

Certificate of Design Application

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Date: 12 19 12	
Job Name: Port City Glass	
Address of Construction: 50 India St,	Postland, ME
2009 International Construction project was designed to	
Building Code & Year TBC 2009 Use Group Classificati	
Type of Construction V(6)	
Will the Structure have a Fire suppression system in Accordance with	h Section 903.3.1 of the 2009 IRC
Is the Structure mixed use? If yes, separated or non se	eparated or non separated (section 302.3)
Supervisory alarm System?Geotechnical/Soils report	t required? (See Section 1802.2)
Structural Design Calculations	Live load reduction
NA Submitted for all structural members (106.1 – 106.11)	Roof live loads (1603.1.2, 1607.11)
Davies I and an Company in Davies are	39 psf_Roof snow loads (1603.7.3, 1608)
Design Loads on Construction Documents (1603) Uniformly distributed floor live loads (7603.11, 1807) Floor Area Use Loads Shown	50 psf Ground snow load, Pg (1608.2)
	If $Pg > 10$ psf, flat-roof snow load pf
	If $Pg > 10$ psf, snow exposure factor, G
	If $P_g > 10$ psf, snow load importance factor,
	Roof thermal factor, G (1608.4)
	Sloped roof snowload, p _r (1608.4)
Wind loads (1603.1.4, 1609)	Seismic design category (1616.3)
MWFLS Design option utilized (1609.1.1, 1609.6)	Basic seismic force resisting system (1617.6.2)
100 MPH Basic wind speed (1809.3)	Response modification coefficient, $_{R'}$ and
Building category and wind importance Factor, by table 1604.5, 1609.5)	deflection amplification factor (d (1617.6.2)
Wind exposure category (1609.4)	Analysis procedure (1616.6, 1617.5)
† . 18Internal pressure coefficient (ASCE 7)	Design base shear (1617.4, 16175.5.1)
19, ± 22 ps. Component and cladding pressures (1609.1.1, 1609.6.2.2)	Flood loads (1803.1.6, 1612)
Main force wind pressures (7603.1.1, 1609.6.2.1)	Flood Hazard area (1612.3)
Earth design data (1603.1.5, 1614-1623)	Elevation of structure
Design option utilized (1614.1)	Other loads
Scismic use group ("Category") Spectral response coefficients, SDs & SDI (1615.1)	Concentrated loads (1607.4)
Spectral response coefficients, SLE& SDI (1015.1) Site class (1615.1.5)	Partition loade (1607.5)
One ones (costs)	Misc. loads (l'able 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404