

Item No.	2006 IRC Sect.	RCNYS Sect.	Title	Summary	Action Required	Disagree	Status
Chapter 2							
2.1	R201.3		Terms defined in other Codes	Modified in RCNYS	NYS Modification	RS - Not in other NY codes	10/11 - Resolved
2.2	R202		"Accessory structure"	Limited to 3K SF and 2 stories max.	Approve		10/25 - 2006 IRC language approved Add IBC definition for floor area ¹
2.3	R202		"Addition"	Modified in RCNYS	NYS Modification	?KE	10/11 - Resolved
2.4	R202		"Alteration"	Modified in RCNYS	NYS Modification	RS - What is level 1 & 2?	10/11 - Resolved
2.5	R202		"Approved"	Modified in RCNYS	NYS Modification		Consent
2.6	R202		"Exterior wall"	Modified in RCNYS	NYS Modification	RS	10/11 - 2006 IRC language approved
2.7	R202		"Precast concrete"	R402.3 provision deleted in RNCYS	None	KE	10/11 - 2006 IRC language approved
Chapter 3							
3.1	R301.2.1.1		Design criteria	Decreased prescriptive Code provision use limitation to 100 mph in hurricane-prone regions	Approve	RS - Needs to be reviewed	10/25 - 2006 IRC language approved
3.2	F.R301.2(1)			Figure was removed in previous RCNYS version	NYS Modification	KE	11/1 - Resolved
3.3	F.R301.2(2)			Figures removed in RCNYS Pg. 30-31 Figure (applicable to NYS) much improved	NYS Modification	KE	11/1 - Resolved
3.4	F.R301.2(4)			Figures removed in previous RCNYS version Pg. 36 Figure (applicable to NYS) was retained	NYS Modification	KE	11/1 - Resolved
3.5	F.R301.2(5)			Figure replaced with NYS-specific figure	NYS Modification	KE	11/1 - Resolved
3.6	F.R301.2(7)			Figure was relocated to near T.R301.2(2) in RCNYS	NYS Modification	KE	11/1 - Resolved
3.7	R301.2.1.2		Protection of openings	Allowance to design bldg as "partially enclosed" in lieu of protecting openings removed Wood panel opening protection more specific/restrictive	Approve Approve	RS - Needs to be reviewed	11/1 - NYS modification approved ² Consent

Item No.	2006 IRC Sect.	RCNYS Sect.	Title	Summary	Action Required	Disagree	Status
3.8	R302.1 & T.R302.1		Exterior wall location	Fire separation distance requirements increased Exception 1 deleted in RCNYS	Approve NYS Modification	RS	Consent 10/11 - 2006 IRC language approved
3.8.1	R303.1 exc.	R303.1 exc 1	Habitable rooms	Modified in RCNYS to not permit exception where no electrical power. Incorrect section (RE3301.5) cited.	Correction needed (RE3301.4) to NYS modification		Consent
3.8.2		R303.1 exc 2	Habitable rooms	Modified in RCNYS to not permit exception where no electrical power. Incorrect section (RE3301.5) cited.	Correction needed (RE3301.4) to NYS modification		Consent
3.8.3	R303.3 exc.		Bathrooms	Modified in RCNYS to not permit exception where no electrical power. Incorrect section (RE3301.5) cited.	Correction needed (RE3301.4) to NYS modification		Consent
3.9	R303.6	R303.6 exc 2	Stairway illumination	2 nd exception for owner-occupied added in RCNYS. Incorrect section (RE3301.5) cited.	Correction needed (RE3301.4) to NYS modification		Consent
3.10	R303.6.1		Light activation	2 nd exception for owner-occupied added in RCNYS. Incorrect section (RE3301.5) cited.	Correction needed (RE3301.4) to NYS modification		Consent
3.11	R303.8		Required heating	Exception for owner-occupied added in RCNYS	NYS Modification		Consent
3.12	R305.1 exceptions		Ceiling height	Modified in RCNYS	NYS Modification	KE	10/11 - 2006 IRC language approved
3.13	R309.2		Separations required	Modified in RCNYS	NYS Modification	RS - Not needed	10/11 - NYS modification approved
3.14	R310.1		Emergency escape and rescue req'd	All basements now required to have emergency escape and rescue openings		RS - Remove from NYS	10/11 - NYS modification approved ³
3.15	R310.5		Emergency escape windows under decks	Allows emergency escape and rescue openings under decks and porches with conditions	Approve		Consent
3.16	R311.4.3		Landings at doors	Modified in RCNYS	NYS Modification	RS - Need to change to 8¼ in two places. Also change from 2 risers to 3 risers max in a garage	11/1 - NYS modification approved ⁴
3.17	R311.5.3.1		Riser height	Modified in RCNYS	NYS Modification		Consent
3.18	R311.5.3.2		Tread depth	Modified in RCNYS	NYS Modification		Consent

