

**Recommendation of Updates to the Residential Code of New York State  
Including recommendations of the Technical Subcommittee, subcommittee members and Code Division staff  
regarding implementing changes of the IRC, 2012 and 2009 editions, to the 2010 Residential Code of New York State**

The following table includes the IRC section, the 2010 RCNYS section, a summary of the change, indication of action required and status of recommendation by the technical subcommittee, or if noted by subcommittee individual members of Code staff.

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
<b>CHAPTER 1</b>						
1-1	R101.2 (2009)		Scope	<b>IRC Language Modification</b> <b>From:</b> "...not more than three stories above-grade in height ..." <b>To:</b> "...not more than three stories above grade <u>plane</u> in height..." Impact: Clarifies where basement IS a story above grade plane, there may be only TWO more stories above that and still use RC.	Approve	10/9 APPROVED – disagreed by John H.
1-2	R101.2 Exc. 1 (2009)		Scope	<b>New IRC Language</b> "Live/work Units," a type of mixed residential/business occupancy allowed to be constructed/regulated under RC when provided with sprinkler system.	Review Appendix J for conflict with home occupations.	9/25 APPROVED -Add IBC definition of "Live/work Units," replace word "tenant" in def. w/word "occupant" -Review App. J home occ. reqm'ts for comparability
1-3	R101.2 Exc. 2 (2012)		Scope	<b>New IRC Language</b> "Owner-occupied lodging houses," with five or fewer guest rooms, allowed to be constructed under RC when provided with sprinkler system.		9/26 APPROVAL OVERTURNED. 10/23 DISAPPROVED
<b>CHAPTER 2</b>						
2-1	R202	R202	ADDITION	<b>NYS Language Modification</b> <b>From:</b> "An extension or increase in floor area or height of a building or structure." <b>To:</b> "An extension or increase in floor area, <u>number of stories</u> or height of a building or structure. <u>For the purpose of compliance with Chapter R11, the term "addition" shall also include an increase in conditioned space or the extension of a building system or subsystem."</u>		10/2 APPROVED
2-2	R202	R202	ALTERATION	<b>NYS Language Modification</b> <b>From:</b> "Any construction or renovation to an existing structure other than repair or addition <u>that requires a permit</u> . Also, a change in a mechanical system that involves an extension, addition or change to the arrangement, type or purpose of the original installation that requires a permit." <b>To:</b> "Any construction or renovation to an existing structure other than repair or addition. <u>Alterations are classified as Level 1 and Level 2. For the purpose of compliance with Chapter R11, the term "alteration" shall also include a change to a mechanical system that involves an extension, addition or change to the arrangement, type or purpose of the original installation."</u>		CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
2-3	R202	R202	APPROVED	<b>NYS Language Modification</b> <b>From:</b> "Acceptable to the building official." <b>To:</b> "Acceptable to the code enforcement official as determined to meet the requirements of this code."		CONSENT
2-4	R202	R202	AREA WEIGHTED AVERAGE	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-5	R202 (2009)	R202	ASPECT RATIO	<b>NYS Language Modification/New IRC Language</b> NYS added a definition when there wasn't one NYS: "The ratio of the height to width (h/w) of a shear wall. The shear wall height is the maximum clear height from top of foundation or diaphragm to bottom of diaphragm framing above and the shear wall width is the sheathed dimension in the direction of applied force on the shear wall." IRC has now added a definition IRC: "The ratio of longest to shortest perpendicular dimensions, or for wall sections, the ratio of height to length."	Delete NYS definition	10/2 APPROVED DELETION
2-6	R202 (2009)	R202	ATTIC, HABITABLE	<b>New IRC Language</b> Defines an area in an attic as "habitable" but not a story when meeting listed requirements Impact: This area in an attic may be: 1 - UNLIMITED in area 2 - combined with a basement that is not a story above a grade plane to create 5 story dwellings	Delete definition	10/2 APPROVED DELETION
2-7	R202 (2009)	R202	BALCONY, EXTERIOR	<b>IRC Deleted Language</b> Definition deleted IRC commentary explanation: The purpose of the definitions was to distinguish between construction methods for decks and balconies for determining live load requirements. Because the live load requirements for both have been made the same, there no longer is any reason to differentiate their construction and their definitions have been deleted.	Modify for NYS by retaining 2006 IRC BALCONY, EXTERIOR definition	10/2 APPROVED RETENTION OF DEFINITION
2-8	R202	R202	BED AND BREAKFAST DWELLING	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-9	R202 (2009)	R202	BRACED WALL LINE	<b>IRC Language Modification</b> Definition revised for clarity		CONSENT
2-10	R202 (2009)	R202	BRACED WALL LINE, CONTINUOUSLY SHEATHED	<b>New IRC Language</b> New definition	Approve	CONSENT
2-11	R202 (2009)	R202	BRACED WALL PANEL	<b>IRC Language Modification</b> Definition revised for clarity	Approve	CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
2-12	R202	R202	CARBON MONOXIDE ALARM	<p align="center"><b>NYS Language Modification</b></p> <p>Added NYS definition</p> <p><b>Proposed Language Modification:</b>  <i>"CARBON MONOXIDE ALARM. A single- or multiple-station device that has (1) a sensor capable of detecting the presence of carbon monoxide levels below those that cause a loss of ability to react to the dangers of carbon monoxide exposure and (2) an <u>audible alarm signal</u> that sounds when carbon monoxide is detected."</i></p> <p>Note: The additional text adds clarity that carbon monoxide detector is designed to respond before a person is incapacitated. Text in (2) added for clarity.</p>	Continue modification w/ language change proposed by G. Moniz	10/2 APPROVED MODIFICATION
2-13	R202	R202	CARBON MONOXIDE DETECTOR	<p align="center"><b>NYS Language Modification</b></p> <p>Added NYS definition</p> <p><b>Proposed Language Modification:</b>  <i>"CARBON MONOXIDE DETECTOR. A device that (1) has a sensor capable of detecting the presence of carbon monoxide levels below those that cause a loss of ability to react to the dangers of carbon monoxide exposure and (2) is connected to an alarm control unit that sounds an <u>audible alarm signal</u> when carbon monoxide is detected."</i></p> <p>Note: The additional text adds clarity that carbon monoxide detector is designed to respond before a person is incapacitated. Text in (2) added for clarity.</p>	Continue modification w/ language change proposed by G. Moniz	10/2 APPROVED MODIFICATION
2-14	R202	R202	CARBON MONOXIDE SOURCE	<p align="center"><b>NYS Language Modification</b></p> <p>Added NYS definition</p> <p><b>Proposed Language Modification:</b>  <i>"CARBON MONOXIDE SOURCE. Any appliance, equipment, device or system that may emit carbon monoxide (including, but not limited to, fuel fired furnaces; fuel fired boilers; space heaters with pilot lights or open flames; kerosene heaters; wood stoves; <u>fuel-burning</u> fireplaces; and stoves, ovens, dryers, water heaters and refrigerators that use gas or liquid fuel), attached garages, and other motor vehicle related occupancies."</i></p> <p>Note: A fireplace could utilize electricity to produce heat or a decorative effect and may not necessarily burn of fuel. Fireplaces that do not burn fuel are unable of producing carbon monoxide. Fuel-burning fireplaces burn fuel and need CO detection for occupant safety from dangerous levels of carbon monoxide. The term fuel-burning fireplace is being added to the 2015 edition of NFPA 720, NFPA 101, IRC and IFC.</p>	Continue modification w/ language change proposed by G. Moniz	10/2 APPROVED MODIFICATION

