

Statement of Special Inspections

SUCF Project No: _____

Project Title: _____

Registered Design Professionals in Responsible Charge:

Architect: _____ (Name) _____ (Address)

Structural Engineer: _____

Mechanical Engineer: _____

- ✓ Identification of Seismic-Force Resisting Systems and Wind-Force-Resisting Systems
- ✓ Required Special Inspections and Frequencies
- ✓ Special Inspector Minimum Qualifications
- ✓ Contractor's Statement of Responsibility Form
- ✓ Fabricator's Certificate of Compliance Form *(only needed if there are fabricated items)*
- ✓ Special Inspector / Approved Agency Final Report

As the Registered Design Professional(s) in Responsible Charge for this project, I/we certify this Statement of Special Inspections includes a complete list of materials and work that require special inspection and testing and the minimum qualifications of the Special Inspectors / testing agencies required to be considered for conducting the inspections and testing. This represents the complete extent of special inspections and testing required during the construction of this project and complies with the NYS 2017 Uniform Fire Prevention and Building Code.

(Affix professional seal)

(Affix professional seal)

(Affix professional seal)

Arch.: _____ Str. Eng.: _____ Mech. Eng.: _____
(Print name / date) (Print name / date) (Print name / date)

(Signature)

(Signature)

(Signature)

Identification of Seismic-Force-Resisting Systems and Wind-Force-Resisting Systems

➤ Seismic-Force-Resisting Systems:

The Seismic Design Category (SDC) is Choose an item.

There Choose an item. seismic-force-resisting systems in this project.

There Choose an item. designated seismic systems.

Additional Items for Seismic Design Categories B, C, D or F:

- Isolator units and energy dissipation devices.

Additional Items for Seismic Design Categories C, D, E or F:

- HVAC ducts designed to carry hazardous materials.
- Piping / mechanical units designed to carry hazardous materials.
- Electrical equipment used for emergency or standby power systems.
- Vibration isolation systems requiring ¼" max between equipment support frames and restraint.

Additional items for Seismic Design Categories D, E or F:

- Exterior cladding, interior or exterior non-bearing walls >30 ft above grade or walking surfaces.
- Exterior cladding, interior or exterior non-bearing walls weighing >5 psf.
- Interior non-bearing walls weighing >15 psf.
- Access floors.
- Steel storage racks taller than 8 feet.
- Code-formed steel special bolted moment frames.

Additional items for Seismic Design Categories E or F:

- Electrical equipment.

➤ Wind-Force-Resisting Systems:

- Wind Category B, wind speed minimum 120 MPH.
- Wind Category C or D, wind speed minimum 110 MPH.

Design includes wind-force-resisting systems and components:

- Roof covering, roof deck and roof framing connections.
- Exterior wall covering and wall connections to roof and floor diaphragms and framing.
- Cold-formed steel light-frame construction
- Structural wood

Required Special Inspections, Tests, Frequencies

<input type="checkbox"/> STEEL CONSTRUCTION: Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Minimum inspections prior to welding.	X		AISC 360 Table N5.4-1	1705.2.1
<input type="checkbox"/>	Minimum inspections during welding.	X		AISC 360 Table N5.4-2	
<input type="checkbox"/>	Minimum inspections after welding.		X	AISC 360 Table N5.4-3	
<input type="checkbox"/>	UT shall be performed on CJP groove welds subject to transversely applied tension loading in butt, T-, and Corner joints. a. For Risk Category III or IV structures b. For Risk Category II structures		X 100% X 10%	AISC 360 N5.5b	
<input type="checkbox"/>	Minimum inspections prior to high-strength bolting (except for snug-tight joints).	X		AISC 360 Table N5.6-1	
<input type="checkbox"/>	Minimum inspections during high-strength bolting (except for snug-tight joints). For pretension/slip-critical joints: a. Turn-of-nut with match marking, direct-tension-indicator method, twist-off-type tension control bolt method. b. Calibrated wrench method, turn-of-nut method without matchmaking.	X	X	AISC 360 Table N5.6-2	
<input type="checkbox"/>	Minimum inspections after high-strength bolting.		X	AISC 360 Table N5.6-3	
<input type="checkbox"/>	Inspect fabricated or erected steel as appropriate to verify compliance with the construction drawings. Inspect braces, stiffeners, member locations, and joint details.		X	AISC 360 N5.7	
<input type="checkbox"/>	Inspect during placement of anchor rods and other embedments supporting structural steel for compliance with the construction dwgs.	X		AISC 360 N5.7	
<input type="checkbox"/>	Inspect welding of steel headed stud anchors.	X		AISC 360 N6 AWS D1.1/D1.1M	
<input type="checkbox"/>	Verification for metal deck: a. Welding consumables, welding procedure specs, welder's qualifications prior to work, observation of work in progress, and visual inspection of all welds. b. Fasteners to be used prior to work, observation of work in progress to confirm conformance to manufacturer's recommendations, and visual inspection of completed installation.	X X		AISC 360 N6	

