

STATE OF ILLINOIS)
)SS
COUNTY OF DEKALB)

ORDINANCE 2019-33

**AN ORDINANCE AMENDING CHAPTER 14
OF THE DEKALB COUNTY CODE
REGARDING ADOPTED BUILDING CODES**

WHEREAS, Chapter 14 of the DeKalb County Code adopts building and construction codes containing regulations and standards for construction of buildings and structures in DeKalb County; and

WHEREAS, the improvement in building and construction industry standards and technological advancements over time make it necessary and expedient that the County update its adopted building codes in order to continue to adequately protect the public health, safety and welfare; and

WHEREAS, the building codes adopted by the County were last updated in 2010; and

WHEREAS, the Planning and Zoning Committee of the DeKalb County Board has considered updated building codes recommended for adoption by the County Building Development Official, and has recommended that the updated building codes be adopted by the County Board; and

WHEREAS, the County Board of DeKalb County has determined that it is in the best interest of the citizens of the County to amend the DeKalb County Code to update the adopted building codes;

NOW, THEREFORE, BE IT ORDAINED BY THE COUNTY BOARD OF DEKALB COUNTY, ILLINOIS, as follows:

SECTION ONE: The conclusions set forth above and the recommendation of the Planning and Zoning Committee are hereby adopted as the conclusions of the DeKalb County Board.

SECTION TWO: The DeKalb County Code, Chapter 14, Buildings and Building Regulations, is hereby amended as follows:

1. **ARTICLE 1. IN GENERAL:**

Sec. 14-3. Building permit expiration, extension, renewal is amended, as follows:

Sec. 14-3. - Building permit expiration, extension, renewal.

(a) *Permit expiration.* Construction shall begin within 180 days of the date of issue of a building permit. The permitted work shall thereafter be completed within 12 months of commencement. The permit shall expire if construction is stopped, suspended, or abandoned for a period of six consecutive months. A minimum of one inspection of the work shall be required within each 180-day period following commencement of work to ensure that progress is being made. If no inspections are performed during any 180-day period following issuance of the permit, the project shall be considered suspended and abandoned, and the permit shall be considered expired.

(b) *Permit extension.* A one-time, 180 day extension may be granted, with no additional fee, for an unexpired permit if reasonable cause can be shown by the applicant as to why the work cannot commence within six months of the date the permit was issued, or cannot be completed within 12 months following commencement of work.

(c) *Permit renewal.* A permit which has expired for 180 days or less may be renewed at one-half of the original fee amount, provided no changes have been made to the original plans and specifications. Plans or specifications, which are altered or revised shall require a new plan review at additional cost to the permit applicant. Permits which have expired for more than 180 days shall require a new application and permit, at full permit fees.

The remainder of this Section is unchanged

Sec. 14-6. Moving a structure is amended, as follows:

Sec. 14-6. - Moving a structure.

Any person desiring to relocate an existing structure from the site on which it was constructed to another parcel shall comply with the following regulations:

(a) The applicant shall obtain a permit from the Community Development department prior to relocating the structure. The following information shall be submitted as part of the permit application:

(b) The cost of the permit shall be a minimum of \$150.00. A larger amount may be required by the Director of Community Development;

(d) After the structure is moved and prior to the release of the security bond, the petitioner shall reimburse the county sheriff for the cost of support provided for the move, at the following rates:

- (1) \$50.00/officer/hour;
- (2) \$35.00/sheriff's vehicle/day;

The remainder of this Section is unchanged

2. **ARTICLE II. BUILDING CODE:**

Sec. 14-26. Adopted is amended, as follows:

The International Building Code, 2015, except as amended in this article, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

Sec. 14-27. Amendments is amended, as follows:

The International Building Code, 2015, as adopted by the County Board, is hereby amended as follows:

- 1.) In all Chapters and Sections where "name of jurisdiction" and/or "chief appointing authority of the jurisdiction" is written, insert "County of DeKalb, Illinois".
- 2.) In all Chapters and Sections where "International Accessibility Code" is written, insert, "Currently adopted State of Illinois Accessibility Code".

SECTION 101 GENERAL

Section 101.1, Title, is amended to read as follows:

Section [A] 101.1 Title: These regulations shall be known as the Building Code of DeKalb County, Illinois, hereinafter referred to as "this Code".

Section 101.4.3, Plumbing is amended to read as follows:

Section [A] 101.4.3 Plumbing. The provisions of the Illinois State Plumbing Code as adopted by the DeKalb County Board shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of the Public Health Ordinance as adopted by the DeKalb County Health Department shall apply to private sewage disposal systems and private and non-community water supplies for DeKalb County.

Section 101.4.6, Energy is amended to read as follows:

Section [A] 101.4.6 Energy. The provisions of the Illinois Energy Conservation Code as adopted by the DeKalb County Board shall apply to all matters governing the design and construction of buildings for energy efficiency.

SECTION 102 APPLICABILITY

Section 102.6, Existing Structures, is amended to read as follows:

Section [A] 102.6 Existing Structures: The legal occupancy of any structure existing on the date of adoption of this Code, or for which it has been heretofore approved, shall be permitted to continue without change, except as is specifically covered in this Code, the DeKalb County Housing Code, the Illinois rules and regulations for fire safety, and the International Existing Building Code or as deemed necessary by the Building and Development Officer for the general safety and welfare of the occupants and public.

Section 102.6.2, Buildings previously occupied is amended to read as follows:

Section [A] 102.6.2 Buildings previously occupied. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as otherwise specifically provided in this code, the International Fire Code, or as is deemed necessary by the building official for the general safety and welfare of the occupants and public.

SECTION 103 DEPARTMENT OF BUILDING SAFETY

Section 103.1, Creation of enforcement agency is amended to read as follows:

Section [A] 103.1 Creation of enforcement agency. The DeKalb County Department of Community Development is hereby created and the official in charge thereof shall be known as the Director of Community Development Department.”

SECTION 104 DUTIES OF THE BUILDING OFFICIAL

Section 104.2.1, Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas is amended to read as follows:

Section [A] 104.2.1 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas. For applications for reconstruction, rehabilitation, repair, alteration, addition or other improvement of existing buildings or structures located in flood hazard areas, refer to the DeKalb County Stormwater Management Ordinance. When determined that the proposed work constitutes substantial improvement or repair of substantial damage, and where required by this code, the building official shall require the building to meet the requirements of the DeKalb County Stormwater Management Ordinance and Section 1612.”

Section 104.10.1, Flood hazard areas is amended to read as follows:

[A] **104.10.1 Flood hazard areas.** The building official shall not grant modifications to any provisions required in flood hazard areas as established by Section 1612 unless a determination has been made that the development complies with the DeKalb County Stormwater Management Ordinance.

Delete from Section 105 Permits, subsections:

[A] 105.1.1 – Annual Permit

[A] 105.1.2 - Annual Permit Records

[A] 105.5 – Expiration

Revise Section 105.2 "Work Exempt From Permit". The following sections are hereby amended or deleted to read as followed:

Revise Section 105.2 - Building: 1. One-story detached accessory structures used for tool and storage sheds, playhouses, and similar uses, that have a maximum floor area of one-hundred twenty (120) square feet and are not located in a floodplain or wetland and comply with all requirements of the DeKalb County Unified Development Ordinance and DeKalb County Stormwater Ordinance and are properly anchored in accordance with this Code or anchored to a minimum 6" x 6" perimeter concrete curb or anchored with 3'-0" guy rods, 3'-0" auger rods, or piers."

