



RE-ROOFING MITIGATION PACKAGE (Cont)

Roof to wall connections: section 611.8

1. Was the building permit for the home construction applied for on or after January 1, 1988?
___ YES ___ NO
2. If the answer to question number 1 is YES, then proceed to signature and permit submittal. (Documentation required substantiating this application).
3. If the answer to question number 1 is NO, applicant must provide documentation for the value of the building. Indicate type provided.
___ Copy of current home insurance summary sheet
___ Copy of the latest tax bill or Property Appraiser Office webpage for the home
Note: the appraised value of the improvement determines the threshold amount.
4. Based on documentation provided, is the value of the building \$300,000 or more?
___ YES ___ NO
5. If the answer to question 4 is NO, proceed to signature and permit submittal.
6. If the answer to question 4 is YES, then will evaluation and connections at gable ends or all corners be completed for 15% of the cost of roof replacement? ___ YES ___ NO
7. If the answer to question 6 is YES, then roof to wall connections must be enhanced to comply with 611.8. The priorities for upgrading are outlined in section 611.8.1.7. An additional 15% of the cost of the re-roofing must be spent on enhanced connections, but the mitigation is not required to exceed that.

These items are required to be submitted:

- An additional permit application for Mitigation Retrofit by a residential, building or general contractor
 - A roof plan of the building that shows all spans and indicates gables and hip locations. Plan should indicate areas to be retrofitted, connectors used, and fastener requirements. Include product approvals for all the connectors that are specified.
 - Any applicable documentation specified above.
8. If the answer to question 6 is NO, provide documentation of costing of evaluation and installation. **NOTICE: This documentation will be reviewed for appropriateness, since prescriptive methods of mitigating roof to wall connections provide necessary designs to accomplish roof to wall connection improvements. Misrepresentation may be construed as a willful code violation.**

Qualifier/Owner Builder (Print)

Qualifier/Owner Builders (Signature)

Date



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Sketch Roof Plan: Illustrate all levels and sections. Include dimensions of sections and levels; clearly identify dimensions of elevated pressure zones and location of parapets and expansion joints. If applicable, identify locations of hurricane mitigation and provide attachment details on the following page.

For flat roof, Perimeter width (a''): Corner size (a' x a')

A large, empty rectangular box intended for the user to draw a sketch of the roof plan, showing levels, sections, dimensions, and other details as specified in the instructions above.



RE-ROOFING MITIGATION PACKAGE (Cont)

Exterior walls constructed of:

- Wood
- CBS
- Other explain _____

Detail roof Geometry

- Gable
- Hip
- Flat
- Other explain _____

Was the permit application date for the structure prior to January 1, 1988? **YES** ___ or **NO** ___
(If YES the following information is needed)

Provide information on existing anchors and fasteners at the locations proposed for mitigation retrofits.

Are additional anchors or fasteners required, to comply with section 6.11.8.1 of the Hurricane Mitigation retrofit Manual? **YES** ___ or **NO** ___

If **NO**, a letter from a state licensed professional certifying compliance with section 6.11.8.1 shall be provided.

Will additional fasteners to the existing anchors provide compliance? **YES** ___ or **NO** ___

If **NO**, list anchors to be added. Provide manufacture and model number of proposed retrofit anchors.

Detail the method of attachment of proposed anchors. _____
(Nails, Screws, Bolts, ETC)



Contractor/Owner Builder Affidavit for Roof Diaphragm Evaluation and Remediation and Hurricane Mitigation.

FOR EXISTING SITE-BUILT SINGLE FAMILY RESIDENTIAL STRUCTURES ONLY.

NOTE: Abundant photographs demonstrating code compliance shall accompany this affidavit.

I _____ the Contractor/Qualifier do affirm and certify the roofing diaphragm for the roofing system installed under permit number _____ and located at _____ was evaluated under my supervision; and the roof diaphragm was found to be in compliance with Chapter 15 of the 2007 Florida Building Code, Building and Chapter 6 of the 2007 Florida Building Code, Existing Building, or remediation work was performed as outlined below to bring the roof diaphragm to code-compliance:

Roof Diaphragm Evaluation

Florida Building Code, Existing Building 2007, Section 606.3 Roof diaphragm: "Where roofing materials are removed from more than 50 percent of the roof diaphragm of the building or section of a building where the roof diaphragm is a part of the main wind force-resisting system the integrity of the roof diaphragm shall be evaluated and if found deficient because of insufficient or deteriorated connections, such connections shall be provided or replaced".

Florida Building Code, Residential 2007, Section R803.2.3.1 Sheathing Fastenings.

Wood structural panel sheathing shall be fastened to roof framing with 8d ring shank nails at 6 inches on center at edges and 6 inches on center at intermediate framing.

