

General Information

Number of Stories	2	Occupancy Category	I
Distance from base to Heighest Story (ft)	36	Lumber Used	Dry
Importance Factor	0.87	Framing Material	SPF

Wind Information

Method of Analysis:	Analytical Method		
Wind exposure cat.	D	Wind Speed, V	85
Hurricane Prone Region	No	Building Enclosure	Enclosed
On hill, ridge or escarpment?	No	Shape of feature	N/A
Taller than 15 or 60 ft?	No	Height of feature	N/A
Unobstructed?	No	Average Slope of feature	N/A
Twice as tall as other features?	No	Distance from feature to building site	N/A
Directionality Coefficient (Kd)	0.85	Kzt	1.000
a	11.5	Zg	700.000

Seismic Information

Method of Analysis:	Equivalent Lateral Force Method		
Site Class	D	Long-Period Transition Period (sec)	8
0.2 Sec. Spectral Response Acceleration, Ss	150%	Damped 0.2 Sec. Spectral Response Acc., Sds	100%
1 Sec. Spectral Response Acceleration, S1	75%	Damped 1 Sec. Spectral Response Acc., Sd1	75%
Response Modification Factor, R	6.5	Seismic Design Category	D
Deflection Amplification Factor	4	System Overstrength Factor, O	2.5

Total Forces of Building

Response Coefficient (Cs)	0.15
Total Seismic Weight (w)	8.10 kips
Redundancy Coefficient (Rho)	1.50
Base Shear (Cs*W)	1.25 kips
Design Base Shear (0.7pCsW)	1.31 kips

2 Story Seismic Dead Loads

Dia	Diaphragm			Tributary Exterior Wall				Interior Wall			Total	
	Area (sq ft)	Unit DL (psf)	Wt (lbs)	Ht (ft)	Ln (ft)	Unit DL (psf)	Wt (lbs)	Wt Below (lbs)	Wt Above (lbs)	Added DL	Added DL Area	Dia Wt (lbs)
Total	-	-	0	-	-	-	0	0	-	-	-	-
Story Wt	0											

2 Story Seismic Forces

Seismic Weight (w)	2.70 kips
Height (h)	0.00 ft
Vert. Distribution (Cv)	0.00
Story Shear (V)	0.00 kips
Design Story Shear (0.7pV)	0.00 kips
Area	0.00 sqft

1 Story Seismic Dead Loads

Dia	Diaphragm			Tributary Exterior Wall				Interior Wall			Total	
	Area (sq ft)	Unit DL (psf)	Wt (lbs)	Ht (ft)	Ln (ft)	Unit DL (psf)	Wt (lbs)	Wt Below (lbs)	Wt Above (lbs)	Added DL	Added DL Area	Dia Wt (lbs)
Total	-	-	0	-	-	-	0	0	0	-	-	-
Story Wt	0											

1 Story Seismic Forces

Seismic Weight (w)	5.40 kips
Height (h)	0.00 ft
Vert. Distribution (Cv)	0.00
Story Shear (V)	0.00 kips
Design Story Shear (0.7pV)	0.00 kips
Area	0.00 sqft

Required Shearwall Types

Building Description:

General Notes:

Errors:

PROJECT TITLE: Sample PROJECT #: 1 DATE: USER'S INITIALS: TE
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