

CITY OF WARRENVILLE

MEMORANDUM

To: Mayor, City Council, City Administrator White, and Community Development Director Mentzer

From: Michelle Lilley, Chief Code Official *ML*

Subject: PROPOSED COMPREHENSIVE REVISION TO TITLE 8 OF THE CITY CODE AND ADOPTION OF UPDATED BUILDING CODES

Date: January 5, 2023

PURPOSE OF MEMO:

This memorandum has been prepared to:

1. Provide a background and additional information and details supporting staff's recommendation to adopt updated building codes

REASONS FOR UPDATING CITY BUILDING CODES:

New changes in technology and building materials. Updated codes that produce a more valuable building benefit builders in addition to owners. On the residential side, the relatively small percentage increase in construction costs for homes built under updated codes is more than offset by improved quality and safety. Likewise, a home costing less to own and operate should produce a higher return at sale and resale. Construction methods, technology and building materials continuously change and keeping building codes current allows for builders to take advantage of those updates.

With the adoption of updated codes, staff will have the “tools” necessary to allow new construction to take advantage of modern day advances in building materials and construction methods and ensure new construction is performed in a safe and sustainable way.

Adopting sound codes. Codes published by International Code Council (ICC) are vetted through a governmental consensus process that involves hundreds of code and building experts participating on committees and attending code hearings specifically conducted to evaluate the merits of the updated codes. Upon publication, the ICC codes are clear, concise, and technically solid. Jurisdictions that adopt the ICC codes are better protected from litigation. With this in mind, staff recommends, wherever possible, the City rely on the nationally accepted standards of the ICC codes and to keep local amendments to a minimum.

Insurance Rates. The Building Code Effectiveness Grading Schedule (BCEGS) is one of the tools the insurance industry uses to determine rates. Keeping Building Codes current helps improve a communities BCEGS rating and will directly positively impact insurance rates for the life of buildings constructed within that community during that rating period.

STAFF RECOMMENDATION:

Staff recommends the City Council authorize staff to work with the City Attorney to prepare the ordinance(s) required to:

- Replace the 2015 International Building Code and existing amendment with the adoption of the 2021 International Building Code with local amendments outlined in Exhibit A.
- Replace the 2015 International Residential Code and existing amendments with the adoption of the 2021 International Residential Code with local amendments outlined in Exhibit A.
- Replace the 2015 International Mechanical Code and existing amendments with the adoption of the 2021 International Mechanical Code with local amendments outlined in Exhibit A.
- Replace the 2015 International Fuel Gas Code and existing amendments with the adoption of the 2021 International Fuel Gas Code and local amendments outlined in Exhibit A.
- Replace the 2014 National Electrical Code and existing amendments with the adoption of the 2020 National Electrical Code with local amendments outlined in Exhibit A
- Replace the 2015 International Fire Code and existing local amendments with the adoption of the 2021 International Fire Code with local amendments outlined in Exhibit A.
- Re-adoption of the most current published edition of the Illinois State Plumbing Code outlined in Exhibit A
- Replace the 2015 International Existing Building Code and existing amendments with the adoption of the 2021 International Existing Building Code with local amendments outlined in Exhibit A.
- Adopt most current published International Energy Conservation Code with Illinois amendments also known as the Illinois Energy Code.
- Replace the 2015 International Solar Energy Provisions and existing amendment with the adoption of the 2021 International Solar Energy Provisions with local amendments outlined in Exhibit A.
- Replace the 2015 International Swimming Pool and Spa Code and existing amendment with the adoption of the 2021 International Swimming Pool and Spa Code with local amendments outlined in Exhibit A.

Exhibit A highlights (in red font) the various revisions that would need to be made to existing City code provisions to implement staff's recommendations.

EXHIBIT A

TITLE 8 BUILDING REGULATIONS

All assessed fees and refunds shall be in accordance with Chapter 20 of Title 8 of the City Code.

All violation penalties and stop work orders shall be in accordance with Chapter 20 of Title 8 of the City Code.

CHAPTER 1 BUILDING CODE (IBC)

SECTION:

8-1-1: Adoption Of The Building Code

8-1-2: Amendments To The Building CodeThe following sections and appendices of the IBC 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the IBC 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the IBC 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the IBC 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the IBC 2021.

SECTION:

8-1-1: ADOPTION OF THE BUILDING CODE:

A certain document, ~~three (3) copies~~ a copy of which ~~are~~ is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2015-2021~~ edition of the International Building Code, as published by the International Code Council, Inc., shall be, and the same is hereby adopted as the Building Code of the City of Warrenville in the State of Illinois, for regulating and governing the conditions and maintenance of all property, buildings and structures; by providing the standards for supplied utilities and

facilities and other physical things and conditions essential to ensure that structures are safe, sanitary and fit for occupation and use; and the condemnation of buildings and structures unfit for human occupancy and use and the demolition of such structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ~~2015-2021~~ edition of the International Building Code are hereby 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, prescribed in section 8-1-2 of this chapter. (Ord. 02017-38, 6-19-2017)

8-1-2: AMENDMENTS TO THE BUILDING CODE:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

~~The following sections of the 2015 edition of the International Building Code are hereby amended and revised as follows:~~

Section 101.1 Title. Insert: City of Warrenville

Section 103.1 Creation of enforcement agency. Insert Building Division

Section 105.2 Work exempt from permit

Building:

Amend Building exemption 1 as follows: One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 50 square feet.

Amend Building exemption 2. Fences. Delete and replace as follows: Repair or replacement of ~~E~~existing permitted gates, and of existing fences not exceeding 30% of the existing linear length, provided repairs or replacement is fabricated with materials of the same style and dimensions.

Building exemption ~~56~~. Delete (sidewalks and driveways)

Add SSection 107.1.1 Fire District Plan Review. Not less than ~~two~~ three (23) set of plans for attached dwelling units, institutional, commercial, or industrial buildings shall be provided to the Warrenville Fire Prevention District for review and comments. Within seven (7) business days of receipt of the same, the Warrenville Fire Protection District shall examine said plans to determine whether they comply with the applicable provisions of the International Building Code® and amendments provided in 8-1-2 of the City of Warrenville Municipal Code. If the submitted plans comply with aforementioned codes and amendments, then the Fire Prevention Bureau shall endorse said plans accordingly and deliver the same to the Building Division. If submitted plans do not meet the provisions of aforementioned codes, then the plans shall be returned to the applicant with a memorandum identifying the specific deficiencies and code section(s) cited. The building division reserves the right not to issue any building permit for attached dwelling units, institutional, commercial, or industrial buildings unless or until the plans for the same have been approved by the Warrenville Fire Protection District. All applicable fees for reviews and inspections assessed by the Warrenville Fire Protection District be paid by the applicant directly to the Warrenville Fire Protection District.

Section 113 Board of Appeals. Delete this section in its entirety and replace as follows:

Section 113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the Chief Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The City of Warrenville Plan Commission shall be the board of appeals.

Section 113.2 Limitations on authority. 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 equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

~~Section 903.2 Where required (Automatic Sprinkler System). Delete and replace as follows: Approved automatic sprinkler systems shall be installed in all new non-residential buildings regardless of use, occupant load, or square footage stated in 903.2.1 through 903.2.7.1 and 903.2.9 through 903.2.12. [LM1]~~

Section 903.2.1.1 Group A-1: Change #1 to read:

1. The fire area exceeds 5,000 square feet.

Section 903.2.1.2 Group A-2: Change #1 read as follows:

1. The fire area exceeds 2,500 square feet.

Section 903.2.1.3 Group A-3: Change #1 read as follows:

1. The fire area exceeds 5,000 square feet.

Section 903.2.1.4 Group A-4: Change #1 to read:

1. The fire area exceeds 5,000 square feet.

Section 903.2.1.13 Group B: Add the following:

An automatic sprinkler system shall be provided throughout buildings containing a group B occupancy where one of the following conditions exist:

1. Where a group B fire area exceeds 5,000 square feet.
2. Where a group B fire area is located more than two (2) stories above grade plane.
3. Where a group R fire area is located above a group B fire area.

