

Form # P04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK
CITY OF PORTLAND

BUILDING DEPARTMENT
PERMIT

Please Read Application And Notes, If Any, Attached

PERMIT ISSUED
Permit Number: 050863
AUG - 1 2005
CITY OF PORTLAND

This is to certify that CITY OF PORTLAND /Landscape & Land Use
has permission to Structural Upgrades to 3rd floor
AT 174 ALLEN AVE

City 343 C013001

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 work on permit on procedure before this building or part thereof is altered or closed-in. FOUR 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. Capt Greg Cass 7-28-05
Health Dept. _____
Appeal Board _____
Other _____
Department Name

[Signature]
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 05-0863	Issue Date: PERMIT ISSUED AUG - 1 2005	343-C013001
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Location of Construction: 174 ALLEN AVE	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST	Phone:
Business Name:	Contractor Name: Langford & Low, Inc.	Contractor Address: PO Box 662 Portland	Phone: 207-775-1414
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	Zone:

Past Use: Public School/ PATHS	Proposed Use: flr	Permit Fee:	Cost of Work:	CEO District:	
Proposed Project Description: Structural Upgrades to 3rd flr		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>with conditions</i>	INSPECTION: Use Group: <i>B</i> Type: <i>25</i> <i>7/28/05</i>		
		Signature: <i>Chris Case</i>	Signature: <i>[Signature]</i>		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied					
		Signature:	Date:		

Permit Taken By: Idobson	Date Applied For: 06/27/2005	Zoning Approval		
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<p>1.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</p>	<p align="center">Special Zone or Reviews</p> <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"/>	<p align="center">Zoning Appeal</p> <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	<p align="center">Historic Preservation</p> <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
	>ate:	late:	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

JUN 27 2005

All Purpose Building Permit Application

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: 196 ALLEN AVE

Total Square Footage of Proposed Structure

Square Footage of Lot

Tax Assessor's Chart, Block & Lot

Owner:

Telephone:

Chart#

Block#

Lot#

PORTLAND PUBLIC SCHOOLS

1343

C

C13

Lessee/Buyer's Name (if Applicable)

Applicant name, address & telephone: DAVID REDLON
LANGFORD & LOW INC. 5141
248 WARREN AVE.
PORTLAND ME. 04104

Cost Of Work: \$ 94000.⁰⁰

Fee: \$ 876.

Current use: PUBLIC SCHOOL

1 797-5141

If the location is currently vacant, what was prior use: _____

Approximately how long has it been vacant: _____

Proposed use: PUBLIC SCHOOL ← Structural Upgrades to 3rd floor
Project description:

Contractor's name, address & telephone:

LANGFORD & LOW INC.
248 WARREN AVE. PORTLAND, ME. 04104

Who should we contact when the permit is ready: DAVID S. REDLON

Mailing address:

CELL PHONE 632-6199

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. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up.

PHONE:

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

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 has authorized me 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:

David S. Redlon

Date:

6/27/05

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

27066

JUN 27 2005

RECEIVED



allied engineering, inc.

Structural

Mechanical

Electrical

Technology

Statement of Special Inspections

Project: *PATHS - Third Floor Structural Reinforcement for File storage*

Location: *Allen Avenue, Portland Maine*

Owner: *Portland School Department*

Design Professional in Responsible Charge: *William P. Faucher, P.E. (ME # 7133)*

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
- Architectural
- Mechanical/Electrical/Plumbing
- 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: *2 to 3 weeks*

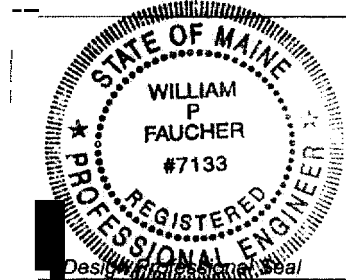
or per attached schedule.

