

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION

Please Read Application And Notes, if Any, Attached

Permit Number: 061256

This is to certify that BURNHAM HAROLD PAC Keeley Construction
has permission to New elevator and elevator lobby to replace existing elevator
AT 633 CONGRESS ST L 046 D05001

PERMIT ISSUED
OCT - 4 2006

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of this State 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 when permission procured before this building or part thereof is laid or closed-in. 24 HOUR NOTICE IS REQUIRED.

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

OTHER REQUIRED APPROVALS
Fire Dept. Gregg Clark PFB
Health Dept. _____
Appeal Board _____
Other _____
Department Name

William A. Collins 10/10/06
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

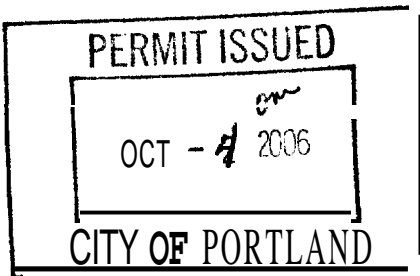
City of Portland, Maine - Building or Use Permit Application

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

Permit No: 06-1256	Issue Date:	CBL: 046 D078001
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I t i f Construction: <i>ca d</i> 655 CONGRESS <i>33</i> Name:	Owner Name: BURNHAM HAROLD PAGE	Owner Address: PO BOX 2082	Phone:
Contractor Name: Keeley Construction	Contractor Address: P.O. Box 1174 Portland	Phone: 2077738499	
Lessee/Buyer's Name	Phone:	Zone: <i>B-3</i>	
Past Use: Multi-unit <i>legal use: 61 Residential D.U.</i>	Proposed Use: Multi-unit -New elevator and elevator lobby to replace existing elevator	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>R2</i> Type: <i>3E</i> <i>TBL 2003 ELEVATOR</i>
Proposed Project Description: New elevator and elevator lobby to replace existing elevator		Signature <i>Greg Cross</i>	Signature <i>[Signature]</i> 10/23/06
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature <i>No change of use</i> Date:			
Permit Taken By: Idobson	Date Applied For: 08/25/2006	Zoning Approval	

<input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan # <i>2006-0095</i> Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM <input type="checkbox"/> <i>ok with conditions</i> Date: <i>9/15/06</i>	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: <i>3</i>	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: <i>[Signature]</i>
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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

City of Portland, Maine - Building or Use Permit

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

Permit NO: 06-1256	Date Applied For: 08/25/2006	CBL: 046 D026001
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Location of Construction: 633 Congress St	Owner Name: Burnham H Page &	Owner Address: Po Box 2282	Phone:
Business Name:	Contractor Name: Keeley Construction	Contractor Address: P.O. Box 1174 Portland	Phone (207) 773-8499
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	

Proposed Use: Multi-unit -61 res. D.U. New elevator and elevator lobby to replace existing elevator	Proposed Project Description: New elevator and elevator lobby to replace existing elevator
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Dept: Building **Status:** Approved **Reviewer:** Michael A. Collins **Approval Date:** 10/03/2006
Note: **Ok to Issue:**

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Cptn Greg Cass **Approval Date:** 09/08/2006
Note: **Ok to Issue:**

1) All construction shall comply with NFPA 101
2) Elevator shall be sized to acomadate medical stretchers

Dept: Fire **Status:** Denied **Reviewer:** Cptn Greg Cass **Approval Date:**
Note: The information required on the Fire Dept. Checklist needs to be provided **Ok to Issue:**

Comments:
9/12/2006-mjn: Left Message w/ David Lloyd, need special inspections and geotech.
9/15/2006-gg: received granted site exemption. /gg
8/31/2006-mes: memoed Sarah for a stamped approved site plan for this project - none on file
WAIT FOR STAMPED APPROVED SITE PLAN BEFORE ISSUING PERMIT

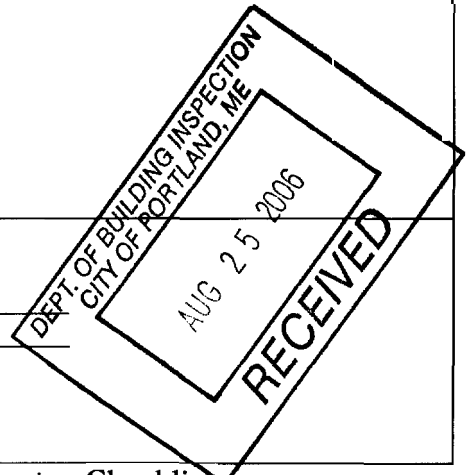


General Building Permit Application

PDF ✓

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.

