

**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0308	Issue Date: 5/1/09	CBL: 434 C001001
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Location of Construction: 331 VERANDA ST	Owner Name: PENOBSCOT BAY MEDICAL AS	Owner Address: PO BOX 9746	Phone: 207-791-3172
Business Name:	Contractor Name: Pizzagalli	Contractor Address: 131 Presumpscot St Portland	Phone: 2078742323
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	Zone: R-P

Past Use: Parking Lot	Proposed Use: Parking Garage/Medical Office Building - Two Level Garage beneath Single Level Medical Office Building.	Permit Fee: \$93,455.00	Cost of Work: \$9,335,254.00	CEO District: 4
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B/S-2 Type: IIB IBC-2003	

Proposed Project Description: Parking Garage/Medical Office Building - Two Level Garage beneath Single Level Medical Office Building.	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i> 4/1/09
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: _____ Date: _____		

Permit Taken By: lmd	Date Applied For: 04/13/2009	<b>Zoning Approval</b>
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</p>	<p>Special Zone or Reviews</p> <p><input checked="" type="checkbox"/> Shoreland <i>within 250 but over 75' from</i></p> <p><input type="checkbox"/> Wetland <i>has in for new construction</i></p> <p><input type="checkbox"/> Flood Zone <i>Phase 2 - Zone C</i></p> <p><input type="checkbox"/> Subdivision</p> <p><input checked="" type="checkbox"/> Site Plan <i>2008-0123</i></p> <p>Maj <input checked="" type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: <i>with conditions</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input checked="" type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation <i>N/A</i></p> <p><input checked="" type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>PERMIT ISSUED</p> <p>JUN - 2 2009</p> <p>CITY OF PORTLAND</p> </div>	<p><i>[Signature]</i> 5/1/09</p>	

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

Memorandum  
Department of Planning and Urban Development  
Planning Division

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TO: Inspections Department

FROM: Philip DiPierro, Development Review Coordinator

DATE: October 10, 2010

RE: C. of O. for # 331 Veranda Street, Martin's Point Healthcare  
(Id#2008-0123) (CBL 434 C 001001)

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After visiting the site, I have the following comments:

Site work complete:

At this time, I recommend issuing a **Permanent Certificate of Occupancy**.

Cc: Inspection Services Manager  
File: Barbara Barhydt, Development Review Services Manager  
File: Urban Insight

3-8-10 SMH

# PLUMBING APPLICATION

**PROPERTY ADDRESS**

Town or Plantation: Portland, MAINE

Street Subdivision Lot #: 331 VERANDA STREET

**PROPERTY OWNERS NAME**

MARTINS POINT HEALTH CARE

Last: \_\_\_\_\_ First: \_\_\_\_\_

Applicant Name: Johnson, JORDAN

Mailing Address of Owner/Applicant (If Different): 12 MUSSEY RD  
SCARBOROUGH, ME. 04074

2009-8133

PORTLAND PERMIT # 11004 TOWN COPY

Date Permit Issued: 7/29/09 \$ 11019.10  If Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. # 360

434000

**Owner/Applicant Statement**

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspectors to deny a Permit.

[Signature] 7/29/09  
Signature of Owner/Applicant Date

**Caution: Inspection Required**

I have inspected the installation authorized above and found it to be in compliance with the Maine Plumbing Rules.

Local Plumbing Inspector Signature: \_\_\_\_\_ Date Approved: \_\_\_\_\_

## PERMIT INFORMATION

**This Application is for**

1.  NEW PLUMBING

2.  RELOCATED PLUMBING

**Type of Structure To Be Served:**

1.  SINGLE FAMILY DWELLING

2.  MODULAR OR MOBILE HOME

3.  MULTIPLE FAMILY DWELLING

4.  OTHER - SPECIFY MEDICAL OFFICE Building

**Plumbing To Be Installed By:**

1.  MASTER PLUMBER

2.  OIL BURNERMAN

3.  MFG'D. HOUSING DEALER/MECHANIC

4.  PUBLIC UTILITY EMPLOYEE

5.  PROPERTY OWNER

LICENSE # 0,2,4,6,0

434001

Hook-Up & Piping Relocation Maximum of 1 Hook-Up	Column 2 Type of Fixture		Column 1 Type of Fixture	
	Number	Type of Fixture	Number	Type of Fixture
<p><b>OR</b></p> <p>HOOK-UP: to public sewer in those cases where the connection is not regulated and inspected by the local Sanitary District.</p> <p>HOOK-UP: to an existing subsurface wastewater disposal system.</p> <p>PIPING RELOCATION: of sanitary lines, drains, and piping without new fixtures.</p> <p><b>OR</b></p> <p>TRANSFER FEE (\$6.00)</p>	10	Hosebibb / Sillcock	1	Bathtub (and Shower)
	20	Floor Drain	2	Shower (Separate)
	1	Urinal	68	Sink
	1	Drinking Fountain	30	Wash Basin <u>Lavatories</u>
	9	Indirect Waste	23	Water Closet (Toilet)
	1	Water Treatment Softener, Filter, etc.	1	Clothes Washer
	1	Grease / Oil Separator	1	Dish Washer
	11	Roof Drain	1	Garbage Disposal
	1	Bidet	1	Laundry Tub
	3	Other: <u>MOP RECEPTOR</u>	2	Water Heater
54	Fixtures (Subtotal) Column 2	125	Fixtures (Subtotal) Column 1	
		54	Fixtures (Subtotal) Column 1	
		179	<b>Total Fixtures</b>	
		N/A	Permit Fee	
		N/A	Permit Fee	

SEE PERMIT FEE SCHEDULE FOR CALCULATING FEE 1090.00

**PLUMBING PERMIT  
CITY OF PORTLAND**

**MARTINS POINT HEALTH CARE  
331 VERANDA STREET  
PORTLAND, MAINE 04103**

**MEDICAL OFFICE BUILDING**

**TOTAL FIXTURES            179**

<b>MAINE STATE SURCHARGE</b>	<b>\$ 10.00</b>
<b>FIRST (3) FIXTURES @ \$8.00 EA.</b>	<b>\$ 24.00</b>
<b>REMAINING (176) FIXTURES @ \$6.00 EA.</b>	<b><u>\$ 1,056.00</u></b>
<b>TOTAL FEE</b>	<b>\$ 1,090.00</b>



April 13, 2010

Subject: Wall Close-In Inspections (7 to 13 lines)

Project: Martin's point Medical Office Building

I have inspected and verified that the tops of all walls from the 7 to 13 line A to D line have been constructed and sealed in accordance with the SMRT construction documents dated May 8, 2009, and in accordance with applicable codes.

Name \_\_\_\_\_

Signature \_\_\_\_\_

I have inspected and verified that all penetrations through fire and smoke walls have been constructed and sealed in accordance with the SMRT construction documents dated May 8, 2009, manufacturers' installation instructions, and in accordance with applicable codes.

