

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: Theodore Logan & Son Office and Warehouse

LOCATION: 34 Blueberry Road
Portland, Maine

OWNER: John Logan
P.O. Box 1260
Portland, ME 04101-1260

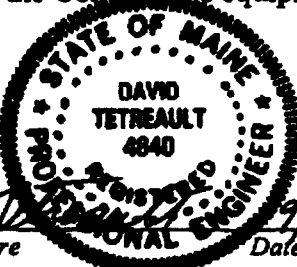
ARCHITECT OF RECORD: Phillip J. Doughty Associates
362 U.S. Route One
Falmouth, ME 04105

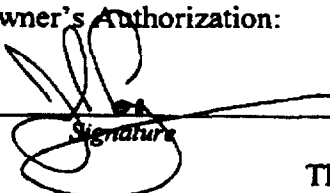
STRUCTURAL ENGINEER OF RECORD: Structural Design Consulting, Inc.
5 Balsam Lane
Falmouth, ME 04105


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 9/8/03
Signature Date

Owner's Authorization:  _____
Signature Date

Building Code Official's Acceptance  10/6/03
Signature Date

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Portland, Maine
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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:

Elite Inspection Services
200 Industrial Way
Portland, ME 04103

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.

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Portland, Maine
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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.
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	3	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	1	Review framing details for conformance with Contract Documents.

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Portland, Maine
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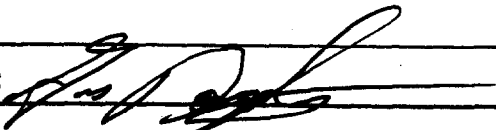
All Purpose Building Permit Application

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>34 BLUEBERRY Hill RD</u>		
Total Square Footage of Proposed Structure <u>10,000^{sq}</u>	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# <u>238</u> Block# <u>AA006</u> Lot#	Owner: <u>JOHN LOGAN</u>	Telephone: <u>(207) 774-6321</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>LANGFORD & LOW</u> <u>248 WARREN AVE</u> <u>Portland, ME. 04104</u> <u>(207) 797-5141</u>	Cost Of Work: \$ <u>760,000.</u> Fee: \$ <u>6861.00</u>
Current use: _____		
If the location is currently vacant, what was prior use: _____ <u>owes for lot</u>		
Approximately how long has it been vacant: _____		
Proposed use: <u>This Building will be used for Warehouse & Office</u>		
Project description:		
Contractor's name, address & telephone: <u>LANGFORD & LOW, 248 WARREN AVE. PORTLAND, ME 04104</u> <u>797-5141</u>		
Who should we contact when the permit is ready: <u>GUS DOUGHTY</u>		
Mailing address: <u>248 WARREN AVE.</u> <u>PORTLAND ME 04104</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. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>(207) 797-5141</u>		

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: 	Date: <u>8-13-03</u>
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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



**CITY OF PORTLAND
BUILDING CODE CERTIFICATE**
389 Congress St., Rm 318
Portland, ME 04101

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

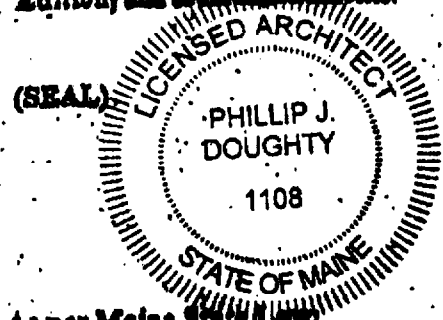
FROM: Phillip J. Doughty Associates - Architects

RE: Certificate of Design

DATE: August 13, 2003

These plans and/or specifications covering construction work on:
Theodore Logan & Son Office and Warehouse
34 Blueberry Road, Portland, ME

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.



