

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read
Application And
Notes, If Any,
Attached

BUILDING INSPECTION

PERMIT

Permit Number: 030785

This is to certify that Breakwater School/The Thaxton Companyhas permission to Build 50' x 70' multi-purpose building: (see plan only permit 03-0457)AT 856 Brighton Ave

CITY 259 D001001

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 leased or otherwise used-in. HOUR NOTIFICATION REQUIRED.

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

OTHER REQUIRED APPROVALS

Fire Dept. thaxton

Health Dept. _____

Appeal Board _____

Other _____

Department Name

Chad R. [Signature] 9/3/03
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: 03-0785	Issue Date:	CBL: 259 D001001
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Location of Construction: 856 Brighton Ave	Owner Name: Breakwater School	Owner Address: 856 Brighton Ave	Phone:
Business Name:	Contractor Name: The Thaxter Company	Contractor Address: 55 Bell Street Portland	Phone: 2078785553
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	Zone: B-1

Past Use: Breakwater School (private)	Proposed Use: Breakwater School w/50' x 70' multi-purpose building addition: See foundation only permit #03-0457	Permit Fee: \$4,503.00	Cost of Work: \$497,650.00	CEO District: 3	Zone: B-1
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Proposed Project Description: Build 50' x 70' multi-purpose building: (foundation only permit #03-0457)	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: Use Group: A3 Type: 5B Signature: <i>[Signature]</i> Date: 9/3/03 PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____
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Permit Taken By: kwd	Date Applied For: 07/07/2003	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 type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: 7/7/03	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input 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:
--	---	---

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
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2X Foundation Permit Previously issued 6/27/2003
03-0785

All Purpose 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: <u>856 BRIGHTON AVENUE</u>		
Total Square Footage of Proposed Structure <u>4639 sq' Foundation + 4639 sq' 1st Floor</u>		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# <u>259 D00</u> Block# <u>12</u> Lot# <u>12</u>	Owner: <u>BRECKWATER SCHOOL</u>	Telephone: <u>772-8689</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>THE THAXTER COMPANY</u> <u>55 BELL ST, PORT. ME 04103</u>	Cost Of Work: \$ <u>497,650 -</u> Fee: \$ <u>4,503.00</u>
Current use: <u>PRIVATE ELEMENTARY SCHOOL</u>		
If the location is currently vacant, what was prior use: _____		
Approximately how long has it been vacant: _____		
Proposed use: <u>MULTI-PURPOSE BUILDING (Same)</u>		
Project description: <u>Amendment to permit # 030457</u>		
Contractor's name, address & telephone: <u>THE THAXTER COMPANY</u>		
Who should we contact when the permit is ready: <u>NICK NASH, Project Manager</u>		
Mailing address: <u>55 BELL ST.</u> <u>PORTLAND ME 04103</u> <u>878-5553 EXT. 104</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. and a \$100.00 fee if any work starts before the permit is picked up.		

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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 of applicant: <u>NICK NASH</u>	Date: <u>7/7/03</u>
--	---------------------

This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall



Scott Simons Architects

15 Franklin St.
Portland, ME 04101

MEMORANDUM

Faxed to 874-8716
Hard copy to follow

(207) 772-4656
(207) 828-4656 FAX
E MAIL: austin@simonsarchitects.com

Date: September 3, 2003
Project name/number: Breakwater Multi-Purpose Building
856 Brighton Avenue
BWS #00129.04
Re: Code questions of 08.28.03
From: Austin Smith
To: Mike Nugent
Cc: Dan Crewe BWS
Nick Nash Thaxter Company
Jobfile

re: Code questions of 08.28.03

- 1) The guards around the "vault" stairs show an opening of 4" above and below the perforated metal panels, must be "less than 4".

See Item #1 enclosed [SK-7]

- 2) Need HVAC analysis based on Section M16004.3 of the 1993 BOCA Mech. Code.

See Item #2 enclosed Email from Bennett Engineering

- 3) Loading information for the stair and floor systems

See Item #3A from Structural Design Consultants

- 4) Roof load info for the sloped area also drift loads and unbalanced snow loads.

See Item #3B from Structural Design Consultants

- 5) Additional HVAC load certification from the structural engineer.

See Items #3A & 3C [SSK-5] from Structural Design Consultants

00129.05memo/09.03.03

Printed By: Austin Smith

Page: 1

9/3/03 12:39 PM

From: Scott (8/28/03)
To: MTN
CC: Will, Stephen, austin
Breakwater MultiPurpose
Multi-Purpose Room = 3258sf
BOCA M-1604.3 = 20cfm per person
BOCA M-1604.3 = 30 people per 1000sf

Ventilation = 3258 x (30/1000) x 20 = 1955cfm required (97 people)

AHU-1 minimum outside air = 2725cfm (136 people)

Thanks,
Scott M. Rheault
Mechanical Designer
Bennett Engineering, Inc.
Phone: (207)865-9475
Fax: (207)865-1800
scott@bennettengineering.net

RFC822 header

Received: from BENNETTENGINEERING.NET by [193.0.0.1]
with SMTP (QuickMail Pro Server for Mac 2.0.1); 28-Aug-2003 15:02:42 -0400
content-class: urn:content-classes:message
Subject: Breakwater MultiPurpose
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Date: Thu, 28 Aug 2003 15:02:42 -0400
Disposition-Notification-To: "Scott" <scott@BennettEngineering.net>
Message-ID: <589B88E7250F51409049566F57BD90B51A99E1@2kserver.bennettengineering.com>
X-MimeOLE: Produced By Microsoft Exchange V6.0.6375.0
X-MS-Has-Attach:
X-MS-TNEF-Correlator:
Thread-Topic: Breakwater MultiPurpose
Thread-Index: AcNtlwZ261+v0L0hRPaiC13Xh5eiMg==
From: "Scott" <scott@BennettEngineering.net>
To: <MTN@ci.portland.me.us>
Cc: "Will" <Will@BennettEngineering.net>,
"Stephen" <sdoel@BennettEngineering.net>,
<austin@simonsarchitects.com>

