

**2011 IGCC Final Action Hearings  
November 2 - 6, 2011**

City of Scottsdale

**Code Change/Comment and Action**

Working Draft - 10/17/11 - Prepared by Anthony Floyd

**AS** – As Submitted // **D** – Disapproved // **AM** – Approved as Modified // **AMPC** – Approved as Modified per Public Comment

<b>Scottsdale's Position on Code Change Comments</b>				
<b>Code Change</b>	<b>IGCC Sections</b>	<b>Code Change Description</b>	<b>Committee Action</b>	<b>Scottsdale's Position</b>
<b>Chapter 1 - Administration</b>				
GG3-11	101 General and 102 Applicability	Clarifies scope, intent and applicability of IgCC as an overlay code	AS	AS
GG4-11	101.2 Scope	Adds IBC provisions that are not necessary	D	D
<b>GG2-11</b>	<b>101.2 Scope, 102.4 Referenced Codes, and new residential chapter</b>	<b>Provides a new chapter for one- and two-family dwellings as a jurisdictional selected requirement</b>	<b>D</b>	<b>AMPC2</b>
<b>GG7-11</b>	<b>101.2 Scope</b>	<b>Exemption for R-2, R-3, R-4 occupancies three stories or less in height</b>	<b>AS</b>	<b>D</b>
GG10-11	101.2 Scope	Exemption for R-2 occupancies	D	D
GG762-11	101.2 Scope	Exemption for modular buildings	D	AMPC
GG13-11	101 General, 102 Applicability and 202 Definitions	Introduces definition for green building and provides exemption for complying with IECC, ASHRAE 90.1 or other minimum codes or standards	D	D
<b>GG6-11</b>	<b>101.2 Scope</b>	<b>Exemption for buildings less than 5,000 sq. ft.</b>	<b>D</b>	<b>AMPC2</b>
<b>GG14-11</b>	<b>101.2 Scope, 302.1 Jurisdiction Requirements, Table 302.1</b>	<b>Inclusion of ASHRAE 189.1 Standard for High-Performance Green Buildings as an alternative compliance path similar to the way ASHRAE 90.1 serves as an alternative energy code compliance path for the IECC</b>	<b>D</b>	<b>AMPC1</b>
<b>GG17-11</b>	<b>101.2 Scope</b>	<b>Exemption for ASHRAE 189.1</b>	<b>AS</b>	<b>AMPC1</b>
GG23-11	102.4.8 Energy	Inclusion of building sites under the scope of energy	D	AMPC

GG28-11	105.2.1 Used materials, products and equipment	Requirement for rebuilt or refurbished appliances and equipment to be listed and labeled.	D	D
GG29-11	105.2.1 Used materials, products and equipment	Deletion of provisions for used materials, products and equipment	D	D
<b>GG34-11, Part I</b>	101 General, 102 Applicability, 104 Documents, and 105 Approval	Revisions aimed to improve and simplify administrative code provisions	D	D
<b>Chapter 3 – Jurisdictional Requirements and Project Electives</b>				
<b>GG135-11</b>	301.1.1 Application, 302.1 Jurisdiction Requirements, Table 302.1	Inclusion of ASHRAE 189.1 Standard for High-Performance Green Buildings as an alternative compliance path	D	AS
<b>GG136-11</b>	301.1.1 Application, 302.1 Jurisdiction Requirements, Table 302.1	Inclusion of ASHRAE 189.1 as an alternative compliance path	D	AMPC
GG137-11	301.1.1 Application, 302.1 Jurisdiction Requirements, Table 302.1	Inclusion of ASHRAE 189.1 and ICC 700 as an alternative compliance path	D	D
<b>GG138-11</b>	301.1.1 Application, 302.1 Jurisdiction Requirements, Table 302.1	Inclusion of ASHRAE 189.1 as an alternative compliance path	D	AMPC2
GG140-11	302.1 Jurisdiction Requirements	Prohibits ASHRAE 189.1 from being selected for low-rise multi-family residential buildings	D	D
GG142-11	302.1 Jurisdiction Requirements, Table 302.1	Deletion of ASHRAE 189.1 as an alternative compliance path	D	D
<b>GG146-11</b>	104.1, 202, 301.2, 302.1, Table 302.1, 303, 304.1, 407, 508, 613, 710, 809, 1006	Deletion of Project Electives. <u>Public Comment</u> moves to an Appendix chapter.	D	AMPC
GG156-11	304.1 Whole building life cycle assessment project elective	Inclusion of relocatable buildings	AS	AMPC
GG150-11	304 Whole Building Life Cycle Assessment	Moved from project elective to one of the required options under Section 503 (Material Selection) for 5% improvement in environmental performance and 8% improvement as a	AS	AMPC3

