



# City of Miami Gardens

Development Services - Building Services

18605 NW 27th Avenue, City Hall, 1st Floor

Miami Gardens, FL 33056

305-622-8027 (Office) 305-626-4220 (Fax)

[www.miamigardens-fl.gov](http://www.miamigardens-fl.gov)

## PERMIT APPLICATION

FOR OFFICE USE ONLY

Process No.: \_\_\_\_\_

Date Applied: \_\_\_\_\_

Clerk: \_\_\_\_\_

Date Issued: \_\_\_\_\_

Applied for under: **FLORIDA BUILDING CODE**

### Location of Improvements: (USE BLACK OR BLUE INK ONLY)

Job Site Address: \_\_\_\_\_ Master Permit No.: \_\_\_\_\_

Building No.: \_\_\_\_\_ Suite No.: \_\_\_\_\_ Tax Folio No.: \_\_\_\_\_

Lot: \_\_\_\_\_ Block: \_\_\_\_\_ Subdivision: \_\_\_\_\_ PB Page: \_\_\_\_\_

Current Use: \_\_\_\_\_ Proposed Use: \_\_\_\_\_

### Property Owner Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Work: \_\_\_\_\_ Email: \_\_\_\_\_

### Lessee Information/Owner's Agent:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Work: \_\_\_\_\_ Email: \_\_\_\_\_

### Contractor Information:

License No.: \_\_\_\_\_

Name: \_\_\_\_\_ Qualifier's Name: \_\_\_\_\_

Address: \_\_\_\_\_ Email: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Other Telephone: \_\_\_\_\_

### Information of Authorized Person to Pick up Permit:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Work: \_\_\_\_\_ Email: \_\_\_\_\_

### Type of Improvement (Detailed Scope of work):

Zoning: \_\_\_\_\_ Construction Cost: \_\_\_\_\_ Construction Type: \_\_\_\_\_

Square Feet: \_\_\_\_\_ Lineal Feet: \_\_\_\_\_ Group Occupancy: \_\_\_\_\_

No. of Units: \_\_\_\_\_ No. of Floors: \_\_\_\_\_ Gallons: \_\_\_\_\_ Building Height: \_\_\_\_\_

<input type="radio"/> RESIDENTIAL (R)	<input type="radio"/> COMMERCIAL (C)	<input type="radio"/> MULTI-FAMILY (M)
<input type="radio"/> Building Permit	<input type="radio"/> Electrical Permit	<input type="radio"/> Mechanical Permit
<input type="radio"/> Awning Canopies	<input type="radio"/> Parking Lots	<input type="radio"/> Signs
<input type="radio"/> Commercial	<input type="radio"/> Swimming Pools	<input type="radio"/> Slabs
<input type="radio"/> Demolition	<input type="radio"/> Residential	<input type="radio"/> Temp Work
<input type="radio"/> Fence	<input type="radio"/> Roof	<input type="radio"/> Temp Trailers
<input type="radio"/> Gutters	<input type="radio"/> Sheds	<input type="radio"/> Windows Doors
<input type="radio"/> Feeders	<input type="radio"/> Electric Services	<input type="radio"/> Electric System
<input type="radio"/> Boiler Install	<input type="radio"/> Fire Sprinklers	<input type="radio"/> Settling Tanks
<input type="radio"/> Water Treatment Plants	<input type="radio"/> Temp Services	<input type="radio"/> Other: _____
<input type="radio"/> Change of Contractor/Architect/Engineer	<input type="radio"/> Change of Qualifier	<input type="radio"/> Re-Certification of Plans
<input type="radio"/> Revision of Plans	<input type="radio"/> Permit Renewal	

### Architect Information:

License No.: \_\_\_\_\_

Name: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

### Engineer Information:

License No.: \_\_\_\_\_

Name: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

### Flood Criteria

Flood Zone \_\_\_\_\_ B.F.E. \_\_\_\_\_ Map # \_\_\_\_\_ Date: \_\_\_\_\_

Property Market Value	Construction Job Value	Improvement Ratio	Square Footage	Bottom of Lowest Structural Horizontal Member Elevation

**ALL FIELDS MUST BE FILLED IN OR APPLICATION WILL BE DENIED PROCESS**

**ATTENTION ♦ IMPORTANT NOTICE - PLEASE READ CAREFULLY ♦ ATTENTION**

**A NOTICE OF COMMENCEMENT MUST BE RECORDED WHEN JOB VALUE EXCEEDS \$ 2,500.00. PERMIT CARD, PLANS AND THE RECORDED NOTICE OF COMMENCEMENT MUST BE VISIBLY POSTED, IN GOOD CONDITION AND ACCESSIBLE AT ALL TIMES ON THE JOBSITE.**

**Work may begin only after receiving a validated permit and permit card. Application submission alone does not grant the right to begin construction**

**Owner Agents must have an affidavit on file or one must be submitted with the permit application.**

**Qualifier's Affidavit:** Application is hereby made to obtain a permit to do work and installation as indicated on the form. I certify that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that separate permits are required for ELECTRICAL, PLUMBING, POOL, EXTERIOR DOOR, MECHANICAL WINDOW, FENCE, DRIVEWAY, ROOFING AND SIGN(S) WORK; and that additional permits may be required by other government agencies.

**Lessee's Affidavit:** Lessee certified that he/she has full consent and authorization from the owner of subject property to perform the work mentioned and to hire captioned contractor.

**Owner's Affidavit:** I certified that the forgoing information is correct. Owner certifies that the aforementioned contractor has the authorization to perform the work as specified.

**Owner Builder's Hold Harmless: (ONLY VALID FOR OWNER-BUILDER PERMITS)**

- \_\_\_\_\_ I am personally responsible for knowledge of all applicable laws and regulations.
- \_\_\_\_\_ I will personally reside in the house after completion and have issuance of a Certificate of Occupancy.
- \_\_\_\_\_ Neither I, nor any member of my immediate household family, have made an application for, or have been issued either an Owner-Builder permit or Certification of Occupancy based on an Owner-Builder permit for a single family residence within the past three (3) years.
- \_\_\_\_\_ I will be on the premises either supervising or performing the action work at all times. I will submit an accepted form of identification upon request by the Building Department's agent.
- \_\_\_\_\_ I understand that if an inspection is not approved after three (3) attempts, the Inspector may place a Stop Work Order on the job; and require that a licensed contractor complete the work.
- \_\_\_\_\_ I understand that any person whom I may wish to hire to aid me in the construction of my home, except common laborers, must hold a valid Dade County Certificate of Competency or be a State Certified contractor. All employees hired by me shall be covered by Workers Compensation Insurance. (Typically home-owner's insurance does not provide this coverage; please check with you insurance carrier.)
- \_\_\_\_\_ I understand all the requirements and responsibilities involved in obtaining an owner-builder permit.

I, have read and understood the forgoing disclosure, and am aware of my responsibilities and liabilities under my application for a building construction work on the described property. I further understand that failure to comply with all the required regulations may cause the revocation and/or denial of the permit and/or certificate of occupancy.

**Notarized Signature of Property Owner/Agent**

\_\_\_\_\_  
Signature of Property Owner/Agent  
State of Florida, County of Miami -Dade  
Sworn and subscribed to me this:  
\_\_\_\_\_  
**Month Day Year**  
Personally Known or Identification:  
\_\_\_\_\_  
(Type of ID and expiration date)

\_\_\_\_\_  
Printed Name of Property Owner/Agent  
\_\_\_\_\_  
Signature of Notary Public  
Notary Public Stamp:

**Notarized Signature of Lessee**

\_\_\_\_\_  
Signature of Property Lessee  
State of Florida, County of Miami -Dade  
Sworn and subscribed to me this:  
\_\_\_\_\_  
**Month Day Year**  
Personally Known or Identification:  
\_\_\_\_\_  
(Type of ID and expiration date)

\_\_\_\_\_  
Printed Name of Property Lessee  
\_\_\_\_\_  
Signature of Notary Public  
Notary Public Stamp:

**Notarized Signature of Qualifier/Owner-Builder**

\_\_\_\_\_  
Signature of Property Qualifier  
State of Florida, County of Miami -Dade  
Sworn and subscribed to me this:  
\_\_\_\_\_  
**Month Day Year**  
Personally Known or Identification:  
\_\_\_\_\_  
(Type of ID and expiration date)

\_\_\_\_\_  
Printed Name of Property Qualifier  
\_\_\_\_\_  
Signature of Notary Public  
Notary Public Stamp:

		Building				Mechanical
		Flood Plain Mgr				Electrical
		Public Works				Structural
		Plumbing				Zoning
Date	Signature	Approvals		Date	Signature	Approvals

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## OWNER-BUILDER DISCLOSURE STATEMENT

The laws governing the State of Florida provide that a sole qualified owner may make application for a permit, provided the work under said permit is exclusively for the owner's occupancy and use. No more than one permit will be issued, to an owner-builder in a twelve (12) month period for a new Single Family Residence. The law requires that we provide you with the following disclosure statement:

*State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law (FRS. 489.103.) The exemption allows you, as the owner, of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build, or improve a one-family or two-family residence. You may also build or improve a commercial building at a cost of \$75,000.00 or less.*

*The building must be for your own use and occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within one (1) year after the construction is completed, the law will presume that you have built it for sale or lease, which is a violation of the exemption. You may not hire an unlicensed person to act as your contractor or subcontractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have the licenses required, by state law and by county and municipal ordinance. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed, must work under your supervision and must be employed by you, which means you must deduct FICA and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, Florida Building Code, and zoning regulations.*

### PROOF OF OWNERSHIP:

Legal description and name of document of proof must correspond to the name and legal description of the application. You must submit proof of ownership of the property concerned in the application as:

- \* Recorded Quit Claim Deed;
- \* Recorded Special Warranty Deed;
- \* Recorded Warranty Deed;
- \* Miami Dade County Tax Receipt;
- \* For Commercial Properties a copy of lease, if applicable.

### INSURANCE:

You should be advised that if your day labor employees cause any damage to persons or property, or if any of your day labor employees are injured on the job, **YOU ARE LIABLE**. Your regular home insurance policy ordinarily does not cover this type of liability.

### DEMOLITION WORK:

In addition to meeting Florida Building Code requirements, you are responsible for disconnecting all utilities, including water, sewer, septic tank, electrical services, gas, telephone, cable TV, etc., prior to commencing demolition. You are also required to obtain a permit from the State of Florida Department of Health and Rehabilitation Services (DOH) in order to abandon any septic tank that is on the property.

**NOTICE: SEPARATE PERMITS ARE REQUIRED FOR BUILDING, ELECTRICAL, SEPTIC TANK, PLUMBING, ROOFING AND MECHANICAL WORK**

### IMPORTANT NOTICE - Please Read

1. **Work may begin** only after receiving a validated permit and permit card. Applying of a permit does not grant the right to begin construction.
2. **The construction, demolition, alteration and/or repair of any building** shall take place between the hours of 7:00 a.m. to 8:00 p.m. on weekdays.
3. **All construction or demolition areas** must be maintained in a clean, neat and sanitary condition free from construction debris.
4. **Streets and neighboring properties** surrounding the construction site shall be kept free from dirt and debris.
5. **Swales** must be protected from being damaged by equipment or vehicles.
6. **Construction trailers** are prohibited on single-family residential construction sites. Other construction may have a trailer, which requires a separate permit.
7. Department of Health and Rehabilitative Services (HRS) approval is required for applications involving **septic tanks**. Department of Environmental Resource Management (DERM) and/or Miami-Dade Water and Sewer Department (MDWASA) approval is required for applications involving **sewers**.
8. **Portable toilets** for a construction site requires a separate permit.
9. **Do no discharge water** into the right of way or storm drains without approval from the Bldg. , Planning/Zoning Departments.
10. **Equipment and materials** shall be stored at least 10 feet from the edge of the right-of-way.
11. **Permit card, Permit and Plans** must be kept on site, be visible at all times, and be in good condition.
12. **Owner agents** must have an affidavit on file or one must be brought with the permit application
13. **Condo Association Letter of Approval** must be brought with the permit application.