Total Square Footage of Proposed Structure 165		Square Footage of Lot 12,706sq. ft.	
Tax Assessor's Chart, Block & Lot Chart# 46 Block# D Lot#26-27+28		Owner: Michael Burnham MPB Properties PO Box 2282 Scarborough, ME 04070	Telephone: (207) 885-5111
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: David Lloyd Archetype, PA 48 Union Wharf Portland, ME 04101 (207) 772-6022		cost Of Work \$ 150,000 Fee: \$ 1,520 C of O Fee: \$ 75.00
Current Specific use: <u>Residential Apartments</u> Total: \$1,595 Proposed Specific use: <u>Elevator</u>			
Project description: New Elevator and Elevator Lobby to replace existing elevator.			
Specifications N/A Geotech Report N/A			
Contractor's name, address & telephone: Keeley Construction CO. Inc. PO Box 1074 Portland, ME 04104 (207) 773-8499			
Who should we contact when the permit is ready: _____ Mailing address: Keeley Construction Co. Inc. Phone: <u>773-8499</u> PO Box 1074 Portland, ME 04104			



Please submit **all** of the information outlined in the Commercial Application 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 visit us on-line at www.portlandmaine.gov, stop by the Building Inspections 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 of applicant: 	Date: <u>8-25-06</u>
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This is not a permit; you may not commence ANY work until the permit is issued.

From: Barbara Barhydt
To: Marge Schmuckal
Date: 9/5/2006 9:03:47 AM
Subject: Re: 625 Congress Street

I asked David Lloyd to submit a site plan exemption since his client was not ready to move **forward** with the full set **of** plans. I sent an e-mail asking the status, but had not heard back. I was ready to write a letter saying that the application had lapsed or some such thing. I will call David, unless you have seen an exemption request?

Barbara

>>> Marge Schmuckal 8/31/2006 12:51:42 PM >>>

Sarah,

We have a permit for the new elevator tower. Can we issue a building permit? Can I get a copy of the stamped approved site plan.

Marge

Zoning and Tax Information

This form is to be completed by the appropriate municipal official and included as part of the proposal submission.

The following information is to be given for the property located at 633 Congress Street

owned by H. P. + P. G. Burnham

Zoning

Present Zoning: B-3

61 confirmed by Mike Burnham

The given number of units of the building is: 61

Please verify whether the number of units given are legal under the Zoning/Building Ordinance.

Yes, the number of units is legal.

No, the number of units is not presently legal. The legal number of units is _____

Is rezoning/variance required to make the proposed improvements? NO

NO NEW UNITS BEING ADDED

If yes, state status of any rezoning/variance request. _____

Signed: William D. H.

Title: Zoning Administrator

Date: 8-7-91

Taxes

This is to verify that the property located at 633 Congress Street

and owned by H. P. + P. G. Burnham does not currently have any delinquent taxes.

Signed: _____

Title: _____

Date: _____

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information

Card Number 1 of 1
Parcel ID 046 D026001
Location 633 CONGRESS ST
Land Use MULTI-USE COMMERCIAL

Owner Address BURNHAM H PAGE & PATRICIA G BURNHAM
 PO BOX 2282
 SCARBOROUGH ME 04070

Book/Page 11777/320
Legal 46-D-26-36
 CONGRESS ST 633-635
 DEERING ST PL 9-11
 15805 SF

Current Assessed Valuation

Land	Building	Total
\$343,100	\$1,829,300	\$2,172,400

Building Information

Bldg #	Year Built	# Units	Bldg Sq. Ft.	Identical Units
1	1900	58	46075	1

Total Acres	Total Buildings	Sq. Ft.	Structure Type	Building Name
0.363	46075		APARTMENT - HIGH RISE	BURNHAM APARTMENTS

Exterior/Interior Information

Section	Levels	Size	Use
1	B1/B1	5049	SUPPORT AREA
1	01/01	1320	MULTI-USE OFFICE
1	01/01	6310	APARTMENT
1	02/02	7720	APARTMENT
1	03/03	7720	APARTMENT
1	04/06	5134	APARTMENT
1	B1/B1	2554	APARTMENT