		new project elective		
GG149-11	202, 301.1, Table 303.1, 304 and 904.4	Deletion of provisions for Whole Building Life-Cycle Assessment	D	D
<b>GG139-11</b>	301.2, 302.1, Table 302.1, Table 303.1, 402, 405, 406, 407, 508, 613, 702, 710, 708, 1006, 1008	Simplifies the code by consolidating provisions; provides flexibility for jurisdictions to choose whether provisions should be mandatory, elective, or not pertinent; and allows jurisdictions to scale their adoption of the IGCC according to local conditions	D	AS
GG34-11, Part II	Chapter 3 Jurisdictional Requirements and Project Electives	Deletion of Jurisdictional Requirements and Project Electives	D	D
<b>Chapter 4 – Site Development and Land Use</b>				
GG170-11	402.2.1 Floodplains, 402.2.1.1 (New), 402.2.1.2 (New), 402.2.1.3 (New)	Redefines “floodplain” as “flood hazard area” and makes it a jurisdictional requirement option	AM	AM
GG342-11	407.2.1 Flood hazard avoidance project elective, 407.2.1.1(New), 407.2.1.2(New), 407.2.1.3(New)	Modifies project elective for flood hazard area avoidance	AS	AS
GG179-11	402.2 Protection by area, 402.2.3 Conservation area	Deletion of buffer zones as a jurisdictional requirement option for designated conservation areas	D	AS
GG181-11	402.2 Protection by area, 402.2.5 Agricultural land,	Agricultural land changed to “Farmland” and made into mandatory provisions	D	AMPC
GG183-11	402.2 Protection by area, 402.2.5 Agricultural land	Delete Agricultural land provisions	D	D
GG195-11	402.2.6 Greenfield sites	Exception added to this jurisdictional option for development on greenfield sites where previously zoned for development	D	D
GG191-11	402.2.6 Greenfield sites	“Neighborhood assets” added to exception criteria	D	D
GG192-11	402.2.6 Greenfield sites	Requirement for compliance with ASTM standard for proximity to public transit added to exception criteria	D	D
GG188-11	402.2.6 Greenfield sites	Broader exception criteria for access to public transit	D	AMPC
GG194-11	402.2.6 Greenfield sites	New exception for greenfield sites located within 1/2 mile of	D	D

		a major highway interchange where the building's primary occupancies are basic services including hotels, motels, restaurant and motor vehicle fueling facilities.		
GG197-11	402.2.6 Greenfield sites, 407.2.7, 407.2.8, 407.2.9	Delete Greenfield site section	D	AS
GG198-11	402.2.6.1 Site disturbance limits on greenfield sites	Attempt to clarify language for site disturbance limits on greenfield sites	D	D
GG199-11	402.2.6.1 Site disturbance limits on greenfield sites	Revises criteria for site disturbance limits on greenfield sites	D	D
GG200-11	402.2.6.1 Site disturbance limits on greenfield sites	Delete site disturbance limits on greenfield sites	D	AMPC 1
GG109-11	202 Definitions	Definition for site disturbance	AS	D - PC
GG201-11	402.3.1 Predesign site inventory and assessment	Deletion of invasive vegetation and native plants from predesign site inventory	D	AMPC
GG82-11	202 Definitions	Revised definitions for invasive and native plants	D	AMPC 2
GG90-11	202 Definitions	Revised definition for native plant species	AS	AMPC
GG206-11	402.3.2 Stormwater management	New exception for stormwater management where previously provided for in a larger plan of development	D	AMPC
GG207-11	402.3.2 Stormwater management	New option for stormwater management	D	AMPC
GG208-11	402.3.2 Stormwater management	Additional stormwater management criteria	AM	AMPC1
GG209-11	402.3.2 Stormwater management	Stormwater management is moved from a jurisdictional option to a mandatory requirement	AS	AMPC1
GG211-11	402.3.3.1 Water for Outdoor Landscape Irrigation	Outdoor landscape irrigation systems shall reduce potable water use by 50 percent from a calculated mid-summer baseline or the system shall be supplied with non-potable water	AS	AMPC1
GG226-11	402.3.3.2 Irrigation System Design and Installation	New requirements for smart controllers, irrigation zones and distribution uniformity	AM	AMPC2
GG230-11	402.3.3.2 Irrigation System Design and Installation	Exceptions for irrigation system provisions	D	D
GG233-11	402.3.4 Outdoor ornamental fountains and water features	Outdoor ornamental fountains and water features shall be equipped to recirculate and reuse the supplied water	AS	AMPC1

