

Fill in the specific roof assembly components. If a component is not required, insert not applicable (n/a) in the text box.

The 2023 FBC requires the use of ASCE 7-22 to calculate wind uplift pressures and the sizes of elevated roof pressure zones.

To calculate P2 perimeter width a', use .6(h) with h = the Roof Mean Height. P3 corner length = .6(h), P3 corner width = .2(h)

Roof System Manufacturer: GAF

Product Approval NOA: FL5293-67

NOA System Type: TPO

Wind Uplift Pressures, From RAS 128 or Sealed Calculations:

(P1') Field: 39 psf (P1) Field: 39 psf

(P2) Perimeter: 64 psf (P3) Corner: 89 psf

NOA Design Pressure: -239 (P2) Width: 10 ft.

(P3) Length: 25 ft. (P3) Width: 10 ft.

Roof Slope: .25 /12 Roof Mean Height: 17 ft.

Parapet Walls: ☐ No ☒ Yes Parapet Wall Height: 1 ft.

-- Structural Concrete Deck --

LWIC Manufacturer: N/A

Compressive Strength: N/A psi Support Spacing: N/A ft. o/c

If Roof Recovery, provide the existing roof system:

N/A

Fire Barrier:

N/A

Vapor Barrier:

N/A

Anchor Sheet:

N/A

Anchor Sheet Fastener / Bonding Material:

N/A

Insulation Base Layer Size & Thickness:

N/A

Insulation Base Layer Fastener / Bonding Material:

OLY BOND 500

Insulation Top Layer Size & Thickness:

1"

Insulation Top Layer Fastener / Bonding Material:

OLY BOND

Number of Fasteners per Insulation Board:

(P1'): (P1): (P2): (P3):

(For Department Use Only)

Base Sheet(s)

60 MIL

Base Sheet Fastener / Bonding Material:

GAF 1121 ADHESIVE

Ply Sheet(s):

N/A

Ply Sheet Fastener / Bonding Material:

N/A

Top Ply Sheet:

N/A

Top Ply Sheet Fastener / Bonding Material:

N/A

Optional Surfacing:

N/A

Fastener Spacing for Base Sheet Attachment :

	Lap Spacing	Row Spacing	Field of Sheet Spacing
(P1') Field:	N/A in. o/c	N/A Row(s)	N/A in. o/c
(P1) Field:	N/A in. o/c	N/A Row(s)	N/A in. o/c
(P2) Perimeter:	N/A in. o/c	N/A Row(s)	N/A in. o/c
(P3) Corner:	N/A in. o/c	N/A Row(s)	N/A in. o/c

Wood Nailer Type and Size:

N/A

Wood Nailer Fastener Type and Spacing:

N/A

-- Select Drip Edge Material --

-- Select Drip Edge Metal Size --

-- Select Drip Edge Metal Cleat (Hook Strip) --

Drip Edge Metal Attachment:

N/A

-- Select Coping Metal Material --

-- Select Coping Metal Size --

-- Select Coping Metal Cleat (Hook Strip) --

Parapet Coping Metal Attachment: