

Owner: \_\_\_\_\_ Reviewed by: \_\_\_\_\_  
 Location: \_\_\_\_\_ Date: \_\_\_\_\_

**Form # 3-W**

**Residential Code of New York**

**WOOD FRAME CONSTRUCTION PLAN REVIEW**

1	ITEM	CODE SECTION	REQUIRED	ACTUAL
	<b>Wood Floor Framing Chapter 5</b>	<b>Section 502</b>	Joist material Size and spacing	
	Minimum live loads	Tab R301.5  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	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
	<b>Wood Wall Framing Chapter 6</b>	<b>Section R602</b>	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 <sub>0</sub>	
	Wall sheathing Structural panels	Tab R602.3(3)		

3	ITEM	CODE SECTION	REQUIRED	ACTUAL
	<b>Fireblocking</b> 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	R602.8.1	Nominal 2" Based on material Secured in place	
	Chimney fireblocking	R1003.19	Noncombustible	
	Fireplace fireblocking	R1001.12		

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

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