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
2-15	R202 (2009)	R202	DECK	<b>IRC Deleted Language</b> Definition deleted IRC commentary explanation: The purpose of the definitions was to distinguish between construction methods for decks and balconies for determining live load requirements. Because the live load requirements for both have been made the same, there no longer is any reason to differentiate their construction and their definitions have been deleted.	Modify for NYS by retaining 2006 IRC DECK definition	10/2 APPROVED RETENTION OF DEFINITION
2-16	R202	R202	FACTORY MANUFACTURED HOME (MODULAR HOME)	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-17	R202	R202	BRACED WALL	<b>IRC Language Modification</b>	This row appears to be an error. Disregard.	
2-18	R202 (2009)	R202	FIRE-RETARDANT TREATED WOOD	<b>New IRC Language</b> New definition		CONSENT
2-19	R202 (2009)	R202	FLAME SPREAD INDEX	<b>IRC Language Modification</b> Definition appears to have been clarified		CONSENT
2-20	R202 (2009)	R202	FLIGHT	<b>New IRC Language</b> New definition		CONSENT
2-21	R202	R202	FLOOD or FLOODING	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-22	R202	R202	FLOOD BOUNDARY AND FLOODWAY MAP (FBFM)	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-23	R202	R202	FLOOD HAZARD AREA	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-24	R202	R202	FLOOD AREA SUBJECT TO HIGH VELOCITY WAVE ACTION	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-25	R202	R202	FLOOD INSURANCE RATE MAP (FIRM)	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-26	R202	R202	FLOODWAY	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-27	R202	R202	FREEBOARD	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-28	R202 (2012)	R202	GUESTROOM	<b>New IRC Language</b> New definition related to R101.2 exc.2, allowing Owner-occupied lodging houses	Delete definition	10/23 DELETE IN ACCORDANCE WITH ACTION ON ITEM #1-3
2-29	R202	R202	HOSPICE RESIDENCE	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-30	R202	R202	INSIGNIA OF APPROVAL	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-31	R202 (2009)	R202	LABELED	<b>IRC Language Modification</b> Definition appears to have been clarified		CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
2-32	R202 (2009)	R202	LISTED	<b>IRC Language Modification</b> Definition appears to have been clarified		CONSENT
2-32a		R202	LIVE/WORK UNIT	<b>New NYS Language Modification</b> Added NYS definition from 2012 IBC, with word "tenant" changed to "occupant." <i>"A dwelling unit or sleeping unit in which a significant portion of the space includes a nonresidential use that is operated by the occupant."</i>		9/25 APPROVED
2-33	R202 (2012)	R202	LODGING HOUSE	<b>New IRC Language</b> New definition Related to R101.2 exc.2, allowing Owner-occupied lodging houses	Delete definition	10/23 DELETE IN ACCORDANCE WITH ACTION ON ITEM #1-3
2-34	R202	R202	MANUFACTURED HOME	<b>NYS Language Modification</b> NYS definition modified		CONSENT
2-35	R202 (2009)	R202	NOSING	<b>New IRC Language</b> New definition		CONSENT
2-36	R202	R202	PLASTIC, THERMOSETTING	<b>NYS Language Modification</b> NYS definition, term doesn't appear anywhere else in code.	Delete definition	10/2 APPROVED DELETION
2-37	R202	R202	PREMISES	<b>NYS Language Modification</b> Added NYS definition		CONSENT
2-38	R202	R202	REGISTERED DESIGN PROFESSIONAL	<b>NYS Language Modification</b> NYS definition specific to State Ed. Law		CONSENT
2-39	R202	R202	REPAIR	<b>NYS Language Modification</b> NYS definition specific to Appendix J 10/3 NOTE: This definition is consistent with the definition in the EBCNYS	Continue modification	CONSENT
2-40	R202 (2009)	R202	RISER Definition #1	<b>New IRC Language</b> New definition		CONSENT
2-41	R202 (Year??)	R202	SKYLIGHT	<b>New IRC Language</b> New definition		CONSENT
2-42	R202	R202	SKYLIGHT AND SLOPED GLAZING	<b>NYS Language Modification</b> NYS relocated definition from Chapter 3 to Chapter 2 to maintain Code's format	Continue modification	CONSENT
2-43	R202	R202	SKYLIGHT UNIT	<b>NYS Language Modification</b> NYS relocated definition from Chapter 3 to Chapter 2 to maintain Code's format	Continue modification	CONSENT
2-44	R202	R202	SLEEPING AREA	<b>NYS Language Modification</b> NYS definition	Continue modification	CONSENT
2-45	R202	R202	SPECIAL FLOOD HAZARD AREA	<b>NYS Language Modification</b> Added NYS definition	Continue modification	CONSENT
2-46	R202 (2009)	R202	STAIR	<b>New IRC Language</b> New definition		CONSENT
2-47	R202 (2009)	R202	STAIRWAY	<b>New IRC Language</b> New definition		CONSENT
2-48	R202 (2009)	R202	STORY ABOVE GRADE PLANE	<b>IRC Language Modification</b> Definition appears to have been clarified		10/9 APPROVED