Delete Section 105.2 - Building: 2. ~~Fences not over 7 feet (2134 mm) high.~~

Revise Section 105.2 Building: 4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the adjacent grade to the top of the wall, unless supporting a surcharge."

Delete Section 105.2 Building: 5 - ~~Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) and the ratio of height to diameter or width is not greater than 2:1~~

Amend Section 105.2 – Building: 6. Sidewalks, patios and driveways that comply with all requirements of the DeKalb County Unified Development Ordinance and DeKalb County Stormwater Management Ordinance and not over any basement or story below and not part of an accessible route.

Revise Section 105.2 – Building: 10. Agricultural Exempt Structures as defined by the DeKalb County Unified Development Ordinance provided they obtain an Agricultural Exempt Zoning Permit and comply with the building setback requirements of the DeKalb County Unified Development Ordinance and all requirements of the DeKalb County Stormwater Management Ordinance

Add Section 105.2 – Building: 14. Temporary signs and permanent signs that are designated as not requiring permits in the DeKalb County Unified Development Ordinances provided that they comply with all requirements of the DeKalb County Unified Development Ordinance and DeKalb County Stormwater Management Ordinance.”

SECTION 107 SUBMITTAL DOCUMENTS

Section [A] 107.1, General is amended to read as follows:

Section [A] 107.1 General. Submittal documents consisting of construction documents, detailed description of work, statement of special inspections, geotechnical report and other data shall be submitted in three sets with each permit application. The construction documents shall be prepared by a registered design professional licensed in the State of Illinois. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

Section 107.5 Retention of construction documents is amended to read as follows:

Section [A] 107.5 Retention of construction documents. One set of approved construction documents shall be retained by the Department of Community Development for a period not less than that required by the DeKalb County Records Retention Policy.”

SECTION 108 TEMPORARY STRUCTURES AND USES

Section 108.1 General is amended to read as follows:

Section [A] 108.1 General. The building official is authorized to issue a permit for temporary structures for Temporary Use Permits in accord with the DeKalb County Unified Development Ordinance. Such temporary structures shall be limited as to time of service, but shall not be permitted for more than 60 days. The building official is authorized to grant extensions for demonstrated cause.

SECTION 110 INSPECTIONS

Section 110.3.1, Foundation inspection is amended to read as follows:

Section [A] 110.3.1.1 Footing inspection. Inspection of the footings shall be made prior to placement of any piers, footings, or poles and after the full foundation area is excavated to the required depth. The footing inspection shall include excavations for all foundation walls, frost walls, thickened slabs and isolated piers intended for the support of bearing walls, partitions, structural supports, or equipment.

Add Section 110.3.1.2 “Backfill inspection” to read as follows:

Section [A] 110.3.1.2 Backfill inspection. Inspection made after foundation walls are erected. Prior to backfilling the following systems or components including, but not limited to, damp/waterproofing, subsurface drainage system, exterior insulation, and anchoring shall be placed.

Revise **Section 110.3.2 “Concrete slab and under-floor inspection** is amended to read as follows:

Section [A] 110.3.2 Concrete slab and under-floor inspection. Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel and building plumbing, electrical & mechanical systems or service equipment, conduit, piping, accessories and other ancillary equipment items are in place, but before any concrete is placed or floor sheathing installed, including the subfloor.

Delete Section 110.3.3 Lowest floor elevation.

Delete Section 110.3.5 Lath, gypsum board and gypsum panel product inspection.

Section 110.3.10.1, Flood hazard documentation is amended to read as follows:

Section [A] 110.3.10.1 Flood hazard documentation. If located in a flood hazard area, inspections shall be conducted as required and detailed by the DeKalb County Stormwater Management Ordinance.

Section 110.5, Inspection requests is amended to read as follows:

Section [A] 110.5 Inspection requests. It shall be the duty of the holder of the building permit or their duly authorized agent to notify the building official when work is ready for inspection at least forty eight (48) hours in advance before said inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work that are required by this code.

SECTION 113 BOARD OF APPEALS

Section 113 Board of Appeals is amended to add the following:

Section [A] 113.4 The board of appeals appointments shall consist of three members appointed by the County Board Chairman as follows: one for five years, one for four years, and one for three years. Thereafter, each new member shall serve for five years or until a successor has been appointed.

DELETE SECTION 116 UNSAFE STRUCTURES AND EQUIPMENT

Section 903.3.5 Water Supplies, is amended to read as follows:

Section 903.3.5 Water Supplies: The potable water supply shall be protected against backflow in accordance with requirements of the most recent version of the State of Illinois Plumbing Code.

CHAPTER 11 ACCESSIBILITY

Delete Chapter 11 Accessibility in its entirety and *replace* with the following:

Section 1101.1 Scope. *The provisions of the current Illinois Accessibility Code shall control the design and construction of facilities for accessibility for individuals with disabilities.”*

CHAPTER 13 ENERGY EFFICIENCY

Revise **Section 1301.1.1**, Criteria as amended to read as follows:

Section 1301.1.1 Criteria. *Buildings shall be designed and constructed in accordance with the Illinois Energy Conservation Code.*

CHAPTER 16 STRUCTURAL DESIGN

SECTION 1604 GENERAL DESIGN REQUIREMENTS

Revise **Section 1604.8.3, Decks** to read as follows:

Section 1604.8.3 Decks. Where supported by attachment to an *exterior wall*, decks shall be positively anchored to the primary structure and designed for both vertical and lateral loads as applicable. Such attachment *shall be* accomplished by the use of *lag bolts or through bolts with a minimum diameter of ½ inch*. Where positive connection to the primary building structure cannot be verified during inspection, decks shall be self-supporting. Connections of decks with cantilevered framing members to exterior walls or other framing members shall be designed for both of the following:

- (1) The reactions resulting from the dead load and live load specified in Table 1607.1, or the snow load specified in Section 1608, in accordance with Section 1605, acting on all portions of the deck.
- (2) The reactions resulting from the dead load and live load specified in Table 1607.1, or the snow load specified in Section 1608, in accordance with Section 1605, acting on the cantilevered portion of the deck, and no live load or snow load on the remaining portion of the deck.”

SECTION 1608 SNOW LOADS

Revise Section 1608.2, Ground snow loads to read as follows:

Section 1608.2 Ground snow loads. The ground snow loads to be used in determining the design snow loads for roofs shall be *30-psf or as determined in accordance with ASCE 7. Site (project) specific ground snow load determinations shall be based on an extreme value statistical analysis of data available in the vicinity of the site using a value with a 2-percent annual probability of being exceeded (50-year mean recurrence interval).*”

SECTION 1612 FLOOD LOADS

Revise Section 1612.2 Definitions to read as follows:

Section 1612.2 Definitions. The following terms are defined in Chapter 2 *shall act as supplemental definitions to the same or similar terms defined by the DeKalb County Stormwater Management Ordinance. Where conflicts arise the terms defined in the DeKalb County Stormwater Management Ordinance shall supersede:*

Revise Section 1612.3 Establishment of flood hazard areas to read as follows:

Section 1612.3 Establishment of flood hazard areas. *The establishment of flood hazard areas shall comply with the DeKalb County Stormwater Management Ordinance.”*

Revise Section 1612.3.1 Design flood elevations to read as follows:

Section 1612.3.1 Design flood elevations. Where design flood elevations are not included in the *flood hazard areas* established in Section 1612.3, or where floodways are not designated, *the applicant shall comply with the requirements defined by the DeKalb County Stormwater Management Ordinance.”*