Section 903.2.3 Group E: Change #1 to read as follows:

1. Throughout all group E fire areas greater than 2,500 square feet in area.

Section 903.2.4 Group F (F-1 & F-2): Change #1, 2, and 3 to read as follows:

An automatic sprinkler system shall be provided throughout all buildings containing use group F occupancy where one of the following conditions exists:

1. Where a group F fire area exceeds 5,000 square feet.
2. Where a group F fire area is located more than 3 stories above grade plane; or
3. Where the combined area of all use group F fire areas on all floors, including any mezzanines, exceeds 5,000 square feet.

Section 903.2.6 Group I: Delete exceptions #1, 2, and 3.

Section 903.2.7 Group M: Change #1 and 3 to read as follows:

1. Where a group M fire area exceeds 5,000 square feet.
3. Where the combined area of all use group M fire areas on all floors, including any mezzanines, exceeds 5,000 square feet.

Section 903.2.7.2 Group M upholstered furniture or mattresses. An automatic sprinkler system shall be provided throughout a Group M fire area where the area used for the storage, display and/or sale of upholstered furniture or mattresses exceeds 2,500 square feet.

Section 903.2.9 Group S-1: Change #1, 2, and 3 to read as follows:

An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A group S-1 fire area exceeds 5,000 square feet.
2. A group S-1 fire area is located more than 2 stories above grade plane, or
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 5,000 square feet.

Section 903.2.9.1 Repair Garages: Change #1 and 2 to read as follows:

1. Buildings have two or more stories above grade plan, including basements, with a fire area containing a repair garage exceeding 5,000 square feet.
2. Buildings not more than one story above grade plan, with a fire area containing a repair garage exceeding 5,000 square feet.

Section 903.2.10 Group S-2 enclosed parking garages: Change #1 and 2 to read as follows:

1. Where the fire area of the enclosed parking garage exceeds 5,000 square feet.
2. Delete the exception.

Subsection 1101.22.1 Design. Add: Compliance with the current edition of the Illinois Accessibility Code is required.

Chapter 13, 1301.1.1 delete and replace with Buildings shall be designed and constructed in accordance with the Illinois Energy Conservation Code.^[LM2]

Amend Section 1612.1 General. Within flood hazard areas as established ~~is amended by deleting the words "in section 1612.3" and replacing it with the following:~~ "in title 8, chapter 13 DuPage County Stormwater and Floodplain Ordinance of the City of Warrenville Municipal Code, as amended", all new construction of buildings, structures and portions of buildings and structures, including substantial improvement and restoration of substantial damage to buildings and structures, shall be designed and constructed to resist the effects of flood hazards and flood loads. For buildings that are located in more than one flood hazard area, the provisions associated with the most restrictive flood hazard area shall apply.

Amend Section 1612.2 ~~Definitions~~ Design and construction. ~~Amend section to include: The design and construction of buildings and structures located in flood hazard areas, including coastal flood hazard areas and coastal A zones, shall be in accordance with Chapter 5 of ASCE 7 and ASCE 24. Where conflicts occur between the definitions design in the IBC and the "DuPage County Stormwater and Floodplain Ordinance of the City of Warrenville Municipal Code, as amended" the definition of the "DuPage County Stormwater and Floodplain Ordinance" most stringent shall apply.~~

Section 1612.3 Establishment of flood hazard areas. ~~Section 1612.3 is amended by inserting~~ "DuPage County, Illinois and Incorporated Areas" for name of jurisdiction and "December 16, 2004" for the date of issuance.

Section 1612.3.1 Design flood elevation. Delete this section.

Section 1612.3.2 Determination of impacts (flood elevations) Delete this section.

Amend Section 1612.54 Flood hazard documentation. The following documentation shall be prepared and sealed by a registered design professional and submitted to the building official:

1. For construction in flood hazard areas other than coastal high hazard areas or coastal A zones:

- 1.1 Amend condition 1, 1.1 by deleting "The" and replacing with "An elevation certificate documenting the lowest floor, including the basement, as required by the lowest floor elevation inspection in Section 110.3.3 and for the final inspection in Section 110.3.12.1.

1.2 For fully enclosed areas below the *design flood elevation* where provisions to allow for the automatic entry and exit of floodwaters do not meet the minimum requirements in Section 2.7.2.1 of ASCE 24, construction documents shall include a statement that the design will provide for equalization of hydrostatic flood forces in accordance with Section 2.7.2.2 of ASCE 24.

1.3 For *dry floodproofed* nonresidential buildings, construction documents shall include a statement that the *dry floodproofing* is designed in accordance with ASCE 24 and shall include the flood emergency plan specified in Chapter 6 of ASCE 24.", and shall be amended by deleting condition 2 and subsections 2.1, 2.2 and 2.3.

Delete remainder of Section 1614

Section 1807.1.4 Permanent wood foundation systems. Delete this section in its entirety.

Section 1809.12 Timber footings. Delete this section in its entirety.

Chapter 29 Plumbing systems. Delete this chapter in its entirety, the provisions of the Illinois Plumbing Code shall govern the erection, installation, alteration, repairs, relocations, replacement, addition to, use or maintenance of plumbing equipment and systems.

Add Section 3001.21.1 Illinois Elevator Safety and Regulation Act. Codes established by the Office of the State Fire Marshal shall supersede the provisions of this chapter, where determined applicable and more restrictive.

Add Section 3301.3 Construction site sign. A temporary construction sign shall be posted not closer than one foot behind the property line where a new building is being constructed. The sign shall not exceed six square feet in area, nor five feet in height. The sign shall display the construction company name and telephone number, and the site address with at least three-inch letters and numbers. In addition, the sign shall also display the Building Permit.

Add Section 3301.4 Site Protection required. All demolition and construction, which involve trenching, excavation, and any other types of construction as deemed necessary by the Chief Code Official shall have fencing installed around the entire perimeter of the construction site. All fencing shall be not less than four-foot high chain link fence attached to driven posts, or installed on pedestals or stands fortified to resist wind loads. Fencing shall be installed at the start of any excavation or demolition, and be maintained and shall be removed when the structure(s) are completed and secured.

Add 3301.5 Waste Container. All demolition, new construction, room additions and remodeling projects must have a dumpster or containers on site which are adequate in size for the containment and disposal of all job site refuse.

Add 3301.6 Temporary access drive. A temporary access drive is required from the start of any excavation or demolition until prior to final grading. The access drive shall be placed anywhere vehicles drive upon the construction site or parkway. The access drive shall be

constructed of a material such as gravel or woodchips that will provide a sufficient barrier to prevent soil from embedding into vehicle tires. In addition, the access drive shall provide a safe, clear and unobstructed pathway from the public property to the structure under construction in order to allow access for inspections.

Amend Section 3305.1 Toilet facilities required. ~~Delete reference to the International Plumbing Code and replace with Sanitary facilities shall be provided during construction, remodeling or demolition activities in accordance -portable toilet facilities conformance with ANSI Z4.3.~~

Adopt Appendix F Rodent Proofing

Adopt Appendix I Patio Covers

Adopt Appendix K Administrative Provisions (Electrical)

Add K111.1. Amendments to the electrical code. The amendments listed in 8-8-2 of the City of Warrenville municipal code shall be included in the adoption of Appendix K.

(Ord. O2017-38, 6-19-2017)

CHAPTER 2

MECHANICAL CODE (IMC)

~~SECTION:~~

The following sections and appendices of the IMC 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the IMC 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the IMC 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the IMC 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the IMC 2021.

SECTION:

~~8-2-1: Adoption Of Mechanical Code~~

~~8-2-2: Amendments To The Mechanical Code~~

8-2-1: ADOPTION OF MECHANICAL CODE:

A certain document, ~~three (3) copies~~ a copy of which ~~are~~ is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2015-2021~~ edition of the International Mechanical Code, as published by the International Code Council, Inc., shall be, and the same is hereby adopted as the Mechanical Code of the City of Warrenville in the State of Illinois, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of mechanical systems as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ~~2015-2021~~ edition of the International Mechanical Code are hereby 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, prescribed in section 8-2-2 of this chapter. (Ord. O2017-38, 6-19-2017)

8-2-2: AMENDMENTS TO THE MECHANICAL CODE:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

The following sections of the ~~2015-2021~~ edition of the International Mechanical Code are hereby amended and revised as follows:

Section 101.1 Title. Insert: City of Warrenville

Section 102.12 Plumbing code references. Any references to the International Plumbing Code® in this code book shall be deleted and replaced with the Illinois Plumbing Code.

