Miami **S**hores **V**illage
Building Department
10050 N.E.2nd Avenue
Miami Shores, Florida 33138
Tel: (305) 795.2204
Fax: (305) 756.8972

ROOF PERMIT REQUIREMENTS

1. PERMIT APPLICATION. (SIGNED AND NOTIREZED BY BOTH OWNER AND CONTRACTOR)
2. OWNERS AFFIDAVIT OF EXEMPTION, F.S. 553.844
3. AFFIDAVIT OF COMPLIANCE WITH ROOF TO WALL CONNECTION FOR HURRICANE MITIGATION.
4. PRODUCT APPROVAL. (2 SETS)
   - Front page.
   - Specific system description.
   - Specific system limitation.
   - General system limitations.
   - Fire Directory Listing Page.
5. DESIGN CALCULATIONS PER CHAPTER 16. OR IF APPLICABLE RAS 127 OR RAS 128. (2 SETS)
6. ROOF PERMIT PACKAGE (2 SETS)
7. OWNERS ROOFING CONSIDERATION (REROOFING ONLY)
8. $50 SUBMITTAL FEE.

REVISED ON 7/9/09;07/01/2015;

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OWNERS'S AFFIDAVIT OF EXEMPTION

ROOF TO WALL CONNECTION HURRICANE MITIGATION RETROFIT FOR EXISTING SITE-BUILT SINGLE FAMILY RESIDENTIAL STRUCTURES

PERSUANT TO SECTION 553.844 F.S.

To: Miami Shores Village Building Department
10050 NE 2nd Ave
Miami Shores, Fl 33138

Date: _____

Re: Owner's Name: _____

Property Address: _____

Roofing Permit Number: _____

Dear Building Official:

I _____ certify that I am not required to retrofit the roof to wall connections of my building because:

□ The just valuation for the structure for purpose of ad valorem taxation is less than $300,000.00. Please attach proof of ad valorem taxation.

□ The building was constructed in compliance with the provisions of the Florida Building Code (FBC) or with the provisions of 1994 edition of the South Florida Building Code (1994 SFBC)

_____ _____

Signature Print Name

State of Florida
County of Dade

The undersigned, being the first duly sworn, deposes and says that he/she is the owner for the above property mentioned.

Sworn to and subscribed before me this _____day of _____

Notary Public, Sate of Florida at Large _____

- When the just valuation of the structure for purpose of ad valorem taxation is equal to or more than $300,000.00, and the building was not constructed with FBC nor a 1994 SFBC. Then you must provide a building application from a General Contractor for the Roof to Wall connection Hurricane Mitigation.

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AFFIDAVIT OF COMPLIANCE WITH ROOF TO WALL CONNECTION HURRICANE MITIGATION RETROFIT FOR EXISTING SITE-BUILT SINGLE FAMILY RESIDENTIAL STRUCTURES PURSUANT TO SECTION 553.844 F.S.

To: Miami Shores Village Building Department
10050 NE 2nd Ave
Miami Shores, Fl 33138

Date: _____

Re: Owner's Name: _____

Property Address: _____

Roofing Permit Number: _____

Dear Building Official:

I _____ certify that I have improved the roof to wall connections of the referenced property as required by the Manual of Hurricane Mitigation Retrofits for Existing Site-Built Single Family Residential Structures as adopted by the Florida Building Commission by Rule 9B-3.047 F.A.C.

_____ _____

Signature Print Name

State of Florida
County of Dade

The undersigned, being the first duly sworn, deposes and says that he/she is the owner for the above property mentioned.