Revise Section 1612.3.2 Determination of impacts to read as follows:

Section 1612.3.2 Determination of impacts. In riverine *flood hazard areas* where design flood elevations are specified but floodways have not been designated, the applicant shall *comply with the requirements defined by the DeKalb County Stormwater Management Ordinance.”*

Revise Section 1612.4 Design and construction to read as follows:

Section 1612.4 Design and construction. The design and construction of buildings and structures located in *flood hazard areas* shall be in accordance with *the DeKalb County Stormwater Management Ordinance and Chapter 5 of ASCE 7 and ASCE 24.”*

Revise Section 1612.5 Flood hazard documentation to read as follows:

Section 1612.5 Flood hazard documentation. The documentation prepared shall be prepared in accordance with *the DeKalb County Stormwater Management Ordinance and this code.*

CHAPTER 18 SOILS AND FOUNDATIONS

SECTION 1804 EXCAVATION, GRADING, AND FILL

Revise Section 1804.5 Grading and fill in flood hazard areas to read as follows:

Section 1804.5 Grading and fill in flood hazard areas. In *flood hazard areas* established in Section 1612.3, grading, fill, or both, shall *be qualified and approved in accordance with the DeKalb County Stormwater Management Ordinance.”*

SECTION 1805 FOUNDATION DRAINAGE

Revise 1805.4.3 Drainage discharge to read as follows:

Section 1805.4.3 Drainage discharge. The floor base and foundation perimeter drain shall discharge by gravity or mechanical means into an *approved* drainage system that complies with the *Illinois Plumbing Code and the ordinances adopted by the DeKalb County Department of Health*. Where discharged at grade, the point of discharge of the drainage system shall be diverted in such a manner so as to not create a hazard and shall be no closer than one half (1/2) the distance between the required yard setback and the property line or five (5) feet, whichever is greater.”

CHAPTER 29 PLUMBING SYSTEMS is deleted in its entirety.

CHAPTER 31 SPECIAL CONSTRUCTION

SECTION 3103 TEMPORARY STRUCTURES

Revise paragraph 3103.1 General as follows:

Section 3103.1 General. The provisions of Sections 3103.1 through 3103.4 shall apply to structures *temporarily occupied or erected in conjunction with a Temporary Use Permit*. Tents and other membrane structures erected *in accord with section 3103.1.2* shall comply with the *International Fire Code*. *Temporary structures shall be erected for a period of less than 60 days, those erected for a longer period of time shall comply with applicable sections of this code.*

Section 3103.1.1 Conformance is amended to read as follows:

Section 3103.1.1 Conformance. *Existing structures and temporary structures occupied for temporary uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure public health, safety and general welfare.*

Section 3103.1.2, Permit required is amended to read as follows:

Section 3103.1.2 Permit required. *Temporary structures that are used or intended to be used for the gathering together of 100 or more persons in an Assembly without fixed seats; ‘unconcentrated (tables and chairs)’ function of space (15-sf net) as prescribed in Table 1004.1.2, shall not be erected, operated or maintained for any purpose without obtaining a permit from the building official.*

Add Section 3103.1.2.1 Temporary occupancy of existing structures to read as follows:

Section 3103.1.2.1 Existing structures. *Temporary occupancy of an existing structure in conjunction with a Temporary Use Permit that are used or intended to be used for the gathering of 50 or more persons in an Assembly without fixed seating; ‘standing space’*

function of space (5-sf net) as prescribed in Table 1004.1.2, shall not be operated or maintained for any purpose without an inspection by the building official and the fire code official.

Revise Section 3103.2 Construction Documents to read as follows:

Section 3103.2 Construction documents. A permit application and *construction documents* shall be submitted for each installation of a temporary structure. The construction documents shall include a site plan indicating the location of the temporary structure, *distance from adjacent structures*, and information delineating the *means of egress* and the *occupant load*.”

Revise Section 3103.3 Location to read as follows:

Section 3103.3 Location. Temporary structures shall be located in accordance with the requirements of *the DeKalb County Unified Development Ordinance, International Fire Code*, and Table 602 based on the *fire-resistance rating* of the *exterior walls* for the proposed type of construction.

SECTION 3106 MARQUEES

Revise Section 3106.1 General to read as follows:

Section 3106.1 General. Marquees shall comply with Sections 3106.2 through 3106.5 *the DeKalb County Unified Development Ordinance*, and other applicable sections of this code.

SECTION 3107 SIGNS

Revise Section 3107.1 General to read as follows:

Section 3107.1 General. Signs shall be designed, constructed and maintained in accordance *the DeKalb County Unified Development Ordinance* and other applicable sections of this code.”

Add Section 3107.2 New Signs to read as follows:

Section 3107.2 New Signs. A new sign shall not hereafter be erected, constructed, altered, or maintained except as herein provided, and until after a permit has been issued by the Code Official.

Add **Section 3107.3 Alterations to read as follows:**

Section 3107.3 Alterations. Except as otherwise stated, no sign as defined shall be erected, constructed, altered or relocated until meeting the requirements of all County ordinances, obtaining a permit from the County, and as necessary from the Illinois Department of Transportation and paying the fees as required in the DeKalb County Zoning Ordinance. Routine maintenance, changing of parts or sign displays designed for changes shall not be considered an alteration.

Add or Delete Appendixes in PART IX – Reference Standards for Building Code

- 1) Delete Appendix A “EMPLOYEE QUALIFICATIONS.”
- 2) Delete Appendixes B “BOARD OF APPEALS.”
- 3) Add Appendix C “GROUP U – AGRICULTURAL BUILDINGS” as part of this code.
- 4) Delete Appendix D “FIRE DISTRICTS.”
- 5) Delete Appendix E “SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS.”
- 6) Delete Appendix F “RODENTPROOFING.”
- 7) Delete Appendix G “FLOOD-RESISTANT CONSTRUCTION.”
- 8) Delete Appendix H “SIGNS.”
- 9) Add Appendix I “PATIO COVERS.”
- 10) Delete Appendix J “GRADING.”
- 11) Add Appendix K “ADMINISTRATIVE PROVISIONS” as part of this code.
- 12) Delete Appendix L “EARTHQUAKE RECORDING INSTRUMENTATION.”
- 13) Delete Appendix M “TSUNAMI-GENERATED FLOOD HAZARD.”

3. ARTICLE III. ELECTRICAL CODE:

Sec. 14-51. Adopted.

The NFPA 70, National Electric Code, ~~2005~~ 2014 Edition, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

4. ARTICLE V. MECHANICAL CODE:

Sec. 14-141. Adopted.

The International Mechanical Code, ~~2006~~ 2015, except as amended in this article, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

Sec. 14-142. Amendments.

The International Mechanical Code, ~~2006~~ 2015 as adopted by the County Board, is amended as set out in this section.

SECTION 101 GENERAL

In all Chapters and Sections where "name of jurisdiction" or "chief appointing authority of the jurisdiction" is written, insert "County of DeKalb, Illinois".

Section 106.5.2 Fees is amended to read:

See DeKalb County Building Permit Fee Schedule

Section 106.5.3 Refunds is hereby deleted in its entirety.

5. **ARTICLE VI. ONE- AND TWO-FAMILY DWELLING CODE:**

Sec. 14-166. Adopted.

The International Residential Code For One and Two Family Dwellings ~~2006~~ 2015 Edition, except as amended in this article, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

Sec. 14-167. Amendments.

The International Residential Code For One and Two Family Dwellings, ~~2006~~ 2015 Edition as adopted by the County Board, is amended as set out in this section.