**Tile / Tile (Mortar Set) / Metal / Others (Wood Shingles & Shakes) Roof Application**

<u>Fee Code</u>	<u>Description</u>	<u>Fee Calculation</u>	<u>Unit</u>	<u>No. Of Units</u>	<u>Fee</u>
B908	Tile Roof (All Groups)	\$0.17 per sq ft of roof coverage	Sq Ft	_____	_____
B908	Metal Roof (All Groups)	\$0.17 per sq ft of roof coverage	Sq Ft	_____	_____
B908	Lightweight Concrete	Flat Fee \$126.75			_____

Minimum Code Requirements:

**Tile Roof** - As per Notice of Acceptance and Product Control Approvals.

**Tile (Mortar Set) Roof** - One layer of No. 30 felt tin capped 12” o.c. One layer of No. 90 ASTM mineral surfaced slate set in hot asphalt. Minimum 26 gauge galvanized eaves drip and valley metal. Tile set in appropriate mortar base as per Notice of Acceptance. Pull test required prior to final inspection.

**Metal Roof** - See Chapter 34 of the FBC Manufacturer’s Specifications, Protocols and Product Control Approvals.

Required Inspections:

**Tile Roof**            135 – Tin Cap  
                              137 – Mop in Progress  
                              138 – Shingle/Tile in Progress  
                              199 – Final

**Tile (Mortar Set) Roof**    134 – Sheathing  
                                      135 – Tin Cap  
                                      138 – Shingle/Tile in Progress  
                                      199 – Final

**Metal Roof**            138 – Shingle/Tile in Progress  
                              199 – Final

Roof Pitch Requirements:

**Tile Roof**            As per Notice of Acceptance

**Tile (Mortar Set) Roof**    As per Notice of Acceptance

**Metal Roof**            As per Notice of Acceptance

**WARNING**

Florida Statutes provides for fines in the amount of \$500.00 to \$5000.00 for any consumer (owner-builders, contractors, etc.) who “aids and abets the unlicensed practice of a professional by employing such unlicensed person.”

A Product Control “Notice of Acceptance” and method of installation must be provided at time of permit application and posted at jobsite for inspection on all roofing systems.

Under penalties of perjury, I declare that to the best of my knowledge, the facts stated in this document are true. I understand that perjury is a felony of the third degree.

\_\_\_\_\_

**Qualifier’s Signature**



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## Contractor Affidavit Residential Re-Roofing ONLY

Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

**Reference:** Permit Number: \_\_\_\_\_  
Jobsite Address: \_\_\_\_\_  
Contractor Name: \_\_\_\_\_  
Phone Number: \_\_\_\_\_

In accordance with Florida Statute 553.844, Please be advised that a **Secondary Water Barrier shall be installed on to the existing roof**. For this requirement I the roofing contractor certify by this notarized statement that the following will be installed:

- a. All joints in the roof sheathing or decking shall be covered with a minimum 4" wide strip of approved self adhering polymer modified bitumen tape applied directly to sheathing or decking; or
- b. Asphalt impregnated #30 felt underlayment attached with nails and tin-caps complying with the HVHZ standards of the FBC 2004 edition, and covered with self-adhering polymer modified bitumen cap sheet or an approved hot mop application; **Check this box if installing flat system, tile or metal.**
- c. The entire roof deck shall be covered with an approved asphalt impregnated 30# felt underlayment installed with nails and tin-tabs as required for the HVHZ. (No additional underlayment shall be required over the top of this sheet). **Check this box if installing shingle on sloped roof.**

### Notarized Signature of Applicant

\_\_\_\_\_  
Signature of Applicant

State of Florida, County of Miami -Dade

Sworn and subscribed to me this:

\_\_\_\_\_  
**Month**      **Day**      **Year**

Personally Known or Identification:

\_\_\_\_\_  
(Type of ID and expiration date)

\_\_\_\_\_  
Printed Name of Applicant

\_\_\_\_\_  
Signature of Notary Public

Notary Public Stamp:



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## HIGH-VELOCITY HURRICANE ZONES UNIFORM PERMIT APPLICATION

### FLORIDA BUILDING CODE HVHZ

High-Velocity Hurricane Zones Uniform Permit Application Form.