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
2-49	R202 (2012)	R202	STRUCTURAL COMPOSITE LUMBER	<b>New IRC Language</b> New definition		CONSENT
2-50	R202	R202	STRUCTURE	<b>NYS Language Modification</b> NYS definition: <i>"That which is built or constructed or a portion thereof."</i> IRC definition: <i>"That which is built or constructed."</i>	Delete NYS definition	10/9 APPROVED DELETION
2-51	R202 (2009)	R202	TERMITE-RESISTANT MATERIAL	<b>New IRC Language</b> New definition		CONSENT
2-52	R202 (2009)	R202	TOWNHOUSE	<b>IRC Language Modification</b> Definition appears to have been clarified		CONSENT
2-53	R202 (2012)	R202	WIND-BORNE DEBRIS REGION	<b>IRC Language Modification</b> Definition has been simplified, but may not have been clarified as Figure R302.1(4)C that it refers to is not particularly clear.	Modify for NYS by using Figure R302.1(4)C from the <i>Significant Changes to the International Residential Code 2012 Edition</i>	10/30 APPROVED MODIFICATION
2-54	R202	R202	WINDER	<b>NYS Language Modification</b> NYS definition: <i>"A tread with non-parallel edges, having a minimum tread depth of 6 inches at the narrowest point and 10 inches measured 12 inches horizontally from the narrowest point."</i> IRC definition: <i>"A tread with non-parallel edges."</i>	Delete NYS definition	10/2 APPROVED DELETION
2-55	R202 (2009)	R202	WOOD/PLASTIC COMPOSITE	<b>New IRC Language</b> New definition		CONSENT
<b>CHAPTER 3</b>						
3-1	R301.1.1 #3		Alternative provisions	<b>New IRC Language</b> New prescriptive standard for log structures: ICC-400		CONSENT
3-2	R301.2.1.1 (2012)	R301.2.1.1	Wind design criteria	<b>IRC Language Modification</b> Using new IRC figures (Figures R301.2(4)A, B and C), every region in NYS can use the structural provisions of the RC based on wind speed. The highest basic wind speed zone in NYS is now 100 mph.		CONSENT
3-3	R301.2.1.2 (2009)	R301.2.1.2	Protection of openings	<b>IRC Language Modification</b> Protection of openings, required in windborne debris regions (in NYS, within 1 mile of coast on LI), now includes garage door windows.		CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
3-4	R301.2.1.2 (2012)	R301.2.1.2	Protection of openings	<p><b>NYS Language Modification</b></p> <p>NYS: <i>Exterior glazing in buildings located in windborne debris regions shall be protected from windborne debris or the building shall be designed as a partially enclosed building in accordance with ASCE 7.</i></p> <p>IRC: <i>Exterior glazing in buildings located in windborne debris regions shall be protected from windborne debris.</i></p>	Approve continued modification	CONSENT
3-5	R301.2.1.5 (2009)		Topographic wind effects	<p><b>New IRC Language</b></p> <p>Buildings must be designed to withstand the effects of wind speedup caused by localized geographic conditions. Impact: According to commentary, this provision was written mainly for the Pacific Northwest, where there are dramatic changes in ground topography. Applicability in NYS would probably be limited.</p>		10/9 APPROVED
3-6	R301.2.2 (2009 & 2012)	R301.2.2	Seismic provisions	<p><b>IRC Language Modification</b></p> <p>Applicability of seismic provisions have been clarified</p>		10/9 APPROVED
3-7	Table R301.5 (2012)	Table R301.5	Minimum Uniformly Distributed Live Loads	<p><b>New IRC Language</b></p> <p>Includes Use/Live Load for Habitable Attics</p> <p><b>IRC Language Modification</b></p> <p>Balconies and Decks grouped together with same live load</p>	Take action consistent with Item #2-6	CONSENT
3-8	R302 (2009)	R302	Fire-resistant Construction (Was Exterior Wall Location)	<p><b>IRC Language Modification</b></p> <p>IRC reorganized so that all fire-resistance provisions are in one section (similar to Chapter 7 of BC).</p>		CONSENT
3-9	R302.1/ Table R302.1(2) (2012)	R302.1	Exterior Walls	<p><b>IRC Language Modification</b></p> <p>IRC includes provisions to reduce fire separation distance based on fire sprinkler installation</p>		CONSENT
3-10	R302.1 exc. 2 (2009)		Exterior walls	<p><b>New IRC Language</b></p> <p>Fire separation distance no longer has to be measured between dwellings and accessory structures (except for detached garages) located on the same lot. Impact: Will reduce NYS variance requests</p>		CONSENT
3-11	R302.2 Exc. (2009)	R317.2 exc.	Townhouses	<p><b>IRC Language Modification</b></p> <p>Common 2-hr fire-resistance-rated wall reduced to 1-hour based on RC requirement for sprinklers</p>		10/23 APPROVED
3-12	R302.3 (2012)	R317.1	Two-family dwellings	<p><b>NYS Language Modification</b></p> <p>Language requiring openings in fire-resistance-rated assemblies to be protected in NYS</p>	Continue modification	CONSENT
3-13	R302.5.1 (2012)	R309.1	Dwelling/ garage opening protection	<p><b>NYS Language Modification</b></p> <p>NYS has language requiring opening between house and garage to be fire-protection-rated assembly</p>	Continue modification	CONSENT
3-14	R302.6 (2012)	R309.2	Dwelling/ Garage fire separation	<p><b>NYS Language Modification</b></p> <p>NYS has language requiring ¾-hr fire-resistance-rated assembly between house and garage</p>	Continue modification	CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
3-15	R302.12.1 (2012)	R502.12.1	Draftstop-ping Materials	<b>New NYS Language Modification</b> Change language <b>From:</b> "Draftstopping shall be installed parallel to the floor framing members unless otherwise approved by the building official." <b>To:</b> "Draftstopping shall be installed parallel to the floor framing members unless otherwise approved."	Modify	CONSENT
3-16	R303.1 exc. 1 (2012)	R303.1 exc. 1	Habitable rooms	<b>NYS Language Modification</b> NYS has language disallowing the exception in owner-occupied, one-family dwellings that are not supplied with electrical power	Continue modification	CONSENT
3-17	R303.1 exc. 2 (2012)	R303.1 exc. 2	Habitable rooms	<b>NYS Language Modification</b> NYS has language disallowing the exception in owner-occupied, one-family dwellings that are not supplied with electrical power	Continue modification	CONSENT
3-18	R303.3 exc. (2012)	R303.3 exc.	Bathrooms	<b>NYS Language Modification</b> NYS has language disallowing the exception in owner-occupied, one-family dwellings that are not supplied with electrical power	Continue modification	CONSENT
3-19	R303.7 exc. (2012)	R303.6 exc.	Stairway illumination	<b>NYS Language Modification</b> NYS has exception for owner-occupied one-family dwellings not supplied with electrical power	Continue modification	CONSENT
3-20	R303.7 .1 exc. (2012)	R303.6.1 exc.	Light activation	<b>NYS Language Modification</b> NYS has exception for owner-occupied one-family dwellings not supplied with electrical power	Continue modification	CONSENT
3-21	R303.9 (2012)	R303.8	Required heating	<b>NYS Language Modification</b> NYS has language for: -calendar period when heat must be provided -an exception from heating facilities in owner-occupied one-family dwellings subject to the approval of the CEO	Continue modification	CONSENT
3-22	R306.1 (2012)	R306.1 exc.	Sanitation	<b>NYS Language Modification</b> NYS has an exception from toilet facilities in owner-occupied one-family dwellings subject to the approval of the CEO	Continue modification	CONSENT
3-23	R306.2 (2012)	R306.2 exc.	Sanitation	<b>NYS Language Modification</b> NYS has an exception from owner-occupied one-family dwellings having a kitchen sink subject to the approval of the CEO	Continue modification	CONSENT
3-24	R308.4 (2009 & 2012)	R308.4	Hazardous locations	<b>IRC Language Modification</b> IRC requirements for safety glazing in hazardous locations have been reorganized to be easier to use		CONSENT
3-25	R308.4.5	R308.4	Glazing and wet surfaces	<b>New IRC Language</b> Language consolidates and clarifies all provisions for glazing near tubs and pools		CONSENT
3-26	R308.6.1	R308.6.1	SKYLIGHT, UNIT	<b>NYS Language Modification</b> NYS included definition in Chapter 2 with other definitions to maintain uniformity	Continue modification	CONSENT
3-27	R308.6.1	R308.6.1	SKYLIGHTS AND SLOPED GLAZING	<b>NYS Language Modification</b> NYS included definition in Chapter 2 with other definitions to maintain uniformity	Continue modification	CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
3-28	R308.6.1 (2012)	R308.6.1	TUBULAR DAYLIGHT-ING DEVICE	<b>New IRC Language</b> New term to recognize new equipment	Continue modification	CONSENT
3-30	R309.1	R309.3	Floor Surface	<b>NYS Language Modification</b> NYS deleted the word "surface" IRC: Garage floor surfaces shall be of approved noncombustible material. NYS: Garage floors shall be of approved noncombustible material.	Continue modification	CONSENT
3-31	R309.3 cond. 2 (2009)	R309.3 cond. 2	Flood hazard areas	<b>IRC Language Modification</b> <b>From:</b> "...provided they are at or above grade <u>on all sides...</u> " <b>To:</b> "...provided they are at or above grade <u>on at least one side...</u> "		CONSENT
3-32	R309.5 (2012)		Fire sprinklers	<b>New IRC Language</b> New provision requiring sprinkler installations in attached garages based on the fire-resistance rating of wall assemblies and fire distance separations.	NYS deletion necessary without sprinkler requirement	TABLED – DEPENDS ON ACTIONS OF FIRE SPRINKLER TASK FORCE
3-33	R310.1 (2009 & 2012)	R310.1	Emergency escape and rescue openings (EEROs) required	<b>IRC Language Modification</b> Added requirement for EEROs in "habitable attics." Language clarified for where EEROs must open directly to.  <b>NYS Language Modification</b> NYS modified IRC language: <b>From:</b> Basements and every sleeping room shall have at least one openable emergency escape and rescue opening. <b>To:</b> Basements <u>with habitable space</u> and every sleeping room shall have at least one openable emergency escape and rescue opening.	Take action consistent with Item #2-6  Continue modification	DELETE LANGUAGE ON "HABITABLE ATTICS" IN ACCORDANCE WITH ITEM #2-6  CONSENT
3-34	R310.1 Exc.	R310.1	Emergency escape and rescue openings required	<b>NYS Language Modification</b> NYS deleted the IRC exception that allows basements < 200SF in area and having only mechanical equipment to not be provided with EEROs when it modified the language in Item #3-33.	Continue modification	CONSENT
3-35	R310.2.2 (2012)		Drainage	<b>New IRC Language</b> Requires window wells for EEROs to be provided with proper drainage		CONSENT
3-36	R311 (2009 & 2012)	R311	Means of Egress	<b>IRC Language Modifications</b> IRC requirements for means of egress have been reorganized to be easier to use and provisions have been clarified		CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
3-37	R311.2 (2009)	R311.4.2	Egress door	<p align="center"><b>IRC Language Modifications</b></p> Dimensions for the one required egress door have been decreased: <b>From:</b> "...not less than 3 feet in width and 6 feet 8 inches in height..." (36 inches x 80 inches) <b>To:</b> "...minimum clear width of 32 inches...minimum clear height of the door opening shall not be less than 78 inches..."		CONSENT
3-38	R311.3.1 exc. (2009)	R311.4.3 exc. 2	Floor elevations at the required egress doors	<p align="center"><b>NYS Language Modification</b></p> NYS modified IRC language to reflect the NYS maximum riser height modification of 8¼ inches.	Continue modification	10/23 APPROVED
3-39	R311.3.2 (2009)	R311.4.3 exc. 3	Floor elevations for other exterior doors	<p align="center"><b>NYS Language Modification</b></p> NYS modified IRC language to reflect the NYS maximum riser height modification of 8¼ inches.	Continue modification	10/23 APPROVED
3-40	R311.3.2 exc. (2009)	R311.4.3 exc. 1	Floor elevations for other exterior doors	<p align="center"><b>NYS Language Modification</b></p> NYS modified IRC language about where a landing is required: NYS: "Where a stairway of <u>three</u> or fewer risers is located ..." IRC: "...where a stairway of <u>two</u> or fewer risers is located..."	Continue modification	CONSENT
3-41	R311.4 (2009)		Vertical egress	<p align="center"><b>New IRC Language</b></p> New provision clearly requires that stairways or ramps be provided for egress from all habitable levels and basements	Approve NOTE: Remove language on "Habitable Attics"	CONSENT
3-42	R311.7.4 (2009)		Walkline	<p align="center"><b>New IRC Language</b></p> Clarifies tread depth requirement for winder treads		CONSENT
3-43	R311.7.5.1	R311.5.3.1	Riser height	<p align="center"><b>NYS Language Modification</b></p> NYS modified maximum riser height <b>From:</b> 7¾ inches <b>To:</b> 8¼ inches	Continue modification	10/23 APPROVED
3-44	R311.7.5.3	R311.5.3.2	Tread depth	<p align="center"><b>NYS Language Modification</b></p> NYS modified minimum tread depth <b>From:</b> 10 inches <b>To:</b> 9 inches	Continue modification	10/23 APPROVED
3-45	R311.7.6 (2012)	R311.5.4	Landings for stairways	<p align="center"><b>IRC Language Modification</b></p> Clarifies landing dimension requirements and landings that are not rectangles and squares		CONSENT
3-46	R311.7.7.1 exc. 1 & 2 (2009)	R311.6.3.1	Height	<p align="center"><b>New IRC Language</b></p> Two new exceptions clarify stairway handrail transition fittings can exceed maximum handrail height		CONSENT
3-47	R311.7.8.3, #1	R311.5.6.3, #1	Grip size	<p align="center"><b>IRC Language Modification</b></p> Clarifies Type I handrails must have rounded edges		CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
3-48	R312 (2009 & 2012)	R312	Guards and Window Fall Protection	<p align="center"><b>IRC Language Modifications</b></p> IRC requirements for guards have been reorganized  The provisions for window fall protection are now included here (from Chapter 6)	See Item #3-49 below	CONSENT
3-49	R312.2	R613	Window fall protection	<p align="center"><b>NYS Language Modification</b></p> NYS deleted requirements for fall protection	Continue modification	DELETE
3-50	R313 (2009)	R313.5	Automatic Fire Sprinkler Systems	<p align="center"><b>New IRC Language</b></p> Requires the installation of sprinkler systems in RC dwellings	Review (these provisions may be useful where sprinklers ARE required by the RCNYS)	TABLED - TO FIRE SPRINKLER TASK FORCE
3-51	R314.2 (2012)	R313.1	Smoke Alarms,	<p align="center"><b>New IRC Language</b></p> Requires household fire alarm systems to be owned by the homeowner and function/monitored per NFPA 72		CONSENT
3-52	R314.3.1 (2012)	313.2	Alterations, repairs and additions	<p align="center"><b>NYS Language Modification</b></p> NYS relocated provisions for smoke alarm installation in existing dwellings to Appendix J	Continue modification	CONSENT
3-53	R314.4 (2012)	R313.1.2	Power source	<p align="center"><b>NYS Language Modification</b></p> NYS language includes "...on-site electrical power..." and reference to Appendix J.	Continue modification w/changes by G. Moniz	10/23 APPROVED
3-54	R314.5 (2012)	R313.1.1 and exc.	Interconnection	<p align="center"><b>IRC Language Modification</b></p> New section just for interconnection. Allows for wireless multiple-station smoke alarms  <p align="center"><b>NYS Language Modification</b></p> NYS exception from interconnection where battery operated alarms are permitted	Continue modification w/changes by G. Moniz	10/23 APPROVED
3-55		R313.3	Combination smoke and carbon monoxide alarms	<p align="center"><b>NYS Language Modification</b></p> NYS requirement for combination smoke and carbon monoxide alarms	Continue modification w/changes by G. Moniz (Ck. FCNYS Tech. Subcom. actions)	10/23 APPROVED
3-56	R315 (2009)	R313.4	Carbon monoxide alarms	<p align="center"><b>New IRC Language</b></p> Requires the installation of carbon monoxide alarms  <p align="center"><b>NYS Language Modification</b></p> NYS added provisions for carbon monoxide alarms before required in IRC	Continue modification w/changes by G. Moniz (Ck. FCNYS Tech. Subcom. actions)	10/23 APPROVED