Phillip J. Doughty
Signature Phillip J. Doughty

Title Principal/Architect

Firm Phillip Doughty Assoc. - Architects

Address 362 U.S. Route One
Falmouth, ME 04105

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

N.A. - Not applicable

34 BLUE BERRY ADMINISTRATION (Chapter 1)

Complete construction documents
(107.5, 107.6, 107.7)

Signed/sealed construction documents
(107.7, 114.1)

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

USE OR OCCUPANCY CLASSIFICATION (302.0-313.0)

Single Use Group

Specific occupancy areas (302.1.1)

Mixed Use Groups

Accessory areas (302.1.2)

B/SI

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)	<u>100%</u>
% Reduction for height (Table 506.4)	<u>- 0%</u>
% Increase for open perimeter (506.2)	<u>+150%</u>
% Increase for automatic sprinklers (506.3)	<u>200%</u>
Total percentage factor	<u>= 450%</u>
Conversion factor	<u>450/100 = 4.5</u> (Total percentage factor/100%)

Open perimeter (506.2)	<u>110</u> North	<u>120</u> East	<u>110</u> South	<u>120</u> West
Open perim.	<u>460</u> ft.	Perimeter <u>460</u> ft.		
% Open perimeter =	$\frac{10870}{(Open\ perim./perim.) \times 100\%}$			
% Tab. area increase = (506.2)	$2 \times 25\% = 150$ $\frac{2 \times (\% Open\ perim. - 25\%) }{2 \times (\% Open\ perim. - 25\%)}$			

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.

Actual floor area	<u>10,150</u> ft. ²	Actual building height	<u>1</u> feet <u>1</u> stories
Adjusted floor area*	<u>37,800</u> ft. ²	Allowable building height	<u>30</u> feet <u>1</u> stories

*Adjusted floor area = actual floor area/conversion factor

Permitted types of construction All Type of construction assumed for review (602.3) 2C

Using Table 503, identify the allowable height and area of each of the separated use groups within the building. Construction types that provide, for each story of the building, tabular areas which result in a sum of the ratios of 1.00 or less and allowable heights (as modified by Section 504.0) equal to or greater than the actual height of the use group are permitted.

Story	Use Group	Actual floor area	Adjusted floor area*	Actual height	Allowable height (Table 503)
1	SI	8466 ft ²	30000 ft ²	30 ft	30 ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft

*Adjusted floor area = actual floor area/conversion factor

CALCULATED AREA AS SI

$\sum \frac{\text{Adjusted floor area}^*}{\text{Allowable area (Table 503)}} = \text{---} + \text{---} + \text{---} + \text{---} = \text{---} \leq 1.00$

Permitted types of construction AC Type of construction assumed for review (602.3) 2C

UNLIMITED AREA ONE-STORY BUILDINGS

- SI Use group classification (507.1) _____ School buildings (507.1.1)
- SI Building height (story, feet) (507.1) _____ High-hazard use groups (507.1.2)
- SI Type of construction (507.1) _____ Exterior walls (507.2)
- _____ Automatic sprinkler system (507.1, 904.11)

MEZZANINES

- SI Area limitation (505.2) _____ Openness (505.4)
- SI Egress (505.3) _____

SPECIAL USE AND OCCUPANCY (Chapter 4)

COVERED MALL BUILDINGS

- SI Tenant separations (402.4)
- SI Egress (402.5)
- SI Mall width (402.6)
- SI Structural elements (402.7)
- SI Roof coverings (402.8)
- SI A-1, A-2 occupancy (402.9)
- SI Automatic sprinkler system (402.10)
- SI Standpipes (402.11)
- SI Fire department access (402.12)
- SI Kiosk requirements (402.14)

Parking structures (402.15)

HIGH-RISE BUILDINGS

- SI Automatic sprinkler system (403.2)
- SI Alternative sprinkler modifications (403.3)
- SI Automatic fire detection (403.4)
- SI Voice/alarm signaling systems (403.5)
- SI Fire department communication (403.6)
- SI Fire command station (403.7)
- SI Elevators (403.8)
- SI Standby systems (403.9)
- SI Stairway doors (403.10)

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 (405.0)
- Open parking structures (406.0)

- Private garages (407.0)
- Public garages (408.0)
- Use Group 1-2 (409.0)
- Use Group 1-3 (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)

- Exterior walls
- Interior elements 2C
- Roof

CONSTRUCTION DOCUMENTS (703.0)