Name \_\_\_\_\_

Signature \_\_\_\_\_

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

## BUILDING INSPECTION

# PERMIT

Permit Number: 090308  
**PERMIT ISSUED**  
 [Stamp Area]  
 CBI 134 0001001

This is to certify that PENOBSCOT BAY MEDICAL ASSOCIATES/Pizzagalli  
 has permission to Parking Garage/Medical Office Building - Two Level Garage beneath Single Level Medical Office Building  
 AT 331 VERANDA ST

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of Inspection must be given and written permission procured before this building or part thereof is latched or otherwise closed-in. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

### OTHER REQUIRED APPROVALS

- Fire Dept. \_\_\_\_\_
- Health Dept. \_\_\_\_\_
- Appeal Board \_\_\_\_\_
- Other \_\_\_\_\_  
Department Name

*[Signature]*  
 Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

# SCANNED

**BUILDING PERMIT INSPECTION PROCEDURES**

**Please call 874-8703 or 874-8693 (ONLY )**

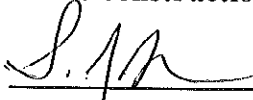
**to schedule your inspections as agreed upon**

**Permits expire in 6 months, if the project is not started or ceases for 6 months.**

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

**By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.**

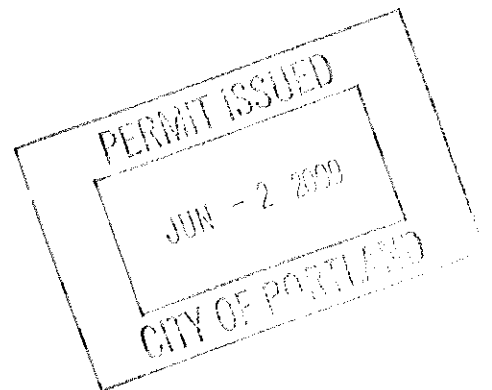
**A Pre-construction Meeting will take place upon receipt of your building permit.**



Signature of Inspections Official



Date



**City of Portland, Maine - Building or Use Permit**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0308	Date Applied For: 04/13/2009	CBL: 434 C001001
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Location of Construction: 331 VERANDA ST	Owner Name: PENOBSCOT BAY MEDICAL AS	Owner Address: PO BOX 9746	Phone: 207-791-3172
Business Name:	Contractor Name: Pizzagalli	Contractor Address: 131 Presumpscot St Portland	Phone: (207) 874-2323
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	

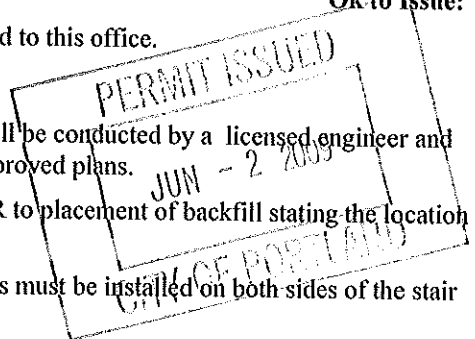
Proposed Use: Parking Garage/Medical Office Building - Two Level Garage beneath Single Level Medical Office Building.	Proposed Project Description: Parking Garage/Medical Office Building - Two Level Garage beneath Single Level Medical Office Building.
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Marge Schmuckal      **Approval Date:** 05/01/2009  
**Note:** **Ok to Issue:**

- 1) Separate permits shall be required for any new signage.
- 2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
- 3) Care must be taken concerning to not disturb and ground cover, grasses, shrubbery or trees within the 75 feet shoreland setback. All best management requirements SHALL be taken to avoid any violations of the Shoreland Zone requirements.

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Chris Hanson      **Approval Date:** 06/01/2009  
**Note:** **Ok to Issue:**

- 1) The design load spec sheets for any engineered beam(s) / Trusses must be submitted to this office.
- 2) Separate Permits shall be required for any new signage.
- 3) An inspection of the installation of the steel and concrete and structural bracing shall be conducted by a licensed engineer and his/her certification shall be submitted to this office stating compliance with the approved plans.
- 4) The owner and builder agree to submit a statement from a licensed surveyor PRIOR to placement of backfill stating the location of the structure is compliant with the City of Portland required setbacks.
- 5) Guards must be 42 inches in height with openings less than 4 inches. Graspable rails must be installed on both sides of the stair guard. Stair treads shall not be less than 11". Stair risers shall not be more than 7".
- 6) All penetrations through rated assemblies must be protected by an approved firestop system installed in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.
- 7) Equipment must be installed in compliance per the manufacturer's specifications
- 8) Fire Alarm systems shall be installed per Sec. 907 of the IBC 2003
- 9) The disposal of mixed construction debris must be handled based on the agreement with the Department of Public Services
- 10) All special inspection reports must be submitted to this office for review within 48 hours of the inspection. A final special inspection report must be submitted prior to issuance of a certificate of occupancy. This report must demonstrate any deficiencies and corrective measures that were taken.
- 11) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.



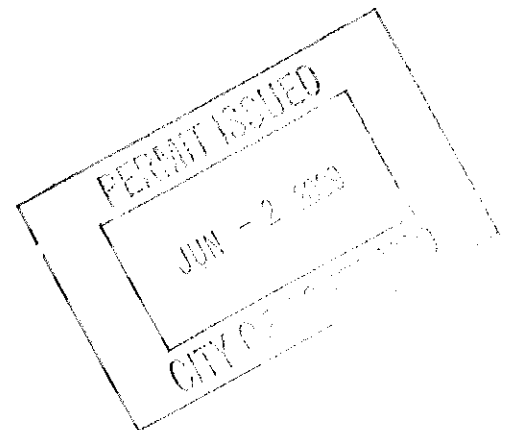
**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:** Capt Keith Gautreau      **Approval Date:** 05/07/2009  
**Note:** **Ok to Issue:**

- 1) All fire alarm records required by NFPA 72 should be stored in an approved cabinet located at the FACP and keyed alike, labeled "FIRE ALARM RECORDS".
- 2) New elevators are required to fit an 80" x 24" stretcher.
- 3) All construction shall comply with NFPA 101



Location of Construction: 331 VERANDA ST	Owner Name: PENOBSCOT BAY MEDICAL AS	Owner Address: PO BOX 9746	Phone: 207-791-3172
Business Name:	Contractor Name: Pizzagalli	Contractor Address: 131 Presumpscot St Portland	Phone (207) 874-2323
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	

- 4) Installation of a Fire Alarm system requires a Knox Box to be installed per city ordinance
- 5) The fire alarm system shall comply with NFPA 72.  
Compliance letter is required.
- 6) A single source supplier should be used for all through penetrations.
- 7) The Fire alarm and Sprinkler systems shall be reviewed by a licensed contractor[s] for code compliance.  
Compliance letters are required.
- 8) Occupancies with an occupant load of 100 persons or more require panic hardware on all doors serving as a means of egress.
- 9) Emergency lights and exit signs are required
- 10 Fire extinguishers required. Installation per NFPA 10
- 11 Emergency lights are required to be tested at the electrical panel.
- 12 Sprinkler protection shall be maintained.  
Where the system is to be shut down for maintenance or repair, the system shall be checked at the end of each day to insure the system has been placed back in service.
- 13 Sprinkler protection shall be maintained.  
Where the system is to be shut down for maintenance or repair, the system shall be checked at the end of each day to insure the system has been placed back in service.
- 14 The Standpipe system shall be installed in accordance with NFPA 14.  
A signed compliance letter will be required.
- 15 The sprinkler system shall be installed in accordance with NFPA 13.
- 16 A separate Sprinkler System Permit is required per the Fire Department.
- 17 System acceptance and commissioning must be co-ordinated with alarm and suppression system contractors and the Fire Department. Call 874-8703 to schedule.
- 18 A separate Fire Alarm System Permit is required per the Fire Department.





# General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 331 Veranda Street			
Total Square Footage of Proposed Structure/Area 126,000		Square Footage of Lot 500,000	
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot# 434                      C005 434                      C001		Applicant <u>must</u> be owner, Lessee or Buyer* Name    Martin's Point Healthcare Address    331 Veranda Street City, State & Zip    Portland, ME 04103	Telephone:  791-3172
Lessee/DBA (If Applicable)  N/A		Owner (if different from Applicant) Name    Same Address City, State & Zip	Cost Of Work: \$ 9,335,254  C of O Fee: \$  Total Fee: \$ 93,373.00
Current legal use (i.e. single family)      Parking Lot		If vacant, what was the previous use?      N/A	
Proposed Specific use:      Parking Garage / Medical Office Building			
Is property part of a subdivision?      No      If yes, please name			
Project description:      Two level parking garage beneath single level medical office building. Parking garage is a precast concrete structure, medical office building has a masonry / glass facade.			
Contractor's name:      Pizzagalli Construction Company			
Address:      131 Presumpscot Street			
City, State & Zip      Portland, ME 04103		Telephone:      874-2323	
Who should we contact when the permit is ready:      Jared Ballard		Telephone:      874-2323 Ext. 118	
Mailing address:			

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: Ann Tucker Date: 4/9/09

This is not a permit; you may not commence ANY work until the permit is issue



*State of Maine*  
 Department of Public Safety  
 Construction Permit



Reviewed  
 for Barrier  
 Free

# 17948

Sprinkled  
 Sprinkler Supervised

MORRISON DEVELOPEMENTAL CENTER

Located at: 331 VERANDA ST.

