



## Certificate of Design

Date:

2/20/07

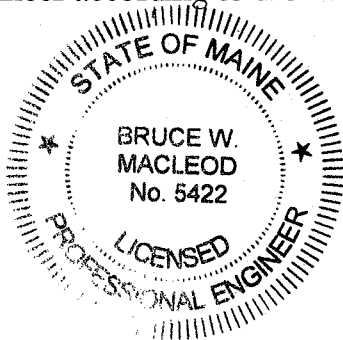
From:

Bruce W. MacLeod

These plans and / or specifications covering construction work on:

Tenant Fitup for Spurwink Services  
125 Presumpscot St.

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the **2003 International Building Code** and local amendments.



(SEAL)

Signature:

Bruce W. MacLeod

Title:

Professional Engineer

Firm:

MacLeod Structural Eng'g PA

Address:

404 Main St.  
Gorham, ME 04038

Phone:

839-0980

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)



# Accessibility Building Code Certificate

Designer: Bruce W MacLeod

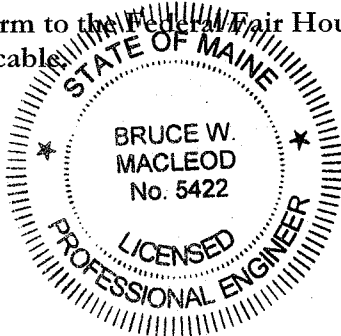
Address of Project: 125 Presumpscot St

Nature of Project: Tenant Fit up

\_\_\_\_\_

\_\_\_\_\_

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. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.



(SEAL)

Signature: Bruce W MacLeod

Title: Professional Engineer

Firm: MacLeod Structural Eng'g, PA

Address: 404 MAIN ST  
Gorham, ME 04038

Phone: 839-0980

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# Certificate of Design Application

From Designer:

Bruce W. MacLeod, P.E.

Date:

2/19/09

Job Name:

ROUND HOUSE FITUP - SPURWINK SERVICES

Address of Construction:

125 Presumpscot St.

## 2003 International Building Code

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

Building Code & Year 2003 IBC Use Group Classification (s) B (BUSINESS)

Type of Construction IV

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

Is the Structure mixed use? yes If yes, separated or non separated or non separated (section 302.3) \_\_\_\_\_

Supervisory alarm System? yes Geotechnical/Soils report required? (See Section 1802.2) NO

Structural Design Calculations (NO STRUCTURAL CHANGES) N/A Live load reduction  
N/A Submitted for all structural members (106.1 - 106.11)

### Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
<u>N/A</u>	

### Wind loads (1603.1.4, 1609)

Design option utilized (1609.1.1, 1609.6)  
Basic wind speed (1809.3)  
Building category and wind importance Factor,  $w$   
table 1604.5, 1609.5)  
Wind exposure category (1609.4)  
Internal pressure coefficient (ASCE 7)  
Component and cladding pressures (1609.1.1, 1609.6.2.2)  
Main force wind pressures (7603.1.1, 1609.6.2.1)

### Earth design data (1603.1.5, 1614-1623)

Design option utilized (1614.1)  
Seismic use group ("Category")  
Spectral response coefficients,  $S_D$  &  $S_{D1}$  (1615.1)  
Site class (1615.1.5)

N/A Live load reduction  
Roof live loads (1603.1.2, 1607.11)  
Roof snow loads (1603.7.3, 1608)  
Ground snow load,  $P_g$  (1608.2)  
If  $P_g > 10$  psf, flat-roof snow load,  $p_f$   
If  $P_g > 10$  psf, snow exposure factor,  $C_e$   
If  $P_g > 10$  psf, snow load importance factor,  $I_f$   
Roof thermal factor,  $C_t$  (1608.4)  
Sloped roof snowload,  $p_s$  (1608.4)  
Seismic design category (1616.3)  
Basic seismic force resisting system (1617.6.2)  
Response modification coefficient,  $R$ , and  
deflection amplification factor,  $C_d$  (1617.6.2)  
Analysis procedure (1616.6, 1617.5)  
Design base shear (1617.4, 1617.5.1)

### Flood loads (1803.1.6, 1612)

Flood Hazard area (1612.3)  
Elevation of structure

### Other loads

Concentrated loads (1607.4)  
Partition loads (1607.5)  
Misc. loads (Table 1607.8, 1607.6.1, 1607.7,  
1607.12, 1607.13, 1610, 1611, 2404)



# General 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:		
Total Square Footage of Proposed Structure/Area 2821 sq ft.		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot#	Applicant * <b>must</b> be owner, Lessee or Buyer* Name Address City, State & Zip	Telephone:
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ _____ C of O Fee: \$ _____ Total Fee: \$ _____
Current legal use (i.e. single family) _____ If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? _____ If yes, please name _____ Project description: _____		
Contractor's name: _____ Address: _____ City, State & Zip _____ Telephone: _____ Who should we contact when the permit is ready: _____ Telephone: _____ Mailing address: _____		

**Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.**

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature:

Date:

**This is not a permit; you may not commence ANY work until the permit is issue**