# *FORM 300 - REROOFING INSTALLATION SUMMARY FORM*

## METAL ROOFING

SITE ADDRESS: _____ ☐ Main House or Duplex ☐ Accessory Structure (Detached Garage, Shed, etc.)

**Sloped Roof Pitch:** _____ / 12 **Mean Roof Height:** _____ Ft **Sloped Roof Area (SQRs):** _____

☐ **AERIAL DEPICTION of Structure is included (per Google Earth, Pictometry, Eagle-View, etc.)**

☐ **DESIGN WIND UPLIFT Pressure:** _____ (psf.)

****SUPPLEMENTAL Details and Information (Identify all items related to the site-specific conditions)**

☐ MANDATED RETROFITS- Existing Wood decks, include **Mandated Roof-to-Wall Connection Retrofit** Form
☐ Tie-In Detail (**REQUIRED**)
☐ **Verify** Roof Deck Attachment-Per 2023 Existing FBC-706 & Table 706.7.1.2
☐ Skylights/ Vents/ etc. (REPLACEMENT ONLY) Provide Product Approval #_____ (ATTACHED)
☐ FLAT Roof Deck portion included in Reroofing Scope (PROVIDE FORM 400-FLAT ROOF)
☐ Repair (<25% ROOF AREA-**PER 1511.1.1 FBC 2023**)

**UNDERLAYMENT Method & Material (Select one Method):** ☐ Product Approval #_____ (ATTACHED)

| A | B | C |
|---|---|---|
| ☐ Self-Adhered (Direct to Deck) **NOT an Option for Wood Shake/Shingle** | ☐ 3 ¾" Wide Strip (AAMA 711) Over all Joints/Seams (Per Table R905.1.1.1) | ☐ 2 Layers of 30# Felt (ASTM Approved) OR |
| Self –Adhered (ASTM D1970) Polymer-Modified Bitumen Underlayment Applied directly to entire roof deck | 3 ¾" Wide Strip of self-adhering flexible flashing tape per AAMA 711<br><br>Level 3 applied over all joints with 30# felt on top | Two layers of ASTM D226 Type II or ASTM D4869 Type III, Type IV. Layers to be lapped **Per FBC 2023 R905.1.1.1, B1507.1.1** |

**METAL PANEL SPECIFICATIONS:**

| Manufacturer | Product Name | Panel Type | Product Approval # |
|---|---|---|---|
| _____ | _____ | _____ | _____ |

**METAL PANEL ATTACHMENT: (Attachment details SHALL be Identified/Circled in Product Approval)**

| Max. Allowed Pressure (Product Approval) | FASTENER Type | FASTENER/CLIP Spacing |
|---|---|---|
| _____ (psf) | ☐ Fasteners* ☐ Clips* *Screws (size & quantity): _____ | _____ (inches) |

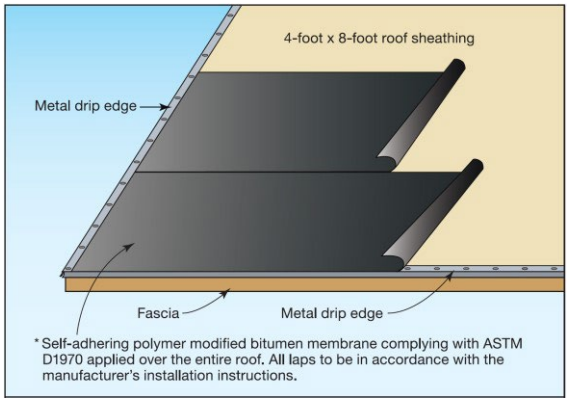
☐ **Applicant's Affidavit: I hereby certify that I have read the material on all pages of this document and have FULLY provided ALL the information requested.**

_____ _____ _____

**Qualifier Name** **Qualifier Signature** **Date**

# Underlayment Options (Select One)

☐




*Source: FEMA Hurricane Michael in Florida Recovery Advisory 2*

**Underlayment Roof Deck Option A**

[**NOTE**: **A** is NOT an Option for Wood Shake/Shingle]