PORTLAND

Occupancy/Use: EDUCATIONAL/DAYCARE

434 Cool

Permission is hereby given to:

MORRISON DEVELOPMENTAL CENTER

331 VERANDA ST.  
 PORTLAND, ME 04103

to construct or alter the afore referenced building according to the plans hitherto filed with the Commisioner 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 2 nd of March 2009*

Dated the 3 rd day of September A.D. 2008

Commissioner

**Copy-3 Code Enforcement Officer**

Comments:

Code Enforcement Officer  
 PORTLAND, ME

**From:** "Scott Benson" <SBenson@SMRTInc.com>  
**To:** <jmb@portlandmaine.gov>  
**Date:** 4/17/2009 10:56:58 AM  
**Subject:** RE: martin's point health care

hi jeanie: attached below are copies of the "statement of special inspections" and "schedule of special inspections" revised to coordinate appropriate code editions for general compliance and seismic provisions. f.y.i., i delivered copies of this information along with copies of the revised "certificate of design application" and letter regarding seismic requirements authored by janusz wszola to chris hanson this morning in your absence. contact me if you have questions or concerns. regards, scott

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

From: Scott Benson  
Sent: Tuesday, April 14, 2009 1:44 PM  
To: 'jmb@portlandmaine.gov'  
Cc: 'Ballard, Jared'  
Subject: martin's point health care

jeanie:

attached below is a copy of the certificate of design application for the above project. i understand from jared that it became separated from the rest of the building permit application materials. please confirm receipt, and call me if you have questions.

regards,

Scott L. Benson AIA  
Principal

<outbind://3515/smrtlogo.jpg>

<<http://www.smrtinc.com/>> www.smrtinc.com  
144 Fore Street, PO Box 618 Portland, Maine 04104  
p 207.772.3846 f 207.772.1070

**CC:** "Ballard, Jared" <JBallard@pizzagalli.com>, "Ureneck, Paul" <PUreneck@Boulos.com>, <csh@portlandmaine.gov>

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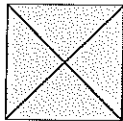
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regards,

**Scott L. Benson AIA**  
*Principal*



[www.smrtinc.com](http://www.smrtinc.com)  
144 Fore Street, PO Box 618 Portland, Maine 04104  
p 207.772.3846 f 207.772.1070

Project: Martin's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 4/17/09

**Schedule of Special Inspection Services – IBC 2003  
 SOILS**

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
IBC Section 1704.7						
I. Verify existing soil conditions, fill placement and load bearing requirements for compliance with the geotechnical report and the contract documents.						
a. Verify materials below footings are adequate to achieve the design bearing capacity.	Y	P		IBC 1704.7		
b. Verify excavations are extended to proper depth and have reached proper material.	Y	P		IBC 1704.7		
c. Perform classification and testing of controlled fill materials.	Y	P		IBC 1704.7		
d. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.	Y	C		IBC 1704.7		
e. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	Y	P		IBC 1704.7		

Project: Martin's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 4/17/09

**Schedule of Special Inspection Services – IBC 2003**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – PRECAST CONCRETE**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. PCI Plant Certification Program: Fabricator shall currently be certified for the specified category by the PCI. Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

**Schedule of Special Inspection Services – IBC 2003**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – STRUCTURAL STEEL**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

Project: Martln's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 4/17/09

### Schedule of Special Inspection Services – IBC 2003

#### FABRICATION AND IMPLEMENTATION PROCEDURES – STEEL STAIRS & GUARDRAIL

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

### Schedule of Special Inspection Services – IBC 2003

#### FABRICATION AND IMPLEMENTATION PROCEDURES – STEEL JOISTS

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. SJI Certification. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

SMRT Project No. 08139  
 Date Prepared: 4/17/09

### Schedule of Special Inspections – IBC 2003

#### STEEL CONSTRUCTION

(This section includes Structural Steel, Steel Joists, & Steel Stairs)

VERIFICATION AND INSPECTION IBC Section 1704.3	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
1. Material verification of high-strength bolts, nuts and washers:						
a. Identification markings to conform to ASTM standards				Applicable ASTM material		



Project: Martin's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 4/17/09

### Schedule of Special Inspections – IBC 2003

#### STEEL CONSTRUCTION

(This section includes Structural Steel, Steel Joists, & Steel Stairs)

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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	P		Applicable ASTM material specifications; AISC 360, Section A3.3		
b. Manufacturer's certificate of compliance required.	Y	S				
2. Inspection of high-strength bolting						
a. Bearing-type connections.	Y	P		AISC 360 Section M2.5		
b. Slip-critical connections.	N			IBC Sect 1704.3.3		n/a
3. Material verification of structural steel:						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	P		ASTM A 6 or ASTM A 568 IBC Sect 1708.4		
b. Manufacturers' certified mill test reports.	Y	S		ASTM A 6 or ASTM A 568 IBC Sect 1708.4		
4. Material verification of weld filler materials:						
a. Identification markings to conform to AWS specification in the approved construction documents.	Y	S		AISC 360, Section A3.5		
b. Manufacturer's certificate of compliance required.	Y	S				
5. Submit current AWS D1.1 welder certificate for all field welders who will be welding on this project.	Y	S		AWS D1.1		
6. Inspection of welding:						
a. Structural steel:						
1) Complete and partial penetration groove welds.	Y	C				
2) Multipass fillet welds.	Y	C				
3) Single-pass fillet welds > 5/16"	Y	C				
4) Single-pass fillet welds < 5/16"	Y	P		IBC 1704.3.1 AWS D1.1		
5) Floor deck shear studs	Y	P				
6) Floor and roof deck welds	Y	P		AWS D1.3		
b. Reinforcing steel:						
1) Verification of weldability of reinforcing steel other than ASTM A706.	Y	C				
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.	Y	C		IBC Sect 1903.5.2 AWS D1.4 ACI 318: 3.5.2		
3) Shear reinforcement.	Y	C				
4) Other reinforcing steel.	Y	P				

Project: Martin's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 4/17/09

**Schedule of Special Inspections – IBC 2003**  
**STEEL CONSTRUCTION (Continued)**

VERIFICATION AND INSPECTION IBC Section 1704.3	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
7. Inspection of steel frame joint details for compliance with approved construction documents:						
a. Details such as bracing and stiffening.	Y	P		IBC 1704.3.2		
b. Member locations.	Y	P				
c. Application of joint details at each connection.	Y	P				
d. Floor deck shear studs locations.	Y	P				

Project: Marlin's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 4/17/09

### Schedule of Special Inspections – IBC 2003 CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
IBC Section 1704.4						
1. Inspection of reinforcing steel, including placement.	Y	P		ACI 318: 3.5, 7.1-7.7		
2. Inspection of reinforcing steel welding in accordance with Steel Construction, Item 6b.	Y		Refer to Steel Construction, Item 6b			
3. Inspect bolts to be installed in concrete prior to and during placement of concrete.	Y	C				
4. Verifying use of required design mix	Y	P		ACI 318: Ch 4, 5.2-5.4		
5. At time fresh concrete is sampled to fabricate specimens for strength test, perform slump and air content test and temperature.	Y	C		ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8		
6. Inspection of concrete placement for proper application techniques	Y	C		ACI 318: 5.9, 5.10		
7. Inspection for maintenance of specified curing temperature and techniques	Y	P		ACI 318: 5.11-5.13		
8. Erection of precast concrete members:						
a. Verify all member sizes, piece marks and connection details for compliance with approved erection drawings.	Y	P		ACI 318: Ch 16		
b. Inspect all field bolted and field welded connections.	Y	P				
c. Verify certification documentation for all welders.	Y	P				