General In all Chapters and Sections where "name of jurisdiction" and/or "chief appointing authority of the jurisdiction" is written, insert "County of DeKalb, Illinois."

CHAPTER 1 SCOPE AND ADMINISTRATION

SECTION R101 GENERAL

Revise section R101.1 Title to read as follows:

Section R101.1 Title. These provisions shall be known as the Residential Code for *One- and Two-family Dwellings of DeKalb County*, and shall be cited as such and will be referred to herein as "this code."

SECTION R102 APPLICABILITY

Revise section R102.7 Existing structures to read as follows:

Section R102.7 Existing structures. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *International Fire Code*, the *International Existing Building Code*, or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public.

SECTION R103 DEPARTMENT OF BUILDING SAFETY

Revise section R103.1 Creation of enforcement agency to read as follows:

Section R103.1 Creation of enforcement agency. The *Department of Community Development* is hereby created and the official in charge thereof shall be known as the *Director of Community Development*.

SECTION R104 DUTIES OF THE BUILDING OFFICIAL

Revise section R104.10.1 Flood hazard areas to read as follows:

Section R104.10.1 Flood hazard areas. The building official shall not grant modifications to any provisions required in flood hazard areas as established by Table R301.2(1) unless a determination has been made that *the development complies with the DeKalb County Stormwater Management Ordinance.*

SECTION R105 PERMITS

Revise section R105.2 “**Work exempt from permit. Building: Exemption 1.**” to read as follows:

Building Exemption 1. One-story detached accessory structures that have a maximum floor area of one-hundred twenty (120) square feet and are not located in a floodplain or wetland and comply with all requirements of the DeKalb County Unified Development Ordinance and DeKalb County Stormwater Ordinance and are properly anchored in accordance with this Code or anchored to a minimum 6” x 6” perimeter concrete curb or anchored with 3’-0” guy rods, 3’-0” auger rods, or piers.

Delete section R105.2 “**Work exempt from permit. Building: Exemption 2.** ~~Fences~~”

Revise section R105.2 **Work exempt from permit. Building: Exemption 3.** to read as follows:

Building Exemption 3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the *adjacent grade* to the top of the wall, unless supporting a surcharge.”

Delete Section R105.2 **Work exempt from permit. Building Exemption 4:** ~~Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1~~

Revise section R105.2 **Work exempt from permit. Building: Exemption 5** to read as follows:

Building Exemption 5. Sidewalks, patios and driveways that comply with all requirements of the DeKalb County Unified Development Ordinance and DeKalb County Stormwater Management Ordinance.

Revise section 105.2 **Work exempt from permit. Building: Exemption 10** to read as follows:

Building Exemption 10. Replacement windows and doors of the same size

Add section 105.2 **Work exempt from permit. Building: Exemption 11** to read as follows:

Building Exemption 11. Roofing and siding replacements without modification to any existing structural systems.

Add section 105.2 Work exempt from permit. Building: Exemption 12 to read as follows:

Building Exemption 12. Agricultural Exempt Structures as defined by the DeKalb County Unified Development Ordinance provided they obtain an Agricultural Exempt Zoning Permit and comply with the building setback requirements of the DeKalb County Unified Development Ordinance and all requirements of the DeKalb County Stormwater Management Ordinance.

Add section 105.2 Work exempt from permit. Building: Exemption 13 to read as follows:

Building Exemption 13. Temporary signs and permanent signs that are designated as not requiring permits in the DeKalb County Unified Development Ordinances provided that they comply with all requirements of the DeKalb County Unified Development Ordinance and DeKalb County Stormwater Management Ordinance.

Add section 105.2 Work exempt from permit. Building: Exemption 14 to read as follows:

Building Exemption 14. Ground signs located on park or conservation land provided that the sign down not include an off-premise commercial advertising message, are non-illuminated, limited to a maximum sign area of thirty-two square feet, and comply with all requirements of the DeKalb County Unified Development Ordinance and DeKalb County Stormwater Management Ordinance.

Revise section R105.3 Application for permit. to read as follows:

Section R105.3 To obtain a *permit*, the applicant shall first file an application therefor in writing on a form furnished by the Department of *Community Development* for that purpose. Such application shall.”

Revise section R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas. to read as follows:

Section R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas. For applications for reconstruction, rehabilitation, *addition*, alteration, repair or other improvement of existing buildings or structures located in a flood hazard area, *refer to the DeKalb County Stormwater Ordinance.*

Add section R105.4.1 Validity of Permit to read as follows:

Section R105.4.1 Permits for residential construction on platted, non-improved streets/roads will be issued subject to providing access prior to issuance of a Certificate of Occupancy. Access must be provided across the entire frontage of the lot or parcel in a manner equal to or better than the following minimum standards:*

- (1) Aggregate surface course to a compacted thickness of ten (10) inches and a width of nineteen (19) feet.*
- (2) Adequate provisions for roadway drainage.*

For purposes of this section, “non-improved” shall mean streets/roads which have not been constructed to state, county or township standards.

Delete section R105.5 Expiration.

SECTION R106 CONSTRUCTION DOCUMENTS

Revise section R106.1.4 Information for construction in flood hazard areas” to read as follows:

Section R106.1.4 Information for construction in flood hazard areas. For buildings and structures located in whole or in part in flood hazard areas as established by Table R301.2(1), *construction documents shall be prepared in accordance with the DeKalb County Stormwater Management Ordinance and this code. Where conflicts exist the more stringent ordinance shall supersede.*

Add section R106.1.5 Roofed structures supported by piers to read as follows:

Section R106.1.5 Roofed structures supported by piers. *Construction plans for roofed structures supported by a structural system other than a continuous footing and attached to a primary structure shall be signed and sealed by a design professional licensed in the State of Illinois.*

SECTION R107 TEMPORARY STRUCTURES AND USES

Delete section R107 “Temporary Structures and Uses.”

SECTION R109 INSPECTIONS

Section R109.1.1 Foundation inspection is amended to read as follows:

Section R109.1.1 Footing inspection. *Inspection of the footings shall be made prior to placement of any piers, footings, or poles and after the full foundation area is excavated to the required depth. The footing inspection shall include excavations for all foundation walls, frost walls, thickened slabs and isolated piers intended for the support of bearing walls, partitions, structural supports, or equipment.*

Add section R109.1.1.1 Backfill inspection to read as follows:

Section R109.1.1.2 Backfill inspection. *Inspection made after foundation walls are erected. Prior to backfilling the following systems or components including, but not limited to, damp/waterproofing, subsurface drainage system, exterior insulation, and anchoring shall be placed.*

Add section R109.1.1.2 Service inspection to read as follows:

Section R109.1.3 Service Inspection. *Service inspection must be conducted prior to any connection by the utility supplier. The service inspection shall include routing of all utilities from the right of way or the utility source to the main distribution point for the structure.*

Add section R109.1.1.3 Slab plumbing inspections to read as follows:

Section R109.1.1.2 Slab plumbing inspections. *Inspection made prior to the placement of concrete for any and all Plumbing, Electrical & Mechanical installations proposed under concrete slabs.*

Section R109.1.3 Floodplain Inspections is amended to read as follows:

Section R109.1.3 Site development inspections. *Inspections as required and detailed by the DeKalb County Stormwater Management Ordinance for building permits.*

Add section R109.1.4.1 Insulation Inspection to read as follows:

Section R109.1.4.1 Insulation Inspection: *Inspection of insulation that makes up the thermal envelope and insulation at piping, duct, or other system components prior to application of finishes and general concealment. The final energy performance specifications and tests shall be available during inspection.*

Section R109.3 Inspection requests is amended to read as follows:

Section R109.3 Inspection requests. It shall be the duty of the *permit* holder or their agent to notify the *building official* that such work is ready for *inspection at least twenty hours (24hrs) before said inspection*. It shall be the duty of the *permit holder* requesting any inspections required by this code to provide access to and means for inspection of such work.

