

Florida Building Code 7th Edition (2020)

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

INSTRUCTION PAGE

**COMPLETE THE NECESSARY SECTIONS OF THE UNIFORM ROOFING PERMIT APPLICATION FORM AND
ATTACH THE REQUIRED DOCUMENTS BELOW:**

Roof System	Required Sections of the Permit Application Form	Attachments Required See List Below
Low Slope Application	A,B,C	1,2,3,4,5,6,7
Asphaltic Shingles	A,B,D	1,2,4,5,6,7
Concrete or Clay Tile	A,B,D,E	1,2,3,4,5,6,7
Metal Roofs	A,B,D	1,2,3,4,5,6,7
Wood Shingles and Shakes	A,B,D	1,2,4,5,6,7
Other	As Applicable	1,2,3,4,5,6,7

ATTACHMENTS REQUIRED:

1.	Fire Directory Listing Page
2.	From Product Approval: Front Page Specific System Description Specific System Limitations General Limitations Applicable Detail Drawings
3.	Design calculations per Chapter 16, or if applicable, RAS 127 or RAS 128
4.	Other Component Product Approval
5.	Municipal Permit Application
6.	Owner's Notification for Roofing Considerations (Reroofing Only)
7.	Any Required Roof Testing / Calculation Documentation

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Section A (General Information)

Master Permit Number: _____

Process Number: _____

Contractor's Name: URUTEC ROOFING INC.

Job Address: 7504-7744 SW 102ND ST PINECREST, FLORIDA 33156

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)

31,072SF

Steep Sloped Roof Area (ft²)

27,989SF

Total (ft²)

59,061SF

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

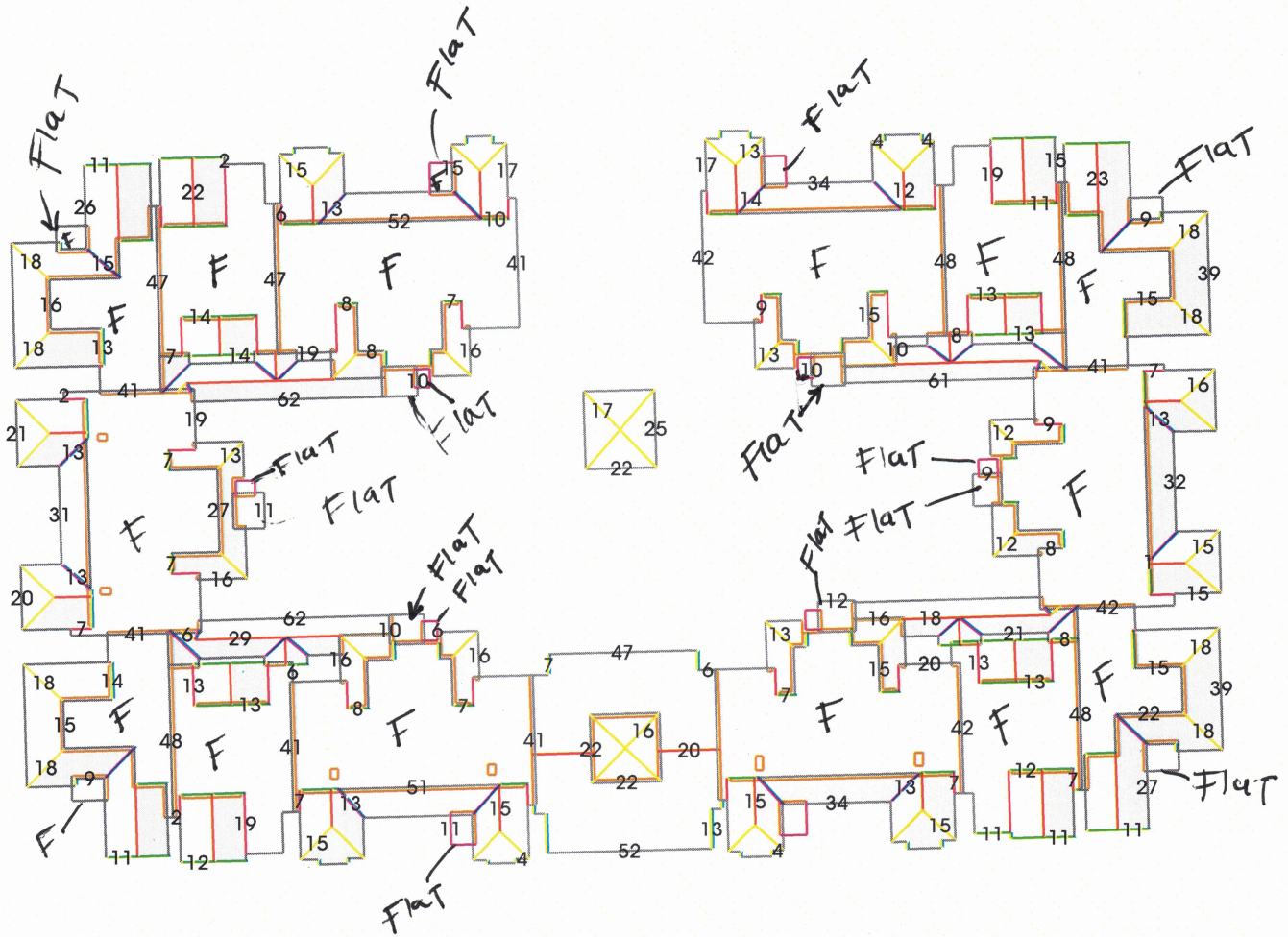
Section B (Roof Plan)