### INSTRUCTION PAGE

**COMPLETE THE NECESSARY SECTION 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





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## Florida Building Code HVHZ

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:

Pmax1: \_\_\_\_\_ Pmax2: \_\_\_\_\_ Pmax3: \_\_\_\_\_

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

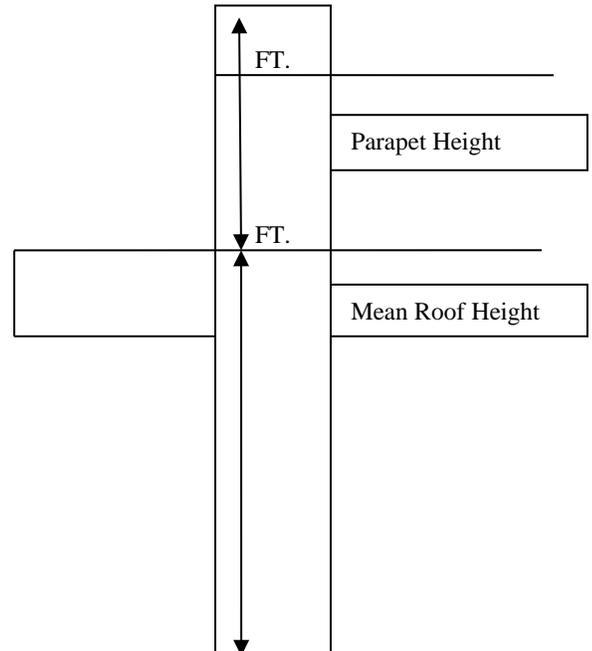
**Number of Fasteners per insulation Board:**

Field \_\_\_\_\_ Perimeter \_\_\_\_\_ Corner \_\_\_\_\_

**Illustrate components noted and details as applicable:**

Wood blocking, Gutter, Edge Termination, Stripping, Flashing Continuous Cleat, Cant Strip, Base Flashing Counter-Flashing, 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 FBC.





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## Florida Building Code HVHZ

High-Velocity Hurricane Zone Uniform Permit Application Form.

### Section D (Steep Slope Roof System)

<b>Roof System Manufacturer:</b> _____
<b>Notice of Acceptance Number:</b> _____
<b>Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations):</b> <b>P1:</b> _____ <b>P2:</b> _____ <b>P3:</b> _____

<u>Steep Sloped Roof System Description</u>	
Roof Slope: _____: 12	Deck Type: _____
Ridge Ventilation? _____	Type Underlayment: _____
Mean Roof Height: _____	Insulation: _____
	Fire Barrier: _____
	Fastener Type & Spacing: _____
	Adhesive Type: _____
	Type Cap Sheet: _____
	Roof Covering: _____
	Type & Size Drip Edge: _____



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## Florida Building Code HVHZ

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 base Tile Calculations Per RAS 127"

$$\begin{aligned} (P_1: \quad \quad \times \lambda \quad \quad = \quad \quad) - Mg: \quad \quad = M_{r1} \quad \quad & \text{Product Approval } M_f \quad \quad \\ (P_2: \quad \quad \times \lambda \quad \quad = \quad \quad) - Mg: \quad \quad = M_{r2} \quad \quad & \text{Product Approval } M_f \quad \quad \\ (P_3: \quad \quad \times \lambda \quad \quad = \quad \quad) - Mg: \quad \quad = M_{r3} \quad \quad & \text{Product Approval } M_f \quad \quad \end{aligned}$$

#### Method 2 "Simplified Tile Calculations Per Table Below"

Required Moment of Resistance ( $M_r$ ) from Table Below \_\_\_\_\_ Product Approval  $M_f$  \_\_\_\_\_

M <sub>r</sub> 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 system use method 3. Compared the values for  $F'$  with the values for  $F_r$ . If the  $F'$  values are greater than or equal to the  $F_r$  values, for each area of the roof, then the tile attachment method is acceptable.

