

SECTION 14. That Article XIV, “Green Building Regulations”, is hereby amended as follows:

ARTICLE XIV. GREEN BUILDING REGULATIONS

DIVISION 1. GENERALLY

The *ICC International Green Construction Code*, 2018 Edition (IgCC), is amended in the following respects:

Sec. 5-301. Scope.

This article places additional "green building" requirements on certain sizes and various types of new construction and redevelopment activities within Rockville.

Sec. 5-302. Building Code Compliance Required.

This code is an overlay document to be used in conjunction with the other codes and standards adopted by the City of Rockville. This code is not intended to abridge or supersede safety, health or environmental requirements under other applicable codes or ordinances.

Sec. 5-303. Green Building Applicability.

Except as provided in Section 5-304 and Section 5-322 of Article XIV Green Building Regulations, these requirements shall apply to construction of all new buildings, and the following additions, reconstruction and alterations to buildings:

- (1) Additions of seven thousand five hundred (7,500) gsf or more to an existing non-residential or multi-unit residential building;
- (2) Alterations of more than fifty (50) percent of the gsf of a non-residential or multi-unit residential building if the altered area is seven thousand five hundred 7,500 gsf or larger;
- (3) Alterations to existing one and two family dwellings and additions meeting the criteria for “new construction” or “substantial reconstruction” as defined in Article VI, Section 5-102, R202.

Sec. 5-304. Buildings and Structures Exempt.

The following construction is exempt from the requirements of this Article:

- (1) Accessory buildings and structures, as defined by section 25.09.03 (Zoning Ordinance) of the Rockville City Code;
- (2) Temporary structures as defined by Section 25.09.04 (Zoning Ordinance) of the Rockville City Code.

Sec. 5-305. Certification Not Required.

Compliance with this Article does not require a construction project to obtain certification from the U.S. Green Building Council or any other “green” certification organization. The City, as described in Division 2 of this Article, shall perform evaluation for compliance with the provisions of this Article.

Secs. 5-306 - 5-310. Reserved.**DIVISION 2. ADMINISTRATION AND ENFORCEMENT****Sec. 5-311. Administration.**

(a) The Chief of Zoning or his/her designee will review projects for compliance with this Article during the design phase of new construction. This includes:

(1) Reviewing the submitted green building-checklists and supporting documentation for completeness and accuracy, as it pertains to site development;

(b) The Chief of Inspection Services or his/her designee will review projects for compliance with this Article during the design phase of new construction. This includes:

(1) Reviewing the submitted green building checklists and supporting documentation for completeness and accuracy, as it pertains to building construction;

Sec. 5-312. Enforcement.

The Chief of Inspection Services or his/her designee will review projects for compliance with this Article during construction and prior to occupancy. This includes:

(1) Ensuring that buildings have been constructed to meet the appropriate green standards per their design;

(2) Ensuring appropriate materials, appliances and equipment are installed, as required;

(3) Reviewing required computer software reports, worksheets, compliance manuals, commissioning documents, and building/homeowner maintenance manuals, if required for credit;

(4) Ensuring waste management requirements have been fulfilled.

Sec. 5-313. Waivers and Modifications.

The Chief of ~~Planning~~ Zoning or the Chief of Inspection Services may modify the provisions of this Article as appropriate to accommodate historic preservation considerations.

Secs. 5-314 - 5-315. Reserved.

DIVISION 3. DEFINITIONS

Sec. 5-316. Definitions.

Words defined in this article are intended only for use with sections of this article or any document referred to in this article.

ANSI means the American National Standards Institute.

Alteration, when applied to a building or structure or its service equipment, means:

- (1) A change or rearrangement in the structural parts or in the exit facilities;
- (2) A vital change in the service equipment;
- (3) An enlargement whether by extending laterally or by increasing in height;
- (4) The moving from one (1) location or position to another; or
- (5) The change in occupancy from one (1) use group to another of different legal requirements.