<input type="checkbox"/> COLD-FORMED STEEL DECK: Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Inspection or Execution Tasks Prior to Deck Placement		X	SDI QA/QC Table 1.1	1705.2.2
<input type="checkbox"/>	Inspection or Execution Tasks After to Deck Placement		X	SDI QA/QC Table 1.2	
<input type="checkbox"/>	Inspection or Execution Tasks Prior to Welding		X	SDI QA/QC Table 1.3	
<input type="checkbox"/>	Inspection or Execution Tasks During Welding	X		SDI QA/QC Table 1.4	
<input type="checkbox"/>	Inspection or Execution Tasks After to Welding		X	SDI QA/QC Table 1.5	
<input type="checkbox"/>	Inspection or Execution Tasks Prior to Mechanical Fastening		X	SDI QA/QC Table 1.6	
<input type="checkbox"/>	Inspection or Execution Tasks During to Mechanical Fastening	X		SDI QA/QC Table 1.7	
<input type="checkbox"/>	Inspection or Execution Tasks After to Mechanical Fastening		X	SDI QA/QC Table 1.8	

<input type="checkbox"/> OPEN-WEB STEEL JOISTS AND /OR JOIST GIRDERS: Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
	Installation of open-web steel joists and joist girders.				Table 1705.2.3
<input type="checkbox"/>	End connections – welding or bolted	-	X	SJI CJ,SJI K SJI LH/DLH OR SJI JG	
<input type="checkbox"/>	Bridging – horizontal or diagonal a. Standard bridging b. Bridging that differs from the SJI specifications.	-	X	SJI CJ,SJI K SJI LH/DLH OR SJI JG	

<input type="checkbox"/> COLD-FORMED STEEL TRUSSES SPANNING 60 FT OR GREATER: Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verify the temporary installation of restraint / bracing is installed per the approved truss submittal package.		X		1705.2.4
<input type="checkbox"/>	Verify the permanent individual truss member restraint / ricing is installed per the approved truss submittal package.		X		

<input type="checkbox"/> CONCRETE CONSTRUCTION: Special Inspection and Testing is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Inspect reinforcement, including restressing tendons, and verify placement.	-	X	ACI 318 Ch. 20, 25.2, 25.3, 26.5.1- 26.5.3	1908.4
<input type="checkbox"/>	Reinforcing bar welding: a. Verify weldability of reinforcing bars other than ASTM A706; b. Inspect single-pass fillet welds, maximum 5/16"; and c. Inspect all other welds	X	X X	AWS D1.4 ACI 318:26.5.4	
<input type="checkbox"/>	Inspect anchors cast in concrete.	-	X	ACI 318:17.8.2	-
<input type="checkbox"/>	Inspect anchors post-installed in hardened concrete members. a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b. Mechanical and adhesive anchors not defined in 4.a.	X	X	ACI 318: 7.8.2.4 ACI 318: 17.8.2	Table 1705.3 footnote 'b'.
<input type="checkbox"/>	Verify use of required design mix.	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
<input type="checkbox"/>	Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	X	-	ASTM C172 ASTM C31 ACI 318: 26.4.5,26.12	1908.10
<input type="checkbox"/>	Inspect concrete and shotcrete placement for proper application techniques.	X	-	ACI 318: 26.4.5	1908.6, .7, and .8
<input type="checkbox"/>	Verify maintenance of specified curing temperature and techniques.	-	X	ACI 318: 26.4.7- 26.4.9	1908.9
<input type="checkbox"/>	Inspect pre-stressed concrete for: a. Application of pre-stressing forces; and b. Grouting of bonded pre-stressing tendons	X X	- -	ACI 318: 6.9.2.1 ACI 318: 6.9.2.3	
<input type="checkbox"/>	Inspect erection of precast concrete members.	-	X	ACI 318: 6.8	-
<input type="checkbox"/>	Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.	-	X	ACI 318: 26.10.2	-
<input type="checkbox"/>	Inspect formwork for shape, location and dimensions of the concrete member being formed.	-	X	ACI 318: 26.10.1(b)	-