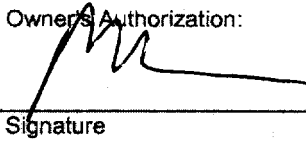
Prepared by:

William P. Faucher, P.E.
(type or print name)


Signature

June 22, 2005
Date



Owner's Authorization: 
Signature 6/23/05
Date

Building Official's Acceptance: _____
Signature _____
Date

Randy Stewart
Director, Business Services
Portland Public Schools

Schedule of Inspection and Testing Agencies



Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator	<i>Allied Engineering, Inc</i>	<i>One Westbrook Common Westbrook, ME 04092 (207)-854-8126 x107</i>
2. Testing Agency (Connections)	Elite Inspection Services	<i>220 Industrial Way Unit #1 Portland, ME 04103 (207) 797-2284</i>
3. Inspector		
4. Inspector		
5. Testing Agency		
6. Other		

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 *B*
Quality Assurance Plan Required (Y/N) *N/A*

Description of seismic force resisting system and designated seismic systems:

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) *90 MPH*
Wind Exposure Category *C*
Quality Assurance Plan Required (Y/N) *N/A*

Description of wind force resisting system and designated wind resisting components:

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)

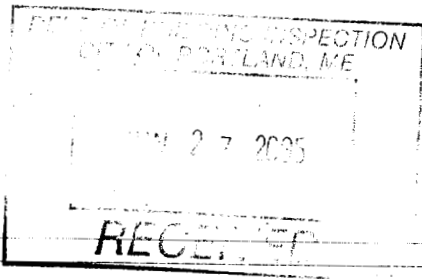
NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician – Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician – Levels I, II, III & IV

Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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Other

Item	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input type="checkbox"/> Fabricator Exempt	(1) PE/SE	Review shop fabrication and quality control procedures.
2. Material Certification	(1) PE/SE	Review certified mill test reports and identification markings on wide-flange shapes, high-strength bolts, nuts and welding electrodes
3. Open Web Steel Joists	(1,2)	Inspect installation, field welding and bridging of joists
4. Bolting	(2) AWS/AISC-SSI ICC-SWSI	Inspect installation and tightening of high-strength bolts. Verify that splines have separated from tension control bolts. Verify proper tightening sequence. Continuous inspection of bolts in slip-critical connections.
5. Welding	(2) AWS-CWI ASNT	Visually inspect all welds. Inspect pre-heat, post-heat and surface preparation between passes. Verify size and length of fillet welds. Ultrasonic testing of all full-penetration welds.
6. Shear Connectors	AWS/AISC-SSI ICC-SWSI	Inspect size, number, positioning and welding of shear connectors. Inspect studs for full 360 degree flash. Ring test all shear connectors with a 3 lb hammer. Bend test all questionable studs to 15 degrees.
7. Structural Details	(1,2) PE/SE	Inspect steel frame for compliance with structural drawings, including bracing, member configuration and connection details.



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

ACCESSIBILITY CERTIFICATE

Designer: AULED ENGR INC (STRUCTURAL) SEMPICE & DRAKE ARCHT. (ARCH)

Address of Project: 196 Allen Avenue, Portland, ME

Nature of Project: REINFORCE 3RD FLOOR FRAMING TO SUPPORT FILE STORAGE SPACE. MINOR REINFORCEMENTS REBAR - 2 PIECE X 10'S AND 10' REINFORC.

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.

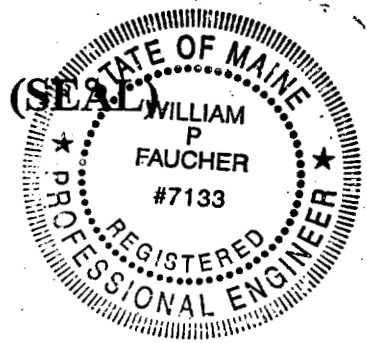
Signature: [Signature] WILLIAM FAUCHER

Title: PRINCIPAL

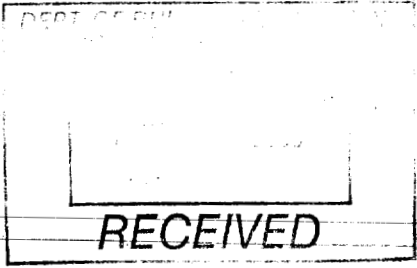
Firm: AULED ENGINEERING INC

Address: ONE WESTBROOK COMMON
Westbrook Maine 04092

Phone: 207-854-8126 x107



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.



