

Form # 3-M

Owner: _____ Reviewed by: _____

Location: _____ Date: _____

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 Fill Depth Requirements Sand/Gravel Earth Base Course required Clean, graded material Group I Soils Exception Vapor Retarder Exceptions allowed | R506 R506.1 Table R402.2 R403.1.8 R506.2.1 R506.2.2 R506.2.3 | 3.5 in minimum 24 in 8 in 4" in. 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 ₁ , D ₂ General Design Category C Design Category D ₁ | R606.1 R606.2 R606.2.1 R606.2.4 R606.3 R606.8 Table R606.8 R606.8.2 R606.9 R606.10 R606.11 R606.11.1 R606.11.2 R606.11.3 | > 1 story = min. 8" Solid < 9' high = 6" T = 8" min. Height limit 4 x T Max ½ wall/wythe thickness 1 & 2 fam. exempt in category C Townhouses only | |

| | ITEM | CODE SECTION | REQUIRED | ACTUAL |
|---|--|--|---|--------|
| 3 | Unit Masonry Mortar Proportions Foundation Walls Seismic Category A, B or C Seismic Category D ₁ , D ₂ 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 | | |
| 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 | | |

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|---|--|---|---|--------|
| 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 | | |
| 7 | ICF Wall Construction Applicability limits 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 | Max 60' plan Max 32' floor span Max 40' Roof span 2 story max. 70# ground snow | |