<input type="checkbox"/>	MASONRY CONSTRUCTION: Level A – For Risk Category I, II, or III, designed using Prescriptive or Empirical design methods. Special Inspection is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verify certificates of compliance prior to construction.		X	TMS 402, TMS 602 Table 3.1.1	1705.4

<input type="checkbox"/>	MASONRY CONSTRUCTION: Level B – For Risk Category I, II, or III, designed using Engineered design methods, or Risk Category IV designed using Prescriptive design methods. Special Inspection is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verification of Slump flow and Visual Stability Index (VSI) as delivered to the project site in accordance with Specification Article 1.5 B.1.b.3 for self-consolidating grout.	X	X	TMS 402 Table 3.1.2	1705.4
<input type="checkbox"/>	Verification of f'_m and f'_{AAC} in accordance with Specification Article 1.4B prior to construction, except where specifically exempted by TMS 402.		X	TMS 402 Table 3.1.2	
<input type="checkbox"/>	Verify compliance with the approved submittals.		X	TMS 602 Art 1.5	
<input type="checkbox"/>	As masonry construction begins, verify the following are in compliance:				
<input type="checkbox"/>	Proportions of site-prepared mortar		X	TMS 602 Art 2.1, 2.6A	
<input type="checkbox"/>	Construction of mortar joints		X	TMS 602 Art 3.3B	
<input type="checkbox"/>	Grade and size of prestressing tendons and anchorages		X	TMS 602 Art 2.4B, 2.4H	
<input type="checkbox"/>	Location of reinforcement, connectors and prestressing tendons and anchorages		X	TMS 602 Art 3.4, 3.6A	
<input type="checkbox"/>	Prestressing technique		X	TMS 602 Art 3.6B	
<input type="checkbox"/>	Properties of thin-set mortar for AAC masonry	X	X	TMS 602 Art 2.1C	
<input type="checkbox"/>	Prior to grouting, verify that the following are in compliance:				
<input type="checkbox"/>	Grout space		X	TMS 602 Art 3.2D, 3.2F	
<input type="checkbox"/>	Grade, type and size of reinforcement and anchor bolts, and prestressing tendons and anchorages		X	TMS 402 Sec 6.1 TMS 602 Art 2.4, 3.4	
<input type="checkbox"/>	Placement of reinforcements, connectors and prestressing tendons and anchorages		X	TMS 402 Sec 6.1, 6.2.1, 6.2.6, 6.2.7 TMS 602 Art 3.2E, 3.4, 3.6A	
<input type="checkbox"/>	Proportions of site-prepared grout and prestressing grout for bonded tendon		X	TMS 602 Art 2.6B, 2.4G.1.b	
<input type="checkbox"/>	Construction of mortar joints.		X	TMS 602 Art 3.3B	