Building means a structure having one (1) or more stories and a roof, designed primarily for the shelter, support, or enclosure of persons, animals, or property of any kind; and is not an accessory building as defined in section 25.09.03 of the Zoning Ordinance of the City of Rockville.

City Manager means the City Manager for the City of Rockville, or his/her designee.

ENERGY STAR means the joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy designed to identify and promote energy-efficient products and practices.

EPA means the U.S. Environmental Protection Agency.

Green building means a holistic approach to design, construction, operation, maintenance and demolition that minimizes the building's impact on the environment, the occupants and the community.

GSF means gross square footage. GSF is the sum of all areas on all floors of a building included within the outside faces of the exterior walls, including floor penetration areas, however insignificant, for circulation and shaft areas that connect one floor to another.

LEED ® means the Leadership in Energy and Environmental Design green building rating system, version 4 or the most current mandated version by the U.S. Green Building Council.

Individual rating systems, and the associated checklists, have been created for several different building categories.

Multi-unit residential means residential structures not governed by the provisions of article VI of this chapter.

National Green Building Standard (NGBS) means the ANSI-approved residential green building standard released by the National Association of Home Builders (NAHB) in coordination with the International Code Council (ICC700-2015). For multi-unit and low-rise residential buildings, the NGBS may be used as an equivalent rating system.

Non-residential means commercial, industrial, institutional, governmental and the non-residential portions of mixed-use developments.

USGBC means the U.S. Green Building Council, creator and maintainer of the LEED® green building rating system.

Secs. 5-317 - 5-320. Reserved.

DIVISION 4. NON-RESIDENTIAL AND MULTI-UNIT RESIDENTIAL GREEN BUILDINGS

Sec. 5-321. International Green Construction Code--Adopted.

The International Code Council (ICC) International Green Construction Code, 2015 Edition, as modified herein, is hereby adopted as the green construction code for the City. One (1) copy of such publication as adopted shall be housed by the Inspection Services Division and made available for inspection by the public during regular office hours. Any amendment or change in such publication promulgated by the International Code Council shall not become a part of this article until adopted by ordinance. References to other ordinances and codes of the City shall be interpreted and applied in accordance with the terms and effect of such ordinances and codes at the time of such application and interpretation.

Sec. 5-322. Same--Amendments.

The *ICC International Green Construction Code*, 2015 Edition (IgCC), is amended in the following respects:

Section 101.1 of the IgCC is amended to read as follows:

101.1 Title. These regulations shall be known as the *Green Construction Code of the City of Rockville*, hereinafter referred to as “this code”.

Section 101.3 of the IgCC is amended to read as follows:

101.3 Scope. The provisions of this code shall apply to new construction as it relates to the design and construction of buildings and additions, building sites, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures and to the site on which the building is located. Occupancy classifications shall be determined in accordance with the *International Building Code*[®] (IBC[®]).

Exceptions:

1. The code shall not apply to items 1.1, 1.2 and 1.3 except where the jurisdiction adopts the jurisdictional requirements of Section 302.1, Item 1, for residential buildings.
 - 1.1. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories in height above grade plane with a separate means of egress, their accessory structures, and the site or lot upon which these buildings are located.
 - 1.2. Group R-3 residential buildings, their accessory structures, and the site or lot upon which these buildings are located.
 - 1.3. Group R-2 and R-4 residential buildings four stories or less in height above grade plane, their accessory structures, and the site or lot upon which these buildings are located.
2. The code shall not apply to equipment or systems that are used primarily for industrial or manufacturing.
3. The code shall not apply to temporary structures *approved* under Section 3103 of the *International Building Code*.
4. Where ASHRAE 189.1 is selected in accordance with Section 301.1.1, ASHRAE 189.1 shall not apply to buildings identified in Exceptions 1 through 3.
5. Where a minimum of USGBC-LEED Certification at the Silver level is selected as an alternative compliance path.

