(B) The Community Development Director may detail such members of the Community Development Department as inspectors as shall from time to time be necessary.
(Ord. 6602, passed 4/7/11)

§ 150.007 DEFINITIONS; REFERENCES.

(A) For the purpose of this chapter the following definitions shall apply unless the context clearly indicates or requires a different meaning.

ATTACHED DWELLING. One which is joined to another dwelling at one or more sides by party walls or fire separation assemblies.

DETACHED DWELLING. One which is entirely surrounded by open space on the same lot.

MULTI-FAMILY DWELLING UNITS. A building, or portion thereof, containing three or more dwelling units.

NEW. Any building constructed after the effective date of this chapter.

SINGLE-FAMILY ATTACHED DWELLING UNITS. See Use Group R-3.

(B) References:

(1) Any reference to the *Code Official* in the 2009 Edition of the International Building Code shall be read as meaning the Village Community Development Director.

(2) Any reference in the code to **JURISDICTION** or **NAME OF JURISDICTION** shall mean the mean the Village of Lombard.

(3) Any reference in the code to the **CHIEF APPOINTING AUTHORITY** means the Village Manager or Village Board as authorized by Ordinance.

(4) Any penalty or penalties referred to in the 2009 Edition of the International Building Code or the 2009 Edition of the International Residential Code shall be the penalty as provided under this chapter (section 150.999).

(5) Any reference to any **SANITARY DISTRICT** means the Village of Lombard sewerage system or the Facilities Planning Area (FPA) District, whichever is applicable.

(6) Any reference to **WATER DEPARTMENT** shall mean the Village of Lombard water system.

(7) Any reference to **ZONING OR ZONING ORDINANCES** shall mean the Village of Lombard zoning ordinances.

(8) Any reference to **COMMISSIONER OF POLICE** means the Village of Lombard Chief of Police.

(9) Any reference to The **FIRE DEPARTMENT** shall mean the Village of Lombard Fire Department.

(10) Any reference to The **HEALTH DEPARTMENT** shall mean the DuPage County Health Department.

(11) **FIRE DISTRICT NO. 1** shall be all areas of the village excepting therefrom those zoned for single-family use and an R-3 two-family residence district. A fire district map shall be maintained by the Fire Chief and certified copies thereof shall be open to public reference or available by copies at all times during which the office of the Fire Chief is open. When uncertainty exists with respect to the boundaries of the district, as shown on the fire district map, the following rules shall apply:

(a) District boundary lines are either right-of-way lines of railroads, highways, streets, alleys, easements, tract or lot lines, or such lines extended unless otherwise indicated.

(b) Where a district boundary line divides a lot in single ownership as of the date of adoption of this chapter, and if more than 50% of the lot is located within the district, then the district boundaries shall be extended to include all of the lot.

(c) Where a district boundary line divides a lot in single ownership as of the date of adoption of this chapter, and if less than 50% of the lot is located within the district, then the entire lot shall be excluded from the district.

(12) All advisory or text notes, other than the rules and regulations contained in the International Building Code, 2009 Edition and the International Residential Code, 2009 Edition are expressly excluded from this chapter.

(13) In the event that any provision of the International Building Code, 2009 Edition and the International Residential Code, 2009 Edition, is in conflict with any provisions of the zoning code, or any amendment thereto of the village, the latter shall prevail and the conflict shall be of no effect.

(Ord. 2561, passed 10-28-82; Am. Ord. 2672, passed 6-14-84; Ord. 5481, passed 5/6/04; Ord. 6602, passed 4/7/11)

§ 150.008 ADOPTION OF CERTAIN BUILDING CODES.

This chapter adopts and incorporates by reference certain codes. Not less than three copies of each code that is adopted and incorporated by reference shall be available for study at the village hall during normal hall hours.
(Ord. 2561, passed 10-28-82)

§ 150.009 MATERIALS OF EQUIVALENT STRENGTH.

Wherever the building regulations of the ordinances of the village prescribe specifications for materials to be used or methods to be followed, any materials or method which give equivalent strength, utility, and safety may be used in lieu of those specified in the building ordinances provided the materials or methods are approved in writing by the Community Development Director.
(Ord. 2561, passed 10-28-82)

§ 150.010 ACCESSIBLE SERVICES ~~FOR THE HANDICAPPED.~~

All public buildings, and public places of accommodation or amusement, as defined by Illinois ~~Revised-Compiled~~ Statutes, or buildings required to provide accessible services ~~for the handicapped~~ shall meet or exceed all of the provisions of the Environmental Barriers Act (EBA) (410 ILCS 25/1 et. seq.), ~~and~~ the 1997 Illinois Accessibility Code and the 2010 Americans with Disability Act (ADA) Standard.

§ 150.011 HELD IN RESERVE

§ 150.012 HELD IN RESERVE

§ 150.013 HELD IN RESERVE

§ 150.014 HELD IN RESERVE.

§ 150.015 RETAINING WALLS.

No plans for retaining walls as defined in § 150.030 shall be approved for a permit unless such plans are signed and sealed by a licensed architect, structural engineer, or professional engineer authorized to sign and seal such plans by state statute. If retaining walls are of timber construction, the retaining wall shall meet IDOT requirements for timber and preservation. No used timbers are allowed.
(Ord. 2830, passed 2-27-86; Am. Ord. 2880, passed 9-11-86) Penalty, see § 150.999

§ 150.016 LANDSCAPE WALLS.

Landscape walls as defined in § 150.030 of less than three feet shall not be required to be approved for a permit. Landscape walls in excess of three feet shall not be approved for a permit unless such plans are signed and sealed by a licensed architect, structural engineer, or professional engineer authorized to sign and seal such plans by state statute. If landscape walls requiring a permit are of timber construction, the landscape walls shall meet IDOT requirements for timber and preservation. No used timbers are allowed for walls in excess of three feet. (Ord. 2880, passed 9-11-86) Penalty, see § 150.999

§ 150.017 DETERMINATION OF WALL AS LANDSCAPING OR RETAINING.

When the Community Development Director or his/her designee has determined in writing that plans as submitted may be inadequate or the classification of a landscaping or retaining wall is not the same as requested by the party building said wall, an independent engineer designated by the Community Development Director or his/her designee shall be retained to review the plans. The cost of the independent review shall be paid by the party building said wall. (Ord. 2880, passed 9-11-86)

INTERNATIONAL BUILDING CODE—2009 EDITION

§ 150.030 ADOPTION BY REFERENCE.

All provisions as listed in the International Building Code, 2009 Edition, are incorporated by reference with the following changes:

Section R101.1 Title: Insert “Village of Lombard”

Section 103.1 Delete “Department of Building Safety” and insert “Building Division”.

Section 101.4.3 Plumbing: ~~Delete all chapters of the International Plumbing Code except Chapter 111.~~ ~~Insert~~ Add to apply Illinois Plumbing Code, latest edition, most restrictive.

Section 105.2 Work exempt from permit: Delete the following exemption: 1, 2, 4, 5, 6, and 9.

Section 105.5 Expiration: Delete this section entirely and refer to Section 150.142, paragraphs A, B, C and D.

Section 109.2 Add to end of paragraph.... See section 150.141 for fee schedules.

Section 110.3.7 Delete Chapter 13 reference and replace with 2009 most current version as adopted by the State of Illinois International Energy Conservation Code.

Section 114.4 Add the following: Penalties for violation of Title XV are established by local ordinance.

Section 115.3 Change the last line to read as follows: ...shall be liable for a fine as established by local ordinance.

Section 310.2 Swimming Pools – See sections 150.317 – 150.324 for additional requirements.

Chapter 6: Construction Type Limitations.

Construction types ~~2A, 2B~~, 3A, 3B, 5A and 5B are deleted. Minimum construction type shall be 2A except, Construction type 2B shall be limited to Industrial Districts and certain CR districts only.

Building of Type 2B construction shall be located not less than 15 feet from another building on the same principal lot unless the wall facing such adjoining building is constructed of materials providing fire resisting of not less than two hours and with all opening protected as required.

Add Section 503.4

Section 503.4 Type 5 construction shall only be used for Townhouses and One and Two Family Dwellings. See Section 150.040 Special Residential Requirements.

Add the following to Section 506.2.2: All fire lanes shall be approved by the Fire Chief or his/her designee and shall meet the detailed engineering and construction specifications for public improvements as enumerated in the Village of Lombard specifications Manual. See Section 154.402 for additional requirements.

Section 901.6 Change to read as follows: Supervisory Service. All required fire protection systems shall be supervised and monitored by the Village of Lombard Communications Center (DU-COMM) in accordance with NFPA 72 and Section 901.6.4 of this code.

