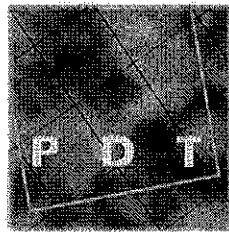




Statement of Special Inspections

**EYECARE MEDICAL GROUP
53 SEWALL STREET
PORTLAND, ME 04102**

E.M.G. - Phase 2 Addition & Renovation



ARCHITECTS

Architecture ■ Interior Design ■ Planning

49 Dartmouth Street
Portland, Maine 04101
207-775-1059 ■

www.pdtarchs.com

Project: Eyecare Medical Group – Phase 2 – Addition and Renovation
Date Prepared: 7/25/2013

Statement of Special Inspections – A/M/E/P

Project: *E.M.G. – Phase 2 - Addition and Renovation*

Location: *53 Sewall St., Portland, ME 04102*

Owner: *Eyecare Medical Group*

This Statement of Special Inspections encompass the following discipline:

Mechanical/Electrical/Plumbing

Architectural Other: _____
Design Professional in Responsible Charge:

Firm Name: PDT Architects

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

This Statement of Special Inspections is submitted as a condition for permit issuance in accordance with the Special Inspection and 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 (SIC) and the identity of other approved agencies to be retained for conducting these inspections and tests.

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Code Official (BCO) and the Registered Design Professional in Responsible Charge (RDP). 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 at an interval determined by the RDP, SIC and the 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 Building Official _____ or per attached schedule.

Prepared by:

David C. Webster

(type or print name of the Registered Design Professional in Responsible Charge)



Signature

7.25.13

Date



Owner's Authorization:



Signature

8/8/13

Date

Building Code Official's Acceptance:

Signature

Date

Statement of Special Inspections – A/M/E/P (Continued)

List of Agents

Project: *E.M.G. – Phase 2 - Addition and Renovation*
 Location: *53 Sewall St., Portland, ME 04102*
 Owner: *Eyecare Medical Group*
 This Statement of Special Inspections encompass the following discipline:

- Architectural Mechanical/Electrical/Plumbing
 Other: _____

(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:

- Spray Fire Resistant Material
 Exterior Insulation and Finish
 Mechanical & Electrical
 Architectural Systems
 Special Cases

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator (SIC)	<i>PDT Architects Contact: Aaron Klein</i>	<i>49 Dartmouth St. Portland, ME 04101 (207) 775-1059 klein@pdtarchs.com</i>
2. Special Inspector (SI 1)	<i>S.W. Cole Engineering</i>	<i>286 Portland Road Gray, ME 04039 207.657.2866 infogray@swcole.com</i>
3. Special Inspector (SI 2)		
4. Testing Agency (TA 1)	<i>S.W. Cole Engineering</i>	<i>286 Portland Road Gray, ME 04039 207.657.2866 infogray@swcole.com</i>
5. Testing Agency (TA 2)		
6. 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.

Statement of Special Inspections – A/M/E/P (Continued)

Final Report of Special Inspections (SIC)

[To be completed by the Special Inspections Coordinator (SIC). Note that all Agents' Final Reports must be received prior to issuance.]

Project: *E.M.G. – Phase 2 - Addition and Renovation*
Location: *53 Sewall St., Portland, ME 04102*
Owner: *Eyecare Medical Group*
Owner's Address: *53 Sewall St., Portland, ME 04102*

Architect of Record:	<u><i>David C. Webster</i></u> <i>(name)</i>	<u><i>PDT Architects</i></u> <i>(firm)</i>
Registered Design Professional in Responsible Charge:	<u><i>David C. Webster</i></u> <i>(name)</i>	<u><i>PDT Architects</i></u> <i>(firm)</i>

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.

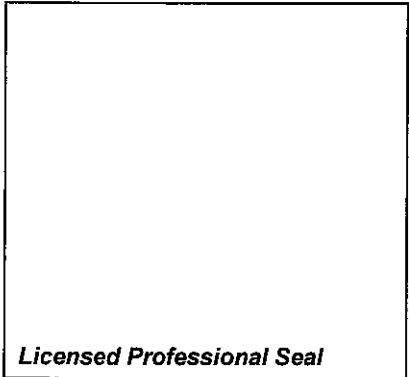
Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Special Inspection Coordinator

David C. Webster
(Type or print name)

PDT Architects
(Firm Name)

Signature Date



Project: Eyecare Medical Group – Phase 2 – Addition and Renovation
Date Prepared: 7/25/2013

Statement of Special Inspections – A/M/E/P (Continued)
Special Inspector's/Agent's Final Report

Project: *E.M.G. – Phase 2 - Addition and Renovation*

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.

