

Project: Portland Public Library
Date Prepared: 4/7/09

Structural Schedule of Special Inspections - STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED	
IBC Section 1704.3							
1. Material verification of high-strength bolts, nuts and washers:							
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	S	Applicable ASTM material specifications: AISC 335, Section A3.4; AISC LRFD, Section A3.3	S1	FE/SE or EIT		
b. Manufacturer's certificate of compliance required.	Y	S		S1	FE/SE or EIT		
2. Inspection of high-strength bolting							
a. Bearing-type connections.	Y	P	AISC LRFD Section M2.5 IBC Sect 1704.3.3	TA2	AWS/AISC-SSI		
b. Slip-critical connections.	Y	C or P (method dependent)		TA2	AWS/AISC-SSI		
3. Material verification of structural steel (IBC Sect 1708.4):							
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	S	ASTM A 6 or ASTM A 568 IBC Sect 1708.4	S1	FE/SE or EIT		
b. Manufacturer's certified mill test reports.	Y	S	ASTM A 6 or ASTM A 568 IBC Sect 1708.4	S1	FE/SE or EIT		
4. Material verification of weld filler materials:							
a. Identification markings to conform to AWS specification in the approved construction documents.	Y	S	AISC, ASD, Section A3.6; AISC LRFD, Section A3.5	S1	FE/SE or EIT		
b. Manufacturer's certificate of compliance required.	Y	S		S1	FE/SE or EIT		
5. Submit current AWS D1.1 welder certificate for all field welders who will be welding on this project.	Y	S	AWS D1.1	S1	FE/SE or EIT		
6. Inspection of welding (IBC 1704.3.1):							
a. Structural steel:							
1) Complete and partial penetration groove welds.	Y	C	AWS D1.1	TA2	AWS-CM		
2) Multipass fillet welds.	Y	C		TA2	AWS-CM		
3) Single-pass fillet welds > 5/16"	Y	C		TA2	AWS-CM		
4) Single-pass fillet welds < 5/16"	Y	P		TA2	AWS-CM		
5) Floor and deck welds.	Y	P		AWS D1.3	TA2	AWS-CM	
b. Reinforcing steel (IBC Sect 1903.5.2):			No welded reinforcement				
1) Verification of weldability of reinforcing steel other than ASTM A706.	N	N/A	AWS D1.4 ACI 318: 3.5.2				
2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls and shear reinforcement.	N	N/A				AWS-CM	
3) Shear reinforcement.	N	N/A				AWS-CM	
4) Other reinforcing steel.	N	N/A				AWS-CM	
7. Inspection of steel frame joint details for compliance (IBC Sect 1704.3.2) with approved construction documents:							
a. Details such as bracing and stiffening.	Y	P		S1	FE/SE or EIT		
b. Member locations.	Y	P		S1	FE/SE or EIT		
c. Application of joint details at each connection.	Y	P		S1	FE/SE or EIT		

Project: **Portland Public Library**
Date Prepared: 4/7/09

Structural Statement of Special Inspections (Continued)

List of Agents

Project: *Portland Public Library Addition/Renovation*
Location: *Portland, Maine*
Owner: *Portland Public Library*
This Statement of Special Inspections encompass the following discipline: **Structural**

(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

- Soils and Foundations
 Cast-in-Place Concrete
 Precast Concrete System
 Masonry Systems
 Structural Steel
 Wood Construction
- Special Cases

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. STRUCTURAL Special Inspections Coordinator (SSIC)	<i>Becker Structural Engineers Inc</i>	<i>75 York Street Portland, Maine 04101 (207) 879-1838 ethan@beckerstructural.com</i>
2. Special Inspector (SI 1)	<i>Becker Structural Engineers Inc</i>	<i>75 York Street Portland, Maine 04101 (207) 879-1838 ethan@beckerstructural.com</i>
3. Special Inspector (SI 2)	<i>SWCole Engineering, Inc (Portland)</i>	<i>17 Chestnut Street, Suite 1A Portland, Maine 04101 (207) 773-6800 tboyce@swcole.com</i>
4. Testing Agency (TA 1)	<i>SWCole Engineering, Inc (Gray)</i>	<i>286 Portland Road Gray, Maine 04039 (207) 657-2866 rdomingo@swcole.com</i>
5. Testing Agency (TA 2)	<i>Quality Assurance Labs, Inc</i>	<i>80 Pleasant Avenue South Portland, Maine (207) 799-8911 qalab@qalab.biz</i>
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.

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Structural Schedule of Special Inspection Services
FABRICATION AND IMPLEMENTATION PROCEDURES – STRUCTURAL STEEL

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Fabrications Procedures: Review of fabricator's written procedural and quality control manuals and periodic auditing of fabrication practices by an approved special inspection agency. At the completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents. -OR- 2. AISC Certification	Y	S	Fabricator shall submit one of the two qualifications	SI 1	PE/SE or EIT	
3. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents.	Y	S	IBC 1704.2.2	SI 1	PE/SE or EIT	

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Structural Schedule of Special Inspection Services
FABRICATION AND IMPLEMENTATION PROCEDURES – WOOD TRUSSES

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Fabrications Procedures: Review of fabricator's written procedural and quality control manuals and periodic auditing of fabrication practices by an approved special inspection agency. At the completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents. -OR- 2. TPI Inspection Program: Fabricator shall participate in the TPI Quality Assurance Inspection Program, and maintain a copy of the Quality Assurance Procedures Manual, QAP-90. Submit copy of certificate. All trusses shall bear the TPI Registered Mark.	N	N/A				No wood trusses
3. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents.	N	N/A				

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Structural Schedule of Special Inspections WOOD CONSTRUCTION

VERIFICATION AND INSPECTION IBC Section 1704.6	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Fabrication of high-load diaphragms		No structural woodframing				
a. Verify wood structural panel sheathing for grade and thickness	N	N/A	IBC 1704.6			
b. Verify the nominal size of framing members at adjoining panel edges	N	N/A	IBC 1704.6			
b. Verify the nail or staple diameter and length	N	N/A	IBC 1704.6			
b. Verify the number of fastener lines	N	N/A	IBC 1704.6			
b. Verify the spacing between fasteners in each line and at edge margins	N	N/A	IBC 1704.6			
2. Load Tests for Joist Hangers: Provide evidence of manufacturer's load test in accordance with ASTM D1761 including the vertical load bearing capacity, torsional moment capacity, and deflection characteristics when there is no calculated procedure recognized by the code.	N	N/A	IBC 1715 [submit I CBO reports]			

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Structural Schedule of Special Inspections SEISMIC RESISTANCE - STRUCTURAL

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETE D
IBC Section 1707						
1. Special inspections for seismic resistance. Special inspection as specified in this section is required for the following:	N		Significant modifications to the lateral force resisting system are not part of this work and upgrades are not required.			
a. The seismic-force-resisting systems in structures assigned to Seismic Design Category C, D, E or F	N	N/A	IBC 1707.1			
2. Structural steel: Continuous special inspection for structural welding in accordance with AISI C 341.	N	N/A	IBC 1702.2			
3. Structural wood:	N					
a. Continuous special inspection during field gluing operations of elements of the seismic-force-resisting system.	N	N/A	IBC 1702.3			
b. Periodic special inspections for nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system, including drag struts, braces and hold-downs	N	N/A	IBC 1702.3			
4. Cold-formed steel framing: Periodic special inspections during welding operations of elements of the seismic-force-resisting system. Periodic special inspections for screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system, including struts, braces, and hold-downs	N	N/A				
4. Seismic isolation system. Provide periodic special inspection during the fabrication and installation of isolator units and energy dissipation devices if used as part of the seismic isolation system	N	N/A	IBC 1707.8			

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Quality Assurance Plan – Seismic and Wind

QUALITY ASSURANCE FOR SEISMIC RESISTANCE CHECK LIST [IBC 1705]

Seismic Design Category **N/A**

FOR SEISMIC DESIGN CATEGORY C OR HIGHER:

Structural:

The seismic-force-resisting systems

- Steel Braced Frames and associated connections/anchorage
- Steel Moment Frames and associated connections
- Shear walls CMU Wood Concrete Diaphragms Floor Roof
- Other:

QUALITY ASSURANCE FOR WIND RESISTANCE CHECK LIST [IBC 1706]

Wind Exposure Category **B**

REQUIRED	NOT REQUIRED	NOT APPLICABLE	QUALITY ASSURANCE PLAN REQUIREMENTS (A Quality Assurance Plan is required where indicated below)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In wind exposure Categories A and B, where the 3-second-gust basic wind speed is 120 miles per hour (mph) (52.8 m/sec) or greater.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In wind exposure Categories C and D, where the 3-second-gust basic wind speed is 110 mph (49 m/sec) or greater.