Item No.	2006 IRC Sect.	RCNYS Sect.	Title	Summary	Action Required	Disagree	Status
3.19	R313		Smoke alarms	Entire section modified in RCNYS to include carbon monoxide alarms and sprinklers	NYS Modification	?RS	11/1 - Resolved
3.20	R314		Foam plastic	Entire section extensively rewritten	Approve	KE - Accept 2006	Consent
3.21	R323		Elevators and platform lifts	New section requires where provided, elevators and lifts comply with ASME A17.1 and A18.1. Where part of accessible route, comply with Ch.11 of IBC and ICC/ANSI A117.1.	Approve		Consent
3.22	R324		Flood-resistant construction	Provisions extensively rewritten Entire section modified in RCNYS	 NYS Modification	?RS	11/1 - Resolved Consent
Chapter 4							
4.1	R402.1.2		Wood treatment	Minor modification in RCNYS	NYS Modification		Consent
4.2	R402.3		Precast concrete	Deleted in RCNYS	NYS Modification		Consent
4.3	R403.1.4.1 exc. 3		Frost protection (decks)	Modified in RCNYS	NYS Modification		Consent
4.4	R403.1.5		Slope (stepped footings)	Modified in RCNYS, and NYS's F.R403.1.5 added	NYS Modification	KE -This one why?	11/1 - 2006 IRC language approved
4.5	F.R403.3(2)		Air-freezing index	Figure deleted and NYS specific Table R403.3(1) added in RCNYS modification	RCNYS Modification		Consent
4.6	F.R403.3(3)		Insulation placement for frost-protected footings	Figure's "Insulation Detail" modified in RCNYS	RCNYS Modification		Consent
4.65	R404.1		Foundation and Retaining Walls	Largely rewritten the entire section, in particular table R404.1(2) requires extreme anchor bolt spacing. Note this section has been significantly modified in the IRC supplement.	Modify or remove from NYS code. Note ACI 332 is a good requirement.	RS	11/8 - NYS modification approved ⁵
4.7	R404.2.1		Identification (wood foundation walls)	Modified in RCNYS with exception for unmarked structural lumber	NYS Modification		Consent

Item No.	2006 IRC Sect.	RCNYS Sect.	Title	Summary	Action Required	Disagree	Status
4.8	R404.5		Retaining walls	New requirements for retaining walls not laterally supported at top and retaining > 24" unbalanced fill	Approve	RS - Change to 48"	11/1 - NYS modification approved ⁶
Chapter 5							
5.1	R502.1		Identification (wood floor framing)	Modified in RCNYS with exception for unmarked structural lumber	NYS Modification		Consent
5.2	R506.2.4		Reinforcement support (concrete floors)	New section requires support of reinforcement to maintain proper location in slab	Approve	RS - Rebar should be lower	11/1 - Resolved
Chapter 6							
6.1	R602.1		Identification (wood wall framing)	Modified in RCNYS with exception for unmarked structural lumber	NYS Modification		Consent
6.2	R602.3.1 exc.1		Stud size, height and spacing	1 st exception allowing the use of utility grade studs deleted in RCNYS	NYS Modification		Consent
6.3	R602.6.1		Drilling and notching of top plate	Modified in RCNYS	NYS Modification		Consent
6.4	R602.9		Cripple walls	Modified in RCNYS	NYS Modification		Consent
6.5	Table R602.10.1		Wall bracing	Modified in RCNYS	NYS Modification		Consent
6.6	R602.10.2.1		Seismic design categories other than D ₁ (Cripple wall bracing)	Modified in RCNYS	NYS Modification		Consent
6.7	R602.10.2.2		Seismic Design Category D ₂ (Cripple wall bracing)	Deleted in RCNYS	NYS Modification		Consent
6.8	R602.10.2.3		Redesignation of cripple walls	Deleted in RCNYS	NYS Modification		Consent
6.9	R602.11.3 item 3		Stepped foundations	Deleted in RCNYS	NYS Modification		Consent