- Fire tests (704.0)

EXTERIOR WALLS (507.2, 705.0, 716.5)

North East South West

Fire separation distance

30ft

- Loadbearing

- Nonloadbearing

- NA Exterior opening protectives (705.3, 706.0)

- NR Parapet walls (705.6)

FIRE SEPARATION ASSEMBLIES

- NONE Exit enclosures (709.0, 710.0, 1014.11)

- NONE Other shafts (709.0, 710.0)

- 2HR MASONRY 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

- Fire and party walls (707.0 and Table 707.1)
- Smoke barriers (712.0)
- Nonloadbearing partitions (Table 602)
- Interior loadbearing walls, columns, girders, trusses (716.0)
- Supporting construction (716.0)
- Floor construction (713.0, 1006.3.1)
- 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)

INTERIOR FINISHES (Chapter 8)

OCCUPANT NEEDS (Chapters 10, 11, 12)

MEANS OF EGRESS (Chapter 10)

OCCUPANT LOAD (1008.0 and Table 1008.1.2)

CAPACITY OF EGRESS COMPONENTS (1009.0 and Table 1009.2)

Location	Floor Area	Sq. ft./person	Occt. load	Other occt. loads	Total
1 S	8466	300	28.2		
1 B	1674		17		
46 PEOPLE					

Egress width (inch/occupant)

Stairways

Doors/ramps/corridors

CAPACITY

Location

Stairways

Doors/ramps corridors

Doors/ramps corridors

NONE SI.
 4 EXITS
 DOORS 36"
 B. 1 EXT: 36"

NUMBER OF EXITS (1010.0)

Location

Required

Shown

SI	2	4
B	1	1

DOOR 111?

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>N/A</u>	Ramps (1016.0)
<u>NONE</u>	Air movement in egress elements (1005.7)	<u>5</u>	Means of egress doorways (1017.0)
<u>OK</u>	Types and location of egress (1006.0)	<u>5</u>	Number of doorways (1017.2)
<u>OK</u>	Exit access travel distance (1006.5 and Table 1006.5)	<u>36' +</u>	Size of doors (1017.3)
<u>✓</u>	Accessible means of egress (1007.0)	<u>OK</u>	Door hardware (1017.4)
<u>NIR</u>	Emergency escape (1010.4)	<u>NONE</u>	Revolving doors (1018.0)
<u>NONE</u>	Exit access passageways and corridors (1011.0)	<u>NONE</u>	Horizontal exits (1019.0)
<u>NONE</u>	Aisles and accessways (1012.0)	<u>NONE</u>	Level of exit discharge passageway (1020.0)
<u>NONE</u>	Grandstands (1013.0)	<u>OK</u>	Guards (1021.0) <u>MEZZ?</u>
<u>NONE</u>	Interior stairways (1014.1 - 1014.11)	<u>N/A</u>	Handrails (1022.0) <u>N/A</u>
<u>NONE</u>	Exterior stairways (1014.1 - 1014.10, 1014.12)		Exit signs and lights (1023.0)
<u>NONE</u>	Smokeproof enclosures (1015.0)	<u>✓</u>	Means of egress lighting (1024.0)
			Access to roof (1027.0)

ACCESSIBILITY (Chapter 11)

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

HAVE LADDER ISSUES

INTERIOR ENVIRONMENT (Chapter 12)

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

BUILDING ENVELOPE (Chapters 14, 15)

EXTERIOR WALL COVERINGS (Chapter 14)

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

ROOFS AND ROOF STRUCTURES (Chapter 15)

EDDM PER ENGINEER

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>NA</i>	<input checked="" type="checkbox"/>

Performance requirements (1505.0)

Low-slope roof coverings (1507.5)

Fire classification (1506.0)

Flashing (1508.0)

Steep-slope roof coverings (1507.4)

Roof structures (1510.0)

STRUCTURAL SYSTEMS (Chapters 16, 17, 18)

STRUCTURAL LOADS (Chapter 16)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS (1603.1)