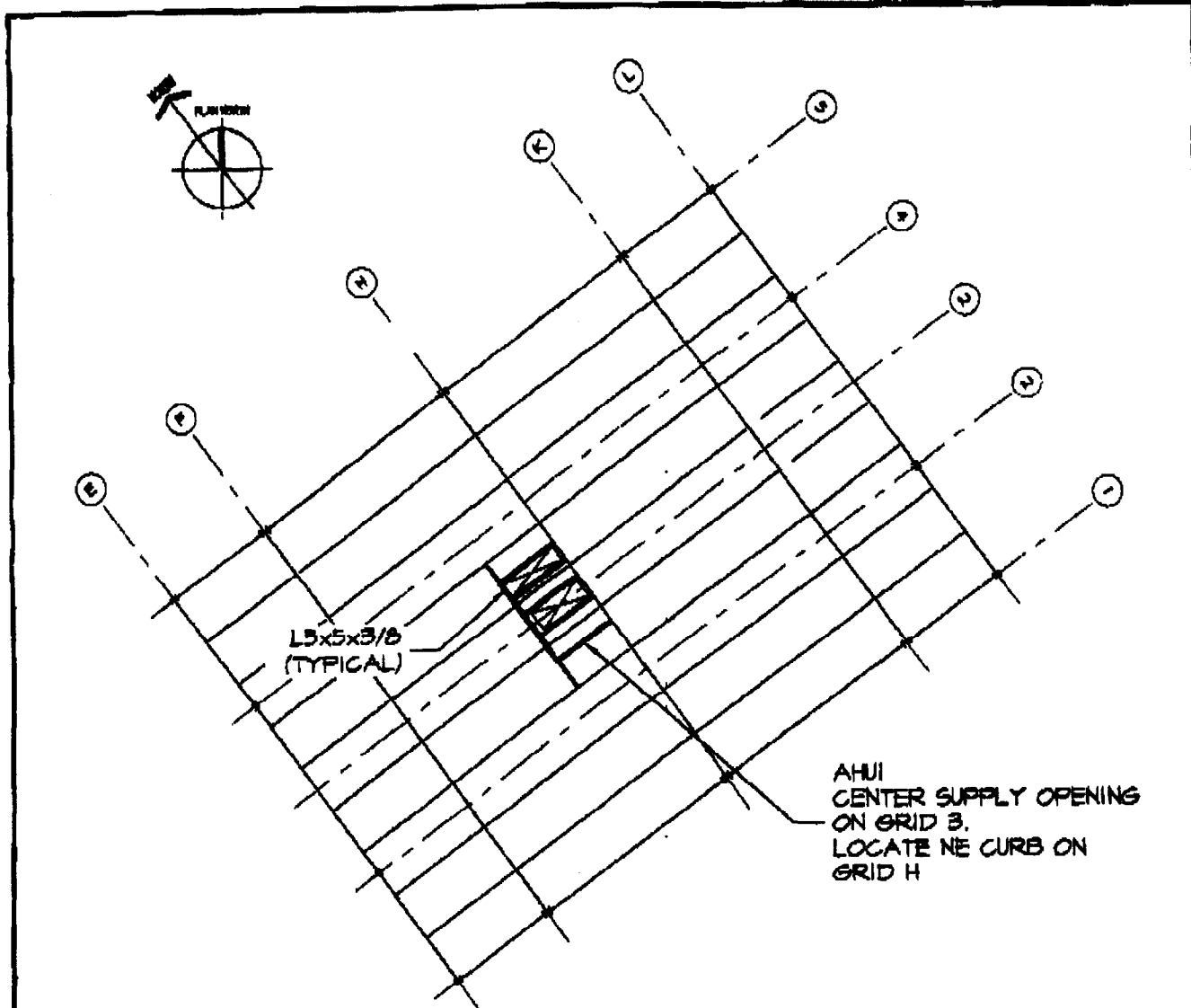
Sep 03 03 12:26p

S.D.C. Inc.

207-878-8293

p. 3

ITEM #3C

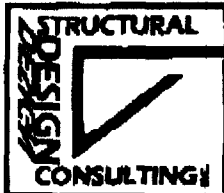
UPPER ROOF PLAN

1/16"=1'-0"

THIS PLAN DESIGNATES THE LOCATION OF AHUI ONLY.

SEE SS FOR ALL OTHER ROOF FRAMING INFORMATION.

INSTALL ADDITIONAL JOIST WEB MEMBER IF SW CURB
IS MORE THAN 6" FROM A TOP PANEL POINT.

date	revision number	MULTI PURPOSE ADDITION PHASE THREE BREAKWATER SCHOOL		SSK5
09/03/08				

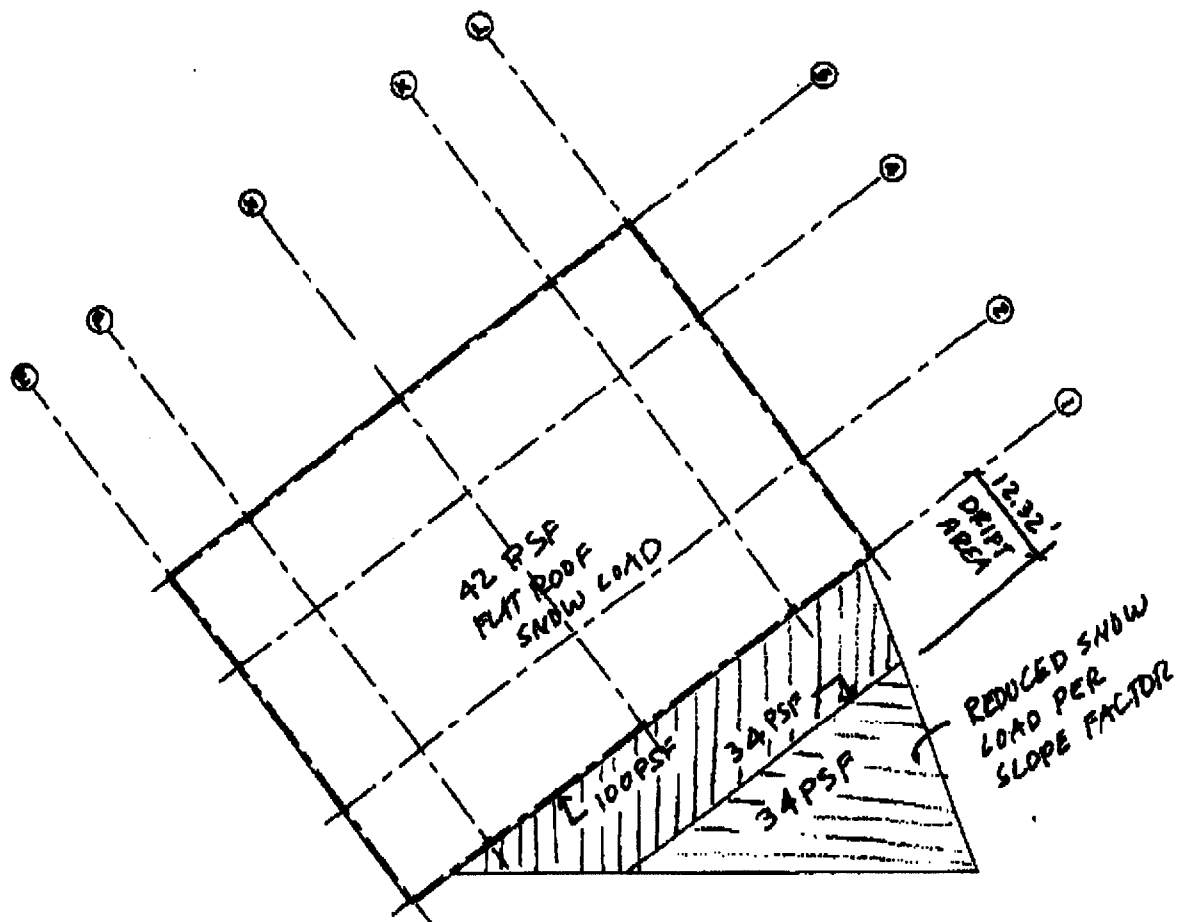
Sep 03 03 12:26p

S.D.C. Inc.

207-878-8293

p.2

ITEM #3B

DESIGN ROOF SNOW LOADS

NTS

MULTI-PURPOSE ADDITION
PHASE THREE
BREAKWATER SCHOOL

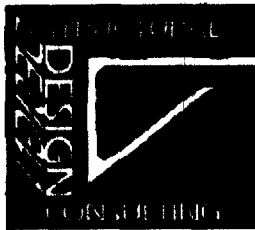
Sep 03 03 12:26p

S.D.C. Inc.

207-878-8293

p. 1

ITEM # 34



5 Balsam Lane
Falmouth, ME 04105-2448
Phone: (207) 878-8038
Fax: (207) 878-8293

MEMORANDUM

Date: September 3, 2003
Project: Breakwater School Multi-Purpose
To: Austin Smith, Scott Simons Architects
From: David Tetreault
Subject: Portland Building Department Questions

Austin,

Following are responses to questions raised by Mike Nugent of the Portland Building Department:

The entire first floor was designed to support a uniform live load of 100 PSF. Stairs will be designed for the same live loading.

The roof framing at the sloped roof was designed for drifting as shown on the attached sketch. Unbalanced snow loading is not required by BOCA/1999 for this roof configuration.

The roof framing was checked for the additional weight of mechanical unit AHU1 and found to be acceptable. The attached SSK5 shows the location of AHU1 that was used for the structural capacity review.

