

Owner: _____ **Reviewed by:** _____

Location: _____ **Date:** _____

Residential Code of New York
MASONRY OR CONCRETE CONSTRUCTION PLAN REVIEW

	ITEM	CODE SECTION	REQUIRED	ACTUAL
1	Floor - Concrete (on ground) Concrete Thickness Compressive Strength Expansive Soils Fill Depth Requirements Sand/Gravel Earth Base Course Sieve Test Group I Soils Exception Vapor Retarder	Chapter 5 R506 R506.1 R402.2 R403.1.8 R506.2.1 R506.2.2 R506.2.3	3.5 in minimum 24 in 8 in 4 in. thick 2 in Sieve test Not required if well drained and classified as Group I Soil Below Slab	
2	Wall Construction Masonry Insulating Concrete Form Conventional Concrete Form	Chapter 6 R606-R610 R611 R612	Section based on type of material	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
3	<p>Wall Construction - Masonry and Concrete</p> <p>General Masonry Const. Professional Registration</p> <p>Thickness - Masonry</p> <p>- Rubble Stone - Change in thickness - Parapet Walls</p> <p>- Corbeled Masonry -projection</p> <p>Allowable Stresses</p> <p>Piers Chases Stack Bond</p> <p>Support Horizontal Lateral</p> <p>Vertical - in Seismic Design Cat. A, B, C</p> <p>Lintels Anchorage</p> <p>Seismic Design Cat. C, D₁, D₂</p> <p>General Design Category C Design Category D₁ Design Category D₂</p>	<p>R606.1 R606.1.1</p> <p>R606.2 R606.2.1</p> <p>R606.2.2 R606.2.3 R606.2.4</p> <p>R606.3</p> <p>R606.4 Table R606.4</p> <p>R606.5 R606.6 R606.7</p> <p>R606.8.1 Table R606.8</p> <p>R606.8.2</p> <p>R606.9 R606.10</p> <p>R606.11</p> <p>R606.11.1 R606.11.2 R606.11.3 R606.11.4 for hollow walls)</p>	<p>> 1 story = 8 in. thick < 9 ft high = 6 in. thick 16 in.</p> <p>8 in. min. / height not more than 4 x thickness</p> <p>not more than 1/2 wall thickness (1/2 wythe thickness</p>	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
6	Grouted Masonry Grout Heights/dimensions Space cleaning Placement Clean-outs Grouted Multiple-Wythe Bonding Spaces Barriers Reinforced Grouted Multiple-Wythe Reinforced Hollow Unit	R609 R609.1.1 R609.1.2 R609.1.3 R609.1.4 R609.1.5 R609.2 R609.2.1 R609.2.2 R609.2.3 R609.3 R609.4		
7	Glass Unit Masonry Materials Units Standard Thin Hollow Solid Isolated Panels Exterior Standard-unit Exterior Thin-unit Interior Panels Curved Panels Panel Support Sills Expansion Joints Mortar Reinforcement	R610 R610.2 R610.3 R610.3.1 R610.3.2 R610.4 R610.4.1 R610.4.2 R610.4.3 R610.4.4 R610.5 R610.6 R610.7 R610.8 R610.9	3 7/8 in thick min. 3 1/8 in thick min. 3 in thick min.	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
8	Insulating Concrete Form Wall Construction Applicability Flat Waffle-grid Screen-grid Materials Wall Construction Reinforcement Openings Lintels Wall Length Connections Floor to Wall Connections Wall to Roof Connections	R611 R611.2 R611.3 R611.4 R611.5 R611.6 R611.7 R611.7.1 R611.7.2 R611.7.3 R611.7.4 R611.8 R611.9	Buildings not exceeding 60' plan dimension max 32" max floors 40' max roofs 2 story max. 70 lbs ground snow load	

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.