

Request For Board Action

REFERRED TO BOARD February 12, 2018

AGENDA ITEM NO: 12

ORIGINATING DEPARTMENT: Community Development

SUBJECT: Consideration of Re-adoption of the 2012 International Building Codes, 2015 Energy Code, 2011 Electrical Code and local amendments.

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Staff is seeking the re-adoption of the 2012 International Code, 2015 Energy Code and 2011 Electrical Code based on several modifications that were recently proposed for the electrical code. These amendments to the electrical code were also provided to the Illinois Capital Board. The Village Board approved the adoption of these code updates last July, and Staff is seeking the re-adoption of these codes subject to them being posted with the Illinois Capital Board.

FINANCIAL IMPACT: None

DOCUMENTS ATTACHED:

1. Ordinance
2. Staff Report

RECOMMENDED MOTION:

Motion to approve an Ordinance Amending Sections 9-1-1, 9-1-2, And 9-1-3-2 (A) of the Village Code; Building And Related Technical Codes (Icc 2012 And Nfpa-Nec 2011), waiving the second reading.

VILLAGE OF ANTIOCH

18-02-05

**ORDINANCE AMENDING SECTIONS 9-1-1, 9-1-2, AND 9-1-3-2 (A) OF THE VILLAGE CODE;
BUILDING AND RELATED TECHNICAL CODES
(ICC 2012 AND NFPA-NEC 2011)**

ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES

OF THE

VILLAGE OF ANTIOCH, ILLINOIS

ON

FEBRUARY 12, 2018

Published in pamphlet form by authority of the Village Board
of the Village of Antioch, Lake County, Illinois,
this 14th day of February, 2018.

LAWRENCE M. HANSON	President	MARY C. DOMINIAK	Trustee
LORI K. ROMINE	Clerk	JERRY T. JOHNSON	Trustee
ROBERT J. LONG	Attorney	JAY JOZWIAK	Trustee
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		SCOTT A. PIERCE	Trustee
		TED P. POULOS	Trustee

ORDINANCE NO.18-02-05

**ORDINANCE AMENDING SECTIONS 9-1-1, 9-1-2, AND 9-1-3-2 (A) OF THE
VILLAGE CODE; BUILDING AND RELATED TECHNICAL CODES
(ICC 2012 AND NFPA-NEC 2011)**

WHEREAS, it has been determined by the Department of Planning, Zoning and Building and the Board of Trustees that it is in the best interest of the Village of Antioch to update and amend the building and related technical codes;

WHEREAS, it has been determined by the Electrical Commission of the Village of Antioch that the Electrical Code should be updated and amended;

WHEREAS, the Illinois Compiled Statutes, 55 ILCS 5/5-1064, requires that municipalities within the metropolitan area adopt and enforce building codes at least as stringent as those adopted by the county in which the municipality is located;

WHEREAS, the Insurance Services Office, Inc., (ISO), has encouraged jurisdictions nationwide to adopt the new model codes;

WHEREAS, on February 23, 2005, in accordance with State Law, 20 ILCS 3918/55, (PA92-489), the Director of Planning, Zoning and Building provided the required 30-day notice to the State of Illinois Capital Development Board's Division of Building Codes & Regulations concerning the proposal to adopt the new model codes;

NOW THEREFORE, BE IT ORDAINED BY THE MAYOR AND VILLAGE BOARD OF TRUSTEES OF THE VILLAGE OF ANTIOCH, COUNTY OF LAKE, STATE OF ILLINOIS, as follows:

Section 1. The Mayor and Board of Trustees hereby find the facts as stated in the preamble hereof are true and correct and said findings are hereby made a part of this Ordinance.

Section 2. That Section 9-1-1 of the Village Code be amended to read:

9-1-1: ADOPTION OF CODES: The documents listed below, one copy of which is on file in the office of the Village clerk, are adopted as the building code of the Village for the control of buildings and structures. Each and all of the regulations, provisions, penalties, conditions and terms of the codes listed below are referred to, adopted and made a part hereof, as if fully set out in this chapter, with the additions, insertions, deletions and changes, if any, set forth in section 9-1-2 of this chapter. If there are any conflicts between the codes set forth herein, or between the codes set forth herein and other regulations of the Village, or any technical codes adopted by the Lake County Board, pursuant to State Law (55 ILCS 5/5-1064), the more restrictive shall apply.

- A. Building:** International Building Code 2012, as published by the International Code Council, (hereinafter referred to as the ICC), Country Club Hills, IL 60478-5795, and abbreviated "IBC."
- B. Residential:** International Residential Code for One- and Two- Family Dwellings 2012, as published by the ICC, and abbreviated "IRC."
- C. Fire Prevention:** International Fire Code 2012, as published by the ICC, and abbreviated "IFC."
- D. Fuel Gas:** International Fuel Gas Code 2012, as published by the ICC in conjunction with the American Gas Association, Washington, D.C, and abbreviated "IFGC."
- E. Mechanical:** International Mechanical Code 2012, as published by the ICC, and abbreviated "IMC."
- F. Property Maintenance:** International Property Maintenance Code 2012, as published by the ICC, and abbreviated "IPMC."
- G. Swimming & Spa:** International Swimming Pool and SPA Code 2012, as published by the ICC, and abbreviated "ISPSC."
- H. Life Safety:** NFPA 101 - Life Safety Code, published by the National Fire Prevention Association, (NFPA), Quincy, Massachussets, that edition as currently adopted by reference with Section 100.7 of title 41, fire protection, chapter I: office of the state fire marshall (OSFM) and as amended from time to time by the OSFM, (425 ILCS 25/9).
- I. Electrical:** NFPA 70 - National Electrical Code 2011, as published by the National Fire Prevention Association, and abbreviated "NEC."
- J. Plumbing:** Current edition of the Illinois Plumbing Code as published by the Illinois Department of Public Health, and as authorized by the Illinois Compiled Statutes (225 ILCS 320, et.seq.)
- K. Energy** Current edition of the State of Illinois Energy Conservation Code.

Section 3. That Section 9-1-2 of the Village Code be amended to read:

9-1-2: **Amendments to Adopted Codes:**

A. International Building Code (IBC) The 2012 international Building Code are hereby adopted with the following amendments:

General Amendments

ICC Electrical Code

Any and all references in the ICC International Building Code to the ICC Electrical Code are hereby deleted and replaced with NFPA 70 – National Electrical Code 2011 Edition.

ICC International Existing Building Code

Any and all references in the ICC International Building Code to the ICC International Existing Building Code are hereby deleted with no substitution.

ICC International Plumbing Code

Any and all references in the ICC International Building Code to the ICC International Plumbing Code are hereby deleted and replaced with the State of Illinois Plumbing Code, current edition.

ICC International Energy Conservation Code

Any and all references in the ICC International Building Code to the ICC International Energy Conservation Code are hereby deleted and replaced with the State of Illinois Energy Conservation Code, current edition.

Code Official

Any and all references in the ICC International Building Code to the Code Official are hereby deleted and replaced with "**Building Official**".

Specific amendments.

Page 1	Section 101.1	Replace [NAME OF JURISDICTION] with " the Village of Antioch " in the second line.
Page 1	Section 101.2 Exception	Delete all the words that are after "detached one and two family dwellings".
Page 2	Section 103	Delete the words "DEPARTMENT OF BUILDING SAFETY" and insert the words " Planning, Zoning & Building Department ".
Page 2	Section 103.1	Delete the words "Department of Building Safety" and insert the words " Planning, Zoning & Building Department ".