Exceptions: Supervisory Service is not required where:

(1) Single and multiple station smoke alarms required by 907.2.11 of the International Building Code, 2009 Edition.

(2) Automatic sprinkler systems protecting one and two family dwellings.

(3) Smoke detectors in GROUP I-3 occupancies.

Delete Section 901.6.1

Delete Section 901.6.2

Delete Section 901.6.3

Add Section 901.6.4 – Fire alarm System Supervision: All newly installed fire alarm systems shall be supervised by and tied directly to the Village of Lombard Communications Center

(hereinafter referred to as “DuComm”). Fire alarm systems that are tied directly to DuComm as of January 21, 2011, shall be required to maintain said connection. Fire alarm systems that are using an approved central station fire alarm system monitoring service as of January 21, 2011 shall be required to tie directly to DuComm by January 21, 2017 (6 years after effective date of Ordinance), or upon the expiration of the contract term with the service provider in effect on January 21, 2011, whichever occurs first. Ord. 6565, passed 1/20/11.

~~Add note “g” to Table 601:~~

~~NOTE g. TABLE 601, Note B shall be changed to “Fire Protection shall not be required for roof construction including columns, beams, girders and trusses supporting roofs only in areas devoted to mercantile use, business group, or the storage, shelter and/or servicing of motor vehicles, provided that the entire structure is protected by an approved, supervised automatic sprinkler system.”~~

Section 903.2 Where required: Shall be changed to read as follows: An approved automatic fire sprinkler system shall be installed and maintained in full operating condition in all parts of all buildings with the following exceptions:

1. Residential Dwellings and Townhouses defined and constructed under the scope of the International Residential Code. 2009 Edition.
2. Auxiliary structure (i.e.; detached garages, sheds) used in conjunction with residential occupancies, (use).
3. One (1) Story Buildings, without basements, having a total area of less than one thousand (1,000) square feet. This requirement shall not be reduced by fire wall separation.
4. Buildings or portions of buildings that comply with Section 406.3 Open Parking Garages.
5. Existing buildings: (For the purpose of this section, occupancy shall be defined as the purpose for which a building or portion thereof is used or intended to be used in accordance with the International Fire Code, 2009 Edition.
 - a. When an addition or additions of 500 square feet or more in aggregate are added, increasing the total area to 2,500 square feet or more, an automatic sprinkler system shall be installed in the entire building.
 - b. When the occupancy (use) of a building of 2,000 square feet or more is changed to any of the following uses: assembly, educational, health care, child care, industrial, storage or residential, other than as exempted in Item (1) of this section, an automatic sprinkler system shall be installed in the entire building or in that portion of the building in which the change of occupancy occurred.
 - c. When the cost of remodeling would be greater than 50% of the market value of a building of 2,000 square feet or more, an automatic sprinkler system shall be installed. Market value of the structure shall be as established by the Township Assessor or by the average of two or more independent appraisals.

Add Section 903.3.5.3 Safety Factor: Provide a minimum 10% or 5 psi minimum safety factor in the fire protection system hydraulic calculation. The system demand shall be 5 psi minimum below the seasonal low water flow test supply.

Add Section 903.4.2.1. Visual: Provide a weather resistant visual alarm device installed on the exterior wall of the building above the fire department connection (FDC) to activate upon fire sprinkler system water flow only.

Add Section 903.6

Section 903.6 A diagram showing areas served by control valves shall be submitted. This diagram shall be placed in the buildings adjacent to the risers.

Add Section 903.2.13—Car Wash Facilities: For structures built to contain self service car washes that are divided into individual wash area units of not more than three hundred (300) square feet each, with said individual wash area units being divided by solid masonry walls that extend from the floor to the underside of the roof and being open on two (2) sides with no permanently fixed enclosures, a fire resistance rating for the roof construction shall not be required relative to those portions of the roof over the wash area units.

Add Section 907.1.3.1 Equipment: All fire alarm control panels or full function annunciator panels shall be of the addressable type and shall be installed within ten (10) feet of the main entrance or within a location approved by the Fire Code official.

Section 907.6.5 Change to read as follows: Monitoring. All required fire protection systems shall be supervised and monitored by the Village of Lombard communications Center (DU-COMM) in accordance with NFPA 72 and Section 901.6.4 of this Code.

Exceptions: Supervisory Service is not required where:

- (1) Single and multiple station smoke alarms required by 907.2.11 of the International Building Code, 2009 Edition.
- (2) Automatic sprinkler systems protecting one and two family dwellings.
- (3) Smoke detectors in GROUP I-3 occupancies.

Section 1101.1 Change as follows: Scope: The Village Building Official shall require the provisions of the current "Illinois Accessibility Code" as presently in force or as the same may be hereafter amended or modified and the same is hereby incorporated herein by reference and adopted as the standard for the purpose of this Ordinance. Any conflicts concerning the provisions of these codes shall be determined by the strictest standard contained in the code provisions.

Section 2303.1.2 Floor Trusses. Changes to read as follows: Light-weight wood truss assemblies and "I" joists are not permitted.

Section 2901.1 Scope: To read as follows: The Village Building Official shall require the provisions of the current "Illinois Plumbing Code", 225 ILCS 320/1 et seq., as presently in force or as the same may be hereafter amended or modified and the same is hereby incorporated herein by reference and adopted as the standard for the purposes of this Ordinance. Any conflicts concerning the provisions of these codes shall be determined by the strictest standard contained

in the code provisions. Remainder of Chapter text sections 2902.1 thru 2903.3 shall be deleted in their entirety.

Add Section 3001.5-See Lombard Code section 150.075 for additional elevator requirements.

Change Section 3401.3-Compliance with other codes, delete all references to indicated codes and insert the following ...in the currently adopted building and fire codes of the Village of Lombard.

Add Section 3401.5 Fire Suppression: Fire Suppression systems shall be installed as outlined in section 903.

Section 3409.2 Insert date January 1, 1950.

Chapter 35 Delete NFPA 13R-07. Installation of Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height.

(Ord. 4142, passed 3/21/96; Ord. 5210, passed 11/7/02; Ord. 5481, passed 5/6/04; Ord. 6436, passed 2/4/10; Ord. 6602, passed 4/7/11)

INTERNATIONAL RESIDENTIAL CODE, 2009 EDITION

§ 150.035 ADOPTION BY REFERENCE.

All provisions as listed in the International Residential Code, 2009 Edition, are hereby adopted and incorporated by reference with the following changes:

Section R101.1 Title: Insert "Village of Lombard"

Section R105.2 Work exempt from permit; Delete the following exemptions: 1, 2, 3, 4, 5, 7 and 10.

Residing a single family home or accessory structure.

Sheds less than 80 square feet and less than 8 feet in height.

Section R105.5 Expiration: Delete this section entirely and refer to Section 150.042, paragraphs A, B, C, and D.

Table R301.2(1) Ground Snow Load: The following information shall be inserted in the table:

Ground snow load	25
Wind Pressure	80
Seismic Conditions	1
Weathering	severe
Frost Depth	42

Termite	Yes
Winter Design Temp	40 ⁴⁰
Radon	Zone 2

Delete note “F” at the bottom of Table R301.2(1)

R302.2 Townhouses-Exception shall be amended to read
“A common 2-hour fire-resistance wall constructed of masonry is permitted for townhouses”.

R302.3 Two family dwellings shall be amended to read
“Dwelling units in two-family dwellings shall be separated from each other by a 2-hour masonry wall or a 2-hour floor meeting ASTM E 119 or UL 263”.

R302.3 Two family dwellings Exception 1 shall be amended to read “A fire-resistance rating of 1 hour shall be permitted in buildings equipped throughout with an automatic sprinkler system installed in accordance with NFPA 13”.

R302.3 Two family dwellings – Delete exception 2

Section R312.1 Delete “more than 30 inches” and insert “more than 16 inches”.

Delete Section R313

Delete Table R302.6 and replace with “The Minimum distance between a residence and accessory structures shall be 10 feet unless a 1-hour fire resistance wall is installed at the accessory structure”.
Two (2) feet shall be the minimum separation.

Change section R309.2 Separation required.

To read as follows: The garage shall be separated from the residence and its attic by means of minimum 5/8” type X Fire Code gypsum board applied to the garage side of the wall and/or ceiling.

Add Section R309.5 Service Doors: All garages shall have a service door. The door shall be side-hinged, not less than 2 feet 8 inches in width, not less than 6 feet 8 inches in height and designed for exterior use. A switched electric light and a 3 foot by 3 foot landing are required at all service doors. One switched light, one ceiling mounted receptacle, and one wall mounted receptacle shall be required on the inside of each garage.