<input type="checkbox"/> MASONRY CONSTRUCTION: Level C – For Risk Category IV designed using Engineered design methods. Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verification of f'_m and f'_{AAC} in accordance with Specification Article 1.4B prior to construction and for every 5,000 sq. ft. during construction.	X	X	TMS 402 Table 3.1.3	1705.4
<input type="checkbox"/>	Verification of proportions of materials in premixed or preblended mortar prestressing grout, and grout other than self-consolidating grout, as delivered to the project site.	X	X	TMS 402 Table 3.1.3	
<input type="checkbox"/>	Verification of Slump flow and Visual Stability Index (VSI) as delivered to the project site in accordance with Specification Article 1.5 B.1.b.3 for self-consolidating grout.	X	X	TMS 402 Table 3.1.3	
<input type="checkbox"/>	Verify compliance with the approved submittals.		X	TMS 602 Art 1.5	
<input type="checkbox"/>	Verify that the following are in compliance:				
<input type="checkbox"/>	Proportions of site-mixed mortar, grout and prestressing grout for bonded tendons.		X	TMS 602 Art 2.1, 2.6A, 2.6B, 2.6C, 2.4G.1.b	
<input type="checkbox"/>	Grade, type, and size of reinforcement and anchor bolts, and prestressing tendons and anchorages		X	TMS 402 Sec 6.1, TMS 602 Art 2.4, 3.4	
<input type="checkbox"/>	Placement of masonry units and construction of mortar joints.		X	TMS 602 Art 3.3B	
<input type="checkbox"/>	Placement of reinforcement, connectors and prestressing tendons and anchorages	X		TMS 402 Sec 6.1, 6.2.1, 6.2.6, 6.2.7 TMS 602 Art 3.2E, 3.4, 3.6A	
<input type="checkbox"/>	Grout space prior to grouting	X		TMS 602 Art 3.2D, 3.2F	
<input type="checkbox"/>	Placement of grout and prestressing grout for bonding tendons.	X		TMS 602 Art 3.5, 3.6C	
<input type="checkbox"/>	Size and location of structural elements		X	TMS 602 Art 3.3F	
<input type="checkbox"/>	Type, size and location of anchors including other details of anchorage of masonry to structural members, frames or other construction.	X		TMS 402 Sec 1.2.1(e), 6.1.4.3, 6.2.1	
<input type="checkbox"/>	Welding of reinforcement	X		TMS 402 Sec 8.1.6.7.2, 9.3.3.4(c), 11.3.3.4(b)	
<input type="checkbox"/>	Preparation, construction and protection of masonry during code weather (temperature below 40 degrees F) or hot weather (temperature above 90 degrees F)		X	TMS 602 Art 1.8C, 1.8D	
<input type="checkbox"/>	Application and measurement of prestressing force	X		TMS 602 Art 3.6B	
<input type="checkbox"/>	Placement of AAC masonry units and construction of thin-bed mortar joints	X		TMS 602 Art 3.3B.9, 3.3F.1.b	
<input type="checkbox"/>	Properties of thin-bed mortar for AAC masonry	X		TMS 602 Art 2.1 C.1	
<input type="checkbox"/>	Observe preparation of grout specimens, mortar specimens and / or prisms.	X		TMS 602 Art 1.4B.2.a.3, 1.4B.2.b.3, 1.4B.2.c.3, 1.4B.3, 1.4B.4	

<input type="checkbox"/>	WOOD CONSTRUCTION: Special Inspection is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Inspect high-load diaphragms for grade/thickness of sheathing, nominal size of members, fastener size, number and spacing.		X	Contr. docs	1705.5.1, 2306.2
<input type="checkbox"/>	Metal-plate-connected wood trusses spanning 60 feet or greater: temporary installation restraint / bracing and permanent individual truss member restraint / bracing.		X	App. truss submittal package	1705.5.2

<input type="checkbox"/>	SOILS: Special Inspection and Testing are required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	-	X	Geotech Report, Contract Docs	Table 1705.6
<input type="checkbox"/>	Verify excavations are extended to proper depth and have reached proper material.	-	X		
<input type="checkbox"/>	Perform classification and testing of compacted fill materials.				
<input type="checkbox"/>	Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X	-		
<input type="checkbox"/>	Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	-	X		
<input type="checkbox"/>	During fill placement inspector shall verify that proper materials and procedures.	X			

<input type="checkbox"/>	DRIVEN DEEP FOUNDATION ELEMENTS: Special Inspection and Testing are required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verify element materials, sizes and lengths comply with the requirements.	X	-	Geotech Report, Contract Docs	Table 1705.7
<input type="checkbox"/>	Determine capacities of test elements and conduct additional load tests, as required.	X	-		
<input type="checkbox"/>	Inspect driving operations and maintain complete and accurate records for each element.	X	-		
<input type="checkbox"/>	Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element.	X	-		
<input type="checkbox"/>	For steel elements, perform additional special inspections in accordance with Section 1705.2. (See Special Inspections for Concrete Construction.)	-	-		
<input type="checkbox"/>	For concrete elements and concrete-filled elements, perform tests and additional special inspections in accordance with Section 1705.3. (See Special Inspections for Concrete Construction)	-	-		
<input type="checkbox"/>	If applicable, RDP to identify: specialty elements, additional insp.	-	-		