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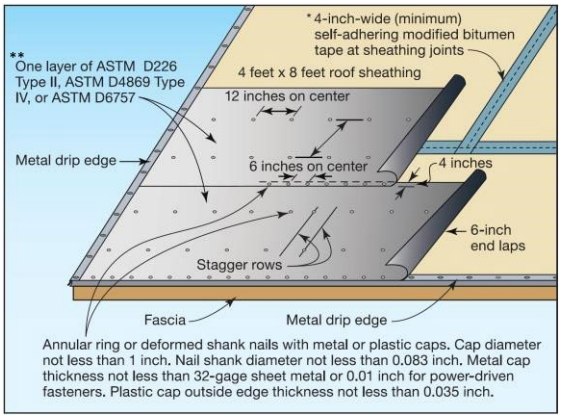


*Source: FEMA Hurricane Michael in Florida Recovery Advisory 2*

*Figure 1Delete ASTM D6757*

*3 ¾ inch AAMA 711 flashing tape is also permitted.

**Synthetic underlayment meeting the performance requirements specified in Option E may also be used.

**Underlayment Roof Deck Option B**

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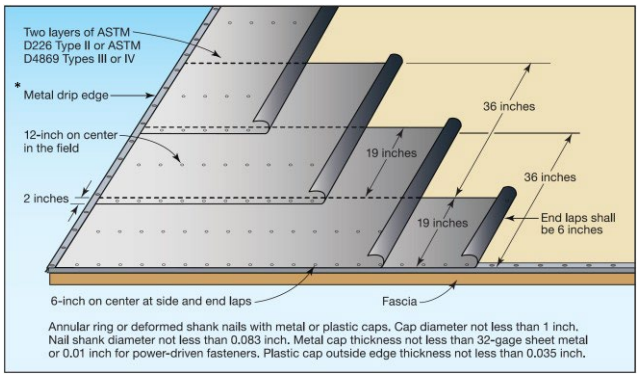


*Source: FEMA Hurricane Michael in Florida Recovery Advisory 2*

*Synthetic underlayment meeting the performance requirements specified in Option E may also be used.

**Underlayment Roof Deck Option C**

## SIMPLIFIED ROOF UPLIFT CHART FOR ROOFING APPLICATIONS

This simplified chart represents the worse-case wind pressures for the various roof slopes and heights. This chart is based on a Tributary Area = 10 SF which is required for roofing applications. If the roof height is less than 30 feet, but not exactly 15, 20, or 25 feet,you will need to go to the next higher roof height. If your roof is higher than 30 feet, these charts do not apply. Refer to Roof Chart Diagrams on Page 1 for Roof Zone Locations.

### MEAN ROOF HEIGHT = 15 FEET

| Flat Roof | | Gable Roof | | | | Hip Roof | | |
|---|---|---|---|---|---|---|---|---|
| | | 1.51 to 4:12 | | 4.1 to 6:12 | 6.1 to 12:12 | 1.51 to 4:12 | | 4.1 to 6:12 |
| Positive* | 15.4/38.0 | Positive 23.2 | | Positive 23.2 | Positive 34.7 | Positive 28.3 | | Positive 28.3 |
| Zone | | Zone | Roof | Roof | Roof | Zone | Roof | Roof |
| 1 | -60.5 | 1, 2e | -70.1 | -54 | -63.7 | 1 | -63.7 | -50.8 |
| 1' | -34.8 | 2n & 2r | -102 | -86.2 | -70.1 | 2e | -89.4 | -70.1 |
| 2 | -79.8 | 3e | -102 | -86.2 | -86.7 | 2r | -83 | -70.1 |
| 3* | -109 | 3r | -102 | -102 | -70.1 | 3 | -89.4 | -70.1 |