Add to Section R315 Carbon Monoxide Detectors

R315.4 Provide a minimum of one Carbon Monoxide detector in every dwelling unit. Provide a minimum of one carbon monoxide detector on each story including basements in a multiple story dwelling. All carbon monoxide detectors shall be approved and listed and shall be installed in accordance with the manufacturer’s installation instructions.

R315.5 Alterations, repairs and additions. When alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the entire building shall be provided with carbon monoxide detectors located as required for new dwellings.

R315.6 Power source; Required carbon monoxide detectors shall receive their primary power from the building wiring when such wiring is served from a commercial source. Wiring shall be permanent and without a disconnecting source other than those required for over-current protection.

Section R325.1 Site Address; Add to end of sentence the following: The minimum size of numbers for addresses shall be 4" high and of a contrasting color to mounting surface.

Section R502.1.4 ~~Floor Trusses~~ Prefabricated Wood I-Joists: Change to read as follows: Lightweight wood truss assemblies and "T" joists are not permitted.

~~Section R502.11 Wood Trusses Delete entirely.~~

Add 802.11.2 – Wood roof trusses must have metal gusset plates covered with ½" plywood, glued and screwed. Plywood must extend 6" beyond each side of the metal gusset plate (3 sides if 4th side is obstructed by roof sheathing or drywall ceiling).

Delete the plumbing and electric sections of this code, except Chapter 25, Plumbing Administration and Chapter 26, General Plumbing Requirements.

Appendix E: Delete all sections and replace with the following: Manufactured housing units shall comply with all sections of this code and all other applicable Village Ordinances denoted in Title XV as they apply to the construction for all single family detached dwellings. (Ord. 5481, passed 5/6/04; Ord. 6217, passed 8/21/08; Ord. 6602, passed 4/7/11)

RESIDENTIAL USE SPECIAL REQUIREMENTS

§ 150.040 SPECIAL RESIDENTIAL REQUIREMENTS.

(A) Applies to all uses residential uses

(1) KITCHEN RANGE HOOD VENT:

(a) Duct shall be minimum 26 gauge galvanized.

(b) Duct shall be connected to separate gravity back draft damper vented thru roof, soffit (eave) or wall.

(2) BEDROOM CLOSETS

Minimum floor size six (6) square feet with a ceiling or wall light fixture of the following types:

- a. Globe encased
- b. Fluorescent
- c. Recessed types

(3) INTERIOR DOORS

Minimum size for basement doors shall be two (2) feet, six (6) inches

(4) ASPHALT SHINGLES - STAPLING

(a) Stapling will not be permitted for any roofs.

(b) Minimum 240 lb. Weight shingles with a 20/25 year warranty depending on material type of either asphalt or fiberglass shall be required.

(5) REROOFING

(a) Re-roofing shall be allowed, but in no event shall more than two (2) concurrent layers of shingles be allowed on any roof. The original roof unless removed shall count as one (1) layer applied.

(b) Ice/Water Shield or an equivalent

Product shall be installed as part of the roofing and/or re-roofing of any conditioned residential building, other than buildings with flat or low sloped roofs. Installed a minimum of 24" up from the outside wall of the building and must start at the outside edge of the eaves and 18" up on each side of valleys.

(6) CHIMNEYS – Flashing at chimneys shall be flashed into raked mortar joints in a step fashion and then remortared.

Ventless fireplaces are not allowed within the corporate limits of the Village of Lombard.

(7) GUTTERS AND DOWNSPOUTS

(a) Gutters and downspout shall drain free-fall onto splash blocks directed away from adjacent property, or to storm sewer where available with approval of Public Works Director.

(8) HELD IN RESERVE

(9) ATTACHED AND BUILT-IN GARAGES.

(a) Doors (minimum 20 minute fire rated) shall be equipped with a self closer. The common wall to the residence shall be protected with 5/8 inch fire rated gypsum board or equivalent on the garage side to the underside of the roof sheathing or common wall and garage ceiling. If habitable rooms exist over any part of the garage, the complete interior of the garage shall be protected with 5/8 inch fire rated (1 hour) gypsum board. Central heating and/or air conditioning equipment may not be exposed in a garage area. Such equipment must be separated from the garage by one hour fire rated walls. Garage floor surfaces shall be of approved noncombustible materials.

(b) Floors will be reinforced with 6" x 6" wire reinforcing material.

(10) DUCT SYSTEMS

(a) All heat supply systems for forced air heating shall be of metal ducts except as permitted in Subsection (c).

(b) Warm air supply ducts will not run between studs on exterior walls to upper floors. The common wall between the house and the garage is considered as an exterior wall. Exterior and common walls shall be furred out to accommodate insulation and duct work. Warm air supply ducts in one (1) story buildings shall terminate not more than twelve (12) inches above floor.

(c) Flexible duct: U.L. listed 181-Class 1, NFPA 90A and 90B, min. 8" water gauge and max. 6' length.

(11) CONCRETE

(a) When placing of concrete is suspended, it will be necessary to add reinforcing bars to footing or walls to prevent separation.

(b) All window openings in foundation walls shall have a minimum of two reinforcing bars embedded in the concrete directly above such openings and they shall extend a minimum of (3') three feet on each side of the opening.

(c) Dry Calcium Chloride: In no way or manner shall dry calcium chloride be added to as an admixture to accelerate the setting time of poured-in-place concrete, except as provided hereinafter.

1. At no time shall calcium chloride be used if the temperature is 34 degrees F. and rising temperature is expected.

2. If and when calcium chloride is used, said calcium chloride shall not exceed 1% by weight of concrete as set forth in the American Concrete Manual of Concrete Practice (1970-Part I 202-5) and provided such admixture is introduced into the mixture at the concrete batch plant. (ord. 2561, passed 10-28-82) Penalty, see Section 150.999.

(12) DRAIN TILE.

Footing drain tile shall be connected to a sump basin with cast iron pipe or plastic pipe with appropriate manufacturer's fittings (minimum four (4) inch diameter). Provide sump pump to eject to front or rear of property, within 15'-0" of residence, but away from any adjacent properties. Connection to Village of Lombard storm sewer system requires approval from the Director of Public Works.

(13) FOUNDATION

Section R404: Delete all references to ~~masonry foundations and~~ wood foundations. ~~All new foundations shall be of concrete construction only.~~

For one (1) story frame additions only, a trench foundation will be permitted when the concrete is placed monolithically at a minimum depth of forty-two (42) inches below grade and minimum trench width of eight (8) inches.

(14) CONSTRUCTION SITE FENCING

Residential Construction Site Fencing

When a permit authorizes demolition or authorizes construction of a new principal structure or any other construction as determined by the Community Development Director or his/her designee, then the applicant, owner or general contractor shall cause a "safety fence" (fencing) to be installed around the area of construction, in a location and manner approved by the Community Development Director or his/her designee. The fencing shall be installed not more than seven (7) days nor less than four (4) days prior to the commencement of any demolition and/or new construction of a proposed structure on the subject property. The fencing shall consist of six (6) foot high chain link fencing with driven posts to secure the chain link. The chain link fencing shall consist of #9 or #11 gauge metal and maximum mesh size of four (4) inches or as approved by the Community Development Director or his/her designee. The fencing shall also include removable panels or type of hinged gates, (25% maximum area of fencing) for construction/utility access, only on the street side where the utilities are entering the subject property. Removable panels (or type of hinged gate) shall be latched where there is no construction activity being performed on the construction site. The latch may be of wire composition or of other means as approved by the Community Development Director or his/her designee. The fencing shall remain in place on the subject property until the structure is made weather tight and safe and secure from unauthorized entry and until the beginning stages of final site improvements (i.e. final grading, sodding or seeding of the subject property).

The applicant, owner or general contractor shall cause tree fencing to be installed around the trees in the public right-of-way (parkway) abutting the subject property. Such tree fencing shall be located, if possible, at the drip line of the tree or as directed by the Community Development Director or his/her designee. The parkway tree fence shall remain in place until final inspection of the construction projects has been approved by the Village. The required types of tree fencing protection shall be four (4) foot high orange vinyl fencing or chain link fencing.

(15) SANITATION FACILITIES

Any portable toilet on said property construction site may be located in the front area of the construction site, away from any sidewalks, and as close to the principal structure as possible, so as not to cause a blight in the neighborhood. One such toilet shall be provided at every construction site of a new principal structure no later than after the completion of the foundation excavation for the new structure. The portable toilet facility shall remain in place until the construction of the principal structure is nearly complete and the plumbing in the principal structure is functional.