Section 103.1 Creation of enforcement agency. Insert Building Division

~~Section 106.5.2 Fee schedule. Insert: Fees shall be in accordance with Chapter 20 of Title 8 of the City Code.~~

~~Section 106.5.3 Fee refunds. Insert: Fee refunds shall be in accordance with Chapter 20 of Title 8 of the City Code.~~

~~Section 108.4 Violation penalties. Insert: Violation penalties shall be in accordance with Chapter 20 of Title 8 of the City Code.~~

~~Section 108.5 Stop work orders. Insert: Stop work order fines shall be in accordance with Chapter 20 of Title 8 of the City Code.~~

Section^[LM3] ~~109.113~~ Means of Appeal. Delete this section in its entirety and replace as follows:

Section ~~109.113.1~~ General. In order to hear and decide appeals of orders, decisions or determinations made by the Chief Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The City of Warrenville Plan Commission shall be the board of appeals.

Section ~~109.2113.2~~ Limitations on authority. 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 equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

(Ord. 02017-38, 6-19-2017)

CHAPTER 3

FUEL GAS CODE ~~(IFGC)~~

The following sections and appendices of the IFGC 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the IFGC 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the IFGC 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the IFGC 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the IFGC 2021.

SECTION:

~~8-3-1: Adoption Of The Fuel Gas Code~~

~~8-3-2: Amendments To The Fuel Gas Code~~

8-3-1: ADOPTION OF THE FUEL GAS CODE:

A certain document, ~~three (3) copies~~ a copy of which ~~are~~ is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2015~~2021 edition of the International Fuel Gas Code, as published by the International Code Council, Inc., shall be, and the same is hereby adopted as the Fuel Gas Code of the City of Warrenville in the State of Illinois, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of fuel gas systems and gas fired appliances as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ~~2015-2021~~ edition of the International Fuel Gas Code are hereby 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, prescribed in section 8-3-2 of this chapter. (Ord. 02017-38, 6-19-2017)

8-3-2: AMENDMENTS TO THE FUEL GAS CODE:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

The following sections of the ~~2015-2021~~ edition of the International Fuel Gas Code are hereby amended and revised as follows:

Section 101.1 Title. Insert: City of Warrenville

Section 102.12 Plumbing code references. Any references to the International Plumbing Code® in this code book shall be deleted and replaced with the Illinois Plumbing Code.

Section 103.1 Creation of enforcement agency. Insert Building Division

~~Section 106.6.2 Fee schedule. Insert: Fees shall be as in accordance with Chapter 20 of Title 8 of the City Code.~~

~~Section 106.6.3 Fee refunds. Insert: Fee refunds shall be as in accordance with Chapter 20 of Title 8 of the City Code.~~

~~Section 108.4 Violation penalties. Insert: Violation penalties shall be in accordance with Chapter 20 of Title 8 of the City Code.~~

~~Section 108.5 Stop work orders. Insert: Stop work order fines shall be in accordance with Chapter 20 of Title 8 of the City Code~~^[LM4]_[LM5]

Section ~~109.113~~ Means of Appeal. Delete this section in its entirety and replace as follows:

Section ~~109.113.1~~ General. In order to hear and decide appeals of orders, decisions or determinations made by the Chief Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The City of Warrenville Plan Commission shall be the board of appeals.

Section ~~109.2113.2~~ Limitations on authority. 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 equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

(Ord. 02017-38, 6-19-2017)

CHAPTER 4 EXISTING BUILDING CODE (IEBC)

The following sections and appendices of the IEBC 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the IEBC 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the IEBC 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the IEBC 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the IEBC 2021.

SECTION:

~~8-4-1: Adoption Of The Existing Building Code~~

~~8-4-2: Amendments To The Existing Building Code~~

8-4-1: ADOPTION OF THE EXISTING BUILDING CODE:

A certain document, ~~three (3) copies~~one copy of which ~~are~~is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2015-2021~~ edition of the International Existing Building Code, as published by the International Code Council, Inc., shall be, and the same is hereby adopted as the Building Code of the City of Warrenville in the State of Illinois, for regulating and governing the repair, alteration, change of occupancy, addition and relocation of existing building, including historic buildings, as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ~~2015-2021~~ edition of the International Existing Building Code are hereby 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, prescribed in section 8-4-2 of this chapter. (Ord. O2017-38, 6-19-2017)

8-4-2: AMENDMENTS TO THE EXISTING BUILDING CODE:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

The following sections of the ~~2015-2021~~ edition of the International Existing Building Code are hereby amended and revised as follows:

Section 101.1 Title. Insert: City of Warrenville

~~Section 102.6 References to the International Plumbing Code® in this code book shall be deleted and replaced with the Illinois Plumbing Code.~~Add

Section 102.~~7.16~~ Conflicts with Stormwater Management Ordinance. Where any conflict between provisions of this code and the DuPage County Stormwater Floodplain Ordinance occur, the provisions of the DuPage County Stormwater Floodplain Ordinance shall be applied.

regulations for plumbing installations, alterations and repairs deemed to be those necessary for the proper establishment of minimum requirements to assure reasonable safety to life and property, which shall be known as "the Plumbing Code" of the City of Warrentville in the State of Illinois, with the additions, insertions, deletions and changes, if any, prescribed in section 8-5-2 of this chapter. (Ord. O2017-38, 6-19-2017)

8-5-2: AMENDMENTS TO THE PLUMBING CODE:

Reserved. (Ord. O2017-38, 6-19-2017)

CHAPTER 6
ENERGY CODES

SECTION:

~~8-6-1: Adoption Of Energy Code~~

~~8-6-2: Amendments To The Energy Code~~

~~8-6-3: Adoption Of The International Solar Energy Provisions~~

~~8-6-4: Amendments To The International Solar Energy Provisions~~

8-6-1: ADOPTION OF ENERGY CODE:

A certain document, ~~three (3) copies~~ a copy of which ~~are~~ is on file in the Office of the City Clerk of the City of Warrentville; being marked and designated as the most recent edition of the International Energy Conservation Code, as published by the International Code Council, Inc., and amended by the State of Illinois, shall be, and the same is hereby adopted as the Energy Conservation Code of the City of Warrentville in the State of Illinois, for regulating and governing energy-efficient building envelopes installation of energy-efficient mechanical, lighting and power systems, as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said edition of the International Energy Conservation Code, are hereby 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, prescribed within the most current published version of the Illinois Energy Conservation Code. (Ord. O2017-38, 6-19-2017)

8-6-2: AMENDMENTS TO THE ENERGY CODE:

Reserved. (Ord. O2017-38, 6-19-2017)

8-6-3: ADOPTION OF THE INTERNATIONAL SOLAR ENERGY PROVISIONS:

A certain document, one copy of which is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2015~~-2021 edition of the International Solar Energy Provisions®, including appendix U: Solar-Ready Provisions - Detached One- and Two-Family Dwellings, Multiple Single-Family Dwellings (Townhouses), as published by the International Code Council, Inc., shall be, and the same is hereby adopted as the Solar Energy Code of the City of Warrenville in the State of Illinois, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of solar energy systems as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ~~2015~~-2021 edition of the International Solar Energy Provisions® are hereby 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, prescribed in section 8-6-4 of this chapter. (Ord. 02019-04, 2-19-2019)

The following sections and appendices of the International Solar Energy Provisions 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the International Solar Energy Provisions 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the International Solar Energy Provisions 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the International Solar Energy Provisions 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the International Solar Energy Provisions 2021.

