

Statement of Special Inspections

Project: Ocean Gateway Parking Garage
Location: Portland, Maine
Owner: Ocean Gateway Garage LLC
Owner's Address: 2 Market Street, Suite 500, Portland ME 04101
Architect of Record: Scott Simons Architects
Structural Engineer of Record: Simon Design Engineering, LLC

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection requirements of the International Building Code. 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.

The Special Inspector shall keep records of all inspections and shall furnish inspection reports to the Building Official, Structural Engineer of Record, 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 Building Official, Structural Engineer of Record, 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 Building Official, Owner, Structural Engineer of Record, 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: Monthly

Prepared by:
Alan H. Simon, P.E.

Signature date



Owner's Authorization:

Building Official's Acceptance:

Signature date

Signature date

Schedule of Special Inspection Services

The following sheets comprise the required schedule of special inspections for this project. The construction divisions which require special inspections for this project are as follows:

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| <ul style="list-style-type: none"> X Soils and Foundations X Cast-In-Place Concrete X Precast Concrete X Masonry X Structural Steel | <ul style="list-style-type: none"> Cold-Formed Steel Framing X Spray Fire Resistive Material Wood Construction Exterior Insulation and Finish System Special Cases |
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Inspection Agents	Firm	Address
1. Special Inspector Richard Libardoni	Intercontinental Developers Inc.	1270 Soldiers Field Rd. Boston, MA
2. Testing Laboratory	TBD.	
3. Testing Laboratory Wayne Chadbourne	Haley & Aldrich, Inc.	75 Washington Avenue Suite 203 Portland, Maine 04101-2617
4. Testing Laboratory	TBD	

Note: The qualifications of all personnel performing Special Inspection activities are subject to the approval of the Building Official.

The inspection and testing agent 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.

The credentials of all inspectors and testing technicians shall be provided if requested.

It is recommended that the person administering the Special Inspections program be a Professional Engineer experienced in the design of buildings.

Key for Minimum Qualifications of Inspection Agents (where indicted on Schedule)	
PE	Professional Engineer
EIT	Engineer in Training
ACI	American Concrete Institute Certified Concrete Field Testing Technician
AWS	American Welding Society Certified Welding Inspector
ASNT	American Society of Non-Destructive Testing – Level II or III

Qualifications of inspection agents may be indicted on the Schedule in instances where the Structural Engineer deems such requirements are appropriate.

Item	Agent No. (Qualif.)	Scope
1. Shallow Foundations	3 (EIT)	Inspect bearing surfaces for conformance to the requirements of the structural drawings, specifications, and/or geotechnical report
2. Controlled Structural Fill	3 (EIT)	Test material for conformance to specifications or geotechnical report. Perform laboratory compaction tests in accordance with the specifications to determine optimum water content and maximum dry density. Provide full-time inspection of the installation. Perform field density tests of the in-place fill.
3. Deep Foundations	3 (EIT)	Inspect documents identifying pile material and certifying grade of material for conformance to the Contract Documents, and that the identification is maintained from the point of manufacture to the point of delivery to the site. Perform full time inspection of installation. Maintain accurate records for each pile. Monitor dynamic pile load tests and modify pile capacity/installation as required. Record final location of each pile in plan.
4. Other	N/A	

Item	Agent No. (Qualif.)	Scope
1. Mix Design	4 SER	Review mix designs.
2. Material Certification	4 (ACI) SER	Review for conformance to specifications.
3. Reinforcement Installation	4	Inspect reinforcing for size, quantity, condition and placement.
4. Post-Tensioning Operations	N/A	Inspect tensioning and anchorage of tendons. Inspect grouting off bonded tendons.
5. Batching Plant	4 (ACI)	Review Plant quality control procedures and batching and mixing methods.
6. Formwork Geometry	4	Inspect form sizes.
7. Concrete Placement	4	Observe concrete placement operations. Verify conformance to specifications including cold-weather and hot-weather placement procedures. Perform slump, density and air content tests at point of discharge.
8. Evaluation of Concrete Strength	4	Test and evaluate in accordance with the specifications.
9. Curing and Protection	4	Observe procedures for conformance to the specifications.
10. Other		

Item	Agent No. (Qualif.)	Scope
1. Material Certification	4 SER	Review for conformance to specifications.
2. Mixing of Mortar and Grout	4	Inspect field-mixing procedures for conformance to the specifications.
3. Installation of Masonry	4	Inspect placement for conformance to the specifications.
4. Reinforcement Installation	4	Inspect reinforcing steel for size, quantity, condition and placement for conformance to approved submittals and Contract Documents. Inspect welding of reinforcement and review welder's certifications.
5. Grouting Operations	4	Inspect grouting procedures for conformance with the specifications. Inspect cells prior to grouting.
6. Weather Protection	4	Inspect protection for cold and hot weather for conformance with the specifications.
7. Evaluation of Masonry Strength	4	Verify strength in accordance with the specifications.
8. Anchors and Ties	4	Inspect anchorage of masonry to other construction for conformance to the Contract Documents.
9. Other		

Item	Agent No. (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures	2 (PE) [SER]	Review each Fabricator's quality control procedures. Inspect in-plant fabrication, or review Fabricator's approved Independent Inspection Agency's reports.
2. Material Certification	2 (PE) [SER]	Review for conformance to the specifications.
3. Open Web Steel Joists	N/A	Inspect for size, placement, bridging, bearing and connection to structure. Visually inspect all welds of a minimum of 5% of the joists, randomly selected.
4. Bolting	2 (PE)	Test and inspect bolted connections in accordance with specifications. Verify bolt size and grade.
5. Welding	2 (AWS)	Check welder qualifications. Visually inspect fillet welds and test full-penetration field welds in accordance with specifications.
6. Shear Connectors	2 (PE)	Inspect for size and placement. Test for proper weld attachment.
7. Structural Details	2 (PE)	Review for conformance to the specifications.
8. Metal Deck	2 (PE)	Verify gage, width, and type. Inspect placement, laps, welds, side lap attachment and screws or other mechanical fasteners. Check welder qualifications.
9. Other		

Item	Agent No. (Qualif.)	Scope
1. Material Specifications	4	Review for conformance to contract documents.
2. Laboratory Tested Fire Resistance Design	4	Review for conformance to contract documents.
3. Schedule of Thickness	4	Review for conformance to contract documents.
4. Surface Preparation	4	Inspect surface preparation and review for conformance to contract documents and approved submittals.
5. Application	4	Verify installation procedures. Review for conformance to contract documents and approved submittals.
6. Curing and Ambient Condition	4	Verify curing procedures and review for conformance to contract documents and approved submittals.
7. Thickness	4	Verify applied thickness and review for conformance to contract documents and approved submittals.
8. Density	4	Verify applied density and review for conformance to contract documents and approved submittals.
9. Bond Strength	4	Verify bond strength and review for conformance to contract documents and approved submittals.
10. Other		