



ARCHITECTURE  
ENGINEERING  
PLANNING

# Memo

**Date:** 31 October 2003  
**To:** Mike Nugent  
**From:** Judy L. Johnson, AIA  
**Job #:** 03087  
**Job Name:** 280 Fore Street  
**Re:** Foundation Permit

**Floor Live Load Per Sq. Ft.**

First Floor Offices, Lobbies and Stairs: 100 psf  
 Other Offices: 80 psf  
 Garages: 50 psf  
 Mechanical Room and Storage: 125 psf

**Occupant Loading**

*Northeast*

*Mid-Atlantic*

*Southeast*

Room NO. / Name	Classification	Area	SF / person	Total Occupancy
108 Retail Bank	Business	2,386 sf	100	24
203 Office	Business	13,500 sf	100	135
303 Office	Business	16,000 sf	100	160
403 Office	Business	16,000 sf	100	160
503 Office	Business	16,000 sf	100	160

**Status of State Fire Marshal's Review**

I have met with Steve Dodge on several occasions to review the project. To my knowledge I have addressed all of his comments and concerns in the design. I will submit plans to the Steve Dodge for the construction Permit on November 26, 2003.

cc:

144 Fore Street  
 PO Box 618  
 Portland, Maine 04104  
 ☎ 207 772-3846  
 📠 207 772-1070  
 www.smrtinc.com



**CITY OF PORTLAND  
BUILDING CODE CERTIFICATE  
389 Congress St., Rm 315  
Portland, ME 04101**

**TO:** Inspector of Buildings City of Portland, Maine  
Department of Planning & Urban Development  
Division of Housing & Community Service

**FROM:** SMRT, Inc. - Judy L. Johnson, AIA

**RE:** Certificate of Design

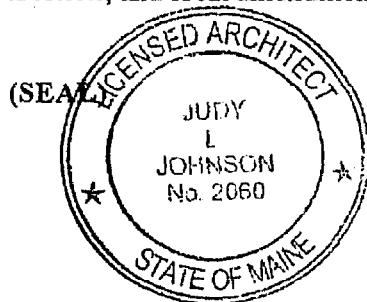
**DATE:** 31 Oct 2003

These plans and/or specifications covering construction work on:

280 FORE STREET

---

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the **BOCA National Building Code/1999 Fourteenth Edition**, and local amendments.



Signature Judy L. Johnson

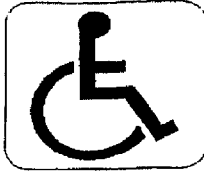
Title Project Architect

Firm SMRT, Inc

Address 144 Fore Street

**As per Maine State Law:**

\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.



# City of Portland, Maine

389 Congress St., Rm 315  
Portland, ME 04101

## ACCESSIBILITY CERTIFICATE

TO: Inspector of Buildings City of Portland, Maine  
 Department of Planning & Urban Development  
 Division of Housing & Community Services

FROM: SMRT, Inc. - Judy L. Johnson, AIA

RE: Certificate of Design, HANDICAP ACCESSIBILITY

DATE: 31 OCT 2003

These plans and/or specifications covering construction work on:

280 FORE STREET

---



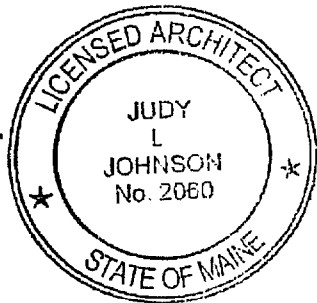
---



---

Have been designed and drawn up by the undersigned, a Maine registered engineer/architect according to State Regulations as adopted by the State of Maine on Handicapped Accessibility.