101.3.1 Residential construction. In lieu of the requirements of this code the following shall be deemed-to-comply with this code:

1. Group R-2 and R-4 residential buildings five stories or more in height above grade plane, their accessory structures, and the site or lot upon which these buildings are located achieve a minimum Silver performance level in Chapters 5 through 10 of the ICC 700-2015 (National Green Building Standard) or equivalent system.
2. Group R-2 and R-4 portions of mixed use buildings must achieve a minimum Silver performance level in Chapters 5 through 10 of the ICC 700-2015 (National Green Building Standard) or equivalent system. The remainder of the building and the site upon which the building is located shall comply with the provisions of this code.

Section 101.4 of the IgCC is amended to read as follows:

101.4 Appendices. All the provisions in the Appendices, as amended, are adopted as part of the International Green Construction Code.

Section 102.4 of the IgCC is amended to read as follows:

102.4 Referenced codes and standards. The following codes shall be considered part of the requirements of this code: the International Building Code, the International Energy Conservation Code® (IECC®), the International Existing Building Code® (IEBC®), Rockville Fire Code, the International Fuel Gas Code® (IFGC®), the International Mechanical Code® (IMC®), the International Plumbing Code® (IPC®), and the International Residential Code® (IRC®).

Section 102.6 of the IgCC is amended to read as follows:

102.6 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 Building Code, the International Existing Building Code, or the Rockville Fire Code, or as is deemed necessary by the code official for the general safety and welfare of building occupants and the public.

Section 106.1 of the IgCC is amended to read as follows:

106.1 Required. Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any energy, electrical, gas, mechanical or plumbing system, the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the *code official* and obtain the required permit under the applicable code or regulation relevant to the intended work. A Green Building application will be filed with the Inspection Services Division; however, a separate permit shall not be issued under this code. Exemptions from permit requirements 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 applicable laws, codes or ordinances of this jurisdiction.

Section 107(Fees) of the IgCC is deleted

Section 108 of the IgCC is amended to read as follows:

~~**Section 108 Board of Adjustments and Appeals.**~~ Appeals of administrative interpretations or decisions made by the Code Official shall be administered in accordance with Chapter 5, Article I, Section 5-12 of the Rockville City Code.

Section 301.1.1 of the IgCC is amended to read as follows:

301.1.1 Application. The requirements contained in this code are applicable to buildings, or portions of buildings. As indicated in Section 101.3, these buildings shall meet either the requirements of ASHRAE 189.1 or the requirements contained in this code or demonstrate

compliance using an equivalent option that must be first approved by the *code official* and where the applicant demonstrates equivalency and compliance.

Section 302.1 of the IgCC is amended to read as follows:

302.1 Requirements and electives determined by the jurisdiction. The jurisdiction shall indicate the following information in Table 302.1 for inclusion in its code adopting ordinance:

1. The jurisdiction shall indicate whether requirements for residential buildings, as indicated in Exception 1 to Section 101.3, are applicable by selecting “Yes” or “No” in Table 302.1. Where “Yes” is selected, the provisions of ICC 700 shall apply and the remainder of this code shall not apply.
2. Requirements: Where "Yes" or "No" boxes are provided, the box checked “Yes” indicates where that section or subsection, as amended, is to be enforced as a mandatory requirement in the jurisdiction, or "No" indicates where that section or subsection is not to be enforced as a mandatory requirement in the jurisdiction.
3. Electives: Where "Yes" boxes are provided, the box checked "Yes" indicates where that section or subsection, as amended, is not required and is relocated to Appendix A- Project Electives, Section A110 Additional Project Electives and is eligible for selection as a project elective in the jurisdiction.

