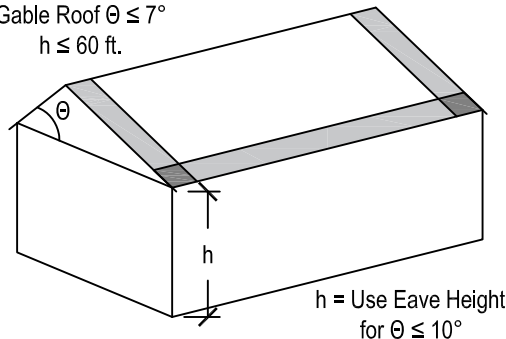


Gable Roof $\theta \leq 7^\circ$
 $h \leq 60$ ft.



LEGEND:

□ Zone 1 = Field of Roof

■ Zone 2 = Perimeter

■ Zone 3 = Corner

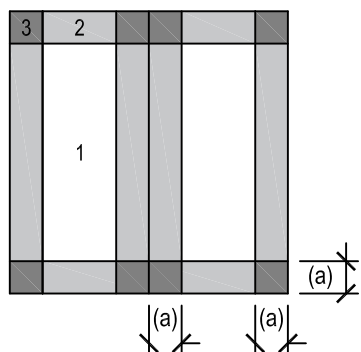
θ = Degrees / angle of plane of roof from horizontal

h = Eave or Mean Roof Height

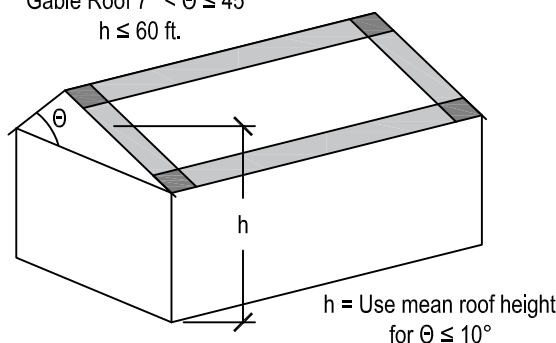
w = Building Lesser Plan Dimension

a = Perimeter/Corner Zone Width

$2 \times (a)$ = Corner Zone Length for Roof Heights above 60 feet



Gable Roof $7^\circ < \theta \leq 45^\circ$
 $h \leq 60$ ft.



Notes:

Perimeter Zone width (a) is the smaller of the following:

Roofs Less Than or Equal to 60 feet in Height

- Building Lesser Plan Dimension (w) x .10
- or
- Building Eave Height (h) x .40
- Subject to a minimum of 4% of lesser plan dimension or 3 feet

Roofs Greater Than 60 feet in Height

- Building Lesser Plan Dimension (w) x .10
- Subject to minimum of 3 feet
- Corner Areas (Zone 3) are L-shaped with width = (a) and length = 2 times (a)

Roofs with continuous parapet walls along the perimeter, Zone 3 areas may be treated as zone 2 where:

- Perimeter parapets are continuous and are greater than or equal to 3 feet in height
- Roof height is greater than 60 feet with roof slope less than or equal to 10° ($2'' : 12''$)
- Roof height is less than or equal to 60 feet with roof slope less than or equal to 7° ($1\text{-}1/2'' : 12''$)

Supplemental securement is required within all Perimeter and Corner Zone areas in accordance with IB Roof Systems General Requirements Sections 4.8, 4.9, 4.10 and 4.11, Roof Assembly Specifications and Construction Details.

- Mechanically Attached Systems: Refer to Perimeter Half-Sheet Table A.7 and Construction Details MA-AT-06, MA-AT-07, MA-AT-08, MA-AT-09, and MA-AT-10 for additional information
- Fully Adhered Systems: Refer to Construction Details FA-AT-14, FA-AT-15, and FA-AT-16 for additional information
- Ballasted / Overburden Systems: Refer to Construction Details BA-AT-01. Contact IB Technical Services for additional assembly requirements.

The above is intended for general information purposes and is not all-inclusive. Additional requirements and guidelines may apply and should be reviewed by the Project Designer and Roofing Contractor to address specific building conditions and applicable code requirements. Refer to ASCE-7 and FM LPDS 1-28 and 1-29 as required by the Authority Having Jurisdiction for additional information.

| | | |
|--|---|---|
| Scale: NTS | Detail Name: Perimeter & Corner Zone - Steep Slope | Detail Number: MS - 02 |
| Submitted By: Address: Telephone: | | Project: Address: |