Prepared by:

Building Code Official's Acceptance:

Signature Date

Signature Date

Project:
Date Prepared:

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

Project: *Portland Public Library Addition & Renovations*

Location: *5 Monument Square, Portland, Maine 04101*

Owner: *City of Portland, Maine*

This Statement of Special Inspections encompass the following discipline:

Mechanical/Electrical/Plumbing

Architectural Other: _____
Design Professional in Responsible Charge: *Austin Smith AIA*

Firm Name: Scott Simons Architects, 75 York Street , Portland, Maine 04101

(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 requirements of the Building Code. It includes a schedule of Special Inspections applicable to this project as well as the name of the Special Inspection Coordinator (SIC) and the 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 (RDPC). Discrepancies shall be brought to the immediate attention of the Contractor for correction. If such corrections are not made, the discrepancies shall be brought to the attention of the Building Official and the RDPC. The Special Inspection program does not relieve the Contractor of its responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge at an interval determined by the RDPC, SIC and the BCO.

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 to the BCO prior to the issuance of 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 month

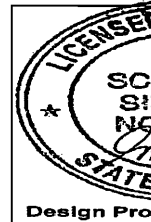
Prepared by:

Austin Smith AIA, Scott Simons Architects
Austin Smith

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

Austin Smith
Signature

04.08.09
Date



Owner's Authorization:

Building Code Official's Acceptance:

Signature

Date

Signature

Project:
Date Prepared:

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

List of Agents

Project: *Portland Public Library addition & Renovations*

Location: *5 Monument Square, Portland, Maine 04101*

Owner: *City of Portland, Maine*

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
1. Special Inspection Coordinator (SIC)	<i>SW Cole Engineering Inc. (Portland)</i>	<i>17 Chestnut Street, Su Portland, Maine 0410 (207) 773-6800</i>
2. Special Inspector (SI 1)	<i>SW Cole Engineering Inc. (Gray)</i>	<i>286 Portland Road Gray, Maine 04139 (207) 657-2866</i>
3. Special Inspector (SI 2)		
4. Testing Agency (TA 1)		
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 Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building commencing work.

Project:
Date Prepared:

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 Agent's Final Reports must be completed prior to issuance.]

Project:
Location:
Owner:
Owner's Address:

Architect of Record: _____
(name) (firm)

Registered Design Professional in Responsible Charge: _____
(name) (firm)

To the best of my information, knowledge and belief, the Special Inspections required for this project, and the *Statement of Special Inspections* submitted for permit, have been performed and all discovered deficiencies 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 report.

Respectfully submitted,
Special Inspection Coordinator

(Type or print name)

(Firm Name)

Signature Date

Licensed Prof

Project:
Date Prepared:

Statement of Special Inspection
Special Inspector's/Agent's Final F

Project:
Special Inspector or
Agent:

_____ *(name)*

Designation:

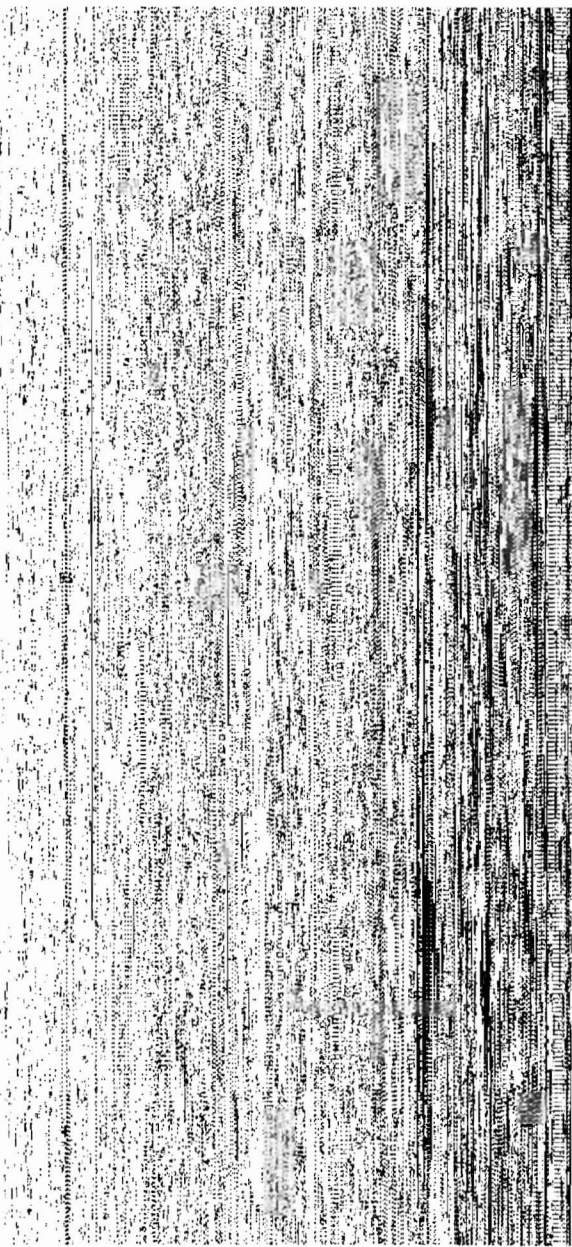
To the best of my information, knowledge and belief, I am
designated for this Inspector/Agent in the State of Michigan
performed and all discovered discrepancies have been

Interim reports submitted prior to this final report
report.

Respectfully submitted,
Special Inspector or Agent:

(Type or print name)

Signature



Project:
Date Prepared:

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 Building Official. The credentials of all Inspectors and testing technicians shall be provided to the Inspector for their records. *NOTE VERIFICATION THAT QUALIFIED INDIVIDUALS ARE AVAILABLE TO PERFORM STIPULATED TESTING AND/OR INSPECTION SHOULD BE PROVIDED PRIOR TO STATEMENT. AGENT QUALIFICATIONS IN SCHEDULE ARE SUGGESTIONS ONLY; FINAL QUALIFICATIONS ARE SUBJECT TO THE DISCRETION OF THE REGISTERED DESIGN PROFESSIONAL PREPARED BY THE SCHEDULE.*

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge or Special Inspector of Record is appropriate that the individual performing a stipulated test or inspection have a specific certification or experience as indicated below, such requirement shall be listed below and shall be clearly identified in 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 of 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

Project:

Date Prepared:

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	C
IBC Section 1704.11						
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 1704.11.1	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 ventilate during and after application as required by the approved manufacturer's written instructions.	Y	P	IBC 1704.11.2	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 m2) of the sprayed area on each floor or part thereof.	Y	C	IBC1704.3.1; ASTM E605	SI 1	ICC-SFSI	
b. Structural Framing: 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	C	IBC1704.3.2; ASTM E605	SI 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	C	IBC1704.4; ASTM E605	SI 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/m2). 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 10,000 square feet (929 m2) or part thereof of the sprayed area in each story.	Y	C	IBC 1704.11.5.1; ASTM E 736	SI 1	ICC-SFSI	
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 5,000 square feet (464 m2) of floor area or part thereof in each story.	Y	C	IBC 1704.11.5.2; ASTM E 736	SI 1	ICC-SFSI	

Project:
Date Prepared:

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

VERIFICATION AND INSPECTION IBC Section 1704.14	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	QUA
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.	N	NA	IBC 1704.14		
b. Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements, and detection and control verification.	N	NA	IBC 1704.14		

Project:**Date Prepared:**

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

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

Project:

Date Prepared:

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

VERIFICATION AND INSPECTION IBC Section 1704.12	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	
1. Visual observation of the installation of EIFS systems without water-resistive barrier.	N	NA	IBC Section 1704.12			
2. Visual observation of the installation of EIFS systems without a means of draining moisture to the exterior.	N	NA	IBC Section 1704.12			
3. Visual observation of the installation of EIFS systems not installed over masonry or concrete walls.	N	NA	IBC Section 1704.12			

From: Austin Smith <austin@simonsarchitects.com>
To: Chris Hanson <CSH@portlandmaine.gov>
Date: 4/9/2009 10:38:44 AM
Subject: Overhead coiling doors at PPL

Chris:

I have enclosed our specification for the fire rated overhead coiling door.

As you will see, there are six different manufacturers listed.