SIGNATURE: David Tetreault

copy to:

GALV. 1-1/4" STEEL
PIPE RAILTOP AT
42" ABOVE NOSING

GALV. 1-1/4" STEEL
PIPE VERT. SPACED
PER ELEVATIONS

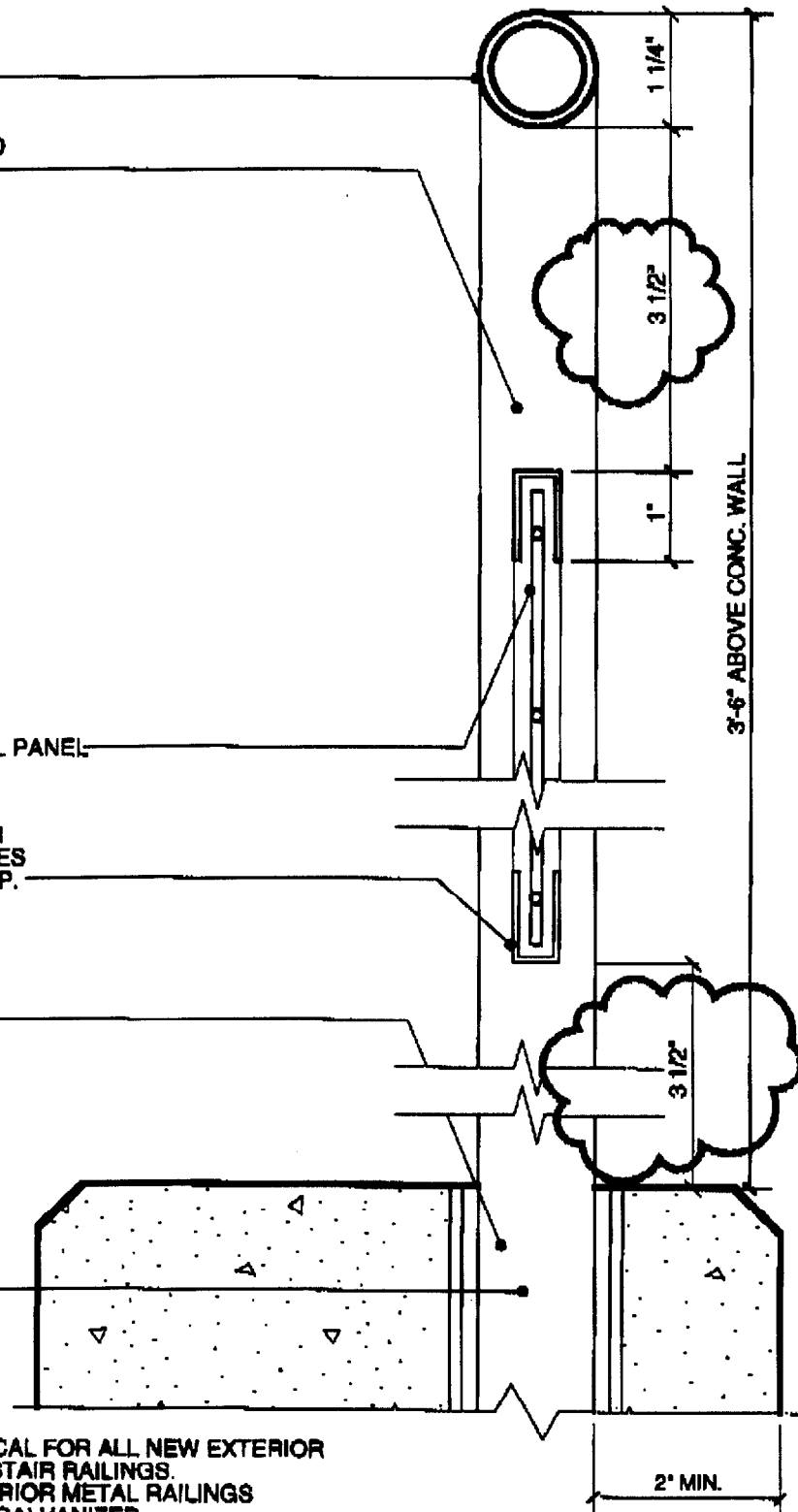
GALVANIZED
PERFORATED METAL PANEL

1/2" C-CHANNEL
TO RECEIVE MESH
AROUND PERIMETER
PROVIDE WEEP HOLES
AT BOTTOM RAIL, TYP.

STEEL SLEEVE
EMBEDDED 8" IN
CONCRETE TO
RECEIVE RAIL

FILL SLEEVES
WITH NON
EXPANSIVE GROUT

NOTE: DETAIL TYPICAL FOR ALL NEW EXTERIOR
GUARDRAILS AND STAIR RAILINGS.
FINISH OF ALL EXTERIOR METAL RAILINGS
TO BE HOT-DIPPED GALVANIZED



15 Franklin Street Art
Portland, Maine 04101
phone 207 772 4856
fax 207 828 4856

PROJECT:

BREAKWATER MULTI-PURPOSE ROOM
855 Brighton Avenue, Portland, Maine 04103

PROJ. NO. 00129.05

TITLE:

Revisions to Exterior Stair Railings

SCALE: 6" = 1'-0"

DATE: 09.03.03

2003 © Scott Simons Architects

SK-7

From: Mike Nugent
To: "austin@simonsarchitects.com"@Portland.gwgwia
Date: Wed, Aug 27, 2003 2:50 PM
Subject: Breakwater Final Questions

- 1) The guards around the "vault" stairs show an opening of 4" above and below the perforated metal panels, must be "less than 4".
- 2) Need HVAC analysis based on Section M16004.3 of the 1993 BOCA Mech. Code.
- 3) Loading information for the stair and floor systems
- 4) roof load info for the sloped area also drift loads and unbalanced snow loads.
- 5) Additional HVAC load certification from the structural engineer.

I think that's it!

CC: internet:nick@thaxtercompany.com

>>

>>If the school chooses not to install the elevator at this point that would >>be a local matter and the call of your office. Again, the school understands >>they can not occupy the basement without an operating elevator.

>>

>>Please call if you need an additional information. I will copy you on my >>correspondence to Steve.

>>

>>Thanks, Austin Smith Scott Simons Architects.

>>

>>

>>

>>

>>

>>RFC822 header

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>>

>> Received: from CI.PORTLAND.ME.US by [193.0.0.1]

>> with SMTP (QuickMail Pro Server for Mac 2.0.1); 21-Aug-2003 14:09:48 -0400

>> Received: from Portland-Message_Server by ci.portland.me.us

>> with Novell_GroupWise; Thu, 21 Aug 2003 14:09:41 -0400

>> Message-Id: <sf44d2a5.054@ci.portland.me.us>

>> X-Mailer: Novell GroupWise 5.2

>> Date: Thu, 21 Aug 2003 14:09:07 -0400

>> From: "Mike Nugent" <MJN@ci.portland.me.us>

>> To: austin@simonsarchitects.com >> Cc: scott@simonsarchitects.com, nick@thaxtercompany.com >>

Subject: Re: Breakwater Stairs

>> Mime-Version: 1.0

>> Content-Type: text/plain; charset=US-ASCII

>> Content-Transfer-Encoding: quoted-printable

>> Content-Disposition: inline

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>RFC822 header

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>

> Received: from CI.PORTLAND.ME.US by [193.0.0.1]

> with SMTP (QuickMail Pro Server for Mac 2.0.1); 25-Aug-2003 15:28:08 -0400

> Received: from Portland-Message_Server by ci.portland.me.us

> with Novell_GroupWise; Mon, 25 Aug 2003 15:27:49 -0400

> Message-Id: <sf4a2af5.022@ci.portland.me.us>

> X-Mailer: Novell GroupWise 5.2

> Date: Mon, 25 Aug 2003 15:27:33 -0400

> From: "Mike Nugent" <MJN@ci.portland.me.us>

> To: austin@simonsarchitects.com

> Subject: Re: Breakwater Stairs

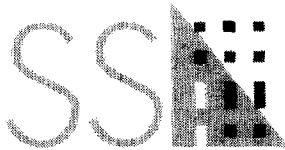
> Mime-Version: 1.0

> Content-Type: text/plain; charset=US-ASCII

> Content-Transfer-Encoding: quoted-printable

> Content-Disposition: inline

>



Scott Simons Architects

15 Franklin St.
Portland, ME 04101

MEMORANDUM

(207) 772-4656
(207) 828-4656 FAX
E MAIL: austin@simonsarchitects.com

Date: August 14, 2003
Project name/number: Breakwater Multi-Purpose Building
856 Brighton Avenue
BWS #00129.04
Re: **Code Classification**
From: Austin Smith
To: [REDACTED]
Cc: Nick Nash Thaxter Company
Jobfile

re: Breakwater Multi-Purpose Building, 856 Brighton Avenue

Concerning our telephone conversation yesterday regarding the code classification Of the new Multi-Purpose Building, we had originally used the BOCA classification 2A, Protected noncombustable. This was in consideration majority of the construction being steel framing with metal stud infill.

You pointed out that the building used other types of construction also, which was not reflected in the classification. You were correct in your observation that the first floor support spaces, toilets, storage and offices are of load bearing wood frame construction.

If the building is classified according to the lower of the two rating it should be listed as type 5, Combustible.

