



STATE OF NEW YORK  
OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION GROUP  
THE GOVERNOR NELSON A. ROCKEFELLER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242



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**ADDENDUM NO. 1 TO PROJECT NO. 44475**

**CONSTRUCTION WORK  
Replace Boardwalk  
Taconic Correctional Facility  
250 Harris Road  
Bedford Hills, NY 10507**

January 10, 2014

**NOTE:** This Addendum forms a part of the Contract Documents. Insert it in the Project Manual.  
Acknowledge receipt of this Addendum in the space provided on the Bid Form.

**SPECIFICATIONS**

- a. STATEMENT OF SPECIAL INSPECTIONS BDC-406.1: Add the attached document (pages 1 through 6) to the Project Manual.

**END OF ADDENDUM**

James Dirolf, P.E.  
Director of Design



**STATEMENT OF SPECIAL INSPECTIONS**

Project No.: **44475**

Instructions: BCNYS Section 1704.1.1 requires the project Design Professional to complete the Statement of Special Inspections as a condition for issuance of the Construction Permit. Complete each section of this form as applicable, and submit it to the Code Compliance Manager with the Summary of Special Inspections (BDC 406) and Construction Permit Application (BDC 399).

PROJECT INFORMATION:	DESIGNER INFORMATION:	CONSTRUCTION INFORMATION:	
Project Description: <i>(Project Title, Facility Name and Address)</i> <b>Replace Boardwalk Taconic Correctional Facility 250 Harris Road Bedford Hills, New York</b>	Architect/Engineer/Consultant: <b>CHA</b>	Engineer In Charge:	Region:
	Name of Person Completing Form: <i>(if different from above)</i> <b>Frank Iuliano</b>	Name of Person Completing Form: <i>(if different from above)</i>	
	Phone: <b>518-453-2862</b>	Date: <b>12-13-13</b>	Phone:
Business Unit:	Comments:	Comments:	
Team Leader:			

Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
	<b>A. Steel Construction</b>							
<input type="checkbox"/>	1. Material verification of high-strength bolts, nuts, and washers.		<input type="checkbox"/>	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.	<input type="checkbox"/>	<input type="checkbox"/>	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			

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<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	<input type="checkbox"/>	<input type="checkbox"/>					
<input type="checkbox"/>	b. Reinforcing steel	<input type="checkbox"/>	<input type="checkbox"/>					
	6. Inspection of steel frame joint details		<input type="checkbox"/>		1704.3, 1704.3.2			
	<b>B. Concrete Construction</b>							
<input checked="" type="checkbox"/>	1. Inspection of reinforcing steel, including prestressing tendons, and placement		<input checked="" type="checkbox"/>	ACI 318: 3.5, 7.1-7.7	1704.4, 1903.5, 1907.1, 1907.7, 1914.4		<b>Inspect Reinforcing steel before each pour</b>	
<input type="checkbox"/>	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.	<input type="checkbox"/>			1704.4, 1912.5			
<input checked="" type="checkbox"/>	4. Verify use of required design mix.		<input checked="" type="checkbox"/>	ACI 318: Ch. 4, 5.2-5.4	1704.4, 1904, 1905.2-1905.4, 1914.2, 1914.3		<b>Verify each truck load</b>	
<input checked="" type="checkbox"/>	5. Sampling fresh concrete: slump, air content, temperature, strength test specimens.	<input checked="" type="checkbox"/>		ASTM C 172, C 31; ACI 318: 5.6, 5.8	1704.4, 1905.6, 1914.10		<b>Sample each batch of concrete and make 3 cylinders per batch. Compressive test shall be performed on the following days, 1 day, 7 day and 28 day for each batch of concrete used. The test results shall be submitted for approval.</b>	
<input type="checkbox"/>	6. Inspection of placement for proper application techniques.	<input type="checkbox"/>		ACI 318: 5.9, 5.10	1704.4, 1905.9, 1905.10, 1914.6, 1914.7, 1914.8			
<input checked="" type="checkbox"/>	7. Inspection for maintenance of specified curing temperature and techniques.		<input checked="" type="checkbox"/>	ACI 318: 5.11, 5.13	1704.4, 1905.11, 1905.13, 1914.9		<b>1) inspection per day during concrete placement operations and (1) inspection at the end of each day/pour</b>	
<input type="checkbox"/>	8. Inspection of prestressed concrete.	<input type="checkbox"/>		ACI 318: 18.20, 18.18.4	1704.4			
<input type="checkbox"/>	9. Erection of precast concrete members.		<input type="checkbox"/>	ACI 318: Ch. 16	1704.4			

