

- 1. Vertical scale denotes GC_p to be used with q_h .
- 2. Horizontal scale denotes effective wind area, in square feet (square meters).
- 3. Plus and minus signs signify pressures acting toward and away from the surfaces, respectively.
- 4. Each component shall be designed for maximum positive and negative pressures.
- 5. If a parapet equal to or higher than 3 ft (0.9m) is provided around the perimeter of the roof with $\theta \le 7^{\circ}$, the negative values of GC_p in Zone 3 shall be equal to those for Zone 2 and positive values of GC_p in Zones 2 and 3 shall be set equal to those for wall Zones 4 and 5 respectively in Figure 30.4-1.
- 6. Values of GC_p for roof overhangs include pressure contributions from both upper and lower surfaces.
- 7. 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*: Eave height shall be used for $\theta \le 10^{\circ}$.
 - θ: Angle of plane of roof from horizontal, in degrees.