Given this change in classification our current design still complies with the revised building type requirements. In addition it will be fully sprinkled with a monitored fire alarm and detection system.

Thank you for your timely response. I hope this resolves all outstanding items and necessary permits can be issued.



Scott Simons Architects

**15 Franklin St.
Portland, ME 04101**

MEMORANDUM

**(207) 772-4656
(207) 828-4656 FAX
E MAIL: austin@simonsarchitects.com**

Date: August 19, 2003
Project name/number: Breakwater Multi-Purpose Building
856 Brighton Avenue
BWS #00129.04
Re: Code Classification
From: Austin Smith
To: Mike Nugent
Cc: Nick Nash Thaxter Company
Jobfile

**re: Breakwater Multi-Purpose Building, 856 Brighton Avenue
BOCA 1999 code conformance**

**Type of Construction classification of the new Multi-Purpose Building should be:
Combustible, Type 5B, Unprotected.**

Use Group is A-3 Assembly.

Building is equipped throughout with an automatic sprinkler system.

Under table 503 height is restricted to 1 story, 20 feet. Area is limited to 4,200 sf.

**Under note a. Section 504.2 allows for height modifications due to the use of
a sprinkler system of an additional story and 20 feet of height.**

**Under note a. Section 506.3 allowable area can be increased 200% for the use of a
sprinkler system. [4,200 sf x 200% = 12, 600 sf allowable]
Square footage of current building is 4,620 on ground floor and abasement
area of 4,620 sf.**

Enclosed: revised City of Portland code certification sheet.

00129.05memo/08.19.03

Post-It® Fax Note 7671

Date	8.19.03	# of pages	2
To	MIKE NUGENT		
From	AUSTIN SMITH		
Co./Dept.	CITY OF PORTLAND		
Co.	SSA		
Phone #			
Fax #	874-8716		

HARD COPY TO FOLLOW BY MAIL.



CITY OF PORTLAND MAINE

389 Congress St., Rm 315
 Portland, ME 04101
 Tel. - 207-874-8704
 Fax - 207-874-8716

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

FROM DESIGNER: SCOTT SIMON ARCHITECTS
15 FRANKLIN STREET ART
PORTLAND, MAINE 04101

DATE: (REVISED) AUGUST 19, 2003

Job Name: BREAK WATER MULTI-PURPOSE BUILDING

Address of Construction: B56 BRIGHTON AVENUE

THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

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

Building Code and Year BOCA 1999 Use Group Classification(s) A-3

Type of Construction 5B Bldg. Height 24'-0" Bldg. Sq. Footage 4,620 SF

Seismic Zone A_x = 0.11 Group Class I

Roof Snow Load Per Sq. Ft. 12 PSF Dead Load Per Sq. Ft. 20 PSF ROOF 65 PSF FLOOR

Basic Wind Speed (mph) 85 MPH Effective Velocity Pressure Per Sq. Ft. 18.5

Floor Live Load Per Sq. Ft. 100 PSF

Structure has full sprinkler system? Yes ✓ No Alarm System? Yes ✓ No
 Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the
 Portland Fire Department.

Is structure being considered unlimited area building: Yes No ✓

If mixed use, what subsection of 313 is being considered NA

List Occupant loading for each room or space, designed into this Project.

(Designer's Stamp & Signature)



PSH 6/07/2K



Scott Simons Architects

15 Franklin St.
Portland, ME 04101

MEMORANDUM

(207) 772-4656
(207) 828-4656 FAX
E MAIL: austin@simonsarchitects.com

Date: August 19, 2003
Project name/number: Breakwater Multi-Purpose Building
856 Brighton Avenue
BWS #00129.04
Re: Code Classification
From: Austin Smith
To: [REDACTED]
Cc: Nick Nash Thaxter Company
Jobfile

re: Breakwater Multi-Purpose Building, 856 Brighton Avenue
BOCA 1999 code conformance

Type of Construction classification of the new Multi-Purpose Building should be:
Combustible, Type 5B, Unprotected.

Use Group is **A-3 Assembly.**

Building is equipped throughout with an automatic sprinkler system.

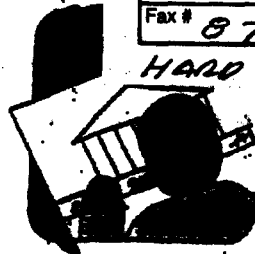
Under **table 503** height is restricted to 1 story, 20 feet. Area is limited to 4,200 sf.

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Under note a. Section **506.3** allowable area can be increased 200% for the use of a
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Square footage of current building is 4,620 on ground floor and abasement
area of 4,620 sf.

Enclosed: revised City of Portland code certification sheet.

Date	8.19.03	# of pages	2
To	MIKE NUGENT		
From	AUSTIN SMITH		
Co./Dept.	CITY OF PORTLAND		
Co.	SSA		
Phone #			
Fax #	874-8716		



HARD COPY TO FOLLOW BY MAIL.

CITY OF PORTLAND MAINE

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

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

FROM DESIGNER: SCOTT SIMON ARCHITECTS
15 FRANKLIN STREET ART
PORTLAND, MAINE 04101

DATE: (REVISED) AUGUST 19, 2003Job Name: BREAK WATER MULTI-PURPOSE BUILDINGAddress of Construction: 856 BRIGHTON AVENUE

THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

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

Building Code and Year BOCA 1999 Use Group Classification(s) A-3Type of Construction 5B Bldg. Height 24'-0" Bldg. Sq. Footage 4,620 SFSeismic Zone A_x = 0.11 Group Class IRoof Snow Load Per Sq. Ft. 42 PSF Dead Load Per Sq. Ft. 20 PSF ROOF 65 PSF FLOORBasic Wind Speed (mph) 85 MPH Effective Velocity Pressure Per Sq. Ft. 18.5Floor Live Load Per Sq. Ft. 100 PSF

Structure has full sprinkler system? Yes ✓ No Alarm System? Yes ✓ No
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the
Portland Fire Department.

Is structure being considered unlimited area building: Yes No ✓If mixed use, what subsection of 313 is being considered NA

List Occupant loading for each room or space, designed into this Project.

(Designers Stamp & Signature)





State of Maine
Department of Public Safety
Construction Permit



Reviewed
for Barrier
Free

13286

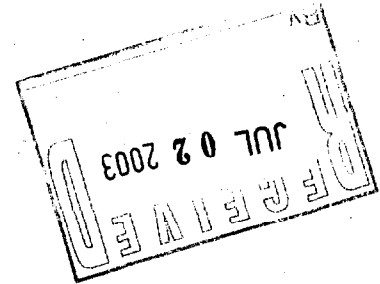
Sprinkled
Sprinkler Supervised

BREAKWATER SCHOOL-PHASE 3 MULTIPURPOSE ADDITION

Located at: 856 BRIDGTON AVE.

PORTLAND

Occupancy/Use: ASSEMBLY CLASS A



Permission is hereby given to:

BREAKWATER SCHOOL

**856 BRIDGTON AVE.
PORTLAND, ME 04101**

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

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

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

This permit will expire at midnight on the 01 th of Decemb 2003

Dated the 01 th day of June A.D. 2003

Michael P. Cantara

Commissioner

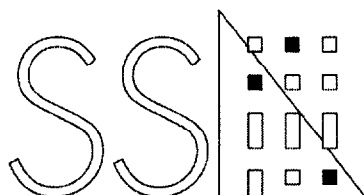
Copy-2 Architect

Comments:

SCOTT SIMONS ARCHITECTS

**15 FRANKLIN STREET ART
PORTLAND, ME 04101**

SSA Scott Simons Architects	
Job Name:	BREAKWATER MP
Job No:	00129.60
Date Rec'd:	06.30.03
File:	
Cc:	CORNY JONES@BSW DAN CRONE NICK NASH@THAYTON
Consultants:	
Other:	JOB FILE



Scott Simons Architects
15 Franklin Street Art, Portland, ME 04101-4169 • 207-772-4656 – 207-828-4656

TRANSMITTAL

To:

Steve Dodge Department of Public Safety State of Maine	Date: August 21, 2003 Project: Breakwater Multi-Purpose Building SSA Job #. 00116.60 Attn: Steve Dodge
--	---

Please find enclosed the following items: Submittal

Copies	Dated	Pages	Description
1	08.21.03	1	Revised sheet A-1.1, Basement and First Floor Plans, Door Schedule

These are transmitted:

☒ for approval ☐ for your use ☐ as requested ☐ for review and comment

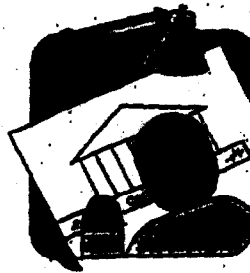
Remarks:

Steve:

As we discussed on the telephone earlier, I am enclosing a revised floor plan of the Breakwater Multi-Purpose Building. This document shows both the second interior stair and the elevator. Thanks for your assistance.