Item No.	2006 IRC Sect.	RCNYS Sect.	Title	Summary	Action Required	Disagree	Status
6.10	R613.2		Window sills	Requires minimum 24" sill height where distance to grade > 72" with some allowances and exceptions		RS - Remove from NYS	11/1 - NYS modification to delete section in its entirety approved ⁷
Chapter 8							
8.1		R801.4	Loads (General)	Section added in RCNYS	NYS Modification		Consent
8.2	R802.1		Identification (wood roof framing)	Modified in RCNYS with exception for unmarked structural lumber	NYS Modification		Consent
8.3	R802.2		Design and construction (wood roof framing)	Modified in RCNYS	NYS Modification		Consent
8.4		R802.4.1	Attics without storage (Allowable ceiling joist spans)	Section added in RCNYS	NYS Modification		Consent
8.5		R802.4.2	Attics with storage (Allowable ceiling joist spans)	Section added in RCNYS	NYS Modification		Consent
8.6	R802.5		Allowable rafter spans	Modified in RCNYS	NYS Modification		Consent
8.7	Table R802.4(1)		Ceiling joist spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.8	Table R802.4(2)		Ceiling joist spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.9	Table R802.5.1(1)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.10	Table R802.5.1(2)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent

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8.11	Table R802.5.1(3)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.12	Table R802.5.1(4)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.13	Table R802.5.1(5)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.14	Table R802.5.1(6)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.15	Table R802.5.1(7)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.16	Table R802.5.1(8)		Rafter spans for common lumber species	Modified in RCNYS	NYS Modification		Consent
8.17	R802.10.5		Truss to wall connection	Modified in RCNYS	NYS Modification		Consent
8.18		R802.10.6	Truss live loads for attics with storage	Section added in RCNYS	NYS Modification		Consent
8.19		R802.10.7	Truss live loads for attics without storage	Section added in RCNYS	NYS Modification		Consent
8.20	R802.11.1		Uplift resistance (roof tie-down)	Modified in RCNYS	NYS Modification		Consent
8.21	R806.4		Conditioned attic assemblies (roof ventilation)	Allows unvented conditioned attic assemblies under listed conditions	Approve		Consent
Chapter 29							
29.1	RP2901.1	RP2901.1 exc		Exception for owner-occupied omitted in RCNYS	Correction needed to NYS Modification ⁸		Consent

