

Florida Building Code 8th Edition (2023)

High Velocity Hurricane Zone Uniform Roofing Application Form for Village of Pinecrest

Section A (General Information)

Master Permit Number: BL2024 1596

Process Number: _____

Contractor's Name: ENVIROTECH ROOFING GROUP

Job Address: 13125 SW 63 AVE

ROOF CATEGORY

- ☒ Low Slope ☐ Mechanically Fastened Tile ☐ Mortar / Adhesive Set Tile
☐ Asphaltic Shingles ☐ Metal Panel/ Shingles ☐ Wood Shingles / Shakes

ROOF TYPE

- ☒ New Roof ☐ Repair ☐ Maintenance ☐ Reroofing ☐ Recovering

ROOF SYSTEM INFORMATION

Low Slope Roof Area (ft²) Steep Sloped Roof Area (ft²) Total (ft²)
4,500' N/A 4,500'

Are there gas vents on the roof? Yes ☐ No ☒ If Yes what type? ☐ Natural ☐ LPX
Is there an existing roof top Solar System? ☐ Yes ☒ No If yes will it be reinstalled? ☐ Yes ☒ No

Section B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.



PHOTOVOLTAIC NOTES

1. AVAILABLE 1" Wm. CONDUIT FROM BOX TO STUDIED LAMP FOR BOX ADJUST TO SELECTED VOLTAGE.
2. BOXES TO BE CONDUIT AND THIS SHALL BE STUDIED ON AND COVERED, AND SHALL BE KEPT OPEN
3. ALL POWER SHALL BE SHUT OFF FOR AN HOUR (1) CONTINUED WHEN A VARIATION OF FOUR HOURS OF DIRECT
4. RADIANT LIGHTING.
5. INFORMATION SHALL BE ACQUIRED AT THE TIME OF INSTALLATION, ETC.

1/4" = 1'-0"

-
- CONCRETE WITH FLUID APPLIED WATERPROOFING.
- WOOD DECK
- SINGLE PLY T.P.O. OVER TAPERED INSULATION.



1/8" = 1'-0" SEE ROOF CALCULATIONS ON SHEET A-109A

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Section C (Low Sloped Roof Systems)

Fill in Specific Roof Assembly Components and Identify manufacturer
(If a component is not used, identify as "NA")

System Manufacturer: GAF

Product Approval # FL5293 R71 C 49

Design Wind Pressures, from RAS 128 or Calculations:

Zone 1': -42 Zone 1: -74 Zone 2: -97

Zone 3: -133

Max. Design Pressure, from the specific product approval system: 180.0

Deck
Type: CONCRETE DECK

Gauge / Thickness: _____

Slope: 1/4

Anchor/ Base Sheet & No. of Ply(s): N/A

Anchor/ Base Sheet Fastener/ Bonding Material:
N/A

Insulation Base Layer: N/A

Base Insulation Size and Thickness: N/A

Base Insulation Fastener/ Bonding Material:
N/A

Top Insulation Layer: ENERGYGUARD POLYISO INSULATION

Top Insulation Size and Thickness: 4X4 TAPERED

Top Insulation Fastener/Bonding Material:
DRILL TEC #14 FASTENERS STANDAR STEEL PLATE

Base Sheet(s) & No. of Ply(s): N/A

Base Sheet Fastener/ Bonding Material:
N/A

Ply Sheet(s) and No. of Ply(s): N/A

Ply Sheet Fastener/ Bonding Material:
N/A

Top Ply: TPO 1121 EVERGUARD TPO 60MIL

Top Ply Fastener/ Bonding Material:

EVERGUARD 1121 TPO BONDING ADHESIVE

Surfacing:

N/A

N/A

Fastener Spacing for Anchor/Base Sheet Attachment:

Zone 1' _____ " oc @ Laps, # Rows _____ @ _____ " oc

Zone 1 _____ " oc @ Laps, # Rows _____ @ _____ " oc

Zone 2 _____ " oc @ Laps # Rows _____ @ _____ " oc

Zone 3 _____ " oc @ Laps, # Rows _____ @ _____ " oc

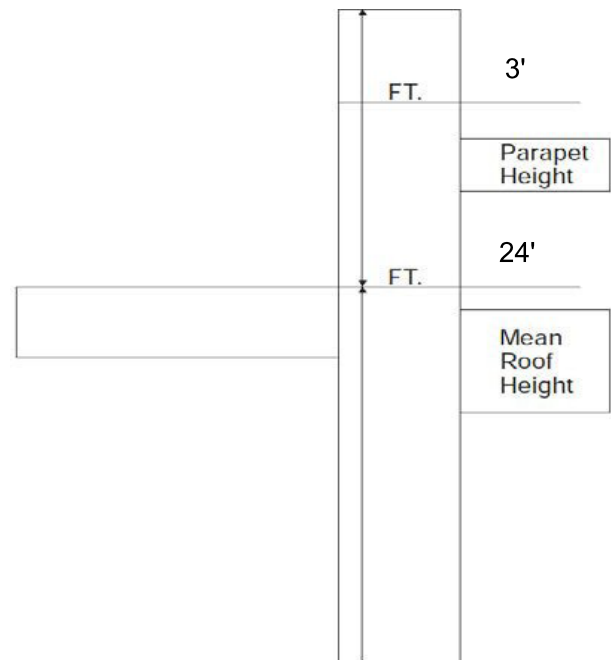
Number of Fasteners Per Insulation Board

Zone 1': _____ Zone 1: _____ Zone 2: _____ Zone 3: _____

Illustrated Components Noted and Details as Applicable:

Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counterflashing, Coping, Etc.

Indicate: Mean Roof Height, Parapet Height, Height Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit Manufactures Details that Comply with RAS 111 and Chapter 16.



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Section C (Low Slope Application)

Fill in specific roof assembly components and identify manufacturer
 (If a component is not used, identify as "N/A")

System Manufacturer: TREMKO INC

25-0225.03

Product Approval No.: _____

Design Wind Pressures, From RAS 128 or Calculations:

Zone 1': -42 Zone 1: -74 Zone 2: -97 Zone 3: -133

Max. Design Pressure, from the specific product approval system: -850.00 PSF

Deck:

Type: STRUCTURAL CONCRETE

Gauge/Thickness: _____

Slope: 1/4 /12

Anchor/Base Sheet & No. of Ply(s): VULKUMEN 350 SL

Anchor/Base Sheet Fastener/Bonding Material:
COAT COVERAGE: 55 FT/ GAL

Insulation Base Layer: N/A

Base Insulation Size and Thickness: N/A

Base Insulation Fastener/Bonding Material: N/A

Top Insulation Layer: N/A

Top Insulation Size and Thickness: N/A

Top Insulation Fastener/Bonding Material: N/A

Base Sheet(s) & No. of Ply(s): N/A

Base Sheet Fastener/Bonding Material: N/A

Ply Sheet(s) & No. of Ply(s): N/A

Ply Sheet Fastener/Bonding Material: N/A

Top Ply: VULKUMEN 351

Top Ply Fastener/Bonding Material:
COAT COVERAGE: 100 FT/GAL

Surfacing: 20/30 MECH SIZE AGGREGATE @ 12-18 LBS/SQFT

Fastener Spacing for Anchor/Base Sheet Attachment:

Zone 1': N/A " oc @ Lap, # Rows N/A @ N/A " oc

Zone 1: N/A " oc @ Lap, # Rows N/A @ N/A " oc

Zone 2: N/A " oc @ Lap, # Rows N/A @ N/A " oc

Zone 3: N/A " oc @ Lap, # Rows N/A @ N/A " oc

Number of Fasteners Per Insulation Board: *

Zone 1': N/A Zone 1: N/A Zone 2: N/A Zone 3: N/A

Illustrate Components Noted and Details as Applicable:

Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counterflashing, Coping, Etc.

Indicate: Mean Roof Height, Parapet Height, Height of Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit Manufacturers Details that Comply with RAS 111 and Chapter 16.

