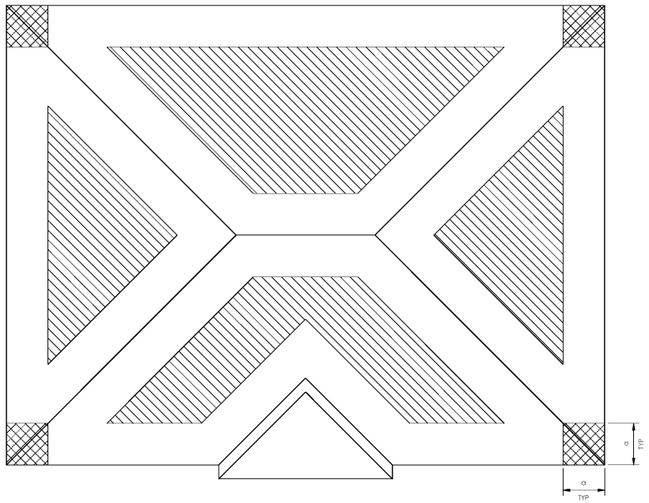

COMPONENT AND CLADDING ROOF WIND PRESSURE ZONES

ZONE 1
ZONE 2
ZONE 3

COMPONENT AND CLADDING WALL WIND PRESSURE ZONES

ZONE 4
ZONE 5

COMPONENT & CLADDING WIND PRESSURES WALL AND ROOF TRUSSES

ZONE	EFFECTIVE WIND AREA (SQFT)	+WIND PRESSURE (PSF)	-WIND PRESSURE (PSF)
1	≤10	11.1	-17.6
1	20	10.2	-17.2
1	50	8.9	-16.5
1	≥ 100	7.9	-16.0
2	≤10	11.1	-30.7
2	20	10.2	-28.2
2	50	8.9	-25.5
2	≥ 100	7.9	-22.5
3	≤10	11.1	-45.4
3	20	10.2	-42.4
3	50	8.9	-38.5
3	≥ 100	7.9	-35.6
4	≤10	19.3	-20.9
4	20	18.5	-20.1
4	50	17.3	-19.0
4	100	16.3	-18.0
4	200	15.5	-17.2
4	≥ 500	14.4	-16.0
5	≤10	19.3	-25.8
5	20	18.5	-24.0
5	50	17.3	-21.7
5	100	16.3	-20.1
5	200	15.5	-18.3
5	≥ 500	14.4	-16.0
a = 6'-0", Unless noted		For Net Roof Pressure use DL = 3 psf	
Zone 1 = Roof Interior Zone		Zone 4 = Wall Interior Zone	
Zone 2 = Roof Edge Zone		Zone 5 = Wall Edge Zone	
Zone 3 = Roof Corner Zone		Internal Pressure Coefficient = See Gen. Notes	

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11/30/2017

COMPONENT AND CLADDING-WIND PRESSURES

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