CITY OF PORTLAND
 BUILDING CODE CERTIFICATE
 389 Congress St., Room 315
 Portland, Maine 04 101

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

FROM: William P. Faucher, P.E. - Allied Engineering, Inc

RE: Certificate of Design

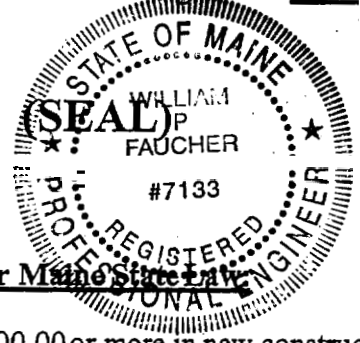
DATE: 6-24-05

These plans and/ or specifications covering construction work on:

Partial 2nd Floor - Portland Arts and Technology High School (PATHS)

Struct. Reinf for Fire Storage Support

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]

Title: Principal

Firm: Allied Eng. Inc

Address: One Westbrook Common
Westbrook ME 04092

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.



FROM DESIGNER: ALLEN ENGINEERING INC

DATE: 6-24-05

Job Name: PATHS - Floor AREA REINFOR FIRE STORAGE

Address of Construction: 196 Allen Avenue, Portland ME

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) E

Type of Construction _____

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC N/A

Is the Structure mixed use? No if yes, separated or non separated (see Section 302.3) _____

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

STRUCTURAL DESIGN CALCULATIONS

Submitted for all structural members (1003.1, 1003.1.1)

N/A

Live load reduction (1603.1.1, 1607.8, 1607.10)

N/A

Roof live loads (1603.1.2, 1607.11)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS (1603)

Roof snow loads (7603.7.3, 1608)

Uniformly distributed floor live loads (7603.11, 1607)

N/A

Ground snow load, P_g (1608.2)

Floor Area Use

Loads Shown

N/A

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

STORAGE

100 psf LL 27 psf DL

N/A

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

N/A

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

N/A

Roof thermal factor, C_t (Table 1608.3.2)

N/A

Sloped roof snowload, P_s (1608.4)

Wind loads (1603.1.4, 1609)



Design option utilized (1609.1.1, 1609.6)

Basic wind speed (1609.3)

N/A

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

N/A

Wind exposure category (1609.4)

N/A

Internal pressure coefficient (ASCE 7)

N/A

Component and cladding pressures (1609.1.1, 1609.6.2.2)

N/A

Main force wind pressures (7603.1.1, 1609.6.2.1)

Seismic design category (1616.3)

Basic seismic-force-resisting system (Table 1617.6.2)

Response modification coefficient, R , and deflection amplification factor, C_d (Table 1617.6.2)

Analysis procedure (1616.6, 1617.5)

Design base shear (1617.4, 1617.6.1)

Flood loads (1603.1.6, 1612)

N/A

Flood hazard area (1612.3)

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)

Design option utilized (1614.1)

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

Spectral response coefficients, S_{DS} & S_{D1} (1615.1)

Site class (1615.1.5)

No significant change anticipated to Building loads systems -

City of Portland, Maine - Building or Use Permit

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

Permit No: 05-0863	Date Applied For: 06/27/2005	CBL: 343 C013001
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Location of Construction: 174 ALLEN AVE	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST	Phone:
Business Name:	Contractor Name: Langford & Low, Inc.	Contractor Address: PO Box 662 Portland	Phone (207) 797-5 141
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	

Proposed Use: PATHS/ Structural Upgrades to 3rd flr	Proposed Project Description: Structural Upgrades to 3rd flr
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Comments:

7/26/2005-mjn: looking for egress definition, HVAC plans and past use of the space. Messages have been left for Doug Sherwood, Steven Drane and I spoke with the C.G.' rep, David Redlon.

Mike Nugent - 174 Allen Ave. PATHS

From: Mike Nugent
To: SDA@maine.rr.com
Subject: 174 Allen Ave. PATHS

Need a Statement of Special Inspections for the steel. Who will be doing the permit for the partition work and HVAC???