

Statement of Special Inspections

Project: *Maine Wharf Building 1*

Location: *68 Commercial Street, Portland, ME*

Owner: *Maine Wharf, LLC, P.O. Box 535, Buxton, ME 04093*

Design Professional in Responsible Charge: *David J. Tetreault, 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* encompass the following disciplines:

- Structural Mechanical/Electrical/Plumbing
 Architectural Other: *Fire Proofing*

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.

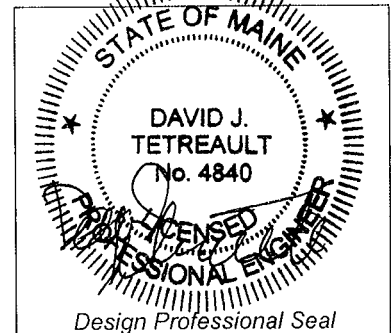
Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency:

or per attached schedule.

Prepared by:

David J. Tetreault, P.E.
(type or print name)



David J. Tetreault *06/26/15*
Signature Date

Owner's Authorization:

Building Official's Acceptance:

[Signature] *6-26-15*
Signature Date

Signature Date

Spray-Applied Fire Resistant Material

Item	Req'd Y/N	Agency # (Qualif.)	Scope
1. Material Specifications	Y	2 (R.A.)	Prepare specification for fireproofing material.
2. Laboratory Tested Fire Resistance Design	Y	2 (R.A.)	Review UL fire resistive design for each rated beam, column, or assembly.
3. Schedule of Thickness	Y	2 (R.A.)	Review approved thickness schedule.
4. Surface Preparation	Y	4 (ICC-SFSI)	Inspect surface preparation of steel prior to application of fireproofing. Verify that structural steel is unpainted and prepped per SSPC SP2.
5. Application	Y	4 (ICC-SFSI)	Periodically inspect application of fireproofing.
6. Curing and Ambient Condition	Y	4 (ICC-SFSI)	Verify ambient air temperature and ventilation is suitable for application and curing of fireproofing.
7. Thickness	Y	4 (ICC-SFSI)	Test thickness of fireproofing (ASTM E605). Perform a set of thickness measurements for every 1,000 SF of floor and roof assemblies and on not less than 25% of rated beams and columns.
8. Density	Y	4 (ICC-SFSI)	Test the density of spray foam fireproofing material (most restrictive of ASTM E605, IBC 1704.12.5 and IBC 12.6).
9. Bond Strength	Y	4 (ICC-SFSI)	Test the cohesive/adhesive bond strength of fireproofing (most restrictive of ASTM E736, IBC 1704.12.5 and IBC 12.6). Perform not less than one test for each 10,000 SF of floor and roof assemblies.

Schedule of Inspection and Testing Agencies

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

- | | |
|--|---|
| <input type="checkbox"/> Soils and Foundations | <input checked="" type="checkbox"/> Spray Fire Resistant Material |
| <input 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 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
1. Special Inspection Coordinator	<i>Structural Design Consulting, Inc.</i>	<i>2696 Lake Shore Road Unit 130 Gilford, NH 03249 603-293-8038</i>
2. Inspector	<i>Archetype, P.A.</i>	<i>48 Union Wharf Portland, ME 04101 207-772-6022</i>
3. Inspector		
4. Testing Agency	<i>R.W. Gillespie & Associates</i>	<i>86 Industrial Park Road, Suite 4 Saco, ME 04072 (207) 286-8008</i>
5. Testing Agency		
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.

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 if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
RA	Architect- A licensed RA specializing in the design of buildings
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

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.
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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