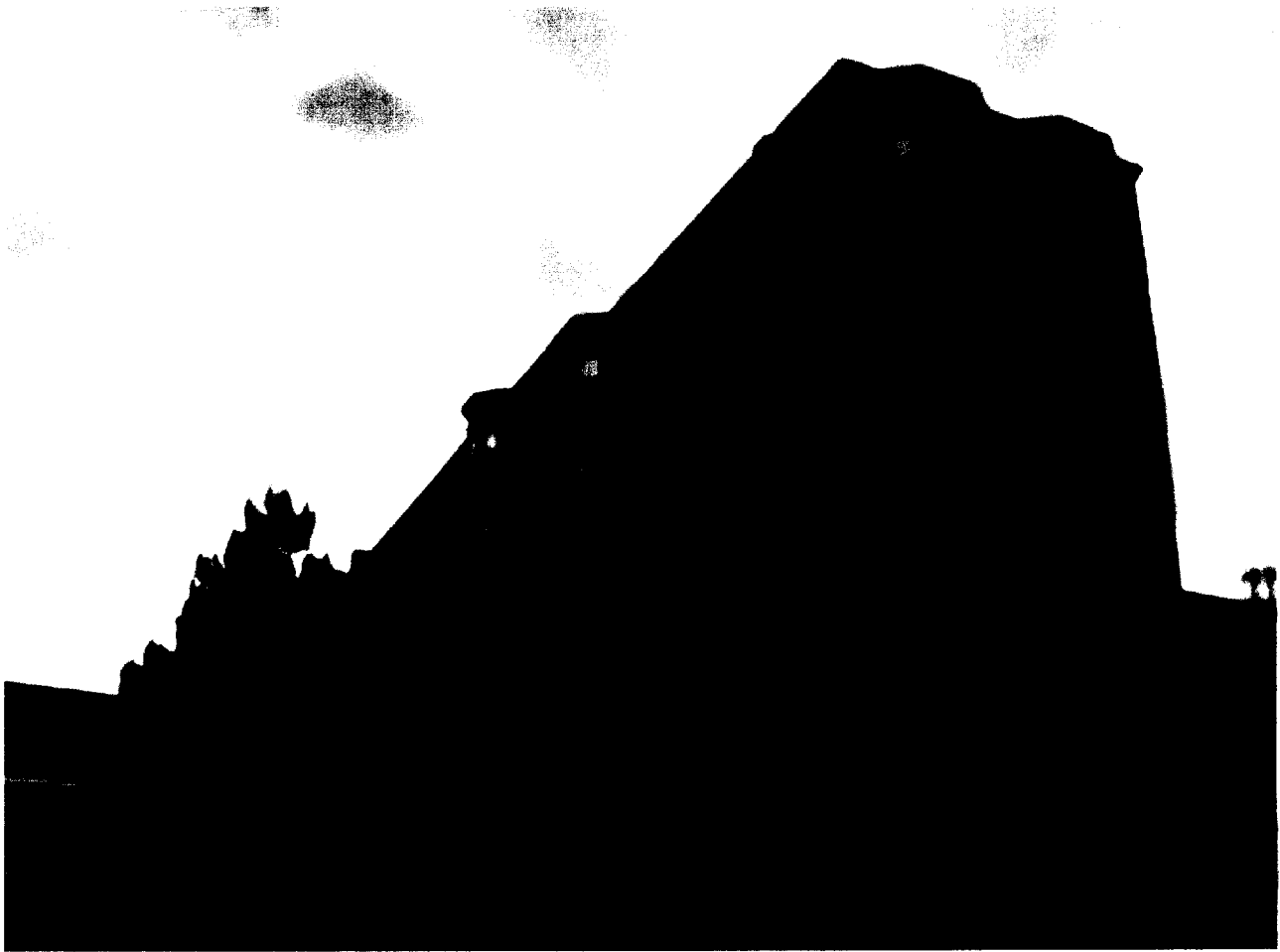
Height	Walls	Heating	A/C
9		NONE	NONE
10	BRICK/STONE	HW/STEAM	NONE
10	BRICK/STONE	HW/STEAM	NONE
10	BRICK/STONE	HW/STEAM	NONE
10	BRICK/STONE	HW/STEAM	UNIT
10	BRICK/STONE	HW/STEAM	UNIT
9	MASNRY/FRAME	HW/STEAM	NONE
		NONE	NONE

Building Other Features

Line	Structure Type	Identical Units
1	ELEVATOR - ELEC. PASSENGER	1
2	PORCH - COVERED	1
2	PORCH - ENCL	1
2	SPRINKLER - DRY	1