Page 2	Section 103.3	Delete the last sentence with no substitution.
Page 3	Section 105.1.1	Delete the last sentence with no substitution.
Page 3	Section 105.1.2	Delete the last sentence with no substitution.
Page 3 & 4	Section 105.2	<p>Building</p> <p>Amend Item # 1.</p> <p>Playhouses and similar uses, provided the floor area does not exceed 120 square feet.</p> <p>Item # 6 Delete the words "and are not part of an accessible route" at the end of the paragraph.</p> <p>Delete with no substitution Items 2, 3, 4, 5, and 8.</p>
Page 4	Section 105.3	Item #6 Delete the word "applicant" and "applicant's" and insert the word " owner " and " owner's ".
Page 5	Section 105.5	<p>Delete the existing Section and insert the words:</p> <p>Permit time limits. All permits shall become void if;</p> <ol style="list-style-type: none"> 1. A substantial start of construction is not made within 6 months from the date of issuance. 2. Substantial work is not performed during any 6 month period. 3. Within 2 years from date of issuance of a building permit a Certificate of Occupancy is not issued. 4. Permits for above ground or in ground swimming pools are not completed after a one-year period. 5. Permits for demolition are not completed 90 days after date of issuance. 6. Permits for fences, re-siding, re-roofing, decks, electrical up grade, sheds, detached garages, screen porches and any minor alteration to an existing building that does not exceed 400 square feet are not completed six months after issuance.
Page 5	Section 107.1	Delete the words " two or more " and insert the word " three ".
Page 5	Section 107.2.1	<p>Delete the words: "Electronic media documents are permitted to be submitted when approved by the building official." and insert "Scale of plans shall be not less than 1/8 inch to a foot or more than ¼ inch to a foot.</p> <p>Exception: Sections or sketches drawn to a larger scale for clarity."</p>

Page 6	Section 107.2.5	In the first sentence delete the word "a site plan" and insert the words "three site plans" .
Page 6	Section 107.3.1	Delete the words "as "Reviewed for Code Compliance" with no substitution.
Page 8	Section 111.2	Delete the words "that contains the following." And all of the numbered items with no substitution. Insert a sentence that reads "The Certificate of Occupancy shall be as prescribed by the Building Official."
Page 9	Section 113	<p>Delete the entire section and replace with the following:</p> <p>113.1 Application for Appeal: Any person shall have the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.</p> <p>113.2 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional or financial interest.</p> <p>113.3 Compensation of Members: Compensation of members shall be determined by law.</p> <p>113.4 Notice of Meeting: Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.</p> <p>113.5 Open Hearing: All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.</p> <p>113.5.1 Procedure: The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.</p> <p>113.6 Administration: The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.</p>

Page 9	Section 114.4	Delete the words " penalties as prescribed by law " and insert the words " a fine of \$500.00 per offense. Each week shall constitute a separate offense. "
Page 9	Section 115.1	<p>Add a new subsection to read as follows:</p> <p>115.1.1 Boarding Up: Boarding up a vacant or unsafe structure is considered a temporary measure until a decision can be made as to what remedy the owner wants to pursue as provided in this section; but in no case, can exceed six (6) months or a time as the code official may deem necessary to protect public safety and welfare.</p>
Page 11	Section 201.3	Delete in its entirety and amend to read: " Where terms are not defined in this code such terms shall have meanings ascribed to them as in other code publications adopted within section <u>9-1-1</u> of the Village Code. "
Page 45	Table 307.7(1)	Change the amount of "1000" to "750" under flammable gas category, column gas (cubic feet).
Page 49	Section 310.1	Under the R-3 Group add a paragraph that reads " All two (2) hour fire separation assemblies between R-3 residential units shall not contain any mechanical or plumbing systems, unless the mechanical or plumbing system is part of a tested assembly. Electrical systems shall be allowed in accordance with the 2011 National Electrical Code. "
Page 57	Section 403.1	Add a sentence to the end of the paragraph that reads " The height of the building for fire department access shall be measured from the average grade elevation to the highest finished floor level. "
Page 72	Section 411.1	<p>Change the existing exception to number "1" and add another exception to read,</p> <p>"2. A temporary use permit (not to exceed 30 days) may be issued for a haunted house in an existing structure provided the following criteria is approved.</p> <ul style="list-style-type: none"> A. A special inspection has been conducted and the report is in the office. B. A plot plan showing sufficient parking for the anticipated customers and all structures on the property.

- C. A floor plan showing the existing and proposed layout of partitions, windows and means of egress.
- D. A list of all interior finishes and materials to be used for decorations and their flame spread and smoke development ratings.
- E. Plans showing permanent, temporary and emergency lighting.
- F. Methods of assuring continuous movement of occupants through the amusement such as but not limited to;
 - 1) Permanently stationed supervisory personnel.
 - 2) Directional arrows.
 - 3) Other means.
 - 4)
- G. **Method of assuring fire protection such as but not limited to;**
 - 1) An automatic sprinkler system.
 - 2) Fire detection/alarm system.
 - 3) Portable fire extinguishers."

Page 97	Section 505.2.2	Delete the words "Section 1007" and insert the words "State of Illinois Accessibility Standard".
Page 203	Section 901	<p>Add section [F] 901.9 Key Box</p> <p>[F] 901.9.1 Where Required: A key box shall be required in any building that is required by this code to have a fire suppression, fire protective signaling or a fire detection system.</p> <p>[F] 901.9.2 Supervision: All required key boxes shall be electronically supervised.</p> <p>[F] 901.9.3 Contents of Key Box: All required key boxes shall contain keys to all areas required by the code official.</p>
Page 204	[F] Section 903.2	<p>Add the following line before the exception:</p> <p>An automatic sprinkler system shall be provided, where not otherwise specified in this section, for all new buildings and structures over 10,000 square feet in fire area,</p>
Page 204	[F] Section 903.2	<p>To the heading "Automatic Sprinkler Systems Section 903", add section 304 "Business Group B", page 42 to the group of sections that include section 903.2.4 (F-1), page 205, sections 903.2.7 (M), 903.2.9 (S-1), page 206, that all require an automatic sprinkler system.</p>

Add, to use group B, the following three choices of which 1 has to exist to require automatic sprinklers:

1. Where a group B fire area exceeds 10,000 square feet;
2. Where a group B fire area is located three or more stories above grade; or
3. Where the combined area of all group B fire areas on all floors, including any mezzanines, exceed 10,000 square feet.

Page 204 [F] Sections 903.2.1.1

Item #1, change "12,000 square feet" to "5,000 square feet".

Add the following at the end of section 903.2.1.1 as numbered:

5. Where the total combined areas of use group A-1, A-3, and A-4 fire areas on all floors exceed 10,000 square feet.
6. Where any use groups A-1, A-3, and A-4 fire areas is three or more stories above grade on any one side.

Page 166 [F] Section 903.2.1.2

Add the following:

4. Where the total combined area of use group A-2 fire areas on all floors exceed 5,000 square feet.
5. Where any use group's A-2 fire area is three or more stories above the grade on any one side.