Project: Martin's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 4/17/09

**Schedule of Special Inspections – IBC 2003**  
**MASONRY CONSTRUCTION – LEVEL 1 (NON-ESSENTIAL FACILITY)**

VERIFICATION AND INSPECTION IBC Section 1704.5	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
1. As masonry construction begins, the following shall be verified to ensure compliance:						
a. Proportions of site-prepared mortar.	Y	P		ACI530.1, 2.6A		
b. Construction of mortar joints.	Y	P		ACI530.1, 3.3B		
c. Location of reinforcement and connectors.	Y	P		ACI530.1, 3.4, 3.6A		
2. The inspection program shall verify:						
a. Size and location of structural elements.	Y	P		ACI530.1, 3.3G		
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	Y	P		ACI530, 1.2.2(e), 2.1.4, 3.1.6		
c. Specified size, grade and type of reinforcement.	Y	P		ACI530, 1.13; ACI530.1, 2.4, 3.4		
d. Welding of reinforcing bars.	N	C	Not allowed	AC530, 2.1.10.7.2, 3.3.3.4 (b)		N/A
e. Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).	Y	P		IBC 2104.3, 2104.4; ACI530.1, 1.8C, 1.8D		
3. Prior to grouting, the following shall be verified to ensure compliance:						
a. Grout space is clean.	Y	P		ACI530.1, 3.2D		
b. Placement of reinforcement and connectors and prestressing tendons and anchorages.	Y	P		ACI530, 1.13, ACI530.1, 3.4		
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.	Y	P		ACI530.1, 2.6B		
d. Construction of mortar joints.	Y	P		ACI530.1, 3.3B		
4. Grout placement shall be verified to ensure compliance with code and construction document provisions.	Y	C		ACI530.1, 3.5		
5. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.	Y	C		IBC 2105.2.2, 2105.3; ACI530.1, 1.4		
6. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	Y	P		ACI530.1, 1.5		

### STATEMENT OF SPECIAL INSPECTIONS

<b>PROJECT:</b>	Martin's Point Health Care Medical Office Building
<b>LOCATION:</b>	Portland, Maine
<b>PERMIT APPLICANT:</b>	
<b>APPLICANT'S ADDRESS:</b>	

**Structural Engineer of Record:**

Janusz S. Wszola, P.E.

SMRT, Inc.

Name

Firm

**Architect of Record:**

Scott L. Benson, AIA

SMRT, Inc.

Name

Firm

This Statement of Special Inspections is submitted in accordance with Section 1704 of the 2003 International Building Code. It includes a "Schedule of Special Inspections" and a "Special Inspections List of Agents" specific to this project. The Special Inspector is identified in the "List of Agents."

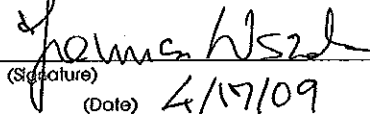
The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Structural Engineer of Record. All discrepancies will be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Structural Engineer of Record and Code Official. Interim reports shall be submitted to the Structural Engineer of Record and 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 and install the materials listed.

Prepared by: (Structural Engineer of Record)

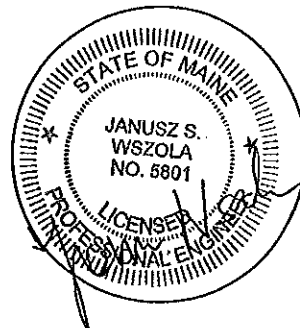
Janusz S. Wszola, PE

(Name)



(Signature)

(Date) 4/17/09



Structural Engineer of Record's  
P.E. Seal

## SPECIAL INSPECTIONS - LIST OF AGENTS

PROJECT: Marlin's Point Health Care Medical Office Building

LOCATION: Portland, Maine

STRUCTURAL  
ENGINEER OF RECORD:

Name	Firm
Janusz S. Wszola, P.E.	SMRT, Inc. 144 Fore Street, P.O. Box 618, Portland, Maine 04104

ARCHITECT  
OF RECORD:

Name	Firm
Scott L. Benson, AIA	SMRT, Inc. 144 Fore Street, P.O. Box 618, Portland, Maine 04104

Following is the list of Agents selected for performance of Special Inspections for this project.

	Type	Firm	Address, Telephone, Email
1.	Special Inspector(P.E.) <i>-Inspection coordinator</i>	TBD by Owner	
2.	Special Inspection, Agent -1 Soils	TBD by Owner	
3.	Special Inspection, Agent-2 Concrete Construction	TBD by Owner	
4.	Special Inspection, Agent-3 Steel Construction, Steel Jolsts, Steel Stairs	TBD by Owner	
5.	Special Inspection, Agent-4 Masonry Construction	TBD by Owner	

Return-path: <SBenson@SMRTInc.com>  
 Received: from barracuda.portlandmaine.gov([172.16.0.63])by  
 smtp.portlandmaine.gov; Fri, 17 Apr 2009 10:56:15 -0400  
 X-ASG-Debug-ID: 1239980166-0700007c0000-rYwL31  
 X-Barracuda-URL: http://172.16.0.63:8000/cgi-bin/mark.cgi  
 Received: from mail.smrtinc.com (localhost [127.0.0.1])by  
 barracuda.portlandmaine.gov (Spam Firewall) with ESMTPIID  
 7B2811CA388; Fri, 17 Apr 2009 10:56:06 -0400 (EDT)  
 Received: from mail.smrtinc.com (rrcs-24-39-39-123.nys.biz.rr.com  
 [24.39.39.123]) by barracuda.portlandmaine.gov with ESMTPIID  
 MWoRIScafdG68hZI; Fri, 17 Apr 2009 10:56:06 -0400 (EDT)  
 X-Barracuda-Envelope-From: SBenson@SMRTInc.com  
 X-MimeOLE: Produced By Microsoft Exchange V6.5  
 Content-class: urn:content-classes:message  
 MIME-Version: 1.0  
 Content-Type: multipart/mixed;boundary="-----  
 \_=\_NextPart\_001\_01C9BF6C.A2DECF8D"  
 X-ASG-Orig-Subj: RE: martin's point health care  
 Subject: RE: martin's point health care  
 Received: Fri, 17 Apr 2009 10:56:06 -0400  
 Message-ID: <B287D28C5AF0F848A9BF57FF7DE34CF10114BCFF@SMRTE  
 X1.smrt.com>  
 In-Reply-To: <B287D28C5AF0F848A9BF57FF7DE34CF10114BCD4@SMRTE  
 X1.smrt.com>  
 X-MS-Has-Attach: yes  
 Thread-Topic: Attached Image  
 Thread-Index: Acm9J8hyshYoIzArTAGH29p0SZEIUwAABGtQAjCp+7A=  
 From: "Scott Benson" <SBenson@SMRTInc.com>  
 To: <jmb@portlandmaine.gov>  
 Cc: "Ballard, Jared" <JBallard@pizzagalli.com>,"Ureneck, Paul"  
 <PUreneck@Boulos.com>,<csh@portlandmaine.gov>  
 X-Barracuda-Connect: rrcs-24-39-39-123.nys.biz.rr.com[24.39.39.123]  
 X-Barracuda-Start-Time: 1239980171  
 X-Barracuda-Virus-Scanned: by Barracuda Spam Firewall at portlandmaine.gov  
 X-Barracuda-Spam-Score: -1001.00  
 X-Barracuda-Spam-Status: No, SCORE=-1001.00 using global scores of TAG\_LEVEL=3.5  
 QUARANTINE\_LEVEL=1000.0 KILL\_LEVEL=8.0  
 Content-Type: text/html;charset="iso-8859-1"  
 Content-Transfer-Encoding: quoted-printable  
 Attachment: 0171\_001.pdf 0170\_001.pdf

hi jeanie: attached below are copies of the "statement of special inspections" and "schedule of special  
 inspections" revised to coordinate appropriate code editions for general compliance and seismic  
 provisions. f.y.i., i delivered copies of this information along with copies of the revised "certificate of  
 design application" and letter regarding seismic requirements authored by janusz wszola to chris hanson  
 this morning in your absence. contact me if you have questions or concerns. regards, scott

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

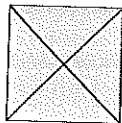
**From:** Scott Benson  
**Sent:** Tuesday, April 14, 2009 1:44 PM  
**To:** 'jmb@portlandmaine.gov'  
**Cc:** 'Ballard, Jared'  
**Subject:** martin's point health care

jeanie:

attached below is a copy of the certificate of design application for the above project. i understand from jared that it became separated from the rest of the building permit application materials. please confirm receipt, and call me if you have questions.