<input type="checkbox"/>	CAST-IN-PLACE DEEP FOUNDATION ELEMENTS: Special Inspection and Testing is required.				
	Type	Continu- ous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Inspect drilling operations and maintain complete and accurate records for each element.	X	-	Geotech Report, Contract Docs	Table 1705.8
<input type="checkbox"/>	Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata capacity. Record concrete or grout volumes.	X	-		
<input type="checkbox"/>	For concrete elements, perform tests and additional special inspections in accordance with Section 1705.3. (See Special Inspections for Concrete Construction)	-	-		

<input type="checkbox"/>	HELICAL PILE FOUNDATIONS: Special Inspection is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Installation equipment used, pile dimensions, tip elevations, final depth, final installation torque [and any other information required by the RDP] shall be recorded.	X		Geotech Rept, Contr. Docs	1705.9

<input type="checkbox"/>	SPRAYED FIRE-RESISTANT MATERIALS: Special Inspection and testing is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verify surface preparation in accordance with manufacturer's written instructions				1705.14.2
<input type="checkbox"/>	Verify temperature and area ventilation before and after application in accordance with manufacturer's written instructions.				1705.14.3
<input type="checkbox"/>	Verify thickness of sprayed fire resistant materials. a. Minimum of 4 measurements per 1,000 SF of floor, roof, and wall areas, or part thereof at each story. b. Minimum of 25% of structural members at each story.			ASTM E605	1705.14.4
<input type="checkbox"/>	Verify density of sprayed fire resistant materials. a. Minimum of one sample per 2,500 SF of floor, roof, and wall areas, or part thereof at each story. b. Minimum of one sample from each type of structural framing member per 2,500 SF of floor area or part thereof at each story			ASTM E605	1705.14.5
<input type="checkbox"/>	Verify cohesive/adhesive bond strength of sprayed fire resistant materials. a. Minimum of one sample per 2,500 SF of floor, roof, and wall areas, or part thereof at each story. b. Minimum of one sample from each type of structural framing member per 2,500 SF of floor area or part thereof at each story c. Bond tests to qualify a primer, paint, or encapsulant when acceptable bond strength performance between these coatings and the fire resistant material has not been determined.			ASTM E736	1705.14.6
<input type="checkbox"/>	Condition of finished application.				1705.14.1

<input type="checkbox"/>	MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS: Special Inspection and testing is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Verify surface preparation, application, and thickness in accordance with manufacturer's written instructions when applied to structural elements and decks.			AWCI 12-B	1705.15

<input type="checkbox"/>	EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS): Special Inspection and testing is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Water-resistive barrier coatings must be inspected when installed over a sheathing substrate.			ASTM E2570	1705.16.1
<input type="checkbox"/>	EIFS applications not over a water-resistive barrier, masonry, or concrete.				1705.16

<input type="checkbox"/>	FIRE-RESISTANT PENETRATIONS AND JOINTS: Special Inspection and testing is required.				
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	For high-rise buildings or Risk Category III or IV buildings inspect through-penetrations and membrane penetration firestops.			ASTM E2174, ASTM E814, UL 1479	1705.17, 714.3.1.2, 714.4.2
<input type="checkbox"/>	For high-rise buildings or Risk Category III or IV buildings inspect fire-resistant joint systems and perimeter fire barrier systems.			ASTM: E119, E2393, E1966, E2307, UL 2079	1705.17, 715.3, 715.4

<input type="checkbox"/> SMOKE CONTROL SYSTEM: Special Inspection and testing is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Smoke control systems are to be tested during erection of ductwork and prior to concealment for leakage testing and recording of device location.		X		1705.18.1
<input type="checkbox"/>	Smoke control systems are to be tested prior to occupancy and after sufficient completion of pressure difference testing, flow measurements and detection and control verification.		X		

<input type="checkbox"/> FABRICATED ITEMS: Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	The RDP shall identify any structural, load-bearing or lateral load-resisting members or assemblies that are specified to be fabricated off site i.e. in a fabricator's shop. Special inspections shall be required for these items unless: a. The fabricator maintains approved detailed fabrication and quality control procedures that provide conformance to the approved construction documents and IBC 2015. b. The fabricator is registered and approved per 1704.2.5.1. See also the Fabricator Form in this packet for these items.				1704.2.5
<input type="checkbox"/>	If the members or assemblies are to be fabricated on site, refer to their respective categories.				