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<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.		<input type="checkbox"/>	ACI 318: 6.2	1704.4, 1906.2		<b>Verify required strength is achieved prior to loading the foundation.</b>	
	<b>C. Masonry Construction</b> L1 = Level 1 Inspection required for nonessential facilities. L2 = Level 2 Inspection required for essential facilities. See 1704.5 for clarification.			ACI 530/ ASCE 5/TMS 402, Ch. 35	ACI 530.1/ ASCE 6/TMS 602, Ch. 35			
	1. Verify to ensure compliance:							
<input type="checkbox"/>	a. Proportions of site prepared mortar and grout.		<input type="checkbox"/> L1 <input type="checkbox"/> L2		2.6A	1704.5		
<input type="checkbox"/>	b. Placement of masonry units and construction of mortar joints.		<input type="checkbox"/> L1 <input type="checkbox"/> L2		3.3B	1704.5		
<input type="checkbox"/>	c. Location and placement of reinforcement, connectors, tendons, anchorages.		<input type="checkbox"/> L1 <input type="checkbox"/> L2		3.4, 3.6A	1704.5		
<input type="checkbox"/>	d. Prestressing technique and installation.		<input type="checkbox"/> L1 <input type="checkbox"/> L2		3.6A, 3.6B	1704.5		
<input type="checkbox"/>	e. Grade and size of tendons and anchorages.		<input type="checkbox"/> L1		2.4B, 2.4H	1704.5		
<input type="checkbox"/>	f. Grout space prior to grouting.	<input type="checkbox"/> L2			3.2D	1704.5		
<input type="checkbox"/>	g. Placement of grout.	<input type="checkbox"/> L2			3.5	1704.5		
<input type="checkbox"/>	h. Grouting of tendons.	<input type="checkbox"/> L2			3.6C	1704.5		
	2. Inspection shall verify:							
<input type="checkbox"/>	a. Size and location of structural elements.		<input type="checkbox"/> L1 <input type="checkbox"/> L2		3.3G	1704.5		
<input type="checkbox"/>	b. Type, size, and location of anchors.	<input type="checkbox"/> L2	<input type="checkbox"/> L1	1.15.4, 2.1.1		1704.5		
<input type="checkbox"/>	c. Specified size, grade, and types of reinforcement.		<input type="checkbox"/> L1 <input type="checkbox"/> L2	1.12	2.4, 3.4	1704.5		
<input type="checkbox"/>	d. Welding of reinforcement bars.	<input type="checkbox"/> L1 <input type="checkbox"/> L2		2.1.10.6, 2.1.10.6.2		1704.5		

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<input type="checkbox"/>	e. Cold/hot weather protection of masonry construction.		<input type="checkbox"/> L1 <input type="checkbox"/> L2		1.8	1704.5, 2104.3, 2104.4			
<input type="checkbox"/>	f. Prestressing force measurement and application.	<input type="checkbox"/> L2	<input type="checkbox"/> L1		3.6B	1704.5			
<input type="checkbox"/>	3. Inspection prior to grouting.		<input type="checkbox"/> L1 <input type="checkbox"/> L2	1.12	3.2D, 3.4, 2.6B, 3.3B	1704.5			
<input type="checkbox"/>	4. Grout placement.	<input type="checkbox"/> L1 <input type="checkbox"/> L2			3.5, 3.6C	1704.5			
<input type="checkbox"/>	5. Preparation of grout specimens, mortar specimens, and/or prisms.	<input type="checkbox"/> L1 <input type="checkbox"/> L2			1.4	1704.5, 2105.2.2, 2105.3			
<input type="checkbox"/>	6. Compliance with documents and submittals.		<input type="checkbox"/> L1 <input type="checkbox"/> L2		1.5	1704.5			
<input type="checkbox"/>	<b>D. Wood Construction</b> Fabrication of wood structural elements and assemblies.					1704.6, 1704.2			
	<b>E. Soils</b>								
<input type="checkbox"/>	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"/>	<b>F. Pile Foundations</b> Installation and load tests.					1704.8			
<input type="checkbox"/>	<b>G. Pier Foundations</b> Seismic Design Category (SDC) C, D, E, F.					1704.9, 1616.3			
<input type="checkbox"/>	<b>H. Wall Panels and Veneers</b> Seismic Design Category (SDC) E, F.					1704.10, 1616.3, 1704.5			
	<b>I. Sprayed Fire-Resistant Materials</b>								
<input type="checkbox"/>	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			

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<input type="checkbox"/>	<b>J. Exterior Insulation and Finish Systems (EIFS)</b>				1704.12			
<input checked="" type="checkbox"/>	<b>K. Special Cases</b>				1704.13		<b>Periodic inspection of the structural framing and bolted connections for the fiberglass shapes &amp; bolts.</b>	
<input type="checkbox"/>	<b>L. Smoke Control</b>				1704.14			
	<b>M. Special Inspections for Seismic Resistance</b> Applicable to specific structures, systems, and components.							
<input type="checkbox"/>	1. Structural steel.	<input type="checkbox"/>		AISC Seismic	1707.2			
<input type="checkbox"/>	2. Structural wood.	<input type="checkbox"/>	<input type="checkbox"/>		1707.3			
<input type="checkbox"/>	3. Cold-formed steel framing.		<input type="checkbox"/>		1707.4			
<input type="checkbox"/>	4. Storage racks and access floors.		<input type="checkbox"/>		1707.5			
<input type="checkbox"/>	5. Architectural components.		<input type="checkbox"/>		1707.6			
<input type="checkbox"/>	6. Mechanical and electrical components.		<input type="checkbox"/>		1707.7			
<input type="checkbox"/>	7. Seismic isolation system.		<input type="checkbox"/>		1707.8			
	<b>N. Structural Testing for Seismic Resistance</b> Applicable to specific structures, systems, and components.							
<input type="checkbox"/>	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	1708.4			
<input type="checkbox"/>	5. Mechanical and electrical equipment.				1708.5			
<input type="checkbox"/>	6. Seismically isolated structures.				1708.6, 1623.1			

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<input type="checkbox"/>	<b>O. Structural Observations</b> Applicable to specific structures.				1709.1			
<input type="checkbox"/>								
<input type="checkbox"/>								
<input type="checkbox"/>								