

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)

<u>B/SI</u>	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)	<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 =	<u>100%</u>			
	(Open perim./perim.) x 100%			
% Tab. area increase = (506.2)	<u>2x 25% = 150</u>			
	2x(% 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. <sup>2</sup>	Actual building height	_____ feet	<u>1</u> stories
Adjusted floor area*	<u>37,800</u> <del>5419</del> ft. <sup>2</sup>	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	84000 ft <sup>2</sup>	30000 ft <sup>2</sup>	30 ft 8 stories	30 ft 7 stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories

\*Adjusted floor area = actual floor area/conversion factor

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

CALCULATED AREA AS SI

Permitted types of construction ALL 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 (505.6) \_\_\_\_\_

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)

HIGH-RISE BUILDINGS

- \_\_\_\_\_ Parking structures (402.15)
- 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 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)**

- 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 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)
- NR Tenant separations (711.0)
- NR 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)

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

- Per PFD Required (916.1)
- Connections (916.2)

YARD HYDRANTS

- Per PFD Fire hydrants (917.1)

FIRE ALARM SYSTEMS

- Per NFPA 75 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

- Per Approval (921.1)
- PPD 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) <b>MERZ?</b>
<u>NONE</u>	Interior stairways (1014.1 - 1014.11)	<u>N/A</u>	Handrails (1022.0) <b>N/A</b>
<u>NONE</u>	Exterior stairways (1014.1 - 1014.10, 1014.12)		Exit signs and lights (1023.0)
<u>NONE</u>	Smokeproof enclosures (1015.0)		Means of egress lighting (1024.0)
		<u>✓</u>	Access to roof (1027.0)

**ACCESSIBILITY (Chapter 11)**

<u>✓</u>	Required (1103.0)	<u>NIR</u>	Accessible entrances (1106.0)
<u>✓</u>	Accessible route (1104.0)	<u>NIR</u>	Special use groups (1107.0)
<u>✓</u>	Parking facilities (1105.0)	<u>NIR</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>	Ratproofing (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>	Paneling and veneers (1404.0, 1405.0)	<u>✓</u>	

**ROOFS AND ROOF STRUCTURES (Chapter 15)**

<u>✓</u>	Performance requirements (1505.0)	<u>✓</u>	Low-slope roof coverings (1507.5)
<u>✓</u>	Fire classification (1506.0)	<u>✓</u>	Flashing (1508.0)
<u>NA</u>	Steep-slope roof coverings (1507.4)	<u>✓</u>	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
<u>PER HANGOVER</u>	<u>EA</u>
_____	_____
_____	_____
_____	_____

Live load reduction (1603.2, 1606.7)

45%

Roof live loads (1603.3, 1607.0)

Roof snow loads (1603.4, 1608.0)

60 Ground snow load,  $P_g$  (1608.3)

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

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

NA Sloped roof snowload,  $P_s$  (1608.5)

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

Wind loads (1603.5, 1609.0)

85 Basic wind speed (1609.3)

C Wind exposure category (1609.4)

1.1 Wind importance factor,  $I$  (Table 1609.5)

18.5 Wind design pressure,  $P$  (1609.7)

Earthquake loads (1603.6, 1610.0)

111 Peak velocity-related acceleration,  $A_v$  (1610.1.3)

111 Peak acceleration,  $A_a$  (1610.1.3)

I Seismic hazard exposure group (1610.1.5)

C Seismic performance category (1610.1.7)

SI Soil-profile type (Table 1610.3.1)

CONC. BRACED FRAME Basic structural system and seismic-resisting system (Table 1610.3.3)

5/0/4.5 Response modification factor,  $R$ , and deflection amplification factor,  $C_d$  (Table 1610.3.3)

ELF Analysis procedure (1610.4, 1610.5)

Other loads

NA Attic load (1606.2.2, 1606.2.3)

NA Partition loads (1606.2.4)

NA Concentrated loads (1606.3)

NA Impact loads (1606.6)

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

**FOUNDATIONS AND RETAINING WALLS (Chapter 18)**

<u>Per Soil</u>	Soil type (1611.0, 1802.1, 1804.1)	<input checked="" type="checkbox"/>	Foundations (1814.0 - 1824.0)
<u>2000BSF</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)
<u>WJLF</u>	Prepared fill (1804.1.1)	<input type="checkbox"/>	Retaining walls (1611.0, 1825.0)
<u>PAGE SW</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)        *N/A*