Sworn to and subscribed before me this _____ day of _____ 20_____

Notary Public, Sate of Florida at Large _____

(SEAL)

FINAL COMPLIANCE

Revised on 5/21/2009

Miami Shores Village
Building Department
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Miami Shores, Florida 33138
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Fax: (305) 756.8972

RE: Permit #_____ DATE: _____

INSPECTION AFFIDAVIT

I _____ licensed as a (n) Contractor / Engineer / Architect,
(Print name and circle License Type) FS 468 Building Inspector

License #: _____

On or about _____, I did personally inspect the roof deck nailing
(Date & time)

work at _____
(Complete Job Site Address)

Based upon that examination I have determined the installation was done according to the Hurricane Mitigation Retrofit Manual (Based on 553.844 F.S)

_____
Signature

State of Florida
County of Dade:

The undersigned, being the first duly sworn, deposes and says that he/she is the contractor for the above property mentioned.

Sworn to and subscribed before me this _____day of _____

Notary Public, Sate of Florida at Large _____

*General, Building, Residential, or Roofing Contractors or any individual certified under 468 F.S. to make such an inspection. Include photographs of each plane of the roof with permit # and address # clearly shown marked on the deck for each inspection

SECTION 1525
HIGH-VELOCITY HURRICANE ZONES UNIFORM PERMIT APPLICATION

Florida Building Code 5th Edition (2014)
High-Velocity Hurricane Zone Uniform Permit Application Form

INSTRUCTION PAGE

COMPLETE THE NECESSARY SECTIONS OF THE UNIFORM ROOFING PERMIT APPLICATION FORM AND ATTACH THE REQUIRED DOCUMENTS AS NOTED 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
Prescriptive BUR-RAS 150	A,B,C	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 of Product Approval
5.	Municipal Permit Application
6.	Owners Notification for Roofing Considerations (Reroofing Only)
7.	Any Required Roof Testing/Calculation Documentation

Florida Building Code 5th Edition (2014)

High-Velocity Hurricane Zone Uniform Permit Application Form.

Section A (General Information)

Master Permit No._____ Process No. _____

Contractor's Name_____

Job Address_____

ROOF CATEGORY

- ☐ Low Slope
- ☐ Asphaltic Shingles
- ☐ Mechanically Fastened Tile
- ☐ Metal Panel/Shingles
- ☐ Prescriptive BUR-RAS 150
- ☐ Mortar/Adhesive Set Tiles
- ☐ Wood Shingles/Shakes

ROOF TYPE

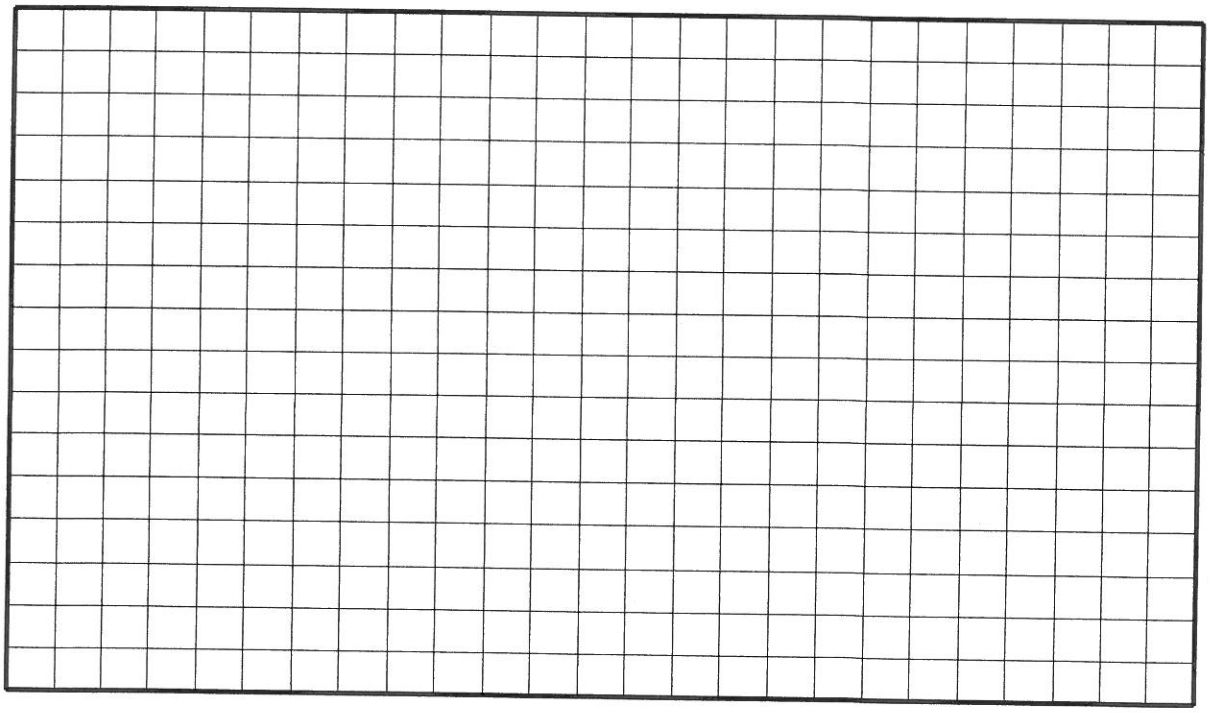
☐ New roof ☐ Repair ☐ Maintenance ☐ Reroofing ☐ Recovering