Yard Improvements

Year Built	Structure Type	Length or Sq. Ft.	# Units
1971	ASPHALT PARKING	3564	1



May 18,2006

Sarah Hopkins
Development Review Manager
City of Portland
389 Congress Street
Portland, ME 04101

RE: New Elevator and Apartment/Retail Building – 635 Congress Street

Dear Sarah,

We are submitting our Site Plan Application for a proposed 4 story building consisting of 1st floor retail and 15 apartments on floors 2-4. The new building is to be located on the empty lot adjacent to 635 Congress Street, zoned B3. Please note the following:

1. The owner intends to complete the work in 2 phases.
2. Phase 1 consists of building a new elevator on the empty lot adjacent to 635 Congress street. The existing troublesome elevator will be removed and the new elevator will serve the existing Burnham *Arms* apartment building. The remainder of the empty lot will be utilized for parking. A strip of landscaping will screen the parking from Congress street.
3. Phase 2 consists of removing the vacant single story building adjacent to the empty lot and building a new 4 story retail/apartment building around the elevator built in Phase 1. The elevator will then serve both buildings.

Square footage breaks down approximately as follows:

Phase 1

Floors 1-6 85 square feet per floor

Phase 2

First floor (retail) 4490 square feet

Second floor (residential) 4200 square feet

Third floor (residential) 4200 square feet

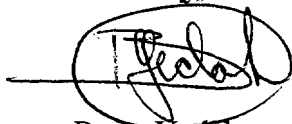
Fourth floor (residential) 4200 square feet

We are looking to have a workshop with the Planning Board.

Please call with any questions or concerns.

Thank you,

Sincerely,



Barry Yudaken



City of Portland Site Plan Application

If you or the property owner owes real estate taxes, personal property taxes or user charges on any property within the City, payment arrangements must be made before permit applications can be received by the Inspections Division.

Total Square Footage of Proposed Structure: 17,600 sq. ft.		Square Footage of Lot: 12,706 sq. ft.	
Tax Assessor's Chart, Block & Lot: Chart# 46 Block# D Lot# 26-27-28		Property owner's mailing address: Michael Burnham MPB Properties PO BOX 2282 Scarborouah. ME 04070	
Consultant/Agent, mailing address, phone # & contact person: David Lloyd Archetype, PA 48 Union Wharf Portland, ME 04101		Telephone #: (207) 885-5111	
Applicant's name, mailing address, telephone #/Fax#/Pager#: David Lloyd-Archetype, PA 48 Union Wharf Portland, ME 04101 (207) 772-6022 Fax (207) 772-4056		Project name: Congress Street Housing Burnham Armes	

Fee For Service Deposit (all applications) (\$200.00)

Proposed Development (check **all** that apply)

New Building Building Addition Change of Use Residential Office Retail

Manufacturing Warehouse/Distribution Parking lot

Subdivision (\$500.00) + amount of lots 15 (\$25.00 per lot) \$ 375.00 + major site plan fee if applicable

Site Location of Development (\$3,000.00)
(except for residential projects which shall be \$200.00 per lot _____)

Traffic Movement (\$1,000.00) Storm water Quality (\$250.00)

Section 14-403 Review (\$400.00 + \$25.00 per lot)

Other _____

Major Development (more than 10,000 sq. ft.)

Under 50,000 sq. ft. (\$500.00)

50,000 - 100,000 sq. ft. (\$1,000.00)

Parking Lots over 100 spaces (\$1,000.00)

100,000 - 200,000 sq. ft. (\$2,000.00)

200,000 - 300,000 sq. ft. (\$3,000.00)

Over 300,000 sq. ft. (\$5,000.00)

After-the-fact Review (\$1,000.00 + applicable application fee)

Minor Site Plan Review

Less than 10,000 sq. ft. (\$400.00)

After-the-fact Review (\$1,000.00 + applicable application fee)

Plan Amendments

Planning Staff Review (\$250.00)

Planning Board Review (\$500.00)

- Please see next page -

Who billing will be sent to: (Company, Contact Person, Address, Phone #)

Michael Burnham
MPB Properties
PO Box 2282
Scarborough, ME 04070
(207) 885-5111

Submittals shall include (9) separate folded packets of the following:


- a. copy of application
- b. cover letter stating the nature of the project
- c. site plan containing the information found in the attached sample plans checklist
- d. 1 set of 11 x 17 plans

Amendment to Plans: Amendment applications should include 6 separate packets of the above (a, b, & c)

ALL PLANS MUST BE FOLDED NEATLY AND IN PACKET FORM

Section 14-522 of the Zoning Ordinance outlines the process which is available on our web site: portlandmaine.gov

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: 	Date:
---	-------

This application is for site review ONLY, a building Permit application and associated fees will be required prior to construction.