Uniformly distributed floor live loads (1603.2, 1606.0)

Floor Area Use	Loads Shown
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PER ENGINEER

Live load reduction (1603.2, 1606.7)

Roof live loads (1603.3, 1607.0)

Roof snow loads (1603.4, 1608.0)

Ground snow load, P_g (1608.3)

If $P_g > 10$ psf, flat-roof snow load, P_f (1608.4)

If $P_g > 10$ psf, snow exposure factor, C_e (Table 1608.4)

Sloped roof snowload, P_s (1608.5)

If $P_g > 10$ psf, snow load importance factor, I (Table 1609.5)

Wind loads (1603.5, 1609.0)

Basic wind speed (1609.3)

Wind exposure category (1609.4)

Wind importance factor, I (Table 1609.5)

Wind design pressure, P (1609.7)

Earthquake loads (1603.6, 1610.0)

Peak velocity-related acceleration, A_v (1610.1.3)

Peak acceleration, A_p (1610.1.3)

Seismic hazard exposure group (1610.1.5)

Seismic performance category (1610.1.7)

Soil-profile type (Table 1610.3.1)

Basic structural system and seismic-resisting system (Table 1610.3.3)

Response modification factor, R , and deflection amplification factor, C_d (Table 1610.3.3)

Analysis procedure (1610.4, 1610.5)

Other loads

Attic load (1606.2.2, 1606.2.3)

Partition loads (1606.2.4)

Concentrated loads (1606.3)

Impact loads (1606.6)

Misc. loads (1606.4, 1606.8, 1606.9, 1607.5, 1612.0)

STRUCTURAL DESIGN CALCULATIONS

Submitted for all structural members (107.7)

Signed/sealed (107.7, 114.1)

Deflection limits considered (1604.5)

STRUCTURAL DESIGN CALCULATIONS (continued)

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

MATERIAL PERFORMANCE (Chapter 17)

- | | | | |
|-------------------------------------|---|-------------------------------------|--|
| <input checked="" type="checkbox"/> | 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>NA</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>N/A</u> | Fireresistive materials (1705.12) |
| <input checked="" type="checkbox"/> | Concrete construction (1705.4) | <u>NA</u> | EIFS, wall panels and veneers (1705.10, 1705.13) |

FOUNDATIONS AND RETAINING WALLS (Chapter 18)

- | | | | |
|-------------------------------------|--|-------------------------------------|-------------------------------------|
| <u>Per 301</u> | Soil type (1611.0, 1802.1, 1804.1) | <input checked="" type="checkbox"/> | Foundations (1814.0 - 1824.0) |
| <u>2000 SF</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) | <u>N/A</u> | Waterproofing/dampproofing (1813.0) |
| <u>W/W/F</u> | Prepared fill (1804.1.1) | <input type="checkbox"/> | Retaining walls (1611.0, 1825.0) |
| <u>PAGE 5A</u> | Footings (1806.0 - 1811.0) | <input type="checkbox"/> | |

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

CONCRETE (Chapter 19)

- | | | | |
|-------------------------------------|--|--------------------------|---|
| <u>NA</u> | Plain, reinforced and prestressed concrete design/construction standard specified (1901.1, 1903.1.1) | <u>Per 1705 TESTS</u> | Minimum concrete strength (Table 1907.1.2(1)) |
| <input checked="" 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 checked="" type="checkbox"/> | Engineered masonry design/construction standard specified (2101.1.1) | <u>NA</u> | Cold-weather and hot-weather construction specified (2111.3, 2111.4) |
| <input checked="" type="checkbox"/> | Empirical masonry design (2101.1.2) | <u>NA</u> | Fireplaces and chimneys (2103.2, 2113.0 - 2117.0) |
| <input checked="" type="checkbox"/> | Construction materials (2104.0) | <input type="checkbox"/> | Glass block (2118.0) |
| <input checked="" type="checkbox"/> | Mortar type (2104.7) | <u>NA</u> | |

STEEL (Chapter 22)

Structural steel design/construction
standard specified (2203.1, 2203.2)

