

Certificate of Design Application

From Designer:	Winton Scott Architects, 5 Milk Street, Portland, ME 04101	
Date:	8/7/14	
Job Name:	City of Portland Public Facilities Operations Center renovations	
Address of Construction:	212 Canco Road, Portland	

2009 International Building Code

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

Building Code & Year IBC/IEBC/NFPA Use Group Classification	_{1 (s)} F1 / S2
Type of Construction Type IIIB	
Will the Structure have a Fire suppression system in Accordance with S	ection 903.3.1 of the 2009 IRC YES
- VEO	trated or non separated (section 302.3) NON_SEPARATED
NEO VEO	quired? (See Section 1802.2) NO
Structural Design Calculations	Live load reduction
Submitted for all structural members (106.1 – 106.11)	Roof live loads (1603.12, 1607.11)
	Roof snow loads (1603.7.3, 1608)
Design Loads on Construction Documents (1603) Uniformly distributed floor live loads (7603.11, 1807)	Ground snow load, Pg (1608.2)
Floor Area Use Loads Shown	If Par 10 psf, flat-roof snow load p
——————————NOT APPLICABLE- ——————————NO STRUCTURAL WO	
BEING UNDERTAKEN	If $Pg > 10$ psf, snow load importance factor, I_0
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	Roof thermal factor, _G (1608.4)
Wind loads (1603.1.4, 1609)	Sloped roof snowload,p ₅ (1608.4)
Design option utilized (1609.1.1, 1609.6)	Seismic design category (1616.3)
Basic wind speed (1809.3)	Basic seismic force resisting system (1617.6.2)
Building category and wind importance Factor,	Response modification coefficient, Ry and
table 1604.5, 1609.55 Wind exposure category (1609.4)	deflection amplification factor (d) (1617.6.2)
Internal pressure coefficient (ASCE 7)	Analysis procedure (1616.6, 1617.5)
Component and cladding pressures (1609.1.1, 1609.6.2.2)	Design base shear (1617.4, 16175.5.1)
Main force wind pressures (7693.1.1, 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 ase group ("Category")	Other loads
Spectral response coefficients, SDs & SDI (1615.1)	Concentrated loads (1607.4)
Site class (1615.1.5)	Partition loads (1607.5)
	Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404