# Note Proposed Amendments: (added text to the code is: underlined, deleted text to the code is: struck through)

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-01	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 (International Energy Conservation Code with Georgia State</i> <i>Supplements and Amendments)</i> .	2020 amendments	CF
IRC- 2024-02	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> .	2020 amendments	CF
IRC- 2024-03	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 (National Electrical Code with Georgia State Amendments)</i> .	2020 amendments	CF
IRC- 2024-04	PREFACE Scope	<ul> <li>Add the following Scope to the preface of the 2018 IRC amendment package:</li> <li>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>.</li> <li>Exceptions: <ol> <li>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.</li> <li>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.</li> </ol></li></ul>	2020 amendments	CF
IRC- 2024-05	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.}	2020 amendments	CF

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-06	Chapter 1	Delete Chapter 1 'Scope and Administration' without substitution. Chapter 1 to remain in the Code as a reference and guide for local governments to use in development of their own <i>Administrative Procedures</i> .	2020 amendments	CF
IRC- 2024-07	R202	Revise Section R202 'Definitions' for "[RB] Lodging House" to read as follows:         [RB] 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.	2020 amendments	CF
IRC- 2024-08	R202	Replace Section R202 'Definitions' for "[RB] Townhouse Unit" to read as follows:         [RB] TOWNHOUSE UNIT. A single-family dwelling unit constructed in a group of three or more attached unit. Each 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.	2020 amendments	CF
IRC- 2024-09	R301.1.1	<ul> <li>Revise section R301.1.1 'Alternative Provisions' to read as follows.</li> <li>R301.1.1 Alternative Provisions As an alternative to the requirements in Section R301.1, the following standards are permitted subject to the limitations of this code and the limitations therein. Where engineered design is used in conjunction with these standards, the design shall comply with the International Building Code. <ol> <li>AWC Wood Frame Construction Manual (WFCM).</li> <li>AISI Standard for Cold-Formed Steel Framing—Prescriptive Method for One- and Two- Family Dwellings (AISI S230).</li> <li>ICC Standard on the Design and Construction of Log Structures (ICC 400).</li> <li>The construction or repair of any accessory structure not containing habitable space using ungraded lumber shall comply with the provision of Appendix AY.</li> </ol> </li> </ul>	Task Force	Α
IRC- 2024-10	R302.1	<ul> <li>Revise Section R302.1 'Exterior walls' to read as follows:</li> <li><b>R302.1 Exterior walls.</b> 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).</li> </ul>	2020 amendments	CF

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-11	R302.2	Revise Section R302.2 'Townhouses' to read as follows: <b>R302.2 Townhouses.</b> 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 Section R302.4.	2020 amendments	CF
IRC- 2024-12	R302.2.1	Delete Section R302.2.1 'Double walls' without substitution.	2020 amendments	CF
IRC- 2024-13	R302.2.2	Delete Section R302.2.2 'Common walls' without substitution.	2020 amendments	CF
IRC- 2024-14	R302.2.6	Revise Section R302.2.6 'Structural independence' to delete exception 5 without substitution.	2020 amendments	CF
IRC- 2024-15	R302.5.1	<ul> <li>Revise Section R302.5.1 'Opening protection' to read as follows:</li> <li>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. Doors shall be self latching and equipped with a self closing device or automatic closing device.</li> </ul>	2020 amendments	CF

