

Certificate of Design Application

From Designer:		
Date:		
Job Name:		
Address of Construction:		
	International Building Cowas designed to the building code	
Building Code & Year Use G	Group Classification (s)	
Type of Construction		
Will the Structure have a Fire suppression system is		the 2009 IRC
Is the Structure mixed use? If yes, s		
Supervisory alarm System?Geotecl		·
Structural Design Calculations		Live load reduction
Submitted for all structural members	(106.1 – 106.11)	Roof live loads (1603.1.2, 1607.11)
Design Loads on Construction Documents (160		Roof snow loads (1603.7.3, 1608)
Uniformly distributed floor live loads (7603.11, 1807)		Ground snow load, <i>Pg</i> (1608.2)
Floor Area Use Loads Shown		If $Pg > 10$ psf, flat-roof snow load pf
		If $Pg > 10$ psf, snow exposure factor, C_{ℓ}
		If $Pg > 10$ psf, snow load importance factor, I_g
		Roof thermal factor, G (1608.4)
		Sloped roof snowload, p_{Y} (1608.4)
Wind loads (1603.1.4, 1609)		Seismic design category (1616.3)
Design option utilized (1609.1.1, 1609.6)		Basic seismic force resisting system (1617.6.2)
Basic wind speed (1809.3)		Response modification coefficient, R_I and
Building category and wind importance F table 1604.5, 1	Factor, h 609.5)	deflection amplification factor _{Cd} (1617.6.2)
Wind exposure category (1609.4)		Analysis procedure (1616.6, 1617.5)
Internal pressure coefficient (ASCE 7)		Design base shear (1617.4, 16175.5.1)
Component and cladding pressures (1609.1.1, Main force wind pressures (7603.1.1, 1609.6.2.	f1000 103	ads (1803.1.6, 1612)
Earth design data (1603.1.5, 1614-1623)		Flood Hazard area (1612.3)
		Elevation of structure
Seismic use group ("Category")	Other loa	ads
Spectral response coefficients, SD: & 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