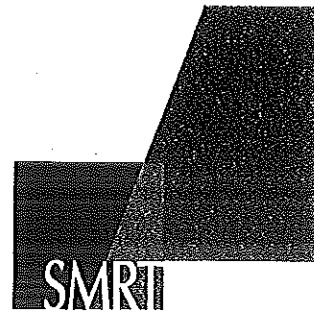
regards,

**Scott L. Benson AIA**  
*Principal*



[www.smrinc.com](http://www.smrinc.com)  
144 Fore Street, PO Box 618 Portland, Maine 04104  
p 207.772.3846 f 207.772.1070





April 16, 2009

Jeanie Bourke, Director  
Inspection Services Program  
Planning Department  
City of Portland  
389 Congress Street  
Portland, ME 04101

Re: Martin's Point Health Care MOB - Seismic design code

Dear Jeanie,

This is a follow-up to your conversation yesterday (4/15/2009) with Scott Benson, architect and manager for the project, regarding the IBC edition on which we would like to base the seismic design for the above project.

Our review of both editions of IBC 2003 and 2006 indicate that for this particular project, the building Seismic Design Category remains the same.

For the seismic design, we prefer to use the IBC 2006 since it is based on the most current state of the seismic design knowledge and recommendations and hence, in our opinion, is a more valid design basis for the 2009 project.

I hope that it will be acceptable to you that we base the seismic design for this building on the 2006 edition of IBC.

I greatly appreciate that you are taking time to review this issue.

Please call if you have any questions.

Sincerely,  
SMRT

A handwritten signature in black ink that reads 'Janusz Wszola'. The signature is written in a cursive, flowing style.

Janusz Wszola, PE  
Structural Engineer

144 Fore Street  
P.O. Box 618  
Portland, ME 04104  
p 207.772.3846 ext. 842 f 207.772.1070 email: jwszola@smrtinc.com

cc: SLB, 08139/22

*Respond*



# PORTLAND MAINE

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Director of Planning and Urban Development  
Penny St. Louis Littell

Inspection Services Director  
Tammy Munson

May 8, 2009

SMRT

Attn: Janusz Wszola, PE  
144 Fore Street  
PO Box 618  
Portland, ME 04104

**RE: 331 Veranda Street**  
**CBL: 434 C001001**  
**Building Permit Application: #09-0308**

Dear Janusz,

Thank you for your request for waiver dated April 16, 2009 for work at the above mentioned property. The request is to utilize the 2006 version of the International Building Code (IBC) as it pertains to the seismic design.

The following are the facts:

1. The City of Portland is currently working under the IBC 2003. State Law does not allow the City to adopt the IBC 2006.
2. You have reviewed the design of the above-listed building in accordance with both ASCE 7-02 (referenced in 2003IBC) and ASCE 7-05 (referenced in 2006 IBC). You have concluded that the building Seismic Design Category remains the same, but are requesting the utilization of the 2006 Code due to the validity of the design basis.
3. These guidelines are based on newer, more recent data provided by the United States Geological Survey (USGS), and represent the latest science and data in the structural engineering field.
4. The portions of IBC 2006 that are less restrictive than the IBC 2003 are the Seismic requirements. The other portions of Chapter 16, IBC 2006 are either procedural modifications or are generally more restrictive than the requirements of the IBC 2003.



# Certificate of Design

Date: APRIL 13, 2009

From: SMRT, INC.

These plans and / or specifications covering construction work on:

MARTIN'S POINT HEALTHCARE MEDICAL OFFICE BLDG.

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.



Signature: Scott L. Seaton

Title: ARCHITECT

Firm: SMRT, INC.

Address: 144 FORE STREET

PORTLAND, ME 04103

Phone: 207.772.3846

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)



# Accessibility Building Code Certificate

Designer: SMRT, INC.

Address of Project: 331 VERANDAH STREET

Nature of Project: NEW MEDICAL OFFICE BUILDING  
OVER TWO LEVELS OF STRUCTURED  
PARKING.

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.



Signature: Scott L. R.

Title: ARCHITECT

Firm: SMRT, INC.

Address: 144 FORE ST.  
PORTLAND, ME 04103

Phone: 207.772.3846

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)

**Martin's Point Health Care MOB  
Values for Permit Calculation**

Div 2	Sitework	\$	686,997
Div 3	Concrete	\$	2,215,526
Div 4	Masonry	\$	742,208
Div 5	Steel	\$	1,254,300
Div 6	Carpentry	\$	324,955
Div 7	Roofing, Siding	\$	674,583
Div 8	Doors & Windows	\$	591,240
Div 9	Finishes	\$	1,303,872
Div 10	Specialties	\$	109,720
Div 13	Special Construction	\$	8,000
Div 14	Elevator	\$	120,000
Div 31	Earthwork	\$	165,146
Div 32	Exterior Improvements	\$	640,211
Div 33	Utilities	\$	495,396
Div 34	Transportation	\$	3,100
	Total Cost of Work	\$	9,335,254

Permit Cost Calc	
\$30/1st \$1000	\$ 30.00
\$10/\$1000	\$ 93,342.54

Permit Cost **\$ 93,372.54**

**Schedule of Special Inspection Services – IBC 2006**  
**SOILS**

VERIFICATION AND INSPECTION  IBC Section 1704.7	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
1. Verify existing soil conditions, fill placement and load bearing requirements for compliance with the geotechnical report and the contract documents.						
a. Verify materials below footings are adequate to achieve the design bearing capacity.	Y	P		IBC 1704.7		
b. Verify excavations are extended to proper depth and have reached proper material.	Y	P		IBC 1704.7		
c. Perform classification and testing of controlled fill materials.	Y	P		IBC 1704.7		
d. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.	Y	C		IBC 1704.7		
e. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	Y	P		IBC 1704.7		

**Schedule of Special Inspection Services – IBC 2006**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – PRECAST CONCRETE**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. PCI Plant Certification Program: Fabricator shall currently be certified for the specified category by the PCI. Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

**Schedule of Special Inspection Services – IBC 2006**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – STRUCTURAL STEEL**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

**Schedule of Special Inspection Services – IBC 2006**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – STEEL STAIRS & GUARDRAIL**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

**Schedule of Special Inspection Services – IBC 2006**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – STEEL JOISTS**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. SJI Certification. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		



## Schedule of Special Inspections – IBC 2006

### STEEL CONSTRUCTION

(This section includes Structural Steel, Steel Joists, & Steel Stairs)