(SEAL)



Signature Judy L. Johnson

Title Project Architect

Firm SMRT, Inc

Address 144 Fore Street

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

PROJECT: Fore Street Office Building

LOCATION: Portland, Maine

STRUCTURAL

ENGINEER OF RECORD: Scott S. Kibler, P.E. SMRT, Inc.  
 Name Firm  
144 Fore Street, Portland, ME 04104  
 Address

ARCHITECT  
 OF RECORD:

Judy L Johnson, A.I.A SMRT, Inc.  
 Name Firm  
144 Fore Street, Portland, ME 04104  
 Address

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

	Type	Name	Firm
1.	Special Inspector	Scott S. Kibler, P.E.	SMRT, Inc.
2.	Agent	Jeff Giggey	SMRT, Inc.
3.	Agent	Andrew Bradley, P.E.	SMRT, Inc.
4.	Agent (Soils, Concrete Testing)		S.W. Cole Engineering
5.	Agent (Steel Testing)		Elite Inspection Services, Inc.
6.			
7.			
8.			
9.			
10.			

## SCHEDULE OF SPECIAL INSPECTIONS

Fore Street Office Building

Project Number: 03087

Page 1 of 4

MATERIAL/ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT				
			EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV #
<b>STRUCTURAL STEEL - Fabrication</b>	1.1a	Review Fabricator QA/QC procedures manual.	One shop inspection required.				
	1.1b	Review Fabricator QA/QC procedures implementation and conformance.	One shop inspection required. Visual inspection of shop conformance.				
	1.1c	Review material certificates of compliance (bolts, nuts, washers, structural steel and weld filler material).	Verify that certificates of compliance have been approved.				
	1.1d	Review welder certification.	Obtain certification numbers for all welders and all steel.				
	1.1e	Review Shop Drawings.	Verify Approval.				
	1.1f	Review structural steel and fabrication for conformance to approved shop drawings.	Verify member sizes, piece marks and connection details match approved shop drawings. Visually inspect bolts and welds.				
<b>STRUCTURAL STEEL - Erection</b>	1.2a	Review welder certification.	Obtain certification numbers for all welders and all steel.				
	1.2b	Review materials certificates of compliance (bolts, nuts, washers, and weld filler material).	Verify that certificates of compliance have been approved.				
	1.2c	Review structural steel and erection for conformance to approved shop drawings.	Verify all member sizes, piece marks and connection details.				
	1.2d	Inspect field bolting installation in accordance with Section 9 of RCSC <i>Specification for Structural Joints Using ASTM A325 or A490 Bolts.</i>	Visually inspect all bolts.				
	1.2e	Review shear connections.	Visually inspect all.				

All Structural Inspections have been completed in accordance with applicable BOCA requirements.

Special Inspector \_\_\_\_\_ Date \_\_\_\_\_

## SCHEDULE OF SPECIAL INSPECTIONS

Fore Street Office Building

Project Number: 03087

Page 2 of 4

MATERIAL/ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT				
			EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV #
STRUCTURAL STEEL – Erection (continued)	1.2f	Review Bracing connections.	Visually inspect all.				
	1.2h	Review Column splices.	Visually inspect all.				
	1.2i	Review base metal testing for >1.5".	Ultrasonic testing of all welds per AWS D1.1.				
STEEL JOIST – Fabrication  NOTE: SER may wave Fabricator shop inspection if Fabricator is currently a member of the Steel Joist Institute.	1.2g	Review welding of seismic-resisting systems in Category C buildings.	Magnetic particle test 10% of all welds.				
	1.3a	Review Fabricator QA/QC procedures manual.	One shop inspection required.				
	1.3b	Review Fabricator QA/QC procedures implementation and conformance.	One shop inspection required. Visual inspection of shop conformance.				
	1.3c	Review material certificates of compliance (bolts, nuts, washers, structural steel and weld filler material).	Obtain copies of mill certificates for all structural steel, bolts and weld material.				
	1.3d	Review welder certification.	Obtain certification numbers for all welders and all steel.				
	1.3e	Review connections. Visually inspect bolts and welds.	Verify member sizes, piece marks and connection details match approved shop drawings.				
STEEL JOIST– Erection	1.4a	Review welder certification.	Obtain certification numbers for all welders and all steel.				
	1.4b	Review materials certificates of compliance (bolts, nuts, washers, and weld filler material).	Obtain copies of mill certificates for all structural steel, bolts and weld materials.				
	1.4c	Review steel joist and erection for conformance to approved shop drawings.	Verify all member sizes, piece marks and connection details.				
	1.4d	Review joist bearing connection, bearing length, and bridging.	Visually inspect all.				
	1.4e	Verify installation of joist reinforcement.	Where concentrated loads are installed over joist chords, verify installation of reinforcement.				