Table 302.1 of the IgCC is amended to read as follows:

TABLE 302.1 REQUIREMENTS AND ELECTIVES DETERMINED BY THE JURISDICTION

Section	Section Title or Description and Directives	Jurisdictional Requirements		Jurisdictional Electives (Appendix A)
CHAPTER 1. SCOPE				
101.3 Exception 1.1	Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories in height above grade plane with a separate means of egress, their accessory structures, and the site or lot upon which these buildings are located, shall comply with ICC 700.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

Section	Section Title or Description and Directives	Jurisdictional Requirements		Jurisdictional Electives (Appendix A)
101.3 Exception 1.2	Group R-3 residential buildings, their accessory structures, and the site or lot upon which these buildings are located, shall comply with ICC 700.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
101.3 Exception 1.3	Group R-2 and R-4 residential buildings four stories or less in height above grade plane their accessory structures, and the site or lot upon which these buildings are located, shall comply with ICC 700.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
CHAPTER 4. SITE DEVELOPMENT AND LAND USE				
401.2	Predesign site inventory and assessment	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
402	Preservation of Natural Resources	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
403	Stormwater Management	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
404	Landscape Irrigation and Outdoor Fountains	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
405.1-405.2	Management of Vegetation, Soils and Erosion Control	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
405.3	Native plant landscaping	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
406	Building Site Waste Management	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

Section	Section Title or Description and Directives	Jurisdictional Requirements		Jurisdictional Electives (Appendix A)
407.1-407.3	Transportation Impact	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
407.4	Preferred vehicle parking	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
408	Heat Island Mitigation	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
409	Site Lighting	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
CHAPTER 5. MATERIAL RESOURCE CONSERVATION AND EFFICIENCY				
502	Construction Material Management	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
503	Construction Waste Management	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
503.1	Minimum percentage of waste material diverted from landfills	<input checked="" type="checkbox"/> Yes (50%)		
504	Waste Management and Recycling	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
505	Material Selection	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes

Section	Section Title or Description and Directives	Jurisdictional Requirements		Jurisdictional Electives (Appendix A)
506	Lamps	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
CHAPTER 6. ENERGY CONSERVATION, EFFICIENCY AND CO_{2e} EMISSION REDUCTION				
302.1, 302.1.1, 602.1	Zero Energy Performance Index (zEPI) of Jurisdictional Choice – The jurisdiction shall indicate a zEPI of 50 or less in each occupancy for which it intends to require enhanced energy performance.	<input checked="" type="checkbox"/> Yes Occupancy: ALL zEPI: 50	<input type="checkbox"/> No	
603	Energy Metering, Monitoring and Reporting	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
604	Automated Demand-Response (Auto-DR) Infrastructure	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
605	Building Envelope Systems	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
606	Building Mechanical Systems (as amended)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
606.5.1	Economizer Systems	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
607	Building Service Water Heating Systems (as amended)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
608	Building Electrical Power and Lighting Systems	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes

Section	Section Title or Description and Directives	Jurisdictional Requirements		Jurisdictional Electives (Appendix A)
609	Specific Appliances and Equipment	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
610	Onsite Renewable Energy Systems	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
611	Energy Systems Commissioning and Completion	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
612	Outcome-Based Pathway Requirements	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
CHAPTER 7. WATER RESOURCE CONSERVATION, QUALITY AND EFFICIENCY				
701.2	Water usage metering required	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
702.1-702.4	Fitting and fixture consumption through Drinking fountain controls	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
702.5	Appliances	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
702.6-702.19	Municipal Reclaimed Water through Film Processors	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
703	HVAC Systems and Equipment (as amended)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
704	Water Treatment Devices and Equipment	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes

Section	Section Title or Description and Directives	Jurisdictional Requirements		Jurisdictional Electives (Appendix A)
CHAPTER 8. INDOOR ENVIRONMENTAL QUALITY AND COMFORT				
802	Building Construction Features, Operations and Maintenance Facilitation	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
803	HVAC Systems	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
804	Specific Indoor Air Quality and Pollutant Control Measures	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
804.2	Post-Construction Pre-Occupancy Baseline IAQ Testing	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
805	Prohibited Materials	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
806	Material Emissions and Pollutant Control	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
807	Acoustics	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
808	Daylighting	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
CHAPTER 9. COMMISSIONING, OPERATION AND MAINTENANCE				
902	Special Inspection and Commissioning	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

