

From Designer:

## Certificate of Design Application

Date: August 5	2015
Job Name: 135 WALTON S	TREET
Address of Construction: 135 WALTON ST	, PORTLAND ME
<b>2009 International</b> Construction project was designed to the	S
Building Code & Year EBC Use Group Classification	1(s) FR B
Type of Construction	
Will the Structure have a Fire suppression system in Accordance with S	Section 903.3.1 of the 2009 IRC
Is the Structure mixed use? YKS If yes, separated or non separated	· · · · · · · · · · · · · · · · · · ·
	equired? (See Section 1802.2)
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Structural Design Calculations	Live load reduction
Submitted for all structural members (106.1 – 106.11)	Roof live loads (1603.1.2, 1607.11)
Design Loads on Construction Documents (1603) Uniformly distributed floor live loads (7603.11, 1807) Floor Area Use Loads Shown	Roof snow loads (1603.7.3, 1608)
	Ground snow load, Pg (1608.2)
	If $Pg > 10$ psf, flat-roof snow load $pf$
	If $Pg > 10$ psf, snow exposure factor, $C_{\ell}$
	If $Pg > 10$ psf, snow load importance factor, $I_0$
	Roof thermal factor, ((1608.4)
	Sloped roof snowload, P <sub>s</sub> (1608.4)
Wind loads (1603.1.4, 1609)	Seismic design category (1616.3)
Design option utilized (1609.1.1, 1609.6)	Basic seismic force resisting system (1617.6.2)
Basic wind speed (1809.3)	Response modification coefficient, $_{R^{\prime}}$ and
Building category and wind importance Factor, h. table 1604.5, 1609.5	deflection amplification factor <sub>(d)</sub> (1617.6.2)
Wind exposure category (1609.4)	Analysis procedure (1616.6, 1617.5)
Internal pressure coefficient (ASCE 7)	Design base shear (1617.4, 16175.5.1)
Component and cladding pressures (1609.1.1, 1609.6.2.2) Main force wind pressures (7603.1.1, 1609.6.2.1)	Flood loads (1803.1.6, 1612)
Earth design data (1603.1.5, 1614-1623)	Flood Hazard area (1612.3)
Design option utilized (1614.1)	Elevation of structure
Seismic use group ("Category")	Other loads
Spectral response coefficients, S& & SDI (1615.1)	Concentrated loads (1607.4)
Site class (1615.1.5)	Partition loads (1607.5)
• •	Misc. loads (l'able 1607.8, 1607.6.1, 1607.7,

1607.12, 1607.13, 1610, 1611, 2404