GG235-11	402.3.5.5 Imported soils	Delete imported soils limitations	D	AMPC
GG243-11	402.3.5.7 Turfgrass	Delete 40% turfgrass limitation	D	AMPC3
GG238-11	402.3.5.7 Turfgrass	Broader exceptions to turfgrass limitations	D	AMPC1
GG128-11	202 New Definitions	New definition for “water budget’, ‘landscape water allowance” and ‘landscape water requirement”	D	AMPC
GG244-11	202, 402.3.5 through 402.3.5.8	Delete section on “Management of vegetation, soils and erosion control”	D	D
GG266-11	403.4.2, Low emission, hybrid, and electric vehicle parking, New Table 403.4	Add fuel efficiency table for “low emission, hybrid, and electric vehicles” parking	D	AMPC1
GG267-11	403.4.2 Low emission, hybrid, and electric vehicle parking	Exception for providing one electric charging station	D	AMPC
GG352-11	407.3.4 Vehicle recharging project elective	New project elective for Vehicle recharging stations	D	AMPC3
GG268-11	403.4.2 Low emission, hybrid, and electric vehicle parking	Deletion of “low emission” and new requirement for an electric vehicle charger at designated parking spaces	D	AMPC1
GG44-11	202 New Definition	New definition for floor area	D	D
GG279-11	404.2.1 Site hardscape materials	Deletion of heat island mitigation provisions for site hardscape materials	D	D
GG295-11	404.3 Roof coverings and 404.3.2 Vegetative roofs	Clarification of vegetative roofs as an option	D	AMPC
GG296-11	404.3 Roof coverings	Exemption for stone ballasted roofs for heat island mitigation provisions	D	D
GG298-11	404.3.1 Roof solar reflectance and thermal emittance	Adds additional language that the roof product needs to be listed.	D	D
GG299-11	404.3.1.1 Roof products testing and 404.3.1.2 Solar reflectance index	New testing requirement in accordance with CRRC-1 Cool Roof Rating Council standard and min. three-year aged thermal emittance requirement	D	AMPC
GG35-11	202 Definitions	Revised definitions for solar reflectance and solar reflectance index; and new definitions for thermal emittance	D	AMPC
GG306-11	404.3, 404.3.1, Table 404.3.1, 404.3.1.1,	Moves heat island mitigation provisions for roofing to the energy chapter	D	D

	404.3.1.2, 606.1.3(New), 606.1.3.1(New)			
GG307-11	405.1 Light pollution control	Sign exceptions for light pollution control	D	AMPC2
GG310-11	405.1 Light pollution control	Revisions to be consistent with the Model Lighting Ordinance proposed definitions of IECC.	AS	AS
GG329-11	202, 406.5.2.1 Organic matter, 406.5.2.2 Soil restoration, 406.6 Landscape protection plan	New definition for “soil reference condition” and inclusion of the term in provisions for soil restoration and landscape protection.	D	AS
GG332-11	406.6 Landscape, soil and water quality protection plan	Provides exceptions to the written maintenance plan for landscape, soil and water quality protection	D	AMPC
GG340-11	406.7 Vegetative roofs	Restriction of potable water for vegetative roofs	D	AS
GG120-11	202 Definitions	Revises “vegetative roof” definition	D	AS
GG122-11	202 Definitions	Revises “vegetative roof” definition	D	D
GG343-11	407.2.5 Brownfield site project elective	Clarifying criteria for brownfield remediation	AS	AMPC
GG346-11	407.2.10 Native plant landscaping project elective	Moves native plants from a project elective to mandatory for at least 75% of landscaped area	D	AMPC2
GG350-11	407.2.7 Historic building reuse project elective	New project elective for historic building reuse	D	AMPC2
GG351-11	407.2.12 Mixed-use development project elective	New project elective for mixed-use development	AS	AS
<b>GG34-11 Part III</b>	<b>Chapter 4 modifications and deletions</b>	<ul style="list-style-type: none"> <li>• Deletes protection requirements for flood plains, conservation areas, park land, agricultural land and greenfield sites (402.2)</li> <li>• Deletes site inventory native plant language and substitutes “preferred plants” (402.3.1)</li> <li>• Modifies stormwater management provisions (402.3.2)</li> <li>• Reduces infiltration rate for pervious and permeable pavement (404.2.4) and relocates from heat island mitigation provisions to stormwater management</li> <li>• Modifies landscape irrigation provisions contrary to</li> </ul>	<b>D</b>	<b>D</b>

		<ul style="list-style-type: none"> <li>previous action (402.3.3)</li> <li>Deletes changing/shower facilities provisions regardless of building size (403.2)</li> <li>Deletes distinction between long term and short term bicycle parking provisions (403.3)</li> <li>Exempts bicycle parking for all R occupancies (R-1 employees) (403.3)</li> <li>Deletion of preferred parking for “high occupancy vehicles” and “low emission, hybrid, electric vehicle parking” as a Jurisdictional Option (403.4)</li> <li>Modifies heat island mitigation provisions contrary to previous actions (404) including deletion of roof covering mitigation provisions</li> <li>Deletes site lighting section (405)</li> <li>Redefines “vegetative roofs” as “roof gardens and landscape roofs” while modifying provisions contrary to previous actions</li> <li>Deletes project electives (407)</li> </ul>		
<b>Chapter 5 - Material Resource Conservation and Efficiency</b>				
GG354-11	502.1 Construction material and waste management plan, and 506 Moisture control and material storage	New section on “building construction material waste reduction”	D	D
GG357-11	502.1 Construction material and waste management plan	Clarifies requirements for the construction material and waste management plan	D	AMPC2
GG360-11	502.1 Construction material and waste management plan	New exception for 50 percent of construction waste from being diverted from landfills	D	AMPC1
GG365-11	502.1 Construction material and waste management plan	Reorganizes the section with some additional criteria	D	D
GG372-11	502.1 Construction	Provides additional meaningful criteria	D	AMPC1