Section	Section Title or Description and Directives	Jurisdictional Requirements		Jurisdictional Electives (Appendix A)
903	Building Operations and Maintenance Documentation	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
CHAPTER 10. EXISTING BUILDINGS				
Chapter 10	Existing Buildings	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
CHAPTER 11. EXISTING BUILDING SITE DEVELOPMENT				
Chapter 11	Existing Building Site Development	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
APPENDIX A: PROJECT ELECTIVES				
A103	Minimum 10 project electives shall be selected from sections A104 through A110, as amended.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

Section 302.1.1 of the IgCC is amended to read as follows:

302.1.1 zEPI of 50 or less. Where a zEPI of 50 or less is indicated by the jurisdiction in Table 302.1, buildings shall comply on a performance-basis in accordance with Section 601.3.1.

Exception: Buildings less than 25,000 square feet (2323 m²) in total building floor area pursuing compliance on a prescriptive basis shall be deemed to have a zEPI of 50 and shall not be required to comply with the zEPI of Jurisdictional Choice indicated by the jurisdiction in Table 302.1.

Sections 401.2 (Predesign site inventory and Assessment) of the IgCC is deleted in its entirety.

Section 402 (Preservation of Natural Resources) of the IgCC is deleted in its entirety.

Section 403 (Stormwater Management) of the IgCC is deleted in its entirety.

Section 404 (Landscape Irrigation and Outdoor Fountains) is removed and added to Appendix A Section A110-404 of this Code.

Section 405.1 (Soil and water quality protection) and *Section 405.2* (Vegetation and soil protection) of the IgCC are deleted in its entirety.

Section 405.3 (Native Plant Landscaping) is removed and added to Appendix A Section A110-405.3 of this Code.

Section 407.1 (Walkways and bicycle paths) through *Section 407.3.2* (Long-term bicycle parking) of the IgCC are deleted in their entirety.

Section 407.4 (Preferred vehicle parking) is removed and added to Appendix A Section A110- 407.4 of this Code.

Section 408.2 (Site hardscape) is amended to read as follows

Section 408.2 Site hardscape. In climate zones 1 through 6, as established in the *International Energy Conservation Code*, not less than 40 percent of the site hardscape shall be provided with one or any combination of options described in Sections 408.2.1 through 408.2.4. For the purposes of this section, site hardscape shall not include areas of the site covered by solar photovoltaic arrays or solar thermal collectors.

Section 409 (Site Lighting) is removed and added to Appendix A Section A110-409 of this Code.

Section 503.2 is added to the IgCC to read as follows:

Section 503.2 Deconstruction and demolition material and waste management plan. Where buildings, structures or portions thereof are deconstructed or demolished, a minimum of 50 percent of materials shall be diverted from landfills. A construction material and waste management plan shall be developed that is in accordance with Section 503.1, that includes procedures for deconstruction, procedures for the proper removal, management and disposal of hazardous materials (including, but not limited to materials and devices containing mercury, poly-chlorinated biphenyl, lead, asbestos, CFCs, and HCFCs), and documentation on the total materials in buildings, structures and portions thereof to be deconstructed or demolished and the materials to be diverted.

Sections 505 (Material Selection) and *506* (Lamps) are removed and added to Appendix A Section A110-505 and Section A110-506 of this Code.

Section 604 (Automated Demand-Response Infrastructure) is removed and added to Appendix A Section A110 of this Code.

Section 606.5.1 (Economizer systems) is removed and added to Appendix A Section A110-606.5.1 of this Code.

Section 608 (Building Electrical Power and Lighting Systems) of the IgCC is deleted in its entirety.

Section 609 (Specific Appliances and Equipment) is removed and added to Appendix A Section A110-609 of this Code.

Section 610 (Onsite Renewable Energy Systems) is removed and added to Appendix A Section A110-610 of this Code.

