



Accessibility Building Code Certificate

Designer: Richard Pizzi, CEO Lavallee Brensinger Architects

Address of Project: Maine Medical Center, 22 Bramhall St. Portland, Maine 04102

Nature of Project: Renovations to existing Special Care Unit 2 (SCU2) on the
Ground floor of the Bean Building at Maine Medical Center.
No change in egress from existing conditions.

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: 

Title: CEO

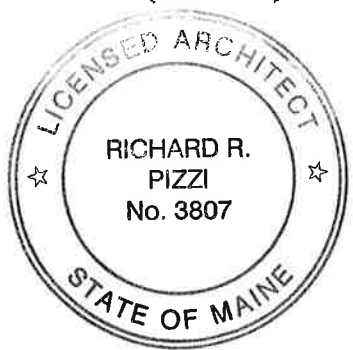
Firm: Lavallee Brensinger Architects

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Portland, Maine 04101

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E-mail: Richard.Pizzi@lbpa.com

(SEAL)



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Certificate of Design Application

From Designer: Richard Pizzi - Lavallee Brensinger Architects

Date: 01/26/16

Job Name: MMC SCU2 Renovations

Address of Construction: 22 Bramhall St, Portland, Maine, 04101 (Bean Building - Ground floor)

2009 International Building Code

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

Building Code & Year IBC-2012 Use Group Classification (s) 1-2

Type of Construction Existing 1-A

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? No 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

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
Existing loading not modified	

Wind loads (1603.1.4, 1609)

<u>N/A</u>	Design option utilized (1609.1.1, 1609.6)
	Basic wind speed (1809.3)
	Building category and wind importance Factor, I_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)

<u>N/A</u>	Design option utilized (1614.1)
	Seismic use group ("Category")
	Spectral response coefficients, S_x & S_y (1615.1)
	Site class (1615.1.5)

<u>N/A</u>	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_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)

<u>N/A</u>	Flood Hazard area (1612.3)
	Elevation of structure

Other loads

<u>N/A Existing</u>	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)

Arch.



Certificate of Design

Date: 1/26/16

From: Richard Pizzi - Lavallee Brensinger Architects

These plans and / or specifications covering construction work on:
Special Care Unit 2 (SCU2) Maine Medical Center, 22 Bramhall St. Portland, Maine 04102
Bean Building - Ground Floor

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: 

Title: CEO

Firm: Lavallee Brensinger Architects

Address: 305 Commercial St.
Portland, Maine 04101

Phone: (207) 558-7200

E-mail: Richard.Pizzi@lbpa.com



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