

Certificate of Design Application

From Designer:	
Date:	
Job Name:	
Address of Construction:	
	national Building Code gned to the building code criteria listed below:
Building Code & Year Use Group Cla	assification (s)
Type of Construction	
	ance with Section 903.3.1 of the 2009 IRC
	or non separated or non separated (section 302.3)
Supervisory alarm System?Geotechnical/So.	ils report required? (See Section 1802.2)
Structural Design Calculations	Live load reduction
Submitted for all structural members (106.1 – 106	Roof <i>live</i> loads (1603.1.2, 1607.11)
	Roof snow loads (1603.7.3, 1608)
Design Loads on Construction Documents (1603)	Ground snow load, Pg (1608.2)
Uniformly distributed floor live loads (7603.11, 1807) Floor Area Use Loads Shown	If $Pg > 10$ psf, flat-roof snow load pr
	If $Pg > 10$ psf, snow exposure factor, Q_0
	If $Pg > 10$ psf, snow load importance factor, f_k
	Roof thermal factor, G (1608.4)
Wind loads (1603.1.4, 1609)	Sloped roof snowload, _{P3} (1608.4)
	Seismic design category (1616.3)
Basic wind speed (1809.3)	Basic seismic force resisting system (1617.6.2) Response modification coefficient, R _I and
Building category and wind importance Factor,	deflection amplification factor G_{ij} (1617.6.2)
table 1604.5, 1609.5) with table 1604.5, 1609.5	
	Design base shear (1617.4, 1617.5.1)
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
Seismic use group ("Category")	Concentrated loads (1607.4)
Spectral response coefficients, SDs & SD1 (1615.1)	Partition loads (1607.5)
Site class (1615.1.5)	Miss loads (Table 1607 8, 1607 6.1, 1607 7

1607.12, 1607.13, 1610, 1611, 2404