VERIFICATION AND INSPECTION IBC Section 1704.3	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
<b>1. Material verification of high-strength bolts, nuts and washers:</b>						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	P		Applicable ASTM material specifications; AISC 360, Section A3.3		
b. Manufacturer's certificate of compliance required.	Y	S				
<b>2. Inspection of high-strength bolting</b>						
a. Bearing-type connections.	Y	P		AISC 360 Section M2.5		
b. Slip-critical connections.	N			IBC Sect 1704.3.3		n/a
<b>3. Material verification of structural steel:</b>						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	P		ASTM A 6 or ASTM A 568 IBC Sect 1708.4		
b. Manufacturers' certified mill test reports.	Y	S		ASTM A 6 or ASTM A 568 IBC Sect 1708.4		
<b>4. Material verification of weld filler materials:</b>						
a. Identification markings to conform to AWS specification in the approved construction documents.	Y	S		AISC 360, Section A3.5		
b. Manufacturer's certificate of compliance required.	Y	S				
<b>5. Submit current AWS D1.1 welder certificate for all field welders who will be welding on this project.</b>	Y	S		AWS D1.1		
<b>6. Inspection of welding:</b>						
a. Structural steel:						
1) Complete and partial penetration groove welds.	Y	C		IBC 1704.3.1 AWS D1.1		
2) Multipass fillet welds.	Y	C				
3) Single-pass fillet welds > 5/16"	Y	C				
4) Single-pass fillet welds < 5/16"	Y	P				
5) Floor deck shear studs	Y	P		AWS D1.3		
6) Floor and roof deck welds	Y	P				
b. Reinforcing steel:						
1) Verification of weldability of reinforcing steel other than ASTM A706.	Y	C		IBC Sect 1903.5.2 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.	Y	C				
3) Shear reinforcement.	Y	C				
4) Other reinforcing steel.	Y	P				

Project: Martin's Point Health Care Medical Office Building  
 SMRT Project No. 08139  
 Date Prepared: 2/03/09

**Schedule of Special Inspections – IBC 2006**  
**STEEL CONSTRUCTION (Continued)**

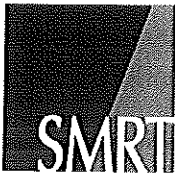
VERIFICATION AND INSPECTION IBC Section 1704.3	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
7. Inspection of steel frame joint details for compliance with approved construction documents:						
a. Details such as bracing and stiffening.	Y	P		IBC 1704.3.2		
b. Member locations.	Y	P				
c. Application of joint details at each connection.	Y	P				
d. Floor deck shear studs locations.	Y	P				

**Schedule of Special Inspections – IBC 2006**  
**CONCRETE CONSTRUCTION**

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
IBC Section 1704.4						
1. Inspection of reinforcing steel, including placement.	Y	P		ACI 318: 3.5, 7.1-7.7		
2. Inspection of reinforcing steel welding in accordance with Steel Construction, Item 6b.	Y		Refer to Steel Construction, Item 6b			
3. Inspect bolts to be installed in concrete prior to and during placement of concrete.	Y	C				
4. Verifying use of required design mix	Y	P		ACI 318: Ch 4, 5.2-5.4		
5. At time fresh concrete is sampled to fabricate specimens for strength test, perform slump and air content test and temperature.	Y	C		ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8		
6. Inspection of concrete placement for proper application techniques	Y	C		ACI 318: 5.9, 5.10		
7. Inspection for maintenance of specified curing temperature and techniques	Y	P		ACI 318: 5.11-5.13		
8. Erection of precast concrete members:						
a. Verify all member sizes, piece marks and connection details for compliance with approved erection drawings.	Y	P		ACI 318: Ch 16		
b. Inspect all field bolted and field welded connections.	Y	P				
c. Verify certification documentation for all welders.	Y	P				

**Schedule of Special Inspections – IBC 2006**  
**MASONRY CONSTRUCTION – LEVEL 1 (NON-ESSENTIAL FACILITY)**

VERIFICATION AND INSPECTION IBC Section 1704.5	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
1. As masonry construction begins, the following shall be verified to ensure compliance:						
a. Proportions of site-prepared mortar.	Y	P		ACI530.1, 2.6A		
b. Construction of mortar joints.	Y	P		ACI530.1, 3.3B		
c. Location of reinforcement and connectors.	Y	P		ACI530.1, 3.4, 3.6A		
2. The inspection program shall verify:						
a. Size and location of structural elements.	Y	P		ACI530.1, 3.3G		
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	Y	P		ACI530, 1.2.2(e), 2.1.4, 3.1.6		
c. Specified size, grade and type of reinforcement.	Y	P		ACI530, 1.13, ACI530.1, 2.4, 3.4		
d. Welding of reinforcing bars.	N	C	Not allowed	AC530, 2.1.10.7.2, 3.3.3.4 (b)		N/A
e. Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).	Y	P		IBC 2104.3, 2104.4; ACI530.1, 1.8C, 1.8D		
3. Prior to grouting, the following shall be verified to ensure compliance:						
a. Grout space is clean.	Y	P		ACI530.1, 3.2D		
b. Placement of reinforcement and connectors and prestressing tendons and anchorages.	Y	P		ACI530, 1.13, ACI530.1, 3.4		
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.	Y	P		ACI530.1, 2.6B		
d. Construction of mortar joints.	Y	P		ACI530.1, 3.3B		
4. Grout placement shall be verified to ensure compliance with code and construction document provisions.	Y	C		ACI530.1, 3.5		
5. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.	Y	C		IBC 2105.2.2, 2105.3; ACI530.1, 1.4		
6. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	Y	P		ACI530.1, 1.5		



# Letter of Transmittal

ATTN: Jeanie Bourke  
Code Enforcement Officer

Company: Inspections Division  
Planning & Urban Development  
Department  
City of Portland  
389 Congress Street  
Portland, ME 04101  
Hand Delivered

Date: April 17, 2009

From: Scott L. Benson, AIA

Subject: Permitting Documents

Project/  
No.: Martin's Point Health Care -  
Medical Office Building  
08139

- ▶ We are sending you:  Attached  Under separate cover via \_\_\_\_\_ the following:
- Shop drawings  Prints  Plans  Samples  Specifications
- CDs  Change Order  Other: See Below

Copies	Date	Description
1	4/16/09	Email regarding Certificate of Design Application
1	4/13/09	Certificate of Design Application
1	4/16/09	Letter from Janusz Wszola re: IBC edition for seismic design
1	4/17/09	Statement of Special Inspections (IBC 2003) and List of Agents
1	4/17/09	Schedule of Special Inspection Services - IBC 2003

- ▶ These are transmitted as checked below:
- For approval  Approved as submitted  Resubmit \_\_\_\_\_ copies for approval
- For your use  Approved as noted  Submit \_\_\_\_\_ copies for distribution
- As requested  Returned for corrections  Return \_\_\_\_\_ corrected prints
- For review and comment  Other: For permitting
- For BIDS DUE \_\_\_\_\_, 20\_\_\_\_\_  Prints RETURNED AFTER LOAN to us

▶ Remarks:

cc: SLB, File 08139/22

APR 17 2009

Signature *Scott Benson*

**Scott Benson**

---

**From:** Scott Benson  
**Sent:** Thursday, April 16, 2009 3:17 PM  
**To:** 'Jeanie Bourke'  
**Subject:** RE: martin's point health care

hi jean: thank you for calling earlier today. per your phone message, i have attached below smrt's letter requesting application of 2006 ibc design seismic requirements for this project, and a copy of the "certificate of design application" revised to clarify that the limit of applicability of 2006 ibc is seismic design. please confirm receipt and completeness of application. call me if you have questions or concerns. regards, scott

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

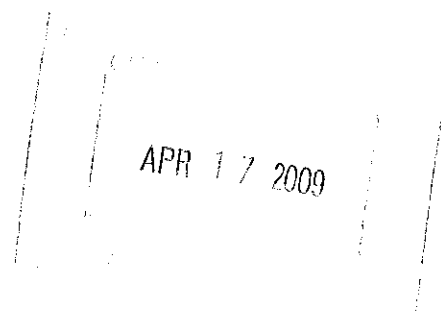
**From:** Jeanie Bourke [mailto:JMB@portlandmaine.gov]  
**Sent:** Wednesday, April 15, 2009 8:34 AM  
**To:** Scott Benson  
**Subject:** Re: martin's point health care

Hi Scott,  
Yes I have received it and have a couple questions.