#### Method 3 "Moment Based Tile Calculation Per RAS 127"

$$\begin{aligned} (P_1: \quad \quad \times L \quad \quad = \quad \quad \times w \quad \quad) - W: \quad \quad \times \cos \theta \quad \quad = F_{r1} \quad \quad & \text{Product Approval } F' \quad \quad \\ (P_2: \quad \quad \times L \quad \quad = \quad \quad \times w \quad \quad) - W: \quad \quad \times \cos \theta \quad \quad = F_{r2} \quad \quad & \text{Product Approval } F' \quad \quad \\ (P_3: \quad \quad \times L \quad \quad = \quad \quad \times w \quad \quad) - W: \quad \quad \times \cos \theta \quad \quad = F_{r3} \quad \quad & \text{Product Approval } F' \quad \quad \end{aligned}$$

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	$\theta$	Job Site
Aerodynamic Multiplier	$\lambda$	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.



# City of Miami Gardens

Development Services - Building Services  
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## HIGH-VELOCITY HURRICANE ZONES REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

As it pertains to this section, 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 section. The provisions of Chapter 15 of the Florida Building Code, Building 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 and the contractor. The owner's initial 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. **Re-nailing wood decks:** When replacing roofing, the existing wood roof deck may have to be re-nailed in accordance with the current provisions of Chapter 16 (High-Velocity Hurricane Zones) of the. (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 flows off so that the roof is not overloaded from a buildup 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. It may be beneficial to consider additional venting which can result in extending the service life of the roof.

<b>Owner's/Agent's Signature</b>	<b>Date</b>	<b>Contractor's Signature</b>	<b>Date</b>
<b>Property Address</b>		<b>Process/Permit Number</b>	

# NOTICE OF COMMENCEMENT

A RECORDED COPY MUST BE POSTED ON THE JOB SITE AT TIME OF FIRST INSPECTION

PERMIT NO. \_\_\_\_\_ TAX FOLIO NO. \_\_\_\_\_

STATE OF FLORIDA:  
COUNTY OF MIAMI-DADE:

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Space above reserved for use of recording office

1. Legal description of property and street/address: \_\_\_\_\_

2. Description of improvement: \_\_\_\_\_

3. Owner(s) name and address: \_\_\_\_\_

Interest in property: \_\_\_\_\_

Name and address of fee simple teholder \_\_\_\_\_

4. Contractor's name, address and phone number: \_\_\_\_\_

5. Surety: (Payment bond required by owner from contractor, if any)

Name, address and phone number \_\_\_\_\_  
Amount of bond \$ \_\_\_\_\_

6. Lender's name and address: \_\_\_\_\_

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes,

Name, address and phone numbe \_\_\_\_\_

8. In addition to himself, Owners designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

Name, address and phone numbe \_\_\_\_\_

9. Expiration date of this Notice of Commencement: \_\_\_\_\_

(the expiration date is 1 year from the date of recording unless a different date is specified)

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13. FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Signature(s) of Owner(s) or Owner(s)' Authorized Officer/Director/Partner/Manager

Prepared By \_\_\_\_\_ Prepared By \_\_\_\_\_

Print Name \_\_\_\_\_ Print Name \_\_\_\_\_

Title/Office \_\_\_\_\_ Title/Office \_\_\_\_\_

STATE OF FLORIDA

COUNTY OF MIAMI-DADE

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_

By \_\_\_\_\_

Individually, or  as \_\_\_\_\_ for \_\_\_\_\_

Personally known, or  produced the following type of identification: \_\_\_\_\_

Signature of Notary Public: \_\_\_\_\_

Print Name: \_\_\_\_\_

(SEAL)

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true, to the best of my knowledge and belief.