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION		
IRC- 2024-16	Table R302.6	2020 amendments	R			
		TABLE R302.6 DWELLING UNIT-GARAGE SEPARATION				
		SEPARATION MATERIAL				
		From the dwelling unit and atticsNot less than 1/2-inch gypsum board or equivalent applied to the garage side				
		Portions of the dwelling unit above the garage Not less than 5/8-inch Type X gypsum board or equivalent				
		Structure(s) supporting floor/ceiling assemblies used for separation required by this section $\frac{a}{2}$ Not less than $\frac{1}{2}$ -inch gypsum board or equivalent				
		Garages located less than 3 feet from a dwelling unit on the same lotNot 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. <u>a. Separation of floor/ceiling assemblies is not required in garages protected by an automatic sprinkler system that meets the</u>				
		following criteria:         1.       The sprinkler system shall be connected to a reliable water supply system with or without an automatic operated				
		<ul> <li><u>pump.</u></li> <li>2. A piping system serving both sprinkler and domestic needs shall be acceptable.</li> </ul>				
		<ol> <li><u>A pring system serving both sprinker and conteste needs shall be deceptable.</u></li> <li>Ordinary-temperature-rated residential or quick response sprinklers (135°F to 170°F [57°C to 77°C]) with a ½-inch (13</li> </ol>				
		mm) orifice shall be installed.				
		4. The minimum operating pressure of any residential or quick response sprinkler shall be 7 psi (0.5 bar).				
		in this wall shall be regulated by Section R302.5. 6. The maximum area protected by a single sprinkler head shall not exceed 144 ft <sup>2</sup> (13.4 m <sup>2</sup> ).				
		<ol> <li>The maximum distance between sprinklers shall not exceed 12 feet (3.7 m).</li> </ol>				
		8. The maximum distance to a wall or partition shall not exceed 6 feet (1.8 m).				
		9. The minimum distance between sprinkers within a compartment shall be 8 feet (2.4 m).				
		10. Pendent and upright sprinkler heads shall be positioned so that the deflectors are within 1 to 4 inches (25.4 to 102				
		mm) below framing.				
		<ol> <li>Sprinkler heads shall be located on a looped piping configuration.</li> <li>Minimum pipe size, including that for copper, listed chlorinated polyvinyl chloride (CPVC), and polybutylene (PB)</li> </ol>				
	· · · · ·	piping shall be 3/4-inch (19 mm).				
		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 with Section R314.				
L	1			L		

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-17	R302.13	Delete Section R302.13 'Fire protection of floors' without substitution.	2020 amendments	CF
IRC- 2024-18	R303.4	Deleted Section R325.3 'Mechanical ventilation' and replace with the following: <b>R303.4 Mechanical ventilation.</b> Where the air infiltration rate of a <i>dwelling unit</i> is 3 air changes per hour or less where tested with a blower door at a pressure of 0.2 inch w.c (50 Pa) in accordance with Section N1102.5.1, the <i>dwelling unit</i> shall be provided with whole-house mechanical ventilation in accordance with Section M1505	2020 amendments	CF
IRC- 2024-19	R326.5	Add new Section R326.5 'Exterior hose bibs, sill cocks or outside hydrants' to read as follows: <b>R326.5 Exterior hose bibs, sill cocks or outside hydrants.</b> One and two-family dwellings shall have not less than two exterior hose bibs, sill cocks or outside hydrants with one being located on the side or rear of the structure.	2020 amendments	R
IRC- 2024-20	R326.6	Add new Section R326.6 'Construction worker toilet facilities' to read as follows: <b>R326.6 Construction worker toilet facilities.</b> Toilet facilities shall be provided for construction workers and such facilities shall be maintained in a sanitary condition. Construction worker toilet facilities of the non-sewer type shall conform to ANSI Z4.3.	2020 amendments	R
IRC- 2024-21	R317.5	Delete Section R317.5 'Fire sprinklers' without substitution.	2020 amendments	R
IRC- 2024-22	R318.7.12	Delete Exception to Section R318.7.12 'Alternating tread devices' without substitution.	2020 amendments	R
IRC- 2024-23	R321	Delete Section R321.2 'Window fall protection' without substitution and revise Section 321 heading to read as follows: 'Guards and Window Fall Protection' SECTION R321 GUARDS AND WINDOW FALL PROTECTION	2020 amendments	R

