Project: 123 Cumberland Ave
Date Prepared: 4-30-18

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/02/18

Structural Statement of Special Inspections

Project: *Renovations to 123 Cumberland Ave*

Location: *123 Cumberland Ave*

Owner:

This *Statement of Special Inspections* encompass the following discipline: **Structural**

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. It includes a schedule of Special Inspection services applicable to this project as well as the name of approved agencies to be retained for conducting these inspections and tests.

The approved agencies shall keep records of all Structural inspections and shall furnish inspection reports to the Building Code Official (BCO) and the Structural Registered Design Professional in Responsible Charge (SRDP). 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 Building Official and the Structural Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Structural Registered Design Professional in Responsible Charge at an interval determined by BCO.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted to the BCO 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: Upon request of the Building Official

Prepared by:

Aaron C. Jones
(type or print name of the Structural Registered Design Professional in Responsible Charge)

Signature

4-30-18
Date

STATE OF MAINE
AARON C. JONES
No. 10968
LICENSED
PROFESSIONAL ENGINEER

Design Professional Seal

Owner's Authorization:

Signature 4.30.18
Date

Building Code Official's Acceptance:

Signature Date

Project: 123 Cumberland Ave
Date Prepared: 4-30-18

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Structural Statement of Special Inspections (Continued)

List of Agents

Project: *Renovations to 123 Cumberland Ave*

Location: *123 Cumberland Ave*

Owner:

This *Statement of Special Inspections* encompass the following discipline: **Structural**

(Note: *Statement of Special Inspections* for other disciplines may be included under a separate cover)

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- ☒ Soils and Foundations
- ☒ Cast-in-Place Concrete
- ☐ Precast Concrete System
- ☐ Masonry Systems
- ☐ Structural Steel
- ☐ Wood Construction
- ☐ Special Cases

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspector (SI 1)	*S.W. Cole*	*286 Portland Rd* *Gray, ME 04039* *207-657-2866*
2. Special Inspector (SI 2)		
3. Testing Agency (TA 1)		
4. Testing Agency (TA 2)		
5. Other (O1)		

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

CITY OF PORTLAND, MAINE · RESURGAM
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Structural Statement of Special Inspections (Continued)

Final Report of Special Inspections

Note that all Agent's Final Reports must be received prior to issuance.

Project: *Renovations to 123 Cumberland Ave*
Location: *123 Cumberland Ave Portland ME*
Owner:
Owner's Address:

Architect of Record: *James P. Gauthier* (name) *J.P. Gauthier Architect* (firm)

Structural Registered Design Professional in Responsible Charge: *Aaron C. Jones* (name) *Structural Integrity* (firm)

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved.

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,

(Type or print name)

(Firm Name)

Signature Date

Licensed Professional Seal

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/02/18

Structural Statement of Special Inspections (Continued)

Special Inspector's/Agent's Final Report

Project: *Renovations to 123 Cumberland Ave*

Special Inspector or Agent: _____

(name) *(firm)*

Designation:

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Inspector/Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved.

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,
Special Inspector or Agent:

_____
(Type or print name)

_____
Signature Date

Licensed Professional Seal or
Certification Number

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/02/18

Structural Schedule of Special Inspections

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided to the Special Inspector for their records. *NOTE VERIFICATION THAT QUALIFIED INDIVIDUALS ARE AVAILABLE TO PERFORM STIPULATED TESTING AND/OR INSPECTION SHOULD BE PROVIDED PRIOR TO SUBMITTING STATEMENT. AGENT QUALIFICATIONS IN SCHEDULE ARE SUGGESTIONS ONLY; FINAL QUALIFICATIONS ARE SUBJECT TO THE DISCRETION OF THE REGISTERED DESIGN PROFESSIONAL PREPARING THE SCHEDULE.*

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge or Special Inspector of Record deems it appropriate that the individual performing a stipulated test or inspection have a specific certification, license or experience as indicated below, such requirement shall be listed below and shall be clearly identified within the schedule under the Agent Qualification Designation.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

Experienced Testing Technician

ETT	Experienced Testing Technician – An Experienced Testing Technician with a minimum 5 years experience with the stipulated test or inspection

American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.

International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Other

_____ _____

Project: 123 Cumberland Ave
Date Prepared: 4-30-18

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Structural Schedule of Special Inspections
SOILS

VERIFICATION AND INSPECTION IBC Section 1705.6	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	Y	P		S.W. Cole	PE/GE, EIT or ETT	
2. Verify excavations are extended to proper depth and have reached proper material.	Y	P		S.W. Cole	PE/GE, EIT or ETT	
3. Perform classification and testing of compacted fill materials.	Y	P		S.W. Cole	PE/GE, EIT or ETT	
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	Y	C		S.W. Cole	PE/GE, EIT or ETT	
5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	Y	P		S.W. Cole	PE/GE, EIT or ETT	

Structural Schedule of Special Inspections
CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION IBC Section 1705.3	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Inspect reinforcement, including prestressing tendons, and verify placement.	Y	P	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	S.W. Cole	PE/SE or EIT	
2. Inspect anchors cast in concrete.	Y	P	ACI 318: 17.8.2	S.W. Cole	PE/SE or EIT	
3. 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 anchors and adhesive anchors not defined in 4.a.	Y	C P	ACI 318: 17.8.2.4 ACI 318: 17.8.2	S.W. Cole	PE/SE or EIT	
4. Verify use of required design mix.	Y	P	ACI 318: Ch. 19, 26.4.3, 26.4.4	S.W. Cole	PE/SE or EIT	
5. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Y	C	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	S.W. Cole	ACI-CFTT or ACI-STT	
6. Inspect concrete and shotcrete placement for proper application techniques.	Y	C	ACI 318: 26.5	S.W. Cole	PE/SE or EIT	
7. Verify maintenance of specified curing temperature and techniques.	Y	P	ACI 318: 26.5.3-26.5.5	S.W. Cole	PE/SE or EIT	
8. Inspect formwork for shape, location and dimensions of the concrete member being formed.	Y	P	ACI 318: 26.11.1.2(b)	S.W. Cole	PE/SE or EIT	

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Contractor's Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated in the Quality Assurance Plan must submit a Statement of Responsibility. The Statement of Responsibility is required for Seismic Design Category C or higher. Make additional copies of this form as required.

Project: Renovations to 123 Cumberland Ave

Contractor's Name: Williams Construction

Address: 29 OCEAN Ave Portland ME 04103

License No.:

Description of designated building systems and components included in the Statement of Responsibility:
SOILS & FOUNDATIONS, CAST IN PLACE CONCRETE.

Contractor's Acknowledgment of Special Requirements

I hereby acknowledge that I have received, read, and understand the Quality Assurance Plan.

I hereby acknowledge that quality control will be exercised to obtain conformance with the construction documents approved by the Building Official.

Thom K Williams — Signature

5-1-18 — Date