	material and waste management plan			
GG374-11	502.2 (New) Construction material and waste management report	New jurisdictional option for waste management report	D	AMPC1
GG375-11	502.2 Recycling areas for waste generated post certificate of occupancy	Clarifies language for providing recycling areas for efficient use and pickup	D	AMPC
GG376-11	502.2 Recycling areas for waste generated post certificate of occupancy	Attempt to clarify language for occupant recycling areas	D	D
GG381-11	503.1 Material selection and properties	New exception for products, materials or assemblies that have life cycle assessment performed	D	D
GG387-11	503.1 Material selection and properties	New exception for whole building, products or component that have life cycle assessment performed	D	D
GG388-11	503.2.6 (New) Prefinished and low maintenance finish materials	New option for material selection involving Building systems and Prefinished and low maintenance finish materials	D	AMPC
GG390-11	503.2.5 (New) Wood products	Makes a distinction between bio-based materials and wood products	D	D
GG391-11	503.2 Material selection	Adds “volume” as an additional option for determining compliance with Material section	D	D
GG393-11	503.2 Material selection	New referenced standards for cement	D	D
GG396-11	503.2 Material selection	Deletes redundant language	D	AS
GG408-11	503.2.2 Recycled content building materials	Revised provisions for recycled content materials	D	D
GG409-11	503.2.2 Recycled content building materials, 503.2.4 Bio-based materials, and 503.2.5 Indigenous materials	New references to ASTM standards	D	D
GG411-11	503.2.2 Recycled content building materials	Revises provisions for Recycled content materials	D	AMPC
GG412-11	503.2.2 Recycled Content Building Materials	Deletes the requirement that pre-consumer recycled content be counted as one-half of its actual content in the material	AS	D

GG416-11	503.2.3 Recyclable Building Materials	Inclusion of closed loop manufacturer's take-back program	AS	AMPC
GG418-11	503.2.3. Recyclable building materials	Attempts to clarify language for recyclable building materials	D	D
GG421-11	503.2.4 Bio-based materials	Adds reference to ASTM standard	AS	AS
GG422-11	503.2.4 Bio-based materials and 504 (New) Certification of Sustainable Characteristics	Adds new acceptance criteria for used, indigenous or bio-based materials	D	D
GG424-11	503.2.4 Bio-based materials	Increases percentage of bio-based content from 50% to 75%	AS	AS
GG430-11	503.2.5 Indigenous materials	Distinction made between indigenous and regionally manufactures materials	D	AMPC
GG389-11	503.2.6 (new) Product life cycle analysis	Adds a new material selection option involving product life cycle analysis	D	AMPC2
GG400-11	503.3 (new) Building Material Life Cycle Assessment	Adds a new material selection option involving product life cycle analysis	AM	D
GG436-11	504.1 Low mercury lamps	New exception for neon or cold cathode lamps	D	AS
GG448-11	505.1.1 Core, shell and site hardscape components and Table 505.1.1	Deletes "reference service life" and adds "skylights, glazing and fenestration products" to the "Building design life" Table 505.1.1	D	AS
GG449-11	505.1.1 Core, shell and site hardscape components and Table 505.1.1 Building design life categories	Delete "core, shell and site hardscape component" provisions for building service life	D	D
GG454-11	Table 505.1.1 Building design life categories	Delete "electrical" from the "building design life categories" table	D	D
GG456-11	Table 505.1.1 Building design life categories	Adds "exterior wall coverings" to the "building design life categories" table	D	AMPC
GG441-11	505 Building Service Life	Revise and relocate to a project elective. AMPC5 revises and restores back as mandatory	AS	AMPC5
GG438-11	505 Building Service Life	Deletes entire section from code	D	D
GG440-11	505 Building Service Life	Deletes entire section from code	AS - Assembly Action	D