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
3-57		R313.5	Automatic Fire Sprinkler Systems	<b>NYS Language Modification</b> NYS requirement for sprinklers in dwellings three stories above grade	Continue modification	CONSENT
3-58	R316.5.11		Sill plates and headers	<b>NYS Language Modification</b> NYS deleted allowance for foam plastic spray applied to sill plate and headers without a thermal barrier	Continue modification	CONSENT
3-59	R316.6	R314.6	Specific approval	<b>NYS Language Modification</b> NYS modified language to limit methods to approve assemblies containing foam plastics	Continue modification	CONSENT
3-60	R317 (2009)	R319	Protection of Wood and Wood-Based Products Against Decay	<b>IRC Language Modification</b> Section now includes wood/plastic composites		CONSENT
3-61	R317.1 location 5 (2009)	R319.1 location 5	Protection of Wood and Wood-Based Products Against Decay	<b>IRC Language Modification</b> <b>From:</b> Wood siding, sheathing and wall framing on the exterior of a building having a clearance of less than 6 inches from the ground. <b>To:</b> Wood siding, sheathing and wall framing on the exterior of a building having a clearance of less than 6 inches from the ground or less than 2 inches measured vertically from <u>concrete steps, porch slabs, patio slabs, and similar horizontal surfaces exposed to the weather.</u>		CONSENT
3-62	R317.4 (2009)		Wood/plastic composites	<b>New IRC Language</b> New provisions for labeling of deck boards, stair treads, handrail and guardrail systems, and require installation per manufacturer's instructions	Approve	CONSENT -10/30
3-63	R319	R321	Site Address	<b>IRC Language Modification</b> Language contains the same dimension requirements for letter height and width as the BC and FC. Also requires means to identify structures down private roads.  (According to the commentary) Language has been rewritten to require that all RC buildings display site addresses.		CONSENT
3-64		R321.1 exc. 1	Premises identification	<b>NYS Language Modification</b> NYS added exception to recognize county-wide 911 systems	Continue modification (Ck. FCNYS Tech. Subcom. actions)	CONSENT
3-65	R322 (2009)	R324	Flood-resistant Construction	<b>IRC Language Modification</b> References to design and construction per the Building Code replaced throughout section with ASCE 24.  <b>NYS Language Modification</b> NYS added requirement for 2-foot freeboard	Continue modification	CONSENT
3-66	R323		Storm Shelters	<b>New IRC Language</b> Storm shelters (not required by Code), if constructed, must comply with ICC/NSSA-500	Approve	CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
<b>Chapter 4</b>						
4-1	R401.3 Exc. (2009)	R401.3 Exc.	Drainage	<b>IRC Language Modification</b> Language now requires that the determination of soil type be made from existing soil maps, test data records or other documentation.		CONSENT
4-2	R402.3 (2009)		Precast Concrete	<b>New IRC Language</b> New section addresses precast concrete foundation systems		CONSENT
4-3	R403.1.3.2 (2009)	R403.1.3.2	Slabs-on-ground with turned-down footings.	<b>IRC Language Modification</b> Added requirement for size and placement of vertical dowels when the slab is not cast monolithically with the footing (isn't this the premise of the provision?)		CONSENT
4-4	Figure R403.1.3.2 (2009)		Dowels for Slabs-On-Ground with Turned-Down Footings	<b>New IRC Figure</b> New figure to illustrate vertical dowel placement required by section R403.1.3.2 when the slab is not cast monolithically with the footing		CONSENT
4-5	R403.1.6 (2009)	R403.1.6	Foundation Anchorage	<b>IRC Language Modification</b> Requirements for foundations anchorage have been rearranged and clarified. Section now only allows anchorage into concrete or grouted cells of CMUs (no brick or solid CMU).	Modify for NYS by -deleting 2012 IRC Section R403.1.6 retaining current 2010 RCNYS Section R403.1.6	CONSENT
4-6	Figure R403.3 (1) (2009)	Figure R403.3(1)	Insulation Placement for Frost-protected in Heated Buildings	<b>IRC Figure Modification</b> Insulation detail portion of figure now specifies minimum footing depth "D" in Table R403.3 (1)		CONSENT
4-7	Table R403.3 (1) (2009)	Table R403.3 (1)	Minimum Footing Depth and Insulation Requirements for Frost-protected Footings in Heated Buildings	<b>IRC Table Modification</b> New column on table specifies "D" dimension for depth of cover for horizontal insulation based on Air Freezing Index		CONSENT
4-8	Table R403.3(2) (2009)		Air Freezing Index for US Locations by County	<b>New IRC Table</b> New table gives on air freezing index for each county of each state, making Figure R403.3(2), which is unreadable (but has been left in?), unnecessary.  <b>NYS Figure Modification</b> Figure R403.3(2) deleted in the RCNYS because it was unreadable. It was replaced with NYS-created Table R403.3(1)	-Delete Figure R403.3(2) -Delete NYS modification - Table R403.3(1) -Accept new IRC Table R403.3(2)	CONSENT
4-9	R403.4 (2009)		Footings for Precast Concrete Foundations	<b>New IRC Language</b> New provisions for crushed stone and concrete footings for precast concrete foundations		CONSENT