All Structural Inspections have been completed in accordance with applicable BOCA requirements.

Special Inspector \_\_\_\_\_ Date \_\_\_\_\_

## SCHEDULE OF SPECIAL INSPECTIONS

Fore Street Office Building

Project Number: 03087

Page 3 of 4

MATERIAL/ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT			
			EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED
<b>SECONDARY / MISC STRUCTURAL STEEL</b>	1.5a	Review stair connections.	Visually inspect all.			
	1.5b	Review girt connections.	Visually inspect all.			
	1.5c	Review steel deck shop drawings.	Verify approval			
	1.5d	Review welder certification.	Obtain certification numbers for all welders.			
	1.5e	Verify number, type and location of steel deck connection to framing and side lap fasteners.	Visually inspect all.			
	1.5f	Review lintel connections/installation.	Visually inspect all. Verify member size and bearing length.			
	1.5h	Review details of steel frames.	Visually inspect all.			
<b>SECTION 2 CONCRETE CONSTRUCTION (BOCA 1705.3)</b>						
<b>CONCRETE MATERIALS</b>	2.1a	Review mix design.	Verify approval of all mixes intended for use.			
	2.1b	Review reinforcement grade.	Inspect identifying marks on reinforcing steel.			
	2.1c	Review submittals.	Verify acceptance of propriety products and reinforcing steel shop drawings. Review requirements of reinforcing steel on placement drawings.			
<b>REINFORCING AND PRESTRESSING STEEL</b>	2.2a	Inspect condition and placement of reinforcing steel.	All reinforcing steel at walls, spread footings, columns and beams and column piers. Check prior to each concrete placement.			
<b>FORMWORK</b>	2.3a	Verify acceptability of substrate.	Prior to each concrete placement.			
	2.3b	Verify dimensions and materials acceptability.	Prior to each concrete placement.			
<b>EMBEDMENTS</b>	2.4a	Inspect installation of anchor bolts, masonry dowels and other embedded items.	Inspect for each concrete placement.			
<b>CONCRETE OPERATIONS</b>	2.5a	Field-testing of concrete slump, temperature, and air content.	All concrete placements.			

All Structural Inspections have been completed in accordance with applicable BOCA requirements.

Special Inspector \_\_\_\_\_ Date \_\_\_\_\_

## SCHEDULE OF SPECIAL INSPECTIONS

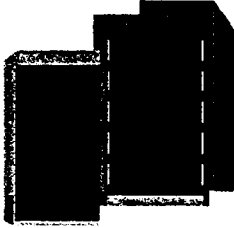
Fore Street Office Building

Project Number: 03087

Page 4 of 4

MATERIAL/ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT				
			EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV #
<b>ELEVATED CONCRETE</b>	2.5b	Take concrete cylinder samples and perform compressive strength test.	All concrete placements.				
	2.5c	Observe concrete placement.	Inspect placement procedures at all concrete placements.				
	2.5d	Observe concrete curing technique and temperature.	Once daily when air temperature is above 32°F. Twice daily when temperature is below 32°F.				
	2.9a	Inspect placement of elevated concrete for compliance with contract documents.	Visually inspect all placement and curing.				
<b>SECTION 3 – PILE FOUNDATIONS (BOCA 1705.8)</b>							
<b>MATERIALS</b>	3.1a	Review certificates of compliance for piles.	Verify size and grade.				
	3.1b	Review submittals for all proprietary products.	Verify approval.				
	3.1c	Review welder certification.	Obtain certificate numbers for all welders.				
<b>INSTALLATION</b>	3.2a	Inspect pile load tests.	Monitor testing in accordance with approved procedures.				
	3.2b	Inspect pile driving.	100% of piles. Maintain records in accordance with project specification.				
	3.2c	Inspect welding.	Visually inspect all welds. Perform ultrasonic testing on 5% of penetration welds.				
<b>SECTION 4 – Sprayed Fireresistive materials (BOCA 1705.12)</b>							
<b>STRUCTURE ELEMENT SURFACE CONDITION</b>	4.1a	Verify surface conditions of all structural elements to be sprayed.	Prior to application of fireproofing.				
	4.1b	Verify ambient temperature of fireresistive materials before and after application.					
<b>INSTALLATION</b>	4.2a	Verify average thickness of cured fireresistive material to structural framing members.	Verify in accordance with BOCA Section 1705.12.3.2				
	4.2b	Verify density of fireresistive material.	Verify in accordance with BOCA Section 1705.12.4				
	4.2c	Verify bond strength of fire resistive material.	Verify in accordance with BOCA Section 1705.12.5.2				