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.

SEE ATTACHED DIAGRAMS



Flash	Step	Drip
2,425	388	5,875



■ Bend	■ Eave	■ Hip	■ Parapet	■ Rake	■ Ridge	■ Valley
407	4,868	802	174	1,007	652	365

Lengths in feet



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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 # FL16732-R23

Design Wind Pressures, from RAS 128 or Calculations:

Zone 1': -46 Zone 1: -80 Zone 2: -106

Zone 3: -145

Max. Design Pressure, from the specific product approval system: -225.0

Deck Type: CONCRETE

Gauge / Thickness: 200PSI

Slope: 1/4:12

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

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

Insulation Base Layer: ENERGYGUARD RA

Base Insulation Size and Thickness: 4X4X1.5" MIN

Base Insulation Fastener/ Bonding Material: OLYBOND 500

Top Insulation Layer: SECUROCK GYPSUM FIBER ROOF BOARD

Top Insulation Size and Thickness: 4X4X.25

Top Insulation Fastener/Bonding Material:

OLYBOND 500

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

Base Sheet Fastener/ Bonding Material:

N/A

Ply Sheet(s) and No. of Ply(s): RUBEROID HW 25 SMOOTH, 1 PLY

Ply Sheet Fastener/ Bonding Material:

TORCH APPLIED (HEAT WELDED)

Top Ply: RUBEROID HW PLUS GRANULE FR

Top Ply Fastener/ Bonding Material:

TORCH APPLIED (HEAT WELDED)