Was the roof diaphragm evaluated for insufficient or deteriorated connections? _____
Where any of the roof diaphragms in need of replacement? _____ Appox. Sq. Ft. _____
What type of material was used to replace the deficient roof diaphragms? _____
(CDX, OBS, FRP, Etc)

Has the roof sheathing been fastened to code? _____ Type of fastener? _____
Has the embedment of the diaphragm fasteners been verified? _____

For Existing Site-Built Single Family Residential Structures, Florida Building Code, Existing Building Section 611.7.2 Roof Secondary Water Barrier

A secondary water barrier shall be installed using one of the following methods when re-roofing.

1. All joints in structural panel roof sheathing or decking shall be covered with a minimum 4in. wide strip of self-adhering polymer modified bitumen tape applied directly to the sheathing or decking. The deck and self-adhering polymer modified bitumen tape shall be covered with one of the underlayment systems approved for the particular roof covering to be applied to the roof.
2. The entire roof deck shall be covered with an approved self-adhering polymer modified bitumen sheet. No additional underlayment shall be required on top of this sheet for new installations.
3. 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).



Contractor/Owner Builder Affidavit for Roof Diaphragm Evaluation and Remediation and Hurricane Mitigation (Cont)

4. Outside of the HVHZ, an underlayment complying with section 1507.2.3 of the Florida Building Code, Building fastened as described below or a layer of asphalt impregnated #30 felt shall be installed. The felt is to be fastened with 1" round plastic cap or metal cap nails, attached to a nailable deck in a grid pattern of 12 inches (305 mm) staggered between the overlaps, with 6 inch (152 mm) spacing at the overlaps. For slopes of 2:12 to 4:12 an additional layer of felt shall be installed in a shingle-fashion and lapped 19" and fastened as described above. (No additional underlayment shall be required over the top of this sheet).

Exceptions:

1. Roof slopes < 2:12 having a continuous roof system shall be deemed to comply with section 611.7.2 requirements for a secondary water barrier.
2. Clay and Concrete tile roof systems installed as required by the Florida Building Code are deemed to comply with the requirements of section 611.7.2 for Secondary Water Barriers.

What type of Secondary Water Barrier is installed? _____

By his/her signature below, the Contractor/Qualifier does affirm and certify that the previously provided applicable information for the roofing system installed under permit number _____ and located at _____ is true and correct, and that this work was done under his/her supervision.

Qualifier's Name (Print)

Qualifier's Signature

License #

Date

**STATE OF FLORIDA
COUNTY OF PALM BEACH**

The foregoing instrument was acknowledged before me this _____
(Date)

By _____
(Name of Person Acknowledging)

Who is personally known to me _____ or has produced _____
(Type of ID)

As identification and who did/did not take an oath.

(Signature of Person Taking Acknowledgment)

(Name of officer taking Acknowledgment Typed, Printed, or Stamped)

(Title or Rank)

(Serial Number, If Any)



Contractor Affidavit For Hurricane Mitigation Florida Building Code, Existing Building Section 611.8.1

Section 6.11.8.1 Roof-to-wall connections for site-built single family residential structures.

Where required by Section 611.8, the intersection of roof framing with wall below shall be strengthened by adding metal connectors, clips, straps, and fasteners such that the performance level equals or exceeds the uplift capacities as specified in Table 611.8.1. As an alternative to an engineered design, the prescriptive retrofit solutions provided in Sections 611.8.1.3 through 611.8.1.6 shall be accepted as meeting the mandated roof-to-wall retrofit requirements.

I _____ the Contractor/Qualifier do affirm and certify that the Hurricane Mitigation Retrofits installed under permit number _____ and located at _____ was installed under my supervision; and the Mitigation Retrofits are installed in compliance with Section 201.3 of the Hurricane Mitigation Retrofits for Existing Site-Built Single Family Residential Structures Manual. The retrofits are installed is described in the following sections:

Number of photos provided with this affidavit _____. Existing anchors were found to have _____ (# of) fasteners; _____ additional fasteners were installed to make a total of _____.
(number, size & type)

Additional anchors _____ were installed using _____ (# of) fasteners _____.
(Manufacturer and Model No.)
(size & type)

Other method of retrofit used (Describe in detail)



Contractor Affidavit For Hurricane Mitigation (Cont)

Florida Building Code, Existing Building Section 611.8.1

By his/her signature below, the Contractor/Qualifier does affirm and certify that the previously provided applicable information for the roofing system installed under permit number _____ and located at _____ is true and correct, and that this work was done under his/her supervision.

Qualifier's Name (Print)

Qualifier's Signature

License #

Date

**STATE OF FLORIDA
COUNTY OF PALM BEACH**

The foregoing instrument was acknowledged before me this _____
(Date)

By _____
(Name of Person Acknowledging)

Who is personally known to me _____ or has produced _____
(Type of ID)

As identification and who did/did not take an oath.

(Signature of Person Taking Acknowledgment)

(Name of officer taking Acknowledgment Typed, Printed, or Stamped)

(Title or Rank)

(Serial Number, If Any)