       Formed steel design/construction standard specified (2206.1)

       Shop drawing preparation specified (2203.4)        *N/A*

       Formed steel member identification (2206.6)

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

### WOOD (Chapter 23)

       Installation inspections (2301.2)        *[Signature]*

       Seismic bracing (2305.8)

       Design/construction standard specified (2303.1)        *[Signature]*

       Foundation anchorage (2305.17)

       Grade mark specified (2303.1.1)        *[Signature]*

       Wood structural panels (2307.0)

#### HEAVY TIMBER CONSTRUCTION

       Particleboard (2308.0)

       Minimum dimensions (605.1, 2304.0)        *[Signature]*

       Fiberboard (2309.0)

       Design/construction standard specified (2304.1)        *[Signature]*

       Fireretardant-treated wood (2310.0)

       Decay and termite protection (2311.0)

#### WOOD FRAME CONSTRUCTION

       Joist hangers (2312.0)

       Fastening and construction details (2305.0, Table 2305.2)        *[Signature]*

       Prefabricated components (2313.1, 2313.3.1)

       Wind bracing design required (2305.7)        *[Signature]*

       Metal-plate-connected trusses (2313.3.1, 2313.3.2)

## NONSTRUCTURAL MATERIALS (Chapters 24, 25, 26)

### GLASS AND GLAZING (Chapter 24)

       *N/A* Skylights (2404.0)

       *N/A* Safety glazing (2405.0, 2406.0, 2407.0)

### GYPSUM BOARD AND PLASTER (Chapter 25)

       *[Signature]* Gypsum board materials (2503.0, Table 2503.2, Table 2503.3)

       *[Signature]* Plaster (2504.0, 2505.0, 2506.0)

### PLASTIC (Chapter 26)

       *[Signature]* Approved materials (2601.2)

#### FOAM PLASTIC (2603.0)

       *[Signature]* Identification (2601.4)

       *[Signature]* Labeling (2603.2)

       *[Signature]* Interior trim (2603.7)

       *[Signature]* Surface-burning characteristics (2603.3)

       *[Signature]* Alternative approval (2603.8)

       *[Signature]* Thermal barrier (2603.4)

       *[Signature]* 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 (3103.0)

#### 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 _____
Fireresistance rating of vertical opening enclosures _____	
Type of HVAC system _____	_____ serving number of floors _____

**City of Portland, Maine - Building or Use Permit Application**  
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

PERMIT ISSUED

Permit No: 03-0979	Issue Date: 003 09 2003	CBL: 238A A006001
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Location of Construction: 34 Blueberry Rd	Owner Name: Theodore Logan & Son Inc	Owner Address: 971 Congress St	Phone: 207-774-6321
Business Name: n/a	Contractor Name: Langford & Low, Inc.	Contractor Address: PO Box 662 Portland	Phone: 2077975141
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Commercial	Zone: IM

Past Use: Vacant	Proposed Use: Build New 10,000 sq. Ft. building for warehouse and office.	Permit Fee: \$6,936.00	Cost of Work: \$760,000.00	CEO District: 3
Proposed Project Description: Building New 10,000 sq. Ft. Building for warehouse and office.		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: B/S1 Type: 2C 10/13/03
		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	Signature: _____ Date: _____

Permit Taken By: gg	Date Applied For: 08/14/2003	<b>Zoning Approval</b>
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<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <i>N/A</i> <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <i>Panel 12 zone X</i> <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>2003-0134</i> Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM <input type="checkbox"/> Date: <i>8/15/03</i>	<b>Zoning Appeal</b> <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	<b>Historic Preservation</b> <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: _____
---	--	--	--

**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

# PLUMBING APPLICATION

Department of Human Sciences  
Division of Health Engineering

## PROPERTY ADDRESS

Town or Plantation	Portland
Street Subdivision Lot #	34 Blueberry Rd
<b>PROPERTY OWNERS NAME</b>	
Theodor Logan & Sons Warehouse	
Last: Logan	First: John
Applicant Name:	Raymond Veilleux
Mailing Address of Owner/Applicant (If Different)	71 Wade Rd Tay, Me 04229

2003-8325

PORTLAND Date Permit Issued:	09/23/03	8626	TOWN COPY	<input type="checkbox"/> Double Fee Charged
Local Plumbing Inspector Signature		\$	1132.00	FEE
		L.P.I. #	0641	

238A A 006

## Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspectors to deny a Permit.