Improperly placed portable toilet facilities shall cause a “stop work order” to be issued and not lifted until the portable toilet has been moved to a satisfactory location as determined by the Building Division.

(16) SITE RESTORATION GUIDELINES

If the application includes demolition of a principal structure and if commencement of the construction of a new principal structure does not occur within thirty (30) days after completion of demolition, then the application shall include a detailed site restoration plan depicting all work require to restore the subject property, within thirty (30) days after completion of the demolition, to a safe, clean condition until construction of a new principal structure has commenced, including without limitation backfilling of any excavation, grading, seeding, sodding, fencing, stormwater management and the like.

Additional Fee for Late Work: If the applicant, or owner or general contractor shall fail to commence construction within thirty (30) days or shall fail to complete site restoration within thirty (30) days, as provided in this section, then the applicant, owner or general contractor shall be subject to a special late work permit fee of \$250.00 per day until such work is completed. The Village shall deduct such fee from the construction deposit provided by this Code.

The Community Development Director or his/her designee may, at his discretion, extend the thirty (30) day time limit to an additional thirty (30) days upon special written request from the applicant, owner or general contractor.

Village Right to Enforce: Every permit authorizing demolition of a dwelling or structure issued pursuant to this Code, shall be conditioned on the agreement of the applicant, owner or general contractor of the subject property that if any work pursuant to a permit authorizing demolition of a dwelling or structure is undertaken in violation of any provision of this Code, then the Village shall have the right at all times, but not the obligation, to enter onto the subject property and to cause any and all work to be done and actions to be taken to cure such violation. The applicant, owner or general contractor of the subject property shall be jointly and severally responsible for all costs and expenses incurred by the Village, including without limitation attorney’s fees and administrative expenses, in causing such cure. The Village shall have the right, at its option, to draw on the construction deposit provided by this Code, or to demand payment directly from the applicant, owner or general contractor, for the cost of such Village work, including without limitation legal fees and administration expenses, based either on costs actually incurred by the Village or on the Village’s reasonable estimates of costs to be incurred. The Village shall give a written or oral twenty-four (24) hour notice and an opportunity to cure to the applicant or owner/general contractor before taking such action; provided, however, that no such notice and opportunity to cure shall be required in the event of repeated violations or in the event that a condition on or near the subject property poses, in the determination of the Village, a threat of any kind to the public health and safety.

(17) PUBLIC SIDEWALKS

The public sidewalk shall not be removed unless required for construction purposes or if the public sidewalk can be replaced and open to foot traffic within thirty (30) days. When a public sidewalk is removed for construction purposes such as utility or driveway, only the area of the public sidewalk requiring the work shall be removed. This area shall be replaced with compacted stone (three (3) inch base and CA6 top – six (6) inches) within seven (7) days of the completion of the utility or driveway work and shall have a new public sidewalk installed within ninety (90) days of removal, weather permitting.

Whenever a public sidewalk is closed to pedestrian traffic the area shall be marked by barricades on both sides of the area where work is being performed. If, in the opinion of the Community Development Director (or designee), pedestrians need to be informed of the closure, additional barricades with signage will be erected at locations selected by the Community Development Director (or designee).

(18) CONSTRUCTION SITE SIGNAGE

Construction signage shall be placed on all new residential construction.

The builder or developer shall place a construction information sign on the jobsite inside the construction fence on private property clear of any clear line of site sight areas. The sign face shall be a minimum of twenty (20) inches tall and twenty-eight (28) inches long and no larger than forty-eight (48) inches tall and ninety-six (96) inches long. This informational sign shall have lettering large enough to be read from the street curb. This sign is to be erected prior to the start of any construction and shall come down at issuance of the Certificate of Occupancy or completion. This sign shall have the following minimum information:

Address of site
Name of builder and/or developer
Twenty-four (24) hour telephone contact number of builder.

The second sign shall be provided by the Village of Lombard and sold to the builder at the Village's cost, rounded to the next whole ten dollars. The sign is to be attached to the construction safety fence on the street side clear of any clear line of site areas and facing the street. The sign is to be attached prior to demolition or construction and will be removed at the time the safety fence is removed. The sign is the property of the builder and may be reused until the information on the sign is no longer valid or legible. From the time the builder is notified he/she will have thirty (30) days to replace the obsolete sign. The sign will have the following information:

Construction Code of Conduct
Village of Lombard's Building Division Telephone Number
Village of Lombard's website
Twenty-four (24) hour Village contact number
Emergency Contact Number

(19) HOURS OF CONSTRUCTION

See Section 93.02(B) of the Lombard Village Code.

—(B) Applies to Townhouses (Attached Single Family Residences) and use group R-3

~~(1) Maximum number of dwelling units shall be eight (8) per building.~~

~~(2) Minimum building separation shall be 30 linear feet between each building. Fire walls will not be accepted in lieu of linear separation.~~

~~(3) Building height shall be limited two (2) stories or 35 feet.~~

(4) All dwelling units shall have attached garages and constructed above curb grade.

(5) Dwelling units shall be separated vertically by an accepted two (2) hour wall assembly similar to UL Design U 301 and as approved by the Building Division.

(6) Dwelling units shall be separated horizontally by an accepted two (2) hour floor-ceiling assembly similar to UL Design L 518 and as approved by the Building Division.

(7) Attic space shall be separated vertically by an accepted one (1) hour wall assembly similar to UL Design U 305 and as approved by the Building Division.

(8) Garage doors, common with dwelling units shall be equipped with a closer.

(9) The requirement of attached garages may be waived by the Community Development Director or his/her designee when approved on site parking facilities are provided.

—(C) ~~Applies to use group R-3~~ Reserved

~~(1) Minimum building separation shall be 30 linear feet between each building. Fire walls will not be accepted in lieu of linear separation.~~

~~(2) Building height shall be limited to two (2) stories or 35 feet.~~

~~(3) All units shall have attached garages and constructed above curb grade.~~

(D) One Story Frame Detached Garages and Accessory Structures

(1) Construction to follow Chapters 4, 6, 7, 8 and 9 and Village of Lombard Minimum Construction Specification and Detail sheet.

(2) Delete Section 403.1.4 Minimum depth, for single story detached garages only.
(Ord. 5290, passed 5/15/03; Ord. 5481, passed 5/6/04; Ord. 6439, passed 2/4/10; Ord. 6602, passed 4/7/11)

§150.041 EXCEPTIONS TO SPECIAL RESIDENTIAL REQUIREMENTS

Provided that the construction of the building meets all of the following requirements, the restrictions set forth in Section 150.040 (C) (1) and (2) shall be amended to read:

- (A) Access for emergency vehicles is provided to both the front and rear of the building;
- (B) A minimum eight (8) inch diameter watermain is looped around the building, with fire hydrants spaced as approved by the Fire Chief;
- (C) The building is constructed of non-combustible materials (i.e. masonry construction using metal studs);
- (D) The building is protected by an approved automatic sprinkler system designed to meet, at a minimum, NFPA 13R;
- (E) Each townhome unit within the building is separated by a two (2) hour rated masonry firewall, from the foundation to the underside of the roof deck, with factory fire retardant treated decking;
- (F) A place of refuge shall be provided from the third floor of the buildings.
(Ord. 4828, passed 6/15/00)

INTERNATIONAL ENERGY CONSERVATION CODE

§150.045 ADOPTION BY REFERENCE; AMENDMENTS

(A) There is hereby adopted by the Village a certain code known as "The International Energy Conservation Code, latest edition as adopted by the State of Illinois, developed by International Code of Council is hereby adopted by reference. The terms and conditions of the latest edition are hereby to be in full force and effect as adopted by the Village in its entirety and subject to any amendments made thereto.

ILLINOIS STATE PLUMBING CODE

§ 150.050 ADOPTION BY REFERENCE; AMENDMENTS.

(A) The Illinois State Plumbing Code. There is hereby adopted a certain code known as the "Illinois State Plumbing Code, latest ~~E~~dition ~~prepared~~as adopted by the Illinois Department of Health, for the purpose of prescribing regulations for plumbing fixtures, materials, and design and installation methods as minimum standards for plumbing in the Village of Lombard. Said "Illinois State Plumbing Code, latest ~~E~~dition" is hereby adopted by reference in its entirety,

subject to those sections not adopted or amended pursuant to the provisions herein stated below of the Lombard Municipal Code.

(B) Amendments to the Illinois State Plumbing Code.

Page E-1, Section 890.510 (a)(5)

Grease Interceptors Required: Amend paragraph as follows: It is required that interceptors be located outside the building and be accessible for maintenance purposes except when expressly permitted to be installed in an alternative location by the authority having jurisdiction. Grease interceptors/traps shall be designed as to type and size in accordance with the Illinois Plumbing Code.

Page E-2 Section 890.510(C) add the following: All fixtures shall be trapped and vented before discharging into a grease interceptor.

Page E-2, Section 890.520

(a) Gasoline Oil and Flammable Liquids, Interceptors/Separators Required: Amend the first sentence by adding, Commercial vehicle storage or repair garages and gasoline stations with grease racks or pits, interior depressed truck docks and all facilities that have flammable waste...

Page E-2 Section 890.520(a)(1) Add the following: All fiberglass interceptors shall have a cast iron hum or an approved equal.

Page E-5, Section 890.550

Backwater Valves-Sanitary System and Storm System: Add the following: It is recommended that all building drains shall have no openings for fixture drains below the outside grade of the building, such fixture drains where installed, shall drain into an ejector or sump with an automatic mechanical pump. Also see Section 890.1360, Page J-6.

Page E1-2 Appendix E Illustration B Provide a cleanout outside of catch basin.

Page F-9, Section 890.710

Food-Waste Grinders, Subsection (b) Commercial: Amend subsection as follows: Food Waste Grinders are not permitted in commercial occupancies.

Page F-12 Section 890.800

Special equipment

All commercial car, automobile or truck washing equipment shall conform to the Federal requirements for water conservation. Also see Section 890.520(d).

Page I-1 Section 890.1130 add the following line: See the Lombard cross connection control ordinance.

Page I-11 Section 890.1150 add sub section (d)

Potable water supply pipe for commercial buildings shall be connected to the main outside the building with its own control valve in the public right of way. Also see Section 890.1130(a).

Page I-15 890.1200(a) Change the minimum water service from ¾ inch to 1 inch.

Page J-4, Section 890.1340

Determination of Sizes for Drainage System, (b) Minimum Size of Building Drain, Horizontal Branch (4) Amend to read as follows: No portion of the drainage system installed underground shall be less than four (4) inches in diameter, except 2” horizontal branch waste lines, maximum 5’-0” in length from lavatories and showers, can be installed and connected to 4” waste lines.

Appendix A Table A.

Plumbing Materials, Use Restriction and Applicable Standards to be changed as follows: All structure requiring a construction permit: Plumbing Equipment/Material shall include ferrous pipe, fittings and valves and non-metallic/PVC schedule 40 pipe and fittings permitted for interior drain, waste and vent: six (6) inch minimum PVC SDR 26 for exterior underground (building sewer).

Page 3 Appendix A Table A (Waste and Vent)

Eliminate all material except: P.V.C. sch .40 A.S.T.M. 2665 A.S.T.M. 1785
Cast Iron (no hub or pour joint), or
M, L, types copper

Exception: Industrial or Process piping.

Page 5 Appendix A Table A (Sewer)

Eliminate all material except: P.V.C. sch. .40 or greater. A.S.T.M. 2665 A.S.T.M. 1785
Cast Iron
S.D.R. 26

Page 7 Appendix A Table A (Water Service)

Eliminate all material except: Type K copper
Ductile Iron

Page 9 Appendix A Table A (Water Distribution)

Eliminate all material except: Types L, M, or K type copper.

Exception: Reverse osmosis water

Page B-2 Section 890.230 All safe pans are to drain into a trapped and vented p-trap.

Page J-2 Section 890.1320 A 12’ “suds zone” shall be installed at all commercial/multi-family buildings where a laundry stack is present. Suds zone shall tie in a minimum of 12’ from closest fixture.

Page J-4 Section 890.1320 Change existing ordinance from 4" to 3" and insert exception all water closets and floor drains, hub drains and floor sinks are to be 4".

Page J-8 890.1370 Eliminate trap priming device.

Page J-3 890.1320 Insert: Eliminate the use of crosses for water closets, eliminate use of crosses for lavatory sinks unless sink has an accessible cleanout directly above or below crow.

~~Page J-1 890.1320 A All building drains are to be Ductile iron past over dig of house.~~

Page I-14 890.1190 B Insert: All water meters shall have a full port ball valve directly before the meter. A ½ inch boiler drain shall be installed after meter and a second full port ball valve after drain down valve. All boiler drains shall have a vacuum release installed.

Page I-14 890.1190 B Insert: Remote reader to be installed by contractor at time of rough inspection. The remote reader wires to be installed in a pipe conduit flush to the outside wall and within one foot of the water meter.

Page I-18 890.1220 Insert: No water heater larger than 15 gallons shall be placed in a ceiling, or overhead unless it is on a landing and accessible by code approved stairs.

Page I-16 890.1210 Insert: A six gallon water heater shall service one sink only.

Page J-7 890.1370 Insert: All new construction buildings having a laundry room or rooms, shall have an accessible floor drain. All single family/multi family buildings where there has been alteration to the plumbing system in the laundry rooms, shall install an accessible floor drain where one is not already present and accessible.

(Ord. 6602, passed 4/7/11)

INTERNATIONAL PLUMBING CODE – 2009 EDITION

§ 150.070 ADOPTION BY REFERENCE; AMENDMENTS.

(A) There is hereby adopted by the Village a certain code known as “The International Plumbing Code, 2009 Edition developed by International Code of Council is hereby adopted by reference. The terms and conditions of the 2009 Edition are hereby to be in full force and effect as adopted by the Village in its entirety and subject to any amendments made thereto. This is in addition to the current State adopted Plumbing Code, most restrictive to apply.

(B) The International Plumbing Code, 2009 Edition, adopted pursuant to division (A) above, is amended as follows:

101.1 Insert: The Village of Lombard

103.1 Delete “Department of Plumbing Inspection” and insert “Building Division”.

106.5.2. Insert: See the Village of Lombard Ordinances, Section 150.141, Permit Fees.

106.5.3 Fee Refunds: Delete entire Section and insert: See section 150.142, Division (B) for fees.

108.4 Insert: misdemeanor, \$750.00, and 0 days

108.5 Insert: \$50.00 and \$750.00

109.0 Means or Appeal; Delete this Section entirely.

NATIONAL ELECTRICAL CODE-2008

§ 150.060 ESTABLISHMENT OF RULES AND REGULATIONS OF ELECTRICAL INSTALLATION.

The National Electrical Code (2008 Edition), as hereby amended and as modified by this Chapter, shall establish the rules and regulations of electrical installations in the Village.

§ 150.061 DEFINITION

For the purpose of this Chapter the following definitions shall apply unless the context clearly indicates or requires a different meaning.

Electrical Contractor as used in this Chapter means any person, firm or corporation engaged in the business of installing or altering, by contract or otherwise, electrical equipment for the utilization of electricity supplied for light, heat or power or other installations covered in Article 90.2, Scope of the National Electrical Code (2008 Edition); but “electrical contractor” does not include employees of such contractor who perform or supervise such work.

Communications Contractor is one that installs only Class 2 or Class 3 type wiring as defined in Articles 725.1 and 725.2 of the National Electrical Code (2008 Edition) (NEC), and only that portion of the wiring system between the load side of a Class 2 or Class 3 power source and the connected equipment.

(Ord. 5481, Passed 5/6/04; Ord. 6522, passed 9/16/10)

§ 150.062 ELECTRICAL CONTRACTORS AND COMMUNICATIONS CONTRACTORS MUST BE REGISTERED; CERTIFICATE OF INSURANCE.

It is unlawful for any person, firm or corporation to engage in the business of Electrical Contractor or Communications Contractor within the Village of Lombard, without being registered in the manner hereinafter set forth.

(A) Registration. Any person, firm or corporation desiring to engage in the business of an Electrical Contractor or Communications Contractor shall:

(1) Furnish a copy of current registration or license issued by any City, Village or Town in the State of Illinois that was obtained only after the passage of a recognized written test.

(2) Homeowner. A homeowner shall be registered by application to the Village. Said registration shall be restricted to allow work only on the homeowners' personal and primary residence. A qualification test shall be passed in order to secure this registration and permits. No electrical work shall be allowed under this provision in commercial, industrial or multifamily residential occupancies. Work done on these type occupancies shall be performed only by a registered Electrical Contractor.

(B) Use of Permit Issued to Another. It shall be unlawful for any person to install, alter or repair any electrical wires or apparatus by authority of a permit issued to and for the use of some other person.

(C) Permit for Person Not Entitled to One. It shall be unlawful for any registered Electrical or Communications Contractor to secure or furnish a permit for the installation, alteration, and repair of electrical wires and apparatus to any person not entitled to such permit under the regulations of this Chapter.