Section 612 (Outcome-Based Pathway Requirements) of the IgCC is deleted in its entirety.

Section 701.2 (Water usage metering required) is removed and added to Appendix A Section A110-701.2 of this Code.

Section 702.5 (Appliances) is removed and added to Appendix A Section A110-702.5 of this Code.

Sections 702.6 (Municipal reclaimed water) through *702.19* (Film processors) of the IgCC are deleted in their entirety.

Sections 703.1 (Hydronic closed system), *703.2* (Humidification systems), *703.3* (Condensate coolers and tempering), *703.4* (Condensate drainage recovery), *703.6* (Humidifier discharge), *703.7* (Cooling towers, evaporative condensers and fluid coolers), *703.8* (Wet-hood exhaust scrubber systems), of the IgCC are deleted in their entirety.

Section 704 (Water Treatment Devices and Equipment) is removed and added to Appendix A Section A110-704 of this Code.

Section 803.3.1(1) of the IgCC is amended to read as follows:

803.3.1(1) The enclosing walls shall extend from the floor surface to the underside of the floor, roof deck or solid ceiling above and shall be constructed to resist the passage of airborne chemical pollutants and shall be constructed and sealed as required for a smoke partition in a fully sprinklered building or 1-hour fire-resistance-rated construction assemblies. Alternatively, for janitorial rooms and closets, all chemicals shall be stored in approved chemical safety storage cabinets.

Section 804.1 (Fireplaces and appliances) of the IgCC is deleted in its entirety.

Section 804.2 (Post-construction, pre-occupancy baseline IAQ testing) is removed and added to Appendix A Section A110-804.2 of this Code.

Sections 806 (Material Emissions and Pollutant Control), *807* (Acoustics), and *808* (Daylighting) are removed and added to Appendix A Section A110-806, Section A110-807, Section A110-808 of this Code, accordingly.

Section 902.1.1.1 of the IgCC is amended to read as follows:

902.1.1.1 Qualifications of approved agencies. An approved agency shall be qualified and shall demonstrate competence, to the satisfaction of the code official, for the commissioning of the particular type of construction or operation. The registered design professional in responsible charge and engineers of record involved in the design of the project are permitted to act as the approved agency provided those personnel meet the qualification requirements of this section to the satisfaction of the code official. The approved agency shall provide written documentation to the code official demonstrating competence and relevant experience or training. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of commissioning activities for projects of similar complexity and material qualities.

Chapter 10 (Existing Buildings) of the IgCC is deleted in its entirety.

Chapter 11 (Existing Building Site Development) of the IgCC is deleted in its entirety.

Section A103.2 of the IgCC is amended to read as follows:

A103.2 Required number of and selection of project electives. A total of not less than 10 project electives shall be selected by the owner or the owner's authorized agent from Table A103.2. Selected project electives shall be applied as mandatory requirements for the project. Selected project electives shall be communicated to the code official by means of checking the appropriate boxes in the tables and providing a copy of the tables, or by inclusion of a list of selected project electives, with the construction documents.

Table A103.2 Project Electives of the IgCC is amended to read as follows:

Section	Description	Owner Selection	
A104.2	Wildlife corridor	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.3	Infill site	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.4	Brownfield site	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.5	Site restoration	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.6	Mixed-use development	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.9.1	Site hardscape project elective 1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.9.2	Site hardscape project elective 2	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.9.3	Site hardscape project elective 3	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A104.9.4	Roof covering project elective	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.1	Waste management	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.2	Construction waste landfill maximum	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Section	Description	Owner Selection	
A105.3(1)	Reused, recycled content, recyclable, bio-based and indigenous materials (70%)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.3(2)	Reused, recycled content, recyclable, bio-based and indigenous materials (85%)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.4	Service life plan	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.5	Design for construction and building reuse	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.6	Existing building reuse	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.7	Historic building reuse	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.8	Integrated design	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A105.9	Deconstruction	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.1	zEPI is at least 5 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 10 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 15 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 20 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 25 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 30 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 35 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 40 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 45 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	zEPI is at least 50 points lower than required by Table 302.1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.2	Mechanical system project elective	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.3	Service water heating	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.4	Lighting Systems	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.5	Passive design	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.6	Renewable energy systems- 5 percent	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.6	Renewable energy systems- 10 percent	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A106.6	Renewable energy systems- 20 percent	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A107.2	Onsite wastewater treatment	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A107.3	Alternative onsite potable water for outdoor host connections	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A107.4	Alternative onsite potable water for plumbing fixture flushing	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A107.5	Automatic fire sprinkler system	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Section	Description	Owner Selection	
A107.6	Alternative onsite nonpotable water to fire pumps	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A107.7	Alternative onsite nonpotable water for industrial process makeup water	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A107.8	Alternative onsite nonpotable water for cooling tower makeup water	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A107.9	Gray water collection	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A108.2	VOC emissions – flooring	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A108.3	VOC emissions – ceiling systems	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A108.4	VOC emissions – wall systems	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A108.5	Architectural paints and coatings	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A108.6	Total VOC limit	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A108.7	Views to building exterior	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-404	Landscape Irrigation and Outdoor Fountains	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-405.3	Native Plant Landscaping	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-407.4	Preferred Vehicle Parking	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-409	Site Lighting	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-505	Material Selection	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-506	Lamps	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-604	Automated Demand-Response (Auto-DR) Infrastructure	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-606.5.1	Economizer Systems	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-608.2 – 608.9	Building Electrical Power and Lighting Systems	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-609.2.3	Specific Appliances and Equipment	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-610	Onsite Renewable Energy Systems	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-701.2	Water Usage Metering	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-702.5	Appliances	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-704	Water Treatment Devices and Equipment	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-804.2	Post-Construction Pre-Occupancy Baseline IAQ Testing	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-806	Material Emissions and Pollutant Control	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A110-807	Acoustics	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Section	Description	Owner Selection	
A110-808	Daylighting	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Sections A104.1 (Flood hazard area project elective), A104.7 (Changing and shower facilities project elective) and 104.8 (Long-term bicycle parking and storage project elective) of the IgCC are deleted in their entirety.

Section A110 of the IgCC is added to read as follows:

Section A110 Additional Project Electives

A110.1 Additional Project Electives. The following Sections and Subsections are removed from Chapter 3 through Chapter 8 of this code and relocated to Appendix A to be optional requirements: 404, 405.3, 407.4, 409, 505, 506, 604, 606.5.1, 608.2-608.9, 609.2.3, 610, 701.2, 702.5, 704, 804.2, 806, 807 and 808. Section and subsection numbers, titles and provisions shall remain consistent, unless otherwise amended. Each section or subsection is considered as separate project electives. The electives shall be cumulative and compliance with each project elective shall be recognized individually.

DIVISION 5. ONE AND TWO FAMILY DWELLING REQUIREMENTS

Sec. 5-331. Applicability.

The requirements of this Division shall be applicable to one and two family dwellings as indicated in Section 5-303 of this Article.

Sec. 5-332. Green Building Checklist Required.

All one- and two-family dwelling as indicated in Section 5-303 of this Article must submit either a completed NGBS checklist, or equivalent green homes checklist with every submittal to the City.

Sec. 5-333. Rockville Green Homes Required.

Homes must achieve a minimum Silver performance level in Chapters 5 through 10 of the ICC 700-2015 (National Green Building Standard) or equivalent system that must be first approved by the code official and where the applicant demonstrates equivalency and compliance.

Secs. 5-334 - 5-340. Reserved.

SECTION 15. That the effective date of this ordinance is January 1, 2020. All permit applications submitted on or after that date shall comply with this ordinance.

I hereby certify that the foregoing is a true and correct copy of an ordinance adopted by the Mayor and Council at its meeting of September 9, 2019.

Sara Taylor Ferrell, City Clerk/Director of Council Operations