GG459-11	506 (New) Design for deconstruction	New code section for building deconstruction	D	D
GG104-11	202 Definitions	New definitions for deconstruction, demolition, repurpose and reuse	AM	AMPC4
GG461-11	506 (New) Design for deconstruction	New code section for building deconstruction as a jurisdictional option	D	
GG466-11	506.2 (New) Waterproofing	New code section for waterproofing	D	D
GG469-11	202 Definition, 506.3 Moisture control preventative measures	New definition for “exterior wall envelope”; revisions to moisture control preventative measures; and measures are changed to a jurisdictional option	D	D
GG471-11	506.3 Moisture control preventative measures	Revisions to moisture control preventative measures	AS	AS
GG476-11	507 Strawbale construction	New provisions and exceptions for strawbale sizes and ties	D	AS
GG477-11	507 Strawbale construction	Clarifies strawbale provisions	AS	AS
GG478-11	507 Strawbale construction	Clarifies strawbale provisions	AS	AS
GG479-11	507.4 Strawbale structure	Clarifies strawbale structural provisions	AS	AS
GG480-11	202 Definition, Strawbale seismic Table 507.4(1)	Revises definition for “structural” and limits strawbale construction wall height	AS	D
GG481-11	507.4 Strawbale structure	Clarifies strawbale structural provisions	AS	AS
GG482-11	202 Definition, 507.4 Strawbale structure	Revises definition for “structural” and limits strawbale construction wall height	D	D
GG483-11	507.4 Strawbale structure	Clarifies strawbale structural provisions	AS	AS
GG484-11	507.4 Strawbale structure	Clarifies strawbale structural provisions	AS	D
GG485-11	507.4 Strawbale structure	Clarifies strawbale structural provisions	D	AMPC
GG487-11	507.6 Strawbale Fire Resistance	Clarifies strawbale fire resistance provisions	D	AMPC
GG488-11	507.10 Electrical	References NFPA 70 and deletes other provisions	AS	AS
GG475-11	507 Strawbale Construction	Moves Strawbale section to Appendix chapter	AS	AMPC1
GG474-11	507 Strawbale Construction	Deleted entire Strawbale section from code	AS	AS
GG500-11	Table 508.4.1 Building Design Life	Deletes “electrical” from the Building Design Life table as a project elective	D	D
GG504-11	503.2.6 (new) Materials suitable for beneficial on-	New option for Material Selection section	D	D

	site use			
GG34-11 Part IV	Chapter 5 modifications and deletions	<ul style="list-style-type: none"> <li>• Deletes recycling provisions for building occupants (502.2)</li> <li>• Deletes indigenous material option for compliance with material selection provisions (503.2.5)</li> <li>• Deletes building service life section (505)</li> <li>• Deletes moisture control and material storage and handling section (506)</li> <li>• Deletes strawbale construction section (507)</li> </ul>	D	D
<b>Chapter 6 – Energy Conservation, Efficiency and Atmospheric Quality</b>				
GG132-11	202 Definitions	Revises definition for “Zero Energy Performance Index”	AS	AMPC
GEW1-11	601 General, 602 Energy Performance, 603 Energy Use	Revisions and new criteria related to scope, application, minimum requirements, performance compliance path and outcome compliance path	AS	AMPC1 and AMPC3
GG34-11 Part V	Chapter 6 rewrite	Deletes chapter in its entirety and substitutes new chapter	D	D
GEW3-11				
GEW5-11				
GEW9-11				
GEW296-11				
GEW297-11				
GEW10-11				
GEW134-11				
GEW22-11				
GEW24-11				
GEW41-11				
GEW36-				

11				
GEW51-11				
GEW52-11				
GEW75-11				
GEW60-11				
GEW61-11				
GEW67-11				
GEW11-11				
GEW69-11				
GEW70-11				
GEW73-11				
GEW75-11				
GEW77-11				
GEW78-11				
GEW79-11				
GEW80-11				
GEW89-11				
GEW90-11				

GEW95-11				
GEW96-11				
GEW102-11				
GEW104-11				
GEW107-11				
GEW112-11				
GEW105-11				
GG111-11				
GEW125-11				
GEW114-11				
GEW117-11				
GEW119-11				
GEW120-11				
GEW124-11				
GG110-11				
GEW128-11	606.1.1.1 Permanent Shading Devices for Fenestration	Deletes entire section from code	AS	
GEW129-11				
GEW132-11				

GEW138-11				
GEW142-11				
GEW146-11				
GEW150-11	606.1.2.5 Vestibules	Deletes entire section from code	AS	
GEW155-11				
GEW76-11				
GEW157-11				
GEW159-11				
GEW163-11				
GEW168-11				
GEW183-11	608.5 Rough-Ins for Future Solar Hot Water Pre-Heat	Deletes entire section from code		No Public Comment
GEW184-11				
GEW203-11				
GEW204-11				
GEW205-11				
GEW209-11				
GEW210-11				
GEW211-				

11				
GEW216-11				
GEW219-11				
GEW220-11				
GEW227-11				
GEW232-11				
GEW234-11				
GEW235-11				
GEW237-11				
GEW240-11				
GEW241-11				
GEW242-11				
GEW102-11				
GEW243-11				
GEW245-11				
GEW246-11				
GEW266-11				
GEW45-11				

GEW271-11				
GEW106-11				
GEW275-11				
GEW279-11				
GEW281-11				
GEW282-11				
GEW288-11				
GEW290-11				
GEW294-11				
<b>Chapter 7 – Water Resource Conservation and Efficiency</b>				
GG115-11	202 Definition	Revises definition for “storage tank” to include collection of stormwater	D	D
GEW302-11	701.1 Scope	Revises scope of chapter	AS	AS
GEW304-11	702.1 Fitting and fixture consumption, 702.1.1 Aggregate fixture and fitting water consumption calculation	Significantly revises provisions for reduced water consumption compliance	AS	D
GEW306-11	702.1 Fitting and fixture consumption	Clarifies shower compartment criteria for compliance	AS	AMPC
GEW318-11	702.6.1 Clothes washers	Clarifies criteria for clothes washers	D	AMPC1
GEW321-11	702.6.3 Food steamers	Clarifies criteria for food steamers	D	AMPC