Surfacing: N/A

Fastener Spacing for Anchor/Base Sheet Attachment: N/A

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

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

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

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

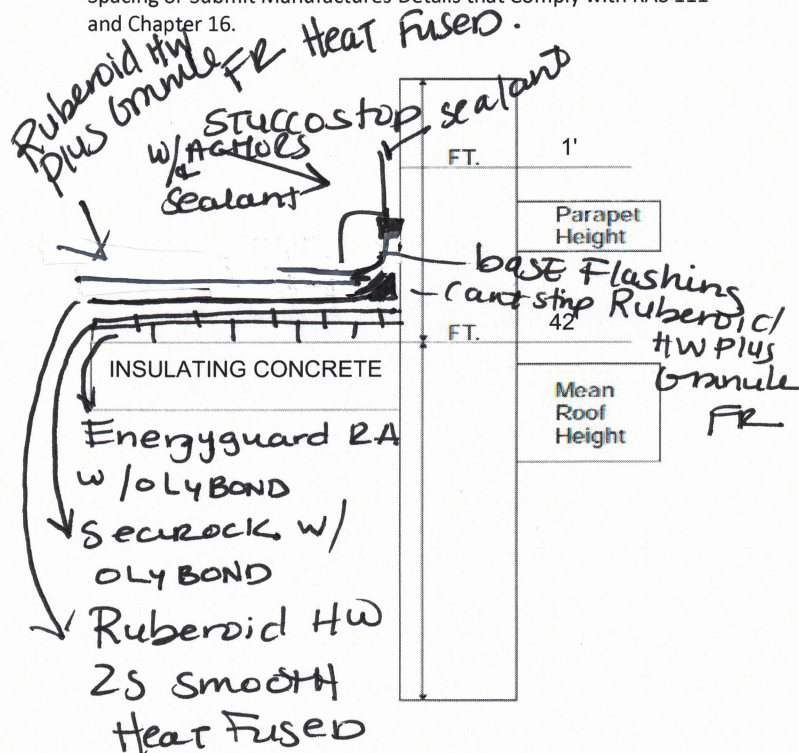
Number of Fasteners Per Insulation Board OLYBOND 500

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 Manufacturers Details that Comply with RAS 111 and Chapter 16.



**Miami-Dade County (MDC)
2020 HVHV Electronic Permit Form
Section D Metal Roof Panel**

Roof System Manufacturer: ROOFING EXPERTS SERVICES, INC

MDC Notice of Acceptance (NOA): 21-0603.28

Minimum Design Wind Pressures (psf) from 2020 RAS-127 or Calculations per ASCE 7-16

(P1) Field: ^{HIP/GABLE} -85/-93 (P2e) Perimeter Edges: ^{HIP/GABLE} -119/-93 (P2n) Gable Perimeter: ^{HIP/GABLE} n/a/-136
(P2r) Ridge Perimeter: ^{HIP/GABLE} -110/-136 (P3e) Overhang Corners: ^{HIP/GABLE} -119/-136 (P3r) Ridge Corners: ^{HIP/GABLE} -119/-162

Maximum design wind pressure from MDC NOA: -180

Complete the required roof assembly system components, if a component is not required mark the field N/A.

Roof Slope: 4 /12 **Roof Mean Height:** 42 ft. **Perimeter Width:** 6.2 ft.

Deck Type: -- 5/8" Plywood Deck --

Optional Nailable Surface:

N/A

Optional substrate attachment:

N/A

Optional Insulation:

N/A

Insulation Attachment:

N/A

Fire Barrier:

VERSASHIELD

Underlayment Type (UDL):

ASTM D 226 TYPE II #30 1 PLY

Fastener Type & Spacing for UDL Attachment:

1.25" R.S. NAILS AND TIN CAPS 12 O.C. @ FIELDS 6" O.C @ LAPS

Optional Peel & Stick Membrane:

N/A

Metal Roof Panel:

ENGLERT SERIES 1300 -0.032 ALUMINUM PANEL

Drip Edge Material:

ALUMINUM

Drip Edge Size & Gauge or Thickness:

3X3 .032 ALUMINUM

Drip Edge Hook Strip (continuous cleat)

N/A

Drip Edge Fastener & Attachment Spacing:

1.25" R.S. NAILS SPACED 4" OC.

Screw Type, Size and Gauge for Clip Attachment:

CORROSION RESISTANT #10 SELF TAPPING PAN HEAD SCREWS

Number of screws required per clip: 2

Screw Type, size, and Gauge for Through Panel Attachment, Sealing Washers Required:

CORROSION RESISTANT #10 SELF TAPPING PAN HEAD SCREWS

Clip or Screw Spacing for Metal Panel Attachment:

(P1): 16 in. o/c (P2e): 8 in. o/c
(P2n): 8 in. o/c (P2r): 8 in. o/c
(P3e): 8 in. o/c (P3r): 8 in. o/c