**CITY OF PORTLAND  
BUILDING CODE CERTIFICATE  
389 Congress St., Rm 315  
Portland, ME 04101**

**TO:** Inspector of Buildings City of Portland, Maine  
Department of Planning & Urban Development  
Division of Housing & Community Service

**FROM:** SMRT, Inc. · Judy L. Johnson, AIA

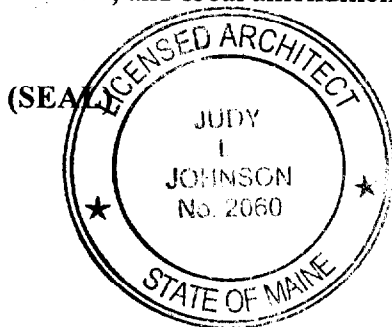
**RE:** Certificate of Design

**DATE:** 31 Oct 2003

These plans and/or specifications covering construction work on:

280 FORE STREET

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the **BOCA National Building Code/1999 Fourteenth Edition**, and local amendments.



Signature Judy L. Johnson

Title Project Architect

Firm SMRT, Inc

Address 144 Fore Street

**As per Maine State Law:**

\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.



# City of Portland, Maine

389 Congress St., Rm 315  
Portland, ME 04101

## ACCESSIBILITY CERTIFICATE

TO: Inspector of Buildings City of Portland, Maine  
Department of Planning & Urban Development  
Division of Housing & Community Services

FROM: SMRT, Inc. - Judy L. Johnson, AIA

RE: Certificate of Design, HANDICAP ACCESSIBILITY

DATE: 31 OCT 2003

These plans and/or specifications covering construction work on:

280 FORE STREET

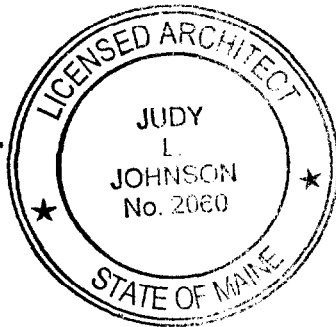
---

---

---

Have been designed and drawn up by the undersigned, a Maine registered engineer/architect according to State Regulations as adopted by the State of Maine on Handicapped Accessibility.

(SEAL)



Signature Judy L. Johnson.

Title Project Architect

Firm SMRT, Inc

Address 144 Fore Street

**From:** <JJohnson@SMRTinc.com>  
**To:** Portland.CityHall(MJN)  
**Date:** Mon, Feb 9, 2004 4:52 PM  
**Subject:** RE: 280 Fore Street - response to questions by Mike Nugent

Mike attached is the revised certification reflecting 2B Construction Type  
<<SDOC1329.pdf>>

Again, let me know if you have more questions.

Judy L. Johnson, AIA  
Architect

SMRT, Inc.  
144 Fore Street  
Portland, Maine 04101  
207 772-3846 phone  
207 772-1070 fax  
www.smrinc.com <<http://www.smrinc.com>>

> -----Original Message-----

> From: Judy Johnson  
> Sent: Monday, February 09, 2004 4:19 PM  
> To: Mike Nugent (E-mail)  
> Cc: Paul Stevens; Frank Verhoorn; Marc Gagnon (E-mail)  
> Subject: 280 Fore Street - response to questions by Mike Nugent

>

> Mike below are answers to your questions. My response are in red.

>

> I'm going to try to get these questions to you as quickly as they come up:

>

> 1) In looking at the details in AE 500 series of plans there is a fair  
> amount of combustible blocking etc. i.e. 2X members and FR plywood. In  
> looking at Table 602 and Section 602, it appears to be problematic for our  
> upgraded 2B construction, Can you comment?