GEW326-11	702.7 Municipal reclaimed water	Clarifies criteria for connecting to a municipal reclaimed water	AM	AM
GEW327-11	702.8 Efficient Hot Water Distribution Systems	Simplifies compliance by tabulating the maximum pipe/tube volume and length for efficient delivery of hot water	AS	AMPC3
GEW335-11	702.10 Makeup water supply	Complete deletion of “makeup water supply” provisions	AS	D
GEW341-11	702.13 Dipper wells	Clarifies criteria for dipper wells	D	AMPC1
GEW343-11	702.14 Automated vehicle wash facilities	Clarifies criteria for automated vehicle wash facilities	AM	AMPC2
GEW350-11	702.20 Food water disposers	Clarifies criteria for food water disposers	D	AMPC
GEW352-11	702.23 Liquid ring vacuum pumps	Clarifies criteria for liquid ring vacuum pumps	D	AMPC
GEW358-11	703.3 Condensate coolers and tempering	Revises criteria for condensate coolers and tempering	D	AMPC
GEW365-11	703.7.7 Discharge	Provides new criteria for cooling tower and evaporative condensers discharge	AS	AMPC
GEW368-11	703.9 (New) HVAC System Water Usage	New section for the efficient use of water in HVAC systems	D	D
GEW371-11	704.3 (New) Onsite residential and commercial water reuse treatment systems	New section for compliance with NSF standard for reuse of non-potable water in water closet and urinal flushing, surface irrigation and similar applications	D	AMPC
GEW374-11	705.2 Metering	Deletes remote reading requirement and revises criteria for meters	D	AMPC
GEW375-11	705.2 Metering	Adds additional criteria for meters	AM	AMPC1
GEW376-11	705.2 Metering	Complete deletion of “metering” requirements	D	D
GEW377-11	705.2 Metering	Adds language to require metering for only “utility” supplied water for irrigation systems	D	AMPC
GEW380-11	Table 705.2.1 Metering Requirements	Clarifies criteria for specific applications	AS	AMPC
GEW392-	707.12.1 Collection surface	Deletes ambiguous language for rainwater collection surface	D	AMPC

11	for rainwater			
GEW394-11	707.12.2 Debris excluders	Deletes self-cleaning requirement for debris excluders	D	AMPC
GEW402-11	707.12.7 Storage tank, 707.13 Tests and inspections		D	
GEW409-11	707.12.7.3 Foundation and supports		AS	
GEW410-11	707.12.7.3 Foundation and supports, and 708.12.6.4 Foundation and supports		D	
GEW412-11	707.12.7.3.1 Ballast		D	
GEW413-11	707.12.7.3 Foundation and supports, and 708.12.6.4 Foundation and supports		D	
GEW415-11	707.12.7.4 Makeup water		AS	
GEW418-11	707.12.7.6 Access and 708.12.6.7 Access		D	
GEW435-11	707.12.12.4, 708.12.10.4, 709.9.1.4 Labeling and marking		D	
GEW437-11	707.13.8, 708.13.6 Storage tank tests		D	
GEW440-11	707.13.10 Water quality test		AS	
GEW447-11	708.12.6.5 Makeup water		D	
GEW461-11	710.6.2 Source volume indication		AS	
GEW462-11	710.7 Non-potable water supply to fire pumps project elective		AS	
GEW465-	402.3.3.1, 402.3.4, 702.9,	Introduces the term “alternate on site” in relation to on-	AS	AS

11	702.10, 703.4, 703.8.2, 710.4, 710.5, 710.7, 710.8, 710.10	potable water systems in various code sections		
GG34-11 Part VI	Chapter 7 modifications and deletions	<ul style="list-style-type: none"> <li>• Lowers water saving thresholds</li> <li>• Revisions and deletions to numerous sections</li> <li>• References IPC for graywater systems</li> <li>• References accepted engineering practices for rainwater and municipal reclaimed water systems</li> </ul>	D	D
<b>Chapter 8 - Indoor Environmental Quality and Comfort</b>				
GG505-11	801.1 Scope and intent	Deletes "well-being" from scope and intent	D	AS
GG506-11	801.2 Indoor air quality management plan required	Deletes requirement for indoor air quality management plan	D	D
GG508-11	801.4 (New) Hazard communication plan	Adds new requirement for a hazard communication pan	D	D
GG510-11	802.3 Durability of air handling surfaces	Deletes provisions for air handling surfaces	AS	AS
GG512-11	802.6 (New) Duct and Plenum Construction	Adds new requirement for ducts and plenum spaces	D	D
GG515-11	803.1.2.4 (New) Control measures to protect occupants during construction	Adds new section for compliance with SMACNA IAQ Guidelines	D	AMPC
GG516-11	803.1.3 Construction phase ductless system or filter	Increases MERV rating for filters	D	D
GG517-11	803.2 Thermal environmental conditions for human occupancy	Adds new exception for greenhouses	D	AMPC
GG518-11	803.3 Environmental Tobacco Smoke Control	Deleted signage requirement	AS - Assembly Action	AS
GG523-11	803.4.1 Print, copy and janitorial rooms and garages	Provides for more stringent sealing requirements	D	D
GG525-11	803.5 Filters	Adds new pressure drop criteria for MERV 11 filters	AS	AMPC1