### MEAN ROOF HEIGHT = 20 FEET

| Flat Roof | | Gable Roof | | | | Hip Roof | | |
|---|---|---|---|---|---|---|---|---|
| | | 1.51 to 4:12 | | 4.1 to 6:12 | 6.1 to 12:12 | 1.51 to 4:12 | | 4.1 to 6:12 |
| Positive* | 16.4/40.3 | Positive 24.6 | | Positive 24.6 | Positive 36.9 | Positive 30.1 | | Positive 30.1 |
| Zone | | Zone | Roof | Roof | Roof | Zone | Roof | Roof |
| 1 | -64.2 | 1, 2e | -74.5 | -57.4 | -67.7 | 1 | -67.6 | -54 |
| 1' | -36.9 | 2n & 2r | -109 | -91.5 | -74.5 | 2e | -95 | -74.5 |
| 2 | -84.8 | 3e | -109 | -91.5 | -92.1 | 2r | -88.1 | -74.5 |
| 3* | -116 | 3r | -129 | -108 | -74.5 | 3 | -95 | -74.5 |

### MEAN ROOF HEIGHT = 25 FEET

| Flat Roof | | Gable Roof | | | | Hip Roof | | |
|---|---|---|---|---|---|---|---|---|
| | | 1.51 to 4:12 | | 4.1 to 6:12 | 6.1 to 12:12 | 1.51 to 4:12 | | 4.1 to 6:12 |
| Positive* | 17.2/42.3 | Positive 25.8 | | Positive 25.8 | Positive 38.7 | Positive 31.5 | | Positive 31.5 |
| Zone | | Zone | Roof | Roof | Roof | Zone | Roof | Roof |
| 1 | -67.3 | 1, 2e | -78.1 | -60.2 | -70.9 | 1 | -70.9 | -58.6 |
| 1' | -38.7 | 2n & 2r | -114 | -96 | -78.1 | 2e | -99.6 | -78.1 |
| 2 | -88.8 | 3e | -114 | -96 | -96.6 | 2r | -92.4 | -78.1 |
| 3* | -121 | 3r | -135 | -113 | -78.1 | 3 | -99.6 | -78.1 |

### MEAN ROOF HEIGHT = 30 FEET

| Flat Roof | | Gable Roof | | | | Hip Roof | | |
|---|---|---|---|---|---|---|---|---|
| | | 1.51 to 4:12 | | 4.1 to 6:12 | 6.1 to 12:12 | 1.51 to 4:12 | | 4.1 to 6:12 |
| Positive* | 17.9/43.9 | Positive 26.8 | | Positive 26.8 | Positive 40.2 | Positive 32.8 | | Positive 32.8 |
| Zone | | Zone | Roof | Roof | Roof | Zone | Roof | Roof |
| 1 | -70 | 1, 2e | -81.1 | -62.6 | -73.7 | 1 | -73.7 | -58.8 |
| 1' | -40.2 | 2n & 2r | -118 | -99.8 | -81.1 | 2e | -103 | -81.1 |
| 2 | -92.3 | 3e | -118 | -99.8 | -100 | 2r | -96 | -81.1 |
| 3* | -126 | 3r | -141 | -118 | -81.1 | 3 | -103 | -81.1 |

*If Parapet >= 3Ft occurs around entire building use the same Zone 2 pressure for Zone 3 and use the higher positive pressure shown.

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# Mandated Retrofits of Roof-to-Wall Connection

***THIS FORM MUST BE FILLED OUT AND INCLUDED WITH ALL RE-ROOFING APPLICATIONS FOR EXISTING STRUCTURES WITH WOOD ROOF DECKS.***

**Address:** _____

*For the purpose of this document, "Sections" as cited below are from the Florida Building Code-Existing Building, 8TH Edition (2023) Section 706.8, unless otherwise noted.*

**When the roof covering on an existing structure with a wood roof deck is removed and replaced…the structure shall be evaluated for mandated retrofits of the roof-to-wall connections in accordance with Section 706.8.**

1. **Was permit for the original construction of the building applied for on or after January 1, 1990?**
   - ☐ **Yes** – The application date was on or after January 1, 1990.
     *** Proceed to signature and permit submittal.* (Attach documentation verifying the application date)
   - ☐ **No** – The application date was prior to January 1, 1990.
     *** Continue with questions and details below.*

2. **Applicant must provide one of the following to document the value of the building.**
   - ☐ Copy of current home insurance summary sheet.
   - ☐ Copy of the latest Tax Bill or Property Appraiser Valuation for the structure (the *Appraised Improvement Value* determines the threshold amount).

