



NYS EDUCATION DEPARTMENT
Office of Facilities Planning
Room 1060 EBA
Albany, NY 12234

STATEMENT OF SPECIAL INSPECTIONS AND TESTS
 As required by the Building Code of NYS (BCNYS)

BCNYS § 1704.1.1 requires the project Design Professional to complete the Statement of Special Inspections and Tests. Completion of the Statement of Special Inspections & Tests and submission to the Office of Facilities Planning with the Construction Permit Application is a condition for issuance of the Building Permit.

School District _____ Building _____

Project Title _____

SED Project # _____ Project Address _____

Architect/Engineer _____

Name of Person Completing this Statement _____ Phone _____ Date _____

Comments _____

INSPECTION AND TESTING (Continuous & Periodic is as Defined by the BCNYS)	CONTINUOUS	PERIODIC	REFERENCE STANDARD	BCNYS REFERENCE	CHECK IF REQUIRED	IDENTIFY SPEC SECTION AND PROVIDE CLARIFYING NOTES IF NECESSARY
A. Steel Construction						
1. Material verification of high-strength bolts, nuts and washers.		X	Applicable ASTM material specifications. AISC ASD, Section A3.4; AISC LRFD, Section A3.3	1704.3	<input type="checkbox"/>	
2. Inspection of high-strength bolting.	X	X	AISC LRFD, Section M2.5	1704.3, 1704.3.3	<input type="checkbox"/>	
3. Material verification of structural steel.			ASTM A 6 or A 568	1704.3, 1708.4	<input type="checkbox"/>	
4. Material verification of weld filler materials.			AISC, ASD, Section A3.6; AISC LRFD, Section A3.5	1704.3	<input type="checkbox"/>	
5. Inspection of welding:			AWS D1.1, D1.3, D1.4; ACI 318: 3.5.2	1704.3, 1704.3.1, 1903.5.2	<input type="checkbox"/>	
a. Structural steel	X	X			<input type="checkbox"/>	
b. Reinforcing steel	X	X			<input type="checkbox"/>	
6. Inspection of steel frame joint details.		X		1704.3, 1704.3.2	<input type="checkbox"/>	
B. Concrete Construction						
1. Inspection of reinforcing steel, including prestressing tendons, and placement.		X	ACI 318: 3.5, 7.1-7.7	1704.4, 1903.5, 1907.1, 1907.7, 1914.4	<input type="checkbox"/>	

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2. Inspection of reinforcing steel welding.			AWS D1.4; ACI 318: 3.5.2		1704.4, 1903.5.2	<input type="checkbox"/>	
3. Inspection of bolts to be installed in concrete prior to and during placement.	X				1704.4, 1912.5	<input type="checkbox"/>	
4. Verify use of required design mix.		X	ACI 318: Ch. 4, 5.2-5.4		1704.4, 1904, 1905.2-1905.4, 1914.2, 1914.3	<input type="checkbox"/>	
5. Sampling fresh concrete: slump, air content, temperature, strength test specimens.	X		ASTM C 172, C 31; ACI 318: 5.6, 5.8		1704.4, 1905.6, 1914.10	<input type="checkbox"/>	
6. Inspection of placement for proper application techniques.	X		ACI, 318: 5.9, 5.10		1704.4, 1905.9, 1905.10, 1914.6, 1914.7, 1914.8	<input type="checkbox"/>	
7. Inspection for maintenance of specified curing temperature and techniques.		X	ACI, 318: 5.11, 5.13		1704.4, 1905.11, 1905.13, 1914.9	<input type="checkbox"/>	
8. Inspection of prestressed concrete.	X		ACI 318: 18.18, 18.164		1704.4	<input type="checkbox"/>	
9. Erection of precast concrete members.		X	ACI 318: Ch. 16		1704.4	<input type="checkbox"/>	
10. Verification of in-situ concrete strength prior to stressing of tendons and prior to removal of shores and forms from beams and slabs.		X	SVI 318: 6.2		1704.4, 1906.2	<input type="checkbox"/>	
C. Masonry Construction L1 = Level 1 Inspection required for nonessential facilities. L2 = Level 2 Inspection required for essential facilities. In general, schools are not considered essential facilities unless they are a designated emergency shelter.			ACI 530/ ASCE 5/TMS 402, Ch. 35	ACI 530.1/ ASCE 6/TMS 602, Ch. 35			
1. Verify to ensure compliance:							
a. Proportions of site prepared mortar and grout.		X L1 L2		2.6A	1704.5	<input type="checkbox"/>	
b. Placement of masonry units and construction of mortar joints.		X L1 L2		3.3B	1704.5	<input type="checkbox"/>	
c. Location and placement of reinforcement, connectors, tendons, anchorages.		X L1 L2		3.4, 3.6A	1704.5	<input type="checkbox"/>	