GG84-11	202 Definitions	Clarifies definition of “MERV”	AS	AMPC1
GG529-11	804.1 Fireplaces and appliances and 804.1.2 Venting	Clarifies requirements for fireplaces and appliances including prohibition of unvented “alcohol burning” appliances	AS - Assembly Action	AMPC1
GG549-11	804.2.4 Passive submembrane depressurization system	Adds additional criteria for passive sub-membrane depressurization	AS	AS
GG550-11	804.2.5 Passive subslab depressurization system	Revises criteria for passive sub-slab depressurization	AM	AM
GG552-11	804.2.7, 804.2.8, 804.2.9	Deletes provisions for vent pipe accessibility, identification and combination foundations	AS	AS
GG553-11	804.2.10 Power source	Revises requirements for power source	D	AMPC
GG554-11	804.2 Radon mitigation	Moves radon mitigation section to an appendix chapter	D	D
GG558-11	804.3 Building flush out	Provides thresholds for IAQ testing results	AM	AM
GG559-11	804.3 Building flush out	Provide alternative path of compliance by using test results of a similarly designed and constructed building	AM	AMPC1
<b>GG560-11</b>	<b>804.3 Building Flush Out</b>	<b>Deletes entire section for building flush out</b>	<b>AS - Assembly Action</b>	<b>D</b>
GG561-11	804.4 Building Entrances	Deletes entire section for building entry mat system	D	D
GG563-11	805 (New) Chemical management	New section for chemical management	D	D
GG564-11	805 (New) Prohibited materials	New section for prohibited materials	AS	AS
GG565-11	806.1 Emissions from glued wood products	Changes “glued wood products” to “composite wood products”	AM	AM
GG569-11	806.2 Adhesives and sealants	Limits requirement to adhesives & sealants used on the “interior side of the exterior wall covering”	AM	AMPC
GG593-11	806.4 Flooring	Provides definition for “flooring” as related to the section	D	D
GG597-11	Table 806.5(1) Ceiling and wall systems	Adds “gypsum board” to the table for materials that are deemed to comply with VOC emission limits	D	D
GG605-11	807 Acoustics	Deletes exterior sound transmission requirements and revises other acoustics provisions	AS	AS
GG606-11	807 Acoustics	Moves Acoustics section to a jurisdictional option	D	D
GG609-11	807.2 Exterior sound	Revises requirements for exterior sound transmission	D	AMPC3

	transmission			
GG610-11	807.2 Exterior sound transmission	Revises applicable occupancies for exterior sound transmission	D	D
GG612-11	807.3 Interior sound transmission	Adds new exception for interior sound transmission	D	D
GG613-11	807.3 Interior sound transmission	Revises requirements for interior sound transmission	D	D
GG614-11	807.4 (New) Structure-Borne Sounds	Adds new provisions for “structure-borne sounds”	AS	AMPC2
GG620-11	807.5 Special inspections for sound transmission	Adds new test exception for approved assemblies with an established Sound Transmission Class (STC) rating	AS	AS
GG623-11	807.6 (New) Interior Sound Reverberation	Adds new requirements for “interior sound reverberation”	D	D
GG625-11	807 Acoustics	Deletes entire section on acoustics	D	D
GG626-11	807 Acoustics	Deletes entire section on acoustics	D	D
GG630-11	808.2 Applicability - Daylighting	Revises applicability provisions	D	AMPC
GG633-11	808.3 Daylighting of building spaces	Revises criteria for daylighting	AS	AMPC
GG638-11	808.3 Daylighting of building spaces	Provides new exceptions for daylighting	D	D
GG639-11	808.3.1 Daylight prescriptive requirements	Clarifies prescriptive requirements for daylighting	AS	AMPC
GG640-11	808.3.2 Daylight performance requirements	Revises daylight performance requirements	AS	AMPC1
GG650-11	809.2.4. Total VOC limit project elective	Completely deletes “total VOC limit” project elective	D	AS
GG652-11	809.4 Interior plants density project elective	Revises provisions for interior plants density	AM	AMPC
GG655-11	809.4 Interior plants density project elective	Deleted entire section as project elective	AS - Assembly Action	D
GG656-11	809.5 (New) Acoustical performance project elective	Adds news project elective for reverberation time	AS	AMPC1

