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## Re-Roofing Mitigation Package

Property address: \_\_\_\_\_

### Secondary Water Barrier: Section 706.7.2, Florida Building Code Seventh Edition (2020), Existing Building.

A secondary water barrier shall be installed using the following method when roof covering is removed and replaced. Underlayment shall comply with section R905.1.1 of the Florida Building Code, Residential.

Identify which method for Secondary Water Barrier is to be used

#### R905.1.1 Underlayment for asphalt, metal, mineral surfaced, slate and slate-type roof coverings

- 1. The entire roof deck shall be covered with an approved self-adhering polymer-modified bitumen membrane complying with the ASTM D1970
- 2. A minimum 4-inch wide (102mm) strip of self-adhering polymer-modified bitumen membrane complying with ASTM D1970
- 3. A minimum 3 ¼ -inch wide (96mm) strip of self-adhering flexible flashing tape complying with AAMA 711. Level 3 [for exposure up to 176°F (80°C)]
- 4. Two layers of ASTM D226 Type II or ASTM D4869 Type III or Type IV underlayment shall be installed
- 5. Two layers of a reinforced synthetic underlayment that has a product approval ... Synthetic underlayment shall ... be in accordance with ASTM D4533 and ... with ASTM D5035, and shall meet the liquid water transmission test of Section 8.6 of ASTM D4869 ... shall be installed

#### R905.1.1.2 Underlayment for concrete and clay tile

- Underlayment for concrete and clay tile shall comply with Section 905.3.3

#### R905.1.1.3 Underlayment for wood shakes and shingles

- Identify method 2, 3, or 4 above as applicable.

**Exceptions:**

- 1) Roof slopes <2:12 having a continuous roof system shall be deemed to comply with Section 706.7.2 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 706.7.2 for secondary water barriers.

Specify Secondary Water Barrier: \_\_\_\_\_ / \_\_\_\_\_  
Manufacturer Product approval number

Qualifier (print name) _____ Qualifier's signature _____ State of Florida County of _____ The foregoing instrument was acknowledged before me this _____ (date) by _____ who is personally known to me _____ or has produced identification _____  <div style="display: flex; justify-content: space-between;"> <span>_____</span> <span>_____</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Type of Identification</span> <span>Signature of Notary</span> </div>	Owner (print name) _____ Owner's signature _____ State of Florida County of _____ The foregoing instrument was acknowledged before me this _____ (date) by _____ who is personally known to me _____ or has produced identification _____  <div style="display: flex; justify-content: space-between;"> <span>_____</span> <span>_____</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Type of Identification</span> <span>Signature of Notary</span> </div>
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### Re-Roof Mitigation Package Continued

#### Roof to wall connections: Section 706.8

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 1 is Yes, the 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 to 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 comers be completed for 15% of the cost of the roof replacement? \_\_\_\_\_ Yes \_\_\_\_\_ No
7. If the answer to question 6 is Yes, then roof to wall connections must be enhanced to comply with 706.8. The priorities for upgrading are outlined in Section 706.8.1.7.  
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 indicated 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 willful code violation.**

\_\_\_\_\_  
Qualifier/Owner Builder (print)                      Qualifier/Owner Builder (Signature)                      Date



## Re-Roof Mitigation Package Continued

**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.

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

A large, empty rectangular box with a thin black border, intended for the user to draw a sketch of the roof plan. The box is currently blank.