Copy To:  of Portland

Austin Smith



CITY OF PORTLAND MAINE

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

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

FROM DESIGNER: SCOTT SIMONS ARCHITECTS
15 FRANKLIN STREET ART
PORTLAND, MAINE 04101

DATE: APRIL 23, 2003

Job Name: BREAKWATER SCHOOL MULTI-PURPOSE BUILDING

Address of Construction: 856 BRIGHTON AVENUE

THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

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

Building Code and Year BOCA 1999 Use Group Classification(s) A-3
Type of Construction 2A Bldg. Height 24'-0" Bldg. Sq. Footage 4,620 SF
Seismic Zone Av = 0.11 Group Class I
Roof Snow Load Per Sq. Ft. 42 PSF Dead Load Per Sq. Ft. 20 PSF ROOF 65 PSF FLOOR
Basic Wind Speed (mph) 85 MPH Effective Velocity Pressure Per Sq. Ft. 18.5
Floor Live Load Per Sq. Ft. 100 PSF

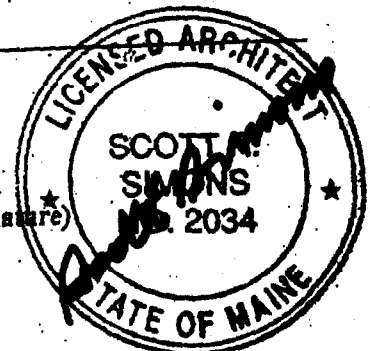
Structure has full sprinkler system? Yes ☒ No ☐ Alarm System? Yes ☒ No ☐
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

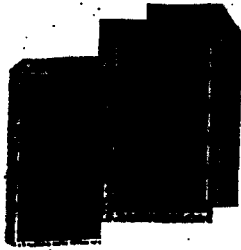
Is structure being considered unlimited area building: Yes ☒ No ☐

If mixed use, what subsection of 313 is being considered NA

List Occupant loading for each room or space, designed into this Project.

(Designers Stamp & Signature)





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: AUSTIN SMITH / SCOTT SIMONS ARCHITECTS

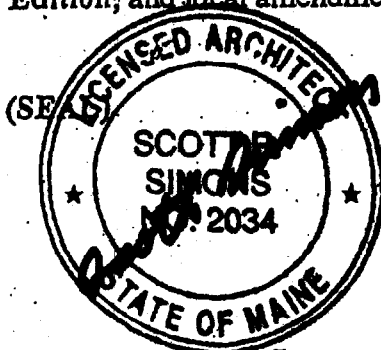
RE: Certificate of Design

DATE: APRIL 23, 2003

These plans and/or specifications covering construction work on:

BREAKWATER SCHOOL MULTI-PURPOSE BUILDING
850 BRIGHTON AVENUE, PORTLAND

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 Scott Simons

Title ARCHITECT

Firm SCOTT SIMONS ARCHITECTS

Address 15 FRANKLIN STREET ART
PORTLAND, MAINE 04101

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.

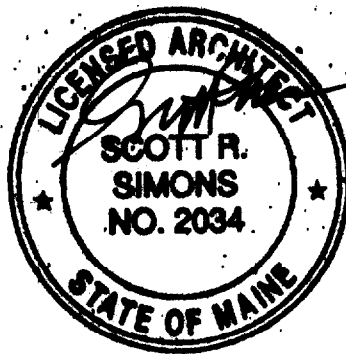


CITY OF PORTLAND
ACCESSIBILITY CERTIFICATE

Designer: Scott Simons Architects
Address of Project: 856 Brighton Avenue, Portland
Nature of Project: Addition to Broadwater School
Date: August 4, 2003

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.

(SEAL)



Signature: [Signature]
Title: President
Firm: Scott Simons Architects
Address: 15 Franklin Street
Portland, ME 04101
Telephone: 207-773-4656



CITY OF PORTLAND MAINE

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

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

FROM DESIGNER: SCOTT SIMONS ARCHITECTS
16 FRANKLIN STREET 4TH
PORTLAND, MAINE 04101

DATE: APRIL 23, 2003

Job Name: BRECKWATER SCHOOL MULTI-PURPOSE BUILDING

Address of Construction: 856 BRIGHTON AVENUE

THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

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

Building Code and Year BOCA 1999 Use Group Classification(s) A-3

Type of Construction 2A Bldg. Height 29'-0" Bldg. Sq. Footage 4,620 SF

Seismic Zone Ay = 0.11 Group Class I

Roof Snow Load Per Sq. Ft. 42 PSF Dead Load Per Sq. Ft. 20 PSF ROOF 65 PSF FLOOR

Basic Wind Speed (mph) 85 MPH Effective Velocity Pressure Per Sq. Ft. 18.5

Floor Live Load Per Sq. Ft. 100 PSF

Structure has full sprinkler system? Yes ☒ No ☐ Alarm System? Yes ☒ No ☐
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

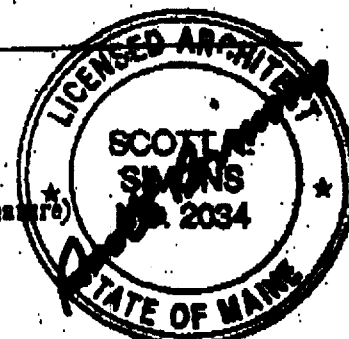
Is structure being considered unlimited area building: Yes ☐ No ☒

If mixed use, what subsection of 313 is being considered NA

List Occupant loading for each room or space, designed into this Project.

(Designers Stamp & Signature)

PSH 6/07/2K





**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: AUSTIN SMITH / SCOTT SIMONS ARCHITECTS

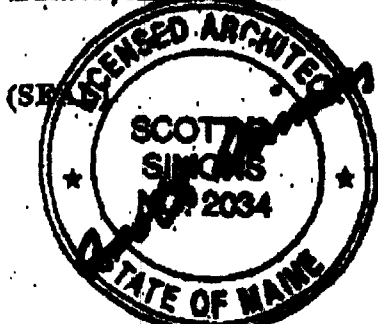
RE: Certificate of Design

DATE: APRIL 23, 2003

These plans and/or specifications covering construction work on:

BRECKWATER SCHOOL MULTI-PURPOSE BUILDING
850 BRIGHTON AVENUE, PORTLAND

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 Scott Simons

Title ARCHITECT

Firm SCOTT SIMONS ARCHITECTS

Address 15 FRANKLIN STREET ART
PORTLAND, MAINE 04101

As per Maine State Law:

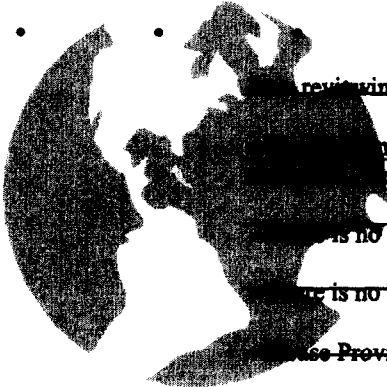
\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.