3. **Based on the documentation provided, is the value of the Building $300,000 or more?**
   - ☐ **No -** Building is valued at less than $300,000
     *** Proceed to signature and permit submittal.*
   - ☐ **Yes -** Building valuation exceeds $300,000
     *** Enhanced Roof-to-Wall connections are required unless meeting one of the following exceptions:*

     - ☐ **Exception 1:** Cost of "evaluation and roof-to-wall connections" at gable ends or **all** corners will exceed 15% of the cost of the roof replacement (attach professional estimate by a Florida Licensed General or Building Contractor).
     - ☐ **Exception 2:** Analysis submitted by FL Design Professional validates the existing roof-to-wall load path connections are compliant for the applicable wind loads in Table 706.8.1.

**COMPLIANCE Options to Complete Mandated Retrofits** (Identify one)

- ☐ **Prescriptive Retrofit Procedures**.
  - Roof-to-wall connections will be enhanced using the prescriptive measures in Sections 706.8.1.3 – 7.
  - Priority of work shall be determined by Section 706.8.1.7.
  - Details provided on page 2
- ☐ **Professional Design**
  - Provide engineered design plan, and identify details on page 2

If enhanced roof to wall connections are required, the following page (Connection Details) must also be completed and submitted along with a roof plan of the building, including span distances and gable/ hip locations identified. Plan should indicate areas to be retrofitted, connectors to be used, and fastener requirements. Please include product approvals for all the connectors specified.

| _____ | _____ | _____ |
|---|---|---|
| Qualifier or Owner/Builder Name (Print) | Qualifier or Owner/Builder Signature | Date |

# Roof to Wall Mandated Retrofits (Cont.)

## *MANDATED RETROFIT CONNECTION DETAILS*

**Exterior Wall Construction:**

☐ Wood
☐ CBS
☐ Other explain: _____

**Roof Geometry:**

☐ Gable
☐ Hip
☐ Flat
☐ Other explain: _____

**Existing Anchors**

Identify existing straps/anchors and fasteners (quantity & size) at areas proposed for retrofit.

Strap/Anchor: _____ Fasteners: _____

Determine if *Existing Straps* were *manufactured and rated* for four (4) fasteners at each end.

☐ YES - *Existing Straps* were *manufactured and rated* for four (4) fasteners at each end
- Specify additional fastener size and quantity: _____

**NOTE:** A Roofing Contractor (CCC) may install the additional fasteners to the existing straps – Details shall be included in primary Reroof permit scope of work.

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☐ NO - *Existing Straps* were not *manufactured and rated* for four (4) fasteners at each end
- Retrofit straps/anchors shall be added and installed (CGC, CBC or CRC required)

**NOTE**: Installation of new straps/ anchors is outside the scope of a Roofing Contractor (CCC), and requires an appropriately licensed *building* Contractor (CGC, CBC or CRC).

**Retrofit Straps/ Anchors** (Minimum uplift capacity of 500 pounds each, unless designed by FL P.E.)

**"B" Subpermit** ("*Mandated Retrofits, GC required*") shall be added to the primary Reroof permit.

Manufacturer: _____

Type/ Model: _____

Fasteners: _____
(Nails, Screws, Bolts / Size / Quantity / Minimum Embedment / Spacing / etc.)

| _____ | _____ | _____ |
|---|---|---|
| Qualifier or Owner/Builder Name (Print) | Qualifier or Owner/Builder Signature | Date |