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM**

Zoning Copy

2006-0095

Application I. D. Number

511812006

Application Date

Burnham H Page &

Applicant

Po Box 2282, Scarborough, ME 04070

Applicant's Mailing Address

Burnham Armes Housing

Project Name/Description

Consultant/Agent

Applicant Ph: (207) 885-5111 Agent Fax:

Applicant or Agent Daytime Telephone, Fax

625 - 635 Congress St, Portland, Maine

Address of Proposed Site

046 D026001 028

Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail
 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

Proposed Building square Feet or # of Units

Acreage of Site

B3

Zoning

Check Review Required:

- | | | | |
|--|--|--|--|
| <input type="checkbox"/> Site Plan (major/minor) | <input type="checkbox"/> Subdivision # of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | | <input type="checkbox"/> Other _____ |

Fees Paid: Site Pla **\$1,375.00** Subdivision _____ Engineer Review _____ Date **5/18/2006**

Zoning Approval Status:

Reviewer

Margaret S. - Qmed

- Approved Approved w/Conditions See Attached Denied

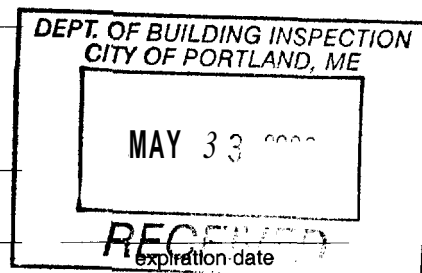
Approval Date _____ Approval Expiration _____ Extension to _____ Additional Sheets Attached

Condition Compliance _____ signature _____ date _____

Performance Guarantee Required* Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

- | | | | |
|---|----------------------|--|-----------------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ date | _____ amount | _____ expiration date |
| <input type="checkbox"/> Inspection Fee Paid | _____ date | _____ amount | |
| <input type="checkbox"/> Building Permit Issue | _____ date | | |
| 3 <input type="checkbox"/> Performance Guarantee Reduced | _____ date | _____ remaining balance | _____ signature |
| <input type="checkbox"/> Temporary Certificate of Occupancy | _____ date | <input type="checkbox"/> Conditions (See Attached) | _____ expiration date |
| <input type="checkbox"/> Final Inspection | _____ date | _____ signature | |
| <input type="checkbox"/> Certificate Of Occupancy | _____ date | | |
| <input type="checkbox"/> Performance Guarantee Released | _____ date | _____ signature | |
| <input type="checkbox"/> Defect Guarantee Submitted | _____ submitted date | _____ amount | |
| <input type="checkbox"/> Defect Guarantee Released | _____ date | _____ signature | |



A R C H I T E C T Y P E

F A X C O V E R S H E E T

TO: Lannio

COMPANY: City of Portland

FROM: See McQueen

DATE: 8/28/06 FAX NUMBER: 874 8693

PROJECT: Burnham Apartments (652 Congress

NUMBER OF PAGES (Including Cover Page): 4

MESSAGE: Certification forms

As Requested

46 D26

IF YOU HAVE ANY PROBLEMS RECEIVING THIS FAX,
PLEASE CALL THE PERSON SENDING IT AS SOON AS POSSIBLE.
THANK YOU.

48 Union Wharf, Portland, Maine 04101 (207) 772-6022 • Fax (207) 772-4056



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

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

FROM: Archetype, P.A.

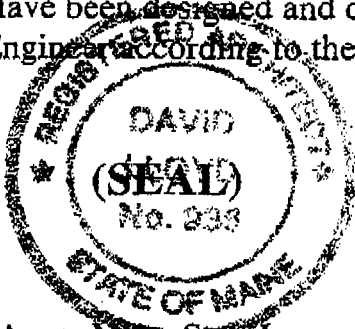
RE: Certificate of Design

DATE: 8/25/06

These plans and / or specifications covering construction work OR:

625-325 Congress Street - Burnham Apartments

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: [Handwritten Signature]
David Lloyd

Title: Architect

Firm: Archetype, P.A.

Address: 48 Union Wharf
Portland, ME 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.

