

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING DEPARTMENT

PERMIT

Please Read Application And Notes, If Any, Attached

Permit Number: 090308
PERMIT ISSUED
331 VERANDA ST
#34 C001001

This is to certify that PENOBSCOT BAY MEDICAL ASSOCIATION legally
has permission to Parking Garage/Medical Office Building - Two Level Garage below Single Level Medical Office Building.
AT 331 VERANDA ST City of Portland, Oregon

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 lathed or otherwise used-in. 2 HOURLY 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

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: 4/1/09	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

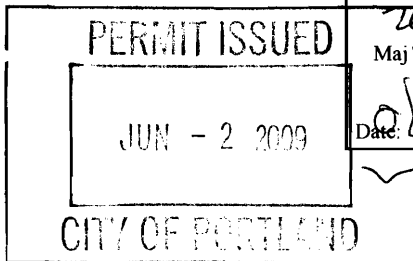
Past Use: Parking Lot	Proposed Use: Parking Garage/Medical Office Building - Two Level Garage beneath Single Level Medical Office Building.	Permit Fee: \$93,455.00	Cost of Work: \$9,335,254.00	CEO District: 4
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use 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	Zoning Approval	
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- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- 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..

Special Zone or Reviews <input checked="" type="checkbox"/> Shoreland <i>within 250' but over 75' from</i> <input type="checkbox"/> Wetland <i>has in for new construction</i> <input type="checkbox"/> Flood Zone <i>Phase 2 - Zone C</i> <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>2008-0123</i> Maj <input checked="" type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>with conditions</i> <i>5/1/09</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input checked="" type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input checked="" type="checkbox"/> Approved <i>N/A</i> <input type="checkbox"/> Denied	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied
Date:	Date:	Date:



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

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.

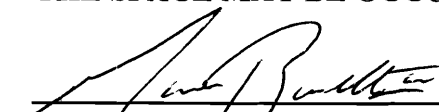
A Pre-construction Meeting will take place upon receipt of your building permit.

- Footing/Building Location Inspection: Prior to pouring concrete or setting precast piers
- Re-Bar Schedule Inspection: Prior to pouring concrete
- Foundation Inspection: Prior to placing ANY backfill for below grade occupiable space
- Framing/Rough Plumbing/Electrical: Prior to Any Insulating or drywalling
- Final/Certificate of Occupancy: Prior to any occupancy of the structure or use.
NOTE: There is a \$75.00 fee per inspection at this point.
- The final report of Special Inspections shall be submitted prior to the final inspection or the issuance of the Certificate of Occupancy
- Underground electrical or plumbing inspection prior to pouring concrete
- Final inspection of barriers or alarm systems

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.



Signature of Applicant/Designee

02 JUN 09

Date

BUILDING PERMIT INSPECTION PROCEDURES

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

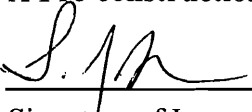
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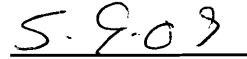
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A Pre-construction Meeting will take place upon receipt of your building permit.



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

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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) <u>Parking Lot</u> If vacant, what was the previous use? <u>N/A</u> Proposed Specific use: <u>Parking Garage / Medical Office Building</u> Is property part of a subdivision? <u>No</u> If yes, please name _____ Project description: <u>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.</u>		
Contractor's name: <u>Pizzagalli Construction Company</u> Address: <u>131 Presumpscot Street</u> City, State & Zip <u>Portland, ME 04103</u> Telephone: <u>874-2323</u> Who should we contact when the permit is ready: <u>Jared Ballard</u> Telephone: <u>874-2323 Ext. 118</u> 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, 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

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/smrlogo.jpg>

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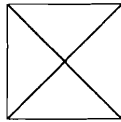
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www.smrinc.com
144 Fore Street, PO Box 618 Portland, Maine 04104
p 207.772.3846 f 207.772.1070

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						
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		

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-	Y	S	Fabricator shall submit one of the two qualifications			
2. PCI Plant Certification Program: Fabricator shall currently be certified for the specified category by the PCI. Submit copy of certificate.						
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-	Y	S	Fabricator shall submit one of the two qualifications			
2. AISC Certification. . Submit copy of certificate.						
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: 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 – 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	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		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. 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: 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: Martin'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

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

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."

