

Certificate of Design Application

From Designer:

Date:

Date:

Job Name:

Address of Construction:

Adsociated design partners, INC

8-5-14

P.H. Warren Ave LLC (Holmes #3)

421 WARREN AVE, PORTLAND MAINE

2009 International Building Code

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

Building Code & Year 2009 IBC Use Group Classification	(s) Mixed		
Type of Construction V-B			
Will the Structure have a Fire suppression system in Accordance with S	ection 903.3.1 of the	e 2009 IBC Y	
Is the Structure mixed use? Y If yes, separated or non separated	rated or non separa	ted (section 302.3) Separated	
Supervisory alarm System? Y Geotechnical/Soils report re	quired? (See Section	n 1802.2)	
Structural Design Calculations	NO	Live load reduction	
Design Loads on Construction Documents (1603) Uniformly distributed floor live loads (7603.11, 1807) Floor Area Use Loads Shown Light Warehouse 125 PSF	20	Roof live loads (1603.1.2, 1607.11)	
	42+unbal	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, G If $Pg > 10$ psf, snow load importance factor, fg	
	60		
	40		
	4		
	1.0	-	
	114	Roof thermal factor, G(1608.4)	
Wind loads (1603.1.4, 1609)	C	Sloped roof snowload, P ₃ (1608.4)	
ANALYTICAL Design option utilized (1609.1.1, 1609.6)	OSMF/OCBF	Seismic design category (1616.3)	
94 Basic wind speed (1809.3)	(3/3)	Basic seismic force resisting system (1617.6.2)	
1.0 Building category and wind importance Factor, lp		Response modification coefficient, Ry and	
B table 1604.5, 1609.5) " Wind exposure category (1609.4)	ASCE 12.8.1	deflection amplification factor _G (1617.6.2)	
+/- 0.18 Internal pressure coefficient (ASCE 7)	26k	Analysis procedure (1616.6, 1617.5)	
PER ASCE BASED ON FWAnt and cladding pressures (1609.1.1, 1609.6.2.2) 12PSF		Design base shear (1617.4, 16175.5.1)	
		Flood loads (1803.1.6, 1612)	
Earth design data (1603.1.5, 1614-1623) ASCE 12.8.1 Design option utilized (1614.1)	NA	Flood Hazard area (1612.3)	
Design option dunced (1014.1)	*****	Elevation of structure	
Scismic use group ("Category") 0.41 / .18 Second argument and Given the control of the control o	Other loads		
Spectral response coefficients, SDs & SDI (1615.1) E Site class (1615.1.5)	NA NA	Concentrated loads (1607.4) Partition loads (1607.5)	
	NA NA		
	1 17 1	Misc. loads (Yable 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404	