>

> See attached interpretation from BOCA regarding this issue. The  
> combustible materials are allowed in Construction Types 1 and 2. FYI - we  
> used this same thing at the Hilton which is Type 2A  
> << File: SDOC1319.pdf >>

>

> 2) Mechanical ventilation for this project will have to comply with the  
> 1993 BOCA Mechanical Code (yes 1993), are these specs available.  
> The Parking areas specifically will be of interest.

>

> Marc - you will need to have Thayer provide this information.

>

> 3) Are we using Section 313.1.1 or 313.1.2 for our mixed use situation?

>

> Section 313.1.2 (with exception as the building is sprinkled)

>

> 4) along the south wall, I don't think the plans do not show a parapet  
> wall I assume we are using exception 1 in section 705.6. Can you advise?  
> Yes you are correct Section 705.6 (exception number 1) applies.

>

> 5) Also need new certification that reflect the change from 3A to 2 B  
> construction and an analysis of any fireresistive construction changes  
> that result from that change.  
>  
> I will forward the revised certification to you shortly. When I was  
> reviewing the fire resistive materials I did not find any differences in  
> the 2B or 3A construction types that would apply to this building.  
>  
> Please let me know if you have any other questions.  
>  
> Thanks  
>  
> Judy L. Johnson, AIA  
> Architect  
>  
> SMRT, Inc.  
> 144 Fore Street  
> Portland, Maine 04101  
> 207 772-3846 phone  
> 207 772-1070 fax  
> www.smtinc.com <<http://www.smtinc.com>>  
>  
>

**CC:** Portland.gwgwia("mgagnon@ledgewoodinc.com","FVERHO...

**From:** <JJohnson@SMRTinc.com>  
**To:** Portland.CityHall(MJN)  
**Date:** Mon, Feb 9, 2004 4:22 PM  
**Subject:** 280 Fore Street - response to questions by Mike Nugent

Mike below are answers to your questions. My response are in red.

I'm going to try to get these questions to you as quickly as they come up:

1) In looking at the details in AE 500 series of plans there is a fair amount of combustible blocking etc. i.e. 2X members and FR plywood. In looking at Table 602 and Section 602, it appears to be problematic for our upgraded 2B construction, Can you comment?

See attached interpretation from BOCA regarding this issue. The combustible materials are allowed in Construction Types 1 and 2. FYI - we used this same thing at the Hilton which is Type 2A  
<<SDOC1319.pdf>>

2) Mechanical ventilation for this project will have to comply with the 1993 BOCA Mechanical Code (yes 1993), are these specs available. The Parking areas specifically will be of interest.

Marc - you will need to have Thayer provide this information.

3) Are we using Section 313.1.1 or 313.1.2 for our mixed use situation?

Section 313.1.2 (with exception as the building is sprinkled)

4) along the south wall, I don't think the plans do not show a parapet wall I assume we are using exception 1 in section 705.6. Can you advise? Yes you are correct Section 705.6 (exception number 1) applies.

5) Also need new certification that reflect the change from 3A to 2 B construction and an analysis of any fireresistive construction changes that result from that change.

I will forward the revised certification to you shortly. When I was reviewing the fire resistive materials I did not find any differences in the 2B or 3A construction types that would apply to this building.

Please let me know if you have any other questions.

Thanks

Judy L. Johnson, AIA  
Architect

SMRT, Inc.  
144 Fore Street  
Portland, Maine 04101  
207 772-3846 phone  
207 772-1070 fax  
www.smrtinc.com <<http://www.smrtinc.com>>

602.4.1 Partitions and walls... are permitted in the following conditions... (a) in buildings of Type 1 or 2 construction... (b) in buildings of Type 3 construction... (c) in buildings of Type 4 construction... (d) in buildings of Type 5 construction...

604.1 General Buildings and structures... are those in which the walls, partitions, floors, ceilings, roofs, and exits are composed of noncombustible materials... (a) in buildings of Type 1 or 2 construction... (b) in buildings of Type 3 construction... (c) in buildings of Type 4 construction... (d) in buildings of Type 5 construction...

**Code Interpretation No. 8/216/79**  
**First Issued: 9/12/78, 1978 Edition**

**Q:** Can untreated wood studs be substituted for metal studs in a nonloadbearing interior partition of a Type 1 or 2 building?