Page 205 [F] Sections 903.2.1.3,

Item #1, change "12,000 square feet" to "5,000 square feet".

Add the following at the end of section 903.2.1.3 as numbered:

5. Where the total combined areas of use group A-1, A-3, and A-4 fire areas on all floors exceed 10,000 square feet.
6. Where any use groups A-1, A-3, and A-4 fire areas is three or more stories above grade on any one side.

Page 205 [F] Sections 903.2.1.4

Item #1, change "12,000 square feet" to "5,000 square feet".

Add the following at the end of section 903.2.1.4 as numbered:

5. Where the total combined areas of use group A-1, A-3, and A-4 fire areas on all floors exceed 10,000 square feet.
6. Where any use groups A-1, A-3, and A-4 fire areas is three or more stories above grade on any one side.

Page 205	[F] Sections 903.2.3	<p>Item #1, change "12,000 square feet" to "5,000 square feet".</p> <p>Add the following at the end of [F] Section 903.2.3 as numbered:</p> <p>4. Where the total combined areas of use Group E fire areas on all floors exceed 10,000 square feet.</p> <p>5. Where any use Group E fire areas is three or more stories above grade on any one side.</p>
Page 205	[F] Sections 903.2.4	<p>Group F-1</p> <p>Item #1, change "12,000 square feet" to "10,000 square feet".</p> <p>Item #3, change "24,000 square feet" to "10,000 square feet".</p>
Page 206	[F] Sections 903.2.7	<p>Group M</p> <p>Item #1, change "12,000 square feet" to "10,000 square feet".</p> <p>Item #3, change "24,000 square feet" to "10,000 square feet".</p>
Page 206	[F] Sections 903.2.8	<p>Group R, add "as follows":</p> <p>[F] 903.2.8.1 Group R-1 or R-2.</p> <p>[F] 903.2.8.2 Group R-3 or R-4</p> <ol style="list-style-type: none"> 1. Where a Group R-3 or R-4 fire area exceeds 5,000 square feet; 2. Where a Group R-3 or R-4 fire area is located three or more stories above grade; or 3. Where the combined area of all Group R-3 or R-4 fire areas on all floors, including any mezzanines, exceed 10,000 square feet. <p>[F] 903.2.8.3 Care Facilities. An automatic sprinkler system installed in accordance with Section 903.1.3 shall be permitted in care facilities with 3 or more individuals in a single-family dwelling.</p>
Page 208	[F] Section 903.3.1.4	<p>Add a subsection to read;</p> <p>"903.3.1.4 Emergency power supply. Every automatic fire suppression system that requires or is equipped with an electric fire pump shall have an emergency generator to provide power in the case of primary power loss.</p> <p>Exception. Upon submittal of documentation from the Fire Chief having jurisdiction of the area, stating that he has reviewed all pertinent information concerning the interruption of the power supply of the area and is accepting the utility provider as a</p>

reliable power supply for the fire pump.

Page 211 [F] Section 905

Add to section [F] 905.3 this paragraph before the exception.

Cross Connection: The potable water supply shall be protected against backflow in accordance with the requirements of the State of Illinois Plumbing Code.

Page 214 [F] Section 906.1

Change to read "Portable fire extinguishers shall bear the label of an approved agency, be of an approved type and be installed in a location visible and available to the occupants."

Add this section:

[F] Section 906.2 Where Required: A portable fire extinguisher shall be installed in the following locations in accordance with NFIPA (same as NFPA) 10 listed:

1. In all use groups, except R-3 and R-4, in accordance with NFIPA (same as NFPA) 10.
2. In all areas containing commercial kitchen exhaust hood systems;
3. In all areas where fuel is dispensed;
4. In all areas where a flammable or combustible liquid is used in the operation of spraying, coating, or dipping;
5. In all occupancies in use group I-3 at staff locations. Access to portable extinguishers shall be permitted to be locked;
6. On each completed floor of buildings under construction, other than occupancies in use group R-3.
7. In any laboratory, shop or other room occupied for similar purposes; and
8. Where required by the fire prevention code listed in chapter 35.

Page 215 [F] Section 907.1

Add to section [F] 907.1.4 as follows:

907.1.4 Fire Alarm Control Panel

907.1.4.1 Location: Fire alarm control panel shall be located by the nearest logical emergency response entrance.

Exception: When a fire alarm annunciator panel is located at the logical emergency response entrance, the fire alarm control panel may be located by the main power circuit panels.

907.1.4.2 All fire alarm control panels shall be addressable and shall display the exact location of the

activated device.

907.1.4.3 All fire alarm control panels shall be capable of having the audio signal silenced without resetting the fire alarm control panel.

Page 225 [F] Section 907.6.1

Change the subsection to read as follows:

Wiring: All wiring shall conform to the requirements of NFIPA (same as NFPA) 72 listed in chapter 35. In addition the minimum wire size for all audio-visual devices shall be 14 gauge solid wire. All other devices, the minimum wire size shall be 18 gauge solid wire. The maximum I/R drop for all indicating circuits shall not exceed 10% of the rated voltage.

Page 225 [F] Section 907.6.3

Change "22,500" to "10,000" and "300" to "100".

Page 238 [F] Section 916

Add this section:

Section 916.0 Supervision

[F] Section 916.1 Fire Suppression System: All automatic fire suppression systems required for occupancies in use group A, B, E, H, I, M or R shall be supervised by 1 or 2 below.

1. Approved central-station system in accordance with NFIPA (same as NFPA) 71;

Page 243 Section 1006.1

Illumination required.

After the words exit discharge insert the words "and toilet rooms"

Page 243 Section 1007

Delete the entire section and insert a new section to read:

Section 1007 Accessible Means of Egress

1007.1 Accessible Means of Egress Required.

Accessible means of egress shall comply with the Illinois Capitol Development Board, Accessibility Standards.

Page 248 Section 1008.1.5

Add new subsection to read:

1008.1.5.1 Grade Exit Discharge Doors: Where required to swing in the direction of egress travel, all required grade exit doors shall be provided with a hard surfaced area underneath the door swing.

1008.1.5.2 Stoop surface: The exterior surface

shall have a slip resistant surface that has a slope not greater than 1:50 in any direction.

1008.1.5.3 Support: Sufficient wing walls and/or foundation wall is required under all stoops. Wing walls shall have a minimum of one (1) number 4 reinforcing bar located not more than six (6) inches beneath the top edge of concrete and extending downward into the foundation wall not less than two (2) feet.

1008.1.5.4 Stoop extension: The outer perimeter of the stoop shall not project out beyond the wing wall and/or foundation wall more than twelve (12) inches in any direction."

Page 281 Chapter 11

Delete the entire Chapter and insert a new section to read:

Chapter 11 Accessibility

1101.1 Scope. The provisions of the State of Illinois Accessibility Standards shall control the design and construction of facilities for accessibility to physically disabled persons.

Page 345 Section 1608.1

Add to the end of the paragraph;
"In no case shall the design snow load be less than 30 pounds per square foot.

Page 405 Section 1808.7.4

Change this section to require the top of a foundation to be a minimum of 6" above the finished Grade.

Page 407 Section 1809.5

Delete from Item #1 the words "**below the frost line of the locality**" and insert the words "**a minimum of forty-two (42) inches measured from adjacent finished grade level.**"

Page 547 Table 2902

Delete the entire table and insert "**Table B**" from the State of Illinois Plumbing Code.