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d. Prestressing technique and installation.		X L1 L2		3.6A, 3.6B	1704.5	<input type="checkbox"/>	
e. Grade and size of tendons and anchorages.		X L1 L2		2.4B, 2.4H	1704.5	<input type="checkbox"/>	
f. Grout specs prior to grouting.	X L2			3.2D	1704.5	<input type="checkbox"/>	
g. Placement of grout.	X L2			3.5	1704.5	<input type="checkbox"/>	
h. Grouting of tendons.	X L2			3.6C	1704.5	<input type="checkbox"/>	
2. Inspection shall verify:					1704.5	<input type="checkbox"/>	
a. Size and location of structural elements.		X L1 L2		3.3G	1704.5	<input type="checkbox"/>	
b. Type, size, and location of anchors.	X L2	X L1	1.15.4, 2.1.1		1704.5	<input type="checkbox"/>	
c. Specified size, grade, and type of reinforcement.		X L1 L2	1012	2.4, 3.4	1704.5	<input type="checkbox"/>	
d. Welding of reinforcing bars.	X L1 L2		2.1.8.6, 2.1.8.6		1704.5, 2108.9.2.11	<input type="checkbox"/>	
e. Cold/hot weather protection of masonry construction.		X L1 L2		108	1704.5, 2104.3, 2104.4	<input type="checkbox"/>	
f. Prestressing force measurement and application.	X L2	X L1		3.6B	1704.5	<input type="checkbox"/>	
3. Inspection prior to grouting.		X L1 L2	1.12	3.2D, 3.4, 2.6B, 3.3B	1704.5	<input type="checkbox"/>	
4. Grout placement.	X L1 L2			3.5, 3.6C	1704.5	<input type="checkbox"/>	
5. Preparation of grout specimens, mortar specimens, and/or prisms.	X L1 L2			1.4	1704.5	<input type="checkbox"/>	
6. Compliance with documents and submittals.		X L1 L2		1.5	1704.5	<input type="checkbox"/>	
D. Wood Construction: Fabrication of wood structured elements and assemblies.					1704.6, 1704.2	<input type="checkbox"/>	
E. Soils							
1. Site preparation.					1704.7.1	<input type="checkbox"/>	
2. During fill placement.					1704.7.2	<input type="checkbox"/>	
3. Evaluation of in-place density.					1704.7.3	<input type="checkbox"/>	

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F. Pile Foundations: Installation and load tests.				1704.8	<input type="checkbox"/>	
G. Pier Foundations: Seismic Design Category C, D, E, F.				1704.9, 1616.3	<input type="checkbox"/>	
H. Wall Panels and Veneers: Seismic Design Category E, F.				1704.10, 1616.3, 1704.5	<input type="checkbox"/>	

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I. Sprayed Fire-Resistant Materials						
1. Structural member surface conditions.				1704.11.1	<input type="checkbox"/>	
2. Application.				1704.11.2	<input type="checkbox"/>	
3. Thickness.			ASTM E 605	1704.11.3	<input type="checkbox"/>	
4. Density.			ASTM E 605	1704.11.4	<input type="checkbox"/>	
5. Bond strength.			ASTM E 736	1704.11.5	<input type="checkbox"/>	
J. Exterior Insulation and Finish Systems (EIFS)						
K. Special Cases						
L. Smoke Control						
M. Special Inspections for Seismic Resistance: Applicable to specific structures, systems, and components.						
1. Structural steel.	X		AISC Seismic	1707.2	<input type="checkbox"/>	
2. Structural wood.	X			1707.3	<input type="checkbox"/>	
3. Cold-formed steel framing.		X		1707.4	<input type="checkbox"/>	
4. Storage racks and access floors.		X		1707.5	<input type="checkbox"/>	
5. Architectural components.		X		1707.6	<input type="checkbox"/>	
6. Mechanical and electrical components.		X		1707.7	<input type="checkbox"/>	
7. Seismic isolation system.		X		1707.8	<input type="checkbox"/>	
N. Structural Testing for Seismic Resistance: Applicable to specific structures, systems, and components.						
1. Testing and verification of masonry materials and assemblies.				1708.1	<input type="checkbox"/>	
2. Testing for seismic resistance.				1708.2	<input type="checkbox"/>	
3. Reinforcing and prestressing steel.			ACI 318	1708.3, 1903.5.2	<input type="checkbox"/>	
4. Structural steel.			AISC Seismic	1708.5	<input type="checkbox"/>	
5. Mechanical and electrical equipment.				1708.5	<input type="checkbox"/>	
6. Seismically isolated structures.				1708.6, 1623.8	<input type="checkbox"/>	
O. Structural Observations						
Applicable to specific structures.				1709.1	<input type="checkbox"/>	
P. Test Safe Load						
Q. In-Situ Load Tests						
R. Preconstruction Load Tests						
S. Other (list)						