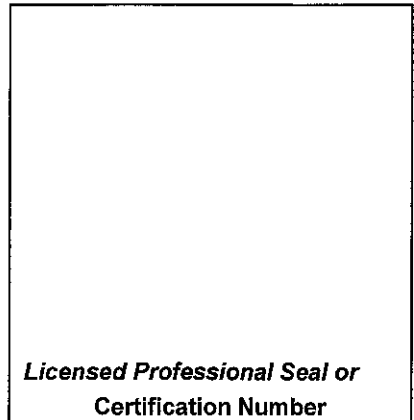
Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Special Inspector or Agent:

(Type or print name)

Signature

Date



Schedule of Special Inspections – A/M/E/P

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.

RA	Registered Architect – a licensed Registered Architect
PE	Professional Engineer – a licensed PE specializing in the discipline to be inspected
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
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International Code Council (ICC) Certification

ICC-SFSI	Spray-Applied Fireproofing Special Inspector
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Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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Other

Schedule of Special Inspections – A/M/E/P
SPRAYED FIRE-RESISTANT MATERIALS

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.12						
1. Surface Conditions: Verify surfaces are prepared in accordance with the approved fire-resistance design and the approved manufacturer's written instructions prior to application of the sprayed fire-resistant material	Y	P	IBC 1704.12.2	SI 1	ICC-SFSI	
2. Application: Verify the substrate shall have a minimum ambient temperature before and after application as specified in the approved manufacturer's written instruction. The area for application shall be ventilated during and after application as required by the approved manufacturer's written instructions.	Y	P	IBC 1704.12.3	SI 1	ICC-SFSI	
3. Thickness: Verify average thickness of the sprayed fire-resistant materials applied to structural elements shall not be less than the thickness required by the approved fire-resistance design.						
a. Floor, Roofs & Walls: The thickness of the sprayed fire-resistant material applied to floor, roof and wall assemblies shall be determined in accordance with ASTM E 605, taking the average of not less than four measurements for each 1,000 square feet (93 m ²) of the sprayed area on each floor or part thereof.						
b. Structural Members: The thickness of the sprayed fire-resistant material applied to structural members shall be determined in accordance with ASTM E 605. Thickness testing shall be performed on not less than 25 percent of the structural members on each floor.	Y	P	IBC1704.12.4.3; ASTM E605	TA 1	ICC-SFSI	
4. Density: Verify density of the sprayed fire-resistant material not be less than the density specified in the approved fire-resistant design.	Y	P	IBC1704.12.5; ASTM E605	TA 1	ICC-SFSI	
5. Bond: Verify the cohesive/adhesive bond strength of the cured sprayed fire-resistant material applied to structural elements shall not be less than 150 pounds per square foot (psf) (7.18 kN/m ²). The cohesive/adhesive bond strength shall be determined in accordance with the field test specified in ASTM E 736 by testing in-place samples.						
a. The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from each floor, roof and wall assembly at the rate of not less than one sample for every 2,500 square feet (929 m ²) or part thereof of the sprayed area in each story.						
b. The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from beams, girders, joists, trusses and columns at the rate of not less than one sample for each type of structural framing member for each 2,500 square feet (464 m ²) of floor area or part thereof in each story.	Y	P	IBC 1704.12.6.2; ASTM E 736	TA 1	ICC-SFSI	
c. Bond test to qualify a primer, paint or encapsulant shall be conducted when the sprayed fire-resistant material is applied to a primed, painted or encapsulated surface for which acceptable bond-strength performance between these coatings and the fire-resistant material has not been determined. A bonding agent approved by the SFRM manufacturer shall be applied to a primed, painted or encapsulated surface where the bond strengths are found to be less than required values						

Schedule of Special Inspections – A/M/E/P
Mastic and Intumescent Fire-Resistant Coatings

VERIFICATION AND INSPECTION IBC Section 1704.13	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Visual observation of the installation of the mastic and intumescent fire-resistant coatings						

Schedule of Special Inspections – A/M/E/P
EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

VERIFICATION AND INSPECTION IBC Section 1704.14	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Visual observation of the installation of EIFS systems without water-resistive barrier.						
2. Visual observation of the installation of EIFS systems without a means of draining moisture to the exterior.						
3. Visual observation of the installation of EIFS systems not installed over masonry or concrete walls.						
Water-resistive barrier coating: A water-resistive barrier coating shall be inspected when installed over a sheathing substrate						

Schedule of Special Inspections – A/M/E/P
SMOKE CONTROL

VERIFICATION AND INSPECTION IBC Section 1704.16	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Smoke control systems shall be tested by an agency for smoke control who shall have expertise in fire-protection engineering, mechanical engineering and certification as air balancers. The test scope shall be as follows:						
a. During erection of ductwork and prior to concealment for the purposes of leakage testing and recording of device location.						
b. Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements, and detection and control verification.						

