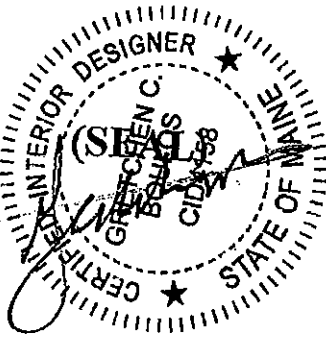




# Accessibility Building Code Certificate

Designer: Gretchen Boulos, NCIDQ  
 Address of Project: 22 Bramhall St. Portland ME  
 Nature of Project: Face lift of Doctor's lounge.  
New furniture, finishes.  
Modified power/data.

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.



Signature: Gretchen Boulos  
 Title: Certified Interior Designer  
 Firm: Boulos Commercial Design  
 Address: 1 Canal Plaza  
FL 5, Portland ME 04101  
 Phone: 207-749-1795  
 E-mail: gretchen@bouloscommercial  
design.com

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)



# Certificate of Design

Date: 3/2/16

From: Gretchen Boulos

These plans and / or specifications covering construction work on:  
Facilities Management - Renovation of  
a single room - staff lounge - New flooring,  
ceilings + wirebus.

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the **2009 International Building Code** and local amendments.

Signature: Gretchen Boulos

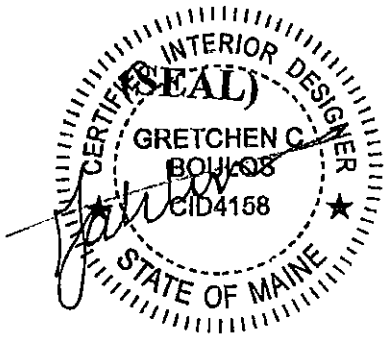
Title: Certified Interior Designer

Firm: Boulos Commercial Design

Address: 1 Canal Plaza  
FL 5, Portland ME

Phone: 207-749-1795

E-mail: gretchen@bouloscommercialdesign.com



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)



# Certificate of Design Application

From Designer:

Gretchen Boulos

Date:

Job Name:

Maine Medical Center's Doctor's Lounge

Address of Construction:

22 Bramhall St. Portland ME

## 2009 International Building Code

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

Building Code & Year IBC 2009

Use Group Classification (s) Business

Type of Construction IIA

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IRC Yes

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

Supervisory alarm System? N Geotechnical/Soils report required? (See Section 1802.2) N/A

### Structural Design Calculations

N/A Submitted for all structural members (106.1 - 106.11)

### Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.1.1, 1807)

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

### Wind loads (1603.1.4, 1609)

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

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

- N/A Design option utilized (1614.1)
- N/A Seismic use group ("Category")
- N/A Spectral response coefficients,  $S_s$  &  $S_1$  (1615.1)
- N/A Site class (1615.1.5)

- ~~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  $s_f$~~
- ~~If  $P_g > 10$  psf, snow exposure factor,  $C_e$~~
- ~~If  $P_g > 10$  psf, snow load importance factor,  $I_s$~~
- ~~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)~~