

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

Form # 3-S

Residential Code of New York

STEEL FRAME CONSTRUCTION PLAN REVIEW

	ITEM	CODE SECTION	REQUIRED	ACTUAL
1	Steel Framing General Applicability limits In-Line Framing Structural Framing Size and Thickness Identification	R505.1.1 R603.1.1 R804.1.1 R505.1.2 (floor) R603.1.2 (wall) R804.1.2 (roof) Figures & Tables R505.2 R603.2 R804.2 R505.2.2 R603.2.2 R804.2.2	60' length 36' width 2 story, 10' max Max 110 mph wind Max 70 lb. Snow Tables based on material used	
2	Steel Frame Floor Construction Connections - steel to steel Floor to foundation or Bearing Wall Connections Connections details Fasteners Joist Spans Joist Bracing Stiffeners Cantilevers	R505.3 Fig R505.3 Tab R505.3.1(1) Figs R505.3.1(1) thru R505.3.1(8) Tab R505.3.1(2) Tab R505.3.2 R505.3.3 R505.3.4 Fig R505.3.4 R505.3.7		

	ITEM	CODE SECTION	REQUIRED	ACTUAL
3	Steel Frame Walls	Section R603		
	Construction Details	R603.3 Fig R603.3		
	Connect Foundation or Floor	Tab R603.3.1 Figs R603.3.1(1), (2)		
	Bearing Wall Fastening	R603.3.2 Tab R603.3.2(1)		
	Stud Thickness Requirement	Tbls R603.3(2) - (21)		
	Braced Wall Lines 110 ≤ Wind Regions	R603.7	Braced wall lines and diaphragms required	
3	Steel Frame Roof Construction	R804 Fig. R804.3		
	Fasteners	Tbl. R804.3		
	Allowable Joist Spans	R804.3.1 Tbl R804.3.1(1) - (8)		
	Joist to Rafter connection	Tbl R804.3.1 Fig R804.3.1(1)		
	Allowable Rafters Spans	R804.3.3 Table R804.3.3(1)		
	Bottom flange bracing Splicing	R804.3.4 R804.3.7		
	Bearing Stiffeners Headers Framing Openings	R804.3.8 R804.3.9 R804.3.10		
	Roof Tie Downs	R804.4 Tbl R802.11	Wall ties for 20 lbs uplift	