Florida Building Code 8th Edition (2023)

High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County

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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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REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

It is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this form. The owner's initials in the designated space indicates that the item has been explained.

☒ 1. **Aesthetics-workmanship:** The workmanship provisions of Chapter 15 (High Velocity Hurricane Zone) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance, that are not part of a zoning code, should be addressed as part of the agreement between the owner and the contractor.

☒ 2. **Renailing wood decks:** When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Chapter 16 (High Velocity Hurricane Zones) of the Florida Building Code. (The roof deck is usually concealed prior to removing the existing roof system).

☒ 3. **Common roofs:** Common roofs are those which have no visible delineation between neighboring units (i.e. townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.

☒ 4. **Exposed ceilings:** Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance; therefore, roofing nail penetrations of the underside of the decking may not be acceptable. The owner provides the option of maintaining this appearance.

☒ 5. **Ponding water:** The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate) in low-lying areas of the roof. Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.

☒ 6. **Overflow scuppers (wall outlets):** It is required that rainwater flow off so that the roof is not overloaded from a build up of water. Perimeter/edge walls or other roof extensions may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the requirements of: Chapter 15 and 16 herein and the Florida Building Code, Plumbing.

☒ 7. **Ventilation:** Most roof structures should have some ability to vent natural airflow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be reduced.

☒ 8. **Existing Solar Systems:** The re-installation of an existing roof mounted photovoltaic system requires a separate permit. Permit must be obtained in order to finalize the roofing permit.

X M. [illegible]
OWNER'S/AGEN'TS SIGNATURE

09 / 30 / 2026
DATE

[illegible]
CONTRACTOR'S SIGNATURE

PERMIT NUMBER

8034 NW 163 TER — PROPERTY ADDRESS
Miami Lakes
FL — STATE
33016 — ZIP

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Section A (General Information)

