DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
2018-01	PREFACE Part IV Chapter 11	Part IV, Energy Conservation (Chapter 11) is deleted from the INTERNATIONAL RESIDENTIAL CODE FOR ONE-AND TWO-FAMILY DWELLINGS. Substitute all references to Chapter 11 ENERGY EFFICIENCY with references to the <i>Georgia State Minimum Standard Energy Code</i> (International Energy Conservation Code with Georgia State Supplements and Amendments).	Task Force (Team 1)	CF
2018-02	PREFACE Part VII	Part VII, Plumbing (Chapters 25 through 33), is deleted from the INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS. Substitute for plumbing requirements the <i>Georgia State Minimum Standard Plumbing Code (International Plumbing Code with Georgia State Amendments)</i> .	Task Force (Team 1)	CF
2018-03	PREFACE Part VIII	Part VIII, Electrical (Chapters 34 through 43) is deleted from the INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS. Substitute for electrical requirements the <i>Georgia State Minimum Standard Electrical Code</i> (National Electrical Code with Georgia State Amendments).	Task Force (Team 1)	CF
2018-04	PREFACE Scope	Add the following Scope to the preface of the 2018 IRC amendment package: Scope. The provisions of the <i>International Residential Code for One- and Two-family Dwellings</i> shall apply to the construction, <i>alteration</i> , movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and townhouses separated by a 2-hour fire-resistance-rated wall assembly, not more than three stories above <i>grade plane</i> in height with a separate means of egress and their <i>accessory structures</i> . Exceptions: 1. Live/work units complying with the requirements of Section 419 of the <i>International Building Code</i> shall be permitted to be built as one- and two-family <i>dwellings</i> or townhouses. Fire suppression required by Section 419.5 of the <i>International Building Code</i> when constructed under the <i>International Residential Code for One- and Two-family Dwellings</i> shall conform to Section P2904 NFPA 13D. 2. Owner-occupied lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with the <i>International Residential Code for One- and Two-family Dwellings</i> when equipped with a fire sprinkler system in accordance with Section P2904 NFPA 13D.	Task Force (Team 1)	CF
2018-05	PREFACE Intent	IMPORTANT NOTE: The intent of the GA amendments is that fire sprinklers shall not be mandatory in one- and two-family dwellings. However, the provisions of the 2018 Edition of the International Residential Code for One- and Two-Family Dwellings regarding automatic fire sprinklers are to remain in the Code for use when the builder/developer or owner chooses to install fire sprinklers as an option. {Ref. O.C.G.A. §8-2-4. Neither the state residential and fire building code nor any residential and fire building code adopted by a political subdivision of the state adopted after May 24, 2010, shall include a requirement that fire sprinklers be installed in a single-family dwelling or a residential building that contains no more than two dwelling units.}	Task Force (Team 1)	CF
2018-06	Chapter 1	Delete Chapter 1 'Administration' without substitution. Chapter 1 to remain in the Code as a <i>reference and</i> guide for local governments in development of their own <i>Administrative Procedures</i> .	Task Force (Team 1)	CF
2018-07	R202	Revise Section R202 'Definitions' for Lodging House as follows: LODGING HOUSE . A one-family dwelling with 5 or fewer guestrooms, where one or more occupants are primarily permanent in nature, and rent is paid for guestrooms.	Task Force (Team 1)	CF

^{*}Note: These amendments are "proposed only" and have not been adopted by the Department of Community Affairs.

DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
2018-08	R202	Revise Section R202 'Definitions' for Townhouse as follows: TOWNHOUSE (ROW HOUSE). A single-family <i>dwelling unit</i> constructed in a group of three or more attached units in which. Eeach unit extends from foundation to roof, not more than three stories in height with a separate means of egress, and with an open space/yard or public way on not less than two sides. Each townhouse shall be considered a separate building with independent exterior walls and shall be separated by a 2-hour fire-resistance-rated wall assembly.	Task Force (Team 1)	CF
2018-10	R302.1	Revise Section R302.1 'Exterior walls' to read as follows: R302.1 Exterior walls. Construction, projections, openings and penetrations of <i>exterior walls</i> of <i>dwellings</i> and accessory buildings shall comply with Table R302.1(1); or <i>dwellings</i> equipped throughout with an <i>automatic sprinkler system</i> installed in accordance with Section P2904 NFPA 13D shall comply with Table R302.1(2). (Existing exceptions to remain as written).	Task Force (Team 1)	CF
2018-11	R302.2	Revise Section R302.2 'Townhouses' to read as follows: R302.2 Townhouses. Walls separating townhouse units shall be constructed in accordance with R302.2.1 or R302.2.2. Each townhouse shall be considered a separate building and shall be separated by fire-resistance-rated wall assemblies meeting the requirements of Section R302.1 for exterior walls. Exception: A common 2-hour fire-resistance rated wall assembly tested in accordance with ASTM E 119 or UL 263 is permitted for townhouses, if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against exterior walls and the underside of the roof sheathing. Electrical installations shall be installed in accordance with the National Electrical Code (NEC). Penetrations of electrical outlet boxes shall be in accordance with Section R302.4. Delete Section R302.2.1 'Double walls' and R302.2.2 'Common walls' without substitution.	Task Force (Team 1)	CF
2018-12	R302.2.6	Revise Section R302.2.6 'Structural independence' to delete exception 5 without substitution. R302.2.6 Structural independence. Each individual townhouse shall be structurally independent. Exceptions: 1. Foundations supporting exterior walls or common walls. 2. Structural roof and wall sheathing from each unit fastened to the common wall framing. 3. Nonstructural wall and roof coverings. 4. Flashing at termination of roof covering over common wall. 5. Townhouses separated by a common wall as provided in Section R302.2.2, Item 1 or 2.	Task Force (Team 1)	CF
2018-13	R302.5.1	Revise Section R302.5.1 'Opening protection' to read as follows: R302.5.1 Opening protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honey-comb-core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire rated doors, equipped with a self-closing device or automatic closing device.	Task Force (Team 1)	CF
2018-14	Table R302.6	Revise Table R302.6 'DWELLING/GARAGE SEPARATION' to add a new footnote "a" under the column 'SEPARATION' for 'Structures(s) supporting floor/ceiling assemblies used for separation required by this section' as follows:	Task Force (Team 1)	CF

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DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION		MARY	PROPONENT	ACTION
			R302.6		
		SEPARATION DWELLING/GAR/	AGE SEPARATION MATERIAL		
			Not less than 1/2-inch gypsum board or equivalent applied to		
		From the residence and attics	the garage side		
		From habitable rooms above the garage	Not less than 5/8-inch Type X gypsum board or equivalent		
		Structure(s) supporting floor/ceiling assemblies used for	Not less than 1/2-inch gypsum board or equivalent		
		separation required by this section a.			
		Garages located less than 3 feet from a dwelling unit on the same lot	Not less than 1/2-inch gypsum board or equivalent applied to the interior side of exterior walls that are within this area		
		For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.	the interior side of exterior wans that are within this area		
		a. Separation of floor/ceiling assemblies is not required in garage	ges protected by an automatic sprinkler system that meets the		
		following criteria:			
			ater supply system with or without an automatic operated		
		pump.2. A piping system serving both sprinkler and domestic ne	peds shall be accentable		
			nse sprinklers (135°F to 170°F [57°C to 77°C]) with a ½-inch (13		
		mm) orifice shall be installed.			
		4. The minimum operating pressure of any residential or			
		 Walls that resist the passage of smoke shall separate the in this wall shall be regulated by Section R302.5. 	ne sprinklered compartment from any other space(s). Openings		
		6. The maximum area protected by a single sprinkler head	d shall not exceed 144 ft ² (13.4 m ²).		
		7. The maximum distance between sprinklers shall not ex			
		8. The maximum distance to a wall or partition shall not e			
		9. The minimum distance between sprinkers within a com	partment shall be 8 feet (2.4 m).		
		10. Pendent and upright sprinkler heads shall be positione	d so that the deflectors are within 1 to 4 inches (25.4 to 102		
		mm) below framing.	fi municipality and		
		11. Sprinkler heads shall be located on a looped piping con	orinated polyvinyl chloride (CPVC), and polybutylene (PB) piping		
		shall be 3/4-inch (19 mm).	offinated polyvinyi chioride (Cr vC), and polybutyiene (r b) piping		
		13. Garage doors in the open positioned shall not interfere	with the operation of a sprinkler head.		
		14. A smoke alarm detector shall be installed in accordance	e with Section R314.		
2018-15	R302.13	Delete section R302.13 'Fire protection of floors' without s	ubstitution.	Task Force (Team 1)	CF
2018-16	R306.5	Add new Section 306.5 'Exterior hose bibs, sill cocks or ou	tside hydrants' as follows:	Task Force	CF
			s. One and two-family dwellings shall have not less than two	(Team 1)	_
		exterior hose bibs, sill cocks or outside hydrants with one b			
2018-17	R306.6	Add new Section 306.6 'Construction worker toilet facilities		Task Force	CF
			ies shall be provided for construction workers and such facilities	(Team 1)	
			er toilet facilities of the non-sewer type shall conform to ANSI		
		<u>Z4.3.</u>			