<input type="checkbox"/> WIND-FORCE-RESISTANT ITEMS: Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Structural wood	X	X		1705.11.1
<input type="checkbox"/>	Cold-formed steel light-frame construction		X		1705.11.2
<input type="checkbox"/>	Components: Roof covering, roof deck and roof framing connections		X		1705.11.3
<input type="checkbox"/>	Components: Exterior wall covering and wall connections to roof and floor diaphragms and framing.		X		1705.11.3

<input type="checkbox"/> SEISMIC-FORCE RESISTANT ITEMS: Special Inspection is required.					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>	Structural steel			AISC 341	1705.12.1.1 1705.13.1.1 1705.13.1.3
<input type="checkbox"/>	Structural steel elements			AISC 341	1705.12.1.2 1905.13.1.2
<input type="checkbox"/>	Structural wood	X	X		1705.12.2
<input type="checkbox"/>	Cold-formed steel light-frame construction				1705.12.3
<input type="checkbox"/>	Designated seismic systems			ASCE 7: 13.2.2	1705.12.4, 1705.13.4
<input type="checkbox"/>	Arch. components: Ext.cladding, interior or exterior nonbearing walls and interior or ext veneer 30 ft or less above grade or walking surface.		X		1705.12.5
<input type="checkbox"/>	Arch. components: Exterior cladding or interior or exterior veneer weighing 5 psf or less.		X		1705.12.5
<input type="checkbox"/>	Arch. components: Interior nonbearing walls weighing 15 psf or less.		X		1705.12.5
<input type="checkbox"/>	Architectural components: Access floors		X		1705.12.5.1
<input type="checkbox"/>	Elect. Equip. anchorage for emergency and standby power systems		X		1705.12.6
<input type="checkbox"/>	Other electrical equipment anchorage		X		1705.12.6
<input type="checkbox"/>	Piping systems / mechanical units designed to carry hazardous materials: installation and anchorage		X		1705.12.6
<input type="checkbox"/>	Ductwork designed to carry hazardous materials: installation and anchorage		X		1705.12.6
<input type="checkbox"/>	Vibration isolation systems: installation and anchorage		X		1705.12.6

<input type="checkbox"/> SPECIAL CASES: Special Inspection is required. (1705.1.1)					
	Type	Con- tinuous	Periodic	Reference Standard	Code
<input type="checkbox"/>					1705.1.1
<input type="checkbox"/>					
<input type="checkbox"/>					

Category	Special Inspector Minimum Qualifications
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Current ICC Reinforced Concrete Special Inspector or ACI Concrete Constr. Inspector <input type="checkbox"/> Concrete field testing by an ACI Concrete Field Testing Technical w/ Grade 1 cert. <input type="checkbox"/> Intern Engineer with relevant experience <input type="checkbox"/> NYS Registered Design Professional Engineer (RDP) with relevant experience
<input type="checkbox"/> Pre-Stressed Concrete	<u>Pretension Tendons</u> <input type="checkbox"/> Current ICC Reinforced Concrete certification and ACI Concrete Field Testing Technician with Grade 1 certification plus one year relevant experience <input type="checkbox"/> Intern Engineer with relevant experience <input type="checkbox"/> RDP with relevant experience <u>Post-tension Tendons</u> <input type="checkbox"/> Current Post-Tensioning Institute (PTI) certification <input type="checkbox"/> Intern Engineer with relevant experience <input type="checkbox"/> RDP with relevant experience
<input type="checkbox"/> Welding	<input type="checkbox"/> Current AWS Certified Welding Inspector <input type="checkbox"/> Current ICC Structural Steel and Welding Certificate plus one year of relevant experience <input type="checkbox"/> Current Level II cert. from American Society for Non-Destructive Testing (NDT) <input type="checkbox"/> Current NDT Level III provided previously certified as NDT Level II
<input type="checkbox"/> High-Strength Bolting & Steel Frame Inspection	<input type="checkbox"/> Current ICC Structural Steel and Welding certification and one year of relevant experience <input type="checkbox"/> Intern Engineer with relevant experience <input type="checkbox"/> RDP with relevant experience
<input type="checkbox"/> Masonry	<input type="checkbox"/> Current ICC Structural Masonry certification and one year of relevant experience <input type="checkbox"/> Intern Engineer with relevant experience <input type="checkbox"/> RDP with relevant experience
<input type="checkbox"/> Sprayed Fire-Resistant Materials	<input type="checkbox"/> Current ICC Spray-Applied Fireproofing certification and one year of relevant experience <input type="checkbox"/> Intern Engineer with relevant experience <input type="checkbox"/> RDP with relevant experience
<input type="checkbox"/> Excavation and filling; verification of soils; piling & drilled piers; modular retaining walls	<input type="checkbox"/> Current Level II certification in geotechnical engineering technology/construction from the National Institute for Certification in Engineering Technologies (NICET) <input type="checkbox"/> Intern Engineer with relevant experience <input type="checkbox"/> RDP with relevant experience
<input type="checkbox"/> Inspection of Fabricators	<input type="checkbox"/> Precast: Current ICC Reinforced Concrete certification plus one year relevant exp <input type="checkbox"/> Bar Joist: see welding requirements <input type="checkbox"/> Metal Building: see welding requirements <input type="checkbox"/> Structural Steel: see welding requirements
<input type="checkbox"/> Seismic Items not addressed elsewhere	<input type="checkbox"/> Qualified person with one year of relevant experience <input type="checkbox"/> RDP with relevant experience <input type="checkbox"/> Intern Engineer with relevant experience
<input type="checkbox"/> Exterior Insulation and Finish System	<input type="checkbox"/> RDP with relevant experience <input type="checkbox"/> Intern Engineer with relevant experience
<input type="checkbox"/> Smoke Control	<input type="checkbox"/> Expertise in fire protection engineering, mechanical engineering and certified as an air balancer <input type="checkbox"/> The RDP responsible for design
<input type="checkbox"/> Fire-Resistant Penetrations & Joints, Special Cases	<input type="checkbox"/> Qualified person with one year of relevant experience <input type="checkbox"/> RDP with relevant experience <input type="checkbox"/> Intern Engineer with relevant experience