Section R112 Board of Appeals, is hereby amended to add the following:

Section R112.5 The board of appeals shall consist of three members appointed by the County Board Chairman as follows: one for five years, one for four years, and one for three years. Thereafter, each new member shall serve for five years or until a successor has been appointed.

CHAPTER 3 BUILDING PLANNING

SECTION R301 DESIGN CRITERIA

Delete Table R301.2(1) and replaced as follows:

TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY ^f	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP ^e	ICE BARRIER UNDERLAYMENT REQUIRED ^b	FLOOD HAZARDS ^g	AIR FREEZING INDEX ⁱ	MEAN ANNUAL TEMP ^j
	Speed ^d (mph)	Topographic effects ^k		Weathering ^a	Frost line depth ^b	Termite ^c					
30	115	NO	B	SEVERE	42	M-H	-4	YES	SMO	2000	50 ^o F

For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

- a. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index (i.e., "negligible," "moderate" or "severe") for concrete as determined from the Weathering Probability Map [Figure R301.2(3)]. The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.
- b. The frost line depth may require deeper footings than indicated in Figure R403.1(1). The jurisdiction shall fill in the frost line depth column with the minimum depth of footing below finish grade.
- c. The jurisdiction shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.
- d. The jurisdiction shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2(4)A]. Wind exposure category shall be determined on a site-specific basis in accordance with [Section R301.2.1.4](#).
- e. The outdoor design dry-bulb temperature shall be selected from the columns of 97¹/₂-percent values for winter from Appendix D of the International Plumbing Code. Deviations from the Appendix D temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official.
- f. The jurisdiction shall fill in this part of the table with the seismic design category determined from [Section R301.2.2.1](#).
- g. The jurisdiction shall fill in this part of the table with (a) the date of the jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the Flood Insurance Study and (c) the panel numbers and dates of all currently effective FIRMs and FBFMs or other flood hazard map adopted by the authority having jurisdiction, as amended.
- h. In accordance with [Sections R905.2.7.1](#), [R905.4.3.1](#), [R905.5.3.1](#), [R905.6.3.1](#), [R905.7.3.1](#) and [R905.8.3.1](#), where there has been a history of local damage from the effects of ice damming, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall fill in this part of the table with "NO."
- i. The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99 percent) value on the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)" at www.ncdc.noaa.gov/fpsf.html.
- j. The jurisdiction shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)" at www.ncdc.noaa.gov/fpsf.html.
- k. In accordance with [Section R301.2.1.5](#), where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall indicate "NO" in this part of the table.

Revise section R301.2.4 Floodplain construction to read as follows:

Section R301.2.4 Floodplain construction. Buildings and structures constructed in whole or in part in flood hazard areas as established by Table R301.2(1), and substantial improvement and restoration of substantial damage of buildings and structures in flood hazard area, shall be designed and constructed in accordance with the requirements of the DeKalb County Stormwater Management Ordinance."

SECTION R302 FIRE-RESISTANT CONSTRUCTION

Section R302.1 Exterior walls is amended to read as follows:

Section R302.1 Exterior walls. Construction, projections, openings and penetrations of exterior walls of dwellings and accessory buildings shall comply with the DeKalb County Unified Development Ordinance. Where the Unified Development Ordinance does not apply, such structures shall be regulated by Table R302.1(l).

~~**Section R302.1 Exterior Walls. Exception #2.** Walls of dwellings and accessory structures located on the same lot~~

~~**Section R302.1 Exterior Walls. Exception #4.** Detached garages accessory to a dwelling located within 2 feet (610 mm) of a lot line are permitted to have roof eave projections not exceeding 4 inches (102 mm).~~

~~**Section R302.1 Exterior Walls. Exception #5.** Foundation vents installed in compliance with this code are permitted.~~

Section R302.6 Dwelling-garage fire separation is amended to read as follows:

Section R302.6 Dwelling-garage fire separation. The garage shall be separated from the residence and its attic area by means of minimum 5/8-inch (16.51mm) Fire Code gypsum board applied to the garage side. This application shall be continuous on all walls, ceilings and soffits when habitable space exists above the garage area.

SECTION R309 GARAGES AND CARPORTS

Section R309.1 Floor surface is amended as follows:

Section R309.1 Floor surface. Garage and carports floor surfaces shall be of approved noncombustible material. That area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate the movement of liquids towards the main vehicle entry doorway. The common wall of garage and living space, including stairwells, shall have a four (4) inch concrete curb to protect separation wall from liquids.

Exception: Garage floors with a slope of 1.5% grade that continues to slope from the garage floor down the driveway are not required to have a four (4) inch gas curb

Section R309.3 Flood hazard areas is amended to read as follows:

Section R309.3 Flood hazard areas. For buildings located in flood hazard areas as established by Table R301.2(l), garage floors shall be constructed in accordance with the DeKalb County Stormwater Management Ordinance.

Add Section R309.6 Service door to read as follows:

Section R309.6 Service Door. One (1) service door leading directly to the exterior is required for attached or detached garages.

Add Section R309.7 Gas Curb to read as follows:

Section R309.7 Gas Curb. A concrete curb extending at least four inches (4") above the garage floor and around all below grade openings shall be provided for attached garages.

SECTION R311 MEANS OF EGRESS

Section R311.2 Egress door is amended to read as follows:

Section R311.2 Egress doors. Not less than two egress doors shall be provided for each dwelling unit. At least one of the required egress doors shall be side-hinged, and shall provide a clear width of not less than 32 inches (813 mm) where measured between the face of the door and the stop, with the door open 90 degrees (1.57 rad). The second required egress door shall be permitted to be a side-hinged door or a slider. The clear height of the door opening shall be not less than 78 inches (1981 mm) in height measured from the top of the threshold to the bottom of the stop. Other doors shall not be required to comply with these minimum dimensions. Egress doors shall be readily openable from inside the dwelling without the use of a key or special knowledge or effort.

Revise section R311.5.1.1 Attachment to read as follows:

Section R311.5.1 Attachment. Exterior landings, decks, balconies, stairs and similar facilities shall be positively anchored to the primary structure to resist both vertical and lateral forces or shall be designed to be self-supporting. Attachment shall comply with Table R507.2."

SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS

Section R313 AUTOMATIC FIRE SPRINKLER SYSTEMS is amended to read as follows:

Section R313.1 Townhouse automatic fire sprinkler systems. An automatic residential fire sprinkler system shall not be required in townhouses.

Section R313.1.1 Design and Installation. Where provided, automatic residential fire sprinkler systems for townhouses shall be designed and installed in accordance with the Illinois Plumbing Code and NFPA 13 D.

Section R313.2 One- and two-family dwellings automatic fire systems. An automatic residential fire sprinkler system shall not be required in one- and two-family dwellings.

Section R313.2.1 Design and installation. When provided, automatic residential fire sprinkler systems shall be designed and installed in accordance with the Illinois Plumbing Code and NFPA 13D.

Add Section R313.3 Other Code Requirements. All structures built without automatic fire sprinkler systems shall comply with construction and separation requirements for non-sprinklered construction described in this code.

