

# Statement of Special Inspections

Project: [Redacted]

Location: [Redacted]

Owner: [Redacted]

Owner's Address: [Redacted]

Architect of Record: [Redacted]

Structural Engineer of Record: [Redacted]

This Statement of Special Inspections is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code of New York State. It includes a Schedule of Special Inspection Services applicable to this project as well as the name of the Special Inspector and the identity of other approved agencies intended to be retained for conducting these inspections. This Statement of Special Inspections encompass the following disciplines:

- Structural
- Mechanical/Electrical/Plumbing
- Architectural
- Other: \_\_\_\_\_

The Special Inspector shall keep records of all inspections and shall furnish inspection reports to the Code Enforcement Official, Structural Engineer and Architect of Record. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Code Enforcement Official, Structural Engineer and Architect of Record. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Code Enforcement Official, Owner, Structural Engineer and Architect of Record.

A Final Report of Special Inspections documenting completion of all required Special Inspections and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

**Interim Report Frequency:** As determined by the Special Inspector and the Code Enforcement Official.

Prepared by: [Redacted]

[Redacted Signature]

9/4/08  
Date

[Redacted Seal Area]

Design Professional Seal

Owner's Authorization:

[Redacted Signature]

Signature Date

Code Enforcement Official's Acceptance:

Signature Date

[Redacted]

# Schedule of Inspection and Testing Agencies

Project: [REDACTED]

<p><i>Concrete Construction</i></p> <p>Firm Name: <u>TBD</u></p> <p>Address: _____</p> <p>Phone: _____</p> <p>Inspectors</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p><i>Masonry Construction</i></p> <p>Firm Name: <u>TBD</u></p> <p>Address: _____</p> <p>Phone: _____</p> <p>Inspectors</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p><i>Spray-Applied Fireproofing</i></p> <p>Firm Name: <u>TBD</u></p> <p>Address: _____</p> <p>Phone: _____</p> <p>Inspectors</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p>	<p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p>
<p><b>Owner's Inspection Agency – Shop (OIAS)</b></p> <p><i>Steel Construction</i></p> <p>Firm Name: <u>TBD</u></p> <p>Address: _____</p> <p>Phone: _____</p> <p>Inspectors</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p>



# Quality Assurance Plan

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Project: 

## Quality Assurance for Seismic Resistance

Seismic Design Category: B  
Seismic Use Group: I  
Quality Assurance Plan Required (Y/N): No

Description of seismic force resisting system and designated seismic systems:

N/A.

## Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust): 90  
Wind Exposure Category: C  
Quality Assurance Plan Required (Y/N): No

Description of wind force resisting system and designated wind resisting components:

N/A.

## Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

# Soils and Foundations

Project: [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard
		Periodic	Continuous	Periodic	Continuous		
<b>1. Site Preparation:</b>  a. Inspect subgrade soils and bearing strata for preparation in accordance with construction documents and/or geotechnical engineering report.  b. Inspect soil bearing surfaces for consistency with geotechnical engineering report and to verify soil bearing capacity.  c. Inspect water control methods and surface protection.  d. Observe proof rolling of subgrade to identify areas of unsuitable soils.  e. Observe removal of unsuitable soil and stabilization of subgrade soils, if necessary.	GE, OIAF	X				X	BCNYS 1704.7 BCNYS 1704.7.1
		X				X	
		X				X	
			X			X	
			X			X	
<b>2. Fill Material and Placement</b>  a. Inspect and test fill materials for compliance with the project specifications and/or geotechnical engineering report.  b. Perform laboratory compaction tests in accordance with the project specifications to determine optimum water content and maximum dry density.  c. Verify correct use and placement of fill materials, including maximum lift thicknesses, in accordance with the construction drawings and project specifications.  d. Perform field density tests of the in-place fill material to verify compliance with the project specifications and/or geotechnical engineering report.	GE, OIAF	X				X	BCNYS 1704.7  BCNYS 1704.7  BCNYS 1704.7.2  BCNYS 1704.7.3
		X				X	
		X				X	
		X				X	

