



2007 FBC / ASCE 7-05
 OPENING WIND LOAD
 DESIGN PRESSURES
 EFFECTIVE MARCH 1, 2007

NOTE: If using this form to acquire pressures, include this chart with the permit package.

TRIBUTARY AREA	Opening Location	MEAN ROOF HEIGHT <small>(15, 20, 25 30 FT)</small>			
		15FT.	20 FT.	25 FT.	30 FT.
SQ. FT.	ZONE				
0 - 20	4 - Interior Zone	+42.7 -46.2	+45.5 -49.3	+47.7 -51.6	+49.4 -53.5
>20 - 50	4 - Interior Zone	+40.8 -44.4	+43.5 -47.3	+45.5 -47.3	+47.2 -51.4
>50 - 100	4 - Interior Zone	+38.2 -41.9	+40.8 -44.6	+42.7 -46.7	+44.2 -48.4
>100	4 - Interior Zone	+36.3 -39.9	+38.7 -42.6	+40.5 -44.6	+42.0 -46.2
0 - 20	5 - Corner Zone	+42.7 -57.1	+45.5 -60.9	+47.7 -63.7	+49.4 -66.1
>20 - 50	5 - Corner Zone	+40.8 -53.2	+43.5 -56.8	+45.5 -59.4	+47.2 -61.6
>50 - 100	5 - Corner Zone	+38.2 -48.2	+40.8 -51.3	+42.7 -53.7	+44.2 -55.7
>100	5 - Corner Zone	+36.3 -44.4	+38.7 -47.3	+40.5 -49.6	+42.0 -51.4

Zone 5 = 10% of the least horizontal dimension or 40% of the mean roof height, whichever is smaller, but not less than 4% of the least horizontal dimension or 3 feet.
 Zone 4 - All Other Areas

The three things you need to know to use this chart:

1. Square Footage Area of the Opening
2. Opening Location (Interior Zone 4 / Corner Zone 5)
3. Mean Roof Height (_____)

Mean roof height must be provided for application approval.