Contractor's Statement of Responsibility Form

SUCF Project No: _____
Project Title: _____
Contractor: _____

Contractor's Acknowledgement of Special Requirements

I hereby acknowledge that I have received, read and understand there are special requirements contained in the contract documents. I hereby acknowledge control will be exercised to obtain conformance with the contract documents.

As the Contractor, I will coordinate with the Special Inspector(s) in order to accommodate all inspections and tests as required. I will integrate all inspection activities as provided by the Special Inspector into the Project Schedule.

I understand if this box is checked, this project includes the construction of a seismic-force-resisting system and / or a wind-force-resisting system as noted on page 2 of the Statement of Special Inspections.

(Print name / Signature / date)

Fabricator's Certificate of Compliance Form

SUCF Project No: _____
Project Title: _____
Contractor: _____
Fabricator: _____

Fabricated Item: *Structural, load-bearing or lateral load-resisting members of assemblies consisting of materials assembled prior to installation in a building or structure, or subject to operations such as heat treatment, thermal cutting, cold working or reforming after manufacture and prior to installation in a building or structure. Materials produced in accordance with standards referenced by this code, such as rolled structural steel shapes, steel reinforcing bars, masonry units and wood structural panels, or in accordance with a referenced standard that provides requirements for quality control done under the supervision of a third-party quality control agency, are not "fabricated items".*

In lieu of special inspections during fabrication, a fabricator shall provide with the initial shop drawings for consideration:

- The fabricator's written procedural and quality control manuals AND
- Documentation from the most recent audit of fabrication practices.

Date of Last Audit: _____ **Company that conducted the Audit:**
Contact Person: _____ **Name:** _____ **Address:** _____

For ease in evaluation, the Fabricator may attach copies of a Fabricator's Certification or a copy of the latest building code evaluation service report, if applicable.

Date of most recent Approval: _____ **Certification Number:** _____
Certificate issued by: Name: _____ Address: _____
Contact Person: _____

.....
Post Fabrication Certification:

Provide a description of the structural, load bearing or lateral load-resisting assemblies that have been fabricated:

I hereby certify the items described above were fabricated in strict accordance with the approved contract documents.

(Print Name / Signature)

(Print title)

Special Inspector / Approved Agency Final Report

SUCF Project No: _____
Project Title: _____
Contractor: _____
Special Inspector / Approved Agency: _____

We have completed the specified inspections and testing as identified in the Statement of Special Inspections dated _____. To the best of my information, knowledge and belief, the inspections we have completed have been performed and all discovered discrepancies have been reported to the Registered Design Professional in Responsible Charge.

All interim reports submitted prior to this Final Report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,

(Signature / date)

(Seal or Certification)

(Print name)

(Print title)