# Structural Steel

Project: [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard
		Periodic	Continuous	Periodic	Continuous		
<p><b>1. Fabricator Certification/Quality Control Procedures:</b></p> <p>a. Verify that each Fabricator maintains a complete, accurate, and detailed fabrication and quality control procedure evaluated relative to the Code requirements and Fabricator's scope of work. Inspections of plant are to be made based on these programs.</p>	SER, OIAS, FQP	X				X	BCNYS 1704.2
<p><b>2. Material verification of high-strength bolts, nuts, and washers:</b></p> <p>a. Identification markings conform to ASTM standards specified in the approved construction documents.</p> <p>b. Manufacturer's certificate of compliance required.</p>	OIAS, OIAF, FQP, CQP	X				X	Applicable ASTM material specifications AISC ASD, Section A3.4  AISC LRFD Section A3.3
<p><b>3. Inspection of high-strength bolting:</b></p> <p>a. Bearing-type connections.</p> <p>b. Slip-critical connections.</p> <p>c. Anchor bolts.</p> <p>d. Inspect the following:</p> <ol style="list-style-type: none"> <li>1. Size.</li> <li>2. Type.</li> <li>3. Geometry.</li> <li>4. Projection.</li> <li>5. Washers.</li> <li>6. Nuts.</li> <li>7. Nut Engagement.</li> <li>8. Tightness.</li> </ol>	OIAS, OIAF, CQP	X				X	AISC LRFD Section M2.5 BCNYS 1704.3.3

# Structural Steel

Project [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard
		Periodic	Continuous	Periodic	Continuous		
2. Reinforcing steel resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls and shear reinforcement. 3. Shear reinforcement. 4. Other reinforcing steel.			X				
7. Inspection of steel frame joint details for compliance with approved construction documents: a. Details such as bracing and stiffening. b. Member locations. c. Application of joint details at each connection. d. Inspect size, grade of steel, camber, etc.	OIAS, OIAF, FQP, CQP	X				X	BCNYS 1704.3.2
8. Inspect open web steel joists for: a. Size. b. Placement (spacing). c. Bearing elevation and length. d. Connections to structure. e. Bridging installation. e. All welds on a minimum of 5% of joists, randomly selected.	OIAF, CQP	X					AWS D1.1 SJI Specifications Applicable ASTM specifications
9. Inspect metal floor and roof decks for: a. Gage.	OIAF, CQP	X				X	ASCE 3, ASCE 9 AWS D1.3 BCNYS 1704.3 BCNYS 2205

# Cold Formed Metal Framing

Project: [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard
		Periodic	Continuous	Periodic	Continuous		
<b>1. Fabricator Certification/Quality Control Procedures:</b>  a. Verify that each Fabricator maintains a complete, accurate, and detailed fabrication and quality control procedure evaluated relative to the Code requirements and Fabricator's scope of work.	SER, OIAS, FQP	X				X	BCNYS 1704.2
<b>2. Material verification of cold formed metal framing and connectors:</b>  a. Identification markings conform to ASTM standards specified in the approved construction documents.  b. Manufacturer's certificate of compliance required.	OIAS, OIAF, FQP, CQP	X				X	Applicable ASTM material specifications.
<b>3. Material verification of weld filler materials:</b>  a. Identification markings conform to AWS specification in the approved construction documents.  b. Manufacturers certificate of compliance.	OIAF, OIAS, FQP, CQP, SER	X				X	AWS D1.3
<b>4. Inspection of screws, bolts, and other fasteners:</b>  a. Inspect: <ol style="list-style-type: none"> <li>1. Size.</li> <li>2. Type.</li> <li>3. Geometry/spacing.</li> <li>4. Quantity.</li> <li>5. Projection.</li> <li>6. Engagement/penetration.</li> <li>7. Nuts and nut engagement.</li> <li>8. Washers</li> <li>9. Tightness.</li> </ol>	OIAF, CQP	X				X	BCNYS 1707.4