Page 550 Section 2902.6 (New)

Add a new section to read;
2902.6 Waste lines. All plumbing waste lines that are located in, or under concrete slabs shall be cast iron.

Exception: Waste lines that go through the foundation wall shall be ductile iron and extend on the outside of the foundation wall a minimum of five feet.

B. Residential Codes: The 2012 International Residential Code for One- and Two-Family Dwellings are hereby adopted with the following amendments:

General Amendments

ICC Electrical Code

Any and all references in the ICC International Residential Code to the ICC Electrical Code are hereby deleted and replaced with NFPA 70 – National Electrical Code 2011 Edition.

ICC International Existing Building Code

Any and all references in the ICC International Residential Code to the ICC International Existing Building Code are hereby deleted with no substitution.

ICC International Plumbing Code

Any and all references in the ICC International Residential Code to the ICC International Plumbing Code are hereby deleted and replaced with the State of Illinois Plumbing Code, current edition.

Code Official

Any and all references in the ICC International Residential Code to the Code Official are hereby deleted and replaced with "**Building Official**".

Specific amendments.

Page 1	Section R101.1	Replace [NAME OF JURISDICTION] with " the Village of Antioch " in the second line.
Page 2	Section R103	Delete the words "DEPARTMENT OF BUILDING SAFETY" and insert the words " Planning, Zoning & Building Department ".
Page 2	Section R103.1	Delete the words "DEPARTMENT OF BUILDING SAFETY" and insert the words " Planning, Zoning & Building Department ".
Page 3	Section R105.2	Amend item 1, delete with no substitution Items 2, 3, and 10. Add # 11 to read as follows: 11. Structures determined by the Building Official to be eligible for the Registration Program. Item #1 "One story detached <i>accessory structures</i> used as tool and Storage sheds, Playhouses and similar uses, provided the floor area does not exceed 200 square feet" Item #2 "Fences not over 7 feet high." Item #3 "Retaining walls that are not over 4 feet in height measured from the bottom of the footing to

the top of the wall, unless supporting a surcharge."
Item #10 "Decks not exceeding 200 square feet in area, that are not more than 16 inches above grade at any point, are not attached to a dwelling, are not part of a pool barrier, and do not serve the exit door required by section R311.4."

Page 5 Section 105.7

Delete the entire section and replace with the following:

R105.7 Placement of Permit. The building permit card shall be kept on the site of the work in an accessible location, protected from adverse weather until the completion of the project.

Page 6 Section 109.1.1

Change the title of this section from Foundation Inspection to Footing Inspection.

Page 8 Section R112

Delete the entire section and replace with the following:

SECTION R112 BOARD OF APPEALS

R112.1 Application for Appeal: Any person shall have the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.

R112.2 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional or financial interest.

R112.3 Compensation of Members: Compensation of members shall be determined by law.

R112.4 Notice of Meeting: Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.

R112.5 Open Hearing: All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.

R112.5.1 Procedure: The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will

be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

R112.6 Administration: The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.

Page 48 Section R302

Delete this section with no substitution.

Page 51 Table R302.6

All references to ½ inch gypsum board should be changed to 5/8 inch Type X gypsum board.

Delete the last line in the table.

Add the following Exception:

Exception: One and two family dwellings that are protected by an automatic residential fire sprinkler system shall be allowed to substitute ½ inch gypsum board in place of 5/8 inch Type X gypsum board.

Page 54 Section R305.1

Change the section to read as follows:

Minimum height. *Habitable space*, hallways, bathrooms, toilet rooms, laundry rooms and portions of basements containing the spaces shall have a ceiling height of not less than 7'6".

Page 54 Section R305.1

Add an additional exception numbered 3 to read as follows:

3. Ceilings and finished basements can have a minimum height less than 7' 6" provided that no permanently installed fixtures will extend below 7 feet.

Page 62 Section R313

Delete the entire section with no substitution.

Page 63 Section R314.3.1

Change this section to read as follows:

Alterations, repairs and additions. When alterations, repairs or additions requiring a permit occur, and the cost of the alterations, repairs or additions exceeds 50% of the assessed value of the dwelling or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings.

Page 78 Table R403.1

Delete the current Table and insert the following:

Table R403.1
 MINIMUM WIDTH OF CONCRETE,
 PRECAST OR MASONRY FOOTINGS (inches)

Number of stories and type of construction	Thickness of footing (inches)	Projection on each side of foundation wall (inches)
One story (without basement)		
Frame	8	4
Masonry veneer on frame	8	4
Masonry	8	4
One story (with basement)		
Frame	8	4
Masonry veneer on frame	8	4
Masonry	8	4
Over one story (with or without a basement)		
Frame	8	4
Masonry veneer on frame	8	4
Masonry	12	6

Page 109 Section R405.1

Rewrite this section as follows and delete the exception:

R405.1 Concrete or masonry foundations.

Drains shall be provided around all concrete or masonry foundations that retain earth and enclose crawl spaces, habitable or usable spaces located below grade. The foundation drain shall consist of drainage tiles or perforated pipe placed on a minimum of 2 inches of washed gravel or crushed rock with a minimum aggregate size of one half inch in diameter and covered with not less than 12 inches of the same material. Foundation drains must be covered with a filter membrane with a minimum width of 18 inches. Foundation drains must connect to a sump pit located inside the basement or crawl space of the dwelling. The drains must discharge by gravity or mechanical means into an approved drainage system.

Page 112 Section R408.6

Rewrite this section as follows:

R408.6 Finished grade. The finished grade of under floor surfaces must be located a minimum of 24 inches and a maximum of 42 inches below the bottom of the floor framing.

Page 112 Section 408.7

Delete this section with no substitution

Page 157 Section 602.3.2

Delete the exception.

C. C. Fire Prevention. The International Fire Code 2012 are hereby adopted with the following amendments:

General Amendments

ICC Electrical Code

Any and all references in the ICC International Fire Code to the ICC Electrical Code are hereby deleted and replaced with NFPA 70 – National Electrical Code 2011 Edition.

ICC International Plumbing Code

Any and all references in the ICC International Fire Code to the ICC International Plumbing Code are hereby deleted and replaced with the State of Illinois Plumbing Code, 2014 edition.

Code Official

Any and all references in the ICC International Fuel Gas Code to the Code Official are hereby deleted and replaced with "**Building Official**".

Specific Amendments

Page 1	Section 101.1	Replace [NAME OF JURISDICTION] with " the Village of Antioch " in the second line.
Page 2	Section 103	Delete Section 103 with no substitution.
Page 4	Section 105.1.2	Types of permits. Delete #1 and change #2 to #1
Page 4.	Section 105.3.4	Add new section to read: 105.3.4.1 Temporary Permit: When a temporary hazardous situation is anticipated or discovered for conditions not otherwise regulated by this code the fire code official is authorized, based on applicable data, to issue a temporary permit with appropriate conditions deemed necessary for the safety, health and welfare of the public.
Page 12	Section 108	Delete the entire section and replace with the following: 108.1 Application for Appeal: Any person shall have the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.

108.2 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional or financial interest.