SECTION R322 FLOOD RESISTANT CONSTRUCTION

Section R322.1.5 General is amended to read as follows:

Section R322.1 General. Buildings and structures constructed in whole or in part in flood hazard areas, including A or V Zones and Coastal A Zones, as established in Table R301.2(l), and substantial improvement and restoration of substantial damage of buildings and structures in flood hazard areas, shall be designed and constructed in accordance with the provisions of the DeKalb County Stormwater Management Ordinance and as contained in this section. Construction documents shall be prepared by an architect or appropriate design professional licensed in the State of Illinois. Buildings and structures that are located in more than one flood hazard area shall comply with the provisions associated with the most restrictive flood hazard area. Buildings and structures located in whole or in part in identified floodways shall be designed and constructed in accordance with the DeKalb County Stormwater Management Ordinance and ASCE 24.

SECTION R324 SOLAR ENERGY SYSTEMS

Revise Section R324.2 Solar thermal systems to read as follows:

Section R324.2 Solar thermal systems. Solar thermal systems shall be designed and installed in accordance with the DeKalb County Unified Development Ordinance, Chapter 23 and the International Fire Code.

Revise Section R324.3 Photovoltaic Systems to read as follows:

Section R324.3 Photovoltaic systems. Photovoltaic systems shall be designed and installed in accordance with the DeKalb County Unified Development Ordinance, Sections R324.3.1 through R324.7.2.5 and NFPA 70. Inverters shall be listed and labeled in accordance with UL 1741. Systems connected to the utility grid shall use inverters listed for utility interaction.

Revise **Section R324.4.1 Roof live load** to read as follows:

Section R324.4.1 Roof live load. Roof structures that provide support for photovoltaic panel systems shall be designed for applicable roof loads. Portions of roof structures not covered by photovoltaic panels shall be designed for dead loads and live loads in accordance with R301.4 and R301.6. Roof structures that provide support for photovoltaic panel systems shall be designed for the following load cases:

- (1) Dead Load (including photovoltaic panel weight) plus snow load in accordance with Table R301.2(1)
- (2) Dead Load (excluding photovoltaic panel weight) plus roof live load or snow load, whichever is greater, in accordance with Section R301.6.

Revise **Section R324.6.1 Fire separation distances** to read as follows:

Section R324.6.1 Fire separation distances. Ground-mounted photovoltaic systems shall maintain a fire separation distance of 7'-0" from any other accessory or principle structure or as allowed by the DeKalb County Unified Development Ordinance.

CHAPTER 4 FOUNDATIONS

SECTION R403 FOOTINGS

Revise **Section R403.1.1 Minimum size** to read as follows:

Section R403.1.1 Minimum size. The minimum width, W, and thickness, T, for concrete footings shall be no less than 16" x 8" for light-frame construction and 20" x 10" for light-frame construction with brick veneer or in accordance with Tables R403.1(1) through R403.1(3) and Figure R403.1(1) or R403.1.3, as applicable. The footing width shall be based on the load-bearing value of the soil in accordance with Table R401.4.1. Footing projections, P, shall be not less than 2 inches (51 mm) and shall not exceed the thickness of the footing. Footing thickness and projection for fireplaces shall be in accordance with Section R1001.2. The size of footings supporting piers and columns shall be based on the tributary load and allowable soil pressure in accordance with Table R401.4.1. Footings for wood foundations shall be in accordance with the details set forth in Section R403.2, and Figures R403.1(2) and R403.1(3).

Add Section R403.1.1.1 Turned down footing to read as follows:

Section R403.1.1.1 Turned down footing. The minimum width, W, of a turned down footing shall be no less than 12" or shall be based on the load-bearing value of the soil in accordance with Table R401.4.1. The minimum depth shall be in accordance with Section R403.1.4.

SECTION R404 FOUNDATION AND RETAINING WALLS

Revise **Section R404.1.2.1 Masonry foundation walls** to read as follows:

Section R404.1.2.1 Masonry foundation walls. Concrete masonry and clay masonry foundation walls shall have a minimum nominal thickness of 8" or as set forth in Table R404.1.1(1), R404.1.1(2), R404.1.1(3) or R404.1.1(4) and shall also comply with applicable provisions of Section R606. In buildings assigned to Seismic Design Categories D0, D, and D2, concrete masonry and clay masonry foundation walls shall also comply with Section R404.1.4.1. Rubble stone masonry foundation walls shall be constructed in accordance with Sections R404.1.8 and R606.3.2. Rubble stone masonry walls shall not be used in Seismic Design Categories D0, D, and D2.

SECTION R405 FOUNDATION DRAINAGE

Add Section R405.2.4 “Point of discharge” to read as follows:

Section R405.2.4 Point of discharge. The point of discharge of the drainage system shall be diverted in such a manner so as to not create a hazard and shall be no closer than one half (1/2) the distance between the required yard setback and the property line or five (5) feet, whichever is greater.

SECTION R408 UNDER-FLOOR SPACE

Section R408.5 Removal of debris is amended to read as follows:

Section R408.5 Removal of debris. The under-floor grade shall be cleaned of all vegetation and organic material and granular fill, pea gravel, or a concrete slab placed over a vapor barrier that complies with R506.2.3. All wood forms used for placing concrete shall be removed before a building is occupied or used for any purpose. All construction materials shall be removed before a building is occupied or used for any purpose.

Revise section R408.7 “Flood resistance” to read as follows:

Section R408.7 Flood resistance. For buildings located in the flood hazard areas refer to the requirements of the DeKalb County Stormwater Management Ordinance.”

CHAPTER 5 FLOORS

Section R507 EXTERIOR DECKS

Revise Table R507.2 Deck Ledger connection to Band Joist to read as follows:

Table R507.2 DECK LEDGER CONNECTION TO BAND JOIST^{a, b} (Deck live load = 40 psf, deck dead load = 10 psf)

JOIST SPAN	6' and less	6' 1" to 8'	8' 1" to 10'	10' 1" to 12'	12' 1" to 14'	14' 1" to 16'	16' 1" to 18'
Connection details	On-center spacing of fasteners^{d, e}						
1/2-inch diameter lag screw with 1/2-inch maximum sheathing ^{c, d}	16	16	16	8	8	8	8
1/2-inch diameter bolt with 1/2-inch maximum sheathing ^d	16	16	16	8	8	8	8
1/2-inch diameter bolt with 1-inch maximum sheathing ^e	16	16	16	8	8	8	8

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm. 1 pound per square foot = 0.0479 kPa.

- a. Ledgers shall be flashed in accordance with Section R703.8 to prevent water from contacting the house band joist.
- b. Snow load shall not be assumed to act concurrently with live load.
- c. The tip of the lag screw shall fully extend beyond the inside face of the band joist.
- d. Sheathing shall be wood structural panel or solid sawn lumber.
- e. Sheathing shall be permitted to be wood structural panel, gypsum board, fiberboard, lumber or foam sheathing. Up to 1/2-inch thickness of stacked washers shall be permitted to substitute for up to 1/2 inch of allowable sheathing thickness where combined with wood structural panel or lumber sheathing.

