

Statement of Special Inspections

Project: **J.B. Brown Office Building**
Location: **901 Washington Ave., Portland, Maine**
Owner: **J.B. Brown & Sons**

Design Professional in Responsible Charge: **David K. Pinkham, P.E.**

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 the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompasses the following disciplines:

- Structural Mechanical/Electrical/Plumbing
 Architectural Other: _____

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. 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 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 Registered Design Professional in Responsible Charge.

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 prior to issuance of a Certificate of Use and Occupancy.

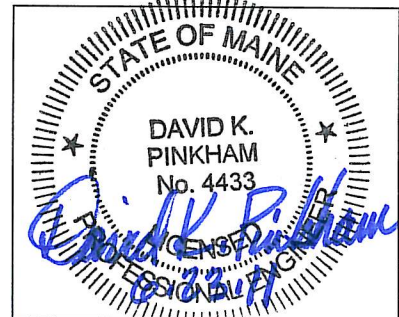
Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: *Monthly*

or per attached schedule.

Prepared by:

David K. Pinkham, P.E.
(type or print name)



David K. Pinkham
Signature

6.23.11
Date

Owner's Authorization:

Building Official's Acceptance:

Signature

Date

Signature

Date

Schedule of Inspection and Testing Agencies

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

- | | |
|------------------------------------------------------------|----------------------------------------------------------------|
| <input checked="" type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input checked="" type="checkbox"/> Cast-in-Place Concrete | <input type="checkbox"/> Wood Construction |
| <input type="checkbox"/> Precast Concrete | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input type="checkbox"/> Masonry | <input type="checkbox"/> Mechanical & Electrical Systems |
| <input checked="" type="checkbox"/> Structural Steel | <input type="checkbox"/> Architectural Systems |
| <input type="checkbox"/> Cold-Formed Steel Framing | <input type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator David K. Pinkham	<i>Pinkham & Greer Consulting Engineers</i>	<i>380 US Route 1 Falmouth, ME 04107 207-781-5242 david@pinkhamandgreer.com</i>
2. Inspector Timothy S. Dean	<i>Pinkham & Greer Consulting Engineers</i>	<i>380 U.S. Route 1 Falmouth, ME 04107 207-781-5242 tdean@pinkhamandgreer.com</i>
3. Inspector		
4. Testing Agency	<i>S.W. Cole Engineering., Inc.</i>	<i>286 Portland Road Gray, ME 04039 207-657-2866 infogray@swcole.com</i>
5. Testing Agency	<i>Quality Assurance Labs, Inc.</i>	<i>80 Pleasant Ave. South Portland, ME 04106 207-799-8911</i>
6. Other		

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.

Item	Agency # (Qualif.)	Scope
1. Shallow Foundations	4	<p><i>Inspect soils below footings for adequate bearing capacity and consistency with geotechnical report.- ALL</i></p> <p><i>Inspect removal of unsuitable material and preparation and proof rolling of subgrade prior to placement of controlled fill.- ALL</i></p>
2. Controlled Structural Fill	4	<p><i>Perform sieve tests (ASTM D422 & D1140) and modified Proctor tests (ASTM D1557) for each source of structural fill material.- SAMPLE</i></p> <p><i>Inspect placement and compaction of controlled structural fill.- SAMPLE</i></p> <p><i>Test density of fill by nuclear methods (ASTM D2922).- SAMPLE</i></p>
3. Deep Foundations	N/A	
4. Load Testing	N/A	
4. Other:	N/A	

Cast-in-Place Concrete

Item	Agency # (Qualif.)	Scope
1. Mix Design	4 1	<i>Review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.- ALL Review mix designs.- ALL</i>
2. Material Review	1	<i>Review material submittals.- ALL</i>
3. Reinforcement Installation	1, 2	<i>Review size, spacing, cover, and positioning of reinforcing steel. Verify that bars are adequately tied and supported on chairs or bolsters.- SAMPLE</i>
4. Post-Tensioning Operations	N/A	
5. Welding of Reinforcing	N/A	
6. Anchor Rods	1, 2	<i>Inspect size and embedment of anchor rods. Inspect concrete placement and consolidation around anchors.- SAMPLE</i>
7. Concrete Placement	1, 2, 4	<i>Inspect placement of concrete. Verify that concrete is properly consolidated.- SAMPLE</i>
8. Sampling and Testing of Concrete	4	<i>Test concrete compressive strength (ASTM C31 & C39), slump (ASTM C143), air-content (ASTM C231 or C173) and temperature (ASTM C1064).- SAMPLE AS DESCRIBED IN SPEC SECTION 03 30 00</i>
9. Curing and Protection	1, 2	<i>Review curing, cold weather protection and hot weather protection procedures.- ALL SLABS; SAMPLE OF OTHER CONCRETE</i>
10. Other:		

Item	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input checked="" type="checkbox"/> Fabricator Exempt	N/A	<i>Fabricator is AISC Certified, fabricator's welders are AWS Certified</i>
2. Material Review	1	<i>Review structural steel, steel joist, and metal deck shop drawings.- ALL</i>
3. Open Web Steel Joists	1, 2, 5	<i>Inspect installation, field welding and bridging of joists.- SAMPLE</i>
4. Bolting	5	<i>Inspect installation and tightening of high-strength bolts.- SAMPLE</i>
5. Welding	5,1	<i>Visually inspect welds in moment connections-ALL</i> <i>Visually inspect other field welds-SAMPLE</i> <i>Obtain evidence of field welder qualifications.- ALL</i>
6. Shear Connectors	N/A	
7. Structural Details	1, 2, 5	<i>Inspect steel frame for compliance with structural drawings, including member configuration and connection details.- ALL</i>
8. Metal Deck	5	<i>Visually inspect welding and side-lap fastening of metal roof deck.- SAMPLE</i>
9. Other:		