PSH 6/20/21

389 Congress St. Rm 315
Portland, ME 04101
Phone: (207)874-8700
Fax: (207)874-8716

To: Scott Simonds From: Mike Nugent
Fax: 828-4656 Date: August 4, 2003
Phone 772-4656 Pages: 2
Re: Breakwater School 856 Brighton (259 D001)

☐ Urgent ☐ For Review ☐ Please Comment ☒ Please Reply ☐ Please Recycle



reviewing technical submissions for the above project and have the following questions:
The project was classified as type 2A Construction and the cross sections do not meet that
Please review and comment.
There is no Statement of Special Inspections, Please Review Section 1705 of the Code
There is no handicap accessibility statement (attached)
Please Provide a job spec book and S.W. Cole's soils and foundation analysis.
--Need 11" x 17" plans or digital images on disc (.pdf format)





Scott Simons Architects
 15 Franklin Street Art, Portland, ME 04101-4188 • 207-772-4656 • 207-828-4656

TRANSMITTAL

To:

Mike Nugent
 Inspector of Buildings
 City of Portland

Faxed to 874-8716

Date: August 13, 2003

Project: Breakwater Multi-Purpose Building

SSA Job #: 00116.60

Attn: Mike Nugent

Please find enclosed the following items: Submittal

Copies	Dated	Pages	Description
1	04.23.03	1	Accessibility Certificate, City of Portland
1	04.23.03	1	BOCA Compliance Declaration, City of Portland
1	04.23.03	1	Certificate of Design, City of Portland
1	04.25.03	4	Statement of Special Inspections

These are transmitted:

☒ for approval

☐ for your use

☐ as requested

☐ for review and comment

Remarks:

Mike:

I have found a copy of your faxed sent on August 4, 2003. I was away on vacation and the fax ended up on a co-worker's desk.

I've enclosed copies of the formwork that we filed with you in April of this year. I think we also supplied 11" x 17" sets of document with those forms. If they are not on record let me know and I will have a set printed today.

I will hand deliver the geotech report from S.W. Cole and project specifications today marked for your attention.

Concerning the classification of type 2A Construction, I'll take a look and give you a call this afternoon.

Thanks for your attention.

Copy To: Nick Nash at Thaxter Company

Austin Smith



**CITY OF PORTLAND
ACCESSIBILITY CERTIFICATE**

Designer: SCOTT SIMONS ARCHITECTS

Address of Project 850 BRIGHTON AVENUE

Nature of Project BREAKWATER SCHOOL

MULTI-PURPOSE BUILDING

Date APRIL 23, 2003

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.

(SEAL)



Signature Scott Simons

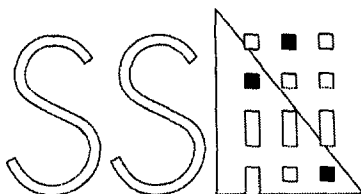
Title ARCHITECT

Firm SCOTT SIMONS ARCHITECT

Address 16 FRANKLIN STREET ART

PORTLAND, MAINE 04101

Telephone 207.772.4656



Scott Simons Architects
15 Franklin Street Art, Portland, ME 04101-4169 • 207-772-4656 – 207-828-4656

TRANSMITTAL

To:

Mike Nugent Inspector of Buildings City of Portland	Date: August 13, 2003 Project: Breakwater Multi-Purpose Building SSA Job #. 00116.60 Attn: Mike Nugent
---	---

Please find enclosed the following items: Submittal

Copies	Dated	Pages	Description
1	04.23.03	1	Accessibility Certificate, City of Portland
1	04.23.03	1	BOCA Compliance Declaration, City of Portland
1	04.23.03	1	Certificate of Design, City of Portland
1	04.25.03	4	Statement of Special Inspections
1	06.18.03	1	Reduced set [11"x17"] of construction documents dated
1	06.20.03		Project specifications dated 06.20.03, Statement of Special Inspections included
1	06.04.98		S.W. Cole Geotechnical report of 06.04.98

These are transmitted:

☒ for approval

☐ for your use

☐ as requested

☐ for review and comment

Remarks:

Mike:

The above items address the concerns you raised in your fax of 08.04.03.

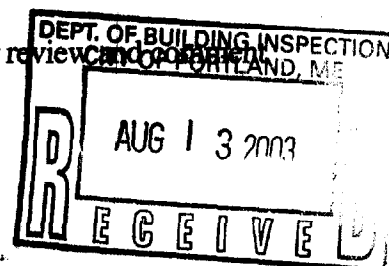
There is one item, the BOCA classification that I should discuss with you. Is it an issue of 2A versus 2B that you questioned? Unprotected versus Protected?

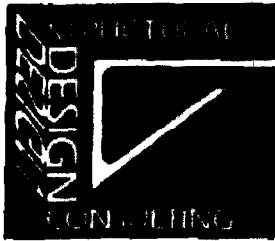
Also, I included the reduced ,11x17 set of construction documents. If you have to have pdf. format please let me know.

Thaxter has schedule a plumbing rough-in in the next few days and urgently require the permitting.

Copy To: Nick Nash at Thaxter Company

Austin Smith





5 Balsam Lane
Falmouth, ME 04105-2448
Phone: (207) 878-8038
Fax: (207) 878-8293

TRANSMITTAL**To: Scott Simons Architects****Date: April 25, 2003****Project: Breakwater Multi-Purpose****Project N^o: 01034****Attn: Austin Smith**

☒ Attached ☐ Under separate cover via _____
☐ Drawings ☐ Specifications ☐ Calculations ☐ Report ☐ Shop Drawings
☒ Other: _____
☐ For Approval ☐ For Signature ☐ For Review and Comment
☒ For your use ☐ Reviewed ☐ Returned for Corrections
☐ Other: _____

<u>Copies</u>	<u>Date</u>	<u>No.</u>	<u>Description</u>
1	4/25/03		Statement of Special Inspections

Remarks:**Austin,**

This must be signed by an Owner's Representative and delivered to the Building Department.

Signed: *DT***Copy to:**

If enclosures are not as noted, please call (207) 878-8038.

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: Breakwater School Multi-Purpose Building

LOCATION: 856 Brighton Avenue
Portland, Maine

OWNER: Breakwater School
856 Brighton Avenue
Portland, ME

ARCHITECT OF RECORD: Scott Simons Architects
15 Franklin Street Arterial
Portland, ME 04101

STRUCTURAL ENGINEER OF RECORD: Structural Design Consulting, Inc.
5 Balsam Lane
Falmouth, ME 04105

This Statement of Special Inspections is submitted as a condition of permit issuance in accordance with Section 1705.0 of the 1999 BOCA National Building Code. It includes a Schedule of Special Inspection Services applicable to this project as well as the name of the Special Inspector, and the names of other agencies intended to be retained for conducting these inspections.

The Special Inspector shall keep records of all inspections listed herein, and shall periodically furnish Interim Special Inspection Reports to the Building Code Official and to the Architect of Record. All discrepancies shall 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 Building Code Official and the Architect of Record. A Final Report of Special Inspections documenting completion of all special inspections and correction of all discrepancies noted in inspection records shall be submitted to the Building 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 or install the materials listed.

Prepared by:

David Tetreault
Signature

4/25/03
Date



Owner's Authorization:

Building Code Official's Acceptance

Signature

Date

Signature

Date

Breakwater School Multi-Purpose Building
Portland, Maine
Page 1 of 3

SPECIAL INSPECTION AGENCIES

1. SPECIAL INSPECTOR:

David Tetreault, P.E.
Structural Design Consulting, Inc.
5 Balsam Lane
Falmouth, ME 04105

2. TESTING AGENCY:

S.W. Cole Engineering, Inc
286 Portland Road
Gray, ME 04039-9586

3. TESTING AGENCY:

Note The inspection and testing agents shall be engaged by the Owner or the Owner's Agent and not by the Contractor or Subcontractor whose work is being inspected or tested. Any conflict of interest shall be disclosed to the Building Official prior to commencement of work.

**Breakwater School Multi-Purpose Building
Portland, Maine
Page 2 of 3**

SCHEDULE OF SPECIAL INSPECTION SERVICES**1. Soils and Foundations**

Item	Agent No.	Scope
Subgrade Preparation	2	Observe excavation and footing bearing surface.
Structural Fill placement	2	Observe placement and compaction of structural fill.

2. Cast-In-Place Concrete

Item	Agent No.	Scope
Mix Design	1	Review suppliers mix design and laboratory test reports or strength tests.
Reinforcement Installation	1	Inspect placement of reinforcement prior to placement of concrete.
Concrete Placement	1	Inspect concreting operations during placement.
Material Testing	2	Sample and test concrete for slump, air content, temperature and compressive strength

3. Structural Steel

Item	Agent No.	Scope
Materials	1	Review material for conformance with Contract Documents.
Welding	2	Perform visual inspection of all welds. Welds deemed questionable by visual inspection, all partial and full penetration welds, and any other welds indicated on the Contract Documents shall be tested by Liquid penetrant inspection, magnetic particle inspection, radiographic inspection or Ultrasonic Inspection
Details	2	Review framing details for conformance with Contract Documents.

