

## Certificate of Design Application

ASSOCIATED DESIGN PARTNERS, INC

Date: Job Name: Address of Construction:		12-28-15			
		ACADEMY FOR ACTIVE LEARNERS- NEW BUILDING			
		134 WARREN AVE, PORTLAND MAINE 04103			
C		2009 International ction project was designed to the	_	ia listed below:	
Building Code & Year Type of Construction	2009 II II B	BC Use Group Classification	n (s)E		
, .	re cumn	ression system in Accordance with S	Section 903.3.1 of the 3	2009 TBC N	
		If yes, separated or non sep			
		-	-		
Supervisory alarm System? _	1	Geotechnical/Soils report r	equired? (See Section 1	802.2)	
Structural Design Calculations			NO	Live load reduction	
Submitted for all structural members (106.1 – 106.11)			20	Roof live loads (1603.1.2, 1607.11)	
			42+UNBAL	_ Roof snow loads (1603.7.3, 1608)	
Design Loads on Construction Documents (1603)			60	_ Ground snow load, Pg (1608.2)	
Uniformly distributed floor liv Floor Area Use		7603.11, 1807) ads Shown	40	If $Pg > 10$ psf, flat-roof snow load $pf$	
	100 pcf	school corridor	4	If $P_g > 10$ psf, snow exposure factor, $G$	
	100 psi		4.40	_ If $Pg > 10$ psf, snow load importance factor, $T_0$	
			1.0	Roof thermal factor, $G$ (1608.4)	
			NA	_ Sloped roof snowload,p <sub>3</sub> (1608.4)	
Wind loads (1603.1.4, 1609)			В	Seismic design category (1616.3)	
ANALYTICAL Design option utilized (1609.1.1, 1609.6)			OSCBF, OSMF	Basic seismic force resisting system (1617.6.2)	
400	Basic wind speed (1809.3)			Response modification coefficient, R, and	
1.15 Building cate	egory and	wind importance Factor, Iv		deflection amplification factor <sub>Cl</sub> (1617.6.2)	
table 1604.5, 1609.5) " Wind exposure category (1609.4)		EQUIV LAT FORCE Analysis procedure (1616.6, 1617.5)			
-/-0.18 Internal pressure coefficient (ASCE 7)			23.99K	Design base shear (1617.4, 16175.5.1)	
PER ASCE BASED ON FWAnt and cladding pressures (1609.1.1, 1609.6.2.2)  See Package Calc Main force wind pressures (7603.1.1, 1609.6.2.1)			Flood loads (1	Flood loads (1803.1.6, 1612)	
			NA	Flood Hazard area (1612.3)	
Earth design data (1603.1.5, 1614-1623)  ASCE 12.8.1  Design option utilized (1614.1)			NA	Elevation of structure	
11/406			Other loads		
Spectral response coefficients, SDs & SDI (1615.1)			NA	Concentrated loads (1607.4)	
D Site class (16		tricionis, oto ee ani (1015.1)	NA	Partition loads (1607.5)	
			3-400# unit heaters	Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404	