

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

**Residential Code of New York**  
**STEEL FRAME CONSTRUCTION PLAN REVIEW**

	ITEM	CODE SECTION	REQUIRED	ACTUAL
1	<p><b>Steel Framing Applicability</b></p> <p><b>In-Line Framing</b></p> <p><b>Structural Framing</b></p> <p><b>Size Thickness Hole Dimension &amp; Spacing</b></p> <p><b>Identification Corrosion Protection</b></p> <p><b>Fasteners Substitution Factor</b></p> <p><b>Connections - steel to steel</b></p> <p><b>Floor to foundation or Bearing Wall Connections</b></p> <p><b>Connections Fasteners</b></p> <p><b>Joist Spans Joist Bracing</b></p> <p><b>Stiffeners Cantilevers</b></p>	<p>Chapter 5 R505.1.1</p> <p>R505.1.2</p> <p>R505.2 Figure R505.2(2)</p> <p>Table R505.2(1) Table R505.2(2) Table R505.2(3)</p> <p>R505.2.2 R505.2.3</p> <p>R505.2.4, Table R505.2.4</p> <p>R505.3 Figures R505.3</p> <p>Table R505.3.1(1)</p> <p>Figures R505.3.1(1) through R505.3.1(8) Table R505.3.1(2)</p> <p>R505.3.2 Table R505.3.2</p> <p>R505.3.3</p> <p>R505.3.4 Figure R505.3.4</p> <p>R505.3.7</p>	<p>60' x 36' MAX.,  <u>2 STORY MAX.,</u>                      10' HIGH MAX.  <u>70 lbs GROUND</u>  <u>SNOW LOAD</u>  <u>MAX.</u></p>	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
2	<p><b>Wall Construction - Steel Framing</b></p> <p><b>Seismic Cat. D1 and D2 and 110 ≤ Wind Regions</b></p> <p><b>In-Line Framing</b></p> <p><b>Structural Framing</b></p> <p><b>Size Thickness</b></p> <p><b>Materials Identification Corrosion Protection</b></p> <p><b>Fasteners</b></p> <p><b>Wall to Foundation or Floors Connections</b></p> <p><b>Load Bearing Walls Fastening Schedule</b></p> <p><b>Stud Thickness Requirement 33 ksi yield strength</b></p> <p><b>50 ksi yield strength</b></p> <p><b>Braced Wall Lines Seismic Cat. D1 and D2 110 ≤ Wind Regions</b></p>	<p><b>Chapter 6 Section R603</b></p> <p>R603.1.1.1</p> <p>R603.1.2</p> <p>R603.2 Figure R603.2(1)</p> <p>Table R603.2(1) Table R603.2(2)</p> <p>R603.2.1 R603.2.2 R603.2.3</p> <p>R603.2.4</p> <p>R603.3.1 Table R603.3.1</p> <p>R603.3.2 Table R603.3.2(1)</p> <p>Tables R603.3(2) to Table R603.3(7)</p> <p>Tables R603.3(8) to Table R603.3(13)</p> <p>R603.8 R603.8</p>	<p><b>Braced wall lines and diaphragms required</b></p> <p><b>Tables provided based on <u>material</u> used</b></p> <p><b>Braced wall lines and diaphragms required</b></p>	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
3	<b>Roof Construction</b> <b><u>Steel Framing</u></b>	<b>Chapter 8</b> <b>R804</b>		
	<b>Applicability</b>	<b>R804.1.1</b>		
	<b>Span</b> <b>Seismic Cat. D1 and D2</b> <b>110 &lt; Wind Regions</b>	<b>Tables provided</b> <b>based on <u>material</u></b> <b>used</b>		
	<b>In-Line Framing</b>	<b>R804.1.2</b>		
	<b>Structural Framing</b> <b>Size and</b> <b>Thickness</b>	<b>R804.2</b> <b>Tables R804.2(1)</b> <b>and R804.2(2)</b>		
	<b>Material</b> <b>Identification</b> <b>Corrosion Protection</b> <b>Fasteners</b>	<b>R804.2.1</b> <b>R804.2.2</b> <b>R804.2.3</b> <b>R804.2.4</b>		
	<b>Allowable Spans</b>	<b>R804.3.1</b>		
	<b>Joists</b>	<b>Table R804.3.1(1)</b> <b>and R804.3.3(2)</b>		
	<b>Rafters</b>	<b>Table R804.3.3(1)</b>		
	<b>110 mph &lt; Wind Regions</b> <b>Tension Connections</b>	<b>R804.3.3.1.1 &amp;</b> <b>Table</b> <b>R804.3.3.1.1(1)</b>		
	<b>Roof Tie Downs</b>	<b>R804.4.1</b>		

*The Plan Review Forms are a guideline to assist in the application and enforcement of the Uniform Fire Prevention and Building Code and Energy Conservation Construction Code. The Plan Review Forms are to be regarded as purely advisory and no representation is made to their accuracy or completeness. To ensure a comprehensive review, refer directly to the Uniform Fire Prevention and Building Code and Energy Conservation Construction Code.*