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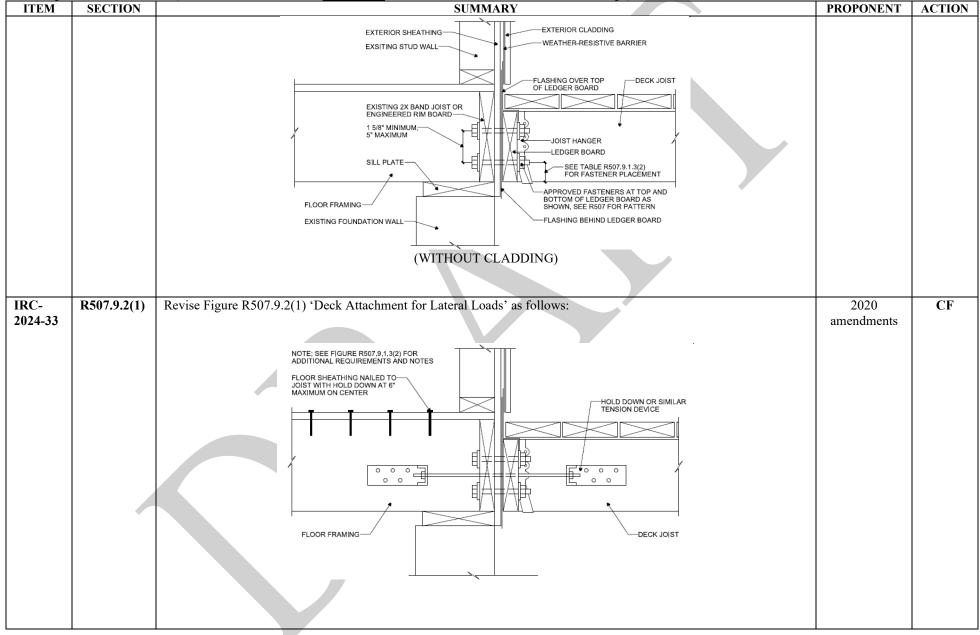
ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-24	R309	Delete Section R309 'AUTOMATIC FIRE SPRINKLER SYSTEMS' and substitute to read as follows: SECTION R309 AUTOMATIC FIRE SPRINKLER SYSTEMS (Optional) R309.1 Automatic fire sprinkler systems (Optional). Installation of an automatic residential fire sprinkler system shall be optional and not mandatory in one and two family dwellings and townhouses. R309.2 Design and installation. When installed, Aautomatic residential fire sprinkler systems for one and two family dwellings and townhouses 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.	2020 amendments	R
IRC- 2024-25	R311.2.1	<ul> <li>Revise Section R311.2.1 'New Construction' to read as follows:</li> <li>R311.2.1 New construction. For new construction, carbon monoxide alarms shall be provided in dwelling units where either or both of the following conditions exist.</li> <li>1. The dwelling unit contains a fuel fired appliance.</li> <li>2. The dwelling unit has an attached garage with an opening that communicates with the dwelling unit.</li> </ul>	2020 amendments	R
IRC- 2024-26	R323.1	<ul> <li>Revise Section R323.1 'Elevators' and add a new Section R323.1.1.3 'Hoistway opening framing' to read as follows:</li> <li>R323.1 Elevators. Where provided, passenger elevators, limited-use and limited-application elevators or private residence elevators shall comply with ASME A17.1/CSA B44.</li> <li>R323.1.1.3 Hoistway opening framing. Passenger elevators, Llimited-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).</li> </ul>	2020 amendments	R

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-27	R306.1.9	Delete Section R306.1.9 'Manufactured homes.' without substitution.	2020 amendments	R
IRC – 2024 -28	R403.1.6	<ul> <li>Revise section R403.1.6 'Foundation anchorage' to add new exception 3 to read as follows:</li> <li>3. Where the basic wind speed in accordance with Figure R301.2(4)A does not exceed 115 miles per hour (51 m/s), the seismic design category is A or B and Method GB in accordance with Section R602.10 is used for a braced wall line on the interior of the dwelling, anchor bolts or positive anchorage with approved fasteners shall be required for the wood sole plates of the braced wall panels.</li> </ul>	Alan Cannon	Α
IRC- 2024-29	R502.6	Revise Section R502.6 'Bearing' to read as follows: <b>R502.6 Bearing.</b> 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).	2020 amendments	CF
IRC- 2024-30	R507.5.2(1)	Revise Figure R507.5.2(1) 'DECK BEAM TO DECK POST' to include a new illustration for "Corner Beam Over Post" as follows:	2020 amendments	CF

