

Building Plan Review & Inspection Division

RE-Roofing Mitigation Package

To be filled out and included with all Residential Re-Roofing applications

Property Address: 276 Stanhage C:C Permit Number:	
For the purpose of this document sections cited are from Florida Building Code Fifth Edition (2014), Exis Building.	sting
Secondary Water Barrier: Section 708.7.2 A secondary water barrier shall be installed using one of the following methods when roof covering removed and replaced: 1. In either HVHZ or Non-HVHZ regions: aAll joints in structural panel roof sheathing or decking shall be covered with a minimum 4-(102 mm) wide strip of self-adhering polymer modified bitumen tape applied directly to the sheathing decking. The deck and self-adhering polymer modified bitumen tape shall be covered with one of underlayment systems approved for the particular roof covering to be applied to the roof. bThe entire roof deck shall be covered with an approved asphalt impregnated 30# underlayment or approved synthetic underlayment installed with nails and tin-tabs in accordance Section 1518.2, 1518.3, or 1518.4 of the Florida Building Code, Building. (No additional underlayment shall be required over the top of this sheet.) The synthetic underlayment shall be fastened in accordance.	inchng or f the felt with
with the manufacturer's recommendations. 2. Outside the HVHZ: aThe entire roof deck shall be covered with an approved self-adhering polymer modified bitus sheet meeting ASTM D 1970 or an approved self-adhering synthetic underlayment installed accordance with themanufacturer's installation instructions. No additional underlayment shall required on top of this sheetfor new installations.	men d in ll be
 bAn underlayment system approved for the particular roof covering shall be applied with following modification: iFor roof slopes that require one layer of underlayment, a layer of approved asphalt impregn. ASTM D 226 Type I or Type II, ASTM D 4869, Type II or Type IV underlayment or approved synth underlayment shall be installed. The felt is to be fastened with 1-inch (25 mm) round plastic metal cap nails or nails and tin-tabs attached to a nail-able deck with two staggered rows in the fie the sheet with a maximum fastener spacing of 12-inches (305 mm) o.c. and one row at the over fastened 6-inches (I52 mm) o.c. Synthetic underlayment shall be fastened in accordance with section and the manufacturer's recommendations. iiFor roof slopes that require two layers of underlayment, an approved asphalt impregn. ASTM D 226 Type I or Type II, ASTM D 4869, Type II or Type IV underlayment shall be installed shingle-fashion and lapped 19 inches (483 mm) and fastened with 1-inch (25 mm) round plastic metal cap nails or nails and tin-tabs, attached to a nail-able deck with one row in the field of sheet with a maximum fastener spacing of 12-inches (305 mm), o.c. and one row at the over fastened 6- inches (152 mm) o.c. An approved synthetic underlayment shall be installed accordance with this section and the manufacturer's installation instruction. (No additional underlayment shall be required over the top of this sheet.) 	hetic cap, eld of rlaps this ated in a cap, f the rlaps



Exceptions:

- 1. Roof slopes < 2:12 having a continuous roof system shall be deemed to comply with Section 708.7.2 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 708.7.2 for secondary water barriers.

Specify Secondary Water Barrier: Polyslus Trx-e undrignm 1/ FL5859-R85

Manufacturer Product approval number

Roof Diaphragm

Contractor acknowledges that as required by Florida Building Code Fifth Edition (2014), Existing Building Section 706.3.2 the structure's Diaphragm will be evaluated and noted within Re-roof affidavit.

Roof to	wall	connections:	FRC-F	Section	708 5	R

- Was the building permit for the home construction applied for on or after September 14, 1993?

 YES_____NO____

 If the answer to question number 1 is YES, then proceed to signature and permit submittal. (Documentation required substantiating this application).
 If the answer to question number 1 is NO, applicant must provide documentation for the value of the building. Indicate type provided below:

 _____ Copy of current home insurance summary sheet
 _____ Copy of 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?
 - a. 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 prioritized and non-prioritized areas be completed for 15% of the cost of roof replacement? YES_____NO_____

 (Hurricane Retro-fit affidavit will be required per FBC-E section 708.8 prior to Certificate of Completion and retro-fit contractor shall be noted on permit)
- 7. If the answer to question 6 is NO, provide documentation of the cost of evaluation/installation and indicate "prioritized" areas in which will be enhanced up to 15% of roof replacement, See 8(a) for additional requirements. 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 of information above may be construed as a willful code violation.
- 8. 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. The roof to wall connections must be enhanced to comply with FBC-E section 708.8. The priorities for upgrading are outlined in section 708.8.1.7. At least 15% shall be provided to the prioritized elements.
 - a. These items are required to be submitted:
 - i. Permit description to include notation that Mitigation Retro-fit will be installed (Retro-fit work to be conducted by a residential, building or general contractor)
 - ii. Sub affirmation form for contractor whom will install retro-fit components
 - iii. A plan indicating areas to be retro-fitted, connectors used, and fastener requirements.
 - . iv. Any applicable documentation specified above.

Qualifier/Owner Builder/ Authorized Agent (Print)

Qualifier/Owner Builder/ Authorized Agent (Signature) *[[] 6~ }* Date