The current code is the 2003 IBC, I notice this was crossed out and replaced with 2006. What is the occupancy classification? It looks like II. What is the construction type 2B or 3B?  
Thanks

Jeanie Bourke  
Code Enforcement Officer/Plan Reviewer

City of Portland  
Planning & Urban Development Dept./ Inspections Division  
389 Congress St. Rm 315  
Portland, ME 04101  
[jmb@portlandmaine.gov](mailto:jmb@portlandmaine.gov)  
(207)874-8715



>>> "Scott Benson" <SBenson@SMRTInc.com> 04/14 1:43 PM >>>  
jeanie:

attached below is a copy of the certificate of design application for the above project. i understand from jared that it became separated from the rest of the building permit application materials. please confirm receipt, and call me if you have questions.

regards,

Scott L. Benson AIA  
*Principal*

[www.smrinc.com](http://www.smrinc.com)  
144 Fore Street, PO Box 618 Portland, Maine 04104  
p 207.772.3846 f 207.772.1070



April 16, 2009

Jeanie Bourke, Director  
Inspection Services Program  
Planning Department  
City of Portland  
389 Congress Street  
Portland, ME 04101

Re: Martin's Point Health Care MOB - Seismic design code

Dear Jeanie,

This is a follow-up to your conversation yesterday (4/15/2009) with Scott Benson, architect and manager for the project, regarding the IBC edition on which we would like to base the seismic design for the above project.

Our review of both editions of IBC 2003 and 2006 indicate that for this particular project, the building Seismic Design Category remains the same.

For the seismic design, we prefer to use the IBC 2006 since it is based on the most current state of the seismic design knowledge and recommendations and hence, in our opinion, is a more valid design basis for the 2009 project.

I hope that it will be acceptable to you that we base the seismic design for this building on the 2006 edition of IBC.

I greatly appreciate that you are taking time to review this issue.

Please call if you have any questions.

Sincerely,  
SMRT

A handwritten signature in black ink, appearing to read "Janusz Wszola", is written over the typed name.

Janusz Wszola, PE  
Structural Engineer

144 Fore Street  
P.O. Box 618  
Portland, ME 04104  
p 207.772.3846 ext. 842 f 207.772.1070 email: jwszola@smrtinc.com

cc: SLB, 08139/22

APR 17 2009





# Certificate of Design Application

From Designer: SMART, INC.  
 Date: APRIL 13, 2009  
 Job Name: MARTIN'S POINT HEALTHCARE MED. OFFICE BLDG.  
 Address of Construction: 331 VERANDAH STREET

2006 SIESM  
2003 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year IBC 2003 Use Group Classification (s) BUSINESS (B) / STORAGE (S-2)  
 Type of Construction NON-COMBUSTIBLE / UNPROTECTED (2B)  
 Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC YES  
 Is the Structure mixed use? YES If yes, separated or non separated or non separated (section 302.3) SEPARATED  
 Supervisory alarm System? YES Geotechnical/Soils report required? (See Section 1802.2) YES

### Structural Design Calculations

N/A Submitted for all structural members (106.1 - 106.11)

### Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
<u>MOB FLOOR 1</u>	<u>100 PSF</u>
<u>STAIRS, COMMONS</u>	<u>150 PSF</u>
<u>GARAGE</u>	<u>IBC 2003 (40PSF)</u>
<u>PENTHOUSE FLOOR</u>	<u>60 PSF</u>

### Wind loads (1603.1.4, 1609)

ANALYTICAL Design option utilized (1609.1.1, 1609.0)  
PROG. 1609.1.1  
100 mph Basic wind speed (1809.3)  
I, I = 1.0 Building category and wind importance Factor,  $I_w$  table 1604.5, 1609.5)  
C Wind exposure category (1609.4)  
+0.18 / +1.055 Internal pressure coefficient (ASCE 7)  
30(G<sub>cf</sub> + G<sub>cl</sub>) Component and cladding pressures (1609.1.1, 1609.6.2.2)  
40 psf Main force wind pressures (7603.1.1, 1609.6.2.1)  
 Earth design data (1603.1.5, 1614-1623)  
ELFP (ASCE 7-05) Design option utilized (1614.1)  
II Seismic use group ("Category")  
0.255, 0.088 Spectral response coefficients, S<sub>s</sub> & S<sub>d1</sub> (1615.1) #  
C Site class (1615.1.5)

# BASED ON S<sub>s</sub> & S<sub>d1</sub> FROM IBC 2006 / ASCE 4-05

1607.9 Live load reduction  
60 psf - ep, <sup>CONC. PADS</sup> Roof live loads (1603.1.2, 1607.11)  
35 PSF Roof snow loads (1603.7.3, 1608)  
42 PSF - CANOPIES  
50 PSF Ground snow load, P<sub>g</sub> (1608.2)  
35 psf If P<sub>g</sub> > 10 psf, flat-roof snow load  $P_f$   
1.0 If P<sub>g</sub> > 10 psf, snow exposure factor,  $C_e$   
1.0 If P<sub>g</sub> > 10 psf, snow load importance factor,  $I_s$   
1.0 Roof thermal factor,  $C_t$  (1608.4)  
(1.2 · CANOPIES)  
35 PSF Sloped roof snowload, P<sub>s</sub> (1608.4)  
B Seismic design category (1616.3)  
SHEAR WALLS Basic seismic force resisting system (1617.6.2)  
3.5 Response modification coefficient,  $R$ , and  
4.0 deflection amplification factor,  $C_d$  (1617.6.2)  
ELFP Analysis procedure (1616.6, 1617.5)  
V = 0.073 × N Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)  
 Flood Hazard area (1612.3)  
43.0' Elevation of structure

Other loads  
Per Table 1607.1 Concentrated loads (1607.4)  
LL > 30 PSF (N/A) Partition loads (1607.5)  
elevatn impact Misc. loads (Table 1607.4, 1607.6.1, 1607.6.2)  
vehicle barrier 1607.12, 1607.13, 1610, 1611, 2404

# STATEMENT OF SPECIAL INSPECTIONS

<b>PROJECT:</b>	Martin's Point Health Care Medical Office Building
<b>LOCATION:</b>	Portland, Maine
<b>PERMIT APPLICANT:</b>	
<b>APPLICANT'S ADDRESS:</b>	

**Structural Engineer of Record:**

Janusz S. Wszola, P.E.

SMRT, Inc.

Name

Firm

**Architect of Record:**

Scott L. Benson, AIA

SMRT, Inc.

Name

Firm

This Statement of Special Inspections is submitted in accordance with Section 1704 of the 2003 International Building Code. It includes a "Schedule of Special Inspections" and a "Special Inspections List of Agents" specific to this project. The Special Inspector is identified in the "List of Agents."

The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Structural Engineer of Record. All discrepancies will 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 Structural Engineer of Record and Code Official. Interim reports shall be submitted to the Structural Engineer of Record and 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 and install the materials listed.

Prepared by: *(Structural Engineer of Record)*

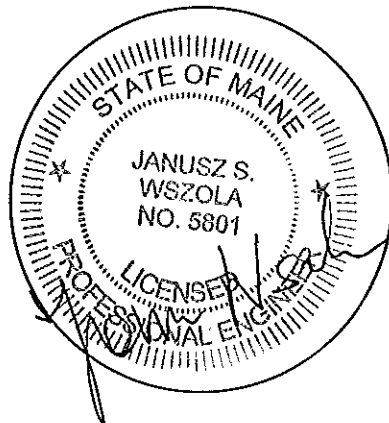
Janusz S. Wszola, PE

(Name)

*Janusz Wszola*

(Signature)

(Date) 4/17/09



## **SPECIAL INSPECTIONS - LIST OF AGENTS**

PROJECT: Martin's Point Health Care Medical Office Building

LOCATION: Portland, Maine

STRUCTURAL  
ENGINEER OF RECORD:

Name	Firm
Janusz S. Wszola, P.E.	SMRT, Inc. 144 Fore Street, P.O. Box 618, Portland, Maine 04104

ARCHITECT  
OF RECORD:

Name	Firm
Scott L. Benson, AIA	SMRT, Inc. 144 Fore Street, P.O. Box 618, Portland, Maine 04104

Following is the list of Agents selected for performance of Special Inspections for this project.

