



Certificate of Design Application

From Designer: Michael Charek Architects
 Date: June 3, 2011
 Job Name: Muslim Community Center
 Address of Construction: 118 Anderson Street, Portland, ME 04101

2009 International Building Code

~~2003 International Building Code~~

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

Building Code & Year IBC 2009 Use Group Classification (s) A Assembly / B Business
 Type of Construction II-B
 Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC No
 Is the Structure mixed use? Yes If yes, separated or non separated or non separated (section 302.3) Non separated
 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
<u>N/A</u>	<u>N/A</u>

Wind loads (1603.1.4, 1609)

N/A 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)

N/A 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_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_{d1} (1617.6.2)
Analysis procedure (1616.6, 1617.5)
Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)

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

Other loads

N/A 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)



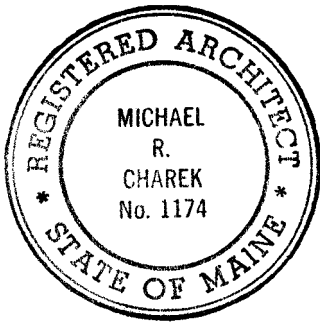
Accessibility Building Code Certificate


Designer: Michael Charek Architects

Address of Project: 118 Anderson Street

Nature of Project: Renovation of existing Muslim Community Center
to enlarge prayer room and provide new accessible
toilet rooms and entrance.

To the best of my knowledge and belief,
 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: Principal

Firm: Michael Charek Architects

Address: 25 Hartley Street
Portland, ME 04103

Phone: 207-761-0556

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov



Certificate of Design


Date: June 3, 2011

From: Michael Charek Architects

To the best of my knowledge and belief,
These plans and / or specifications covering construction work on:

Renovation of existing Muslim Community Center to enlarge prayer room and
provide new accessible toilet rooms and entrance.

Have been designed and drawn up by the undersigned, a Maine registered Architect /
Engineer according to the ~~2003 International Building Code~~ and local amendments.
2009 International Building Code

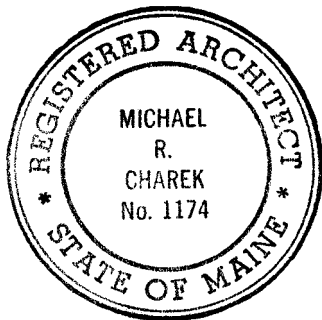
Signature: 

Title: Principal

Firm: Michael Charek Architects

Address: 25 Hartley Street
Portland, ME 04103

Phone: 207-761-0556



**For more information or to download this form and other permit applications visit the Inspections Division
on our website at www.portlandmaine.gov**