46 D 26



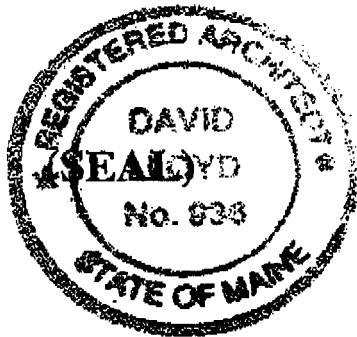
CITY OF PORTLAND
BUILDING CODE CERTIFICATE
38th Congress St., Room 315
Portland, Maine 04101

Designer: David Lloyd, Archetype, P.A.

Address of Project: 625-635 Congress Street

Nature of Project: New Elevator and Elevator Lobby to replace existing elevator.

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.



Signature: [Handwritten Signature]

Title: Architect

Firm: Archetype, P.A.

Address: 48 Union Wharf

Portland ME 04101

Phone: (207)772-6022

46 D26

NOTE: If this project is a new Multi Family Structure of 4 units or more, this project must also be designed in compliance with the Federal Fair Housing Act. On a separate submission, please explain in narrative form the method of compliance.

389 Congress Street • Portland, Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207) 874-8936

FROM DESIGNER: Archetype, P.A.

DATE: 8/25/06

Job Name: Burnham Apartments

Address of Construction: 625-635 Congress Street

2003 International Building Code

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

Building Code and Year IBC 2003 Use Group Classification(s) R2

Type of Construction IB

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? N if yes, separated or non separated (see Section 302.3) _____

Supervisory alarm system? N Geotechnical/Soils report required? (See Section 1802.2) Yes

STRUCTURAL DESIGN CALCULATIONS

N/A Submitted for all structural members
(106.7, 106.1.1)

N/A Live load reduction
(1603.1.1, 1607.9, 1607.10)

N/A Roof live loads (1603.1.2, 1607.11)

**DESIGN LOADS ON CONSTRUCTION DOCUMENTS
(1603)**

Uniformly distributed floor live loads (1603.1.1, 1607)

Roof snow loads (1603.1.3, 1608)

60 PSF Ground snow load, P_g (1608.2)

46 PSF If $P_g > 10$ psf, flat-roof snow load, P_f
(1608.3)

Floor Area Use	Loads Shown
Landings	100 psf

1.0

If $P_g > 10$ psf, snow exposure factor, C_e
(Table 1608.3.1)

1.0

If $P_g > 10$ psf, snow load importance factor, I_s (Table 1604.5)

1.0

Roof thermal factor, C_t (Table 1608.3.2)

N/A

Sloped roof snowload, F_s (1608.4)

C

Seismic design category (1616.3)

IH

Basic seismic-force-resisting system
(Table 1617.6.2)

R=2.0

Response modification coefficient, R ,
and deflection amplification factor, C_d
(Table 1617.8.2)

E.L.F

Analysis procedure (1616.6, 1617.5)

Per ASCE 7

44.5K

Design base shear (1617.4, 1617.5.1)

Wind loads (1603.1.4, 1609)

1609.1.1 Design option utilized (1609.1.1, 1609.6)

85 MPH Basic wind speed (1609.3)

1.0 Building category and wind importance factor, I_w (Table 1604.5, 1609.5)

B Wind exposure category (1609.4)

+/- 0.18 Internal pressure coefficient (ASCE 7)

N/A Component and cladding pressures
(1609.1.1, 1609.6.2.2)

15.7 PSF Main force wind pressures (1609.1.1,
1609.6.2.1)

Flood loads (1603.1.6, 1612)

N/A

Flood hazard area (1612.3)

N/A

Elevation of structure

Other loads

N/A

Concentrated loads (1607.4)

N/A

Partition loads (1607.5)

N/A

Impact loads (1607.8)

N/A

Misc. loads (Table 1607.6, 1607.6.1,
1607.7, 1607.12, 1607.13, 1610,
1611, 2404)

Earthquake design data (1603.1.5, 1614 - 1623)

ASCE 7 Design option utilized (1614.1)

II Seismic use group ("Category")
(Table 1604.5, 1616.2)

SDS=0.40
SD1=0.16 Spectral response coefficients, S_{DS} &
 S_{D1} (1615.1)

D Site class (1615.1.5)

46 D26

*Archetype, P.A.
48 Union Wharf
Portland, ME 04101
(207) 772-6022
(207) 772-4056 (Fax)*

