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

Form # 3-W

Residential Code of New York

WOOD FRAME CONSTRUCTION PLAN REVIEW

1	ITEM	CODE SECTION	REQUIRED		ACTUAL
	Wood Floor Framing Chapter 5	**Section 502**	Joist material Size and spacing		
	Minimum live loads	Tab R301.5 Footnote h	Sleeping Other rooms Decks Attic, fixed stair	30 psf 40 psf 40 psf 30 psf	
	Floor Framing Materials Dimension Lumber Pressure treated I-joist, Glue lam Trusses	 R502.1 R502.1.1 and R319 Manufact'r Instr'ns R502.11	 Grade mark Species and Grade Designed system Certificate		
	Floor Joist Spans Sleeping 30 lbs Living areas 40 lbs 20 psf Dead Load Limit Girder Spans Exterior bearing walls Interior bearing walls	 Tab R502.3.1(1) Tab R502.3.1(2) R502.3 .1 & R502.3.2 Tab R502.5(1) Tab R502.5(2)			
	Joist Framing Details Min. Bearing Lateral restraint Drilling/Notching Fasteners Floor openings	 R502.6 R502.7 Fig. R502.8 R502.9 Table R602.3(1) R502.10 Header span > 4' Header span > 6' Tail joist > 12'	 Min 1 ½" on wood 3" on conc/masonry Block at ends Joist > 2x12, Bridging @ 8' Double header & trimmer Hangers for header Framing anchor or ledger		
	Floor Sheathing Panel spans	R503 Tab R503.2.1.1(1)			

2	ITEM	CODE SECTION	REQUIRED	ACTUAL
	Wood Wall Framing **Chapter 6**	**Section R602**	Stud material Size and spacing	
	Vapor Retarder	R601.3	Climate Zone 5 & 6	
	Framing Materials Identification Stud grade	 R602.1 R602.2	 Min #3, stud grade	
	Top plate Notching	R602.3.2 R602.6.1	Doubled, overlap corners Stagger joints 24" Strap if 50% cut, or cover with structural panel	
	Bearing Wall Stud Spacing Up to 10' length Over 10' length Interior bearing wall studs	R602.3.1 Tab R602.3(5) Tab R602.3.1 R602.4	 Same as exterior	
	Fasteners	Tables R602.3(1) through R602.3(2)		
	Drilling and Notching	R602.6		
	Headers - Span Tables Exterior bearing Interior bearing Box header span	R602.7 Tab R502.5(1) Tab R 502.5(2) Tab R602.7.2 Fig R602.7.2		
	Bracing Braced Wall Lines Spacing Braced Wall Panels Amount Continuous Sheathing Seismic Design	R602.10 R602.10.1 R602.10.1 R602.10.3 Tab 602.10.1 R602.10.5 Tab R602.10.5 R602.11	 Panels within 12 ½' Max 4' offset Lines 35' O.C. max Method 3 panels Seismic D_0	
	Wall sheathing Structural panels	 Tab R602.3(3)		

3	ITEM	CODE SECTION	REQUIRED	ACTUAL
	Fireblocking Required for Concealed Locations	R602.8	1. Wall cavities 1.1. At floor and ceiling 1.2 Horizontally 10' 2. Soffits, drop ceilings 3. Stairs, Top & bottom 4. Floor, ceiling penetrations 5. Chimneys R1003.19	
	Fireblocking Materials Solid blocking Panels, min. thickness Batts, blankets Chimney fireblocking Fireplace fireblocking	R602.8.1 R1003.19 R1001.12	 Nominal 2" Based on material Secured in place Noncombustible	

4	ITEM	CODE SECTION	REQUIRED	ACTUAL
	Roof/Ceiling Framing **Chapter 8**	**Section 802** Table 301.2(1)	Rafter material Size and spacing Joist material Size and spacing Ground snow load	
	Design and construction Prescriptive Designed Truss construction	R802.2 Fig R606.11(1), (2) and (3) AFPA/NDS & ASCE 7 R802.10		

4	ITEM	CODE SECTION	REQUIRED	ACTUAL
	Framing Details			
	Ridge support	R802.3	Ridge board or gusset	
	Joist/Rafter connection	Tab R802.5.1(9)		
	Ceiling joists connection	R802.3.1	Continuous wall tie	
	Ceiling joist lapped	R802.3.2		
	Min. Bearing	R802.6	Min 1 ½" on wood 3" on conc/masonry	
	Drilling/Notching	R802.7		
	Lateral restraint	R802.8	>2x10 Block at bearing >2x12 Bridging @ 8'	
	Openings	R802.9 Header span > 4' Header span > 6' Tail joist > 12	Double header & trimmer Hangers for header Framing anchor or ledger	
	Allowable Ceiling Spans	R802.4		
	Without storage	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(5)		
	50 lb Snow load	Tab 802.5.1(4) Tab 802.5.1(6)		
	70 lb Snow load	Tab 802.5.1(7) Tab 802.5.1(8)		