8-6-4: AMENDMENTS TO THE INTERNATIONAL SOLAR ENERGY PROVISIONS:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

The following sections of the ~~2015-2021~~ edition of the International Solar Energy Provisions® are hereby amended and revised to add the following provisions:

~~Section CS 102.12 Plumbing code references. Any references to the International Plumbing Code® in this code book shall be deleted and replaced with the Illinois Plumbing Code.~~

~~Section CS 104.2 Fee schedule. Insert: Fees shall be in accordance with Section 8-20-1 of the City Code.~~

~~Section CS 104.2.1 Fee refunds. Insert: Fee refunds shall be in accordance with Section 8-20-1 of the City Code.~~

~~Section CS 104.2.2 Violation penalties. Insert: Violation penalties shall be in accordance with Section 8-20-3 of the City Code.~~

~~Section CS 104.3 Stop work orders. Insert: Stop work order fines shall be in accordance with Chapter 20 of Title 8 of the City Code.~~^[LM7]

Section CS ~~106-107~~ Means of Appeal.

Section CS ~~106-1107.1~~ General. In order to hear and decide appeals of orders, decisions or determinations made by the Chief Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The City of Warrenville Plan Commission shall be the board of appeals.

Section CS ~~106-2107.2~~ Limitations on authority. 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 equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

~~Section RS 102.8 Plumbing code references. Any references to the International Plumbing Code® in this code book shall be deleted and replaced with the Illinois Plumbing Code.~~

~~Section RS 104.3 Fee schedule. Insert: Fees shall be in accordance with Section 8-20-1 of the City Code.~~

~~Section RS 104.3.1 Fee refunds. Insert: Fee refunds shall be in accordance with Section 8-20-1 of the City Code.~~

~~Section RS 104.3.2 Violation penalties. Insert: Violation penalties shall be in accordance with Section 8-20-3 of the City Code.~~

~~Section RS 104.4 Stop work orders. Insert: Stop work order fines shall be in accordance with Chapter 20 of Title 8 of the City Code.~~^[LM8]

Section RS 108 Means of Appeal.

Section RS 108.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the Chief Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The City of Warrenville Plan Commission shall be the board of appeals.

Section RS 108.2 Limitations on authority. 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 equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

(Ord. 02019-04, 2-19-2019)

CHAPTER 7

FIRE CODE (IFC)

The following sections and appendices of the IFC 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the IFC 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the IFC 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the IFC 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the IFC 2021.

SECTION:

~~8-7-1: Adoption Of The Fire Code~~

~~8-7-2: Amendments To The Fire Code~~

8-7-1: ADOPTION OF THE FIRE CODE:

A certain document, ~~two (2) copies~~ a copy of which ~~are is~~ is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2015-2021~~ 2021 edition of the International Fire Code, as published by the International Code Council, Inc., and amended by the State of Illinois, shall be, and the same is hereby adopted as the Fire Code of the City of Warrenville in the State of Illinois, for regulating and governing the

safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises, as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ~~2015-2021~~ edition of the International Fire Code, are hereby 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, prescribed in section 8-7-2 of this chapter. (Ord. 02017-38, 6-19-2017)

8-7-2: AMENDMENTS TO THE FIRE CODE:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

~~!!!~~Section 101.1 Title. Insert: City of Warrenville

Section 103.1 Creation of enforcement agency. Insert Building Division

Add

Section 104.1.1 Enforcement. Any enforcement of this code by Warrenville Fire Protection District within the municipal boundaries of the City of Warrenville shall be conducted in conformance with the provisions of the Inter-Governmental Agreement between the City of Warrenville and the Warrenville Fire Protection District. The Fire Protection District shall utilize its own attorneys for ordinance enforcement and may retain any fines or other penalties recovered under law.

Amend Section 105.1.2 Types of Permits. ~~Amend to read:~~ There shall be three types of permits as follows:

1. Operational permit. An operational permit allows the applicant to conduct an operation or a business for which a permit is required by Section 105.5 for either:

1.1 A prescribed period.

1.2 Until renewed or revoked.

2. Construction permit. A construction permit allows the applicant to install or modify systems and equipment for which a permit is required by Section 105.6.

—~~Add: 3.~~ Special permit. A special permit issued by the Warrenville Fire Protection District is required for any of the following:

3. —a.:

3.1 The storage of blasting agents;

3.2 ~~—b.~~ The manufacture and storage of fireworks;

3.3 ~~—c.~~ The construction, operation, and use of outside above ground storage tanks used in the storage of flammable liquids;

3.4 ~~—d.~~ The construction, operation, and use of new bulk plants for flammable or combustible liquids;

3.5 ~~—e.~~ The construction, operation, and use of bulk storage of liquefied gases.

Add Section ~~105.4.1.1~~106.1.1 Fire Plan Review. Not less than ~~two~~three (23) copies of the plans of all attached dwelling units, institutional, commercial, or industrial buildings shall be provided to the Warrenville Fire Protection District. Within seven (7) business days of receipt of the same, the fire protection district shall examine said plans to determine whether they comply with the applicable fire protection standards of the bureau of fire prevention. If said plans do meet said standards, then the Fire Chief shall endorse said plans accordingly and deliver the same to the Building Division. If said plans do not meet said standards, then the plans shall be returned to the applicant with a memorandum of the specific deficiencies noted. The Building Division reserves the right not to issue any building permit for attached dwelling units, institutional, commercial, or industrial buildings unless or until the plans for the same have been approved by the Fire Chief.

Add Section ~~106~~8.5 Annual inspections. The Warrenville Fire Protection District is hereby authorized to conduct annual inspections of all commercial, industrial, multi-family, school, and church structures and property within the city in accordance with the Inter-Governmental Agreement between the City of Warrenville and the Warrenville Fire Protection District.

Section ~~108~~11 Board of appeals, Delete this section in its entirety and replace as follows:

Section ~~101~~18.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the Chief Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The City of Warrenville Plan Commission shall be the board of appeals.

Section ~~108~~11.2 Limitations on authority. 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 equally good or

better form of construction is proposed. The board shall have no authority to waive requirements of this code.

~~Add Section 109.4 Violation penalties. Insert: Violation penalties shall be in accordance with Chapter 20 of Title 8 of the City Code.~~

Section ~~110.5~~114.8 Emergency conditions. In case there shall be, in the opinion of the chief of the Warrenville Fire Protection District, actual and immediate danger to life and property from the hazards of fire and explosions arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the use or occupancy of building or premises, the chief of the Warrenville Fire Protection District may employ such labor and machinery, equipment and devices and cause the necessary work to be done to render said occupants or property temporarily safe, whether the procedure prescribed in this section has been instituted or not. The Warrenville Fire Protection District shall cause proper action to be instituted against the owner of the premises for the recovery costs incurred by the Warrenville fire protection district in the performance of the emergency work. The Warrenville Fire Protection District shall hold the city harmless from any such actions and shall assume full responsibility therefor.

~~Section 111.4 Failure to comply. Insert: Stop work order fines shall be in accordance with Chapter 20 of Title 8 of the City Code.~~

~~Section 113.2 Fees. The fees shall be in accordance with Chapter 20 of Title 8 of the City Code.~~^[LM9]

Section 202 Definitions. FIRE CODE OFFICIAL. Delete this entry and replace as follows. FIRE CODE OFFICIAL. The Chief Code Official appointed by the City of Warrenville and charged with the administration and enforcement of the fire and building codes adopted by the City of Warrenville.

Section 507.5.1.1 Hydrant for standpipe systems. Delete references to 100 feet and replace with 50 feet.

Section 901.7.4 Preplanned impairment program (Fire Alarm Service) add 9. Service personnel shall be available to initiate restoration of service following alarm or trouble, within twenty four (24) hours after notification by the property owner. Full cooperation shall be extended to the local contracting party by the installing company.

~~Section 903.2 Where required (Automatic Sprinkler System). Delete and replace as follows: Approved automatic sprinkler systems shall be installed in all new non-residential buildings regardless of use, occupant load, or square footage stated in 903.2.1 through 903.2.7.1 and 903.2.9 through 903.2.12.~~^[LM10]

Section 903.2.1.1 Group A-1: Change #1 to read:
1. The fire area exceeds 5,000 square feet.

