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

ROOF TYPE

■ New Roof ☐ Repair ☐ Maintenance ☐ Reroofing ☐ Recovering

ROOF SYSTEM INFORMATION

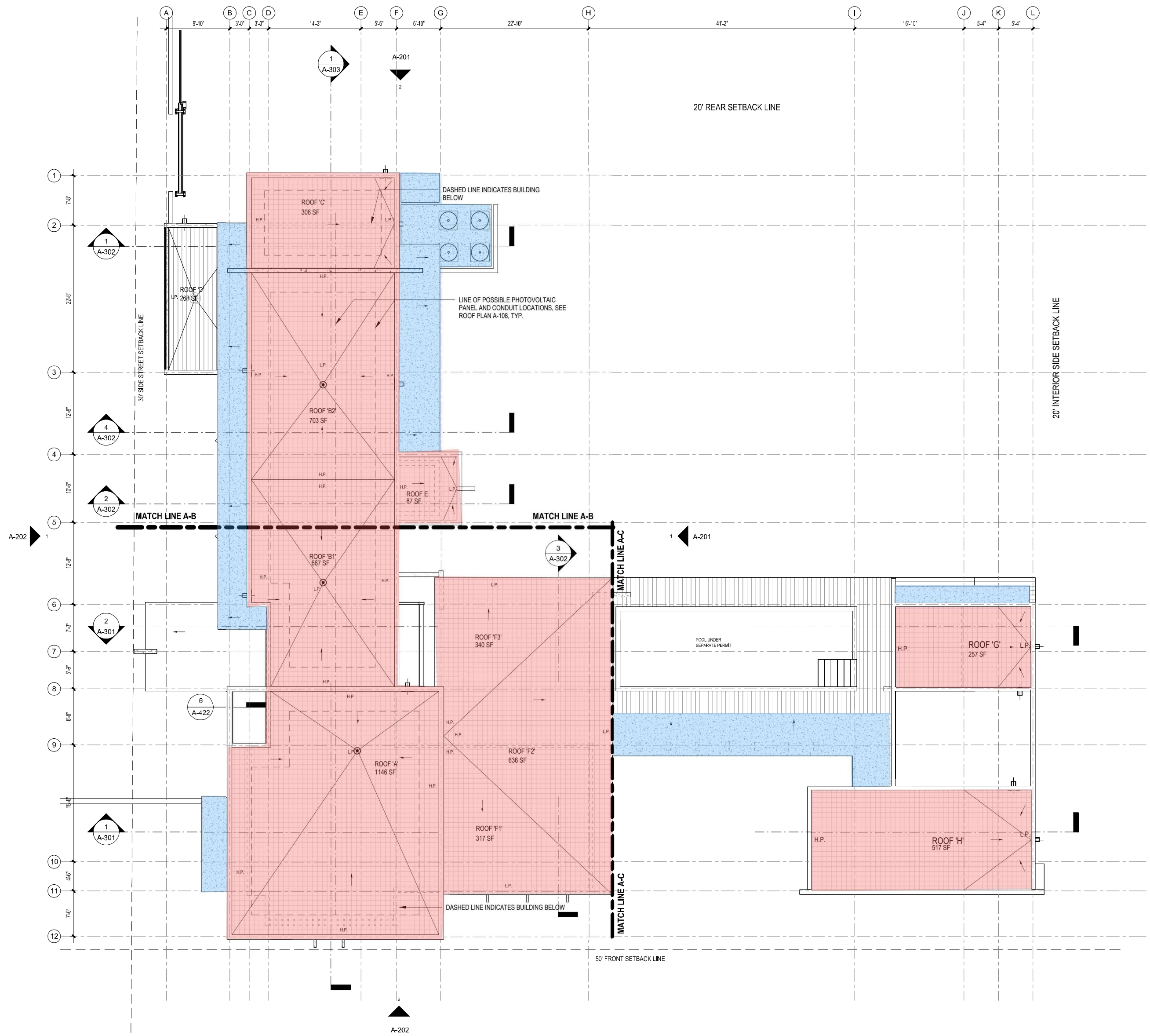
Low Slope Roof Area (ft^2)	Steep Sloped Roof Area (ft^2)	Total (ft^2)
4,500'	N/A	4,500'

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.