108.3 Compensation of Members: Compensation of members shall be determined by law.

108.4 Notice of Meeting: Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.

108.5 Open Hearing: All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.

108.5.1 Procedure: The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

108.6 Administration: The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.

Page 12 Section 109.1

Section 109.1 Unlawful Acts, add the following sections:

Section 109.1.1: No person shall deliberately or maliciously turn in an alarm of fire when in fact that person knows that no fire or emergency exists. No person shall activate any installed fire protection system for the purpose other than emergency, maintenance, drills or other prescribed testing.

Section 109.1.2: The owner or tenant shall be charged for false alarms in accordance with village code for fire protection malfunctions in excess of five (5) per year.

Page 14 Section 113

Section 113, Fees,
Delete this section with no substitution.

Page 46 Section 305.1

Add a new subsection to read:

305.1.1 Proper Clearance: Proper clearances, as required by the mechanical code and NFPA #704 listed in chapter 80, shall be maintained between heating and lighting equipment and combustible and flammable materials so that continuous operation of

full capacity will not increase the combustible or flammable materials to their ignition temperature or flash point.

Page 46 Section 305.1.1

Add a new subsection to read:

305.1.1 Portable Heaters: Portable heaters shall be listed devices and designed and located so they cannot be easily overturned. The code official may prohibit the use of portable heaters in occupancies or situations in which such use or operation would present an undue danger to life or property.

Page 46 Section 307

Section 307.1 Add the following:

Open burning shall be in accordance with the Village of Antioch Nuisance Ordinances found in Chapter 1 of the Antioch, Illinois Village Code.

Page 99 Section 901

Add section **[F] 901.11 Key Box**

[F] 901.11.1 Where Required: A key box shall be required in any building that is required by this code to have a fire suppression, fire protective signaling or a fire detection system.

[F] 901.11.2 Supervision: All required key boxes shall be electronically supervised.

[F] 901.11.3 Contents of Key Box: All required key boxes shall contain keys to all areas required by the code official.

Page 100 [F] Section 903.2

Add the following line before the exception:

An automatic sprinkler system shall be provided, where not otherwise specified in this section, for all new buildings and structures over 10,000 square feet in fire area,

Page 100 [F] Section 903.2

To the heading "**Automatic Sprinkler Systems Section 903**", add section 304 "**Business Group B**", page 42 to the group of sections that include section 903.2.4 (F-1), page 205, sections 903.2.7 (M), 903.2.9 (S-1), page 206, that all require an automatic sprinkler system.

Add, to use group B, the following three choices of which 1 has to exist to require automatic sprinklers:

1. Where a group B fire area exceeds 10,000 square feet;

		<ul style="list-style-type: none"> 2. Where a group B fire area is located three or more stories above grade; or 3. Where the combined area of all group B fire areas on all floors, including any mezzanines, exceed 10,000 square feet.
Page 100	[F] Sections 903.2.1.1	<p>Item #1, change "12,000 square feet" to "5,000 square feet".</p> <p>Add the following at the end of section 903.2.1.1 as numbered:</p> <ul style="list-style-type: none"> 5. Where the total combined areas of use group A-1, A-3, and A-4 fire areas on all floors exceed 10,000 square feet. 6. Where any use groups A-1, A-3, and A-4 fire areas is three or more stories above grade on any one side.
Page 100	[F] Section 903.2.1.2	<p>Add the following:</p> <ul style="list-style-type: none"> 4. Where the total combined area of use group A-2 fire areas on all floors exceed 5,000 square feet. 5. Where any use group's A-2 fire area is three or more stories above the grade on any one side.
Page 100	[F] Sections 903.2.1.3,	<p>Item #1, change "12,000 square feet" to "5,000 square feet".</p> <p>Add the following at the end of section 903.2.1.3 as numbered:</p> <ul style="list-style-type: none"> 5. Where the total combined areas of use group A-1, A-3, and A-4 fire areas on all floors exceed 10,000 square feet. 6. Where any use groups A-1, A-3, and A-4 fire areas is three or more stories above grade on any one side.
Page 100	[F] Sections 903.2.1.4	<p>Item #1, change "12,000 square feet" to "5,000 square feet".</p> <p>Add the following at the end of section 903.2.1.4 as numbered:</p> <ul style="list-style-type: none"> 5. Where the total combined areas of use group A-1, A-3, and A-4 fire areas on all floors exceed 10,000 square feet. 6. Where any use groups A-1, A-3, and A-4 fire areas is three or more stories above grade on any one side.

Page 100	[F] Sections 903.2.3	<p>Item #1, change "12,000 square feet" to "5,000 square feet".</p> <p>Add the following at the end of [F] Section 903.2.3 as numbered:</p> <ol style="list-style-type: none"> 4. Where the total combined areas of use Group E fire areas on all floors exceed 10,000 square feet. 5. Where any use Group E fire areas is three or more stories above grade on any one side.
Page 100	[F] Sections 903.2.4	<p>Group F-1</p> <p>Item #1, change "12,000 square feet" to "10,000 square feet".</p> <p>Item #3, change "24,000 square feet" to "10,000 square feet".</p>
Page 101	[F] Sections 903.2.7	<p>Group M</p> <p>Item #1, change "12,000 square feet" to "10,000 square feet".</p> <p>Item #3, change "24,000 square feet" to "10,000 square feet".</p>
Page 101	[F] Sections 903.2.8	<p>Group R, add "as follows":</p> <p>[F] 903.2.8.1 Group R-1 or R-2.</p> <p>[F] 903.2.8.2 Group R-3 or R-4</p> <ol style="list-style-type: none"> 1. Where a Group R-3 or R-4 fire area exceeds 5,000 square feet; 2. Where a Group R-3 or R-4 fire area is located three or more stories above grade; or 3. Where the combined area of all Group R-3 or R-4 fire areas on all floors, including any mezzanines, exceed 10,000 square feet. <p>[F] 903.2.8.3 Care Facilities. An automatic sprinkler system installed in accordance with Section 903.1.3 shall be permitted in care facilities with 3 or more individuals in a single-family dwelling.</p>
Page 104	[F] Section 903.3.1.4	<p>Add a subsection to read;</p> <p>903.3.1.4 Emergency power supply. Every automatic fire suppression system that requires or is equipped with an electric fire pump shall have an emergency generator to provide power in the case of primary power loss.</p> <p>Exception. Upon submittal of documentation from the Fire Chief having jurisdiction of the area, stating that he has reviewed all</p>

pertinent information concerning the interruption of the power supply of the area and is accepting the utility provider as a reliable power supply for the fire pump.

Page 108 [F] Section 905

Add to section [F] 905.3 this paragraph before the exception.

Cross Connection: The potable water supply shall be protected against backflow in accordance with the requirements of the State of Illinois Plumbing Code.

Page 111 [F] Section 906.1

Add the following:

7. In all areas where fuel is dispensed;
8. In all areas where a flammable or combustible liquid is used in the operation of spraying, coating, or dipping;
8. Where required by the fire prevention code listed in chapter 35.

Page 113 [F] Section 906.11

Add the following:

[F] 906.11 Servicing Agency: Portable fire extinguishers shall bear the label of an approved agency, be of an approved type and be installed in a location visible and available to the occupants.

Page 113 [F] Section 907.1

Add to section [F] 907.1.4 as follows:

907.1.4 Fire Alarm Control Panel

907.1.4.1 Location: Fire alarm control panel shall be located by the nearest logical emergency response entrance.

Exception: When a fire alarm annunciator panel is located at the logical emergency response entrance, the fire alarm control panel may be located by the main power circuit panels.