# Cast-in-Place Concrete

Project: [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard
		Periodic	Continuous	Periodic	Continuous		
<b>1. Inspection of reinforcing steel, including prestressing tendons:</b>  a. Grade and size. b. Quantity. c. Location. d. Condition. e. Cover. f. Supports. g. Inspect damage to epoxy reinforcement. h. Splices. i. Grouted dowels. j. For each of the following: 1. Isolated spread footings. 2. Continuous footings and walls. 3. Slabs on grade. 4. Suspended slabs 5. Patios, driveways, and sidewalks. 6. Grade beams and basement walls. 7. Retaining walls 8. Other concrete not listed above.	OIAF, CQP	X				X	ACI 318: 3.5, 7.1-7.5
		X				X	BCNYS 1903.5, 1907.1, 1907.7, 1914.4
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
		X				X	
<b>2. Inspection of reinforcing steel welding in accordance with Steel Inspections, Item 6b.</b>	OIAF, CQP	X	X				AWS D1.4; ACI 318: 3.5.2; BCNYS 1903.5.2
<b>3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.</b>	OIAF		X			X	BCNYS 1912.5

# Cast-in-Place Concrete

Project: [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard
		Periodic	Continuous	Periodic	Continuous		
c. For each of the following: 1. Isolated spread footings. 2. Continuous footings and walls. 3. Slabs on grade. 4. Suspended slabs 5. Patios, driveways, and sidewalks. 6. Grade beams and basement walls. 7. Retaining walls 8. Other concrete not listed above.  <b>8. Inspection of prestressed concrete:</b>  a. Inspect tensioning and anchorage of tendons.  b. Inspect damage to strand shells.  c. Grouting of bonded prestressing tendons in the seismic-force-resisting system.	OIAF, CQP	X X X X X X X				X X X X  X  X  X	ACI 318: 18.18, 18.16.4
<b>9. Erection of precast concrete members.</b>	OIAF, CQP	X					ACI 318: Ch. 16
<b>10. Verification of in-situ concrete strength prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs.</b>	OIAF, CQP	X					ACI 318: 6.2; BCNYS 1906.2
<b>11. Formwork</b>  a. Inspect form geometry, dimensions, and tightness.  b. Inspect form surfaces, tie type and layout for architectural concrete.	OIAF, CQP	X  X				X  X	

# Level 1 Masonry

Project: [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard	
		Periodic	Continuous	Periodic	Continuous			
<b>3. Prior to grouting, verify the following:</b> a. Grout space is clean and free from mortar droppings and debris. b. Placement of reinforcement and connectors. c. Placement of prestressing tendons and anchorages. d. Proportions of site-prepared grout. e. Proportions of site-prepared grout for bonded tendons. d. Construction of mortar joints.	OIAF, CQP	X				X	ACI 530/	ACI 530.1/
		X				X	1.12	3.2D
		X				X	1.12	3.4
		X				X		3.4
		X				X		2.6B
		X				X		2.6B
<b>4. During construction observe and verify the following:</b> a. Grout placement to ensure compliance with the Building Code and Construction Documents. b. Grouting of prestressed bonded tendons.	OIAF		X			X		3.5
			X					3.6C
<b>5. Observe preparation of any require grout specimens, mortar specimens and/or prisms.</b>	OIAF		X			X		1.4
<b>6. Verify compliance with required inspection provisions of the Construction Documents and approved shop drawings/submittals.</b>	SI, OIAF	X				X		1.5

# Spray-Applied Fireproofing

Project: [REDACTED]

Verification and Inspection	Agent	General		Seismic		Required	Reference Standard
		Periodic	Continuous	Periodic	Continuous		
<p><b>6. Verify that installed fireproofing cohesive/adhesive bond achieves minimum strength of 150 lb. / sq. ft.</b></p> <p>a. Floor, Roof, and Wall Assemblies: Bond strength testing shall be performed on test samples selected at a rate of (1) per 10,000 SF of sprayed area on each floor.</p> <p>b. Structural Framing Members: Bond strength testing shall be performed on test samples selected at a rate of (1) for each type of framing member (beams, girders, joists, columns, etc) per 10,000 SF of sprayed area on each floor.</p>	OIAF	X				X	BCNYS 1704.11.5; ASTM E 736
		X				X	
		X				X	