

## Certificate of Design Application

From Designer:	BRIBURN	
Date:	1.15.16	
Job Name:	EL RAYO - PONTLAN,	
Address of Construction:	26 FREE STREET	
	2009 International B truction project was designed to the	building code criteria listed below:
		(S) ASSEMBLY / MERCANTILE
Type of Construction//	1-8	
Will the Structure have a Fire sup	pression system in Accordance with Sec	ction 903.3.1 of the 2009 IRC
		ated or non separated (section 302.3)
		uired? (See Section 1802.2)
Structural Design Calculations		Live load reduction
Submitted for all structural members (106.1 – 106.11)		Roof live loads (1603.1.2, 1607.11)
	D	Roof snow loads (1603.7.3, 1608)
Design Loads on Construction Uniformly distributed floor live load		Ground snow load, Pg (1608.2)
Floor Area Use Loads Shown		If $P_g > 10$ psf, flat-roof snow load $p_f$
		If $P_g > 10$ psf, snow exposure factor, $G$
Management of the second secon		If Pg > 10 psf, snow load importance factor, Is
		Roof thermal factor, $G$ (1608.4)
		Sloped roof snowload,p(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, Rt and
Building category and wind importance Factor, ju table 1604.5, 1609.5)		deflection amplification factor (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, 1609.6.2.2)Main force wind pressures (7603.1.1, 1609.6.2.1)		Flood loads (1803.1.6, 1612)
Earth design data (1603.1.5, 1614-1623)		Flood Hazard area (1612.3)
\$400 DECEMBER OF THE STATE OF T		Elevation of structure
Design option utilized (1614.1)Seismic use group ("Category")		Other loads
Spectral response coefficients, SDs & SD1 (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