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
4-10	Figure R403.4(1) (2009)		Basement or Crawl Space with Precast Foundation Wall Bearing on Crushed Stone	<b>New IRC Figure</b> New figure to illustrate details for precast concrete foundations on crushed stone for footings		CONSENT
4-11	Figure R403.4(2) (2009)		Basement or Crawl Space with Precast Foundation Wall on Spread Footing	<b>New IRC Figure</b> New figure to illustrate details for precast concrete foundations on spread footings		CONSENT
4-12	Table R403.4 (2009)		Minimum Depth of Crushed Stone Footings (D)	<b>New IRC Table</b> New table specifies the depth "D" of crushed stone in Figure R403.4(1) for precast concrete foundations on crushed stone for footings based on height of structure above, soil-bearing capacity and wall width.		CONSENT
4-13	R404.1 (2009)	R404.1	Foundation and Retaining Walls	<b>IRC Language Modifications</b> Requirements for concrete and masonry foundations have been separated and reorganized. Masonry provisions remain the same. Concrete provisions have been revised - many of these provisions were only applicable to ICF foundations, now they are applicable to all concrete foundation walls.	Modify for NYS by -deleting 2012 Section R404.1 -retaining 2010 RCNYS Section R404.1	10/30 APPROVED
4-14	R404.1.2 (2009)	R404.1.2	Concrete Foundation Walls	<b>New NYS Language Modification</b> Language <i>"When ACI 318... or the provisions of ... are used to design ... foundation walls, project drawings, typical details and specifications are not required to bear the seal of the architect or engineer responsible for the design, unless otherwise required by the state law of the jurisdiction having authority."</i> This language has appeared in the RCNYS since 2002 and has been overlooked. Apparently its presence hasn't caused any significant problems		
4-15	R404.1.2.2 (2009)		Reinforcement for (concrete) foundation walls	<b>New IRC Language</b> Horizontal reinforcement required in ALL concrete foundation walls in accordance with new Table R404.1.2(1)		
4-16	Table R404.1.2(1) (2009)		Minimum Horizontal Reinforcement for Concrete Basement Walls	<b>New IRC Table</b> Specifies horizontal reinforcement based on unsupported height of ALL concrete basement wall		
4-17	R404.1.2.3.1 (2009)		Compressive strength (concrete)	<b>New IRC Language</b> Specifies minimum compressive strength of concrete based on Seismic Design Category		
4-18	R404.1.2.3.2 (2009)		Concrete mixing and delivery	<b>New IRC Language</b> Specifies compliance with ASTM C 94 or ASTM C 685.		
4-19	R404.1.2.3.3 (2009)		Maximum Aggregate Size	<b>New IRC Language</b> Specifies maximum aggregate size based on form size and reinforcing bar distances.		

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
4-20	R404.1.2.3.4 (2009)		Proportioning and slump of concrete	<b>New IRC Language</b> Specifies maximum slump of 6", with an exception.		
4-21	R404.1.2.3.5 (2009)		Consolidation of concrete	<b>New IRC Language</b> General language for consolidation in forms, with exception.		
4-22	R404.1.2.3.6 (2009)		Form materials and form ties	<b>New IRC Language</b> General language for materials to be used as form ties and resistance to forces created by poured concrete		
4-23	R404.1.2.3.6.1.3 (2009)		Exterior wall covering	<b>New IRC Language</b> Stay-in-place forms exposed above grade must be protected.		
4-24	R404.1.2.3.7		Reinforcement	<b>New IRC Language</b> Provisions address details for reinforcing steel, including steel type, location in wall, wall openings, support and cover, lap splices, standard hooks, and construction joint reinforcement. Many of these provisions were only applicable to ICF foundations, now they are applicable to all reinforcing steel, where it is required.		
4-25	R404.1.2.3.8 (2009)		Exterior wall coverings	<b>New IRC Language</b> General language for materials to be used as form ties and resistance to forces created by poured concrete		
4-26	Tables R404.1.2(2) - (7) (2009)	Tables R404.4 (1) - (5)	Minimum Vertical Reinforcement for Flat /Waffle-Grid/Screen-grid Concrete Basement Walls	<b>IRC Table Modifications</b> Some ICF wall tables have been combined; some values for minimum vertical reinforcement size and placement have been changed to be more or less restrictive.  <b>New NYS Language Modification</b> Because it is not clear in the citing text or in the title of tables R404.1.2(2), (3) and (4) that they are for ICF foundations, NYS may want to consider modifying the table titles to include "ICF": <b>From:</b> <i>Minimum Vertical Reinforcement for 6-inch Nominal Flat Concrete Basement Walls</i> <b>To:</b> <i>Minimum Vertical Reinforcement for 6-inch Nominal Flat ICF Concrete Basement Walls</i>		
4-27	Table R404.1.2(8) (2009)	Table R404.1.1 (5)	Minimum Vertical Reinforcement for 6-, 8-, 10-inch and 12-inch Nominal Flat Basement Walls	<b>IRC Table Modifications</b> Wall thicknesses have been rounded up (as indicated by "nominal"), abbreviation PC (plain concrete) replaced with NR (not required), size/spacing of rebar appear to be the same The similarity of the title of this table to those of Tables R404.1.2(2) - (4) reinforces why the modification proposed in item #4-26 should be considered.		
4-28	Table R404.1.2(9) (2009)		Minimum Spacing for Alternate Bar Size and/or Alternate Grade of Steel	<b>New IRC Table</b> New table gives alternative reinforcing sizes and spacing based on what was required by tables cited in Section R404.1.2.2.		