Breakwater School Multi-Purpose Building
Portland, Maine
Page 3 of 3

N.A. — Not applicable

NADA FORM & SPECIAL USE ADMINISTRATION (Chapter 1)

Complete construction documents
(107.5, 107.6, 107.7)

Signed/sealed construction documents
(107.7, 114.1)

NADA JOB SPECS.

BUILDING PLANNING (Chapters 3, 4, 5; 6)

USE OR OCCUPANCY CLASSIFICATION (302.0-313.0)

A-3

Single Use Group

Specific occupancy areas (302.1.1)

Mixed Use Groups

Accessory areas (302.1.2)

GENERAL BUILDING LIMITATIONS (Chapters 5 & 6)

Apply Case 1 to determine the allowable height and area and permitted types of construction for a building containing a single use group or nonseparated mixed use groups. Apply Case 2 to determine the allowable height and area and permitted types of construction for a building containing separated mixed use groups.

AREA MODIFICATIONS TO TABLE 503

% of Allowable tabular area (Table 503)

100%

% Reduction for height (Table 506.4)

0%

% Increase for open perimeter (506.2)

+150%

% Increase for automatic sprinklers (506.3)

+100%

Total percentage factor

= 350%

Conversion factor

$350 / 100 = 3.5$
(Total percentage factor/100%)

Open perimeter (506.2)	50	20	88	67
	North	East	South	West
Open perim. 275 ft.				
Perimeter 275 ft.				
% Open perimeter =				
	$(\text{Open perim.} / \text{perim.}) \times 100\%$			
% Tab. area increase (506.2)				
	$2 \times (\% \text{ Open perim.} - 25\%)$			

CASE 1 — SINGLE USE OR NONSEPARATED MIXED USE GROUPS (313.1.1, 503.0)

Using Table 503, identify the allowable height and area of the single use group or the most restrictive of the nonseparated mixed use groups. Construction types that provide an allowable tabular area equal to or greater than the adjusted floor area and allowable heights (as modified by Section 504.0) equal to or greater than the actual building height are permitted.

Proposed Actual floor area 5000 ft.² Actual building height 25 feet 1 stories
 Allowable Adjusted floor area 8400 ft.² Allowable building height 40 feet 2 stories

*Adjusted floor area = actual floor area/conversion factor

Permitted types of construction

Type of construction assumed for review (602.3)

5B

ATRIUMS

Automatic sprinkler system (404.2)
 Occupancy (404.3)
 Smoke control (404.4)
 Enclosure (404.5)
 Fire alarm system (404.6)
 Travel distance (404.7)

OTHER SPECIAL USE AND OCCUPANCY

Underground structures (405.3)
 Open parking structures (406.0)

Private garages (407.0)

Public garages (408.0)

Use Group I-2 (409.0)

Use Group I-3 (410.0)

Stages and platforms (412.0)

Special amusement buildings (413.0)

HPM facilities (416.0)

Hazardous materials (307.8, 417.0)

Use Groups H-1, H-2, H-3 and H-4 (418.0)

Swimming pools (421.0)

FIRE PROTECTION (Chapters 6, 7, 8, 9)

FIRERESISTANT MATERIALS AND CONSTRUCTION (Chapter 7 and Table 602)

Note: Entry in ☐ indicates required rating in hours. NC indicates noncombustible construction required.

COMBUSTIBILITY (603.0, 604.0, 605.0, 606.0)

REQUIRED Exterior walls 1 HR SHOWN

Interior elements

0 Roof

CONSTRUCTION DOCUMENTS (703.0)

Fire tests (704.0)

EXTERIOR WALLS (507.2, 705.0, 716.5)

	North	East	South	West
Fire separation distance	<u>230</u>	<u>26'</u>	<u>730</u>	<u>50'</u>
	<u>BRIGHTON AVE</u>		<u>CAPESIDE ST.</u>	

Loadbearing ☒ ☐ ☐ ☐

Nonloadbearing ☒ ☐ ☐ ☐

☒ NONE Exterior opening protectives (705.3, 706.0)

☒ NONE Parapet walls (705.6)

FIRE SEPARATION ASSEMBLIES

☒ EXITS OUTSIDE Exit enclosures (709.0, 710.0, 1014.11)

☒ NONE Other shafts (709.0, 710.0)

☒ NONE Mixed use and fire area separations (313.1.2)

☒ NONE Other separation assemblies (302.1.1, Table 602)

FIRE PARTITIONS

☐ Exit access corridors (711.0, 1011.4)

☒ Tenant separations (711.0)

☒ Dwelling unit separations (711.0)

☒ Guestroom separations (711.0)

OTHER FIRERESISTANT CONSTRUCTION

☒ NONE Fire and party walls (707.0 and Table 707.1)

☐ Smoke barriers (712.0)

☒ TYPE Nonloadbearing partitions (Table 602)

☒ Interior loadbearing walls, columns, girders, trusses (716.0)

☒ Supporting construction (716.0)

☒ NONE Floor construction (713.0, 1006.3.1)

☒ NONE Roof construction (713.0, 715.0)

Penetrations (714.0)

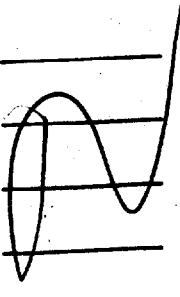
Opening protectives (717.0, 719.0, 720.0)

Fire dampers (718.0)

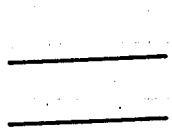
Fireblocking/draftstopping (721.0)

Thermal and sound-insulating materials (723.0)

STANDPIPE SYSTEMS

 Building height (915.2.1)
Building area (915.2.2)
Malls (915.2.3)
Stages (915.2.4)
Approved system (915.3, 915.3.1)
Piping design (915.4)
Water supply (915.5)
Control valves (915.6)
Hose connection (915.7)

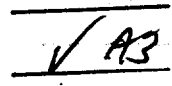
FIRE DEPARTMENT CONNECTIONS

 Required (916.1)
Connections (916.2)

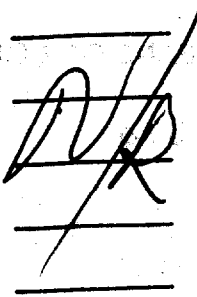
YARD HYDRANTS

 Fire hydrants (917.1)

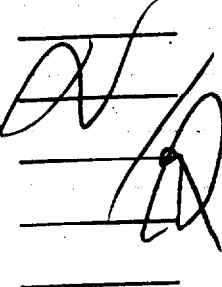
FIRE ALARM SYSTEMS

 Approval (918.3)
Assembly (A-4), Educational (E) (918.4.1)
Business (B) (918.4.2)
High-hazard (H) (918.4.3)
Institutional (I) (918.4.4)
Residential (R-1) (918.4.5)
Residential (R-2) (918.4.6)
Location/details (918.5)
Power supply/wiring (918.6, 918.7)
Alarm-notification appliances (918.8)
Voice/alarm signaling system (918.9)

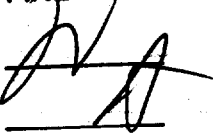
AUTOMATIC FIRE DETECTION SYSTEMS

 Approval (919.3)
Institutional (I) (919.4.1, 919.4.2, 919.4.3)
Residential (R-1) (919.4.4)
Sprinklered buildings exception (919.5)
Zones (919.6)

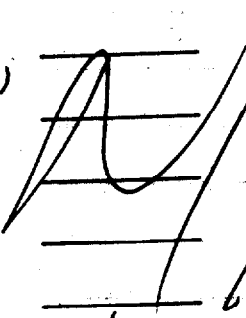
SINGLE- AND MULTIPLE-STATION SMOKE DETECTORS

 Residential (R-1) (920.3.1)
Residential (R-2, R-3) (920.3.2)
Institutional (I-1) (920.3.3)
Interconnection (920.4)
Battery backup (920.5)

FIRE EXTINGUISHERS

 Approval (921.1)
Required (921.2)

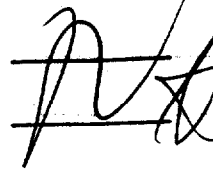
SMOKE CONTROL SYSTEMS

 Passive system (922.2.1)
Mechanical system (922.2.2)
Smoke removal (922.3)
Activation (922.4)
Standby power (922.5)