Schedule of Special Inspections – A/M/E/P
WALL PANEL & VENEER CONSTRUCTION

VERIFICATION AND INSPECTION IBC Section 1704.10	Y/N	<u>EXTENT:</u> CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Verify exterior and interior architectural wall panels and the anchoring of veneers for building assigned to Seismic Design Category E or F.			Seismic Design Category E			

Schedule of Special Inspections – A/M/E/P
DESIGNATED SEISMIC SYSTEMS

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1705.3 AND 1708.1						
Verify designated seismic systems in structures assigned to Seismic Design Category D, E, or F			IBC 1705.3.2 & 1708.1			
1. Sprinkler Systems			Seismic Design Category: C			

Schedule of Special Inspections – A/M/E/P
SEISMIC RESISTANCE - ARCHITECTURAL

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1705.3						
1. Special inspections for seismic resistance. Special inspection as specified in this section is required for Architectural components. assigned to Seismic Design Category D, E or F			Seismic Design Category:			
a. Exterior wall panels and their anchorage	N		IBC 1705.3.4			
b. Suspended ceiling systems and their anchorage	N		IBC 1705.3.4			
c. Access floors: Periodic special inspection during the anchorage of access floors	N		IBC 1705.3.4			
d. Storage racks: Periodic special inspection during the anchorage of storage racks where the importance factor is equal to 1.5 in accordance with section 15.5.3 of ASCE 7	N		IBC 1705.3.4			
1. Retail Storage Racks	N					
2. High Density Files	N					
3. Other:	N					
2. Periodic inspection during the erection and fastening of exterior cladding, interior and exterior nonbearing walls and interior and exterior veneer structures assigned to Seismic Design Category D, E, or F	N		IBC 1707.6			

Schedule of Special Inspections – A/M/E/P
SEISMIC RESISTANCE - ELECTRICAL


VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1705						
1. Electrical components			Seismic Design Category: C			
a. Periodic special inspection during the anchorage of electrical equipment for emergency or standby power systems in structures assigned to Seismic Design Category C, D, E or F	Y	P	IBC 1705.3.3	SI1	PE/EIT	
b. Periodic special inspection during the installation of anchorage of other electrical equipment in structures assigned to Seismic Design Category E or F	N		IBC 1705.3.5			
c. Periodic special inspection is required during the installation of vibration isolation systems in structures assigned to Seismic Design Category C, D, E, or F where the construction documents require a nominal clearance of ¼" or less between the equipment support frame and restraint	N		IBC 1707 .7			
3. Component and attachment testing. The component manufacturer shall test or analyze the component and the component mounting system or anchorage for the design forces in Chapter 16 for those components having a Component Importance Factor of 1.0 or 1.5 in accordance with Chapter 16. The manufacturer shall submit a certificate of compliance for review and acceptance by the registered design professional responsible for the design, and for approval by the building official.	Y	S	IBC 1708.4	SI1	PE/EIT	
4. Component manufacturer certification. Each manufacturer of equipment to be placed in a building assigned to Seismic Design Categories E and F, in accordance with Chapter 16, where the equipment has a Component Importance Factor of 1.0 or 1.5 in accordance with Chapter 16, shall maintain an approved quality control program. Evidence of the quality control program shall be permanently identified on each piece of equipment by a label	N		IBC 1708.4			