Shop drawing preparation specified
(2203.4)

Open-web steel joist design/construction
standard specified (2205.1)

Formed steel design/construction
standard specified (2206.1)

Formed steel member identification
(2206.6)

WOOD (Chapter 23)

Installation inspections (2301.2)

Design/construction standard specified
(2303.1)

Grade mark specified (2303.1.1)

Seismic bracing (2305.8)

Foundation anchorage (2305.17)

Wood structural panels (2307.0)

HEAVY TIMBER CONSTRUCTION

Minimum dimensions (605.1, 2304.0)

Design/construction standard specified
(2304.1)

Particleboard (2308.0)

Fiberboard (2309.0)

Fireretardant-treated wood (2310.0)

Decay and termite protection (2311.0)

WOOD FRAME CONSTRUCTION

Fastening and construction details
(2305.0, Table 2305.2)

Wind bracing design required (2305.7)

Joist hangers (2312.0)

Prefabricated components (2313.1, 2313.3.1, 2313.3.2)

Metal-plate-connected trusses (2313.3.1, 2313.3.2)

NONSTRUCTURAL MATERIALS (Chapters 24, 25, 26)

GLASS AND GLAZING (Chapter 24)

Skylights (2404.0)

Safety glazing (2405.0, 2406.0, 2407.0)

GYPSUM BOARD AND PLASTER (Chapter 25)

Gypsum board materials (2503.0, Table 2503.2, Table 2503.3)

Plaster (2504.0, 2505.0, 2506.0)

PLASTIC (Chapter 26)

Approved materials (2601.2)

Identification (2601.4)

Interior trim (2603.7)

Alternative approval (2603.8)

FOAM PLASTIC (2603.0)

Labeling (2603.2)

Surface-burning characteristics (2603.3)

Thermal barrier (2603.4)

Exterior walls (2603.5, 2603.6)

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)

Venting (3007.3 - 3007.6)

Elevator emergency operation (3006.2)

Opening protectives (3008.2)

Hoistway enclosure (3007.1)

Conveyors and escalators (3010.0, 3011.0)

SPECIAL DEVICES AND CONDITIONS (Chapters 31, 34)

SPECIAL CONSTRUCTION (Chapter 31)

Membrane structures (3108.0)

PEDESTRIAN WALKWAYS (3106.0)

Flood-resistant construction (3107.0)

Construction and use (3106.1 - 3106.3)

Towers (3108.0)

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)

Additions/alterations (3403.0, 3404.0)

Structural loads (1614.0, 3402.5)

Change of occupancy (1110.3, 3405.0)

Accessibility (1110.0, 3402.7)

Compliance alternative evaluation (3408.0)

BUILDING EVALUATION SUMMARY (Table 3408.7)

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

City of Portland, Maine - Building or Use Permit

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

Permit No: 03-1135	Date Applied For: 09/16/2003	CBL: 375 A023001
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Location of Construction: 94 Auburn St	Owner Name: 94 Auburn Llc	Owner Address: Po Box 2133	Phone: 207-774-6226
Business Name: n/a	Contractor Name: Allied/Cook Construction	Contractor Address: PO Box 1396 Portland	Phone: (207) 772-2888
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Additions - Commercial	

Proposed Use: Office / Adding interior elevator, sprinkler system, stair, corridor and office renovations.	Proposed Project Description: Adding interior elevator, sprinkler system, stair, corridor and office renovations.
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Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 09/23/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
Dept: Building	Status: Approved with Conditions	Reviewer: Mike Nugent	Approval Date: 10/07/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) L & L Structurals to fax a Special Inspection Scope with regard to the Steel / Block work MJN			
Dept: Fire	Status: Approved with Conditions	Reviewer: Lt. MacDougal	Approval Date: 09/24/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) the fire alarm system and sprinkler system shall be tested in accordance with the appropriate standard and the results submitted to the Portland Fire Department			
2) the sprinkler system shall be installed in accordance with NFPA 13 standards			
3) the elevator shall have firefighter recall			
4) the fire alarm system shall be installed in accordance with NFPA 72 standards			