SMOKE AND HEAT VENTS

 Size and spacing (923.2)

SUPERVISION

 Fire suppression systems (924.1)
Fire alarm systems (924.2)

MEANS OF EGRESS (continued)

<u>✓</u>	General limitations (1005.0)	<u>OK</u>	Ramps (1016.0)
<u>N/A</u>	Air movement in egress elements (1005.7)	<u>OK</u>	Means of egress doorways (1017.0)
<u>OK</u>	Types and location of egress (1006.0)	<u>OK</u>	Number of doorways (1017.2)
<u>OK</u>	Exit access travel distance (1006.5 and Table 1006.5)	<u>OK</u>	Size of doors (1017.3)
<u>✓</u>	Accessible means of egress (1007.0)	<u>N/A</u>	Door hardware (1017.4)
<u>N/A</u>	Emergency escape (1010.4)	<u>OK</u>	Revolving doors (1018.0)
<u>OK</u>	Exit access passageways and corridors (1011.0)	<u>✓</u>	Horizontal exits (1019.0)
<u>OK</u>	Aisles and accessways (1012.0)	<u>OK</u>	Level of exit discharge passageway (1020.0)
<u>N/A</u>	Grandstands (1013.0)	<u>OK</u>	Guards (1021.0) — DEFINE 49
<u>✓</u>	Interior stairways (1014.1 - 1014.11)	<u>✓</u>	Handrails (1022.0)
<u>✓</u>	Exterior stairways (1014.1 - 1014.10, 1014.12)	<u>OK</u>	Exit signs and lights (1023.0)
<u>N/A</u>	Smokeproof enclosures (1015.0)	<u>OK</u>	Means of egress lighting (1024.0)
			Access to roof (1027.0)

ACCESSIBILITY (Chapter 11)

<u>Required</u>	Required (1103.0)	<u>OK</u>	Accessible entrances (1106.0)
<u>OK</u>	Accessible route (1104.0)	<u>OK</u>	Special use groups (1107.0)
<u>OK</u>	Parking facilities (1105.0)	<u>OK</u>	Features and facilities (1108.0)

INTERIOR ENVIRONMENT (Chapter 12)

<u>OK</u>	Room dimensions (1204.0)	<u>OK</u>	Air-borne noise (STC) (1214.2)
<u>OK</u>	Roof spaces (1210.1, 1211.2)	<u>OK</u>	Structure-borne sound (IIC) (1214.3)
<u>OK</u>	Crawl spaces (1210.2, 1211.1)	<u>OK</u>	Ratproofing (1215.0)

BUILDING ENVELOPE (Chapters 14, 15)

EXTERIOR WALL COVERINGS (Chapter 14)

<u>OK</u>	Performance requirements (1403.0)	<u>OK</u>	Combustible material restrictions (1406.0)
<u>OK</u>	Wall sidings and veneers (1404.0, 1405.0)		

STRUCTURAL DESIGN CALCULATIONS (continued)

<input type="checkbox"/> Unbalanced snow loads considered (1608.6)	<input type="checkbox"/> Internal pressure effects considered (1609.7, 1609.8)
<input type="checkbox"/> Drift snow loads considered (1608.7)	<input checked="" type="checkbox"/> Components and cladding effects considered (1609.8) YES
<input type="checkbox"/> Sliding snow loads considered (1608.8)	<input checked="" type="checkbox"/> Load combinations considered (1613.1)

MATERIAL PERFORMANCE (Chapter 17)

<u>N/A</u> Material performance technical data or BOCA Evaluation Services or National Evaluation Services report supplied (1703.0) Report No. _____	<input checked="" type="checkbox"/> Masonry construction (1705.5)
<input checked="" type="checkbox"/> Owner's special inspection program specified (1705.0)	<u>N/A</u> Wood construction (1705.6)
<input checked="" type="checkbox"/> Prefabricated items (1705.2)	<input checked="" type="checkbox"/> Prepared fill and foundations (1705.7, 1705.8, 1705.9)
<input checked="" type="checkbox"/> Steel construction (1705.3)	<u>NOT REQUIRED</u> Fireresistive materials (1705.12)
<input checked="" type="checkbox"/> Concrete construction (1705.4)	<u>N/A</u> EIFS, wall panels and veneers (1705.10, 1705.13)

FOUNDATIONS AND RETAINING WALLS (Chapter 18)

<u>See/SC</u> Soil type (1611.0, 1802.1, 1804.1)	<input checked="" type="checkbox"/> Foundations (1814.0 - 1824.0)
<u>See/SC</u> Bearing value (1611.0, 1802.1, 1804.1)	<input checked="" type="checkbox"/> Foundation walls (1611.0, 1812.0)
<input checked="" type="checkbox"/> Soil report (1802.1, 1804.1)	<input checked="" type="checkbox"/> Waterproofing/dampproofing (1813.0)
<input checked="" type="checkbox"/> Prepared fill (1804.1.1)	<input checked="" type="checkbox"/> Retaining walls (1611.0, 1825.0)
<input type="checkbox"/> Footings (1806.0 - 1811.0)	

STRUCTURAL MATERIALS (Chapters 19, 21, 22, 23)

CONCRETE (Chapter 19)

<input type="checkbox"/> Plain, reinforced and prestressed concrete design/construction standard specified (1901.1, 1903.1.1)	<input type="checkbox"/> Minimum concrete strength (Table 1907.1.2(1))
<input type="checkbox"/> Minimum slab requirements (1905.1)	<input type="checkbox"/> Cold-weather and hot-weather curing specified (1908.9, 1908.10)

MASONRY (Chapter 21)

<input type="checkbox"/> Engineered masonry design/construction standard specified (2101.1.1)	<input type="checkbox"/> Cold-weather and hot-weather construction specified (2111.3, 2111.4)
<input type="checkbox"/> Empirical masonry design (2101.1.2)	<input type="checkbox"/> Fireplaces and chimneys (2103.2, 2113.0 - 2117.0)
<input type="checkbox"/> Construction materials (2104.0)	<input type="checkbox"/> Glass block (2118.0)
<input type="checkbox"/> Mortar type (2104.7)	

LIGHT-TRANSMITTING PLASTIC (2603.5, 2604.0)

Diffusing systems (2604.5)

Wall panels (2605.0)

Unprotected openings (2606.0)

Roof panels (2607.0)

Skylight glazing (2608.0)

BUILDING SERVICES (Chapters 28, 30)

MECHANICAL SYSTEMS (Chapter 28)

Waste- and linen-handling
systems (2807.0)

Refuse vaults (2808.0)

ELEVATORS AND CONVEYING SYSTEMS (Chapter 30)

Construction standard specified (3001.2)

Elevator emergency operation (3006.2)

Hoistway enclosure (3007.1)

Venting (3007.3 - 3007.6)

Opening protectives (3008.2)

Conveyors and escalators (3010.0, 3011.0)

SPECIAL DEVICES AND CONDITIONS (Chapters 31, 34)

SPECIAL CONSTRUCTION (Chapter 31)

Membrane structures (3103.0)

Flood-resistant construction (3107.0)

Towers (3108.0)

PEDESTRIAN WALKWAYS (3106.0)

Construction and use (3106.1 - 3106.3)

Separation (3106.4)

Local approval (3106.5)

Egress and size (3106.6 - 3106.8)

EXISTING STRUCTURES (Chapter 34)

ADDITIONS, ALTERATIONS OR CHANGE OF OCCUPANCY

General requirements (3402.0)

Structural loads (1614.0, 3402.5)

Accessibility (1110.0, 3402.7)

Additions/alterations (3403.0, 3404.0)

Change of occupancy (1110.3, 3405.0)

Compliance alternative evaluation (3408.0)

BUILDING EVALUATION SUMMARY (Table 3408.7)

Existing use group	Proposed use group	Number of stories	Height in feet
Year building was constructed	Area per floor	Percentage of height reduction	%
Type of construction	Corridor wall rating	Required door closers:	Yes No
Percentage of open perimeter	%		
Completely suppressed:	Yes No		
Compartmentation:	Yes No		
Fire-resistance rating of vertical opening enclosures			
Type of HVAC system	serving number of floors		