Schedule of Special Inspections – A/M/E/P
SEISMIC RESISTANCE - MECHANICAL

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1707						
1. Mechanical components			Seismic Design Category:			
a. Periodic special inspection during the installation of HVAC ductwork that will contain hazardous materials and anchorage of such ductwork in structures assigned to Seismic Design Category C, D, E or F	N		IBC 1705.3.3			
b. Periodic special inspection during installation of piping systems and mechanical units containing flammable, combustible or highly toxic materials in structures assigned to Seismic Design Category C, D, E, or F	Y	P	IBC 1705.3.3	SI1	PE/EIT	
2. Component inspection. Special inspection is required for the installation of the following components:	N					
a. Equipment using combustible energy sources	N					
b. Reciprocating and rotating-type machinery	N					
c. Piping distribution systems 3 inches (76 mm) and larger	N					
d. Tanks, heat exchangers and pressure vessels	N					
3. Component and attachment testing. The component manufacturer shall test or analyze the component and the component mounting system or anchorage for the design forces in Chapter 16 for those components having a Component Importance Factor of 1.0 or 1.5 in accordance with Chapter 16. The manufacturer shall submit a certificate of compliance for review and acceptance by the registered design professional responsible for the design, and for approval by the building official.	Y	S	IBC 1708.4	SI1	PE/EIT	
4. Component manufacturer certification. Each manufacturer of equipment to be placed in a building assigned to Seismic Design Categories E and F, in accordance with Chapter 16, where the equipment has a Component Importance Factor of 1.0 or 1.5 in accordance with Chapter 16, shall maintain an approved quality control program. Evidence of the quality control program shall be permanently identified on each piece of equipment by a label	N		IBC 1708.4			


Quality Assurance Plan – A/M/E/P
QUALITY ASSURANCE FOR SEISMIC RESISTANCE CHECK LIST [IBC 1705]

SEISMIC DESIGN CATEGORY: C	
QUALITY ASSURANCE PLAN REQUIREMENTS (A Quality Assurance Plan, enacted through the Special Inspections requirements for this project, are in place for the following systems)	
Mechanical/Piping: <input type="checkbox"/> Heating, ventilating and air-conditioning (HVAC) ductwork containing hazardous materials and anchorage of such ductwork <input type="checkbox"/> Hazardous Material: <input type="checkbox"/> Hazardous Material: <input type="checkbox"/> Piping systems and mechanical units containing flammable, combustible or highly toxic materials <input checked="" type="checkbox"/> Material: <i>LP or Natural Gas</i> <input type="checkbox"/> Material:	MER
Electrical: <input checked="" type="checkbox"/> Anchorage of electrical equipment used for emergency or standby power systems <input checked="" type="checkbox"/> Equipment: <i>GENERATOR/ATS</i> <input type="checkbox"/> Equipment: <input type="checkbox"/> Equipment:	EER
<input type="checkbox"/> ADDITIONAL SYSTEMS FOR SEISMIC DESIGN CATEGORY D OR HIGHER:	
Architectural: <input type="checkbox"/> Exterior wall panels and their anchorage <input type="checkbox"/> Precast Concrete <input type="checkbox"/> Brick <input type="checkbox"/> Stone: <input type="checkbox"/> Other: <input type="checkbox"/> Suspended ceiling systems and their anchorage <input type="checkbox"/> Access floors and their anchorage <input type="checkbox"/> Steel storage racks and their anchorage <input type="checkbox"/> Retail Storage Racks <input type="checkbox"/> High Density Files <input type="checkbox"/> Other: <input type="checkbox"/> Life-safety component required to function after an earthquake: (per 1705.3.2) <input type="checkbox"/> Engineered Egress Stairs <input type="checkbox"/> Fire Protection Sprinkler System <input type="checkbox"/> Other: <input type="checkbox"/> Other: <input type="checkbox"/> Other:	RAR
<input type="checkbox"/> ADDITIONAL SYSTEMS FOR SEISMIC DESIGN CATEGORY D OR HIGHER:	
Electrical: <input type="checkbox"/> Electrical equipment	EER

Mechanical Engineer of Record (MER):

 Signature _____ Date 7/29/13

Electrical Engineer of Record (EER):

 Signature _____ Date 7/29/13

Building Code Official's Acceptance:
 Signature _____ Date _____

Registered Architect of Record (RAR):

 Signature _____ Date 7.25.13

Contractor's Statement of Responsibility –Exhibit D

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: Eyecare Medical Group - Phase 2 - Addition and Renovation

Contractor's Name: M.R. Brewer, Inc.

Address: 91 Bell Street Portland, ME 04103

License No.: N/A

Description of designated building systems and components included in the Statement of Responsibility:

Contractor's Acknowledgment of Special Requirements

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

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


Signature

8/15/2013
Date

Contractor's Provisions for Quality Control

Procedures for exercising control within the contractor's organization, the method and frequency of reporting and the distribution of reports is attached to this Statement.

Identification and qualifications of the person(s) exercising such control and their position(s) in the organization are attached to this Statement.