Certificate of Design Application

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/21/14

From Designer: Carol Morrissette

Date: 9/15/14

Job Name: 80-90 Middle Street Renovation

Address of Construction: 80-90 Middle Street

2009 International Building Code

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

Building Code & Year IBC 2009 Use Group Classification (s) ASSEMBLY GROUP A-2

Type of Construction II-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? YES If yes, separated or non separated or non separated (section 302.3) SEPARATED BY STORY ONLY

Supervisory alarm System? YES 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 (7603.11, 1807)

Floor Area Use	Loads Shown

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, 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)

____ Design option utilized (1614.1)

____ Seismic use group ("Category")

____ Spectral response coefficients, S_{DS} & S_{D1} (1615.1)

____ 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 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_i and deflection amplification factor C_d (1617.6.2)

____ Analysis procedure (1616.6, 1617.5)

____ Design base shear (1617.4, 16175.5.1)

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

Accessibility Building Code Certificate

Reviewed for Code Compliance
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Date: 11/21/14

Designer: CAROL MORRISSETTE

Address of Project: 80-90 MIDDLE STREET

Nature of Project: INTERIOR RENOVATION OF FORMER PEPPERCLUB & SHARED KITCHEN SPACE;

ADDITION OF ADA BATH AND NEW SEATING TO EVENTIDE RESTAURANT;

AND CHANGE OF USE FOR 668 SF FROM MERCANTILE TO ASSEBLY

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.

STATE OF MAINE
SHAWN CHRISTOPHER DOLLEY
3112
REGISTERED ARCHITECT

Signature: com.apple.idms.appleid.prd.6b5167574d716d5470367a526 96d432f776d6c4c4a773d3d

Digitally signed by com.apple.idms.appleid.prd.6b5167574d716d5470367a526 96d432f776d6c4c4a773d3d
DN: cn=com.apple.idms.appleid.prd.6b5167574d716d5470367a526 96d432f776d6c4c4a773d3d
Date: 2014.09.14 19:56:53 -04'00'

Title: Principal

Firm: Residential Design Studio, LLC

Address: 174 Danforth St.
Portland, ME 04102

Phone: 207-699-4184

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

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Date: 11/21/14

Date: 9/15/14

From: RESIDENTIAL DESIGN STUDIO, LLC

These plans and / or specifications covering construction work on:

80-90 MIDDLE STREET: HUGO'S, EVENTIDE, & NEW CONCEPT RESTUARANT INTERIOR RENOVATIONS INCLUDING NEW SHARED KITCHEN; NEW ADA BATHROOM W/

ADDITIONAL EVENTIDE SEATING; NEW CONCEPT RESTAURANT; AND CHANGE OF USE FOR 668 SF FROM MERCANTILE TO ASSEMBLY. EACH RESTAURANT'S OCCUPANCY REMAINS BELOW 50.

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

STATE OF MAINE
SHAWN CHRISTOPHER DOLLEY
3112
REGISTERED ARCHITECT

Signature: com.apple.idms.appleid.prd.6b5167574d716d5470367a5296d432f776d6c4c4a773d3d

Digitally signed by com.apple.idms.appleid.prd.6b5167574d716d5470367a5296d432f776d6c4c4a773d3d
DN: cn=com.apple.idms.appleid.prd.6b5167574d716d5470367a5296d432f776d6c4c4a773d3d
Date: 2014.09.14 20:03:49 -04'00'

Title: Principal

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Portland, ME 04102

Phone: 207-699-4184

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