ROOF SYSTEM INFORMATION

Low Slope Roof Area (SF)_____ Steep Sloped Roof AREA (SSF)_____ Total (SF)_____

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.



Florida Building Code 5th Edition (2014)
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:_____

Product Approval No.:_____

Design Wind Pressures, From RAS 128 or Calculations:

P1:_____ P2:_____ P3:_____

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) & No. of Ply(s): _____

Ply Sheet Fastener/Bonding Material:

_____

Top Ply: _____

Top Ply Fastener/Bonding Material:

_____

Surfacing: _____

Fastener Spacing for Anchor/Base Sheet Attachment:

Field: ____" oc @ Lap, # Rows ____ @ ____" oc

Perimeter: ____" oc @ Lap, # Rows ___ @ ____" oc

Corner: ____" oc @ Lap, # Rows ____ @ ____" oc

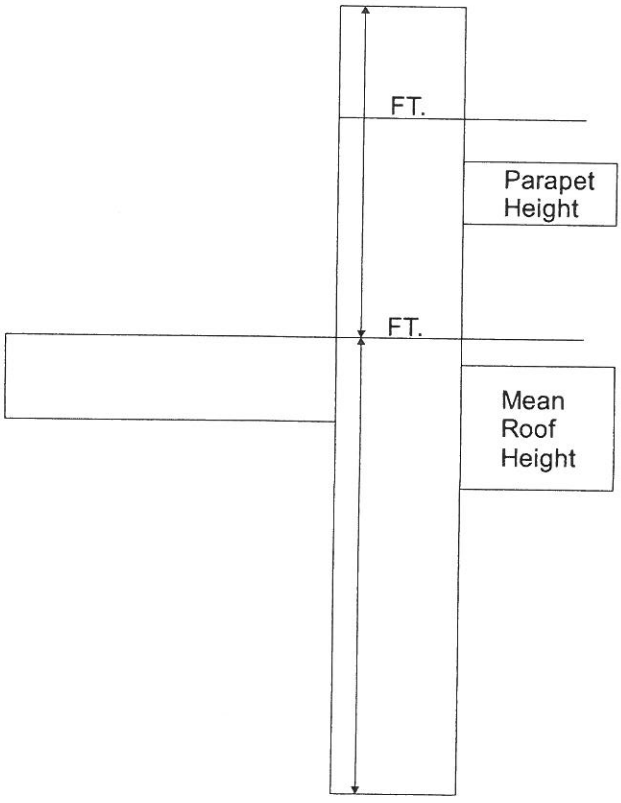
Number of Fasteners Per Insulation Board:

Field _____ Perimeter _____ Corner _____

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.



