# FORTIFIED Home™ Standard Details Table of Contents

## Hurricane Only Set

*For Use with 2020 FORTIFIED Home Standard*

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<th>Applicable Levels</th>
</tr>
</thead>
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<td>Corrosion Protection Requirements</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-G-2</td>
<td>Roof and Wall Zone Diagram</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RS-1</td>
<td>Roof Deck Attachment - Sawn Lumber or Wood Board Roof Deck with No Gaps</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RS-2</td>
<td>Hurricane - New Construction Roof Deck Attachment - Structural Wood Panels</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-SRD-1</td>
<td>Roof Deck Attachment and Sealed Roof Deck from Within Using Spray Foam</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-SRD-2</td>
<td>Steep Slope Sealed Roof Deck - Flashing Tape and Underlayment - Shingle or Metal Roof Covers</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-SRD-3</td>
<td>Steep Slope Sealed Roof Deck - Two Layers Felt Underlayment - Shingle or Metal Roof Covers</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-SRD-4</td>
<td>Steep Slope Sealed Roof Deck - Self-Adhered Membrane (Showing Bond Break for Asphalt Shingles) - Shingle and Metal Roof Covers</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-SRD-5</td>
<td>Steep Slope Sealed Roof Deck - Flashing Tape, Underlayment and Roof Tile Cap Sheet - Concrete and Clay Tile Roof Covers</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-SRD-6</td>
<td>Steep Slope Sealed Roof Deck - Self-Adhered Membrane - Concrete and Clay Tile Roof Covers</td>
<td>NEW FOR 2020</td>
</tr>
<tr>
<td>F-DE-1</td>
<td>Hurricane - Drip Edge Installation Over Underlayment</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-DE-2</td>
<td>DISCONTINUED IN 2020</td>
<td>N/A N/A N/A</td>
</tr>
<tr>
<td>F-RC-1</td>
<td>Asphalt Shingle Installation Guidance for Steep Slope - Option 1: Peel and Stick Starter Strip Installation at Eave or Rake</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RC-2</td>
<td>Asphalt Shingle Installation Guidance for Steep Slope - Option 2: Shingle Strip Starter Installation at Eave or Rake</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RC-3</td>
<td>Asphalt Shingle Installation Guidance for Steep Slope - Option 3: Shingles Set Directly in Flashing Cement at Rake Only</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RR-1</td>
<td>Re-Roofing Deck Replacement Fastening Detail</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RR-2</td>
<td>Re-Roofing New Scab Member Detail for Damaged or Deteriorated Wood Framing Member</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RR-3</td>
<td>Hurricane - Re-Nailing the Roof Deck (Wood Structural Panels)</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-RR-5</td>
<td>Fastening Wood Structural Panel Roof Sheathing Over Existing 1x Roo Deck Boards with Gaps</td>
<td>NEW FOR 2020</td>
</tr>
<tr>
<td>F-GS-1</td>
<td>Temporary Gable Vent Shuttering</td>
<td>✓ ✓ ✓</td>
</tr>
<tr>
<td>F-GE-1</td>
<td>Prescriptive Gable End Outlooker Framing and Anchorage</td>
<td>NEW FOR 2020</td>
</tr>
<tr>
<td>F-S-1</td>
<td>Soffit Retrofit Detail</td>
<td>NEW FOR 2020</td>
</tr>
<tr>
<td>F-CTD-1</td>
<td>Prescriptive Chimney Tie-Down Detail for Chimneys up to 5 ft</td>
<td>NEW FOR 2020</td>
</tr>
</tbody>
</table>

*Applicable Levels: Roof, Silver, Gold*
FORTIFIED Home™ Standard Details Naming Convention

FORTIFIED Home™ Standard Detail numbers are comprised of three alphanumeric identifications to provide general categorization:

1. **First alphabetic identification – FORTIFIED Detail:**
   - F = FORTIFIED

2. **Second alphabetic identification – Secondary Category**
   - G = General Information
   - RS = Roof Sheathing
   - SRD = Sealed Roof Deck
   - DE = Drip Edge
   - RC = Roof Cover
   - RR = Re-Roof
   - GS = Gable Shuttering
   - GE = Gable End
   - S = Soffit
   - CTD = Chimney Tie Down

3. **Numeric identification – chronological order detail was completed**

   Example: F-RS-1
   
   **Fortified Detail ➔ Roof Sheathing Detail ➔ First Detail in this category**
FORTIFIED Home™
Corrosion Protection Requirements for Fasteners & Connectors in Coastal Regions
For all connections described in this table: if corrosion is observed at time of re-designation, designation may not be renewed.

