

Certificate of Design Application

From Designer:		ALTHAm distects		
Date:		1-5-2016		
Job Name:		West field Building		
Address of Construction:		West field Building 17 west field St, Parland ME 04102		
D. W. C. I		2009 International ruction project was designed to the control of	he building code crite	ria listed below:
-		Use Group Classification	on (s) _ FI/F 2	-
Type of Cons	struction IIB			
Will the Struct	ure have a Fire supp	pression system in Accordance with	Section 903.3.1 of the 2	2009 IRC <u>YES</u>
Is the Structure	e mixed use?NT	If yes, separated or non se	parated or non separate	d (section 302.3)
Supervisory ala	arm System? YE	Geotechnical/Soils report	required? (See Section 1	802.2) NA
0. 15			NA	** 1 1 1 ·
Structural Design Calculations Submitted for all structural members (106.1 – 106.11) Design Loads on Construction Documents (1603) Uniformly distributed floor live loads (7603.11, 1807) Floor Area Use Loads Shown			- 1	Live load reduction
			-	Roof live loads (1603.1.2, 1607.11)
				Roof snow loads (1603.7.3, 1608)
				Ground snow load, Pg (1608.2)
Floor Area	Use 1	Loads Shown		If $Pg > 10$ psf, flat-roof snow load Pf
				If $Pg > 10$ psf, snow exposure factor, $_{G}$
NA				If $P_g > 10$ psf, snow load importance factor, I_F
				Roof thermal factor, $_{G}$ (1608.4)
				Sloped roof snowload, P_S (1608.4)
Wind loads (1603.1.4, 1609)				Seismic design category (1616.3)
	Design option utilize	d (1609.1.1, 1609.6)		Basic seismic force resisting system (1617.6.2)
N A	Basic wind speed (18	~		Response modification coefficient, R1 and
NA	Building category and	l wind importance Factor, _{bv} table 1604.5, 1609.5)		deflection amplification factor _{Cd} (1617.6.2)
	Wind exposure categ			Analysis procedure (1616.6, 1617.5)
	Internal pressure coeffic	, ,		Design base shear (1617.4, 16175.5.1)
		ng 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) Earth design data (1603.1.5, 1614-1623)			NA	Flood Hazard area (1612.3)
		· ·	<u> </u>	Elevation of structure
NA	_	en option utilized (1614.1)		
	Seismic use group ("C	*	NA	Concentrated loads (1607.4)
	-	efficients, SDs & SD1 (1615.1)	***	Partition loads (1607.5)
	Site class (1615.1.5)		(1970)	Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404