**A:** No. Section 603.1 states that in buildings of Type 1 or 2 construction, the walls, partitions, structure elements, floors, ceilings, roofs, and exits are to be composed of noncombustible materials. Exceptions are indicated by Note d in Table 602, wherein only fire-retardant-treated wood complying with Sections 603.2 and 2310.0 can be used.

**Code Interpretation No. 5/900/90**  
**(See Section 701.3)**

604.1 General Buildings and structures... are those in which the walls, partitions, floors, ceilings, roofs, and exits are composed of noncombustible materials... (a) in buildings of Type 1 or 2 construction... (b) in buildings of Type 3 construction... (c) in buildings of Type 4 construction... (d) in buildings of Type 5 construction...

**Code Interpretation No. 24/217/80**  
**First Issued: 6/13/80, 1978 Edition**

**Q:** Can a wood frame loadbearing wall be constructed at the inside surface of a complying noncombustible exterior wall in Type 3 construction?

**A:** Yes. Both Section 604.1 and Table 602 permit interior loadbearing walls in Type 3 construction to be composed of combustible construction. Because the noncombustible exterior wall must develop its weather resistance, structural integrity and fire-resistance rating without relying on the wood frame wall, the code does not regulate the location of the wood frame loadbearing wall within the structure.

**Code Interpretation No. 30/402/82**  
**First Issued: 5/27/82, 1981 Edition**

**Q:** Are doors and windows which are constructed of combustible materials permitted in noncombustible types of construction?

**A:** Yes. Doors and windows are not among the elements required to be composed of noncombustible materials in Types 1, 2, 3 and 4 construction, as described in Sections 603.1, 604.1 and 605.1. When a door or window is not required to be a protected opening, the code does not contain any requirements regulating the use of combustible vs. noncombustible materials (see Section 706.4).

**Code Interpretation No. 30/401/84**  
**First Issued: 8/21/84, 1984 Edition**

**Q:** Are untreated wood blocking or nailers used to support fixtures, railings, cabinets, interior and exterior finishes, etc. permitted within walls and partitions required to be of noncombustible construction?

**A:** Yes. Item No. 8 of Section 602.4.1 permits combustible nailers and blocking as stipulated in Section 804.0. Section 804.2.1 indicates that "furring of wood or any other material of similar combustible characteristics is permitted" to be used in concrete or masonry construction for securing trim and finish. Although locating these combustible elements within noncombustible frame partitions is not specifically identified in this section, the presence of combustible nailers within noncombustible construction types, other than concrete and masonry, represents an equivalent circumstance. Therefore, it is the intent of the code to permit the use of combustible nailers and blocking within Types 1 and 2 construction.

*Brad Flowers*

Bill Bisson

fax # (207) 772-1070



*State of Maine*  
 Department of Public Safety  
 Construction Permit



Reviewed  
 for Barrier  
 Free

# 13773

Sprinkled  
 Sprinkler Supervised

**280 FORE STREET**  
 Located at: 280 FORE STREET  
**PORTLAND**  
 Occupancy/Use: BUSINESS/PARKING GARAGE

RECEIVED  
 JAN 27 2004  
 SMRT, INC.

Permission is hereby given to:  
 OLYMPIA EQUITY INVESTORS

50 MONUMENT SQUARE  
 PORTLAND, ME 04101

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 01 th of July 2004*

Dated the 01 th day of January A D 2004

*Michael P. Carreira*

Commissioner

**Copy-2 Architect**

Comments:

JUDY L. JOHNSON

144 FORE STREET  
 PORTLAND, ME 04101

**From:** <JJohnson@SMRTinc.com>  
**To:** Portland.CityHall(MJN)  
**Date:** Tue, Feb 10, 2004 8:46 PM  
**Subject:** fore street

Hello Mike - I am off but before I go here are responses to the last few questions. Thanks for all your help on this project and hopefully the rest of your review will be easy.  
Have a great week!

Judy,

Thanks for the information, I'm at a point where my review of you submission is going along well! I'm comfortable that our process should conclude favorable in a timely manner. so you can have a great vacation. Here are a couple of questions I'm up to chapter9 of the Code, and should complete my review tomorrow, I found your CD taped in the spec book!