Raymond Veilleux  
Signature of Owner/Applicant  
9/17/03  
Date

## Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Maine Plumbing Rules.

Local Plumbing Inspector Signature  
Date Approved

## PERMIT INFORMATION

<b>This Application is for</b>	<b>Type of Structure To Be Served:</b>	<b>Plumbing To Be Installed By:</b>
1. <input checked="" type="checkbox"/> NEW PLUMBING 2. <input type="checkbox"/> RELOCATED PLUMBING	1. <input type="checkbox"/> SINGLE FAMILY DWELLING 2. <input type="checkbox"/> MODULAR OR MOBILE HOME 3. <input type="checkbox"/> MULTIPLE FAMILY DWELLING 4. <input checked="" type="checkbox"/> OTHER - SPECIFY <u>Office/Warehouse</u>	1. <input checked="" type="checkbox"/> MASTER PLUMBER 2. <input type="checkbox"/> OIL BURNERMAN 3. <input type="checkbox"/> MFG'D. HOUSING DEALER/MECHANIC 4. <input type="checkbox"/> PUBLIC UTILITY EMPLOYEE 5. <input type="checkbox"/> PROPERTY OWNER LICENSE # <u>11653</u>

Hook-Up & Piping Relocation Maximum of 1 Hook-Up	Column 2		Column 1	
	Number	Type of Fixture	Number	Type of Fixture
HOOK-UP: to public sewer in those cases where the connection is not regulated and inspected by the local Sanitary District.  <b>OR</b>  HOOK-UP: to an existing subsurface wastewater disposal system.	1	Hoseblb / Sillcock		Bathtub (and Shower)
	7	Floor Drain	2	Shower (Separate)
<b>OR</b>  PIPING RELOCATION: of sanitary lines, drains, and piping without new fixtures.	1	Urinal	1	Sink
	1	Drinking Fountain	3	Wash Basin
		Indirect Waste	3	Water Closet (Toilet)
		Water Treatment Softener, Filter, etc.		Clothes Washer
		Grease / Oil Separator		Dish Washer
		Dental Cuspidor		Garbage Disposal
<b>OR</b>  TRANSFER FEE [\$6.00]		Bidet	1	Laundry Tub
		Other: _____	1	Water Heater
		Fixtures (Subtotal) Column 2	111	Fixtures (Subtotal) Column 1
			10	Fixtures (Subtotal) Column 2
			21	<b>Total Fixtures</b>
			\$10.00	Fixture Fee
				Transfer Fee
				Hook-Up & Relocation
			\$126.00	<b>Permit Fee (Total)</b>

SEE PERMIT FEE SCHEDULE FOR CALCULATING FEE

Handwritten notes and calculations at the bottom of the page, including "check #12302", "DOBES 116", and various numerical scribbles.

030999

# 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<sup>sq</sup></u>	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# <u>238</u> Block# <u>AA</u> Lot# <u>006</u>	Owner: <u>JOHN LOGAN</u>	Telephone: <u>(207) 774-6321</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>LANGFORD &amp; 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</u> <u>cost</u>		
Approximately how long has it been vacant: _____		
Proposed use: <u>This Building will be used for Warehouse &amp; Office</u> Project description:		
Contractor's name, address & telephone: <u>LANGFORD &amp; LOW, 248 WARREN AVE. PORTLAND,</u> <u>ME 04104 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>
---	----------------------

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 4<sup>th</sup> floor of City Hall

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

## BUILDING INSPECTION PERMIT

Permit Number: 030979

Please Read  
Application And  
Notes, If Any,  
Attached

This is to certify that Theodore Logan & Son Inc/Bangford &  
has permission to Building New 10,000 sq. Ft. Building for warehouse and office  
AT 34 Blueberry Rd PL 238A A006001

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 given and written permission procured before this building or part thereof leased or occupied. CLOSED-IN. HOURS 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. [Signature]  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name

[Signature] 10/3/03  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

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

2003-0134

Application I. D. Number

6/30/2003

Application Date

**Amendment to Plan - Office/Warehouse**  
Project Name/Description

**34 - 34 Blueberry Rd, Portland, Maine**

Address of Proposed Site

238A A006001

Assessor's Reference: Chart-Block-Lot

Theodore Logan & Son Inc

Applicant

971 Congress St, Portland, ME 04102

Applicant's Mailing Address

Consultant/Agent

Applicant Ph: (207) 774-6321 Agent Fax:

Applicant or Agent Daytime Telephone, Fax

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

Proposed Building square Feet or # of Units

Acreage of Site

IM

Zoning

**Check Review Required:**

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Site Plan<br>(major/minor)         | <input type="checkbox"/> Subdivision<br># 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<br>Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance                |  | <input type="checkbox"/> Other _____             |

Fees Paid: Site Pla \_\_\_\_\_ Subdivision \_\_\_\_\_ Engineer Review \_\_\_\_\_ Date \_\_\_\_\_

**Planning Approval Status:**

Reviewer **Kandi Talbot**

- Approved  Approved w/Conditions  
See Attached  Denied

Approval Date 8/8/2003 Approval Expiration 8/8/2004 Extension to \_\_\_\_\_  Additional Sheets  
Attached

OK to Issue Building Permit Kandi Talbot 9/4/2003  
signature date

Performance Guarantee  Required\*  Not Required

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

<input checked="" type="checkbox"/> Performance Guarantee Accepted	<u>9/3/2003</u> date	<u>\$235,636.00</u> amount	<u>8/29/2004</u> expiration date
<input checked="" type="checkbox"/> Inspection Fee Paid	<u>8/18/2003</u> date	<u>\$4,442.72</u> amount	
<input type="checkbox"/> Building Permit Issue	_____ date		
<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	expiration date
<input type="checkbox"/> Defect Guarantee Released	_____ date	signature	

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

2003-0134  
Application I. D. Number  
6/30/2003  
Application Date  
Amendment to Plan - Office/Warehouse  
Project Name/Description

Theodore Logan & Son Inc  
Applicant  
971 Congress St, Portland, ME 04102  
Applicant's Mailing Address

34 - 34 Blueberry Rd, Portland, Maine  
Address of Proposed Site  
238A A006001  
Assessor's Reference: Chart-Block-Lot

Consultant/Agent  
Applicant Ph: (207) 774-6321 Agent Fax:  
Applicant or Agent Daytime Telephone, Fax

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

Proposed Building square Feet or # of Units \_\_\_\_\_ Acreage of Site \_\_\_\_\_ IM  
Zoning \_\_\_\_\_

**Check Review Required:**

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Site Plan<br>(major/minor)         | <input type="checkbox"/> Subdivision<br># 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<br>Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance                |  | <input type="checkbox"/> Other _____             |

Fees Paid: Site Pla \_\_\_\_\_ Subdivision \_\_\_\_\_ Engineer Review \_\_\_\_\_ Date \_\_\_\_\_

**DRC Approval Status:**

Reviewer Sebago Technic

- Approved  Approved w/Conditions  
See Attached  Denied

Approval Date 8/8/2003 Approval Expiration 8/8/2004 Extension to \_\_\_\_\_  Additional Sheets  
Attached

Condition Compliance Kandi Talbot 9/4/2003  
signature date

Performance Guarantee  Required\*  Not Required

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

<input checked="" type="checkbox"/> Performance Guarantee Accepted	<u>9/3/2003</u> date	<u>\$235,636.00</u> amount	<u>8/29/2004</u> expiration date
<input checked="" type="checkbox"/> Inspection Fee Paid	<u>8/18/2003</u> date	<u>\$4,442.72</u> amount	
<input type="checkbox"/> Building Permit Issue	_____ date		
<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	expiration date
<input type="checkbox"/> Defect Guarantee Released	_____ date	signature	

**City of Portland, Maine - Building or Use Permit**

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

Permit No: 03-0979	Date Applied For: 08/14/2003	CBL: 238A A006001
-----------------------	---------------------------------	----------------------

Location of Construction: 34 Blueberry Rd	Owner Name: Theodore Logan & Son Inc	Owner Address: 971 Congress St	Phone: 207-774-6321
Business Name: n/a	Contractor Name: Langford & Low, Inc.	Contractor Address: PO Box 662 Portland	Phone: (207) 797-5141
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Commercial	

Proposed Use: Build New 10,000 sq. Ft. building for warehouse and office.	Proposed Project Description: Building New 10,000 sq. Ft. Building for warehouse and office.
--	---

