

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

Form # 3-M

Residential Code of New York

MASONRY OR CONCRETE CONSTRUCTION PLAN REVIEW

	ITEM	CODE SECTION	REQUIRED	ACTUAL
1	Concrete Floors (on ground) Thickness Compressive Strength Expansive Soils Site preparation Maximum Fill Depth Base Course required Clean, graded material Group I Soils Exception Vapor Retarder Exceptions allowed	R506 R506.1 Table R402.2 R403.1.8 R506.2 R506.2.1 R506.2.2 R506.2.3	3.5 in minimum Design 24" gravel , 8" earth 4" thick Pass 2" Sieve NR if Group I Soil Below Slab	
2	Masonry Walls, General Thickness minimums Masonry Parapet Walls Corbeled Masonry projection Lateral Support Horizontal Spacing Vertical - in Seismic Design Cat. A, B, C Lintels Anchorage Seismic Design Cat. C, D ₀ General Design Category C Design Category D ₀	R606.2 R606.2.1 R606.2.4 R606.3 Tab R606.9 R606.9.1 R606.9.2 R606.10 R606.11 R606.12 R606.12.1 R606.12.2 R606.12.3	> 1 story = min. 8" Solid < 9' high = 6" T = 8" min. Height limit 4 x T Max ½ wall/wythe thickness 1 & 2 fam. D ₀ Townhouse C, D ₀ Townhouses only	

	ITEM	CODE SECTION	REQUIRED	ACTUAL
3	Unit Masonry Mortar Proportions Foundation Walls Seismic Category A, B or C Seismic Category D ₀ Placement Bed and Head Joints Tolerances Bed Head Collar Masonry Units Solid Hollow Wall Ties	R607 R607.1 Table R607.1 R607.1.1 R607.1.2 R607.1.3 R607.2 R607.2.1 R607.2.1.1 R607.2.2 R607.2.2.1 R607.2.2.2 R607.3	Type M or S Type S, M or N, Type M or S Generally 3/8" + 1/8" 1/4" + 3/8" 1/4" + 3/8"	
4	Multiple Wythe Masonry Bonding Headers Wall Ties/Reinforcements Patterns	R608 R608.1.1 R608.1.2 R608.2		

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

	ITEM	CODE SECTION	REQUIRED	ACTUAL
7	ICF Wall Construction	R611		
	Applicability limits	R611.2	Max 60' plan Max 32' floor span Max 40' Roof span 2 story max.	
	Flat	R611.3		
	Waffle-grid	R611.4		
	Screen-grid	R611.5		
	Materials	R611.6		
	Wall Construction	R611.7		
	Reinforcement	R611.7.1		
	Openings	R611.7.2		
	Lintels	R611.7.3		
	Wall Length	R611.7.4		
	Floor to Wall Connections	R611.8		
	Wall to Roof Connections	R611.9		