Obviously we'll need tenant fitup plans for each floor when the time comes.

Section 3-6 H of 9620 in the spec book has a comment about shaft enclosure that terminate 2 inches from beams etc. Can we discuss how this section might compromise the rating of this assembly?

The reference is made to explain what happens when the shaftwall cannot be placed within 2" of the structure. The intent is to maintain the rating and this section explains how to accomplish that.

I looked in the spec book and could find any reference to compliance with table 803.4. for interior finishes.

Interior finishes are specified by product. However, since it is tenant space the only finishes that we have are in the lobby. The wood paneling is fire treated and the flooring is granite. Gyp Board most every where else. The carpet, tile and other finishes are by allowance. It is the intent that all finishes would conform to table 804.3.

Also looking for a penetration plan for the floor systems, the spec book may address this as it does in the Gypsum section, haven't found it yet.

The penetration plan has not yet been developed, but we do cover floor penetration requirements in Section 08741 - Through - Penetration Firestop Systems.

Anyway rest and have fun all is great the plans reflect a lot of hard work on your part, who will be my point person while you're out?

For the remainder of this week, please contact Paul Stevens. He is the Principal in Charge of the project and will be able to help with code questions. If not, he knows how to reach me.

Marc - the main contact for all issues is Frank Verhorn.

Judy L. Johnson, AIA



Architect

SMRT, Inc.  
144 Fore Street  
Portland, Maine 04101  
207 772-3846 phone  
207 772-1070 fax  
[www.smrtinc.com](http://www.smrtinc.com) <<http://www.smrtinc.com>>

**CC:** Portland.gwgwia("FVERHOORN@SMRTInc.com","PStevens@...

**From:** "Peter Benard" <pbenard@ledgewoodinc.com>  
**To:** <MJN@portlandmaine.gov>  
**Date:** Thu, Feb 12, 2004 12:25 PM  
**Subject:** 280 Fore Street

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

From: Tom Weiss [mailto:tomweiss@thayercorp.com]  
Sent: Thursday, February 12, 2004 10:35 AM  
To: Peter Benard  
Cc: Tom Weiss  
Subject: Fw: 03-1-601BA100STOPO3 Fan Performance Curve

Peter,  
Here is the fan data requested.

The fan is specified on sheet M11 and located on sheet M1 in Mechanical room #109 on the 1st floor garage level. This fan operates intermittently and can exhaust the entire volume of the garage in (5.3) minutes. The probable operating times of this fan is at morning car arrivals and evening car departures. Carbon monoxide (CO) monitors control the fans per sheet C1. The write up currently list CO2, which is actually a CO monitor.

Should the fan noise transfer to the space directly above, then acoustic dampening material can be added to the mechanical room ceiling.

Tom Weiss

Thank you for contacting Hartzell Fan with your requirement for technical information on one of our fans. I have included a copy of the performance curve of the 03-1-601BA100STOPO3 fan system we discussed.

Sincerely,  
HARTZELL FAN, INC.

Bill Howarth, Ext. 426  
Process Ventilation Equipment  
Product Manager

Hartzell Fan, Inc.  
P.O. Box 919  
910 S. Downing St.  
Piqua, Ohio 45356

Phone: (937) 773-7411  
Fax: (937) 773-8994

ole0.bmp

**From:** "Peter Benard" <pbenard@ledgewoodinc.com>  
**To:** <MJN@portlandmaine.gov>  
**Date:** Thu, Feb 12, 2004 12:24 PM  
**Subject:** 280 Fore Street

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

From: Tom Weiss [mailto:tomweiss@thayercorp.com]  
Sent: Thursday, February 12, 2004 10:44 AM  
To: Peter Benard  
Cc: Tom Weiss  
Subject: Section 1605.6 of the 1993 BOCA Mechanical Code

Peter,

We have specified the fan on sheet M11 for 41,600 CFM to suit the 1.5 CFM per square foot requirement of Section 1605.6 of the 1993 BOCA Mechanical Code.

Tom R. Weiss, P.E.  
Thayer Corporation  
(207)-782-4197