GG658-11	809.5 (New) Comfort conditioning and ventilation project elective	Adds new project elective for “comfort conditioning and ventilation”	D	AMPC1
GG34-11 Part VII	Chapter 8 modifications and deletions	<ul style="list-style-type: none"> <li>• Modifies air handling requirements (802)</li> <li>• Deletes thermal comfort and environmental tobacco smoke control requirements (803.2, 803.3)</li> <li>• Deletes radon mitigation section ( 804.2)</li> <li>• Deletes building flush out requirements (804.3)</li> <li>• Deletes building entry mat requirements (804.4)</li> <li>• Deletes materials emissions and pollutant control requirements (806)</li> <li>• Deletes acoustics/sound insulation requirements (807)</li> <li>• Complete rewrite of daylighting requirements (808)</li> </ul>	D	D
<b>Chapter 9 - Commissioning, Operation and Maintenance</b>				
GG659-11	Chapter 9 (New) Resource Minimization	Adds new provisions for structural design	D	D
GG664-11	Chapter 9 (New) Resource Minimization	Adds new provisions for structural design	D	D
GG666-11	Chapter 9 (New) Resource Minimization	Adds new provisions for structural design	D	D
GG683-11	901.1 Scope	Moves Commissioning provisions to a jurisdictional option	D	D
GG687-11	903.1 General	Deletes post-occupancy commissioning requirements	D	D
GG695-11	903.1.2 Post occupancy report requirement	Provides new exception for post occupancy commissioning	D	D
GG696-11	904.1.1 Owner responsibility and 904.1.1.1 Periodic reporting	Deletes section on owner responsibility and jurisdictional option for periodic reporting	D	D
GG699-11	904.2 Record documents	Adds new criteria for brownfield sites	AM	AMPC
GG698-11	904.2 Record documents and 904.3 Building operations and maintenance documents	Deletes requirement that one copy of documents remain with the building throughout the life of the structure	D	D
GG700-11	904.4 Building Owner Education Manual	Deletes entire section from code	AS - Assembly	

			Action	
GG34-11 Part VIII	Chapter 9 deletion	Complete deletion of Chapter 9 on commissioning, operations and maintenance	D	D
<b>Chapter 10 – Existing Buildings</b>				
GG703-11	1001.1 Scope	Limits scope to buildings previously commissioned under the IgCC	D	D
GG706-11	1001.1 Scope	Broaden scope to include relocatable buildings	AS	AMPC1
GG708-11	1001.2 Building operation and maintenance	Clarifies and consolidates requirements for existing building requirements	AS	AMPC
GG713-11	1001.4.2.1 (New) Reroofing and roof repair	Adds new section on reroofing and roof repair	D	D
GG724-11	1003.2.1 Heating, ventilation and air conditioning	Adds reference to 607.4 for duct sealing requirements	D	AS
GG725-11	1003.2.1 Heating, ventilation and air conditioning	Adds duct air sealing criteria	AS	D
GG726-11	1003.3 Additional requirements	Adds exception based on total cost of the alteration	D	AMPC2
GG722-11	1003 Alterations to Existing Buildings	Clarifies applicability and adds new “reroofing” section	D	AMPC
GG719-11	1003 Alterations to Existing Buildings	Clarifies and reorganizes requirements of alterations	AS	AMPC1 and AMPC4
GG723-11	1003 Alterations to Existing Buildings	Clarifies requirements of alterations	AS	D
GG741-11	1004 Change of Occupancy	Deletes “change of occupancy” requirements	D	AMPC
GG742-11	1005.1 Historic buildings	Clarifies exception for historic buildings	AS	AMPC
GG745-11	1006.2 Demolition	Scope is expanded to include provisions for “deconstruction” and reference to 502.1 for compliance with “ construction waste management plan”	AS	AMPC
GG744-11	1006 (New), 1007 (New), and 1008 (New)	Reorganization of sections on “demolition”, “sale of buildings” and “jurisdictional requirements”	AM	AMPC1
GG751-11	1007 (New) Post-occupancy re-commissioning	Adds “post- occupancy re-commissioning” provisions as a jurisdictional option	D	AMPC

GG716-11	1002.1 General	Adds applicable language for modular buildings	AM	AMPC1
GG753-11	Chapter 10 Existing Buildings	Deletes entire chapter	D	D
GG34-11 Part IX	Chapter 10 relocation and modifications	Moves Chapter 10 to an Appendix and deletes jurisdictional options	D	D
<b>Chapter 11 - Existing Building Site Development</b>				
GG754-11	1101.1 Scope	Clarifies applicability of chapter	AS	AMPC
GG758-11	1103.2 Changes to hardscapes and surface vehicle parking	Deletes entire section	D	D
GG759-11	1105.1 Historic building sites	Clarifies exception	D	AMPC
GG760-11	Chapter 11 Existing Building Site Development	Deletes entire chapter	D	D
<b>Appendix A - Optional Ordinance</b>				
GG34-11 Part XI	Appendix A deletion	Deletes without substitution	D	D
<b>Appendix B - Greenhouse Gas Reductions in Existing Buildings</b>				
GG34-11 Part XII	Appendix B deletion	Deletes without substitution	D	D
<b>Appendix C - Sustainability Measures</b>				
GEW471-11	C102.6.2.1 (New) Building facade removal	New provision for "building facade removal"	D	AMPC