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DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
2018-18	R309.5	Delete Section 309.5 'Fire sprinklers' without substitution.	Task Force (Team 1)	CF
2018-19	R311.7.11	Delete Exception to Section R311.7.11 'Alternating tread devices' without substitution.	Task Force	A
2018-20	R312.2	Delete Section 312.2 'Window fall protection' without substitution and revise Section 312 heading as follows: 'Guards and Window Fall Protection' SECTION R312 GUARDS AND WINDOW FALL PROTECTION	Task Force (Team 1)	CF
2018-21	R313	Delete Section R313 'AUTOMATIC FIRE SPRINKLER SYSTEMS' and substitute as follows: SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS (Optional) R313.1 Automatic fire sprinkler systems (Optional). Installation of an automatic residential fire sprinkler system	Task Force (Team 1)	CF
		shall be optional and not mandatory in one and two family <i>dwellings</i> and <i>townhouses</i> . R313.2 Design and installation. When installed, Aautomatic residential fire sprinkler systems for one and two family <i>dwellings</i> and <i>townhouses</i> shall be designed and installed in accordance with NFPA 13D. Delete any other code references to Section P2904 'Dwelling Unit Fire Sprinkler Systems' and substitute NFPA 13D.		
2018-22	R314.1	Revise Section R314.1 'General' to read as follows: R314.1 General. Smoke alarms shall comply with NFPA 72 and Section R314.	Task Force	A
2018-23	R314.7.1	Revise Section R314.7.1 'General' to read as follows: R314.7.1 General. Fire alarm systems shall comply with the provisions of this code and the household fire warning equipment provisions of NFPA 72. Smoke detectors shall be <i>listed</i> in accordance with UL 268.	Task Force	A
2018-24	R315.2.1	Revise Section R315.2.1 'New Construction' as follows: R315.2.1 New construction. For new construction, carbon monoxide alarms shall be provided in dwelling units where either or both of the following conditions exist. 1. The dwelling unit contains a fuel fired appliance. 2. The dwelling unit has an attached garage with an opening that communicates with the dwelling unit.	Task Force	A
2018-25	R321.1	Revise Section R321.1 'Elevators' and add a new Section R321.1.1 'Hoistway opening framing' to read as follows: R321.1 Elevators. Where provided, passenger elevators, limited-use and limited-application elevators or private residence elevators shall comply with ASME A17.1/CSA B44. R321.1.1 Hoistway opening framing. Passenger elevators, Limited-use/limited-application elevators or private residence elevators shall have hoistway landing openings that meet the Georgia amended requirements of ASME A17.1/CSA B44 Sections 5.3.1.1 and 5.3.1.7.2. The clearance between the hoistway doors or gates and the hoistway edge of the landing sill shall not exceed 3/4 inch (19 mm). The distance between the hoistway face of the landing door or gate and the car door or gate shall not exceed 3 inches (75 mm).	Task Force	CF (revised- needs review)

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DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
2018-26	R322.1.9	Delete Section R322.1.9 'Manufactured homes.' without substitution.	Task Force (Team 1)	CF
2018-27	R403.3(1)	Delete and replace Figure R403.3(1) 'INSULATION PLACEMENT FOR FROST-PROTECTED FOOTINGS IN HEATED BUILDINGS' as follows:	Task Force (Team 2)	A (needs image)
2018-28	R403.3(3)	Delete and replace Figure R403.3(3) 'INSULATION PLACEMENT FOR FROST-PROTECTED FOOTINGS ADJACENT TO UNHEATED SLAB-ON-GROUND STRUCTURE' as follows:	Task Force (Team 2)	A (needs image)
2018-29	R502.6	Revise Section R502.6 'Bearing' to read as follows: R502.6 Bearing. The ends of each joist, beam or girder shall have not less than 11/2 inches (38 mm) of bearing on wood or metal, have not less than 3 inches of bearing (76 mm) on masonry or concrete or be supported by <i>approved</i> joist hangers. Alternatively, the ends of joists shall be supported on a 1-inch by 4-inch (25 mm by 102 mm) ribbon strip and shall be nailed to the adjacent stud. The bearing on masonry or concrete shall be direct, or a sill plate of 2-inch minimum (51mm) nominal thickness shall be provided under the joist, beam or girder. The sill plate shall provide a minimum nominal bearing area of 48 square inches (30 865 mm2).	Task Force (Team 2)	A
2018-30	R507.5.1(1)	Revise Figure R507.5.1(1) 'DECK BEAM TO DECK POST' to include a new illustration as follows: APPROVED ANGLE CONNECTOR EACH SIDE OF POST CORNER BEAM OVER POST	Tim Williams	A
2018-31	R507.9.1.3	Revise R507.9.1.3 'Ledger to band joist details' to read as follows: R507.9.1.3 Ledger to band joist details. Fasteners used in deck ledger connections in accordance with Table R507.9.1.3(1) shall be hot-dipped galvanized or stainless steel or other approved fastener and shall be installed in accordance with Table R507.9.1.3(2) and Figures R507.9.1.3(1) and R507.9.1.3(2).	Tim Williams	A
2018-32	R507.9.1.3 (2)	Revise Figure R507.9.1.3(2) 'Placement of Lag Screws and Bolts in Band Joists' as follows:	Ryan Taylor	
2018-33	R507.9.2(1)	Revise Figure R507.9.2(1) 'Deck Attachment for Lateral Loads' as follows:	Ryan Taylor	