Revise **Section R507.2.4 Deck lateral load connection** to read as follows:

Section R507.2.4 Deck lateral load connection. Where a lateral load connection is provided, the connection shall be permitted to be in accordance with Figure R507.2.3(1) or R507.2.3(2). Where the lateral load connection is provided in accordance with Figure R507.2.3(1), hold-down tension devices shall be installed in not less than two locations per deck, within 24 inches of each end of the deck. Each device shall have an allowable stress design capacity of not less than 1,500 pounds (6672 N). Where the lateral load connections are provided in accordance with Figure R507.2.3(2), the hold-down tension devices shall be installed in not less than four locations per deck, and each device shall have an allowable stress design capacity of not less than 750 pounds (3336 N).

Chapter 11 is hereby deleted in it's entirety and replaced with:

See the Illinois Energy Conservation Code

Delete CHAPTER 25 THROUGH 32 regarding plumbing:

The following appendices are adopted in their entirety for the Residential Code

Appendix C Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems

Appendix E Manufactured Housing Used As Dwellings

Appendix F Passive Radon Control Methods

Appendix H Patio Covers

Appendix J Existing Buildings And Structures

Appendix T Recommended Procedure for Worst-Case Testing of Atmospheric Vening Systems Under N1102.4 or N1105 Conditions $\leq 5ACH_{50}$

6.. ARTICLE VII. PLUMBING CODE:

The provisions of the Illinois Plumbing Code as adopted separately by the DeKalb County Board shall govern the erection, installation, alteration, repairs, relocation, and replacement, addition to, use or maintenance of plumbing equipment.

7. ARTICLE VIII. FIRE CODE:

Sec. 14-201. Adopted.

The International Fire Code, ~~2006~~ 2015 Edition except as amended in this article, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

Sec. 14-202. Amendments.

The International Fire Code, ~~2006~~ 2015 Edition as adopted by the County Board, is amended as set out in this section.

General In all Chapters and Sections where "name of jurisdiction" or "chief appointing authority of the jurisdiction" is written, insert "County of DeKalb, Illinois".

Section 103.2 Appointment is amended as follows.

The fire code official shall be the fire chief of the local fire protection district in which the subject property is located.

SECTION 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES

Revise Section 307 “Open burning, recreational fires, and portable outdoor fireplaces” to read as follows:

Section 307.1 General. *Open burning, recreational fires, and portable outdoor fireplaces shall comply with the DeKalb County Health Department Open Burning Ordinance and with the fire prevention district(s) having jurisdiction in which the activity is to occur.*

SECTION 308 OPEN FLAMES

Revise Section 308 Open flames to read as follows:

Section 308.1 General. *Open flame, fire, and burning on all premises shall comply with the DeKalb County Department of Health Open Burning Ordinance and with the fire prevention district(s) having jurisdiction in which the activity is to occur.”*

SECTION 310 SMOKING

Delete Section 310 “Smoking” in its entirety.

8. ARTICLE IX. ENERGY CODE:

Sec. 14-211. Adopted.

The most recent Illinois Energy Conservation Code and the most recent Supplements thereto currently in force as mandated by the State of Illinois, as amended herein, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

9. ARTICLE X. FUEL GAS CODE:

Sec. 14-221. Adopted.

The International Fuel Gas Code, ~~2006~~ 2015 Edition, as amended herein, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

Sec. 14-222. Amendments.

The International Fuel Gas Code, ~~2006~~ 2015 Edition, as adopted by the County Board, is amended as set out in this section.

General In all chapters and sections where "name of jurisdiction" and/or "chief appointing authority of the jurisdiction" is written, insert "County of DeKalb."

Section 106.6.2 Fee Schedule is amended to read:

See DeKalb County Building Permit Fee Schedule.

Section 106.6.3 Refunds is hereby deleted in its entirety.

10. **ARTICLE XII. EXISTING BUILDING CODE**, is hereby amended, as follows:

ARTICLE XII. EXISTING BUILDING CODE

Sec. 14-232. Adopted.

The International Existing Building Code, ~~2006~~ 2015 Edition, as amended herein, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

CHAPTER 1 GENERAL

SECTION 103 DEPARTMENT OF BUILDING SAFETY

Revise Section 103.1 "Creation of enforcement agency" to read as follows:

Section [A] 103.1 Creation of enforcement agency. *The Department of Community Development is hereby created and the official in charge thereof shall be known as the Director of Community Development."*

SECTION 104 DUTIES OF THE BUILDING OFFICIAL

Revise **Section 104.2.1 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas** to read as follows:

Section [A] 104.2.1 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas. For applications for reconstruction, rehabilitation, *repair, alteration, addition* or other improvement of existing buildings or structures located in *flood hazard areas, refer to the DeKalb County Stormwater Management Ordinance. When determined* that the proposed

work constitutes *substantial improvement* or *repair of substantial damage*, and where required by this code, the *building official* shall require the building to meet the requirements of *the DeKalb County Stormwater Management Ordinance* and Section 1612.”

Revise Section 104.10.1 Flood hazard areas to read as follows:

Section [A] 104.10.1 Flood hazard areas. For *existing buildings* located in *flood hazard areas* for which *repairs, alterations, and additions* constitute *substantial improvement*, the *building official* shall not grant modifications to provisions related to flood resistance unless a determination has been made that *the development complies with the DeKalb County Stormwater Management Ordinance*.

SECTION 105 PERMITS

Revise **Section 105.2 “Work exempt from permit.”** to read as follows:

Section 105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for *work exempt by the International Building Code or the International Residential Code*.

Revise Section 105.3 “Application for permit.” to read as follows:

Section [A] 105.3 Application for permit. To obtain a *permit*, the applicant shall first file an application therefor in writing on a form furnished by the Department of *Community Development* for that purpose *and shall include the required information prescribed in the International Building Code or the International Residential Code as adopted by DeKalb County.*”

Revise Section 105.5 “Expiration” to read as follows:

Section [A] 105.5 Expiration. *The permit is valid for a period as prescribed in the International Building Code or the International Residential Code as adopted by DeKalb County.*”

SECTION 107 TEMPORARY STRUCTURES AND USES

Revise Section 107.1 “General.” To read as follows:

Section [A] 108.1 General. The *building official* is authorized to issue a *permit* for temporary structures for *Temporary Use Permits in accord with the DeKalb County Unified Development Ordinance*. Such *temporary structures* shall be limited as to time of service *as prescribed in the International Building Code.*”

SECTION 109 INSPECTIONS

Revise Section 109.1 “General” to read as follows:

Section [A] 109.1 General. *Inspections shall be conducted as prescribed by the International Building Code and International Residential Code as adopted by DeKalb County.”*

SECTION 110 CERTIFICATE OF OCCUPANCY

Revise Section 110.2 “Certificate issued” to read as follows:

Section [A] 110.2 Certificate issued. *Certificates of occupancy shall be issued as prescribed by the International Building Code and the International Residential Code.*

Delete SECTION 115 UNSAFE STRUCTURES AND EQUIPMENT

CHAPTER 3 PROVISIONS FOR ALL COMPLIANCE METHODS

SECTION 302 GENERAL PROVISIONS

Revise Section 302.2 “Additional codes” to read as follows:

Section 302.2 Additional codes. Alterations, repairs, additions and changes of occupancy to, or relocation of, existing buildings and structures shall comply with the provisions for alterations, repairs, additions and changes of occupancy or relocations, respectively, in this code and the *building codes and ordinances as adopted by DeKalb County.”*

CHAPTER 4 PRESCRIPTIVE COMPLIANCE METHOD

SECTION 402 ADDITIONS

Revise Section 402.2 “Flood hazards areas.” to read as follows:

Section [BS] 402.2 Flood hazard areas. For buildings or structures in flood hazard areas established in the *DeKalb County Stormwater Management Ordinance*, any addition that constitutes substantial improvement shall comply the flood design requirements defined in the *DeKalb County Stormwater Management Ordinance*. *Additions that do not constitute substantial improvement shall be documented in accordance with the DeKalb County Stormwater Ordinance and the International Building Code or International Residential Code as adopted by DeKalb County.”*

SECTION 403 ALTERATIONS

Revise Section 403.2 “Flood hazards areas.” to read as follows:

Section [BS] 403.2 Flood hazard areas. For buildings or structures in flood hazard areas established in *the DeKalb County Stormwater Management Ordinance*, any alteration that constitutes substantial improvement shall comply the flood design requirements defined in *the DeKalb County Stormwater Management Ordinance*. *Alterations that do not constitute substantial improvement shall be documented in accordance with the DeKalb County Stormwater Ordinance and the International Building Code or International Residential Code as adopted by DeKalb County.*”

SECTION 404 REPAIRS

Revise Section 404.5 “Flood hazards areas.” to read as follows:

Section [BS] 404.5 Flood hazard areas. For buildings or structures in flood hazard areas established in *the DeKalb County Stormwater Management Ordinance*, any repair work that requires permits in accordance *the International Building Code or the International Residential Code* and that constitutes substantial improvement shall comply the flood design requirements defined in *the DeKalb County Stormwater Management Ordinance*. *Repairs that do not constitute substantial improvement shall be documented in accordance with the DeKalb County Stormwater Ordinance and the International Building Code or International Residential Code as adopted by DeKalb County.*”

SECTION 410 ACCESSIBILITY FOR EXISTING BUILDINGS

Delete Chapter 410 “ACCESSIBILITY FOR EXISTING BUILDINGS” and replace as follows:

Section 410.1 Accessibility for Existing Buildings. *Accessibility requirements for additions, alterations, and change of occupancy within existing buildings shall be designed and constructed in accordance with the Illinois Accessibility Code and the International Building Code.*”

CHAPTER 6 REPAIRS

SECTION 606 STRUCTURAL

Revise Section 606.2.4 “Flood hazards areas.” to read as follows:

Section [BS] 606.2.4 Flood hazard areas. In flood hazard areas, buildings that have sustained substantial damage shall be brought into compliance with *the DeKalb County Stormwater Management Ordinance*.”

CHAPTER 7 ALTERATIONS – LEVEL 1

SECTION 701 GENERAL

Revise Section 701.3 “Flood hazard areas.” to read as follows:

Section [BS] 701.3 Flood hazard areas. In flood hazard areas *established in the DeKalb County Stormwater Management Ordinance*, alterations that constitute substantial improvement shall require that the building comply with the *DeKalb County Stormwater Management Ordinance and the International Building Code or International Residential Code* as applicable.”

SECTION 705 ACCESSIBILITY

Delete Chapter 705 “ACCESSIBILITY” and replace as follows:

Section 705.1 General. *Accessibility requirements for Level 1 alterations within existing buildings shall be designed and constructed in accordance with the Illinois Accessibility Code and the International Building Code.*”

CHAPTER 8 ALTERATIONS – LEVEL 2

SECTION 806 ACCESSIBILITY

Revise Section 806.2 “Stairways and escalators in existing buildings.” and replace as follows:

“806.2 Stairways and escalators in existing buildings. In alterations where an escalator or stairway is added where none existed previously, an accessible route shall be provided in accordance with *the Illinois Accessibility Code and the International Building Code.*”

SECTION 810 PLUMBING

Revise Section 810.1 “Minimum Fixtures.” to read as follows:

Section 810.1 Minimum Fixtures. *The minimum number of plumbing fixtures shall be calculated and installed in accordance with the Illinois Plumbing Code and Illinois Accessibility Code.*”

CHAPTER 9 ALTERATIONS – LEVEL 3

SECTION 906 ACCESSIBILITY

Delete Section 906.2 “Type B dwelling or sleeping units.”

CHAPTER 11 ADDITIONS

SECTION 1105 ACCESSIBILITY

Delete Section 1105.2 “Accessible dwelling units and sleeping units.”

Delete Section 1105.3 “Type A dwelling or sleeping units.”

Delete Section 1105.4 “Type B dwelling or sleeping units.”

CHAPTER 14 PERFORMANCE COMPLIANCE METHODS

SECTION 1401 GENERAL

Revise Section 1401.2 “Applicability” to read as follows:

Section 1401.2 Applicability. Structures existing prior to *the adoption of this ordinance* in which there is work involving additions, alterations, or changes of occupancy shall be made to conform to the requirements of this chapter or the provisions of Chapters 5 through 13 *or Section 1401.4*. The provisions of Sections 1401.2.1 through 1401.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, I-2, M, R and S. These provisions shall not apply to buildings with occupancies in Group H or I-1, I-3 or I-4.”

CHAPTER 15 CONSTRUCTION SAFEGUARDS

Delete Chapter 15 “Construction Safeguards” in its entirety.

PART IX – Reference Standards for Existing Buildings

Delete Appendix A “GUIDELINES FOR THE SEISMIC RETROFIT OF EXISTING BUILDINGS.”

Delete Appendix B “SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS FOR EXISTING BUILDINGS AND FACILITIES.”

Add Appendix C “GABLE END RETROFIT FOR HIGH-WIND AREAS.”

Delete Appendix D "SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS."
Delete Resource A "GUIDELINES ON FIRE RATINGS OF ARCHAIC MATERIALS AND ASSEMBLIES."

11. ADD NEW ARTICLE XIII. SWIMMING POOL AND SPA CODE:

Sec. 14-233. Adopted.

The International Swimming Pool and Spa Code 2015 Edition, as amended herein, is hereby adopted and incorporated by reference as if set forth verbatim in this article.

The following sections of the International Swimming Pool and Spa Code, 2015 Edition are hereby revised as follows:

In all Chapters and Sections, where "name of jurisdiction" and/or "chief appointing authority of the jurisdiction" is written, insert "County of DeKalb, Illinois."

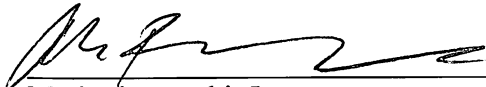
SECTION 202 DEFINITIONS.

Add in Section 202 the following words or groups of words shall have the meanings assigned to them as hereinafter listed:

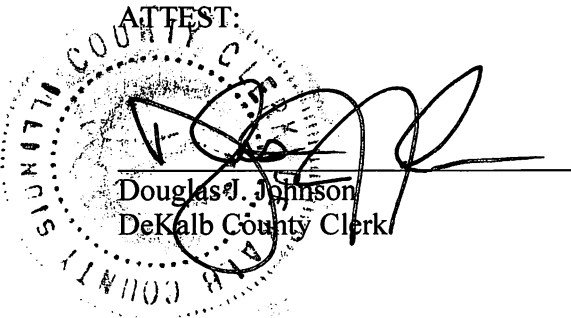
SWIMMING POOL. Any structure intended for swimming or recreational bathing that contains water over twenty (24) inches deep. This includes in-ground, above-ground and on-ground swimming pools, hot tubs, and spas

SECTION THREE: This Ordinance shall be in full force and effect upon July 1, 2019 after its adoption by the County Board of DeKalb County, Illinois.

ADOPTED BY THE COUNTY BOARD THIS 19TH DAY OF JUNE, 2019, A.D.



Mark Pietrowski, Jr.
Chairman, DeKalb County Board

ATTEST:

Douglas J. Johnson
DeKalb County Clerk