<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Marge Schmuckal	<b>Approval Date:</b> 08/15/2003
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) Separate permits shall be required for any new signage.			
2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
<b>Dept:</b> Building	<b>Status:</b> Pending	<b>Reviewer:</b> Mike Nugent	<b>Approval Date:</b>
<b>Note:</b>			<b>Ok to Issue:</b> <input type="checkbox"/>
<b>Dept:</b> Fire	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Lt. MacDougal	<b>Approval Date:</b> 09/09/2003
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) fire extinguishers shall be installed in accordance with NFPA 10 standards			
2) the sprinkler system and fire alarm system shall be tested in accordance with the appropriate standard and the results shall be submitted to the Portland Fire Department			
3) the fire alarm system shall be installed in accordance with NFPA 72 standards			
4) the sprinkler system shall be installed in accordance with NFPA 13 standards			



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

2003-0134  
Application I. D. Number  
06/30/2003  
Application Date  
Amendment to Plan - Office/Warehouse  
Project Name/Description

Theodore Logan & Son Inc  
Applicant  
971 Congress St, Portland, ME 04102  
Applicant's Mailing Address

34 - 34 Blueberry Rd, Portland, Maine  
Address of Proposed Site  
238A A006001  
Assessor's Reference: Chart-Block-Lot

Consultant/Agent  
Applicant Ph: (207) 774-6321 Agent Fax:  
Applicant or Agent Daytime Telephone, Fax

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

Proposed Building square Feet or # of Units \_\_\_\_\_ Acreage of Site \_\_\_\_\_ IM \_\_\_\_\_  
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 Plan \_\_\_\_\_ Subdivision \_\_\_\_\_ Engineer Review \_\_\_\_\_ Date: \_\_\_\_\_

**Zoning Approval Status:**

Approved     Approved w/Conditions See Attached     Denied    Reviewer \_\_\_\_\_

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 Issued	_____ date _____		
<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 _____	_____ expiration date _____

**From:** Kandi Talbot  
**To:** Marge Schmuckal  
**Date:** Fri, Aug 15, 2003 1:38 PM  
**Subject:** Re: 34 Blueberry Rd - Logan bldg

Marge,

I have a plan, which has changed since January because they applied for an amendment since then. However, we don't have a performance gurantee at this time. I can bring you down a stamped plan if you want for your review, but I can't sign off on this until we get the performance guarantee. We probably should wait until we get the performance guarantee, so that no building permits are issued prior to that.

Kandi

>>> Marge Schmuckal 08/15 12:35 PM >>>

Kandi,

Do you have a stamped approved site plan for this new bldg? Is it the same as the original submittal I received in January? They have applied for a building permit and I am essentially ok with it as long as there have been no changes.

Marge

**CC:** Jay Reynolds

Applicant: Theodore Logan & Son, Inc Date: 8/15/03

Address: 34 Blueberry Rd

C-B-L: 238A-A-006

CHECK-LIST AGAINST ZONING ORDINANCE

Date -

Zone Location - I-M

Interior or corner lot -

Proposed Use/Work - Construct new Warehouse & office Bldg <sup>Paints</sup> 62' x 110' and 60' x 83'

Sewage Disposal - City

Lot Street Frontage - 60' min - ~200' shown

Front Yard - 1 foot for every 1 foot of height - 100' scalad  
18' req

Rear Yard - 1 foot for every 1 foot of height up to 25' - 189' scalad  
18' req

Side Yard - 1 foot for every 1 foot of height up to 25' - 30' & 39' shown  
10' req

Projections -

Width of Lot - N/A

Height - 75' MAX - 14' (offices) shown ~18' for warehouse

Lot Area - No min 79,957 sq ft given

Lot Coverage/ Impervious Surface - 75% MAX or 15,916.75% MAX  
~40% impervious shown  
my roughs of

Area per Family - N/A

Off-street Parking -  $1292 \div 400 = 3.23$  14 pkg spaces shown  
 $10581 \div 1000 = 10.58$  14 space req

Loading Bays - 2 loading bays shown  $74.5 \times 124 = 9238$

Site Plan - minor # 2003-0134

$2(38 \times 140) = 10640$   
 $18.70 \times 240 = 4,488$

Shoreland Zoning/ Stream Protection - N/A

$15.25 \times 240 = 3,660$   
 $23.5 \times 120 = 2,820$

Flood Plains - Panel 12 - Zone X

Signage requires separate permits  
Req PAVEMENT setback from boundaries = 10 feet  
15.25' & 18.70' shown  
off 30,046 sq ft + space

**From:** Marge Schmuckal  
**To:** Kandi Talbot  
**Date:** Fri, Aug 15, 2003 12:35 PM  
**Subject:** 34 Blueberry Rd - Logan bldg

Kandi,

Do you have a stamped approved site plan for this new bldg? Is it the same as the original submittal I received in January? They have applied for a building permit and I am essentially ok with it as long as there have been no changes.