Section 903.2.1.2 Group A-2: Change #1 read as follows:
1. The fire area exceeds 2,500 square feet.

Section 903.2.1.3 Group A-3: Change #1 read as follows:

1. The fire area exceeds 5,000 square feet.

Section 903.2.1.4 Group A-4: Change #1 to read:

1. The fire area exceeds 5,000 square feet.

Section 903.2.1.13 Group B: Add the following:

An automatic sprinkler system shall be provided throughout buildings containing a group B occupancy where one of the following conditions exist:

1. Where a group B fire area exceeds 5,000 square feet.
2. Where a group B fire area is located more than two (2) stories above grade plane.
3. Where a group R fire area is located above a group B fire area.

Section 903.2.3 Group E: Change #1 to read as follows:

1. Throughout all group E fire areas greater than 2,500 square feet in area.

Section 903.2.4 Group F (F-1 & F-2): Change #1, 2, and 3 to read as follows:

An automatic sprinkler system shall be provided throughout all buildings containing use group F occupancy where one of the following conditions exists:

1. Where a group F fire area exceeds 5,000 square feet.
2. Where a group F fire area is located more than 3 stories above grade plane; or
3. Where the combined area of all use group F fire areas on all floors, including any mezzanines, exceeds 5,000 square feet.

Section 903.2.6 Group I: Delete exceptions #1, 2, and 3.

Section 903.2.7 Group M: Change #1 and 3 to read as follows:

1. Where a group M fire area exceeds 5,000 square feet.
3. Where the combined area of all use group M fire areas on all floors, including any mezzanines, exceeds 5,000 square feet.

Section 903.2.7.2 Group M upholstered furniture or mattresses. An automatic sprinkler system shall be provided throughout a Group M fire area where the area used for the storage, display and/or sale of upholstered furniture or mattresses exceeds 2,500 square feet.

Section 903.2.9 Group S-1: Change #1, 2, and 3 to read as follows:

An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A group S-1 fire area exceeds 5,000 square feet.
2. A group S-1 fire area is located more than 2 stories above grade plane, or
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 5,000 square feet.

Section 903.2.9.1 Repair Garages: Change #1 and 2 to read as follows:

1. Buildings have two or more stories above grade plan, including basements, with a fire area containing a repair garage exceeding 5,000 square feet.

2. Buildings not more than one story above grade plan, with a fire area containing a repair garage exceeding 5,000 square feet.

Section 903.2.10 Group S-2 enclosed parking garages: Change #1 and 2 to read as follows:

1. Where the fire area of the enclosed parking garage exceeds 5,000 square feet.

2. Delete the exception.

Section 907.8.55 Responsibility for Installing and Maintaining Alarms (Residential Occupancies). It is the responsibility of the owner of a residential dwelling to supply and install all required alarms. It is the responsibility of a tenant to test and to provide general maintenance for the alarms within the tenant's dwelling unit or rooming unit and to notify the owner or the authorized agent of the owner in writing of any deficiencies that the tenant cannot correct. The owner is responsible for providing one tenant per dwelling unit with written information regarding alarm testing and maintenance.

The tenant is responsible for replacement of any required batteries in the carbon monoxide alarms in the tenant's dwelling unit, except that the owner shall ensure that the batteries are in operating condition at the time the tenant takes possession of the dwelling unit. The tenant shall provide the owner or the authorized agent of the owner with access to the dwelling unit to correct any deficiencies in the carbon monoxide alarm that have been reported in writing to the owner or the authorized agent of the owner.

Section 33078.1.1 Storage of Blasting Agents Prohibited. Storage of blasting agents is prohibited within the corporate limits of the Warrenville Fire Protection District except by special permit issued by the Chief of the Warrenville Fire Protection District.

The manufacture and storage of fireworks is prohibited within the corporate limits of the Warrenville Fire Protection District except by special permit issued by the Chief of the Warrenville Fire Protection District.

Exception: Storage of black powder for individual, private use in a black powder rifle shall be allowed without special permit.

Section 5601.1.3 Fireworks, exceptions. Delete exceptions 1 through 4 and replace as follows:

Exception: By special permit issued by the Fire Chief of the Warrenville Fire Protection District.

Section 5601.2.4 Financial Responsibility for Fireworks. Amended by deleting \$100,000 and replacing with \$1,000,000.

~~Section 5604.1.1 Storage of Blasting Agents. Storage of blasting agents is prohibited except by special permit issued by the chief of the Warrenville Fire Protection District. [LM11]~~

Adopt Appendix F Hazard Ranking

(Ord. 02017-38, 6-19-2017)

CHAPTER 8
ELECTRICAL CODE

SECTION:

~~8-8-1: Adoption Of Electrical Code~~

~~8-8-2: Amendments To The Electrical Code~~

~~8-8-3: Electrical Contractor – License Required~~

~~8-8-4: Reserved~~

8-8-1: ADOPTION OF ELECTRICAL CODE:

A certain document, ~~three (3)~~a copyies of which ~~are~~is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2014~~20 edition of NFPA 70, National Electrical Code, as published by the National Fire Protection Association, shall be, and the same is hereby adopted as the Electrical Code of the City of Warrenville in the State of Illinois, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of electrical systems and equipment as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ~~2014~~20 edition of NFPA 70, National Electrical Code are hereby 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, prescribed in section 8-8-2 of this chapter. (Ord. 02017-38, 6-19-2017)

8-8-2: AMENDMENTS TO THE ELECTRICAL CODE:

The following sections of the ~~2014~~20 edition of the National Electrical Code are hereby amended and revised as follows:

Article 110.12 (~~CD~~) EMT Required. In new or remodeling residential construction with access to wall or ceiling cavities, conductors shall be installed completely in EMT.

Exception: short lengths of flexible metal conduit where approved by the Code Official.

Article 110.12 (~~DE~~) Low Voltage Wiring in Raceway. All exterior low voltage wiring for commercial HVAC equipment shall be installed in an approved raceway.

Article 110.12 (~~EF~~) Unused Wiring. All unused wiring, including low voltage, shall be removed back to the source of power or last utilized electrical device on the circuit.

Table 210.21 (B)(3) Receptacle Ratings. Delete "15 or 20" in Receptacle Rating column and replace with "20".

Article 230.43 Wiring Methods. Delete methods (1) through (1920) and replace as follows; Service entrance conductors are to be installed in rigid metal conduit, intermediate metal conduit, or PVC. PVC allowed for underground use only and must comply with article 352.10(G) as amended in 8-8-2 of the Warrenton municipal code.

Article 230.70(A)(1) Service Equipment Disconnect. Delete and replace this section as follows: The service disconnecting means shall be installed in a readily accessible location at the utility meter or at a point not more than five feet from the utility meter.

Article 230.85: Delete this section, and replace with Reference section 230.70 (A)(1).

Article 250.87 Grounding conductor underground raceways. Raceways installed in or under a slab or underground, with the exception of service entrance raceways, shall require a separate equipment grounding conductor.

~~Article 300.13(B) Device Removal. Delete and replace as follows: Conductors shall not be dependent device connections such as lamp holders, receptacles, and so forth, where removal would interrupt the continuity. Conductor shall be looped or have a pigtail wiring connection to the device.~~

Article 300.13(C) Device Connection. Conductors terminated at receptacles or switches shall be under the screw of the device per the manufacturer's directions. Use of pressure connectors (backstabbing) shall not be permitted.

Article 310.53 (A) Minimum Conductor Size.- Add: All commercial and industrial work shall use minimum #12 AWG conductors.

Exception: control wiring.

Article 310.43 (B) Amend: Conductor Materials. All conductors for wiring shall be copper. Use of aluminum and copper clad conductors for wiring are prohibited.

~~Article 310.5 Minimum Conductor Size. All commercial and industrial work shall use minimum #12 AWG conductors.~~

~~Exception: control wiring.~~

Article 314.23(B)(1) Mounting Boxes to Structural Framing. Delete portion stating "or they shall pass through the interior within 6mm (1/4 in.) of the back or ends of the enclosure". And insert: All enclosures mounted to framing members shall be equipped with approved brackets for mounting to framing members.