907.1.4.2 All fire alarm control panels shall be addressable and shall display the exact location of the activated device.

907.1.4.3 All fire alarm control panels shall be capable of having the audio signal silenced without resetting the fire alarm control panel.

Page 122	[F] Section 907.6.1	<p>Change the subsection to read as follows:</p> <p>[F] 907.6.1 Wiring: All wiring shall conform to the requirements of NFIPA (same as NFPA) 72 listed in chapter 35. In addition the minimum wire size for all audio-visual devices shall be 14 gauge solid wire. All other devices, the minimum wire size shall be 18 gauge solid wire. The maximum I/R drop for all indicating circuits shall not exceed 10% of the rated voltage.</p>
Page 122	[F] Section 907.6.3	<p>Change "22,500" to "10,000" and "300" to "100".</p>
Page 137	[F] Section 916	<p>Add this section:</p> <p>Section 916.0 Supervision</p> <p>[F] Section 916.1 Fire Suppression System: All automatic fire suppression systems required for occupancies in use group A, B, E, H, I, M or R shall be supervised by:</p> <ol style="list-style-type: none"> 1. Approved central-station system in accordance with NFIPA (same as NFPA) 72;
Page 143	Section 1006.1	<p>[B] 1006.1 Illumination required.</p> <p>After the words exit discharge insert the words "and toilet rooms"</p>
Page 143	Section 1007	<p>Delete the entire section and insert a new section to read:</p> <p style="text-align: center;">SECTION 1007 ACCESSIBLE MEANS OF EGRESS</p> <p>[B] 1007.1 Accessible Means of Egress Required. Accessible means of egress shall comply with the Illinois Capitol Development Board, Accessibility Standards.</p>
Page 148	Section 1008.1.5	<p>Add new subsection to read:</p> <p>[B] 1008.1.5.1 Grade Exit Discharge Doors: Where required to swing in the direction of egress travel, all required grade exit doors shall be provided with a hard surfaced area underneath the door swing.</p> <p>[B] 1008.1.5.2 Stoop surface: The exterior surface shall have a slip resistant surface that has a slope not greater than 1:50 in any direction.</p>

[B] 1008.1.5.3 Support: Sufficient wing walls and/or foundation wall is required under all stoops. Wing walls shall have a minimum of one (1) number 4 reinforcing bar located not more than six (6) inches beneath the top edge of concrete and extending downward into the foundation wall not less than two (2) feet.

[B] 1008.1.5.4 Stoop extension: The outer perimeter of the stoop shall not project out beyond the wing wall and/or foundation wall more than twelve (12) inches in any direction."

Page 409 Section 6109.13

Add the following:

6109.13.1 Barrier Protection. Barrier protection from vehicles shall stop a vehicle from coming in contact with LP-Gas storage containers. Such barriers shall meet the requirements of IBC 2012 1607.8.3.

D. Fuel Gas Code: The 2012 International Fuel Gas Code are hereby adopted with the following amendments:

General Amendments

ICC Electrical Code

Any and all references in the ICC International Fuel Gas Code to the ICC Electrical Code are hereby deleted and replaced with NFPA 70 – National Electrical Code 2011 Edition.

ICC International Existing Building Code

Any and all references in the ICC International Fuel Gas Code to the ICC International Existing Building Code are hereby deleted with no substitution.

ICC International Plumbing Code

Any and all references in the ICC International Fuel Gas Code to the ICC International Plumbing Code are hereby deleted and replaced with the State of Illinois Plumbing Code, 2014 edition.

Code Official

Any and all references in the ICC International Fuel Gas Code to the Code Official are hereby deleted and replaced with "**Building Official**".

Specific Amendments

Page 1 Section 101.1

Replace **[NAME OF JURISDICTION]** with "**the Village of Antioch**" in the second line.

Page 5 Section 106.6.2

[A] 106.6.2 Fee Schedule

Delete the words "as indicated in the following schedule." and "[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]". Insert the words "the effective fee schedule as adopted by the Village of Antioch".

Page 7 Section 108.4

108.4 Violation penalties

Delete the words "[SPECIFY OFFENSE]" and insert the word "petty offense". In the eighth (8th) line delete the word "[AMOUNT]" and insert the number "\$500.00". In the ninth (9th and tenth (10th) lines delete the words "or by imprisonment not exceeding [NUMBER OF DAYS], or both such fine and imprisonment." In the last sentence delete the word "day" and insert the word "week".

Page 7 Section 109

SECTION 109 (IFGC) MEANS OF APPEAL

Delete the entire section and replace with the following:

109.1 Application for Appeal: Any person shall have the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.

109.2 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional or financial interest.

109.3 Compensation of Members: Compensation of members shall be determined by law.

109.4 Notice of Meeting: Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.

109.5 Open Hearing: All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.

109.5.1 Procedure: The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will

be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

109.6 Administration: The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.

Page 95 Section 504.2.10

Corrugated vent connector size

Delete this entire section with no substitution.

E. Mechanical Code. The International Mechanical Code 2012 are hereby adopted with the following amendments:

General Amendments

ICC Electrical Code

Any and all references in the ICC International Mechanical Code to the to the ICC Electrical Code are hereby deleted and replaced with NFPA 70 – National Electrical Code 2011 Edition.

ICC International Existing Building Code

Any and all references in the ICC International Mechanical Code to the ICC International Existing Building Code are hereby deleted with no substitution.

ICC International Plumbing Code

Any and all references in the ICC International Mechanical Code to the ICC International Plumbing Code are hereby deleted and replaced with the State of Illinois Plumbing Code, current edition.

Code Official

Any and all references in the ICC International Mechanical Code to the Code Official are hereby deleted and replaced with "**Building Official**".

Specific Amendments.

Page 1 Section 101.1 Replace **[NAME OF JURISDICTION]** with "**the Village of Antioch**" in the second line.

Page 5 Section 106.5.2 **[A] 106.5.2 Fee Schedule**

Delete the words "**as indicated in the following schedule.**" and "**[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]**". Insert the words "**the effective fee schedule as adopted by the Village of Antioch**".

Page 5 Section 106.5.3 Delete Section 106.5.3 with no substitution

Page 7 Section 108.4

[A]108.4 Violation penalties.

Delete the words "[SPECIFY OFFENSE]" and insert the word "petty offense" in the 7th line. Delete the word "[AMOUNT]" and insert the number "\$500.00" in the 8th line. In the 8th and 9th lines, delete the words "or by imprisonment not exceeding [NUMBER OF DAYS], or both such fine and imprisonment." In the last sentence delete the word "day" and insert the word "week".

Page 7 Section 108.5

[A]108.4 Stop Work Orders.

In the fourteeneth (14th) line, delete the first reference to "[AMOUNT]" and insert the number "\$100.00". Delete the second reference to "[AMOUNT]" and insert the number "\$500.00".

Page 7 Section 109

**SECTION 109
MEANS OF APPEAL**

Delete the entire section and replace with the following:

109.1 Application for Appeal: Any person shall have the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.

109.2 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional or financial interest.

109.3 Compensation of Members: Compensation of members shall be determined by law.

109.4 Notice of Meeting: Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.

109.5 Open Hearing: All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.

109.5.1 Procedure: The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will be conducted. The procedures shall not require

compliance with strict rules of evidence but shall mandate that only relevant information be received.