Master Permit Number: _____ Process Number: _____

Contractor's Name: LUCAS ROOF REPAIR CORP

Job Address: 8034 NW 163 TER Miami Lakes FL 33016

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): 0

Steep Sloped Roof Area (ft²): 3,000

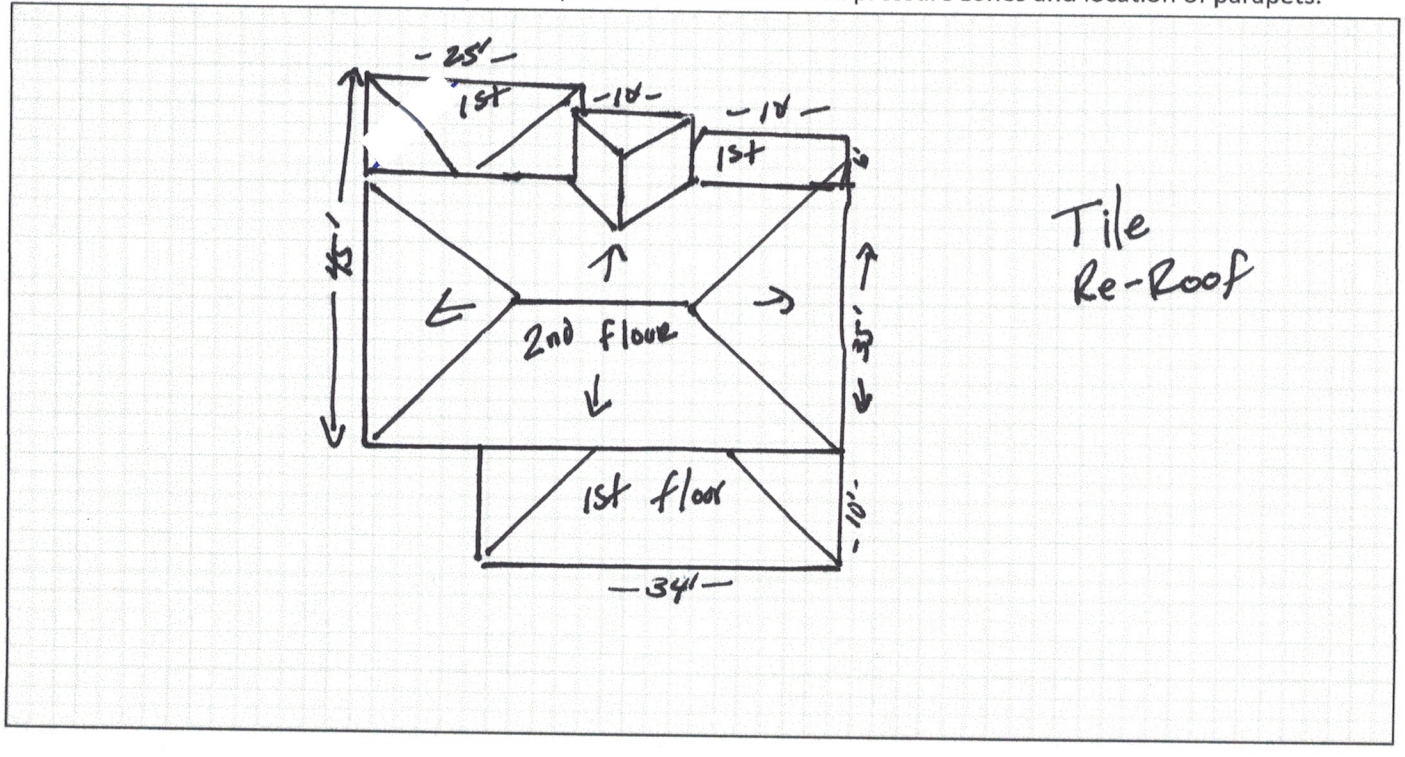
Total (ft²): 3,000

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.



N/A

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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: _____

Product Approval # _____

Design Wind Pressures, from RAS 128 or Calculations:

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

Zone 3: _____

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

Deck Type:_____

Gauge / Thickness:_____

Slope:_____

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

Anchor/ Base Sheet Fastener/ Bonding Material:

_____

Insulation Base Layer: _____

Base Insulation Size and Thickness: _____

Base Insulation Fastener/ Bonding Material:

_____

Top Insulation Layer: _____

Top Insulation Size and Thickness: _____

Top Insulation Fastener/Bonding Material:

_____

Base Sheet(s) & No. of Ply(s): _____

Base Sheet Fastener/ Bonding Material:

_____

Ply Sheet(s) and No. of Ply(s): _____

Ply Sheet Fastener/ Bonding Material:

_____

Top Ply: _____

Top Ply Fastener/ Bonding Material:

_____

Surfacing:

_____

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

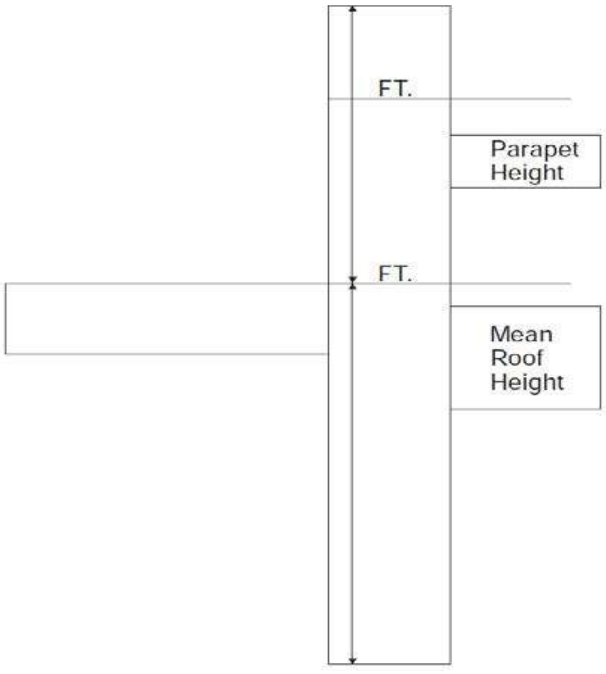
Zone 3 _____ " oc @ Laps, # Rows _____ @ _____" oc