Article 320 Armored Cable Type AC. Delete this article.

Article 322 Flat Cable Assemblies Type FC. Delete this article.

Article 324 Flat Conductor Cable Type FCC. Delete this article.

Article 326 Integrated Gas Spacer Cable Type IGS. Delete this article.

~~Article 328 Medium Voltage Cable Type MV. Delete this article.~~

Article 330.10(A) Type MC Uses Permitted. Delete and replace as follows: Metal-Clad Cable Type MC cable is only to be used with lay-in type fixtures and recessed lighting fixtures in lengths not to exceed 6 feet of the total raceway.

Article 334 Nonmetallic Sheathed Cable Types NM, NMC, ~~NMS, NM-B~~. Delete this article.

Article 338 Service Entrance Cable Types SE and USE. Delete this article.

Article 348.12 Flexible Metal Conduit, Uses Not Permitted. Add: (8) Outdoors

Article 352.10(G) PVC Underground Installations. Delete sentence "See 300.5 and 300.50" and replace as follows: PVC shall not be permitted to emerge from concrete, earth, or other solid surface. Any portion of the raceway emerging from concrete or earth shall be installed in ridged metal conduit to a point not less than 18 inches above and below the emergence.

Article 356 Liquid Tight Flexible Nonmetallic Conduit. Delete this article.

Article 358.10(B) Type EMT. Delete in its entirety.

Article 358.12 (1) Where, during installation or afterward, it will be subject to severe physical damage.

(2) Where protected from corrosion solely by enamel.

(3) In cinder concrete or cinder fill where subject to permanent moisture unless protected on all sides by a layer of noncinder concrete at least 50 mm (2 in.) thick or unless the tubing is at least 450 mm (18 in.) under the fill.

(4) In any hazardous (classified) location except as permitted by other articles in this Code.

(5) For the support of luminaires or other equipment except conduit bodies no larger than the largest trade size of the tubing.

(6) Where practicable, dissimilar metals in contact anywhere in the system shall be avoided to eliminate the possibility of galvanic action.

(7) Type EMT. In concrete or in direct contact with earth or exterior installations.

Article 362 Electrical Nonmetallic Tubing Type ENT. Deleted, use of electrical nonmetallic tubing is not permitted.

Article 382 Nonmetallic Extensions. Delete this article.

Article 388 Surface Nonmetallic Raceways. Delete this article.

Article 394 Concealed Knob and Tubing Wiring. Delete this article.

Article 396 Messenger Supported Wiring. Delete this article.

Article 398 Open Wiring on Insulators. Delete this article.

Article 408.54.1 Use of Tandem type overcurrent devices. Where tandem, duplex, or similar overcurrent devices are use in a service panel, proof shall be provided to the Code Official that circuits are properly balanced. Proof shall be provided in a written form using a panel schedule, by a registered or licensed electrician.

Article 604.410 Manufactured Wiring Systems. Delete exceptions, manufactured wiring shall not be allowed in any concealed location as defined in Article 100 or outdoor locations.

Article 604.~~6(A)(3) Flexible Cord. Detect this section in its entirety.~~100(3) Flexible Cord.
Delete entire section

Article 605.6 Lighting Accessories. Add following subsection after (C); (D) Task Lighting. Task lighting for office furnishing shall be individually fused.

(Ord. 02017-38, 6-19-2017)

8-8-3: ELECTRICAL CONTRACTOR - LICENSE REQUIRED:

A. Definition: The term "electrical contractor" as used in this section 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, not including radio apparatus or equipment for wireless reception of sounds and signals, and not including apparatus, conductors and other equipment installed for or by public utilities, including common carrier, which are under the jurisdiction of the Illinois Commerce Commission for use in their operation as public utilities; but the term "electrical contractor" does not include employees by such contractor to do or supervise such work.

B. License Required: All contracted electrical work must be performed by a licensed ~~and bonded~~ electrical contractor. Within the corporate limits of the City, it shall be unlawful for any person to engage in the business of "electrical contractor" as defined in this section without first being licensed as an electrical contractor. Electrical contractors performing work within the City must have a valid license obtained by passing a written electrical examination offered by an approved municipality or national contractor/trades journeyman or higher electrician certification by the International Code Council.

~~—C.— Affidavit And License To Accompany Building Permit Application: Each building permit application to authorized work to be performed by an electrical contractor must be accompanied by (i) an affidavit setting forth that the electrical contractor, if an individual, or at least one member of the corporation, if the electrical contractor is a corporation, has a thorough knowledge of the provisions of this chapter and all ordinances of the City relative to electricity; and (ii) a legible copy of the electrical contractor's license.~~

DC. False Statements Prohibited: It shall be unlawful for any person to provide false statements or documentation as part of a building permit application regarding the electrical contractor license. In addition to any other penalties set forth in this section, if, after examination by the Chief Code Official, information or documents provided as part of

a building permit application are found to be untrue, the application for building permit shall immediately become null and void.

ED. Penalty: Any person violating any provisions of this section will be subject to the fine provided in Section 1-4-1 of this code for each offense. Each day of violation constitutes a separate and distinct offense. (Ord. 02017-38, 6-19-2017; amd. Ord. 02018-10, 3-19-2018; Ord. 02021-42, 11-15-2021)

8-8-4: RESERVED:

-

CHAPTER 9 RESIDENTIAL CODE (IRC)

The following sections and appendices of the IRC 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the IRC 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the IRC 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the IRC 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the IRC 2021.

SECTION:

~~8-9-1: Adoption Of The Residential Building Code~~

~~8-9-2: Amendments To The Residential Building Code~~

8-9-1: ADOPTION OF THE RESIDENTIAL BUILDING CODE:

A certain document, ~~three (3) copies~~ a copy of which ~~are~~ is on file in the Office of the City Clerk of the City of Warrenville; being marked and designated as the ~~2015-2021~~ edition of the International Residential Code, as published by the International Code Council, Inc., shall be, and the same is hereby adopted as the Residential Building Code of the City of Warrenville in the State of Illinois, for regulating and governing the construction, alteration, movement, enlargement, replacement, repair, equipment, location, removal and

demolition of detached one and two family dwellings and multiple single family dwellings (townhouses) not more than three (3) stories in height with separate means of egress and for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said 2015-2021 edition of the International Residential Code are hereby 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, prescribed in section 8-9-2 of this chapter. (Ord. 02017-38, 6-19-2017)

8-9-2: AMENDMENTS TO THE RESIDENTIAL BUILDING CODE:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

The following sections of the 2015-2021 edition of the International Residential Code are hereby amended and revised as follows:

Section 101.1 Title. Insert: City of Warrenville

Section 105.2 Work exempt from permit

Building:

Building exemption 1. Delete and replace as follows: One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 50 square feet.

Building exemption 2. Delete and replace as follows: Repair or replacement of eExisting legally permitted gates, and fences not exceeding 30% of the existing linear length, provided repairs or replacement is fabricated with materials of the same style and dimensions.

Building exemption 5. Delete (sidewalks and driveways)

Building exemption 10. Delete. (decks)

Section 105.5 Expiration. Delete and replace as follows: Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180

days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Building permits shall expire if permitted work is not completed within one year after date of permit issuance, except when an extension as provided in this section is granted.

The Chief Code Official is authorized to grant, an extension upon written request from the permit holder. The written request shall demonstrate the justifiable cause for the requested extension. Justifiable causes may include delays due to weather, labor strikes, supply shortages, or similar reasons. Such extension may be granted for a period not to exceed 180 days. Request for each extension may require a fee to cover the costs of administration and additional inspections but shall not be greater than 25 percent of the original building permit fee. Not more than two extensions may be granted by the chief code official.