Per NFPA the travel rate for the door is no less than 6" per second and no greater than 24" per second.

Door will be tied into building fire-detection and alarm system for activation. 2.3.B.1

Door will be manually operated with push up operation 2.6.H

There is a paragraph within the spec that I don't understand and will find out about.

Under Manual Door operators Paragraph B. It references a crank operator.

We definitely don't want any crank retraction. We asked for and intended to have the push up operation.

If there is a crank retraction it would require ceiling tile removal and ladder access for each testing.

Austin.

PORTLAND PUBLIC LIBRARY RENOVATION

SECTION 083323 - OVERHEAD COILING DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Fire-rated service doors.
- B. Related Sections:
 - 1. Division 05 Section "Metal Fabrications" for miscellaneous steel supports.

1.3 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Design overhead coiling doors, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.
- B. Seismic Performance: Overhead coiling doors shall withstand the effects of earthquake motions determined according to SEI/ASCE 7.
 - 1. The term "withstand" means "the unit will remain in place without separation of any parts from the device when subjected to the seismic forces specified and the emergency-egress-door component will be fully operational after the seismic event."
 - 2. Seismic Component Importance Factor: 1.5.
- C. Operation Cycles: Provide overhead coiling door components and operators capable of operating for not less than number of cycles indicated for each door. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.

1.4 SUBMITTALS

- A. Product Data: For each type and size of overhead coiling door and accessory. Include the following:
 - 1. Construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.

PORTLAND PUBLIC LIBRARY RENOVATION

2. Rated capacities, operating characteristics, electrical characteristics, and furnished accessories.
 3. For fire-rated doors, description of fire-release system including testing and resetting instructions.
- B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data. Include plans, elevations, sections, details, and attachments to other work.
1. Detail equipment assemblies and indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
 2. Show locations of replaceable fusible links.
 3. Wiring Diagrams: For power, signal, and control wiring.
- C. Samples for Selection: Manufacturer's finish charts showing full range of colors and textures available for units with factory-applied finishes.
1. Include similar Samples of accessories involving color selection.
- D. Delegated-Design Submittal: For overhead coiling doors indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
1. Detail fabrication and assembly of seismic restraints.
 2. Summary of forces and loads on walls and jambs.
- E. Seismic Qualification Certificates: For overhead coiling doors, accessories, and components, from manufacturer.
- F. Maintenance Data: For overhead coiling doors to include in maintenance manuals.
- 1.5 QUALITY ASSURANCE
- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for both installation and maintenance of units required for this Project.
- B. Source Limitations: Obtain overhead coiling doors from single source from single manufacturer.
1. Obtain operators and controls from overhead coiling door manufacturer.
- C. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at as close to neutral pressure as possible according to NFPA 252.
- D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

PORTLAND PUBLIC LIBRARY RENOVATION

PART 2 - PRODUCTS

2.1 DOOR CURTAIN MATERIALS AND CONSTRUCTION

- A. Door Curtains: Fabricate overhead coiling-door curtain of interlocking metal slats, designed to withstand wind loading indicated, in a continuous length for width of door without splices. Unless otherwise indicated, provide slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated, and as follows:
 - 1. Steel Door Curtain Slats: Cold-rolled structural steel sheet; complying with ASTM A 653/A 653M; nominal sheet thickness of 0.028 inch and as required to meet requirements.
- B. Endlocks for Service Doors: Malleable-iron casings galvanized after fabrication, secured to curtain slats with galvanized rivets or high-strength nylon. Provide locks on not less than alternate curtain slats for curtain alignment and resistance against lateral movement.
- C. Bottom Bar for Service Doors: Consisting of two angles, each not less than 1-1/2 by 1-1/2 by 1/8 inch thick; fabricated from manufacturer's standard hot-dip galvanized steel, stainless steel, or aluminum extrusions to match curtain slats and finish.
- D. Astragal for Interior Doors: Equip each door bottom bar with a replaceable, adjustable, continuous, compressible gasket of flexible vinyl, rubber, or neoprene as a cushion bumper.
- E. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent overtravel of curtain.

2.2 HOOD

- A. General: Form sheet metal hood to entirely enclose coiled curtain and operating mechanism at opening head. Contour to fit end brackets to which hood is attached. Roll and reinforce top and bottom edges for stiffness. Form closed ends for surface-mounted hoods and fascia for any portion of between-jamb mounting that projects beyond wall face. Equip hood with intermediate support brackets as required to prevent sagging.
 - 1. Galvanized Steel: Nominal 0.028-inch thick, hot-dip galvanized steel sheet with G90 zinc coating, complying with ASTM A 653/A 653M.
 - 2. Include automatic drop baffle on fire-rated doors to guard against passage of smoke or flame.

2.3 CURTAIN ACCESSORIES

- A. Smoke Seals: Equip each fire-rated door with smoke-seal perimeter gaskets for smoke and draft control as required for door listing and labeling by a qualified testing agency.
- B. Automatic-Closing Device for Fire-Rated Doors: Equip each fire-rated door with an automatic-closing device that is inoperative during normal door operations and that has a governor unit

PORTLAND PUBLIC LIBRARY RENOVATION

complying with NFPA 80 and an easily tested and reset release mechanism designed to be activated by the following:

1. Building fire-detection and -alarm systems.

2.4 COUNTERBALANCING MECHANISM

- A. General: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable -tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.
- B. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality, welded or seamless carbon-steel pipe, of sufficient diameter and wall thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more than 0.03 in./ft. of span under full load.
- C. Spring Balance: One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.
- D. Torsion Rod for Counterbalance Shaft: Fabricate of manufacturer's standard cold-rolled steel, sized to hold fixed spring ends and carry torsional load.
- E. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate. Provide any necessary support tubes at jambs, if required by manufacturer.

2.5 MANUAL DOOR OPERATORS

- A. Equip door with manufacturer's recommended manual door operator unless another type of door operator is indicated.
- B. Crank Operator: Consisting of crank and crank gearbox, steel crank drive shaft, and gear-reduction unit, of type indicated. Size gears to require not more than 25 lbf force to turn crank. Fabricate gearbox to be oil tight and to completely enclose operating mechanism. Provide manufacturer's standard crank-locking device.

2.6 FIRE-RATED DOOR ASSEMBLY

- A. Fire-Rated Service Door: Overhead fire-rated coiling door formed with curtain of interlocking metal slats.
 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Cookson Company.
 - b. Cornell Iron Works, Inc.
 - c. McKeon Rolling Steel Door Company, Inc.

PORTLAND PUBLIC LIBRARY RENOVATION

- d. Overhead Door Corporation.
 - e. Raynor.
 - f. Wayne-Dalton Corp.
- B. Operation Cycles: Not less than 10,000 .
- C. Fire Rating: 1 hour.
- D. Door Curtain Material: Cold-rolled steel.
- E. Door Curtain Slats: Flat profile slats of 1-7/8-inch center-to-center height.
- F. Curtain Jamb Guides: Galvanized steel with exposed finish matching curtain slats.
- G. Hood: Match curtain material and finish.
- 1. Shape: Round or square.
 - 2. Mounting: Face of wall.
- H. Manual Door Operator: Push-up operation .
- I. Door Finish:
- 1. Factory Prime Finish: Manufacturer's standard color.
- 2.7 GENERAL FINISH REQUIREMENTS
- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- 2.8 STEEL AND GALVANIZED STEEL FINISHES
- A. Factory Prime Finish: Manufacturer's standard primer, compatible with field-applied finish. Comply with coating manufacturer's written instructions for cleaning, pretreatment, application, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

PORTLAND PUBLIC LIBRARY RENOVATION

3.2 INSTALLATION

- A. Install overhead coiling doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports, according to manufacturer's written instructions and as specified.
- B. Install overhead coiling doors, hoods, and operators at the mounting locations indicated for each door.
- C. Accessibility: Install overhead coiling doors, switches, and controls along accessible routes in compliance with regulatory requirements for accessibility.
- D. Fire-Rated Doors: Install according to NFPA 80.

3.3 STARTUP SERVICE

- A. Engage a factory-authorized service representative to perform startup service.
 - 1. Perform installation and startup checks according to manufacturer's written instructions.
 - 2. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.

3.4 ADJUSTING

- A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.
- B. Lubricate bearings and sliding parts as recommended by manufacturer.

3.5 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain overhead coiling doors.