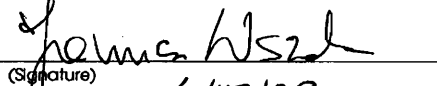
The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Structural Engineer of Record. All discrepancies will be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected,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

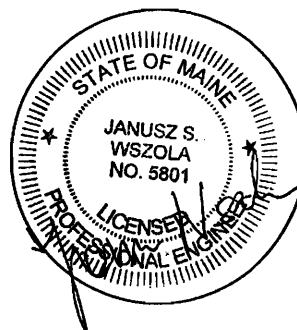
Janusz S. Wszola, PE

(Name)



(Signature)

(Date) 4/17/09



*Structural Engineer of Record's
P.E. Seal*

SPECIAL INSPECTIONS - LIST OF AGENTS

PROJECT: 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	

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 (rccs-24-39-39-123.nys.biz.rr.com [24.39.39.123]) by barracuda.portlandmaine.gov with ESMTPIID MWoRiScafdG68hZl; 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: Acm9J8hyshYoIZArTAGH29p0SZEIUwAABGIQAJCp+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: rccs-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

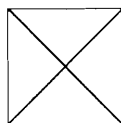
jeanie:

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

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

Respond



Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

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

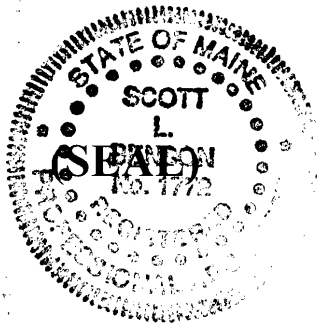
Date: APRIL 13, 2009

From: SNRT, 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: SNRT, 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



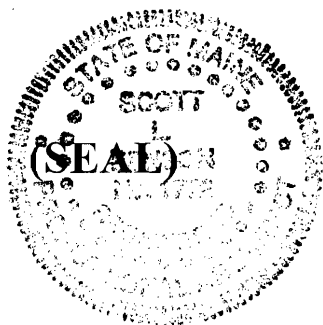
Accessibility Building Code Certificate

Designer: SMART, 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 I. R.

Title: ARCHITECT

Firm: SMART, 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

**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	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 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	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		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. 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	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
IBC Section 1704.3						
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

APR 17 2009

► Remarks:

cc: SLB, File 08139/22

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 jeanied: 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
(207)874-8715

APR 17 2009

>>> "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.smrtinc.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.

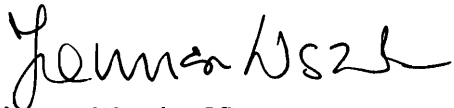
For the seismic design, we prefer to use the IBC 2006 since it is based on the most current state of the seismic design knowledge and recommendations and hence, in our opinion, is a more valid design basis for the 2009 project.

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".

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



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 VERANDIAH STREET

2006 - IBC
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</u>	<u>100 PSF</u>
<u>STAIRS, CORRIDORS</u>	<u>100 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, 1609.6)

PROC. 1609.1.1 Basic wind speed (1809.3)

100 mph Basic wind speed (1809.3)

D, I = 1.0 Building category and wind importance Factor, K_1 table 1604.5, 1609.5)

C Wind exposure category (1609.4)

+0.18 / +0.55 Internal pressure coefficient (ASCE 7)

30(G_{cf} + G_{ci}) 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 9-05) Design option utilized (1614.1)

II Seismic use group ("Category")

0.255, 0.088 Spectral response coefficients, S_ds & S_{d1} (1615.1) #

C Site class (1615.1.5)

BASED ON S_ds FROM IBC 2006 / ASCE 4-05

1607.9 Live load reduction
60 psf - ep, conc. pads Roof live loads (1603.1.2, 1607.11)

35 PSF Roof snow loads (1603.7.3, 1608)

42 PSF - CANOPY!
50 PSF Ground snow load, P_g (1608.2)

35 psf If P_g > 10 psf, flat-roof snow load P_f

1.0 If P_g > 10 psf, snow exposure factor, C_e

1.0 If P_g > 10 psf, snow load importance factor, I_s

1.0 Roof thermal factor, C_t (1608.4)

(1.2 - CANOPY)
35 PSF Sloped roof snowload, P_s (1608.4)

B Seismic design category (1616.3)

SHEAR WALL Basic seismic force resisting system (1617.6.2)

3.5 Response modification coefficient, R_m 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 > 80 PSF (N/A) Partition loads (1607.5)

clearance impact vehicle barrier Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

STATEMENT OF SPECIAL INSPECTIONS

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

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

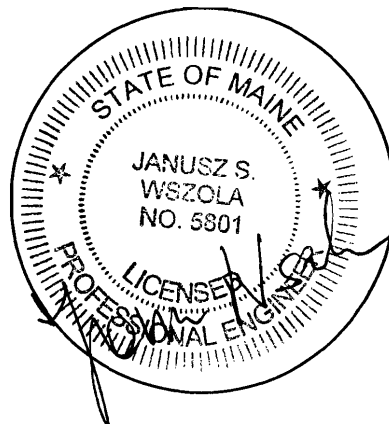
(Name)

Janusz Wszola

(Signature)

(Date)

4/17/09



*Structural Engineer of Record's
P.E. Seal*

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 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 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	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		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. 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				

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 IBC Section 1704.4	Y/N	EXTENT: CONTINUOUS, PERIODIC, OR SUBMITTAL	COMMENTS	REFERENCE FOR CRITERIA	AGENT	TASK COMPLETED
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, 1.1.3, 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, 1.1.3, 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		