Section 106.1~~4~~ Fire Plan Review. Add Paragraph: Not less than two (2) sets of fire suppression plans for attached dwelling units shall be provided to the Warrenville Fire Prevention District to determine whether submitted plans comply with the requirements R313.1 and R313.1.1 as amended herein. If the submitted plans comply with aforementioned codes, then the Fire Prevention Bureau or third party reviewing service shall endorse said plans accordingly and deliver the same to the Building Division. If submitted plans do not meet the provisions of aforementioned codes, then the plans shall be returned to the applicant with a memorandum identifying the specific deficiencies and code section(s) cited. All applicable fees for reviews and inspections assessed by the Warrenville Fire Protection District or third party service shall be paid by the applicant directly to the reviewing provider.

Add Section 109.1.1.~~21~~ Spot Survey. Upon completion of the foundation walls and any structural elements which are necessarily part of the construction of the foundation walls, and before proceeding with further construction, the applicant shall file a survey prepared, signed, and sealed by an Illinois professional land surveyor, showing the location of the structure and the elevation of the top of the foundation walls at all four corners, or the average top of foundation for which a permit has been issued.

Section 110.4 Temporary Certificate of Occupancy. Add to the end of this section: Reasons for issuing a temporary certificate of occupancy shall be limited to lot improvements required by this title that cannot be performed due to winter weather conditions. The required improvements shall be completed no later than June 1 following that winter. Adequate security to guarantee the completion of the improvements shall remain in force.

Fees and deposits for a temporary certificate of occupancy shall be paid in accordance fee schedule in Title 8, Chapter 20, Section 8-20-1 of the Warrenville Municipal Code.

Section 112 Board of Appeals, Delete this section in its entirety and replace as follows:

Section 112.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the Chief Code Official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The City of Warrenville Plan Commission shall be the board of appeals.

Section 112.2 Limitations on authority. 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 equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code.

Add SECTION 115 CONSTRUCTION SITE REQUIREMENTS

Section 115.1 Construction site sign. A temporary construction sign shall be posted not closer than one foot behind the property line where a new building is being constructed. The sign shall not exceed six square feet in area, nor five feet in height. The sign shall display the construction company name and telephone number, and the site address with at least three-inch letters and numbers. The sign shall also display the Building Permit.

Section 115.2 Site Protection required. All demolition or construction that involves trenching, excavation, or similar work shall have fencing installed around the entire perimeter of the site as deemed necessary by the Chief Code Official. All fencing shall be not less than four-foot high chain link fence attached to driven posts, or installed on pedestals or stands fortified to resist wind loads. Fencing shall be installed at the start of any excavation or demolition, and be maintained. Fencing shall not be removed until the structure(s) are completed and secured and hazards no longer exist on the site.

Section 115.3 Waste Container. All demolition, new construction, room additions and remodeling projects must have a dumpster or container on site which is adequate in size for the containment and disposal of all job site refuse.

Section 115.4 Temporary access drive. A temporary access drive is required from the start of any excavation or demolition until prior to final grading. The access drive shall be placed anywhere vehicles drive upon the construction site or parkway. The access drive shall be constructed of a material such as gravel or woodchips that will provide a sufficient barrier to prevent soil from embedding into vehicle tires. In addition, the access drive shall provide a safe, clear and unobstructed pathway from the public property to the site under construction in order to allow access for inspections.

Section 115.5 Toilet facilities required. Not less than one (1) toilet facility in conformance with ANSI Z4.3 shall be provided on construction sites where indoor toilet facilities are not available.

Amend

Table 301.2 (1) Climatic and geographic design criteria as follows:

-

Ground Snow Load = 25lbs/sq ft

~~Wind Design~~

~~Seismic Design Category~~ Wind Design:

Speed = 115

Topographic Effects = No

Special Wind Region = No

Wind-borne Debris Zone = None

Seismic Design Category = A

25 lbs./sq. ft.

115 mph

No

No

None

A

-

-

Subject To Damage From:

Weathering = severe

Frost Line Depth = 42 inches

Termite = moderate to heavy

Winter Design Temp

Ice Barrier Underlayment Required = Yes

Flood Hazards = See Note

Air Freezing Index = 2000

Mean Annual Temp = 52 degrees F

Manual J Design Criteria

Elevation = 732

Altitude Correction Factor = None

Coincident wet bulb = 74 degrees F

Indoor winter design dry-bulb temperature = 72 degrees F

Outdoor winter design dry-bulb temperature = -4 degrees F

Heating temperature difference = 72

Latitude = 41.8

Daily range = M

Indoor summer design relative humidity = 50%

Summer design gains =

Indoor summer design dry-bulb temperature = 75 degrees F

Outdoor summer design dry-bulb temperature = 89 degrees F

Cooling temperature difference^[LM12] = 14 degrees

Add

Weathering

Frost Line Depth

Termite

Severe

42 inches

Moderate to heavy

-4 F

Yes

See note

2000

52 F

-

Flood hazard note: Contact City Engineer for specific lot flood hazard

~~Section 313.1 Townhouse automatic fire sprinkler systems. Delete reference to "townhouse" from this section and replace with "attached housing including townhouse and two-family dwellings".^[LM13]~~

~~Section 313.2 One and two-family dwellings automatic fire systems. Delete this section in its entirety.^[LM14] Section 313.2 One- and two-family dwellings automatic sprinkler systems.~~

An automatic residential fire sprinkler system shall be installed in one- and two-family dwellings.

Exceptions:

1. An automatic residential fire sprinkler system shall not be required for additions, alterations or accessory structures to existing buildings that are not already provided with an automatic residential sprinkler system.
2. An automatic residential fire sprinkler system shall not be required for new construction when all of the following apply:
 - a. Underside of all interior stairs within two-family dwelling units are protected with at least one half inches (0.5") of taped and mudded gypsum board or equal. Not required for single family dwelling units.
 - b. Each one- and two-family dwelling unit has at least two (2) means of egress.
 - c. The dwelling units are separated by a minimum two (2) hour assembly.

Amend SECTION 327 CONSTRUCTION SITE REQUIREMENTS

~~Section 327.1 Construction site sign. A temporary construction sign shall be posted not closer than one foot behind the property line where a new building is being constructed. The sign shall not exceed six square feet in area, nor five feet in height. The sign shall display the construction company name and telephone number, and the site address with at least three inch letters and numbers. In addition, the sign shall also display the Building Permit.~~

~~Section 327.2 Site Protection required. All demolition and construction, which involve trenching, excavation, or similar work shall have fencing installed around the entire perimeter of the construction site as deemed necessary by the Chief Code Official. All fencing shall be not less than four-foot high chain link fence attached to driven posts, or installed on pedestals or stands fortified to resist wind loads. Fencing shall be installed at the start of any excavation or demolition, and be maintained and shall be removed when the structure(s) are completed and secured.~~

~~Section 327.3 Waste Container. All demolition, new construction, room additions and remodeling projects must have a dumpster or container on site which are adequate in size for the containment and disposal of all job site refuse.~~

~~Section 327.4 Temporary access drive. A temporary access drive is required from the start of any excavation or demolition until prior to final grading. The access drive shall be placed anywhere vehicles drive upon the construction site or parkway. The access drive shall be constructed of a material such as gravel or woodchips that will provide a sufficient barrier to prevent soil from embedding into vehicle tires. In addition, the access drive shall provide a safe, clear and unobstructed pathway from the public property to the structure under construction in order to allow access for inspections.~~

~~Section 327.5 Toilet facilities required. Not less than one (1) toilet facility in conformance with ANSI Z4.3 shall be provided on construction sites where indoor toilet facilities are not available.~~

Section 402.1 Wood foundation walls are not allowed. ~~Delete this section in its entirety. in any new construction.~~

Section 403.2 Footings for wood foundations. Delete this section in its entirety.

Section 404.1.5.3 Pier and curtain wall foundations. ~~Add the following exceptions~~ Delete and replace with the following:

~~Exception 1.~~ Concrete pier foundations are only allowed for open porches and screen rooms which are covered by roof structures attached to the principal building. Provided that design for any such structure must be signed, sealed, and certified by a licensed Illinois architect or structural engineer as being sufficient to meet or exceed all applicable loading requirements of this code.

