

Design Wind Speed	Nominal	
Wind Speed, V (mph)	155	Click Here to find the right wind speed
Exposure Category	D	(ASCE 7-22, Sect. 26.7)
Enclosure Classification	Enclosed	(ASCE 7-22, Section 26.12 & Figure 26.13-1)

Height above ground, z (ft.)	0.00	Elevation of raised structure (i.e. house floor on piles)
Building Width, B (ft)	60.00	-
Building Length, L (ft)	142.00	-

Damping Ratio, β	0.0700	(Suggested Range = 0.010-0.070)
Period Coef., C_t	0.0200	(Suggested Range = 0.020-0.035), ($T = C_t \cdot h(3/4)$), and $f = 1/T$)

Roof Type	Flat	
Ridge Height, h_r (ft.)	12.00	($h_r \geq h_h$), Roof Peak Height
Eave Height, h_e (ft.)	12.00	($h_e \leq h_r$), Roof Edge @ Wall
Overhang, h_o (ft.)	0.00	
Parapet Along Roof Perimeter (ft.)	4.00	
Roof Slope (x:12)	0.25	
Mean Roof Height (h) - (ft.)	12.00	($h = (h_r + h_e)/2$, for roof angle > 10 deg.)

Hill Shape	Flat - No Hill
H _i (ft.)	
L _h (ft.)	
x _i (ft.)	
z _i (ft.)	

Client	
Address	
Company	
Job Number	
Preparer	

Internal Pressure	0.18
Roof Angle, θ (degrees)	1.19
Edge Strip, a (ft.)	4.80
Directionality Factor, K_d	0.85
Topo. Factor, K_{zt}	1.00
Gust Factor, G	0.85
Building Type	Rigid

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Topographic Information	
Hill Shape	Flat - No Hill
H_i (ft.)	
L_{iv} (ft.)	
x_i (ft.)	
z_i (ft.)	

[Click to view Topographic Diagram](#)

Project Information	
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Hill Shape	Flat - No Hill
H_i (ft.)	
L_{iv} (ft.)	
x_i (ft.)	
z_i (ft.)	

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