

Form # 3-W

Owner: _____ Reviewed by: _____
 Location: _____ Date: _____

Residential Code of New York WOOD FRAME CONSTRUCTION PLAN REVIEW

	ITEM	CODE SECTION	REQUIRED	ACTUAL
1	Wood Floor Framing Chapter 5	Section 502	Joist material Size and spacing	
	Minimum live loads	Table 301.5 Footnote h	Sleeping 30 psf Other rooms 40 psf Decks 40 psf Attic, fixed stair 30 psf	
	Floor Framing Materials Dimension Lumber Pressure treated I-joist, Glue lam Trusses	502.1 R319 Manufact'r Instr'ns R502.11	Species and Grade Designed system Certificate	
	Floor Joist Spans Sleeping 30 lbs Living areas 40 lbs 10 psf Dead Load Limit Girder Spans	Table R502.3.1(1) Table R502.3.1(2) R502.3 Tables R502.5.1(1) through R502.5.1(2)		
	Joist Framing Details Min. Bearing Lateral restraint Drilling/Notching Fasteners Floor openings	R502.6 R502.7 Joist > 1x12 Fig. R502.8 R502.9 Table R602.3(1) R502.10 Header span > 4' Header span > 6' Tail joist > 12'	Min 1 1/2" on wood 3" on conc/masonry Block at ends Bridging @ 8' Double header & trimmer Hangers for header Framing anchor or ledger	
	Floor Sheathing Panel spans	R503 Tab R503.2.1.1(1)		

	ITEM	CODE SECTION	REQUIRED	ACTUAL
2	Wood Wall Framing Chapter 6	Section 602	Stud material Size and spacing	
	Framing Materials Dimension Lumber	602.2	Min #3, stud grade	
	Top plate	R602.3.2	Doubled, overlap corners Stagger joints 24"	
	Notching	R602.6.1	Strap if 50% cut, or cover with structural panel	
	Bearing Wall Stud Spacing Up to 10' length	R602.3.1 Table R602.3(5)		
	Over 10' length	Table R602.3.1		
	Interior bearing wall studs	R602.4	Same as exterior	
	Fasteners	Tables R602.3(1) through R602.3(4)		
	Drilling and Notching	R602.6		
	Headers - Span Tables Exterior bearing	R602.7 Tab R502.5(1)		
	Interior bearing	Tab R 502.5(2)		
	Box header span	Tab R602.7.2 Fig. R602.7.2		
	Bracing Braced Wall Lines	R602.10 R602.10.1	Panels within 12 ½' Max 4' offset Lines 35' O.C. max	
	Spacing	R602.10.1		
	Braced Wall Panels Amount	R602.10.3 Tab 602.10.1		
	Continuous Sheathing	R602.10.5 Tab R602.10.5	Method 3 panels	
	Seismic Design	R602.11	Seismic D1	
	Wall sheathing Structural panels	Tab R602.3(3)		

	ITEM	CODE SECTION	REQUIRED	ACTUAL
3	Fireblocking Required for Concealed Locations	R602.8	1. Wall cavities 1.1. At floor and ceiling 1.2 Horizontally 10' 2. Soffits and drop ceilings 3. Top & bottom of stairs 4. Floor, ceiling penetrations 5. Chimneys see R1001.16	
	Fireblocking Materials Solid blocking Panels, min. thickness Batts, blankets	R602.8.1	Nominal 2" Based on material Secured in place	
	Chimney fireblocking Fireplace fireblocking	R1001.16 R1003.13	Noncombustible	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
4	Roof/Ceiling Framing Chapter 8	Section 802	Rafter material Size and spacing Joist material Size and spacing Ground snow load	
	Design and construction Prescriptive Designed Truss construction	R802.2 Fig R606.10(1), (2) and (3) AFPA/NDS and ASCE 7 R802.10		
	Framing Details Ridge support Joist/Rafter connection Ceiling joists connection Ceiling joist lapped Min. Bearing Drilling/Notching Lateral restraint Openings	R802.3 Tab R802.5.1(9) R802.3.1 R802.3.2 R802.6 R802.7 R802.8 R802.9 Header span > 4' Header span > 6' Tail joist > 12	Ridge board or gusset Continuous wall tie Min 1 ½" on wood 3" on conc/masonry >2x10 Block at bearing >2x12 Bridging @ 8' Double header & trimmer Hangers for header Framing anchor or ledger	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
	Allowable Ceiling Spans Without storage	R802.4 Tab 802.4(1)		
	With limited storage	Tab 802.4(2)		
	With fixed stair	Tab 502.3.1(1)		
	Allowable Rafter Spans Roof live load	Tab 802.5.1(1) Tab 802.5.1(2)		
	30 lb Snow load	Tab 802.5.1(3) Tab 802.5.1(4)		
	50 lb Snow load	Tab 802.5.1(5) Tab 802.5.1(6)		
	70 lb Snow load	Tab 802.5.1(7) Tab 802.5.1(8)		