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
4-29	R404.1.5.2 (2009)		Concrete wall thickness	<b>New IRC Language</b> New provisions for the thickness of concrete walls (separate from masonry provisions) based on the thickness of what is being supported and the determination of the placement of reinforcing.		
4-30	R404.1.9 (2012)		Isolated masonry piers	<b>New IRC Language</b> New prescriptive provisions for masonry piers		
4-31	R404.5 (2009)		Precast concrete foundation walls	<b>New IRC Language</b> New section addresses precast concrete foundations	Approve	CONSENT
4-32	R404.5.1 (2009)		Design	<b>New NYS Language Modification</b> The panel design drawings are required to be prepared by a design professional per Section R106.1.	Modify Section R106.1	CONSENT
4-33	R404.5.3 (2009)		Identification	<b>New IRC Language</b> Requires precast concrete foundation wall panels to be identified by a certificate of inspection label issued by third party inspection agency.		CONSENT
4-34	R405.1 (2012)	R405.1	Concrete or masonry foundations (Foundation drainage)	<b>IRC Language Modification</b> Requires perforated drains to be surrounded by filter membrane	Modify for NYS by -deleting 2012 Section R405.1 -retaining 2012 RCNYS Section R405.1.	CONSENT
4-35	R405.1.1 (2009)		Precast concrete foundation	<b>New IRC Language</b> Requires precast concrete foundation walls on crushed stone footings to be provided with foundation drainage	Approve	Approve, staff
4-36	R406.4 (2009)		Precast concrete foundation system damproofing	<b>New IRC Language</b> Requires precast concrete foundation walls enclosing habitable or usable spaces to be dampproofed (unless required to be waterproofed) and to have the joints sealed.	Approve	Approve, staff
4-37	R407.3 (2009)	R407.3	Structural requirements (Columns)	<b>IRC Language Modification</b> Steel columns must be Schedule 40 ASTM A 53 Grade B or approved.	Approve	Approve, staff
4-38	R408.1	R408.1	Ventilation (Under-floor space)	<b>IRC Language Modification</b> Allows a reduction in the amount of ventilation required in the space when a Class I vapor retarder material is used.	Approve	Approve, staff
<b>Chapter 5</b>						
5-1	R501.3 (2012)		Fire Protection of floors	<b>New IRC Language</b> Requires floor assemblies not otherwise required by the RC to be fire-resistance-rated to be protected on the underside with 1/2-inch gypsum board, 5/8-inch wood structural panel membrane, or equivalent. There are limited exceptions, such as sprinkler protection or the use of 2 x 10 or larger floor joists. This provision would require most new RC dwellings in NYS to be provided with "ceilings" in basements.	-Review -Approve or modify	Delete, 2 subcommittee members

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
5-2		All tables referring to spruce-pine-fir		<b>NYS Table Modifications</b> A footnote was added to all tables in the RCNYS to indicate that any reference to spruce-pine-fir means <u>North American spruce-pine-fir</u> only.	-Review -Approve continued modification or delete	+ Approve continued modification, committee member and staff
5-3	R505 (2009)	R505	Steel floor framing	<b>IRC Language Modifications/New Tables and Figures</b> Section has been revised to incorporate prescriptive provisions from new AISI S230-2007, which includes design allowances for three-story cold-formed steel framed RC structures.	-Review -Approve or modify	Approve, 1 member + staff
5-4	R507 (2012)	R502.2.2	Decks	<b>New IRC Language</b> New section contains prescriptive requirements for deck connections to dwellings. Also includes provisions for the use of wood/plastic composites in decks.	Approve	Approve - staff
<b>Chapter 6</b>						
6-1	R602.3	R602.3	Design and construction	<b>IRC Language Modification</b> New language for wood structural panel sheathing used for exterior walls requires the panels to be fastened to resist wind pressures as specified in new Table R602.3(3)	Approve	Approve - staff
6-2	Table R602.3(3)		Requirements for Wood Structural Panel Wall Sheathing Used to Resist Wind Pressures	<b>New IRC Table</b> New table specifies attachment details for wood structural panel sheathing used for exterior walls to resist wind pressures		Approve - staff
6-3	Table R602.3(1) (2009)	Table R602.3(1)	Fastener Schedule for Structural Members	<b>IRC Table Modifications</b> Table reorganized into building components and updated to meet industry and manufacturer's recommendations/standards	Approve	Approve - staff
6-4	Table R602.3(1) (2012) items #5 & 8	Table R602.3(1)	Fastener Schedule for Structural Members	<b>IRC Table Modifications</b> #5 includes nailing roof trusses to top plate #8 a new row for nailing studs at all corners (This table entry is supposed to replace the deleted Figure R602.10.5 "Typical Exterior Corner Framing for Continuous Structural Panel Sheathing Showing Required Stud-to-Stud Nailing")	Approve	Approve - staff
6-5	Table R602.3(5)		Size, Height and Spacing of Wood Studs	<b>New IRC Table</b> New table addresses studs sizes for dwellings with habitable attics	Take action consistent with Item #2-6	Delete per 2-6

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
6-6	R602.6.1 (2009)	R602.6.1	Drilling and notching of top plate	<p><b>IRC Language Modification</b> The nail size and number has been reduced from eight 16d nails to four 10d nails 1½-inches long in response to concerns of excessive damage to the top plate. The specified nails are not 10d common nails, which are 3” long, these nails are typically used to hang joists and have the same diameter as 10d commons.</p> <p><b>NYS Language Modification</b> Number of nails specified in provision reduced by NYS because, given the size of the nails, it was felt they were detrimental to the structural integrity of top plate <b>From:</b> “...shall be fastened to each side of the opening with not less than <u>eight</u> 16d nails at each side or equivalent.”: <b>To:</b> “...shall be fastened to each side of the opening with not less than <u>four</u> 16d nails at each side or equivalent.”</p>	-Review -Approve continued modification or accept new IRC requirement	Approve as in IRC, 2 members. KE recommended adding the phrase “..or as per manufacturer’s specifications.”
6-7	R602.7.1		Single member headers	<p><b>New IRC Language</b> New provision with table and figures for single member headers over limited size openings with roof/ceiling dead load and ground snow load limitations.</p>	Approve	+ Approve, staff
6-8	Table R602.7.1		Spans for Minimum No. 32 Grade Single Header	<p><b>New IRC Table</b> This new table may require modification since a footnote was added to all tables in the RCNYS to indicate that any reference to spruce-pine-fir means <u>North American</u> spruce-pine-fir only.</p>	-Review -Modify or leave unmodified	+ Modify, 2 members & staff
6-9	R602.10 (2009 & 2012)	R602.10	Wall bracing	<p><b>IRC Language Modification</b> <b>EXTENSIVE CHANGES</b> <b>(See attached comparison chart for location of Wall Bracing Information in 2010 RCNYS, 2009 IRC and 2012 IRC)</b> 2009 IRC revised wall bracing provisions for technical accuracy and clarity. 2012 IRC reorganized wall bracing provisions.</p>	Approve	Approve, staff
6-10	R602.11 (2009)	R602.11	Wall Anchorage	<p><b>IRC Language Modification</b> Section now only applies to anchorage of braced wall lines to masonry and concrete foundations.</p>	Approve	Approve, staff
6-11	R602.12 (2012)		Simplified wall bracing	<p><b>New IRC Language</b> Provisions previously found in Section R602.12 relocated. New Section R602.12 contains alternative compliance method for braced wall lines for one- and two family dwelling in SDC A, B and C and townhouses in SDC A and B; limited to use for construction sites with basic wind speed of 90 mph and Wind Exposure Category A or B</p>	Approve	Approve, staff
6-12	R603 (2009)	R603	Steel wall framing	<p><b>IRC Language Modifications/New Tables and Figures</b> <b>EXTENSIVE CHANGES</b> Section has been revised to incorporate prescriptive provisions from new AISI S230-2007, which includes design allowances for three-story cold-formed steel framed RC structures.</p>	-Review -Approve or modify	Approve, staff