~~Concrete pier footing and curtain wall foundation system except when any such structure has been signed, sealed, and certified by a licensed Illinois architect or structural engineer as being sufficient to meet or exceed all applicable loading requirements of this code.~~

~~Exception 2.~~ Cs are allowed ~~concrete pier footing and foundation systems for~~ for conversion of open porches and screen rooms into habitable spaces. Provided that design for any such structure must be signed, sealed, and certified by a licensed Illinois architect or structural engineer as being sufficient to meet or exceed all applicable loading requirements of this code.

Section 404.2 Wood foundation walls. Delete this section in its entirety.

Section 405.2 Wood foundations. Delete this section in its entirety.

Section 406.3 Damp-proofing for wood foundations. Delete this section in its entirety.

~~Section 507.8.1 Deck post to deck footing. In the last sentence of this section delete the words "or a minimum post of 12 inches in surrounding soils or concrete piers."~~

~~Table 507.8.4 Deck post height. In the 4x4 post size row, delete 8' for maximum height, and replace 4' for maximum post height.~~ Add note: Regardless of species or tributary area, the maximum height for a 4x4 post is four feet (4').

Amend Section 507.8.4.1 Where posts bear on concrete footings in accordance with Section R403 and Figure R507.3, lateral restraint shall be provided by manufactured connectors. Other footing systems shall be permitted. ~~Deck post to deck footing. In the last sentence of this section delete the words "or a minimum post of 12 inches in surrounding soils or concrete piers."~~

Exception: Where expansive, compressible, shifting or other questionable soils are present, surrounding soils shall not be relied on for lateral support.

Chapter 26 through 32 Plumbing: Delete these chapters in its entirety, plumbing materials and systems shall comply with the most recent published edition of the Illinois State Plumbing Code and section 8-5-2 of the City of Warrenville Municipal Code.

Section 33023.1.4.2 ~~Sump Discharge Piping. Delete last sentence and add:~~ New subsurface drainage (sump pump) systems and existing systems which are undergoing expansion shall be connected to a 3" (minimum) subsurface, privately owned and maintained pipe which either discharges into an approved storm sewer system or storm water management detention/retention facility. When the City Engineer determines such a storm sewer or detention/retention facility is not adjacent or reasonably accessible to an individual lot, the City Engineer may allow the subsurface drainage system to discharge into a drainage swale or other location intended to minimize the negative impacts of the sump pump discharge on both the property discharging the water and adjacent properties.

Part VIII Electrical. Deleted, reference 8-8-1 and 8-8-2 of the City of Warrenville Municipal Code for specific electrical codes.

Adopt Appendix ~~A~~F Radon Control Methods

Add AF101.2 Conflicts. Where conflicts occur between provisions of Appendix F and Illinois Joint Committee on Administrative Rules (JCAR) Mitigation Standard for New Residential Construction, the JCAR provisions shall take precedence over the provisions of Appendix F.

Add AF 103.13 Installation of active mitigation systems. The installation of an active mitigation system shall only be performed by a licensed radon contractor in accordance with JCAR. The installation of radon resistant construction may be performed by a residential building contractor or his or her subcontractors or a radon contractor during new residential construction. Only a radon contractor may install a radon vent fan or upgrade a passive new construction pipe to an active mitigation system.

Adopt Appendix ~~A~~J Existing Buildings

Adopt Appendix ~~A~~K Sound Transmission

(Ord. 02017-38, 6-19-2017)

CHAPTER 10

SWIMMING POOL AND SPA CODE (ISPSC)

The following sections and appendices of the ISPSC 2021 are hereby added, inserted, deleted, and/or modified as follows:

The word "Add" preceding a provision of this Section means that such provision is thereby added to and made part of the ISPSC 2021 as though fully set forth at the referenced section.

The word "Amend" preceding a provision of this Section means that such provision amends the referenced section of the ISPSC 2021 to read as provided and that such provision is added to and made a part of this code as though fully set forth at the referenced number.

The word "Delete" preceding a provision of this Section means that such provision deletes the referenced section from the ISPSC 2021.

The word "Passim" preceding a provision of this Section means that such provision amends any reference of such phrase found at various places throughout the ISPSC 2021.

SECTION:

~~8-10-1: Adoption Of The Pool And Spa Code~~

~~8-10-2: Amendments To The Pool And Spa Code~~

8-10-1: ADOPTION OF THE POOL AND SPA CODE:

A certain document, ~~three (3) a copies-copy~~ of which ~~are is~~ on file in the Office of the City Clerk of Warrenville, being marked and designated as the ~~2015-2021~~ International Swimming Pool and Spa Code as published by the International Code Council, Inc., shall be, and is hereby, adopted by the City of Warrenville for the regulation of swimming pools and spas as herein provided. Each and all of the regulations, provisions, penalties, conditions and terms of the ~~2015-2021~~ International Swimming Pool and Spa Code are hereby referred to, adopted and made a part hereof as if fully set out in this section, with the additions, insertions, deletions and changes prescribed in section 8-10-2 of this chapter. (Ord. 02017-38, 6-19-2017)

8-10-2: AMENDMENTS TO THE POOL AND SPA CODE:

Passim. Wherever the phrase "[name of jurisdiction]" or the word "jurisdiction" appears, they shall be deemed to refer to the City of Warrenville, Illinois.

Passim. Wherever the phrase "building official" appears, it shall be deemed to refer to the City of Warrenville Chief Code Official, or his/her duly designated agent or agents.

Passim. Wherever any reference to "International Energy Conservation Code (IECC)" appears, it shall be replaced with the phrase "Illinois Energy Conservation Code (IECC), as may be amended from time to time by the State of Illinois."

Passim. Wherever any reference to "ICC Plumbing Code" appears, it shall be replaced with the phrase "Illinois Plumbing Code, as may be amended from time to time by the State of Illinois."

~~A—~~Except as referenced in the ~~2015-2021 I~~international ~~s~~Swimming ~~p~~Pool and ~~S~~spa ~~e~~Code ("this code") for residential swimming pools, chapters 4, 5, and 6 shall be deleted. All references to public use pools shall be referred to and enforced by statutes of Illinois title

77: Public Health chapter 1: Department Of Public Health subchapter n: Recreational Facilities part 820 Swimming Facility Code.

~~D. In Section 101.1., insert:~~

~~"City of Warrenville"~~

~~B. Section 102.7.2. shall read as follows:~~

102.7.2. Application of the Illinois State Plumbing Code

Where the international plumbing code is referenced in this code, the provisions of the Illinois state plumbing code shall be referenced as the minimum requirements. Where the Illinois state plumbing code provisions do not apply to the references of the international plumbing code, the requirements in part VII of the most recent version of the international residential code adopted by the city of Warrenville shall then apply.

Section 103.1 Creation of enforcement agency. Insert Building Division

~~C. Section 105.1.1. shall read as follows:~~

105.1.1. Permit Exemption

Permits shall not be required for any above ground swimming pools less than 24 inches in depth of water capacity and not exceeding 250 square feet provided they do not have a pump, filtration system, heater or other need for power. Exemption from permit requirements of this code shall not be deemed to grant authorization for any pool to be installed or used in any manner in violation of the provisions of this code or any of the ordinances of the city of Warrenville.

~~D. In section 101.1., insert:~~

~~"City of Warrenville"~~

~~E. Section 105.6.2. shall read as follows:~~

105.6.2 Fee Schedule

The fees for work shall be as indicated in Title 8, Chapter 20, Section 8-20-1 of the City Code.^[LM15]

~~F. Section 105.6.3. Fee Refunds~~

~~The code official shall authorize the refunds of fees as indicated in Title 8, Chapter 20, Section 8-20-1 of the City Code.~~

~~G. Section 107.4 shall read as follows:~~

107.4 Penalties

Penalties shall be as indicated in Title 8, Chapter 20, Section 8-20-1 of the City Code.

~~—H. Section 107.5 shall read as follows:~~

107.5114. Stop Work Orders

Upon notice from the code official, work on any system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for penalties as indicated in Title 8, Chapter 20, Section 8-20-1 of the Warrenville City Code.^[LM16]

(Ord. 02017-38, 6-19-2017)