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Part VIII Chapters 33 - 42							
33.1			Electrical	(Chapters 33 through 42) is produced and copyrighted by the National Fire Protection Association (NFPA) and is based on the 2005 National Electrical Code® (NEC®) (NFPA 70-2005), copyright 2005 National Fire Protection Association.		GM - Remove Part VIII from NYS	10/25 - NYS modification to reserve Part VIII and reference NFPA 70 - 2008 approved
Chapter 35							
35.1	RE3501.2		Number of services	Allows only 1 electrical service in two-family dwellings		RS - Remove from NYS	No action necessary - see Item 33.1
Appendix E - Manufactured Housing Used as Dwellings							
E.1	RAE102.2 item 3		Additions, alterations or repairs	Modified in RCNYS	NYS Modification		Consent
E.2	RAE102.4		Existing occupancy	Modified in RCNYS	NYS Modification		Consent
E.3	RAE201		"Manufactured Home"	Modified in RCNYS	NYS Modification		Consent
E.4	RAE201		"Mobile Home"	Modified in RCNYS	NYS Modification		Consent
E.5	RAE301-RAE307		Varies	Modified in RCNYS	NYS Modification		Consent
E.6	RAE402		Location on property	Modified in RCNYS	NYS Modification		Consent
E.7	RAE502.2		Soil classification	Modified in RCNYS	NYS Modification		Consent
E.8	RAE502.3 2 nd paragraph		Footings and foundations	Modified in RCNYS	NYS Modification		
Appendix F - Radon Control Methods							
F.1					Reserved in NYS		Consent
Appendix G - Swimming Pools, Spas and Hot Tubs							
G.1	RAG102		"Swimming Pool"	Modified in RCNYS	NYS Modification		Consent
G.2	RAG105.2 item 9.3		Outdoor swimming pool	Modified in RCNYS	NYS Modification		Consent

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G.3	RAG108		ASME A112.19.17	Modified in RCNYS	NYS Modification		Consent
Appendix H - Patio Covers							
H.1							Consent
Appendix I - Private Sewage Disposal							
I.1					Reserved in NYS		Consent
Appendix J - Existing Buildings and Structures							
J.1				Replaced entire appendix	NYS Modification		Consent
Appendix K - Sound Transmission							
K.1					Informative inclusion only in NYS		Consent
Appendix L - Permit Fees							
L.1					Reserve		Consent
Appendix M - Home Day Care R-3 Occupancy							
M.1					Reserve		Consent
Appendix P Sprinkling							
P.1	AP101		Fire sprinklers	Requires that an approved automatic fire sprinkler system be installed in new one- and two-family dwellings and townhouses in accordance with Section 903.3.1 of the International Building Code.	The provisions contained in this appendix are not mandatory unless specifically adopted.	JW - Adopt appendix	11-8 NYS modification to delete (reserve) Appendix P in its entirety approved
Appendix Q - ICC International Residential Electrical Provisions/National Electrical Code Cross Reference							
Q.1					Informative inclusion only in NYS		Reserve - see Item 33.1

- FLOOR AREA, GROSS.** The floor area within the inside perimeter of the exterior walls of the building under consideration, exclusive of vent shafts and courts, without deduction for corridors, stairways, closets, the thickness of interior walls, columns or other features. The floor area of a building, or portion thereof, not provided with surrounding exterior walls shall be the usable area under the horizontal projection of the roof or floor above. The gross floor area shall not include shafts with no openings or interior courts.
- R301.2.1.2 Protection of openings.** Windows in buildings located in windborne debris regions shall have glazed openings protected from windborne debris or the building shall be designed as a partially enclosed building in accordance with ASCE 7. Glazed opening protection for windborne debris shall meet the requirements of the Large Missile Test of an approved impact resisting standard or ASTM E 1996 and ASTM E 1886 referenced therein.

3. **R310.1 Emergency escape and rescue required.** Basements with habitable space and every sleeping room shall have at least one operable emergency and rescue opening. . .
4. R311.4.3 exception 1. Where a stairway of ~~three~~ two or fewer risers is located on the exterior side of a door, other than the required exit door, a landing is not required for the exterior side of the door provided the door, other than an exterior storm or screen door does not swing over the stairway.
5. Delete Tables R404.1(1), R404.1(2), R404.1(3), delete text as follows:

R404.1 Concrete and masonry foundation walls. Concrete and masonry foundation walls shall be selected and constructed in accordance with the provisions of Section R404 or in accordance with ACI 318, ACI 332, NCMATR68–A or ACI 530/ASCE 5/TMS 402 or other approved structural standards. When ACI 318, ACI 332 or ACI 530/ASCE 5/TMS 402 or the provisions of Section R404 are used to design concrete or masonry foundation walls, project drawings, typical details and specifications are not required to bear the seal of the architect or engineer responsible for design, unless otherwise required by the state law of the jurisdiction having authority.