ENERGY SYNOPSIS

PROJECT OR OWNER'S NAME:	CASA @ 63RD AVENUE			
PROJECT ADDRESS:	13125 SW 63 AVENUE PINECREST, FLORIDA 33156			
BUILDING ELEMENT	**U-FACTOR**	**R-VALUE**	**SHGC**	**REFLECTANCE**
GLAZED FENESTRATION	X.X	N/A	0.XX	N/A
ROOF REFLECTANCE	N/A	N/A	N/A	0.99 SRI
ROOF DECK	N/A	30	N/A	N/A
WALLS (EXTERIOR)	N/A	5	N/A	N/A

PHOTOVOLTAIC/SOLAR NOTES

1. PROVIDE 1" MIN. CONDUIT FROM ROOF TO STUBBED JUNCTION BOX ADJACENT TO ELECTRIC METER.
2. ALL ENDS OF CONDUITS AND PIPES SHALL BE STUBBED UP AND CAPPED, AND SHALL BE PROVIDED WITH ADEQUATE FLASHING.
3. ALL EQUIPMENT SHALL BE MOUNTED ON A ROOF LOCATION WHERE A MINIMUM OF FOUR HOURS OF DIRECT SUNLIGHT IS ACHIEVED.
4. ROOF REINFORCEMENTS SHALL BE ADDRESSED AT THE TIME OF INSTALLATION, TYP.

ROOF MATERIALS LEGEND

1/4" = 1'-0"

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

ROOF OVERALL PLAN

1/8" = 1'-0" SEE ROOF CALCULATIONS ON SHEET A-108A

#26000522

MATEU

8887 SOUTHWEST 131 STREET
MIAMI, FLORIDA 33176
305.233.3304 DESIGN@MATEU.CO

ARCHITECTURE INTERIOR DESIGN PLANNING

SEAL:

RONEY J. MATEU, FAIA
AR0008220

G.F. CONSULTING ENGINEERS, INC.
STRUCTURAL ENGINEERING
13170 SW 128 STREET, SUITE 204
MIAMI, FLORIDA 33186

JMM CONSULTING ENGINEERS
MECH., ELEC., PLUMB. ENGINEERING
10251 SUNSET DRIVE, SUITE 103
MIAMI, FLORIDA 33173

CARLAB, INC.
CIVIL ENGINEERING
8730 SW 25 STREET
MIAMI, FLORIDA 33165

CARLOS MAURICIO &
FERNANDA ROCA
MA 2405
13125 SW 63 AVENUE
PINECREST, FLORIDA 33156

CASA @
63RD AVENUE

NEW SINGLE-FAMILY RES.
EU-1 RESIDENTIAL ESTATE

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PHASE: Project Status

FILE NAME: M:\2405 Casa Pa' Fernanda_CD\MODEL\ARCH\Casa on 63rd ave_DY.rvt

PROJECT NO: MA 2405

DRAWN BY: DY

CHECKED BY: RJM

ISSUE DATE: 11/14/24

REVISIONS

SHEET TITLE: ROOF OVERALL PLAN

SHEET: A-108 OF

Florida Building Code 8th Edition (2023)

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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: CONCRETER 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:
HOT MOP TYPE IV ASPHALT

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

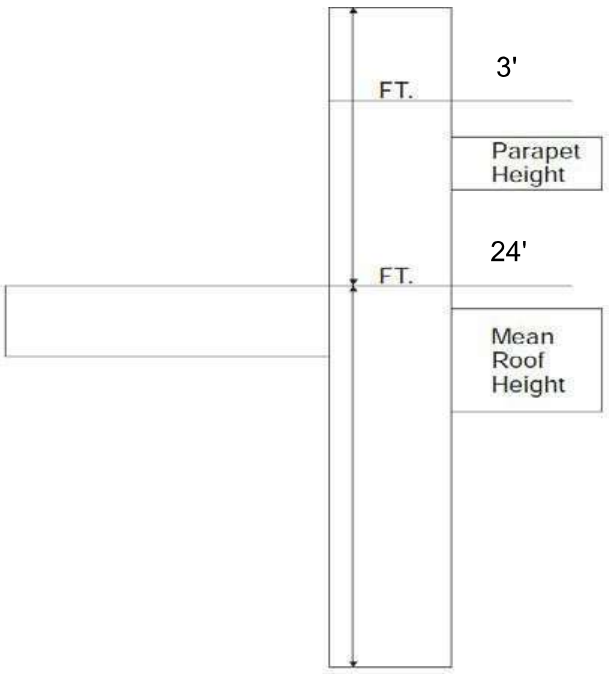
Zone 3_____" oc @ Laps, # Rows _____ @ _____" oc

Number of Fasteners Per Insulation Board

Zone 1':_____Zone1:_____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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High-Velocity Hurricane Zone Uniform Permit Application Form

Section C (Low Slope Application)

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

System Manufacturer: TREMKO INC

Product Approval No.: 25-0225.03

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.