Marge

**City of Portland, Maine - Building or Use Permit**

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

Permit No: 03-0979	Date Applied For: 08/14/2003	CBL: 238A A006001
-----------------------	---------------------------------	----------------------

Location of Construction: 34 Blueberry Rd	Owner Name: Theodore Logan & Son Inc	Owner Address: 971 Congress St	Phone: 207-774-6321
Business Name: n/a	Contractor Name: Langford & Low, Inc.	Contractor Address: PO Box 662 Portland	Phone: (207) 797-5141
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Commercial	

Proposed Use: Build New 10,000 sq. Ft. building for warehouse and office.	Proposed Project Description: Building New 10,000 sq. Ft. Building for warehouse and office.
--	---

<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Marge Schmuckal	<b>Approval Date:</b> 08/15/2003
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) Separate permits shall be required for any new signage.			
2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
<b>Dept:</b> Building	<b>Status:</b> Pending	<b>Reviewer:</b>	<b>Approval Date:</b>
<b>Note:</b>			<b>Ok to Issue:</b> <input type="checkbox"/>
<b>Dept:</b> Fire	<b>Status:</b> Pending	<b>Reviewer:</b>	<b>Approval Date:</b>
<b>Note:</b>			<b>Ok to Issue:</b> <input type="checkbox"/>

## BUILDING EVALUATION SUMMARY (continued)

Automatic fire detection:	Yes _____	No _____	type and location _____
Fire alarm system:	Yes _____	No _____	type _____
Smoke control:	Yes _____	No _____	type _____
Adequate exit routes:	Yes _____	No _____	Dead ends: Yes _____ No _____
Maximum exit access travel distance	_____		Elevator controls: Yes _____ No _____
Means of egress emergency lighting:	Yes _____	No _____	Mixed use groups: Yes _____ No _____

Safety parameters	Fire safety (FS)	Means of egress (ME)	General safety (GS)
3408.6.1 Building height			
3408.6.2 Building area			
3408.6.3 Compartmentation			
3408.6.4 Tenant and dwelling unit separations			
3408.6.5 Corridor walls			
3408.6.6 Vertical openings			
3408.6.7 HVAC systems			
3408.6.8 Automatic fire detection			
3408.6.9 Fire alarm system			
3408.6.10 Smoke control	****		
3408.6.11 Means of egress	****		
3408.6.12 Dead ends	****		
3408.6.13 Max. exit access travel distance	****		
3408.6.14 Elevator control			
3408.6.15 Means of egress emergency lighting	****		
3408.6.16 Mixed use groups		****	
3408.6.17 Sprinklers		+ 2 =	
3408.6.18 Specific occupancy area protection			
Building score — total value			

\*\*\*\* No applicable value to be inserted.

### BUILDING SAFETY EVALUATION SCORE (Table 3408.9)

Formula	Table 3408.7	Table 3408.8	Score	Pass	Fail
FS-MFS ≥ 0	_____ (FS)	- _____ (MFS)	= _____	_____	_____
ME-MME ≥ 0	_____ (ME)	- _____ (MME)	= _____	_____	_____
GS-MGS ≥ 0	_____ (GS)	- _____ (MGS)	= _____	_____	_____

FS = Fire Safety  
 ME = Means of Egress  
 GS = General Safety

MFS = Mandatory Fire Safety  
 MME = Mandatory Means of Egress  
 MGS = Mandatory General Safety



**STEEL (Chapter 22)**

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

N/A

Formed steel design/construction standard specified (2206.1)

Shop drawing preparation specified (2203.4)

N/A

Formed steel member identification (2206.6)

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

**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)

Particleboard (2308.0)

Fiberboard (2309.0)

Fireretardant-treated wood (2310.0)

Decay and termite protection (2311.0)

Joist hangers (2312.0)

Prefabricated components (2313.1, 2313.3.1)

Metal-plate-connected trusses (2313.3.1, 2313.3.2)