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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Section D (Steep Sloped Roof System)

Roof System Manufacturer: Westlake Royal Roofing, LLC

Product Control Number: 22-0714.17

Minimum Design Wind Pressures, From Applicable RAS 127 Table or Calculations:

Zone1: 57 Zone 2: 78 Zone3: 78

Slope Range: ○ ≥ 2:12 to ≤ 4:12 ⊗ > 4:12 to ≤ 6:12 ○ > 6:12 to ≤ 12:12

Roof Shape: ⊗ All Hip Roof ○ Gable Roof or Partial Gable/Hip Roof

Deck Type: 5/8 PLYWOOD

Underlayment Type: Polyglass, Polystick Tu Plus

Roof Slope: 5 : 12

Insulation: N/A

Fire Barrier: N/A

Ridge Ventilation? N/A

Fastener Type & Spacing: back-nailed using 12 ga. x 1-1/4" long x 3/8 head diameter annular ring shank roofing nails with 32 ga., 15/8" diameter tin caps max 12" o.c.

Cap Sheet Type: Tilebond Two-paddy

Mean Roof Height: 20

Cap Sheet Attachment:

Roof Covering: Saxony 900 Concrete Roof Tile

Drip Edge Type & Size: 3x3' 26 GA Galvanized

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Section E (Tile Calculations)

For Moment based tile systems, choose Method 1. Compare the values for M_r with the values from M_f. If the M_f values are greater than or equal to the M_r values for each area of the roof, then the tile attachment method is acceptable.

Method 1* " Moment Based Tile Calculations per RAS 127"
Enter positive uplift pressures when using this table

(Zone 1: 57 x λ 0.315 = 17.95) – Mg: 7.34 = Mr_1 10.61 Product Approval Mf: 63

(Zone 2: 78 x λ 0.315 = 24.57) – Mg: 7.34 = Mr_{2e} 17.23 Product Approval Mf: 63

(Zone 3: 78 x λ 0.315 = 24.57) – Mg: 7.34 = Mr_{2n} 17.23 Product Approval Mf: 63

Tile attachment method: ***Alternate Tile attachment method*** :

Method 2 "Simplified Tile Calculations" only applicable in Broward County.

For Uplift Based tile systems use Method 3. Compare the values for F' with the values for Fr. If the F' values are greater than or equal to the Fr values for each area of the roof, then the tile attachment method is acceptable.

Method 3* "Uplift Based Tile Calculations per RAS 127"

(Zone 1: _____ x L = _____ x W = _____) – (w) x cos θ _____) = Fr_1 _____ Product Approval F': _____

(Zone 2: _____ x L = _____ x W = _____) – (w) x cos θ _____) = Fr_2 _____ Product Approval F': _____

(Zone 3: _____ x L = _____ x W = _____) – (w) x cos θ _____) = Fr_3 _____ Product Approval F': _____

Where to obtain information		
Description	**Symbol**	**Where to Find**
Design Pressure	Zones 1, 2, & 3	From the applicable Table in RAS- 127 or be an engineering analysis prepared by a PE based upon ASCE 7
Mean Roof Height	H	Job Site
Roof Slope	θ	Job Site
Aerodynamic Multiplier	λ	Product Approval / Notice of Acceptance
Restoring Moment due to Gravity	M_g	Product Approval / Notice of Acceptance
Attachment Resistance	M_f	Product Approval / Notice of Acceptance
Required Moment Resistance	M_r	Calculated
Minimum Attachment Resistance	F'	Product Approval / Notice of Acceptance
Required Uplift Resistance	F_r	Calculated
Average Tile Weight	w	Product Approval / Notice of Acceptance
Tile Dimensions	L=Length W= Width	Product Approval / Notice of Acceptance
All calculations must be submitted to the Building Official at the time of permit application.		