END OF SECTION 083323

```

Return-Path: <austin@simonsarchitects.com>
Received: from barracuda.portlandmaine.gov([172.16.0.63]) by
smtp.portlandmaine.gov; Thu, 09 Apr 2009 10:37:55 -0400
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(Kerio MailServer 6.6.2) for CSH@portlandmaine.gov; Thu, 9 Apr
2009 10:39:58 -0400
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To: Chris Hanson <CSH@portlandmaine.gov>
Message-Id: <43340460-93C5-47F5-9C11-
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From: Austin Smith <austin@simonsarchitects.com>
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Subject: Overhead coiling doors at PPL
Received: Thu, 9 Apr 2009 10:37:49 -0400
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X-Barracuda-Spam-Score: 0.00
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belowpts rule name description-----
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```

Chris:

I have enclosed our specification for the fire rated overhead coiling door.

As you will see, there are six different manufacturers listed.

Per NFPA the travel rate for the door is no less than 6" per second and no greater than 24" per second.

Door will be tied into building fire-detection and alarm system for activation. 2.3.B.1

Door will be manually operated with push up operation 2.6.H

There is a paragraph within the spec that I don't understand and will find out about.

Under Manual Door operators Paragraph B. It references a crank operator.

We definitely don't want any crank retraction. We asked for and intended to have the push up operation.
If there is a crank retraction it would require ceiling tile removal and ladder access for each testing.

Austin.

Content-Transfer-Encoding: base64
Content-Type: application/pdf;x-unix-mode=0755;name=083323 overhead coiling doors.pdf
Content-Disposition: inline;filename="083323 overhead coiling doors.pdf"

PORTLAND PUBLIC LIBRARY RENOVATION

SECTION 083323 - OVERHEAD COILING DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Fire-rated service doors.
- B. Related Sections:
 - 1. Division 05 Section "Metal Fabrications" for miscellaneous steel supports.

1.3 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Design overhead coiling doors, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.
- B. Seismic Performance: Overhead coiling doors shall withstand the effects of earthquake motions determined according to SEI/ASCE 7.
 - 1. The term "withstand" means "the unit will remain in place without separation of any parts from the device when subjected to the seismic forces specified and the emergency-egress-door component will be fully operational after the seismic event."
 - 2. Seismic Component Importance Factor: 1.5.
- C. Operation Cycles: Provide overhead coiling door components and operators capable of operating for not less than number of cycles indicated for each door. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.

1.4 SUBMITTALS

- A. Product Data: For each type and size of overhead coiling door and accessory. Include the following:
 - 1. Construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.

OVERHEAD COILING DOORS

083323 - 1

From: Austin Smith <austin@simonsarchitects.com>
To: Chris Hanson <CSH@portlandmaine.gov>, Keith Gautreau
<kng@portlandmaine.gov>
Date: 4/8/2009 4:11:47 PM
Subject: Portland Public Library

Chris & Keith:

Thanks very much for meeting with us this afternoon at the Portland Public Library.
Your help and advice is really appreciated.

I've enclosed a copy of the layout of temporary partitions at the lower level provided by Ledgewood.
Also enclosed is the asbestos survey.

Austin Smith
Scott Simons Architects.

CC: Clint Gendreau <cgendreau@ledgewoodconstruction.com>

502-244-7136

P. 2

erson Court • Suite 100 • Louisville, KY 40223
) 244-7136 • (800) 841-0180 • FAX (502) 244-7136
mnerservice@mselabs.com • Website: www.mselabs.com

Jan 08 2009 4:04PM McCall & Spero Envi



**McCall and Spero
Environmental, Inc.**
Specialists in Microanalysis

1831 W. Ma
Phone (502)
E-mail: cust

eral fibers by Polarized Light
ng (EPA/600/R-93/116)

Date: January 8, 2009

Attention: John Gill
Environmental Management, Inc.

Subject: Analysis of bulk samples for asbestos min
Microscopy (PLM) with Dispersion Stain:

RE: MSE-P189EMI
Portland Public Library Project
EMI#09-8594

Dear Mr. Gill:

McCall & Spero Environmental, Inc. has completed the
received from your offices on January 8, 2009. These sam
the Portland Public Library Project.

The PLM bulk analysis was performed according to the
Asbestos in Bulk Building Materials", R. L. Perkins and B.

The results for the twenty two (22) samples are summarize