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-31	R507.9.1.3	Revise section R507.9.1.3 'Ledger to band joist details' to read as follows.	2020 amendments	R
		<b>R507.9.1.3 Ledger to band joist details.</b> Where ledgers are fastened in accordance with Table R507.9.1.3(1), fasteners shall comply with Section R507.2.3 <u>or other approved fasteners</u> 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). Holes for 1/2-inch (12.7 mm) lag screws shall be predrilled with two drill bits so that a hole 1/2 inch (12.7mm) in diameter is drilled through the ledger and sheathing, if present, and a hole 5/16 inch (7.9 mm) to 3/8 inch (9.5mm) in diameter is drilled through the band joist.		
IRC- 2024-32	R507.9.1.3 (2)	Revise Figure R507.9.1.3(2) 'Placement of Lag Screws and Bolts in Band Joists' as follows:	2020 amendments	CF

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-34	R507.9.2(2)	Revise Figure R507.9.2(2) 'Deck Attachment for Lateral Loads' and Note as follows:	2020 amendments	CF
IRC- 2024-35	R602.10	Add new exception to R602.10 'Wall bracing' to read as follows: <b>R602.10 Wall bracing.</b> 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. <b>Exception:</b> <u>APA Simplified Wall Bracing Method, SR-102 may be used as an alternate method of wall bracing subject</u> to limitations in document.	2020 amendments	CF
IRC - 2024 -36	R602.10.6	Revise Figure R602.10.6.2 'Method PFH – Portal Frame with Hold-Downs', Figure R602.10.6.3 'Method PFG – Portal Frame at Garage Door Openings in Seismic Design Categories A, B and C' and Figure R602.10.6.4 'Method CS-PF – Continuously Sheathed Portal Frame Panel Construction' to remove note from all three Figures: Note: Header shall not extend over more than one opening.	Chris Keeling	D
IRC- 2024-37	R807.1.1	Add new Section R807.1.1 'Attic service access' to read as follows: <b>R807.1.1 Attic service access.</b> 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.	2020 amendments	CF

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-38	M1601.1.1	<ul> <li>Revise Section M1601.1.1 'Above ground duct systems' to read as follows:</li> <li>M1601.1.1 Above-ground duct systems. Above-ground <i>duct systems</i> shall conform to the following: <ul> <li>5. 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.</li> <li>7. Stud wall cavities and the spaces between solid floor joists to be used as air plenums shall comply with the following conditions:</li> <li>7.1 These cavities or spaces shall not be used as a plenum for supply or return air <u>unless all such supply and return ducts are lined with metal</u>, flex duct, duct board or other material that is approved in this section.</li> </ul> </li> </ul>	2020 amendments	CF
IRC- 2024-39	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.	2020 amendments	CF
IRC- 2024-40	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. 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) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) above the bottom framing member and 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.	2020 amendments	CF
IRC- 2024-41	G2415.7.2	Delete Section G2415.7.2 (404.7.2) 'Piping installed in other locations' without substitution.	2020 amendments	CF
IRC- 2024-42	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.	2020 amendments	CF

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IRC- 2024-43	G2420.2.1 (409.2.1)	Add new Section G2420.2.1 (409.2.1) 'System shutoff valve' to read as follows: <u>G2420.2.1 (409.2.1) System shutoff valve.</u> 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.	2020 amendments	CF
IRC- 2024-44	G2423.1 (413.1)	Delete Section G2423.1 (413.1) 'General' and substitute to read as follows: <u>G2423.1 (413.1) General. Under Georgia law, the Rules and Regulations of the Georgia Safety Fire Commissioner</u> <u>govern the storage, delivery and dispensing of compressed natural gas. Refer to the Rules and Regulations of the</u> <u>Georgia Safety Fire Commissioner and NFPA 52 for all requirements concerning compressed natural gas motor vehicle</u> <u>fuel-dispensing stations.</u>	2020 amendments	CF
IRC- 2024-45	APPENDIX U	The Department of Community Affairs hereby adopts Appendix U 'Disaster Resilient Construction' as optional. See Attached document: Disaster Resilient Construction	2020 amendments	CF
IRC - 2024 -46	APPENDIX BB	Add new section BB107 'Smoke and Carbon monoxide detectors' to read as follows. BB107 SMOKE AND CARBON MONOXIDE DETECTORS. Smoke and carbon monoxide detectors shall be installed as required in Sections R310 and R311.	Task Force	Α
IRC - 2024 -47	APPENDIX BB	Delete section BB104.2.3 'Alternating Tread Devices'	Ryan Taylor	A