### Requirements & Best Practices for FORTIFIED Roof™ Designations

<table>
<thead>
<tr>
<th>ROOF CONNECTIONS</th>
<th>REQUIREMENTS</th>
<th>BEST PRACTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roofing nails for shingles</td>
<td>Distance to saltwater shoreline²</td>
<td>Distance to brackish water shoreline</td>
</tr>
<tr>
<td>Concrete and clay roof tile fasteners</td>
<td>0-300 ft</td>
<td>0-300 ft</td>
</tr>
<tr>
<td>Roof vent fasteners</td>
<td>Category A</td>
<td>Category B (or better)</td>
</tr>
<tr>
<td>Metal roof system including panels and exposed fasteners, clips, etc.</td>
<td>Follow manufacturer’s corrosion resistance guidance for coastal areas. If not provided by manufacturer, the following corrosion resistance categories may be accepted for exposed fasteners and clips</td>
<td>Category B (or better)</td>
</tr>
<tr>
<td>Fasteners used for attachment of underlayment to roof deck</td>
<td>Category A</td>
<td>Category B (or better)</td>
</tr>
<tr>
<td>Roof-mounted equipment exposed connections and fasteners</td>
<td>Category A</td>
<td>Category B (or better)</td>
</tr>
</tbody>
</table>

### Requirements and Best Practices for FORTIFIED Silver™ and FORTIFIED Gold™ Designations

<table>
<thead>
<tr>
<th>EXTERIOR EXPOSED CONNECTIONS (including under soffits and elevated foundations)</th>
<th>REQUIREMENTS</th>
<th>BEST PRACTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver:</td>
<td>Distance to saltwater shoreline²</td>
<td>Distance to brackish water shoreline</td>
</tr>
<tr>
<td>• Soffit fasteners</td>
<td>0-300 ft</td>
<td>0-300 ft</td>
</tr>
<tr>
<td>• Exposed attached structure connectors, anchors, fasteners</td>
<td>Category A</td>
<td>Category B (or better)</td>
</tr>
<tr>
<td>Gold: Exposed CLP connectors, anchors, fasteners</td>
<td>Aluminum Soffits NOT Allowed</td>
<td>Aluminum Soffits Allowed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INTERIOR CONNECTIONS (including enclosed in attic or within wall cavity)</th>
<th>REQUIREMENTS</th>
<th>BEST PRACTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver:</td>
<td>Distance to saltwater shoreline²</td>
<td>Distance to brackish water shoreline</td>
</tr>
<tr>
<td>• Gable bracing metal connectors and fasteners</td>
<td>0-300 ft</td>
<td>0-300 ft</td>
</tr>
<tr>
<td>• Gable outlooker hangers, clips and fasteners</td>
<td>Category B (or better)</td>
<td>Category C (or better)</td>
</tr>
<tr>
<td>• Chimney framing metal connectors and fasteners</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gold: Enclosed CLP connectors, anchors, fasteners</td>
<td></td>
<td>Category C (or better)</td>
</tr>
</tbody>
</table>

### Corrosion Resistance Categories²³

<table>
<thead>
<tr>
<th>CATEGORY A - STAINLESS STEEL OR EQUIVALENT</th>
<th>CATEGORY B - ENHANCED GALVANIZED OR EQUIVALENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal connectors:</td>
<td>Metal connectors:</td>
</tr>
<tr>
<td>• Stainless steel per ASTM A316</td>
<td>• Galvanized per ASTM A653 with G185 coating</td>
</tr>
<tr>
<td>Fasteners:</td>
<td>• Hot-dip galvanized per ASTM A123</td>
</tr>
<tr>
<td>• Stainless steel per ASTM A304 or A316</td>
<td>Fasteners with diameters over 3/8 in.:</td>
</tr>
<tr>
<td>• Proprietary coated fasteners require documentation of equivalent corrosion protection performance to stainless steel, such as equivalence testing per ICC-ES AC257 Exposure Condition 4, or other comparative testing documentation</td>
<td>• Hot-dip galvanized per ASTM A153 Class C</td>
</tr>
<tr>
<td></td>
<td>Fasteners with diameters up to 3/8 in. shall meet one of the following:</td>
</tr>
<tr>
<td></td>
<td>• Hot-dip galvanized per ASTM A153 Class D</td>
</tr>
<tr>
<td></td>
<td>• Galvanized per ASTM A641 Class 3</td>
</tr>
<tr>
<td></td>
<td>• Per ASTM G85, Annex 5, Corrosion resistance exhibiting not more than 5% red rust after the following:</td>
</tr>
<tr>
<td></td>
<td>– for nails: 280 hours</td>
</tr>
<tr>
<td></td>
<td>– for roof tile fasteners: 1000 hours</td>
</tr>
<tr>
<td></td>
<td>– for other carbon steel fasteners: 360 hours</td>
</tr>
<tr>
<td></td>
<td>In lieu of testing listed above, proprietary coated fasteners require documentation of equivalent or superior corrosion protection performance to the galvanization options listed above, such as equivalence testing per ICC-ES AC257 Exposure Condition 4, or other comparative testing documentation</td>
</tr>
<tr>
<td></td>
<td>• Testing per ASTM B117 with corrosion resistance exhibiting not more than 5% red rust after 1,000 hours exposure may be accepted if no other testing is available</td>
</tr>
</tbody>
</table>