Foundation walls that meet all of the following shall be considered laterally supported:

1. ~~Full basement floor shall be 3.5 inches (89 mm) thick concrete slab poured tight against the bottom of the foundation wall.~~
2. ~~Floor joists and blocking shall be connected to the sill plate at the top of wall by the prescriptive method called out in Table R404.1(1), or; shall be connected with an approved connector with listed capacity meeting Table R404.1(1).~~
3. ~~Bolt spacing for the sill plate shall be no greater than per Table R404.1(2).~~
4. ~~Floor shall be blocked perpendicular to the floor joists. Blocking shall be full depth within two joist spaces of the foundation wall, and be flat blocked with minimum 2-inch by 4-inch (51mm by 102mm) blocking elsewhere.~~
5. ~~Where foundation walls support unbalanced load on opposite sides of the building, such as a daylight basement, the building aspect ratio, L/W, shall not exceed the value specified in Table R404.1(3). For such foundation walls, the rim board shall be attached to the sill with a 20-gage metal angle clip at 24 inches (610 mm) on center, with five 8d nails per leg, or an approved connector supplying 230 pounds per linear foot (3.36 kN/m) capacity.~~

6. **R404.5 Retaining walls.** Retaining walls that are not laterally supported at the top and that retain in excess of ~~48~~ 24 inches (~~1220~~ 610mm) of unbalanced fill shall be designed to ensure stability against overturning, sliding, excessive foundation pressure and water uplift. Retaining walls shall be designed for a safety factor of 1.5 against lateral sliding and overturning.
7. **~~R613.2~~ Window sills.** In dwelling units, where the opening of an operable window is located more than 72 inches (1829 mm) above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches (610 mm) above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches (610 mm) shall be fixed or have openings through which a 4-inch diameter (102 mm) sphere cannot pass.
 Exceptions:
 1. ~~Windows whose openings will not allow a 4-inch diameter (102 mm) sphere to pass through the opening when the opening is in its largest opened position.~~
 2. ~~Openings that are provided with window guards that comply with ASTM F 2006 or F 2090.~~
8. Section P2901.1 exception: Owner-occupied one family dwellings subject to the approval of the code enforcement official.
9. TPI 1 - ~~2002~~ 2007 National Design Standard for ~~Metal-plate-connected~~ Metal Plate Connected Wood Truss Construction.

CODE CHANGE PROPOSALS

Item No.	2006 IRC Section	RCNYS Section	Title	Summary	Action Required	Disagree	Status
CCP1.1	R104.11.3	NA	Alternative materials, design and methods of construction and equipment.	<p>Proposed by Jim Vogt of WTCA New Section: <u>R104.11.3 Rejected Approval. If the research report and/or tests are properly submitted in accordance with the statutes of the jurisdiction by a registered design professional or approved agency and the building official rejects the approval of the alternative material, design or method of construction, the building official shall recite the specific section(s) of the code that have been violated and state the specific reasons and/or interpretations that have caused the rejection. Approval of properly submitted work by a registered design professional shall not be withheld without specific cause cited.</u></p>	Conflict - Administrative requirements are deleted the NYS Codes as NYS regulation Part 1203 supersedes them.		11/1 - Disapproved

