



The City Of Yonkers  
Residential Code of New York Masonary or Concrete  
Construction Plan Review

**Form # 3M**



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Residential Code of New York Masonry or Concrete  
Construction Plan Review

BLOCK \_\_\_\_\_ LOT \_\_\_\_\_

Designer / Owner: \_\_\_\_\_

Address : \_\_\_\_\_

Location of Work: \_\_\_\_\_

\_\_\_\_\_

Telephone : \_\_\_\_\_

Date: \_\_\_\_\_

	ITEM	CODE SECTION	REQUIRED	PROJECT	COMPLIES
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	<u>Chapter 5</u> 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 1 Soil  Below Slab		
2	Wall Const ruction  Masonry  Insulating Concrete Form  Conventional Concrete Form	Chapter 6  R606-R610  R611  R612	Section based on type of material		



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	ITEM	CODE SECTION	REQUIRED	PROJECT	COMPLIES
3	Wall Construction - Masonry and Concrete  General Masonry Const. Professional Registration  Thickness - Masonry  - Rubble Stone - Change in thickness - Parapet Walls  - Corbeled Masonry - projection  Allowable Stresses  Piers Chases Stack Bond  Support Horizontal Lateral  Vertical - in Seismic Design C at. A, B, C  Lintels Anchorage  Seismic Design C at. C , D <sub>1</sub> , D <sub>2</sub>  General Design Category C Design Category D <sub>1</sub> Design Category D <sub>2</sub>	R6 06.1 R606.1.1  R606.2 R606.2.1  R606.2.2 R606.2.3 R606.2.4  R606.3  R606.4 Table R606.4  R606.5 R606.6 R606.7  R606.8.1 Table R606.8  R606.8.2  R606.9 R606.10  R606.11  R606.11.1 R606.11.2 R606.11.3 R606.11.4 for hollow walls)	> 1 s tory = 8 in. thick < 9 ft high = 6 in. thick 16 in.  n. mi n. / hei ght 8 in,not more than 4 x thickness  not more than ½ wall thickness (½ wythe thickness		



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	ITEM	CODE SECTION	REQUIRED	PROJECT	COMPLIES
4	Unit Masonry  Mortar  Foundation Walls  Seismic Category A, B or C  Seismic Category D <sub>1</sub> , D <sub>2</sub>  Placement  Bed and Head Joints  Bed  Head  Collar  Masonary 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  R607.2.1.1  R607.2.1.1  R607.2.1.1  R607.2.2 R607.2.2.1 R607.2.2.2  R607.3	Mortar type S, M or N,     Portland cement-lime or mortar cemen mortar type S or M.    + 1/8 inch  1/4 inch, + 3/ 8 inch  1/4 inch, + 3/ 8 inch		
5	Multiple Wythe Masonary  Bonding Headers  Wa ll Ties/Reinforcements  Patterns	R608  R608.1.1  R608.1.2  R608.2			



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	ITEM	CODE SECTION	REQUIRED	PROJECT	COMPLIES
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 Masonary 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.		



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	ITEM	CODE SECTION	REQUIRED	PROJECT	COMPLIES
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		

I hereby certify that to the best of my knowledge, that the information provided on the attached form(s) is current and that the project complies with the Residential Code of New York State.

Signature \_\_\_\_\_

Date \_\_\_\_\_

Sign and Seal (Original) \_\_\_\_\_