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DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
2018-34	R507.9.2(2)	Revise Figure R507.9.2(2) 'Deck Attachment for Lateral Loads' and Note as follows: NOTE: THIS DETAIL IS APPLICABLE WHERE FLOOR JOISTS ARE PARALLEL AND OFFSET TO DECK JOISTS.	Ryan Taylor	
2018-35	R602.10	Add new exception to R602.10 'Wall bracing' to read as follows: R602.10 Wall bracing. Buildings shall be braced in accordance with this section or, when applicable, Section R602.12. Where a building, or portion thereof, does not comply with one or more of the bracing requirements in this section, those portions shall be designed and constructed in accordance with Section R301.1. Exception: APA Simplified Wall Bracing Method, SR-102 may be used as an alternate method of wall bracing subject to limitations in document.	Task Force (Team 2)	CF
2018-36	R806.5 (5.2)	Delete R806.5 'Unvented attic and unvented enclosed rafter assemblies' Item 5.2 without substitution.	Task Force	A
2018-37	R807.1.1	Add new Section R807.1.1 'Attic service access' to read as follows: R807.1.1 Attic service access. Attics containing appliances or mechanical equipment service shall be accessible by pull down stairs or other permanent steps and at a minimum be sized to allow the removal of the largest appliance.	Elaine Powers And Joel Rodriguez	A
2018-38	M1301.2	Revise Section M1301.2 'Identification' as follows: M1301.2 Identification. Each length of pipe and tubing and each pipe fitting utilized in a mechanical system shall bear the identification of the manufacturer. If not provided on the packaging or crating or by other approved documentation, each pipe fitting, utilized in a gas fuel system, shall bear the identification of the manufacturer.	Task Force	CF
2018-39	M1601.1.1	 Revise Section M1601.1.1 'Above ground duct systems' to read as follows: M1601.1.1 Above-ground duct systems. Above-ground duct systems shall conform to the following: Equipment connected to duct systems shall be designed to limit discharge air temperature to a maximum of 250°F (121°C). Factory-made air ducts shall be listed and labeled in accordance with UL 181 and installed in accordance with the manufacturer's instructions. Fibrous duct construction shall conform to the SMACNA Fibrous Glass Duct Construction Standards or NAIMA Fibrous Glass Duct Construction Standards. Field-fabricated and shop-fabricated metal and flexible duct constructions shall conform to the SMACNA Duct Construction Standards—Metal and Flexible except as allowed by Table M1601.1.1. Galvanized steel shall conform to ASTM A653. The use of gypsum products to construct return air ducts or plenums is permitted, provided that the air temperature does not exceed 125°F (52°C) and exposed surfaces are not subject to condensation. Duct systems shall be constructed of materials having a flame spread index not greater than 200. Stud wall cavities and the spaces between solid floor joists to be used as air plenums shall comply with the following conditions: The use of gypsum products are not subject to condensation. Stud wall cavities and the spaces between solid floor joists to be used as air plenums shall comply with the following conditions: The use of gypsum products are not subject to condensation. Stud wall cavities and the spaces between solid floor joists to be used as air plenums shall comply with the The use of gypsum products are not subject to condensation. Stud wall cavities and the spaces betwe	Task Force	CF (needs review)

DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
		 7.1. 6.1. These cavities or spaces shall not be used as a plenum for supply or return air unless all such supply and return ducts are lined with metal, flex duct, duct board or other material that is approved in this section. 7.2. 6.2. These cavities or spaces shall not be part of a required fire-resistance-rated assembly. 7.3. 6.3. Stud wall cavities shall not convey air from more than one floor level. 7.4. 6.4. Stud wall cavities and joist-space plenums shall be isolated from adjacent concealed spaces by tight-fitting fire blocking in accordance with Section R602.8. 7.5. 6.5. Stud wall cavities in the outside walls of building envelope assemblies shall not be utilized as air plenums. 8. 7. Volume dampers, equipment and other means of supply, return and exhaust air adjustment used in system balancing shall be provided with access. 		
2018-40	M1901.2	Revise Section M1901.2 'Cooking appliances' to add a new exception to read as follows: M1901.2 Cooking appliances. Cooking appliances shall be listed and labeled for household use and shall be installed in accordance with the manufacturer's instructions. The installation shall not interfere with combustion air or access for operation and servicing. Electric cooking appliances shall comply with UL 1026 or UL 858. Solid-fuel-fired fireplace stoves shall comply with UL 737. Microwave ovens shall comply with UL 923. Exception: Listed and labeled commercial cooking appliances may be installed in dwelling units and domestic kitchens when designed and accepted by a Georgia licensed Professional Engineer.	Task Force	CF
2018-41	G2415.6 (404.6)	Delete Section G2415.6 (404.6) 'Underground penetrations prohibited' and substitute to read as follows: G2415.6 (404.6) Piping through foundation wall. Underground piping where installed below grade through the foundation or basement wall of a building, shall be encased in a protective pipe sleeve. The annular space between the gas piping and the sleeve shall be sealed.	Andrea Lanier Papageorge	A CF
2018-42	G2415.7.1	Revise Section G2415.7.1 (404.7.1) 'Piping through bored holes or notches' to read as follows: G2415.7.1 (404.7.1) Piping through bored holes or notches. Where <i>piping</i> is installed through holes or notches in framing members and the <i>piping</i> is located less than 11/2 inches (38 mm) from the framing member face to which wall, ceiling or floor membranes will be attached, the pipe shall be protected by shield plates that cover the width of the pipe and the framing member, and that extend not less than 4 inches (102 mm) to each side of the framing member. Where the framing member that the <i>piping</i> passes through is a bottom plate, bottom track, top plate or top track, the shield plates shall cover the framing member and extend not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) below the top framing member.	Tim Williams	A
2018-43	G2415.7.2	Delete Section G2415.7.2 (404.7.2) 'Piping installed in other locations' without substitution.	Tim Williams	A
2018-44	G2415.11.1 (404.11.1)	Delete Section G2415.11.1 (404.11.1) 'Galvanizing' without substitution: G2415.11.1 (404.11.1) Galvanizing. Zinc coating shall not be deemed adequate protection for underground gas piping.	Andrea Lanier Papageorge	A

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GA Dept. of Community Affairs (DCA) 60 Executive Park South, N.E. Atlanta, Georgia 30329-2231

PROPOSED CODE AMENDMENTS 2018 International Residential Code (IRC) Task Force

DCA Staff: Matt McConnell Phone: (404) 679-3104 Date Rev.: 3-8-2018

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
2018-45	G2415.18 (404.18)	Revise Section G2415.18 (404.18) 'Pipe Cleaning' to read as follows: G2415.18 (404.18) Pipe eleaning debris removal. The interior of piping shall be clear of debris. The use of a flammable or combustible gas to clean or remove debris from a <i>piping system</i> shall be prohibited.	Andrea Lanier Papageorge	A
2018-46	G2420.2.1 (409.2.1)	Add new Section G2420.2.1 (409.2.1) 'System shutoff valve' to read as follows: G2420.2.1 (409.2.1) System shutoff valve. Where the point of delivery is the outlet of the service meter assembly, or the outlet of the service regulator, a system shutoff valve shall be installed. Such valve is considered to be part of the customer piping system.	Task Force	CF
2018-47	G2420.5.4 (409.5.4)	Add new Section G2420.5.4 (409.5.4) 'Appliance valves' to read as follows: G2420.5.4 (409.5.4) Appliance valves. Shutoff valves located behind appliances such as range/ovens and clothes dryers shall be considered accessible.	Andrea Lanier Papageorge	A CF
2018-48	G2423.1 (413.1)	Delete Section G2423.1 (413.1) 'General' and substitute to read as follows: G2423.1 (413.1) General. Under Georgia law, the Rules and Regulations of the Georgia Safety Fire Commissioner govern the storage, delivery and dispensing of compressed natural gas. Refer to the Rules and Regulations of the Georgia Safety Fire Commissioner and NFPA 52 for all requirements concerning compressed natural gas motor vehicle fuel-dispensing stations.	Andrea Lanier Papageorge	A CF