that for samples consisting of two or more distinct compone
reported individually (EPA 40 CFR Part 61 [FRL-4821-71])

Thank you for consulting McCall & Spero Environmental,
concerning these results, please contact our office.

analyses of the bulk samples we
ples represent the bulk samples from

Method of the Determination of
W. Harvey (EPA/600/R-93/116).

l in the following report. Please note
nts, each component is analyzed and

Inc. Should you have any questions

ly,

Board, B.S.
ory Director

Sincere

J. Scott
Labora



Jan 08 2009 4:04PM

McCall & Spero Envi

502-244-7136

P. 2

**McCall and Spero
Environmental, Inc.**

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223
Phone (502) 244-7135 • (800) 841-0180 • FAX (502) 244-7136E-mail: customerservice@mseilabs.com • Website: www.mseilabs.com

Date: January 8, 2009

Attention: John Gill
Environmental Management, Inc.

Subject: Analysis of bulk samples for asbestos mineral fibers by Polarized Light
Microscopy (PLM) with Dispersion Staining (EPA/600/R-93/116)

RE: MSE-P189EMI
Portland Public Library Project
EMI#09-8594

Dear Mr. Gill:

McCall & Spero Environmental, Inc. has completed the analyses of the bulk samples we received from your offices on January 8, 2009. These samples represent the bulk samples from the Portland Public Library Project.

The PLM bulk analysis was performed according to the "Method of the Determination of Asbestos in Bulk Building Materials", R. L. Perkins and B. W. Harvey (EPA/600/R-93/116).

The results for the twenty two (22) samples are summarized in the following report. Please note that for samples consisting of two or more distinct components, each component is analyzed and reported individually (EPA 40 CFR Part 61 [FRL-4821-71]).

Thank you for consulting McCall & Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

J. Scott Board, B.S.
Laboratory Director

NVLAP[®]
NVLAP Lab Code 101895-0

Jan 08 2009 4:04PM

McCall & Spero Envi

502-244-7136

P. 3

502-244-7136

p. 4

Jan 08 2009 4:04PM

McCall & Spero Envi

ANALYSIS RESULTS

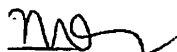
FIBROUS MATERIAL & %	%NON-FIBROUS MATERIAL	COLOR
Cellulose / 2% Glass / 35%	63%	Gray
Synthetics / 35%	65%	Black
Cellulose / 40% Glass / 35%	25%	Gray
Cellulose / 2% Glass / 40%	58%	Gray
Cellulose / 40% Glass / 35%	25%	Gray
Cellulose / 2%	98%	White
Cellulose / 2% Glass / 5%	90%	Black

Asbestos
Actinolite

Asbestos is analyzed and reported separately.

Results are accurate to within ± 10%. Results from this report must be used for regulatory purposes by McCall & Spero Environmental, Inc. This report must be used in accordance with the agency of the U.S. Government.

For asbestos or less than one percent asbestos by weight, samples in the nonfriable categories be reanalyzed by an independent laboratory. (EPA Notice of Advisory, FR Vol. 59, No. 146)



McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS

Page 2

MSE #	SAMPLE #	ASBESTOS	OTI
P189EMI-	DESCRIPTION	TYPE & %	MATERIAL
015	8594-15 Pipe Elbow	ND**	Cellulose / Glass
016	8594-16 Insulation Strip	ND	Synthetics
017	8594-17 Ceiling Tile	ND	Cellulose / Glass
018	8594-18 Fire Proofing	ND**	Cellulose / Glass
019	8594-19 Ceiling Tile	ND	Cellulose / Glass
020	8594-20 Joint Compound	ND**	Cellulose / Glass
021	8594-21 Mastic	CH / 3%	Cellulose / Glass

NOTES:

ND = None Detected CH = Chrysotile A = Actinolite
CR = Crocidolite AN = Anthophyllite TR = Tremolite

For samples consisting of separate components, each component must be analyzed separately.

Results apply only to items tested. Quantification is accurate to within ± 10%. Results from this report must be used for regulatory purposes by McCall & Spero Environmental, Inc. This report must be used in accordance with the agency of the U.S. Government.

** EPA recommends that bulk materials found negative by polarized light microscopy that fall into one of five nonfriable categories be reanalyzed by an independent laboratory. (EPA Notice of Advisory, FR Vol. 59, No. 146)

Analyst: M. Allison Brown, B.A.



McCall & Spero Environmental, Inc.

Jan 08 2009 4:04PM

McCall & Spero Envi

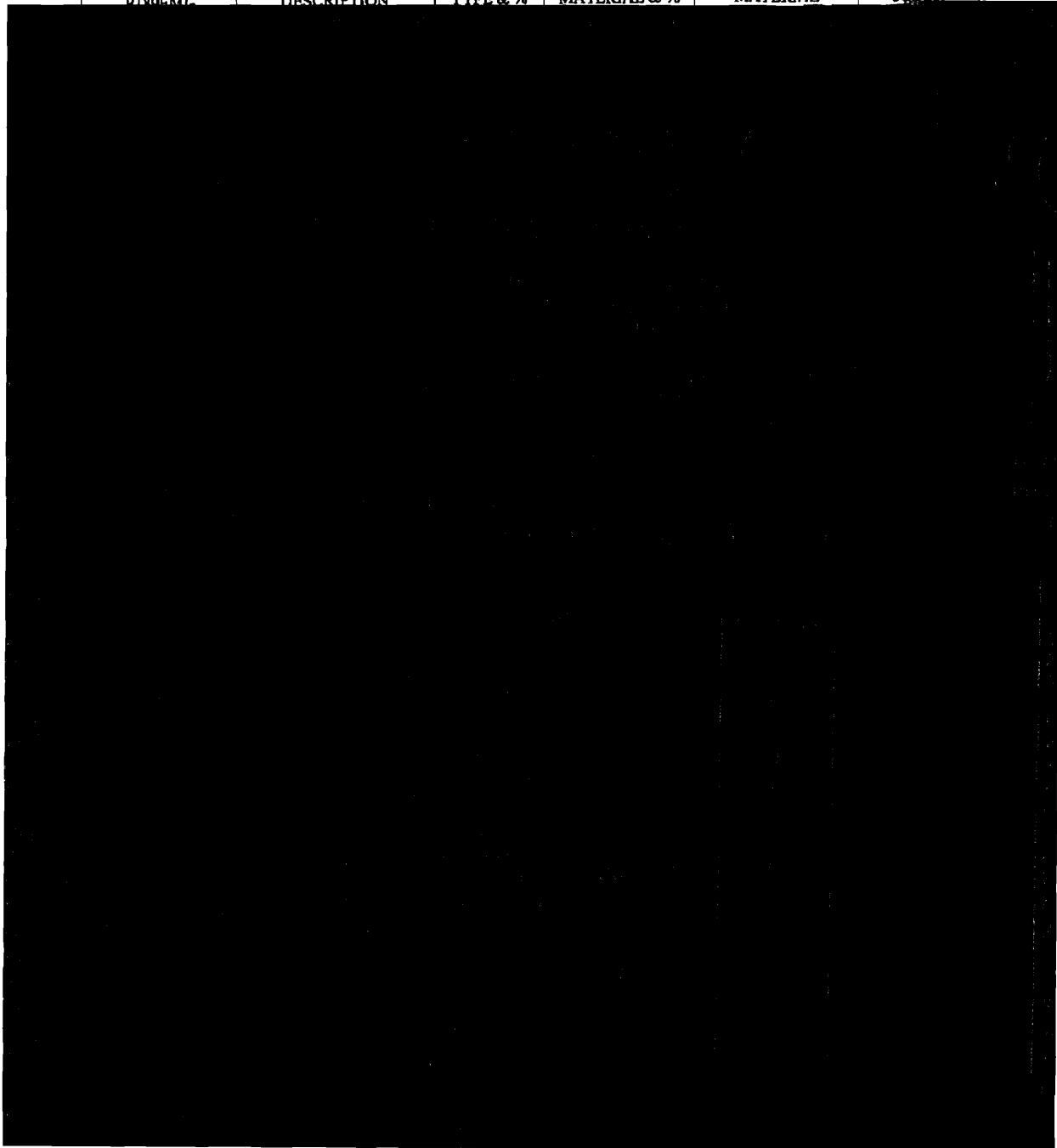
502-244-7136

P. 4

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

MSE # P189EM	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
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Jan 08 2009 4:04PM McCall & Spero Envi 502-244-7136 P.5

[FEDEX - 119698359]



**McCall and Spero
Environmental, Inc.**

1831 Williamson Court * Suite 100 * Louisville, Ky. 40223
Phone (502) 244-7136 * (800) 841-9180 * Fax (502) 244-7136

Specialists in Microanalysis

E-mail: customerservice@mselabs.com * Website: www.mselabs.com