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
6-13		R606.1.1	Professional registration not required	<b>New NYS Language Modification</b> See item #4-14 for explanation of modification Language: "...are not required to bear the seal of the architect or engineer responsible for the design, unless otherwise required by the state law of the jurisdiction having authority."	Review -Modify or leave unmodified	delete – also delete existing 606.1.1 (Roy Scott)
6-14	R606.12.2.1 (2009)		Minimum length of wall without openings	<b>New IRC Language</b> New prescriptive requirements for minimum length of masonry walls to provide bracing	Approve	Approve, staff
6-15	Table R606.12.2.1		Minimum solid wall length along exterior wall lines	<b>New IRC Table</b> Table accompanies Section R606.12.2.1	Approve	Approve, staff
6-16	R611 (2009)	R603	Exterior concrete wall construction	<b>IRC Language Modifications/New Tables and Figures EXTENSIVE CHANGES</b> Section has been revised to incorporate prescriptive provisions from new Portland Cement Association standard <i>Prescriptive Design of Exterior Concrete Walls for On- and Two-Family Dwellings</i> (PCA 100), and addresses both conventionally formed above-ground concrete walls and ICF walls.	Approve	Approve, staff
6-17	R613 (2009)		Structural insulated wall panel construction	<b>New IRC Language/Tables/Figures</b> New Section R613 contains prescriptive provisions for structural insulated panel (SIP) wall construction	Approve	Approve, staff
<b>Chapter 7</b>						
7-1	R702.2 (2009)	R702.2	Interior plaster	<b>IRC Language Modification</b> Section separated into requirements for gypsum plaster and cement plaster	Approve	Approve, staff
7-2	R702.7 (2012)	R318	Vapor Retarders	<b>IRC Code Modification</b> Provisions relocated from Chapter 3 to Chapter 7	Ck. with ECCCNYS Tech. Subcom.	PER ECCC tech subcommittee
7-3	R703.1.2 (2009)		Wind resistance (Exterior wall covering)	<b>New IRC Language</b> New requirement for wind resistance added to those for water resistance for exterior wall coverings	Approve	Approve, staff
7-4	R703.3.2 (2009)	R703.3.2	Horizontal siding	<b>IRC Language Modification</b> Requires installation in compliance with manufacturer's recommendations; where there are none, follow the RC.	Approve	Approve, staff
7-5	Table R703.4 (2009)	Table R703.4	Weather-resistant Siding Attachment and Minimum Thickness	<b>IRC Table Modification</b> Changes to table reflects: <ul style="list-style-type: none"> <li>• Wind resistance through fastener requirements</li> <li>• Requirement for water-resistive barrier behind masonry/concrete/stone veneers</li> <li>• Prohibition on stapling vinyl siding</li> </ul>	Approve	Approve, staff
7-6	R703.7.3 (2009 & 2012)	R703.7.3	Lintels	<b>New IRC Language/Table/Figure</b> Prescriptive requirements expanded for lintels in masonry veneers	Approve	Approve, staff
7-7	R703.7.4	R703.7.4	Anchorage	<b>New/Modified IRC Language</b> Prescriptive anchoring requirements expanded for masonry veneers	Approve	Approve, staff

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
7-8	Table R703.7.4		Anchorage	<b>New IRC Table</b> Table organizes the requirements for anchoring in Section R703.7.4 into a more user-friendly format	Approve	Approve, staff
7-9	R703.8	R703.8	Flashing	<b>New/Modified IRC Language</b> Prescriptive requirements expanded for flashing windows and doors where there are no manufacturer's installation instructions	Approve	Approve, staff
7-10	R703.11 (2009)	R703.11	Vinyl siding	<b>IRC Language Modification</b> Language expanded to address attachment of vinyl soffits, foam plastic backer board under vinyl siding, and prescriptive installation of siding in areas with basic wind speeds of 90 mph or less and Exposure Category B.	Approve	Approve, staff
7-11	R703.12 (2009 & 2012)		Adhered masonry veneer installation	<b>New IRC Language</b> New language for installation details of adhered masonry veneers	Approve	
<b>Chapter 8</b>						
8-1		All tables referring to spruce-pine-fir		<b>NYS Table Modifications</b> A footnote was added to all tables in the RCNYS to indicate that any reference to spruce-pine-fir means <u>North American</u> spruce-pine-fir only.	-Review -Approve continued modification or delete	† Approve continued modification per 5-2
8-2	R802.7.1	R802.7.1	Sawn lumber	<b>New IRC Language/Figures</b> New language for limiting depth of notching in cantilevered portions of rafters (depth of birdsmouth cut) and ceiling joist taper cuts	Approve	Approve, staff
8-3	R802.10.2	R802.10.2	Design	<b>NYS Language Modification</b> See item #4-14 for explanation of modification. <i>"...The truss design drawings shall be prepared by a registered professional where required by the statutes of the jurisdiction in which the project is to be constructed in accordance with Section R106.1."</i>	Review -Modify or leave unmodified	Leave unmodified, one member comment
8-4	R802.11	R802.11	Roof tie-down	<b>New/Modified IRC Language</b> Provisions separated into an allowance for conventional toe-nailed connection under limited conditions, or connection based on <ul style="list-style-type: none"> <li>• Truss design drawings</li> <li>• Table R802.11</li> <li>• Engineered design</li> </ul>	Approve	Approve, staff
8-5	Table R802.11	Table R802.11	Rafter or Truss Uplift Connection Forces From Wind (Pounds per Connection)	<b>IRC Table Modification</b> Table simplified to accompany modified Section R802.11 language	Approve	Approve, staff