(D) Revocation of Permits. The Community Development Director or his/her designee is authorized to revoke any permit or certificate obtained by fraud, misrepresentation, or in any way contrary to the provisions of the electrical regulations of this Chapter, for installation, alteration, repair and use of any electrical conductors, electrical equipment, signaling & communications conductors and equipment, and fiber optic cables and raceways.

(E) Certificate of Insurance. Any person, firm or corporation desiring to engage in the business of an Electrical Contractor or Communications Contractor shall furnish a \$300,000 single limit liability manufacturers and contractors liability certificate naming the Village of Lombard as Certificate Holder and Additional Insured.

(Ord. 6522, passed 9/16/10)

§ 150.063 PERMIT REQUIRED

No person shall install any electrical conduits, electrical wires, electrical equipment, apparatus or communications, data, computer or fiber optics cables, conduits, equipment or apparatus in any building or structure, for which a permit is required, until such permit shall have been secured. In case any work is begun without a permit authorizing said work, the Community Development Director or his/her designee shall have the power to stop said work and order all persons engaged therein to stop and desist until the proper permit is secured.

Underground installations in the parkway area require an additional permit (Right-of-Way Permit) from the Village of Lombard Public Works Department.

(Ord. 6522, passed 9/16/10)

§150.064 DISCONNECTION OF ELECTRICAL SERVICES

(A) If any person violates the provisions of this Chapter or maintains any electrical wiring or apparatus or communication, data, computer, or fiber optic cable or equipment found to be dangerous to life and property, the Community Development Director or his/her designee is hereby empowered to cut-off or otherwise disconnect current to said electrical wires or apparatus.

(B) Any person having been stopped from installing electrical work as outlined in Section 150.063 shall, when securing the permit to continue, pay double the permit fees as a penalty. (Ord. 6522, passed 9/16/10)

§ 150.065 PERMIT FEES

All fees for inspection shall be in accordance with schedules under Section 150.140.

§ 150.066 ADOPTION BY REFERENCE AMENDMENTS, ADDITIONS, AND DELETIONS

(A) The National Electrical Code (2008 Edition), as amended, is adopted by reference as modified by this Chapter.

In the event any provisions, articles, wording, and the like, of the National Electrical Code (2008 Edition), as amended, are in conflict with any ordinances, amendments, and/or addendums, as recognized and approved by the Electrical Commission of the Village of Lombard and/or as adopted by the Village of Lombard, or in conflict with the state law, the most restrictive provisions, articles, wording, and the like, shall prevail.

Wiring methods and/or materials listed by the National Electrical Code (2008 Edition), but amended, deleted, prohibited or requiring Special Expressed Written Permission (SEWP) by this Chapter as noted in Subsections (B), (C), (D) below shall be considered to be amended, deleted, prohibited or requiring Special Expressed Written Permission (SEWP) where ever and there after mentioned or referenced in the National Electrical Code (2008 Edition).

(B) The following articles, or portions thereof, of the National Electric Code (2008 Edition) shall be deleted for the purpose of this Chapter:

Article 230.40, Ex.3

Delete Exception No. 3

Article 230.41, Ex.(4)

Aluminum wire not allowed

Article 320

Armored Cable: Type AC

Article 322

Flat Cable Assemblies: Type FC

Article 324

Flat Conductor Cable: Type FCC

Article 328

Medium Voltage Cable: Type MV

Article 334

Nonmetallic Sheathed Cable: Type NM, NMC, & NMS

Article 338

Service Entrance Cable: Type SE & USE

Article 362

Electrical Nonmetallic Tubing: Type ENT

Article 378

Nonmetallic Wireways

Article 382

Nonmetallic Extensions

Article 388

Surface Nonmetallic Raceways

Article 394

Concealed Knob & Tube

Article 396

Messenger Supported Wiring

Article 398

Open Wiring on Insulators

Table 310.15 (B) (6)

120/240 Volt, 3 wire, Single-Phase Dwelling Services and Feeders

Delete entire table

(C) Special Expressed Written Permission. Construction allowed by the following Articles of the National Electrical Code (2008 Edition) shall be permitted with the Special Expressed Written Permission (SEWP) of the Chief Electrical Inspector of the Building Division, and only in those instances where the conditions and standards that may be applicable to such construction are safe and existent, as determined by the Chief Electrical Inspector.

Article 330

Metal Clad Cable: Type MC

Article 340

Type UF

Article 352

Type RNC (See also Subsection (D))

Article 388

Surface Nonmetallic Raceways

Article 392

Cable Trays (See also Subsection (D))

(D) The following Articles of the National Electric Code (2008 Edition) are amended as follows:

Article 110.14 Electrical Connections. (Add the following:)

(A) Terminals. The use of stab type screwless pressure terminals of the conductor push-in type is prohibited.

(B) Splices. The use of device terminals for splicing is strictly prohibited.

Article 110.26 Spaces About Electric Equipment. (Add the following:)

(A) Dead Front Assemblies – When in the judgment of the Chief Electrical Inspector or his/her designee, the conditions of the installation or the equipment being installed or modified require additional clearances at front, sides or rear of electrical equipment, such additional clearances shall be provided.

Article 210.6 Branch Circuit Voltage Limitations. (Add the following:)

(C) 277 volts to ground. Luminaires shall be mounted not less than 8' above the finished floor, measured at their lowest point.

Wall switching shall not exceed 150 volts to ground. All switching mechanisms shall be in listed enclosures. Wiring in concealed spaces shall be in conduit (in listed enclosures). All wall switching shall be installed only in one of the following methods:

Low voltage relay switches, panel board switches, SWD rated circuit breakers or approved 277 volt switching mechanisms shall be installed in listed enclosures. All wiring shall be in conduit unless Class 2, accessible and approved by the Electrical Inspector.

Article 210.19 Conductors – Minimum Ampacity and Size. (Add the following:)

(1) General. All branch circuits shall be wired with copper conductors only.

Article 230.1 Scope. (Add the following:)

Whenever a service is revised or replaced, all current pertinent provisions of this Chapter shall apply.

In residential occupancies, the laundry circuit required by Article 210.11 (C)(2) of the National Electrical Code (2008 Edition) shall be provided.

All service and feeder conductors shall be copper. It is intended that all electrical conductors be copper.

Article 230.42 Size and Rating. (Add the following:)

(A) General. Service conductors shall be all copper. 100 ampere services requires AWG 3 copper conductors, 200 ampere service requires AWG 3/0 copper conductors.

Article 230.43 Wiring Methods for 600 Volts, Nominal, or Less. (Delete the following methods:)

(1) Open Wiring on insulators; (2) TYPE IGS Cable; (5) Electrical metallic tubing; (6) Electrical Nonmetallic Tubing; (7) Service-entrance cables; (13) Type MC cable; (14) Mineral-insulated, metal-sheathed cable; (15) Flexible metal conduit and LFMC, Liquidtight flexible metal conduit; (16) Liquid tight flexible nonmetallic conduit.

Article 230.70 General.

(A) Location. (1) Readily Accessible Location. (Amend to read as follows:) The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure, or inside nearest the point of entrance of the service conductors, in any case within five (5) feet of conduit and conductor entrance to the building.

Article 230.71 Maximum Number of Disconnects. (Replace NEC text with the following:)

(A) General. The service disconnecting means for each service permitted by Section 230.2, or for each set of service-entrance conductors permitted by Section 230.40, Exception Nos. 1, 4 or 5, shall consist of one main switch or circuit breaker. There shall be no more than six (6) main disconnects grouped in any one location. For the purpose of this section, disconnecting means installed as part of listed equipment and used solely for the following shall not be considered a service disconnecting means:

- (1) Power monitoring equipment
- (2) Surge-protective device(s)
- (3) Control circuit of the ground-fault protection system
- (4) Power-operable service disconnecting means

Article 250.64 Grounding Electrode Conductor Installation. (Delete (A) and (B) and replace with the following:)

(A) Only Copper grounding and bonding conductors are allowed.

(B) Securing and Protection from Physical Damage. A grounding electrode conductor or its enclosure shall be securely fastened to the surface on which it is carried. All grounding electrode conductors shall be in an approved raceway. The following raceways shall be approved: rigid

metal conduit, intermediate metal conduit, rigid nonmetallic conduit (Schedule 80) for exterior use; electrical metallic tubing or cable armor for interior use. (C), (D), (E), & (F), (Retain NEC text.)

Article 340 (Add the following:)

UF & BC Cable: Type UF

Approved for use only in exterior underground installations without Special Expressed Written Permission (SEWP); all other uses require SEWP. Article 340 otherwise applies entirely.