BULK SAMPLE CHAIN OF CUSTODY FORM

Company: ENVIRONMENTAL MANAGEMENT, INC. Telephone #: (207) 729-7549 Fax#: (207) 721-0892
 Contact: J.G. Gilreath Client Project Number: 09-8594
 Relinquished by: J.G. Gilreath Date: 1-7-09 Time:
 Written Report To:
 Project Name: BRITANNIA PUBLIC LIBRARY
 Turn-Around (Circle One): Same Day 24 Hour 2-3 Day 4-5 Day Weekend Rush After Hour Rush
 Analysis Requested (Circle One): TEM Bulk Analysis *TEM Qualitative Analysis *TEM Qualitative Analysis (4-5 Day)

For Laboratory Use Only

MSE Project #: P880CMI Method: EPA/800/R-93/118
 Samples Received By: *[Signature]* Date: 1-6-09 Time: 9:30am

Client Sample Number	Location	Sample Description	Sampled By
8594-1	EXHIBIT AREA LOBBY	CEILING TILE	J.A.S.
8594-2	GROUND FL. NORTH STAIRS	FLOOR TILE	"
8594-3	" " " "	TILE MASTIC	"
8594-4	FINEARTS	CEILING TILE	"
8594-5	GROUND FLOOR STORAGE	FIREPROOFING	"
8594-6	LEVEL 2 BOARDROOMS	CEILING TILE	"
8594-7	NORTH STAIRS LEVEL 2	COVERAGE MASTIC	"
8594-8	EXTERIOR SOFFIT	STUCCO	"
8594-9	EXTERIOR SEALANT	CHALKING	"
8594-10	SOUTH STAIRS	FLOOR TILE	"
8594-11	LEVEL 2	CEILING TILE	"
8594-12	LEVEL 2 ELECTRICAL	SPRAY-ON FIREPROOFING	"
8594-13	SOUTH STAIRS	COVERAGE MASTIC	"
8594-14	LEVEL 3 MECHANICAL RM	1" PIPE ELBOW	"
8594-15	LEVEL 3 " "	1/2" PIPE ELBOW	"
8594-16	" " " "	VIBRATION ISOLATION STRIP	"
8594-17	LEVEL 3 G	CEILING TILE	"
8594-18	MECHANICAL RM LEVEL 3	SPRAY-ON FIREPROOFING	"
8594-19	LEVEL 4	CEILING TILE	"
8594-20	JOINT COMPOUND		
8594-21	S. STAIRS	TILE MASTIC	

ENVIRONMENTAL MANAGEMENT, INC.

P.O. BOX 391 Brunswick, ME 04011

(207)729-7549
FAX (207)721-0892

January 9, 2009

Mr. Peter Pelletier
Ledgewood Construction
27 Main St.
South Portland, ME 04106

Dear Mr. Pelletier:

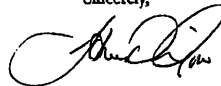
SUBJECT: RENOVATION IMPACT SURVEY FOR ASBESTOS, PORTLAND PUBLIC LIBRARY,
PORTLAND, ME

Environmental Management, Inc. completed a renovation impact survey for asbestos at the Portland Public Library, Congress St. in Portland, ME, on January 7, 2009. Samples of suspect materials were collected in accordance with the State of Maine Regulations for asbestos, Chapter 425. Such materials were those that were accessible with minimal destruction of finishes; ceiling tile, floor tile, spray on fireproofing on structural steel, mastics, and joint compound. Samples were sent to McCall and Spero Environmental, of Louisville, KY, which is a laboratory certified by the National Institute of Standards and Tables, National Voluntary Laboratory Accreditation Program (NIST-NVLAP), and the American Industrial Hygiene Association for analyzing asbestos. Samples were analyzed by Polarized Light Microscopy in accordance with the EPA analytical method #600.

By the analytical results, the material that tested positive for asbestos was, the floor tile mastic. This is a non-friable material by definition according to the EPA, "National Emission Standard for Hazardous Air Pollutants, (NESHAP), 40 CFR Part 61. Provided this material is not ground abraded or otherwise turned into a powder or dust it is not regulated by EPA or DEP. It may be scraped with a scraper or removed with a chemical and the resultant waste is still construction debris. In most cases flooring contractors elect to apply new mastics right over this mastic in new flooring applications. Should a penetration be needed through this material, the material may be removed locally by means of chemical such as WD40 or similar solvent. Should large expanses of the mastic need to be removed, it would probably be best to enlist the services of an abatement contractor familiar with removing this type of material.

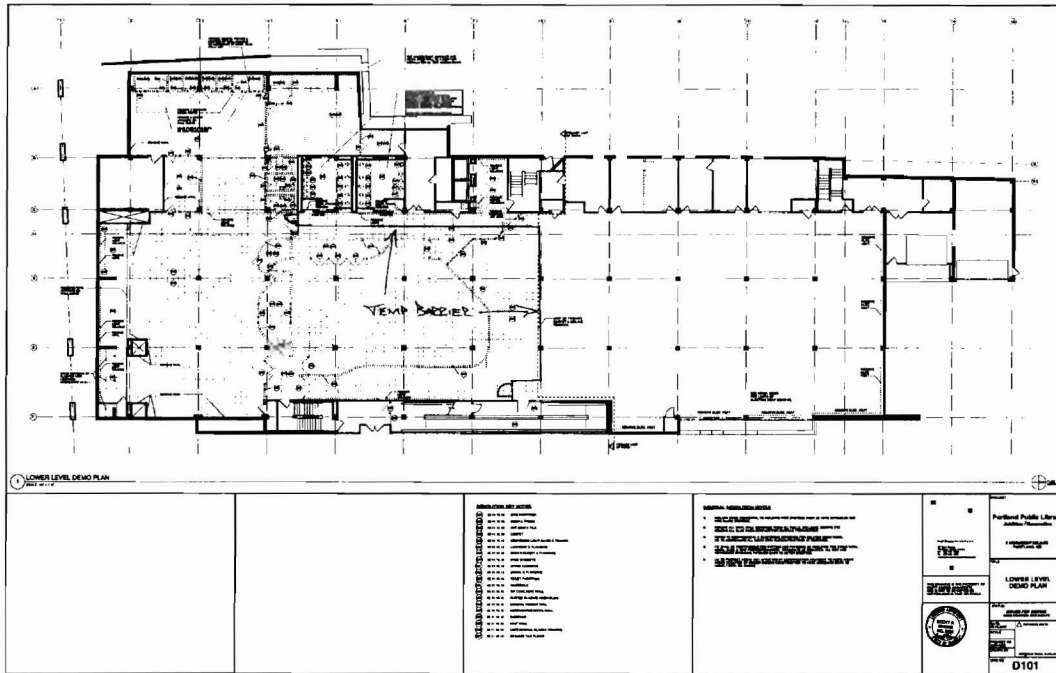
If you have any further questions please contact us at 729-7549.

Sincerely,



John D. Gill
President
Environmental Management, Inc.

Content-Disposition: inline; filename="PPL temporary wall.pdf"; application/pdf; onx-mode=0744; name="PPL temporary wall.pdf"; inline; filename="PPL temporary wall.pdf"



Return-Path: <austin@simonsarchitects.com>
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Mime-Version: 1.0 (Apple Message framework v752.2)
To: Chris Hanson <CSH@portlandmaine.gov>; Keith Gautreau <king@portlandmaine.gov>
Message-Id: <D636C918-0FF6-471F-BE49-5331620308D0@simonsarchitects.com>
Content-Type: multipart/mixed; boundary=Apple-Mail-273-1068713157
Co: Clint Gendreau <cgendreau@ledgewoodconstruction.com>
X-ASG-Orig-Subj: Portland Public Library
Subject: Portland Public Library
From: Austin Smith <austin@simonsarchitects.com>
Received: Wed, 8 Apr 2009 16:10:34 -0400
X-Mailer: Apple Mail (2.752.2)
X-Barracuda-Connect: mail.orcutt.com[208.126.201.58]
