

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: 502 Deering Center
LOCATION: 502 Stevens Avenue, Portland, Maine 04102
PERMIT APPLICANT: Denis Lachman
APPLICANTS ADDRESS: 58 Fore street Bldg 30, Portland, Maine 04101

STRUCTURAL ENGINEER OF RECORD: Joseph H. Leasure, P.E. L&L Structural Engineering Services, Inc.
Name Firm

ARCHITECT OF RECORD: Denis Lachman Lachman Architects & Planners
Name Firm


This Statement of Special Inspections is submitted in accordance with **CHAPTER 17** of the 2009 International Building Code (IBC 2009). It includes a listing of special inspections applicable to this project, as well as, the name of the Special Inspector(s), and the names of other agencies intended to be retained for conducting these inspections. We have also included a Quality Insurance Plan for Seismic Resisting Systems and Components.

The special inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Registered Design Professional of Record. All discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected the discrepancies shall be brought to the attention of the Code Official and the Registered Design Professional of Record. Interim reports shall be submitted to the Code Official and Registered Design Professional of Record monthly, unless more frequent submissions are requested by the Code Official.

Job site safety is solely the responsibility of the Contractor. Materials and activities to be inspected are not to include the Contractor's equipment and methods used to erect or install the materials listed. The special inspectors and testing agency performing the work are listed on the following pages.

Prepared BY:

Joseph H. Leasure, P.E. April, 11, 2017
NAME DATE


SIGNATURE DATE

Applicant's Authorization:
Denis Lachman 4/26/17
SIGNATURE DATE

Building Code Official:

SIGNATURE DATE

Schedule of Inspections and Testing Agencies

April 11, 2017

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 checked="" 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 | <i>L&L Structural Engineering Services, Inc.</i> | <i>Six Q Street South Portland, Maine 04106 Tel: (207) 767-4830 Fax: (207) 799-5432</i> |
| 2. Inspector #1 | <i>S. W. Cole Engineering (to be confirmed)</i> | <i>286 Portland Road Gray, Maine Tel: (207) 657-2866</i> |
| 3. Inspector #2 | <i>L&L Structural Engineering Services, Inc.</i> | <i>Six Q Street South Portland, Maine 04106 Tel: (207) 767-4830 Fax: (207) 799-5432</i> |
| 4. Inspector #3 | | |
| 5. Testing Agency #1 | <i>S. W. Cole Engineering (to be confirmed)</i> | <i>286 Portland Road Gray, Maine Tel: (207) 657-2866</i> |
| 6. Testing Agency #2 | | |

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.

Quality Assurance for Seismic Resistance

Seismic Design Category *I / Site Class "C"*
 Quality Assurance Plan Required (Y/N) *N*

Description of seismic force resisting system and designated seismic systems:

The Seismic resisting system consists of a majority of light timber framed gypsum wall board, plywood, oriented strand board or advantech sheathed shear wall panels at the upper levels as well as the first floor level.

Testing and observation as required by the Schedule of Special Inspections shall be submitted to the Engineer of Record on a monthly basis.

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) *100 mph*
 Wind Exposure Category *B*
 Quality Assurance Plan Required (Y/N) *N*

Description of wind force resisting system and designated wind resisting components:

The Wind resisting system consists of a majority of light timber framed gypsum wall board, plywood, oriented strand board or advantech sheathed shear wall panels at the upper levels as well as the first floor level.

The Quality assurance plan is not required per IBC 2009, 1706.1.1. paragraph 1.

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility to the Engineer of Record for distribution.

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 |
| 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. |
|------|---|

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 |

Exterior Design Institute (EDI) Certification

EDI-EIFS EIFS Third Party Inspector

Other