TRANSMITTAL

DATE: September 20, 2006

FROM: David Lloyd

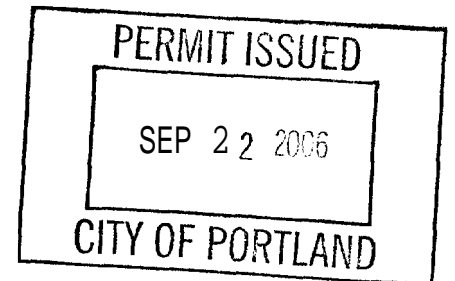
TO: Mike Nugent
Portland City Hall
389 Congress Street
Portland, Maine 04101

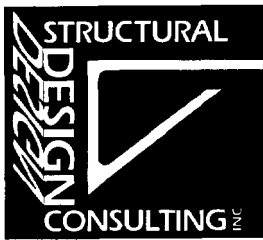
RE: Burnham Arms - Elevator

Attached:

Statement of Special Inspection from Structural Engineer

To be included with the previously submitted building permit.





22 Oakmont Drive
Old Orchard Beach, ME 04064-4 121
Phone: (207) 934-8038
Fax: (207) 934-8039

MEMORANDUM

Date: **September 15,2006**
Project: **Burnham Arms**
To: **Barry Yudaken, Archetype, P.A.**
From: **David Tetreault**
Subject: **Geotechnical requirements**

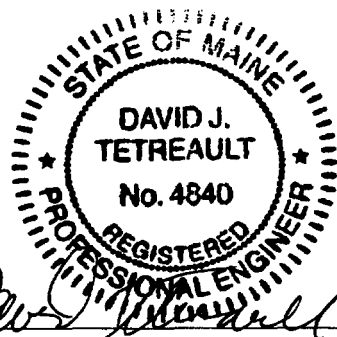
Barry,

I designed the foundation for the subject building shown on sheet S1 dated August 15,2006 in accordance with the following:

Report on Subsurface and Foundation Investigation
Proposed Elevator Addition
Portland, Maine
April 21,2006

The report was prepared by:
Sebago Technics
One Chabot Street
Westbrook, Maine 04098-1339
207-856-0277

Please call me if there is any question.



SIGNATURE: 

Statement of Special Inspections

Project: *Burnham Arms*

Location: *625 – 635 Congress Street, Portland, ME*

Owner: *MPB Properties, P.O. Box 2282 Scarborough, ME*

Design Professional in Responsible Charge: *David J. Tetreault, P.E.*

This Statement **of** Special Inspections **is** submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This Statement **of** Special Inspections encompass the following disciplines:

Structural Mechanical/Electrical/Plumbing
 Architectural Other: _____

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A Final Report of Special **Inspections** documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

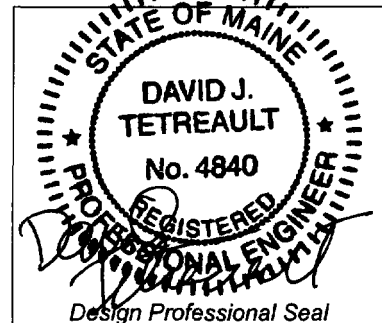
Interim Report Frequency: *As required*

or per attached schedule.

Prepared by:

(type or print name)

David J. Tetreault, P.E.



Signature

Date
Sep. 15, 2006

Owner's Authorization:

Building Official's Acceptance:

Michael Burnham^{su} *9-2006*
Signature Date

Signature Date

Schedule of Inspection and Testing Agencies

This Statement of Special Inspections/ Quality Assurance Plan includes the following building systems:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input checked="" type="checkbox"/> Cast-in-Place Concrete | <input type="checkbox"/> Wood Construction |
| <input type="checkbox"/> Precast Concrete | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input checked="" type="checkbox"/> Masonry | <input type="checkbox"/> Mechanical & Electrical Systems |
| <input checked="" type="checkbox"/> Structural Steel | <input type="checkbox"/> Architectural Systems |
| <input type="checkbox"/> Cold-Formed Steel Framing | <input type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone
1. Special Inspection	<i>David J. Tetreault, P.E. Structural Design Consulting, Inc.</i>	<i>22 Oakmont Drive Old Orchard Beach, ME 04064 207-934-8038</i>
2. Inspector	<i>Sebago Technics</i>	<i>One Chabot Street P.O. Box 1339 Westbrook, ME 04098-1339 (207) 856-0277</i>
3. Testing Agency	<i>S.W Cole Engineering, Inc</i>	<i>286 Portland Road Gray, ME 04039 207 657-2866</i>
4.		
5.		