109.6 Administration: The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.

F. Property Maintenance The International Property Maintenance Code 2012 are hereby adopted with the following amendments:

General Amendments

ICC Electrical Code

Any and all references in the ICC International Property Maintenance Code to the ICC Electrical Code are hereby deleted and replaced with NFPA 70 – National Electrical Code 2011 Edition.

ICC International Existing Building Code

Any and all references in the ICC International Property Maintenance Code to the ICC International Existing Building Code are hereby deleted with no substitution.

ICC International Plumbing Code

Any and all references in the ICC International Property Maintenance Code to the ICC International Plumbing Code are hereby deleted and replaced with the State of Illinois Plumbing Code, 2014 edition.

Code Official

Any and all references in the ICC International Property Maintenance Code to the Code Official are hereby deleted and replaced with "**Building Official**".

Specific Amendments

Page 1	Section 101.1	Replace [NAME OF JURISDICTION] with " the Village of Antioch " in the second line.
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Page 5	Section 103.5	[A] 106.6.2 Fees Delete the words " as indicated in the following schedule. " and " [JURISDICTION TO INSERT APPROPRIATE SCHEDULE] ". Insert the words " the effective fee schedule as adopted by the Village of Antioch ".
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Page 5	Section 108.2,2	Closing Of Vacant Structures, Section 108.2.2 <u>Boarding Up</u> : Boarding up a vacant or unsafe structure is considered a temporary measure until decision can be made as to what remedy the owner wants to pursue as provided in this section.
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If any window or door remains boarded up for more than fifteen (15) days, but less than ninety (90) days, the plywood or other board covering the window or door must be covered with a weather-resistant paint or provided with other weather-resistant finish.

If any window remains boarded up for ninety (90) or more days, the window shall be covered with two shutters, each containing a minimum of two raised panels. The shutters shall be covered with a weather-resistant paint or otherwise covered with a weather-resistant finish.

If any door remains boarded up for ninety (90) or more days, the door shall be covered with a solid door containing a minimum of two raised panels. The solid door shall be covered with a weather-resistant paint or otherwise covered with a weather-resistant finish.

Page 7 Section 111

**SECTION 111
MEANS OF APPEAL**

Delete the entire section and replace with the following:

[A] 111.1 Application for Appeal: Any person shall have the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.

[A] 111.2 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional or financial interest.

[A] 111.3 Compensation of Members: Compensation of members shall be determined by law.

[A] 111.4 Notice of Meeting: Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.

[A] 111.5 Open Hearing: All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.

[A] 111.5.1 Procedure: The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

[A] 111.6 Administration: The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.

Page 11 Section 302.4

Weeds

Replace **[JURISDICTION TO INSERT HEIGHT IN INCHES]** with more than **8"** inches in height. in the third line.

Page 13 Section 304.14,

Insect Screens,

Replace **[DATE] to [DATE]** with "May 15" and "September 30", respectively in the first and second lines.

Page 21 Section 602.3

Heat Supply.

Replace **[DATE] to [DATE]** with "October 1st" and "May 15th", in the fifth line.

Page 21 Section 602.4

Occupiable work spaces.

Replace **[DATE] to [DATE]** with "October 1st" and "May 15th", in the third line.

G. Swimming & Spa: The International Swimming Pool and SPA Code 2012, as published by the ICC, and abbreviated "ISPSC" are hereby adopted with the following amendments:

General Amendments

Any and all references in the ICC International Swimming Pool and SPA Code to the Code Official are hereby deleted and replaced with "**Building Official**".

ICC International Plumbing Code

Any and all references in the ICC International Swimming Pool and SPA Code to the ICC International Plumbing Code are hereby deleted and replaced with the State of Illinois Plumbing Code, current edition.

Specific amendments.

Page 1	Section 101.1	Replace [NAME OF JURISDICTION] with " the Village of Antioch " in the second line.
Page 2	Section 103.1	Delete the words "Department of Building Safety" and insert the words " Planning, Zoning & Building Department ".
Page 4	Section 105.3	Change the first sentence to read as follows "Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced, or if the work authorized by such permit is not completed within one year of the date of permit issuance."
Page 4	Section 105.4	Delete the last sentence of this section with no substitution.
Page 4	Section 105.6.2	Fee Schedule Delete the words " as indicated in the following schedule. " and " [JURISDICTION TO INSERT APPROPRIATE SCHEDULE] ". Insert the words " the effective fee schedule as adopted by the Village of Antioch ".
Page 6	Section 105.6.3	Delete the entire section and insert the following The Building Official shall authorize the refunding of fees in accordance with the current adoption of the Department Policy and Procedure Relating to Fee Refunds and Reductions.
Page 6	Section 107.4	Change this section to read as follows: Any person who shall violate any provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair an aquatic vessel in violation of the approved construction documents or directive of the Building Official, or of a permit or certificate issued under the provisions of this code, shall be subject to a fine of \$500 per offense. Each week shall constitute a separate offense.
Page 6	Section 108	SECTION 108 MEANS OF APPEAL

Delete the entire section and replace with the following:

108.1 Application for Appeal: Any person shall have the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.

108.2 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional or financial interest.

108.3 Compensation of Members: Compensation of members shall be determined by law.

108.4 Notice of Meeting: Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.

108.5 Open Hearing: All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.

108.5.1 Procedure: The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

108.6 Administration: The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.

Page 14 Section 305.4

Change the first paragraph to read as follows:

Where a wall of a dwelling or structure serves as part of the barrier, doors that provide direct access to the aquatic vessel through the wall shall be equipped with one or more of the following:

H. Life Safety: The NFPA 101 Life Safety Code 2000 as adopted by the Illinois Office of the State Fire Marshall, (section 100.7 of title 41: Fire Protection, chapter 1), is adopted by the Village with no further changes.

I. **Plumbing Code:** The Current edition of the Illinois Plumbing Code as published by the Illinois Department of Public Health, and as authorized by the Illinois Compiled Statutes (225 ILCS 320, et.seq.) is adopted with no changes.

J. **Electrical Code:** In addition to the adoption of the NFPA 70 - National Electrical Code 2011, the Village requires the following specific restrictions as to new and remodeled constructions:

Code Official

Any and all references in the ICC International Residential Code to the Code Official are hereby deleted and replaced with "**Building Official**".

General Amendments

In addition to the adoption of the NFPA 70 - National Electrical Code 2011, the Village requires the following specific restrictions as to new and remodeled constructions (Note – page numbers shown are taken from the NEC Handbook):

Page	Section	
		Switch Location: All switches that control required lighting outlets shall be located in the same room as the outlet(s). There shall be, at each point of entry and/or exit to a room, the same control required lighting outlet or switched outlet. Switches shall be located adjacent to the door opening or wall opening and shall be located on the latch side of the doorway. The above rule shall also apply to hallways and passageways. The electrical inspector or building inspector shall control the number and placement of switches in hallways and passageways.
		Conduit Required: All underground services and overhead services shall be installed in metal conduit from meter to breaker panel box. When installing thin wall conduit appropriate fittings are required (watertight compression connectors and couplings).
		Independent Branch Circuits: Separate branch circuits are required for furnaces, dishwashers, sump pumps, ejector pumps, whirlpool tubs and washers and dryers. These must be independent from all other outlets and circuits.
		Aluminum Wire: Use of aluminum wire is prohibited for electrical services and wiring of structures, unless otherwise permitted by the Electrical Inspector or Building Code Official.