Article 348 (Add the following:)

Flexible Metal Conduit: Type FMC

Not approved for use as a general wiring method. Article 348 otherwise applies entirely.

Article 350 (Add the following:)

Liquidtight Flexible Metal Conduit: Type LFMC

Not approved for use as a general wiring method. Article 350 otherwise applies entirely.

Article 352 (Add the following:)

Rigid Nonmetallic conduit: Type RNC

Not approved for use as a general wiring method. Approved for use only in exterior underground installations without Special Expressed Written Permission (SEWP); all other uses require SEWP. Article 352 otherwise applies entirely.

Article 356 (Add the following:)

Liquidtight Flexible Nonmetallic conduit: Type LFNC

Not approved as a general wiring method. Approved for use only in exterior installations and as listed and marked as suitable for the purpose. Article 356 otherwise applies entirely.

Article 366 (Add the following:)

Auxiliary gutters: Metal only are allowed. Article 366 otherwise applies entirely.

Article 392 (Add the following:)

Cable Trays

Section 392.3 Uses Permitted. (Amend first sentence to read:)

Cable trays shall be permitted to be used as a support system for (Delete: Service conductors, feeders, branch circuits) communications circuits, and signaling circuits unless conductors are installed in conduit. Article 392. otherwise applies entirely.

Article 410.2 Definitions.

Closet Storage Space: (Add the following:)

In residential occupancies, all clothes closets over six (6) square feet shall have an approved (listed for use) luminaire installed.

Article 545.4 Manufactured Building – Wiring methods.

(Replace (A) and (B) with the following):

Only wiring methods and materials previously approved by this Chapter shall be authorized for use in manufactured buildings, except that those constructions which require Special Expressed Written Permission for use may be considered on a case by case basis.

Article 600.21 Ballasts, Transformers and Electronic Power Supplies.

(A) Accessibility. (Add the following:)

A code approved enclosure designed for that purpose including a self contained disconnecting means or a disconnecting means installed within (3) three feet and in sight is required.

Article 605.3 (Add after code text:)

The separation of tele-communications, data, video and other Class 1, Class 2 or Class 3 wiring systems from electric light, power and other wiring formats as listed in Article 800; 800.133 (A) (1) (C) and elsewhere throughout National Electrical Code (2008 Edition) shall be maintained.

Optional components or alternate methods may be required.

(Ord. 3267, passed 6/21/90; Ord. 5481, passed 5/6/04; Ord. 6522, passed 9/16/10)

INTERNATIONAL MECHANICAL CODE—2009 EDITION

§ 150.070 ADOPTION BY REFERENCE; AMENDMENTS.

(A) There is hereby adopted by the Village a certain code known as "The International Mechanical Code, 2009 Edition developed by International Code of Council is hereby adopted by reference. The terms and conditions of the 2009 Edition are hereby to be in full force and effect as adopted by the Village in its entirety and subject to any amendments made thereto.

(B) The International Mechanical Code, 2009 Edition, adopted pursuant to division (A) above, is amended as follows:

101.1 Insert: The Village of Lombard

103.1 Delete "Department of Mechanical Inspection" and insert "Building Division".

106.5.2 Insert: See the Village of Lombard Ordinances, Section 150.141, Permit Fees.

106.5.3 Fee Refunds: Delete entire Section and insert: See section 150.142, Division (B) for fees.

108.4 Insert: misdemeanor, \$750.00, and 0 days

108.5 Insert: \$50.00 and \$750.00

109.0 Means of Appeal; Delete this Section entirely.

201.3 Insert the following at the end of paragraph: All references to the ICC Electrical Code shall be deleted and replaced with the National Electric Code and all references to the International Plumbing Code shall be deleted and replaced with the Illinois State Plumbing Code.

Maximum Fixture Flow: Closed System Air Conditioning Units. Installation of closed system air conditioning units shall be required when the builder specifies air conditioning on all new construction and in all new remodeling (Ord. 3221, passed 3/1/90)

Underground HVAC and Duct and Fittings: All underground air ducts and fittings constructed are used within the Village are to be manufactured and tested to meet the requirements contained in the Underwriters Laboratories 181, Standard for Factory Made Air Ducts and Connectors (Ord. 2830, passed 2/27/86)

Flexible Duct: Any flexible duct used or constructed within the Village shall be Underwriters Laboratories listed 181-Class 1, NFPA 90A and 90B, with a minimum six-inch water gauge and a maximum six foot Length (Ord. 2830, passed 2/27/86)

306.3.2 Any furnace placed in an attic shall be installed in an enclosed area with insulation meeting the current energy code, ½” drywall on all sides and ceiling, a ¾” plywood floor, a floor drain, a light, a GFI receptacle, and a smoke detector. Access to the furnace shall be made with a minimum of pull down stairs.

Appendix B:

Delete “Recommended Permit Fee Schedule” and insert: See the Village of Lombard, permit fees, Section 150.141.

INTERNATIONAL FUEL GAS CODE – 2009 EDITION

150.071 HELD IN RESERVE

150.072 ADOPTION BY REFERENCE, AMENDMENTS.

(A) There is hereby adopted by the Village a certain code known as "The International Fuel Gas Code, 2009 Edition developed by International Code of Council is hereby adopted by reference. The terms and conditions of the 2009 Edition are hereby to be in full force and effect as adopted by the Village in its entirety and subject to any amendments made thereto.

101.1 Insert: “Village of Lombard”

ASME/ANSI ELEVATOR CODE

§ 150.075 ADOPTION BY REFERENCE; AMENDMENTS.

The adoption of the Elevator Code. ASME/ANSI Safety Code for Elevators and Escalators (ASME A17.1 2007/CSA B44-07 as amended by ASME A17.1a-2008/CSA B44a-08 and ASME A17.1b-2009/CSA B44-b-09 and performance base Safety Code for Elevators and Escalators (ASME a17.7/CSA B44.7-07) as adopted by the State of Illinois, shall hereby govern the design, construction, installation, operation, inspection, testing, maintenance, alteration, and repair, is adopted by reference with the following amendments:

HOISTWAYS, HOISTWAY ENCLOSURES AND RELATED CONSTRUCTION FOR ELECTRIC ELEVATORS.

Section 104 Guarding of exposed auxiliary equipment, Rule 104.1 Guarding. In machine rooms and secondary machinery spaces, exposed gears, sprockets, tape or rope sheaves or drums of selectors, floor controllers, signal machines or driving machines and their ropes . . . shall be guarded to be protected against accidental contact.

Section 111 Hoistway - Door Locking Devices, Rule 11.9b Location and Design of Hoistway Access Switches (1) The switch shall be installed only at the access landings top floor, and bottom floor. Access switch may only be operable after a transfer switch located on fact or car operating panel and operable by a cylinder type lock is turned on. The lock shall not be operable by any other key used for the elevator of building. Lock to be identified by markings off/Insp.

MACHINERY AND EQUIPMENT FOR ELECTRIC ELEVATORS

Section 204 Car Enclosures, Car Doors and Gates, and Car Illumination, Rule 204.7a Illumination and Outlets Required (3) passenger and freight elevators shall be provided with a standby (emergency) lighting power source . . .

Section 210 Operating Devices and Control Equipment, Rule 210.2 Electrical Protective Devices (S) Car Top and Side - Exit Door Contact Switches.

Section 211 Emergency Operation and Signaling Devices, Rule 211.3b Smoke Detectors. Smoke detectors shall be installed in each elevator lobby at each floor, associated machine room and shaft in accordance with N.F.P.A. No. 72 E. Chapter 4. The activation of a smoke detector in any elevator lobby or associated machine room or hoistway, other than at the designated level . . .

Section 300 Hoistways, Hoistway Enclosures and Related Construction, Rule 300.2 Machine Rooms and Machinery Spaces. Where pumps, motors, valves and electric control equipment are

located in spaces separated from the hoistway . . . by enclosures conforming to the requirements of Rule 101.1a . . .

Section 304 Valves, Supply Piping, and Fittings, Rule 303.3d Supply Line Shut Off Valve . . . The shutoff valve shall be located in the machine room with a permanent handle to be attached to the valve for shutoff purposes.

Section 306 Operating Devices and Control Equipment, Rule 306.2 Top-Of-Car Operating Devices. Top-Of-Car operating devices shall be provided and shall conform with the requirements of Rule 210.1d., (Except for uncounterweighted elevators having a rise of not more than 15 feet; Delete Exception).

PRIVATE RESIDENTIAL ELEVATORS

Section 500 Hoistways, hoistway Enclosures and Related Construction, Rule 501.5 Light in Car . . . Emergency lighting to be provided as per Section 204.7a (3).