Signature(s) of Owner(s) or Owner(s)'s Authorized Officer/Director/Partner/Manager who signed above:

By \_\_\_\_\_ By \_\_\_\_\_

This instrument prepared by:

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTICE OF TERMINATION**  
(of Notice of Commencement)

STATE OF FLORIDA:  
COUNTY OF MIAMI-DADE:

Space above reserved for use of recording office

The undersigned hereby gives notice that the effective period of that certain Notice of Commencement dated \_\_\_\_\_, recorded in O.R. Book/Page \_\_\_\_\_ / \_\_\_\_\_ of the Public Records of Dade County, Florida, will terminate; and, in accordance with Section 713.132, Florida Statutes, the following information is provided:

1. The date and recording information for the Notice of Commencement being terminated are as described above, and all information contained therein is hereby expressly incorporated into this NOTICE OF TERMINATION.
2. The Notice of Commencement shall be terminated as of \_\_\_\_\_, or 30 days from the recording date of this Notice of Termination, whichever date is later.
3. This Notice of Termination applies to:
  - all the real property subject to the above described Notice of Commencement.
  - only to the portion of such real property described as:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. All lienors have been paid in full or prorata in accordance with Section 713.06(4), Florida Statutes.
5. A copy of this notice has been served on the contractor and on each lienor who has given notice, if any.

Owner Signature: \_\_\_\_\_ Owner Signature: \_\_\_\_\_  
Print Name \_\_\_\_\_ Print Name \_\_\_\_\_

SWORN TO AND SUBSCRIBED before me this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_  
by: \_\_\_\_\_

Personally known to me, or produced \_\_\_\_\_ as identification.

Notary Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_

seal

- Exhibit attached:**
- Contractor's Final Payment Affidavit
  - Property Legal Description
  - Copy of Notice of Commencement

# RELEASE OF LIEN AND AFFIDAVIT

Space above reserved for use of recording office

1. The undersigned contractor, for an in consideration of the payments of the sum of \_\_\_\_\_ paid by receipt of which is hereby acknowledged, hereby releases and quit claims to \_\_\_\_\_, the owner of the hereinafter described property, all liens, lien rights, claims or demands of any kind whatsoever, which the undersigned now has to might have against the building located on, or premises legally described as \_\_\_\_\_

\_\_\_\_\_ on account of labor performed and/or materials furnished for the construction of any such improvements on said premises.

2. All labor and materials used by the undersigned in the erection of said improvements have been paid in full, except as follows: \_\_\_\_\_

3. All lienors furnishing labor, services, or materials for said improvements have been paid in full, except as follows: \_\_\_\_\_

4. This instrument is executed and delivered to the owner in compliance with Chapter 713, Florida Statutes.

5. The undersigned contractors does hereby consent to the payment by the owner of all lienors giving notice and those lienors above named.

IN WITNESS WHEREOF, I have hereunto set by hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Witnesses:

1. \_\_\_\_\_

\_\_\_\_\_ (SEAL)  
(Contractor)

2. \_\_\_\_\_

By \_\_\_\_\_  
(President)

**STATE OF FLORIDA:**

**COUNTY OF MIAMI-DADE:**

I, hereby acknowledge that the statements contained in the foregoing Release of Lien and Affidavit are true and correct. Sworn to and subscribed before me, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Notary Public \_\_\_\_\_

Print Notary's Name: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

MIAMI-DADE COUNTY  
**CONSTRUCTION LIEN LAW FOR OWNERS**

**NOTE: IF YOU SIGNED AS THE OWNER'S AGENT YOU ARE RESPONSIBLE FOR DELIVERING THIS INFORMATION SHEET TO THE OWNER OF THE PROPERTY.**

### **WARNING TO OWNER**

Florida's Construction Lien Law (Chapter 713, Part One, Florida Statutes) requires the recording with the Clerk of the Courts a Notice of Commencement for real property improvements greater than \$2,500.00. However, it does not apply to the repair or replacement of an existing heating or air conditioning system less than \$7,500.00 in value. This notice must be signed by you, the property owner.

Under Florida law, those who work on your property or provide materials and are not paid, have a right to enforce their claim for payment against your property. This claim is known as a construction lien.