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6601 Main St, Suite 101 , 33014
Office: (305) 827-4015
Website: www.miamilakes-fl.gov
Email: buildingdepartment@miamilakes-fl.gov

SHEATHING AFFIDAVIT

Job Site Information			
Job Address:	8034 NW 163 TER Miami Lakes FL 33016	Permit Number:	
Roofing Company Information			
Roofing Company:	LUCAS ROOF REPAIR CORP	Name of Qualifier:	Ismael Barrios
Address:	3435 E 1st Ave Hialeah, FL		

I, Ismael Barrios, do hereby affirm:
(Print Name of Qualifier)

That I have personally inspected the re-nailing of the existing roof sheathing as required by Florida Building Code (FBC-B) Section 2322.2.8, for the area covered by the roofing permit referenced above and further state that the re-nailing of the sheathing meets the requirements of the current edition of the Florida Building Code (FBC-B) section 2322.2.

FBC Section (FB-B) 2322.2.2, board roof sheeting shall have a net thickness of not less than ¾ inch when the span is not more than 28 inches or 5/8 inch when the span is not more than 24 inches, shall have staggered joints and shall be nailed with 8d ring shank nails not less than two in each 6 inch board nor three in each 8 inch board at each support.

FBC Section (FBC-B) 2322.2.8, when existing roofs are re-roofed to the point that the existing roofing is removed down to the plywood sheathing, the existing roof sheathing shall be re-nailed with 8d ring shank nails (0.131 diameter by 2-1/2" long with a 0.281 diameter full round head). Power driven 8d ring shank nails shall be of the same dimensions. Nail spacing shall be six inches on center at panel edges, six inches on center at intermediate supports and where applicable 10d nails four inches on center over gable ends and sub fascia. Existing fasteners may be utilized to achieve such minimum spacing.

Qualifier/Contractor Signature

09/30/2026
Date

Ismael Barrios, having first being duly sworn, do affirm the statement above to
(Print Name of Qualifier/Contractor)

be true and correct by his own personal knowledge.

Notary

(Seal/Stamp)

Karen Chavez
Commission # HH 735912
Commission Expires 10-28-2029
Bonded Through - Cynanotary
Florida - Notary Public

Date

_____ Personally known to me

✓ Produced photo ID/Type of ID FLDL

OWNER'S AFFIDAVIT OF EXEMPTION
ROOF TO WALL CONNECTION HURRICANE MITIGATION RETROFIT FOR EXISTING SITE-BUILT SINGLE FAMILY RESIDENTIAL STRUCTURES
PURSUANT TO §553.844 F.S.

Date: 09/30/2026

To: Town of Miami Lakes Building Department
6601 Main Street
Miami Lakes, Florida 33014

Re: Owner's Name: MICHAEL DEARMAS

Property Address: 8034 NW 163 Ter. Miami Lakes, FL 33016

Roofing Permit Number: _____

Dear Building Official:

I, Michael Dearmas certify that I am not required to retrofit the roof to wall connections of
Property Owner

my building because:

Property Owner Must Initial Each Line

- [X] The just valuation for the structure for purposes of ad valorem taxation in less than $300,000.00.
- [X] The building was constructed in compliance with the provisions of the Florida Building Code (FBC).
- [X] The Building has an insured value of less than $300,000 or if the building is uninsured for which documentation of insured value is not presented

X M. D.
Signature of Property Owner

MICHAEL DEARMAS
Print Name

STATE OF FLORIDA COUNTY OF MIAMI-DADE
Sworn to and subscribed before me this 30
day of September, 2026

NOTARY PUBLIC STATE OF FLORIDA (SEAL)
Karen Chavez
Commission # HH 735912
Commission Expires 10-28-2029
Bonded Through - Cynanotary
Florida Notary Public

___ Personally known
_✓_ or Produced Identification

When the just valuation of the structure for purposes of ad valorem taxation is equal to or more than $300,000.00, and the building was not constructed in compliance with the FBC, and affidavit of Roof to Wall Connection Hurricane Mitigation Retrofit must be provided.