Item No.	2006 IRC Section	RCNYS Section	Title	Summary	Action Required	Disagree	Status
CCP1.2	R105.3.1	NA	Application for permit.	<p>Proposed by Jim Vogt of WTCA Amend Section as Shown: R105.3.1 Action on application. The building official shall examine or cause to be examined applications for permits and amendments thereto within a reasonable time after filing. If the application or the construction documents do not conform to the requirements of pertinent laws, the building official shall reject such application in writing, <u>reciting each specific section of the code that has been violated and stating the specific reasons and/or interpretations</u> therefore. If the building official is satisfied that the proposed work conforms to the requirements of this code and laws and ordinances applicable thereto, the building official shall issue a permit therefore as soon as practicable.</p>	Conflict - Administrative requirements are deleted the NYS Codes as NYS regulation Part 1203 supersedes them.		11/1 - Disapproved
CCP2.1	R202		"Building designer"	<p>Proposed by Jim Vogt of WTCA New definition: Building designer. <u>Owner of the building or the person that contracts with the owner for the design of the framing structural system and/or who is responsible for the preparation of the construction documents. When mandated by the legal requirements, the building designer shall be a registered design professional.</u></p>	Conflict - NYS Education Law only allows registered design professionals to design buildings or to be called "building designers"		11/1 - Disapproved

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CCP2.2	R202		"Diagonal bracing"	Proposed by Jim Vogt of WTCA New definition: Diagonal bracing. <u>Structural member installed at an angle to a truss chord or web member and intended to temporarily and/or permanently stabilize truss member(s) and/or truss(es).</u>			11/1 - Disapproved
CCP2.3	R202		"Framing structural system"	Proposed by Jim Vogt of WTCA New definition: Framing structural system. <u>Completed combination of structural elements, trusses, connections and other systems, which serve to support the Building's self-weight and the specified loads.</u>			11/1 - Disapproved
CCP2.4	R202		"Lateral restraint"	Proposed by Jim Vogt of WTCA New definition: Lateral restraint. <u>Also known as continuous lateral brace or CLB. A structural member installed at right angles to a chord or web member of a truss to reduce the laterally unsupported length of the truss member.</u>			11/1 - Disapproved

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CCP2.5	R202		"Permanent building stability bracing"	Proposed by Jim Vogt of WTCA New definition: <u>Permanent building stability bracing.</u> <u>Lateral force resisting system for the building that resists forces from gravity, wind, seismic and/or other loads.</u>			11/1 - Disapproved
CCP2.6	R202		"Permanent individual truss member restraint"	Proposed by Jim Vogt of WTCA New definition: <u>Permanent individual truss member restraint.</u> <u>Restraint that is used to prevent local buckling of an individual truss cord or web member due to axial forces in the individual truss member.</u>			11/1 - Disapproved
CCP2.7	R202		"Structural element"	Proposed by Jim Vogt of WTCA New definition: <u>Structural element.</u> <u>Single structural member (other than a truss) that is specified in the construction documents.</u>			11/1 - Disapproved

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CCP2.8	R202		"Truss design drawing"	Proposed by Jim Vogt of WTCA New definition: Truss design drawing. <u>Written, graphic and pictorial depiction of an individual truss that includes the information required in Sections R502.11.2 and R802.10.2.</u>			11/1 - Disapproved
CCP2.9	R202		"Truss designer"	Proposed by Jim Vogt of WTCA New definition: Truss designer. <u>Person responsible for the preparation of the truss design drawings.</u>	Conflict - NYS Education Law only allows registered design professionals to be responsible for the preparation of the truss design drawings		11/1 - Disapproved
CCP2.10	R202		"Truss placement diagram"	Proposed by Jim Vogt of WTCA New definition: Truss placement diagram. <u>Illustration identifying the assumed location of each truss.</u>			11/1 - Disapproved

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CCP2.11	R202		"Truss submittal package"	<p>Proposed by Jim Vogt of WTCA New definition: <u>Truss submittal package. Package consisting of each individual truss design drawing, and, as applicable, the truss placement diagram, the cover/truss index sheet, lateral restraint and diagonal bracing details designed in accordance with generally accepted engineering practice, applicable BCSI defined lateral restraint and diagonal bracing details, and any other structural details germane to the trusses.</u></p>			11/1 - Disapproved
CCP3.1	Ch. 43		TPI	<p>TPI 1 - 2002 2007 National Design Standard for Metal-plate-connected <u>Metal Plate Connected</u> Wood Truss Construction.</p>			11/1 - NYS modification approved ⁹