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X-Barracuda-Spam-Status: No, SCORE=-1001.00 using global scores of TAG_LEVEL=3.5 QUARANTINE_LEVEL=1000.0 KILL_LEVEL=8.0
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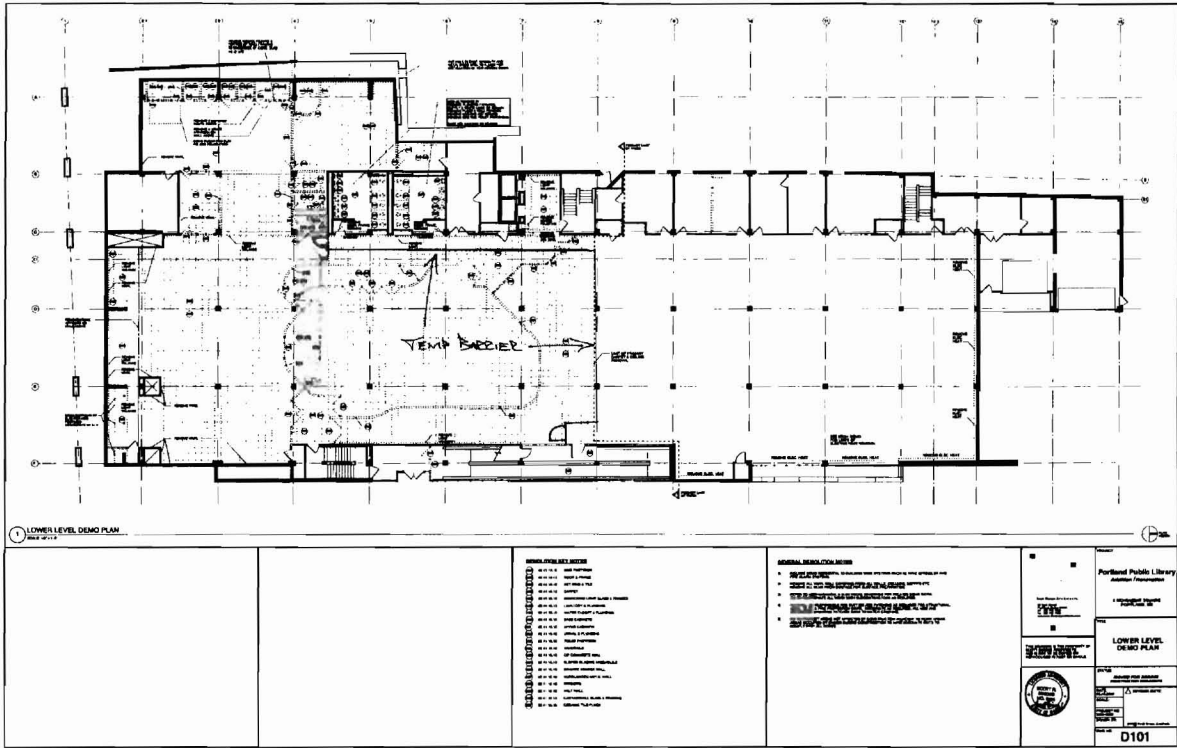
Chris & Keith:

Thanks very much for meeting with us this afternoon at the Portland Public Library.
 Your help and advice is really appreciated.

I've enclosed a copy of the layout of temporary partitions at the lower level provided by Ledgewood.
 Also enclosed is the asbestos survey.

Austin Smith
 Scott Simons Architects.

Content-Transfer-Encoding: base64
Content-Type: application/pdf; unix-mode=0744; x-mac-filename-extension=yes; name="Asbestos Report.pdf"
Content-Disposition: inline; filename="Asbestos Report.pdf"



From: "Clint Gendreau" <cgendreau@ledgewoodconstruction.com>
To: "Chris Hanson" <CSH@portlandmaine.gov>
Date: 4/7/2009 12:19:27 PM
Subject: FW: Fwd: Library temporary partitions

Chris. Just an FYI... See email below from Keith Gautreau. Not sure if Thursday will work for him. You may want to touch base with him to see if 2pm Thursday works.

Clint Gendreau
Project Manager

Ledgewood Construction
27 Main Street
South Portland, ME 04106
207-767-1866
fax 207-767-1869
cell 207-415-7992

cgendreau@ledgewoodconstruction.com
<http://www.ledgewoodconstruction.com>

-----Original Message-----

From: Keith Gautreau [mailto:KNG@portlandmaine.gov]
Sent: Tuesday, April 07, 2009 12:11 PM
To: austin@simonsarchitects.com
Cc: Clint Gendreau
Subject: Re: Fwd: Library temporary partitions

Yes that would be good if we can meet. I am open anytime on Wed. or Fri. afternoon.
Thurs. I am out of the office.
Keith

Keith Gautreau, Fire Captain
Fire Prevention Bureau
Portland Fire Department
380 Congress Street
Portland, ME 04101
(207)874-8405
kng@portlandmaine.gov

>>> Austin Smith <austin@simonsarchitects.com> 4/7/2009 10:54:07 AM

>>>

Capt. Gautreau:

I think that both Clint Gendreau of Ledgewood and I are after you for

the same purpose.

We'd like for you to have a look at the temporary partitions and exiting for the Portland Public Library.

Could you meet us both at the building and have a quick walk through?
Clint thought it might also be beneficial to have their electrician there as were.

Thanks,
Austin Smith

Begin forwarded message:

> From: Austin Smith <austin@simonsarchitects.com>
> Date: April 6, 2009 9:38:10 AM EDT
> To: Keith Gautreau <kng@portlandmaine.gov>
> Cc: Clint Gendreau <cgendreau@ledgewoodconstruction.com>
> Subject: Library temporary partitions
>
> Capt. Gautreau:
>
> I know work must have piled up while you were away.
>
> Would it be possible, however, to review the temporary construction

> plans for the
> Portland Public Library.
>
> I am free anytime after 11:00.
>
> Thanks,
> Austin Smith
> Scott Simons Architects.
>
>

From: "Clint Gendreau" <cgendreau@ledgewoodconstruction.com>
To: "Austin Smith" <austin@simonsarchitects.com>
Date: 4/7/2009 12:31:03 PM
Subject: PPL - Code Enforcement Review

Austin - I spoke with Chris Hanson this morning (copied on this email).
He had some questions;

1. Provide a Statement of Special Inspections with list of who the inspectors will be.
2. Plan of action and time line for phasing as it relates to the sprinkler system.
3. Are the fire shutters tied into the fire alarm system?
4. Is the stage sprinkled underneath or is the floor construction fire rated?

Chris will also be attending our walk-thru with the fire department.
Chris and I have tentatively scheduled this walk-thru for Thursday, April 9th at 2pm (after our City preconstruction meeting). Chris said he would help coordinate with the FD. If all goes well would could get the building permit on Friday.

Clint Gendreau
Project Manager

Ledgewood Construction
27 Main Street
South Portland, ME 04106
207-767-1866
fax 207-767-1869
cell 207-415-7992

cgendreau@ledgewoodconstruction.com
<http://www.ledgewoodconstruction.com>
<<http://www.ledgewoodconstruction.com/>>

CC: "Chris Hanson" <CSH@portlandmaine.gov>

Astin Smith

ADA - STATE cert.
STATE Fire Marshalls appr. - Phased Plan
Cafe - Food Service - ✓
Sep. Permits - Sprinkler + Alarm
Phase II of Sprinkler? when
Statement of Special Inspections
List of Individuals performing Insp.

Geotech to be verified in field
during excavations by S.W. Cole. ✓
STAGE - sprinkler (Rated floor or sprinkler
sect. 910.3.1 under the floor)

Roll down Security Shutters - NFPA-80
section 715.3 - Automatic - closing devices
- Smoke Activated

2. For Clint - 1. Pre-con MTA - Thurs. 4:00 → 2:00 - MTA w/ Ben
2. Phase of Sprinkler - Plan of Action for Phasing. →
3. Statement of Spec. Insp.
Concrete/soils investigation