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category	C
Quality Assurance Plan Required (Y/N)	Y

Description of seismic force resisting system and designated seismic systems:

The seismic force resisting system consists of ordinary reinforced masonry shearwalls as shown on Sheet S1. IBC/2003 Table 1617.6.2 Type IF.

1705.1.1 Q/A plan is required for the seismic force resisting system. Q/A plan consists of Special Inspections of Reinforced Concrete, Reinforced Masonry and, Steel Deck.

1705.1.2 refers to SDC D, E and F therefore Q/A plan not required

1705.1.3 refers to hazardous materials in ducts and piping and to emergency standby power. None present therefore Q/A plan not required.

1705.1.4 refers to SDC D therefore Q/A plan not required.

1705.1.5 refers to SDC E and F therefore Q/A plan not required

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust)	100 mph
Wind Exposure Category	C
Quality Assurance Plan Required (Y/N)	N

The building is in wind exposure Category C with a 3-sec gust basic wind speed less than 110 mph therefore a quality assurance plan for wind is not required (IBC/2003 Section 1706.1.1.2).

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the **Agency Number** on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.
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International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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Other

Item	Req'd YIN	Agency #	Scope
1. Shallow Foundations	Y	2	<p><i>inspect soils below footings for adequate bearing capacity and consistency with geotechnical report.</i></p> <p><i>inspect removal of unsuitable material and preparation of subgrade prior to placement of controlled fill</i></p>
2. Controlled Structural Fill	N		
3. Deep Foundations	N		
4. Load Testing	N		
4. Other	N		

Cast-in-Place Concrete

Item	Req'd YIN	Agency #	Scope
1. Mix Design	Y	1	Review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.
2. Material Certification	Y	1	Review certified mill test reports for reinforcing steel
3. Reinforcement Installation	Y	3	Inspect size, spacing, cover, positioning and grade of reinforcing steel. Verify that reinforcing bars are free of form oil or other deleterious materials. Inspect bar laps and mechanical splices. Verify that bars are adequately tied and supported on chairs or bolsters
4. Post-Tensioning Operations	N		
5. Welding of Reinforcing	N		
6. Anchor Rods	N		
7. Concrete Placement	Y		Inspect placement of concrete. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.
8. Sampling and Testing of Concrete	Y		
9. Curing and Protection	Y	3	Inspect curing, cold weather protection and hot weather protection procedures.
10. Other	N		

Masonry

Item	Req'd YIN	Agency #	Scope
1. Material Certification	Y	1	Review certified mill test reports for reinforcing steel
2. Mixing of Mortar and Grout	Y	3	Inspect proportioning, mixing and retempering of mortar and grout.
3. Installation of Masonry	Y	3	Inspect size, layout, bonding and placement of masonry units.
4. Mortar Joints	Y	3	Inspect construction of mortar joints including tooling and filling of head joints.
5. Reinforcement Installation	Y	3	Inspect placement, positioning and lapping of reinforcing steel. Inspect welding of reinforcing steel.
6. Prestressed Masonry	N		
7. Grouting Operations	Y	3	Inspect placement and consolidation of grout. Inspect masonry clean-outs for high-lift grouting.
7. Weather Protection	Y	3	Inspect cold weather protection and hot weather protection procedures. Verify that wall cavities are protected against precipitation.
9. Evaluation of Masonry Strength	Y	3	Test compressive strength of mortar and grout cube samples (ASTM C780). Test compressive strength of masonry prisms (ASTM C1314).
10. Anchors and Ties	N		
11. Other:	N		

Structural Steel

Item	Req'd YIN	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input type="checkbox"/> Fabricator Exempt	N		
2. Material Certification	N		
3. Open Web Steel Joists	N		
4. Bolting	N		
5. Welding	N		
6. Shear Connectors	N	N	
7. Structural Details	Y	I	<i>Inspect deck details for compliance with structural drawings, including connection details.</i>
8. Metal Deck	Y	3	<i>Inspect welding and side-lapfastening of metal roof and floor deck.</i>
9. Other:	N		

Please call 874-8703 or 874-8693 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 initialzing 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
- Re-Bar Schedule Inspection: Prior to pouring concrete
- Foundation Inspection: Prior to placing ANY backfill
- 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.

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,

N/A CERTIFICATE OF OCCUPANCIES MUST BE ISSUED PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED

Signature of Applicant/Designee

Date

Signature of Inspections Official

Date

PER. 46 B 028 Building Permit # 06 1256