**HEAVY TIMBER CONSTRUCTION**

Minimum dimensions (605.1, 2304.0)

Design/construction standard specified (2304.1)

**WOOD FRAME CONSTRUCTION**

Fastening and construction details (2305.0, Table 2305.2)

Wind bracing design required (2305.7)

**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)





ROOFS AND ROOF STRUCTURES (Chapter 15)

*EDDM PER ENGINEER*

- Performance requirements (1505.0)
- Fire classification (1506.0)
- Steep-slope roof coverings (1507.4)
- Low-slope roof coverings (1507.5)
- Flashing (1508.0)
- 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

*PER ENGINEER*


Live load reduction (1603.2, 1606.7)

*40%*

Roof live loads (1603.3, 1607.0)

Roof snow loads (1603.4, 1608.0)

*60*

Ground snow load,  $P_g$  (1608.3)

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

*.7*

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

*NA*

Sloped roof snowload,  $P_s$  (1608.5)

*1.0*

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

Wind loads (1603.5, 1609.0)

*85*

Basic wind speed (1609.3)

*C*

Wind exposure category (1609.4)

*1.1*

Wind importance factor,  $I$  (Table 1609.5)

*18.5*

Wind design pressure,  $P$  (1609.7)

Earthquake loads (1603.6, 1610.0)

*1.1*

Peak velocity-related acceleration,  $A_v$  (1610.1.3)

*1.1*

Peak acceleration,  $A_a$  (1610.1.3)

*1*

Seismic hazard exposure group (1610.1.5)

*C*

Seismic performance category (1610.1.7)

*SI*

Soil-profile type (Table 1610.3.1)

*CONC. BRACED FRAME*

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

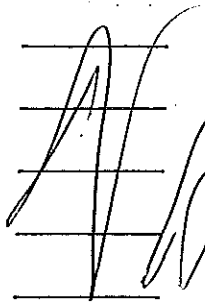
*5/0/4.5*

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

*ELF*

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)



## INTERIOR FINISHES (Chapter 8)

N
Smoke development (803.3.2)
Floor finish (805.0, 806.0)  
Flame spread (803.4)

## FIRE PROTECTION SYSTEMS (Chapter 9)

### FIRE SUPPRESSION SYSTEMS (Where required)

- Assembly (A-1, A-3, A-4) (904.2)
- Assembly (A-2) (904.3)
- Educational (E) (904.4)
- High-hazard (H) (904.5)
- Institutional (I) (904.6)
- Mercantile (M), Moderate-hazard storage (S-1), Factory and Industrial (F-1) (904.7)
- Residential (R-1) (904.8)
- Residential (R-2) (904.9)
- Windowless story (904.10)
- Specific occupancy areas (302.1.1, 904.11)
- Covered mall buildings (402.10)
- High-rise buildings (403.2)
- Atriums (404.2)
- Underground structures (405.3)
- Public garages (408.3.1)
- Sound stages (411.7)
- Stages and enclosed platforms (412.6)
- Special amusement buildings (413.4)
- HPM facilities (416.4)
- Paint spray booths and storage rooms (419.3)
- Unlimited area buildings (507.1)
- Exit lobbies (1020.3)
- Drying rooms (2806.4)
- Waste- and linen-chutes/termination rooms (2807.6)
- Refuse vaults (2808.4)

### FIRE SPRINKLER SYSTEMS

- NFPA 13 system (906.2.1)
- NFPA 13R system (906.2.2)
- NFPA 13D system (906.2.3)
- Design (906.3)
- Actuation (906.4)
- Sprinkler alarms (906.5)
- Sprinkler riser (906.7)

### LIMITED AREA SPRINKLER SYSTEMS

- Where permitted (907.2)
- Design (907.3)
- Actuation (907.4)
- Standpipe connection (907.6)
- Domestic supply (907.6.1)
- Cross connection (907.6.2)
- Shutoff valve (907.6.3)

### OTHER SUPPRESSION SYSTEMS

- Water-spray fixed systems (908.0)
- Carbon dioxide extinguishing systems (909.0)
- Dry-chemical extinguishing systems (910.0)
- Foam-extinguishing systems (911.0)
- Halogenated extinguishing systems (912.0)
- Clean agent fire extinguishing systems (913.0)
- Wet-chemical range hood extinguishing systems (914.0)



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	84000 ft <sup>2</sup>	30000 ft <sup>2</sup>	30 ft 8 stories	50 ft 6 stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories

\*Adjusted floor area = actual floor area/conversion factor

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

CALCULATED AREA AS SI

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

UNLIMITED AREA ONE-STORY BUILDINGS

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

MEZZANINES

- Area limitation (505.2)    Openness (505.4)
- Egress (505.8)

SPECIAL USE AND OCCUPANCY (Chapter 4)

COVERED MALL BUILDINGS

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

HIGH-RISE BUILDINGS

- Parking structures (402.15)
- Automatic sprinkler system (403.2)
- Alternative sprinkler modifications (403.3)
- Automatic fire detection (403.4)
- Voice/alarm signaling systems (403.5)
- Fire department communication (403.6)
- Fire command station (403.7)
- Elevators (403.8)
- Standby systems (403.9)
- Stairway doors (403.10)

**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

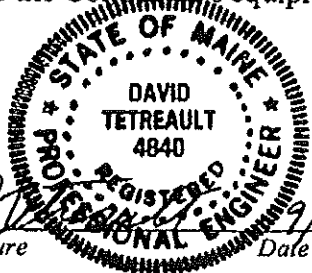
**ARCHITECT OF RECORD:** Phillip J. Doughty Associates  
362 U.S. Route One  
Falmouth, ME 04105

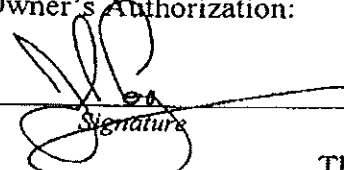
**STRUCTURAL ENGINEER OF RECORD:** Structural Design Consulting, Inc.  
5 Balsam Lane  
Falmouth, ME 04105

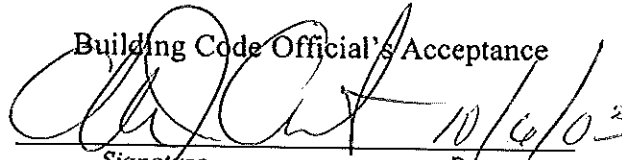
This Statement of Special Inspections is submitted as a condition of permit issuance in accordance with Section 1705.0 of the 1999 BOCA National Building Code. It includes a Schedule of Special Inspection Services applicable to this project as well as the name of the Special Inspector, and the names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

Theodore Logan & Son Office and Warehouse Facility  
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:**

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.*

Theodore Logan & Son Office and Warehouse Facility  
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.
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.

Theodore Logan & Son Office and Warehouse Facility  
Portland, Maine  
Page 3 of 3

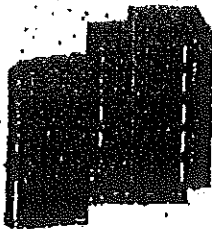
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CITY OF PORTLAND  
BUILDING CODE COMMISSION  
389 Congress St.,  
Portland, ME 04102

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

FROM: Phillip J. Doughty Association

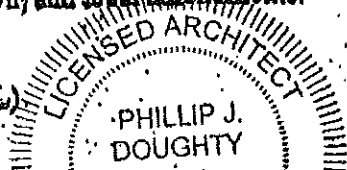
RE: Certificates of Design

DATE: August 13, 2003

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

Have been designed and drawn up by the undersigned  
architect/engineer according to the BOCA National Building Code  
Edition, and local amendments.

(SEAL)



Signature *Phillip J. Doughty* Ph

Title Princ

Phillip J. Doughty

*None*  
 Smoke development (803.3.2)  
 Flame spread (803.4)

FIRE PROTECTION SYSTEMS (Chapter 900)

FIRE SUPPRESSION SYSTEMS (Where required)

FIRE SPRINKLER SYSTEMS

Vertical grid lines for marking fire suppression systems.

- Assembly (A-1, A-3, A-4) (904.2)
- Assembly (A-2) (904.3)
- Educational (E) (904.4)
- High-hazard (H) (904.5)
- Institutional (I) (904.6)
- Mercantile (M), Moderate-hazard storage (S-1), Factory and Industrial (F-1) (904.7)
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- Sound stages (411.7)
- Stages and enclosed platforms (412.6)
- Special amusement buildings (413.4)
- HPM facilities (416.4)
- Paint spray booths and storage rooms

Vertical grid lines for marking fire protection systems, including a checkmark and a large 'X'.

LIMITED AREA

OTHER SUPPLEMENTAL

