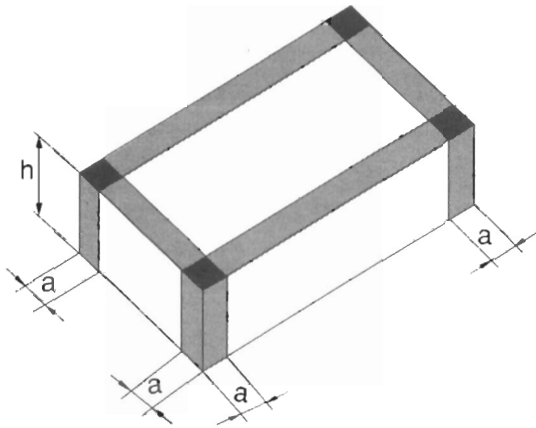


Figure 6-3

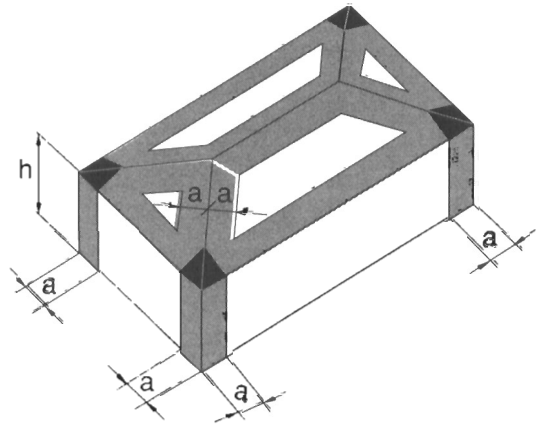
Design Wind Pressures

Walls & Roofs

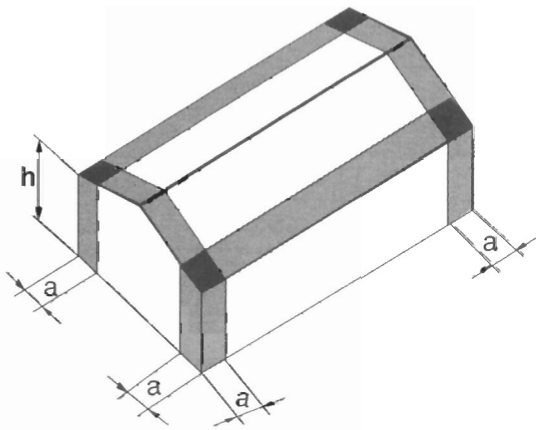
Enclosed Buildings



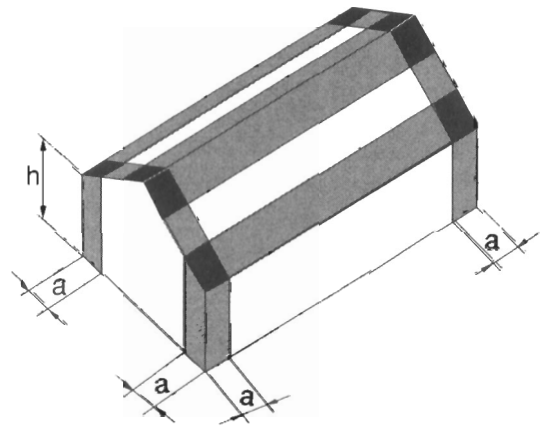
Flat Roof



Hip Roof ($7^\circ < \theta \leq 27^\circ$)



Gable Roof ($\theta \leq 7^\circ$)



Gable Roof ($7^\circ < \theta \leq 45^\circ$)

 Interior Zones
Roofs - Zone 1/Walls - Zone 4

 End Zones
Roofs - Zone 2/Walls - Zone 5

 Corner Zones
Roofs - Zone 3

Notes:

1. Pressures shown are applied normal to the surface, for exposure B, at $h = 30 \text{ ft (9.1m)}$, $I = 1.0$, and $K_{zt} = 1.0$. Adjust to other conditions using Equation 6-2.
2. Plus and minus signs signify pressures acting toward and away from the surfaces, respectively.
3. For hip roofs with $\theta \leq 25^\circ$, Zone 3 shall be treated as Zone 2.
4. For effective wind areas between those given, value may be interpolated, otherwise use the value associated with the lower effective wind area.
5. Notation:
 a : 10 percent of least horizontal dimension or $0.4h$, whichever is smaller, but not less than either 4% of least horizontal dimension or 3 ft (0.9 m).
 h : Mean roof height, in feet (meters), except that eave height shall be used for roof angles $< 10^\circ$.
 θ : Angle of plane of roof from horizontal, in degrees.