Steel - Curtain Wall
4. Roll down Shutters → Smoke Activation - ?
5. STAGE AREA - Sprinkle or Rate floor
b



State of Maine
Department of Public Safety
Construction Permit



Reviewed
 for Barrier
 Free

18321

Sprinkled
 Sprinkler Supervised

PORTLAND PUBLIC LIBRARY PHASE 1

Located at: 5 MONUMENT SQUARE

PORTLAND

Occupancy/Use: ASSEMBLY CLASS A

Permission is hereby given to:

STEPHEN PODGAJNY

5 MONUMENT SQUARE
 PORTLAND, ME 04101

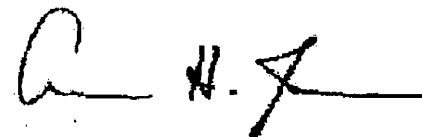
to construct or alter the afore referenced building according to the plans hitherto filed with the Commissioner and now approved.

No departure from application form/plans shall be made without prior approval in writing. This permit is issued under the provision of Title 25, Chapter 317, Section 2448 and the provisions of Title 5, Section 4594 - F.

Nothing herein shall excuse the holder of this permit for failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions. Each permit issued shall be displayed/available at the site of construction.

This permit will expire at midnight on the 2nd of October 2009

Dated the 3rd day of April A.D. 2009


 Commissioner

Copy-1 Owner

Comments:

STEPHEN PODGAJNY

5 MONUMENT SQUARE
 PORTLAND, ME 04101

APR - 3 2009

27 A 12



State of Maine
Department of Public Safety
Construction Permit



Reviewed
for Barrier
Free

18321

Sprinkled
Sprinkler Supervised

PORTLAND PUBLIC LIBRARY PHASE 1

Located at: 5 MONUMENT SQUARE

PORTLAND

Occupancy/Use: ASSEMBLY CLASS A

Permission is hereby given to:

STEPHEN PODGAJNY

5 MONUMENT SQUARE

PORTLAND, ME 04101

to construct or alter the afore referenced building according to the plans hitherto filed with the Commissioner and now approved.

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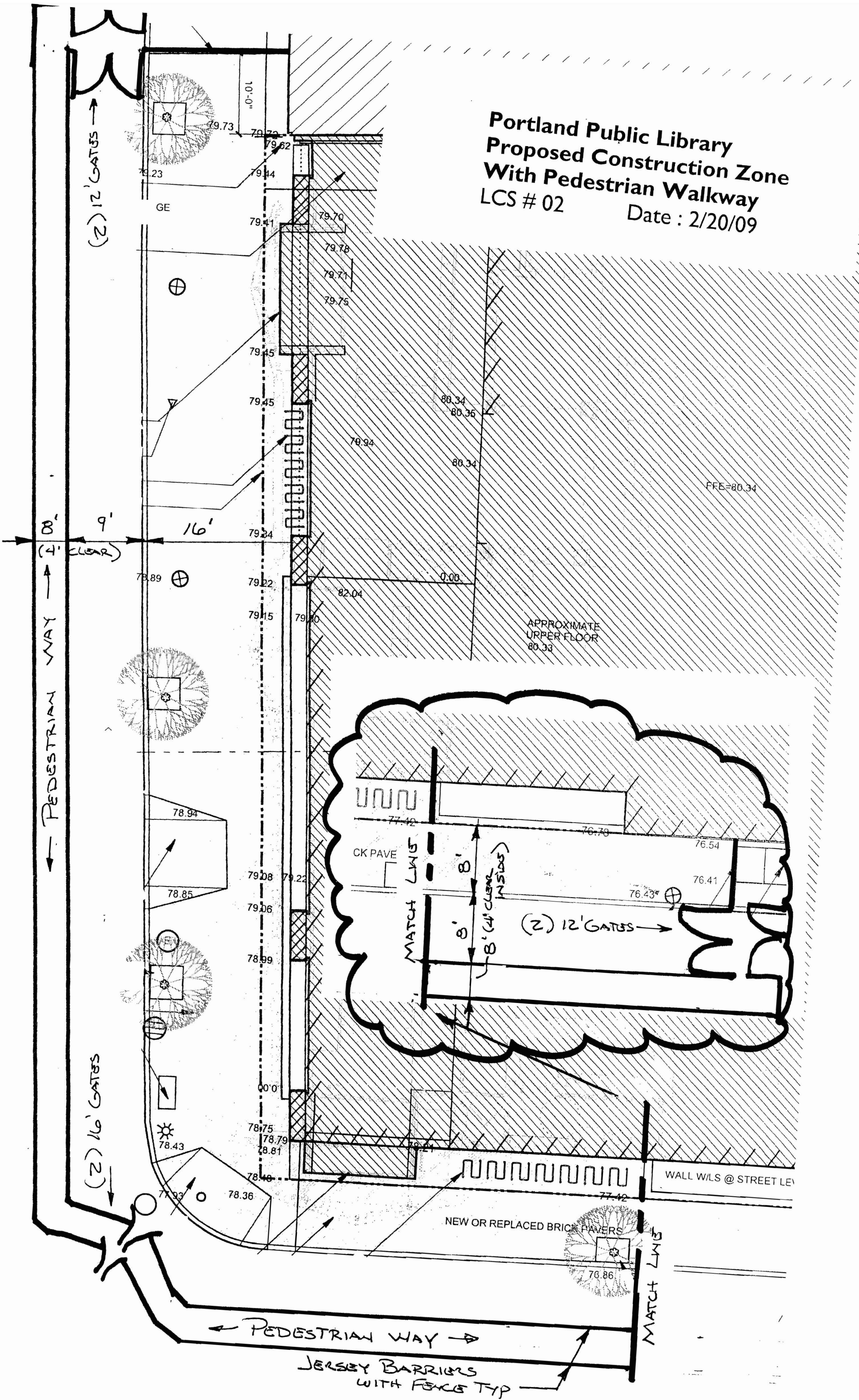
Copy-1 Owner

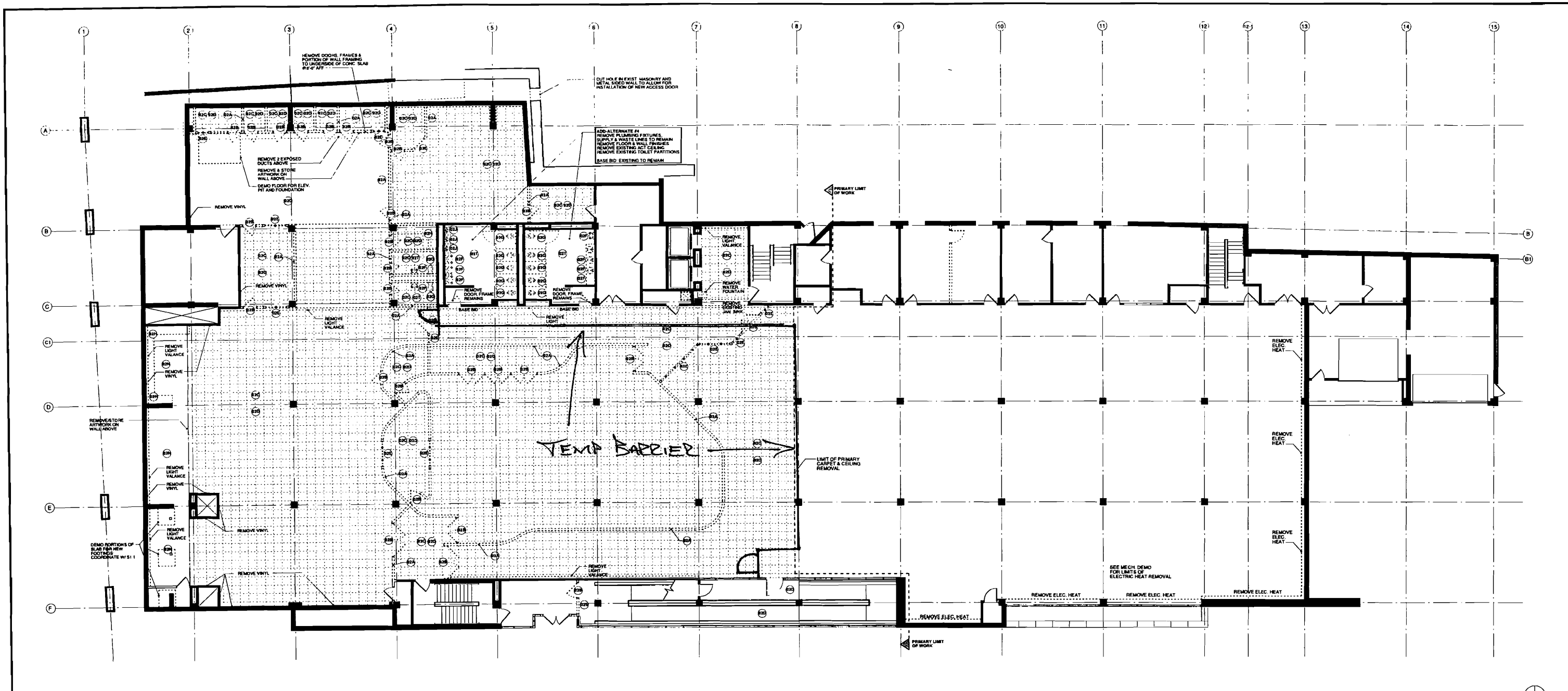
Comments:

STEPHEN PODGAJNY

5 MONUMENT SQUARE
PORTLAND, ME 04101

Portland Public Library
Proposed Construction Zone
With Pedestrian Walkway
LCS # 02
Date : 2/20/09





1 LOWER LEVEL DEMO PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION KEY NOTES

021	02 41 19.13	GWB PARTITION
022	02 41 19.13	DOOR & FRAME
023	02 41 19.13	ACT GRID & TILE
024	02 41 19.13	CARPET
025	02 41 19.13	BORROWED LIGHT GLASS & FRAMES
026	02 41 19.13	LAVATORY & PLUMBING
027	02 41 19.13	WATER CLOSET & PLUMBING
028	02 41 19.13	BASE CABINETS
029	02 41 19.13	UPPER CABINETS
030	02 41 19.13	URINAL & PLUMBING
031	02 41 19.13	TOILET PARTITION
032	02 41 19.13	HANDRAILS
033	02 41 19.13	CIP CONCRETE WALL
034	02 41 19.13	SLOPED GLAZING ASSEMBLIES
035	02 41 19.13	GRANITE VENEER WALL
036	02 41 19.13	CORRUGATED METAL WALL
037	02 41 19.13	WINDOWS
038	02 41 19.13	HALF WALL
039	02 41 19.13	CURTAINWALL GLASS & FRAMING
040	02 41 19.13	CERAMIC TILE FLOOR

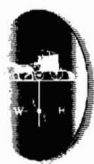
- GENERAL DEMOLITION NOTES**
- 1) INCLUDE DEMO INCIDENTAL TO BUILDING WIDE SYSTEMS SUCH AS HVAC SPRINKLER AND FIRE ALARM SYSTEMS.
 - 2) REMOVE ALL VINYL WALL COVERING FROM ALL WALLS, COLUMNS, SOFFITS ETC. REMOVE ALL GLUE FROM SURFACE FOR SURFACE PREPARATION.
 - 3) REFER TO MECHANICAL & ELECTRICAL DRAWINGS FOR RELATED DEMO WORK. CM TO COORDINATE ALL WORK WITH SUBCONTRACTORS AS REQUIRED.
 - 4) CM SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING AS REQUIRED FOR STRUCTURAL, MECH, ELEC. & FIRE PROTECTION WORK. COORDINATE AS REQUIRED. ALL NEW AND ABANDONED OPENINGS PATCHED BACK TO MATCH EXISTING.
 - 5) CM TO PROTECT AREAS NOT AFFECTED BY CONSTRUCTION ADJACENT TO WORK AREAS. AREAS OCCUPIED BY OWNER DURING CONSTRUCTION TO HAVE ADEQUATE EXITS TO COMPLY WITH ALL CODES.

	<p>PROJECT</p> <p>Portland Public Library Addition / Renovation</p> <p>3 MONUMENT SQUARE PORTLAND, ME</p>
	<p>TITLE</p> <p>LOWER LEVEL DEMO PLAN</p>
<p>THIS DRAWING IS THE PROPERTY OF SCOTT SIMONS ARCHITECTS AND IS NOT TO BE COPIED OR REPRODUCED IN PART OR WHOLE.</p>	<p>STATUS:</p> <p>ISSUED FOR BIDDING CONSTRUCTION DOCUMENTS</p>
	<p>DATE: 02.12.2020</p> <p>SCALE:</p> <p>PROJECT NO. 1909-0000</p> <p>DRAWN BY: Scott Simons Architects</p> <p>DWG NO. D101</p>



144730

1 inch equals 50 feet



PORTLAND WATER DISTRICT
225 Douglass Street
Portland, ME 04104

Legend

S	Blow Off	=	Fire Service	Air Valve	2	Sleeve
R	By Pass	?	Hydrant Control	Date Change	.	Tee
?	Distribution	=	Service			Hydrants
)	End of Main	?	Transmission	#		Reducer

5 Monument Square

Portland



Disclaimer: This map is suitable for preliminary study and analysis pending review of additional information. The data shown are only as accurate as the original data sources from which they were developed.

Drawn By: M.Vautier

Prepared For: Austin Smith

Scale: As Noted

Date: November 13, 2008