	Type	Firm	Address, Telephone, Email
1.	Special Inspector(P.E.) <i>-Inspection coordinator</i>	TBD by Owner	
2.	Special Inspection, Agent -1 Soils	TBD by Owner	
3.	Special Inspection, Agent-2 Concrete Construction	TBD by Owner	
4.	Special Inspection, Agent-3 Steel Construction, Steel Joists, Steel Stairs	TBD by Owner	
5.	Special Inspection, Agent-4 Masonry Construction	TBD by Owner	

**Schedule of Special Inspection Services – IBC 2003**  
**SOILS**

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
IBC Section 1704.7						
1. Verify existing soil conditions, fill placement and load bearing requirements for compliance with the geotechnical report and the contract documents.						
a. Verify materials below footings are adequate to achieve the design bearing capacity.	Y	P		IBC 1704.7		
b. Verify excavations are extended to proper depth and have reached proper material.	Y	P		IBC 1704.7		
c. Perform classification and testing of controlled fill materials.	Y	P		IBC 1704.7		
d. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.	Y	C		IBC 1704.7		
e. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	Y	P		IBC 1704.7		

**Schedule of Special Inspection Services – IBC 2003**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – PRECAST CONCRETE**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. PCI Plant Certification Program: Fabricator shall currently be certified for the specified category by the PCI. Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

**Schedule of Special Inspection Services – IBC 2003**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – STRUCTURAL STEEL**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

**Schedule of Special Inspection Services – IBC 2003**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – STEEL STAIRS & GUARDRAIL**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

**Schedule of Special Inspection Services – IBC 2003**  
**FABRICATION AND IMPLEMENTATION PROCEDURES – STEEL JOISTS**

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	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. SJI Certification. . Submit copy of certificate.	Y	S	Fabricator shall submit one of the two qualifications			
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		

## Schedule of Special Inspections – IBC 2003

### STEEL CONSTRUCTION

(This section includes Structural Steel, Steel Joists, & Steel Stairs)

VERIFICATION AND INSPECTION IBC Section 1704.3	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
<b>1. Material verification of high-strength bolts, nuts and washers:</b>						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	P		Applicable ASTM material specifications; AISC 360, Section A3.3		
b. Manufacturer's certificate of compliance required.	Y	S				
<b>2. Inspection of high-strength bolting</b>						
a. Bearing-type connections.	Y	P		AISC 360 Section M2.5 IBC Sect 1704.3.3		
b. Slip-critical connections.	N					n/a
<b>3. Material verification of structural steel:</b>						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Y	P		ASTM A 6 or ASTM A 568 IBC Sect 1708.4		
b. Manufacturers' certified mill test reports.	Y	S		ASTM A 6 or ASTM A 568 IBC Sect 1708.4		
<b>4. Material verification of weld filler materials:</b>						
a. Identification markings to conform to AWS specification in the approved construction documents.	Y	S		AISC 360, Section A3.5		
b. Manufacturer's certificate of compliance required.	Y	S				
5. Submit current AWS D1.1 welder certificate for all field welders who will be welding on this project.	Y	S		AWS D1.1		
<b>6. Inspection of welding:</b>						
<b>a. Structural steel:</b>						
1) Complete and partial penetration groove welds.	Y	C		IBC 1704.3.1 AWS D1.1		
2) Multipass fillet welds.	Y	C				
3) Single-pass fillet welds > 5/16"	Y	C				
4) Single-pass fillet welds < 5/16"	Y	P				
5) Floor deck shear studs	Y	P				
6) Floor and roof deck welds	Y	P		AWS D1.3		
<b>b. Reinforcing steel:</b>						
1) Verification of weldability of reinforcing steel other than ASTM A706.	Y	C		IBC Sect 1903.5.2 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.	Y	C				
3) Shear reinforcement.	Y	C				
4) Other reinforcing steel.	Y	P				

**Schedule of Special Inspections – IBC 2003**  
**STEEL CONSTRUCTION (Continued)**

VERIFICATION AND INSPECTION IBC Section 1704.3	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
7. Inspection of steel frame joint details for compliance with approved construction documents:						
a. Details such as bracing and stiffening.	Y	P		IBC 1704.3.2		
b. Member locations.	Y	P				
c. Application of joint details at each connection.	Y	P				
d. Floor deck shear studs locations.	Y	P				



**Schedule of Special Inspections – IBC 2003**  
**CONCRETE CONSTRUCTION**

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
IBC Section 1704.4						
1. Inspection of reinforcing steel, including placement.	Y	P		ACI 318: 3.5, 7.1-7.7		
2. Inspection of reinforcing steel welding in accordance with Steel Construction, Item 6b.	Y		Refer to Steel Construction, Item 6b			
3. Inspect bolts to be installed in concrete prior to and during placement of concrete.	Y	C				
4. Verifying use of required design mix	Y	P		ACI 318: Ch 4, 5.2-5.4		
5. At time fresh concrete is sampled to fabricate specimens for strength test, perform slump and air content test and temperature.	Y	C		ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8		
6. Inspection of concrete placement for proper application techniques	Y	C		ACI 318: 5.9, 5.10		
7. Inspection for maintenance of specified curing temperature and techniques	Y	P		ACI 318: 5.11-5.13		
8. Erection of precast concrete members:						
a. Verify all member sizes, piece marks and connection details for compliance with approved erection drawings.	Y	P		ACI 318: Ch 16		
b. Inspect all field bolted and field welded connections.	Y	P				
c. Verify certification documentation for all welders.	Y	P				

**Schedule of Special Inspections – IBC 2003**  
**MASONRY CONSTRUCTION – LEVEL 1 (NON-ESSENTIAL FACILITY)**

VERIFICATION AND INSPECTION IBC Section 1704.5	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
1. As masonry construction begins, the following shall be verified to ensure compliance:						
a. Proportions of site-prepared mortar.	Y	P		ACI530.1, 2.6A		
b. Construction of mortar joints.	Y	P		ACI530.1, 3.3B		
c. Location of reinforcement and connectors.	Y	P		ACI530.1, 3.4, 3.6A		
2. The inspection program shall verify:						
a. Size and location of structural elements.	Y	P		ACI530.1, 3.3G		
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	Y	P		ACI530, 1.2.2(e), 2.1.4, 3.1.6		
c. Specified size, grade and type of reinforcement.	Y	P		ACI530, 1.13, ACI530.1, 2.4, 3.4		
d. Welding of reinforcing bars.	N	C	Not allowed	AC530, 2.1.10.7.2, 3.3.3.4 (b)		N/A
e. Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).	Y	P		IBC 2104.3, 2104.4; ACI530.1, 1.8C, 1.8D		
3. Prior to grouting, the following shall be verified to ensure compliance:						
a. Grout space is clean.	Y	P		ACI530.1, 3.2D		
b. Placement of reinforcement and connectors and prestressing tendons and anchorages.	Y	P		ACI530, 1.13, ACI530.1, 3.4		
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.	Y	P		ACI530.1, 2.6B		
d. Construction of mortar joints.	Y	P		ACI530.1, 3.3B		
4. Grout placement shall be verified to ensure compliance with code and construction document provisions.	Y	C		ACI530.1, 3.5		
5. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.	Y	C		IBC 2105.2.2, 2105.3; ACI530.1, 1.4		
6. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	Y	P		ACI530.1, 1.5		