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
8-6	R804 (2009)	R804	Steel roof framing	<b>IRC Language Modifications/New Tables and Figures EXTENSIVE CHANGES</b> Section has been revised to incorporate prescriptive provisions from new AISI S230-2007, which includes design allowances for three-story cold-formed steel framed RC structures.	-Review -Approve or modify	Approve, staff
8-7	R806 (2009 & 2012)	R806	Roof ventilation	<b>IRC Language Modifications</b> Provisions revised to address new insulating/ventilating materials, equipment, and assemblies and to clarify requirements	Approve	Approve, staff
8-8	R807	R807	Attic Access	<b>IRC Language Modifications</b> Language added on how to measure height above access and access through a wall.	Approve	Approve, staff
8-9	R302.13 (2009)	R808	Combustible insulation clearance	<b>IRC Code Modification</b> This is just an example of a newer practice by ICC where provisions are relocated, but because they are not deleted, there's no deletion arrow but no indication where they appear either...	NONE	Approve, staff
<b>Chapter 9</b>						
9-1	R902.1	R902.1	Roof covering materials	<b>IRC Language Modification</b> <i>"...Class A, B or C roofing shall be installed in areas designated by law as requiring their use or when the edge of the roof is less than 3 feet (914 mm) from a property line."</i>	Approve	Delete "...in areas designated by law" – 2 members
9-2	R903.2.1 (2012)	903.2.1	Location	<b>IRC Language Modifications</b> Requirements for flashing "kick-out" at eave added	Approve	Approve, staff
9-3	(2012)	903.5	Hail Exposure	<b>IRC Language Modification</b> Hail exposure requirements deleted. This has no impact on NYS as it was not in either a moderate or severe hail exposure zone	Approve	Approve, staff
9-4	R905.2.4.1 (2009)	R905.2.4.1	Wind resistance of asphalt shingles	<b>IRC Language Modifications</b> Provisions for wind resistance clarified	Approve	Approve, staff
9-5	R905.2.8.3 (2012)	R905.2.8.4	Sidewall flashing	<b>IRC Language Modifications</b> Prescriptive requirements for step flashing at sidewalls	Approve	Approve, staff
9-6	R905.2.8.5 (2012)		Drip edge	<b>New IRC Language</b> Drip edge required on asphalt shingle roofs	Approve	Approve, staff
9-7	R905.16 (2012)		Photovoltaic modules/shingle	<b>New IRC Language</b> New provisions for photovoltaic modules/shingle	Approve	Approve, staff
9-8	R907	R907 (2010)	Reroofing	<b>NYS Language Modification</b> Body of section deleted and replaced with reference to Appendix J. NOTE: new exception #4 to R907.3 of 2012 IRC needs to be addressed in Appendix J.	Approve continued modification	Approve, staff
<b>Chapter 10</b>						
10-1	R1001.8 (2009)	R1001.8	Smoke chamber	<b>IRC Language Modifications</b> Minimum dimensions for smoke chambers added	Approve	Approve, staff

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
10-2	R1003.9.1 (2012)		Chimney caps	<b>New IRC Language</b> Requires that masonry chimneys be provided with concrete, metal or stone caps	Approve	Approve, staff
10-3	R1003.9.3 (2012)		Rain caps	<b>New IRC Language</b> Specifies the net free area required under chimney rain caps when they are provided	Approve	Approve, staff
10-4	R1005.7 (2012)		Factory-built chimney offsets	<b>New IRC Language</b> Limits the angle and number of factory-built chimney offsets	Approve	Approve, staff
<i>Part VIII - Electrical</i>						
34-1	Chapters 34 - 43	Chapters 34 - 43	<i>Part VIII - Electrical</i>	<b>NYS Code Modification</b> 2010 RCNYS replaced 2006 IRC <i>Part VIII – Electrical</i> in its entirety with the 2009 IRC <i>Part VIII</i> so that the most current version of the NEC can be used/cited.	Approve continued modification in process	Approve, staff
Chapter 44						
Appendix E						
AE-1	Appendix E	Appendix E	Manufactured Housing Used as Dwellings	<b>NYS Code Modification</b> NYS has modified provisions throughout this mandatory appendix to reflect NYS rules, regulations and other code modifications	Approve continued modification	Modify per staff memo
Appendix F						
AF-1	Appendix F	Appendix F	Radon Control Methods	<b>NYS Code Modification</b> NYS has deleted this appendix	-Review -Approve continued modification or accept IRC requirement	Approve continued modification – 10/30
Appendix G						
AG-	AG101.2 (2009)		Pools in flood hazard areas	<b>New IRC Language</b> Requirements for pool installations in floodways to assess impact on flood levels.	Approve	Approve, staff
AG-	AG102	AG102	BARRIER PERMANENT	<b>NYS Language Modification</b> Definition was added to reflect the statutory requirement of Art.18 §378.14(c).	Approve continued modification	Approve continued modification, staff
AG-	AG102	AG102	BARRIER TEMPORARY	<b>NYS Language Modification</b> Definition was added to reflect the statutory requirement of Art.18 §378.14(c).	Approve continued modification	Approve continued modification, staff
AG-			SWIMMING POOL	<b>NYS Language Modification</b> Definition modified to address pools capable of holding MORE than 24" of water, but drained to a point where they held less – a technicality that exempted them from being classified as swimming pools and exempted them from barrier requirements.	Approve continued modification	Approve continued modification, staff
AG-	AG103.3 (2009)		Pools in flood hazard areas	<b>New IRC Language</b> Requirements for pool installations in flood hazard areas to be per ASCE 24	Approve	Approve, staff

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
AG-		AG105.2	Temporary barriers	<b>NYS Language Modification</b> New section requiring temporary barriers was added to reflect the statutory requirement of Art.18 §378.14(c). This modification requires the renumbering of subsequent sections of AG105.	Approve continued modification	Approve continued modification, staff
AG-	AG105.2 item 8	AG105.3 item 8	Outdoor swimming pool gates	<b>NYS Language Modification</b> Modification reflects the statutory requirement of Art.18 §378.14(a).	Approve continued modification	Approve continued modification, staff
AG-	AG105.2 item 9.2	AG105.3 item 9.2	Door alarms	<b>IRC Language Modification</b> <b>From:</b> "All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or..." <b>To:</b> "Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be listed and labeled in accordance with UL 2017. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or..."	-Review -Approve or modify	Approve, modify if needed to comply with statute - staff
AG-	AG106	AG106	Entrapment protection for swimming pool and spa suction outlets	<b>IRC Language Modification</b> Prescriptive requirements deleted; compliance is to be with ANSI/APSP-7.	-Review -Approve or modify	Approve, staff
AG-		AG107	Swimming pool and spa alarms	<b>NYS Language Modification</b> New section requiring pool alarms was added to reflect the statutory requirement of Art.18 §378.14(b). This modification requires the renumbering of subsequent sections of Appendix G.	Approve continued modification	Approve continued modification, staff
<b>Appendix J</b>						
AJ-1	Appendix J	Appendix J	Existing Buildings and structures	<b>NYS Code Modification</b> Appendix J in the RCNYS is entirely modified	Approve continued modification	Approve, coordinate with the EBC

Item No.	IRC Sect. (Edition)	RCNYS Sect.	Title	Summary	Action Required	Status
AJ-2	Appendix J	Appendix J	<b>SECTION 609 FUEL GAS 609.1 CSST.</b>	<b>New NYS Language Modification</b> New section to be added: <i>"Corrugated stainless steel tubing (CSST) gas piping systems that are extended or altered shall be bonded in conformance with Section G2411 of the Residential Code of New York State."</i>	Approve (This modification was proposed by the Plumbing / Mechanical/ Fuel Gas Sub. Comm.)	Modify in accordance with Fuel Gas Code
Appendix L						
AL-1	Appendix L	Appendix L	Permit Fees	<b>NYS Code Modification</b> NYS has deleted this appendix	Approve continued modification	Approve continued modification, staff
Appendix M						
AM-1	Appendix M	Appendix M	Home Day Care	<b>NYS Code Modification</b> NYS has deleted this appendix as it may conflict with OCFS regulations	Approve continued modification	Approve continued mandated modification, staff
Appendix Q						
AO-1	Appendix Q	Appendix Q	ICC International Residential Code Electrical Provisions/National Electrical Code Cross Reference	<b>NYS Code Modification</b> NYS deleted this appendix in the 2010 RCNYS because the 2009 IRC version was not made available (See item 34-1 for more info)	Approve continued modification	Approve per 34-1, staff