

## 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, <sub>P3</sub> (1608.4)   |
|   | Seismic design category (1616.3)   |
| Basic wind speed (1809.3)   | Basic seismic force resisting system (1617.6.2)  Response modification coefficient, R <sub>I</sub> 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