### **YOU MUST FILE A NOTICE OF COMMENCEMENT**

For your protection under the Construction Lien Law and to avoid the possibility of paying twice for improvements to real property, you must record a Notice of Commencement in the Clerk of the Court's Office. You also must provide a certified copy of the recorded document at the construction site. The Notice of Commencement must be signed by you, the owner contracting the improvements, and not by your agent.

The Notice of Commencement form, provided with this information packet, must be completed and recorded within 90 days before starting the work.

A copy of the payment bond, if any is required by you and purchased by the contractor, must be attached as part of the Notice of Commencement when recorded.

If improvements described in the Notice of Commencement are not actually started within 90 days after the recording of the Notice, a new Notice of Commencement must be recorded.

You lose your protection under the Construction Lien Law if the payments are made to the contractor after the expiration of the Notice of Commencement. The Notice is good for one year after the recording date or up to the date specified under item nine of the form.

Florida law requires the Department of Regulatory and Economic Resources to be a second source of information concerning the improvements made on real property. The Building Permit Application (included with this packet) has been expanded to include information on the construction lender and the contractor's surety, if any. The new application requires your signature or your agent's, to inform you of the Construction Lien Law.

### **YOU MUST POST THE NOTICE OF COMMENCEMENT AT THE JOB SITE**

By law, the Department of Regulatory and Economic Resources is required to verify at the first inspection, after the building permit is issued, that a certified copy of the recorded Notice of Commencement, with attached bonds if any, is posted at the construction site. Failure to show the inspector a certified copy of the recorded Notice will result in a disapproved inspection, (Florida Statute 713.135(1)(d)).

### **NOTICE TO OWNER FROM SUBCONTRACTORS AND SUPPLIERS**

You may receive a Notice to Owner from subcontractors and material suppliers. This notice advises you that the sender is providing services or materials. Subcontractors and suppliers must serve a Notice to Owner within 45 days of commencing work to preserve their ability to lien your property.

If your address changes from that given in the Notice of Commencement, you should record a corrected Notice reflecting your current address. This is done to help ensure you will receive all notices.

### **RELEASE FROM LIEN FROM CONTRACTOR**

Prior to paying the contractor, you need to receive a Release of Lien and Affidavit to the extent of payment from the general contractor. The Release of Lien and Affidavit shall state either that all the subcontractors and suppliers have been paid or list those unpaid and the amount owed. The contractor is required to list on the Release of Lien and Affidavit any subcontractor or supplier that has not been paid. That amount may be withheld from the contractor's pay and paid directly to the subcontractor or suppliers after 10 days written notice to the contractor.

If the balance due to the contractor is not sufficient to pay in full all subcontractors and suppliers listed on the contractor's affidavit, you may wish to consult an attorney.

The general contractor shall furnish a final Release of Lien and Affidavit to the owner indicating all subcontractors and suppliers have been paid at the time he requests final payment. You can rely on the affidavit in making final payment to the general contractor. If you make final payment to the general contractor without obtaining the affidavit, your property can be liened for non-payment if the general contractor fails to pay the subcontractors or suppliers. You should always obtain a Release of Lien and Affidavit from the contractor to the extent of any payments being made.

### **RELY ON YOUR LENDER FOR COMPLIANCE WITH CONSTRUCTION LIEN LAW**

If you have a lender, you may rely on the lender to handle the recording of the Notice of Commencement. Learn more about the Construction Lien Law by contacting an attorney, your lender, or the Florida Department of Agricultural and Consumer Services, Division of Consumer Services.

Documents are recorded at the Clerk of the Courts, MIAMI-DADE COUNTY RECORDER, COURTHOUSE EAST, 22 N.W. First Street, 1st Floor, Miami, FL 33128.

You can record the Notice of Commencement by mail. The original Notice should be sent to the County Recorder, P.O. Box 011711, Flagler Station, Miami, Florida 33101. Please make sure the original Notice is signed and notarized. Also, remember to enclose the recording fee (for a single copy) and written instructions for recording and returning a certified copy of the recorded documents. For additional information on fees and recording documents call (305) 275-1155.