Minimum Amperage For One- And Two-Family Residential: All new construction of single- and two-family homes will have a minimum of a two hundred (200) amp service. All upgrades (revisions) of electrical services will be a minimum of one hundred (100) amps.

Electric Pipe: For all new construction of any building or structure requiring electrical wiring, said wiring shall be done in electric pipe (EMT) (electrical metallic tubing).

Remodeled Or Rehabilitated Structures: The electrical inspector or the head of the building department shall have the authority to authorize the use of non-metallic sheathed cable or armored cable or metal-clad cable for structures being remodeled or rehabilitated. If no determination is made as to the use of wiring, then the applicant must use EMT (electric metallic tubing). The determination to use non-metallic sheathed cable must be in writing and signed by the electrical inspector or head of the building department as part of the permit process.

Licensed Contractor: All electrical work performed as part of new construction or extensive remodeling shall be performed under the supervision of an electrical contractor who possesses a current electrical contractor's license from an Illinois municipality or equivalent. Minor additions or revisions to electrical work performed by the owner-occupant of a single-family residence may be performed by that owner, with the approval of the village's electrical inspector.

The licensed electrical contractor shall submit to the village an original certificate of insurance documenting that the contractor carries insurance with minimum coverage of one million dollars (\$1,000,000.00). Such coverage shall include general liability - bodily injury, property damage, and workers' compensation. No permit may be issued in the absence of this certificate.

Specific Amendments

Page 11 Section 90.10

Add the following section:

SECTION 90.10 MEANS OF APPEAL

Delete the entire section and replace with the following:

(A) Application for Appeal: Any person shall have

the right to appeal a decision of the Building Official to the Zoning Board of Appeals. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent form of construction is to be used.

(B) **Disqualification of Member:** A member shall not hear an appeal in which that member has any personal, professional or financial interest.

(C) **Compensation of Members:** Compensation of members shall be determined by law.

(D) **Notice of Meeting:** Any appeal must be filed with the Zoning Board of Appeals within 30 days after the date of the Building Official's decision thereon.

(E) **Open Hearing:** All hearings before the Board of Appeals shall be open to the public. The appellant, the appellant's representative, the Building Official and any person whose interests are affected shall be given an opportunity to be heard.

(F) **Procedure:** The Zoning Board of Appeals shall adopt and make available to the public through the Secretary, procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

(G) **Administration:** The Building Official shall take immediate action in accordance with the decision of the Zoning Board of Appeals.

Page 90 Section 210.8

Add the following to the "Exception 2 (5)":

Single dedicated receptacles that supply power to sump pumps, battery backup sump pumps, ejector pumps, dedicated appliance circuits, and garage door openers.

Page 93 Section 210-11a

Number of Branch Circuits

Add the following to the end of this section:

The total number of openings for any branch circuit shall not exceed 9 openings for a 15 ampere circuit or 12 openings for a 20 ampere circuit.

Page 93 Section 210-12

Arc-Fault Circuit-Interrupter Protection (AFCI)

Insert the following exception:

Exception to 210-12(B) In circumstances where the Building Official deems that it is not practical to comply with this requirement due to existing conditions, the requirement can be waived, provided every effort is made to comply with the intent of the code.

Page 166 Section 230-43

Wiring Methods for 600 volts Nominal, or Less

Add a new number twenty (20) to read:

“(20) For overhead service entrance cables on the outside of one and two family dwelling, only items 3, 4 or 5 above are allowed.” (Only rigid metal conduit or intermediate metal conduit or electrical metallic tubing)

Page 167 Section 230-50

Protection Against Physical Damage

Add a new number seven (7) to read:

“(7) for overhead service entrance cables on the outside of one and 2 family dwellings, only items 1,2 or 4 above are allowed.” (Only rigid metal conduit or intermediate metal conduit or electrical metallic tubing)

Page 300 Section 300-5(A)

Minimum Cover Requirements.

Add a paragraph to the end of the section to read:

“Underground installation of an electrical service cannot be located in the same trench with plumbing or gas service(s) unless the minimum distance between utility services located in the same trench, shall be a minimum of twelve (12) inches measured in a horizontal dimension. Utility services located in separate trenches shall be located a minimum of twelve (12) inches apart horizontally.”

Exception: Plumbing and electrical systems that are part of a swimming pool installation may be located in the same trench in circumstances where the Building Official determines that it is not practical to comply with the separation requirement.

Page 383 Section 320-12

Uses Not Permitted

Add a new number (6) to read:

(6) “In any occupancy other than one and two family dwellings.”

Page 402 Section 334-10

Uses Permitted

Delete Items (2), (3), and (5) with no substitution.

K. Energy Conservation: The Current edition of the State of Illinois Energy Conservation Code is adopted with no changes.

Section 4. Section 9-3-2 (A) of the Village Code (smoke detectors) is hereby amended to read:

1. All new single-family buildings shall have smoke detectors hardwired into the electrical system. Smoke detectors shall also be of the design to include a battery backup contained within the unit. An approved Underwriter Laboratories rated smoke detector shall be installed on each floor of the building. The smoke detectors shall be located within the laundry area, furnace area, and bedroom or sleeping area as determined by the authority having jurisdiction. Smoke detectors shall be interconnected so that if one is activated all will activate.

2. All residential smoke detectors shall be connected to a dedicated circuit strictly for smoke detector use only. The circuit shall be labelled smoke detectors. At the time of final inspection, the circuit shall be secured, (breaker lock-out), in the on position so that it cannot be turned off.

Section 5. EFFECTIVE DATE. This Ordinance shall be published in pamphlet form as provided by law and shall be in full force and effect from and after its passage and approval.

PASSED AND APPROVED by the Mayor and Board of Trustees of the Village of Antioch, Lake County, Illinois on this 12th day of February, 2018.

YEAS: 6: Jozwiak, Pierce, Poulos, Dominiak, Johnson and Macek.
NAYS: 0.
ABSENT: 0.

ATTEST:


Lori Romine, Village Clerk


Lawrence Hanson, Mayor



STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)

CERTIFICATE

I, Lori K. Romine, certify that I am the duly appointed Municipal Clerk of the Village of Antioch, Lake County, Illinois.

I certify that on February 12, 2018, the Corporate Authorities of such municipality passed and approved Ordinance No. 18-02-05, entitled “ORDINANCE AMENDING SECTIONS 9-1-1, 9-1-2, AND 9-1-3-2 (A) OF THE VILLAGE CODE; BUILDING AND RELATED TECHNICAL CODES (ICC 2012 AND NFPA-NEC 2011)” which provided by its terms that it should be published in pamphlet form.

The pamphlet form of **Ordinance No. 18-02-05**, including the Ordinance and cover sheet thereof, was prepared, and a copy of such Ordinance was posted in the municipal building, commencing on February 14, 2018 and continuing for at least ten days thereafter. Copies of such Ordinance were also available for public inspection upon request in the office of the Municipal Clerk.

DATED at Antioch, Illinois, this 14th day of February, 2018.


Lori K. Romine, RMC/CMC
Village Clerk