Section 509 Emergency Signal Devices, Rule 509.1 Emergency Signal . . . Emergency signaling device to comply with Section 211.1a (3).

INCLINED STAIRWAY CHAIRLIFTS AND INCLINED AND VERTICAL WHEELCHAIR LIFTS

Section 2100 Private Residence Vertical Wheel Chair Lifts, Rule 2100.11 Emergency Signal Devices. Emergency signal device shall be provided and comply with Rules 211.1 a (1), 211.1 a (2), 211.1 a (3) Emergency Operation and Signaling Devices and Rule 204.7 a (3) Illumination and Outlets Required.

ASME/ANSI A17.1a - 1988 ADDENDA

Rule 102.2, Installation of Pipes or Ducts Conveying Gases, Vapors or Liquids in Hoistways, Machine Rooms or Machinery Spaces; paragraph (C) be amended by adding sub-paragraph (6) as follows:

(6) Automatic Sprinklers installed in hoistway pits shall not be subject to the restrictions delineated in paragraph (C), sub-paragraphs (1) through (5) inclusive. Ord. 3244, passed 4/19/90.

§ 150.076 INSPECTION REQUIRED.

Every elevator, movable stage, movable orchestra floor, platform lift, dumbwaiter, or escalator now in operation, or which may hereafter be installed, together with the hoistway and all equipment thereof shall be inspected under and by the authority of the Community Development Director at least once every six months, and in no case shall any new equipment be placed in operation until an inspection of the same has been made. It shall be the duty of every

owner, agent, lessee, or occupant of any building wherein any such equipment is installed, and of the person in charge or control of any such equipment to permit the making of a test and inspection of such elevator, dumbwaiter, or escalator, and all devices used in connection therewith upon demand being made by the Community Development Director, or by his authorized elevator inspector within five days after such demand has been made.

(Ord. 2561, passed 10-28-82) Penalty, see § 150.999

§ 150.077 CERTIFICATE OF INSPECTION.

(A) Whenever any elevators, movable stage, movable orchestra floor, platform lift, dumbwaiter, or escalator has been inspected and the tests herein required shall have been made of all safety devices with which such equipment is required to be equipped, and the result of such inspection and tests shows such equipment to be in good condition, and that such safety devices are in good working condition and in good repair, it shall be the duty of the Community Development Director to issue or cause to be issued a certificate setting forth the result of such inspection and tests containing the date of inspection, the weight which such equipment will safely carry and a statement to the effect that the shaft doors, hoistway, and all equipment, including safety devices, comply with all applicable provisions of § 150.075, upon the payment of the inspection fee required by the building provisions of the building.

(B) It shall be the joint and several duty of the owner, agent, lessee, or occupant of the building in which such equipment is located and of each person in charge or control of such equipment to frame the certificate and plat the same in a conspicuous place in each elevator and near such dumbwaiter, movable stage, movable orchestra floor, platform lift, or escalator. The words safe condition in this section means that it is safe for any load up to the approved weight named in such certificate.

(Ord. 2561, passed 10-28-82) Penalty, see § 150.999

§ 150.078 IMPROPER SAFETY DEVICES.

Where the result of such inspection of such tests shall show that such elevator, movable stage, movable orchestra floor, platform lift, dumbwaiter, or escalator is in any unsafe condition or bad repair, or shall show that any of the safety devices which are required by the building provisions in § 150.075, have not been installed, or if installed, are not in good working order or not in good repair, such certificate shall not be issued until such elevator, its hoistway, and its equipment, or such dumbwaiter, movable stage, movable orchestra floor, platform lift, or escalator, or such device or devices shall have been put in good working order.

(Ord. 2561, passed 10-28-82) Penalty, see § 150.999

§ 150.079 SUSPENSION OF OPERATION.

Whenever any elevator inspector finds any elevator or dumbwaiter, its equipment and hatchway, including doors or any escalator, movable stage, movable floor, or platform lift in an

unsafe condition, he shall immediately report the same to the elevator inspector in charge, who shall report it to the Community Development Director together with a statement of all the facts relating to the condition of such equipment. It shall be the duty of the Community Development Director, upon receiving from the elevator inspector in charge a report of the unsafe condition of such equipment and hatchway, including doors, to order the operation of such equipment to be stopped and to remain inoperative until it has been placed in a safe condition, and it shall be unlawful for any agent, owner, lessee, or occupant of any building, wherein any such equipment is located, to permit or allow the same to be used after the receipt of a notice, in writing that such equipment is in an unsafe condition, and until it has been restored to a safe and proper condition as required by the building provisions of the building code.

(Ord. 2561, passed 10-28-82) Penalty, see § 150.999

§ 150.080 ~~HANDICAPPED~~ACCESSIBILITY REQUIREMENTS.

~~Handicapped~~-Accessibility Requirements. All passenger elevators shall comply with the "Environmental Barriers Act" (EBA) (410 ILCS 25/1 et seq.). January 3, 1997.

One elevator in any building having one or more elevators shall be designed to accommodate a Fire Department stretcher (cab size shall be a minimum of 6'8" in width and 4'3" in depth and have a side opening door of 3'6" min in width). The above is not applicable to one and two family residences.

Ord. 3244, passed 4/19/90; Ord. 5481, passed 5/6/04.

FEDERAL ADA STANDARD – CURRENT

150.085 ADOPTION BY REFERENCE

ILLINOIS ACCESSIBILITY CODE – CURRENT

150.088 ADOPTION BY REFERENCE

INTERNATIONAL PROPERTY MAINTENANCE CODE—2009 EDITION

§ 150.090 **TITLE; SCOPE.**

This subchapter shall be known as the Basic Minimum Property Maintenance Code and shall apply to all structures and properties, including all dwelling units for human occupancy.

(Ord. 2561, passed 10-28-82)

§ 150.091 **ADOPTION BY REFERENCE.**

The International Property Maintenance Code, 2009 Edition as published by the International Code Council, is hereby adopted by reference as the Minimum Property Standards Code of the Village, subject to any amendments made thereto and as enumerated in § 150.092 hereof.

(Ord. 2561, passed 10-28-82; Ord. 5481, passed 5/6/04; Ord. 6603, passed 4/7/11)

§ 150.092 ADDITIONS AND DELETIONS.

The provisions of this section shall supersede and amend the provisions of the code hereby adopted in § 150.091:

A) All words and terms used in said International Property Maintenance Code shall be defined pursuant to the provisions of the village zoning ordinance; provided, however, that a word or term not defined in said zoning ordinance shall be defined as per Article 2 of said International Property Maintenance Code. The Board of Appeals of the village shall constitute the Appeal Board designated in Section PM-111.2, et seq.

(B) Section 101.1 Insert; The Village of Lombard.

(C) Section 103.1 Delete “Department of Property Maintenance Inspection” and insert Building Division”.

(D) Section 106.4; See the fee and penalty sections of ~~this~~these ordinances.

(E) Sections 110.1 to 110.1 inclusive and entitled “Demolition” are hereby deleted. Refer to §150.206 for demolition provisions.

(F) Section PM-304.14 Add the following dates: June 1 through November 1.

(G) Section PM-304.4.1 All property owners that have elevated parking structures constructed prior to 2002 shall have the parking structure and its supporting structural components inspected under the direction of an Illinois Licensed Structural Engineer by December 31, 2012, and shall be inspected every 10 years thereafter. All property owners that have elevated parking structures constructed in or after 2002 shall have the parking structure and its supporting structural components inspected under the direction of an Illinois Licensed Structural Engineer and the Engineer’s report submitted to the Village no later than ten (10) years from the date the construction of the structure was completed~~The Engineer’s report will need to be submitted to the Lombard Building Division~~ or by December 31, 2012-, whichever is last. The cost of the inspection shall be at the expense of the building owner.

(H) Sections PM-304.4.2 All property owners that have buildings constructed using wood “bow-string-roof-trusses” shall have the trusses inspected under the direction of an Illinois Licensed Structural Engineer by December 31, 2011, and shall be inspected every 10 years thereafter. The engineers report will need to be submitted to the Lombard Building Division by December 31, 2011. The cost of the inspection shall be at the expense of the building owner.

(I) Section PM-602.3 Add the following dates: September 15 through June 1.

(J) Section PM-602.4 Add the following dates: November 1 through June 1.
(Ord. 5481, passed 5/6/04; Ord. 6603, passed 4/7/11)

**SECTIONS 150.102 THROUGH 150.113 ARE
INTENTIONALLY LEFT OUT AS THEY ARE
COVERED BY THE FIRE DEPARTMENT
AMENDMENTS – SEE LEGISTAR #120111**