***Florida Building Code* 5th Edition (2014)**
High-Velocity Hurricane Zone Uniform Permit Application Form

Section D (Steep Sloped Roof System)

:

Roof System Manufacturer: _____

Notice of Acceptance Number: _____

Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations):
P1: _____ P1: _____ P1: _____

Roof Slope:
_____: 12

Ridge Ventilation?
_____

Mean Roof Height: _____

Deck Type:

Type Underlayment:

Insulation:

Fire Barrier:

Fastener Type & Spacing:

Adhesive Type:

Type Cap Sheet:

Roof Covering:

Type & Size Drip Edge:

Florida Building Code 5th Edition (2014)

High-Velocity Hurricane Zone Uniform Permit Application Form.

Section E (Tile Calculations)

For Moment based tile systems, choose either Method 1 or 2. 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"

(P1:____ x λ ____ = ____) – Mg: ____ = M_{r1} ____ Product Approval M_f _____

(P2:____ xλ ____ = ____) – Mg: ____ = M_{r2} ____ Product Approval M_f _____

(P3:____ xλ ____ = ____) – Mg: ____ = M_{r3} ____ Product Approval M_f _____

Method 2 "Simplified Tile Calculations Per Table Below"

Required Moment of Resistance (M_r) From Table Below _____ Product Approval M_f _____

M_r required Moment Resistance*					
Mean Roof Height Roof Slope	15′	20′	25′	30′	40′
2:12	34.4	36.5	38.2	39.7	42.2
3:12	32.2	34.4	36.0	37.4	39.8
4:12	30.4	32.2	33.8	35.1	37.3
5:12	28.4	30.1	31.6	32.8	34.9
6:12	26.4	28.0	29.4	30.5	32.4
7:12	24.4	25.9	27.1	28.2	30.0

*Must be used in conjunction with a list of moment based tile systems endorsed by the Broward County Board of Rules and Appeals.

For Uplift based tile systems use Method 3. Compared 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"

(P1:____ x L ____ = ____ x w: = ____) – W: ____ x cos Θ ____ = F_{r1} ____ Product Approval F' _____

(P2:____ x L ____ = ____ x w: = ____) – W: ____ x cos Θ ____ = F_{r2} ____ Product Approval F' _____

(P3:____ x L ____ = ____ x w: = ____) – W: ____ x cos Θ ____ = F_{r3} ____ Product Approval F' _____

Where to Obtain Information		
Description	**Symbol**	**Where to find**
Design Pressure	P1 or P2 or P3	RAS 127 Table 1 or by an engineering analysis prepared by PE based on ASCE 7
Mean Roof Height	H	Job Site
Roof Slope	Θ	Job Site
Aerodynamic Multiplier	λ	Product Approval
Restoring Moment due to Gravity	M_g	Product Approval
Attachment Resistance	M_f	Product Approval
Required Moment Resistance	M_g	Calculated
Minimum Attachment Resistance	F'	Product Approval
Required Uplift Resistance	F_r	Calculated
Average Tile Weight	W	Product Approval
Tile Dimensions	L = length W = width	Product Approval
All calculations must be submitted to the building official at the time of permit application.		

SECTION 1524
HIGH VELOCITY HURRICANE ZONES – REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

1524.1 Scope. As it pertains to the section, it is the responsibility of roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of the section. The provisions of Section R4402 govern the minimum requirements and standards of the industry for roofing system installations. Additionally, the following items should be addressed as part of the agreement between the owner ant the contractor. The owner's initial in the designated space indicates that the item has been explained.

2. _____**Renailing wood decks:** When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Section R4403. (The roof deck is usually concealed prior to removing the existing roof system).

4. _____**Exposed Ceiling:** 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 penetration of the underside of the decking may not be acceptable. This provides the option of maintaining the appearance.

6. _____**Overflow scuppers (wall outlets):** It is required that rainwater flows off so that the roof is not overloaded from a buildup of water. Perimeter/edge wall or other roof extension 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 Sections R4402, R4403 and R4413.

_____ _____

Owner/Agent's Signature Date Contractor Signature Date

_____ _____

Property Address Permit Number

Revised on 7/9/2009 LD;07/01/2015;