### NOTES

1. For the purposes of FORTIFIED Home designation, “saltwater shoreline” shall be considered as the ocean or gulf coastline along the mainland United States including seaward island coastlines. This includes the Atlantic, Pacific, and Gulf of Mexico coastlines, as well as the coastline of any Bay or Sound with no land barrier separating it from being completely open to the ocean or Gulf of Mexico. Distances are measured from the closest feature of the subject building to the ocean or gulf coastline.
2. Fastener and connector materials and coatings must be compatible with materials and coatings they come into contact with to prevent galvanic corrosion due to dissimilar materials.
3. Fasteners in contact with chemically treated wood shall be in accordance with the requirements of the IBC/IRC or locally adopted code as applicable.

Effective November 1, 2021
GENERAL NOTES:

ASCE 7-16 defines the following roof and wall zone diagram:

- **Zone 1:** Corners of the building
- **Zone 2:** Walls adjacent to corners
- **Zone 3:** Roofs and walls
- **Zone 4:** Interior zones

*Notes:*

- Use whichever is more stringent.
- Structural design which is by others. In case of conflict between state and local codes, standards and regulations in addition to the applicable Fortified Home Standards are to be applied in conjunction with Federal. Refer to applicable Fortified Home Standards for additional information.

Diagram includes various symbols and measurements relevant to roof and wall zone designation.
Structural Wood Panels - Roof Deck Attachment - Hurricane - New Construction

Minimum Thickness Requirements
Refer to Table F-RS-2 for sheathing (plywood or OSB) on roof framing members.

1. For structural design, check the roof covering, minimum required sheathing thickness is 1/2".
2. For consistent and easy field coverage, minimum required sheathing thickness is 1/2".
3. For metal roof cover, verify manufacturer's sheathing thickness requirements are met.
4. For full run out of sheathing, common nails or staples shall be allowed. Refer to Appendix B, "Sheathing Nailing Specifications" for guidance on nailing sheathing to framing members.

<table>
<thead>
<tr>
<th>Minimum Thickness (all roof areas)</th>
<th>Minimum Nails/sheathing Type</th>
<th>Minimum Nails/sheathing Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>S-2</td>
<td>T-2</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>S-2</td>
<td>T-2</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>S-2</td>
<td>T-2</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>S-2</td>
<td>T-2</td>
</tr>
</tbody>
</table>

Provisions use whichever is more stringent.

Structural design which is by others in case of a conflict between state and local codes, ordinances and regulations in addition to the Fortified Home Standards as applied in conjunction with Federal, State and Local Codes, Standards and Requirements in addition to the Fortified Home Standards as applied in conjunction with Federal.
Standard details: F-1, F-2, and F-3.

Roof sheathing by others, refer to Fortified.

Provisions, use whichever is more stringent.

Other provisions of a conflict between federal, state, and local codes, ordinances, and regulations in Fortified Home Standards must be applied in conjunction with Fortified Home Standards rather than or in lieu of any federal, state, or local standard.

Refer to fortification requirements for additional information.

Shingle or metal roof covers.

1. Two layers felt underlayment.

2. Steel slope sealed roof deck.

3. Corrosion protection requirements.


5. Lap underlayment with minimum 6" lap trench.

6. Lap felt over tear-down roof underlayment, up to a wall intersection's lap wall weatherer.

7. Application for roof pitch 2/12 or greater.

8. Application of roof felt pitch 7/12 or greater.

Refer to Fortified Home Standards.


Notes:

- Standard details: F-1, F-2, and F-3.

- Roof sheathing by others, refer to Fortified.

- Provisions, use whichever is more stringent.

- Other provisions of a conflict between federal, state, and local codes, ordinances, and regulations in Fortified Home Standards must be applied in conjunction with Fortified Home Standards rather than or in lieu of any federal, state, or local standard.

- Refer to fortification requirements for additional information.

- Shingle or metal roof covers.

- Two layers felt underlayment.

- Steel slope sealed roof deck.

- Corrosion protection requirements.

- Weave underlayment across valleys.

- Lap underlayment with minimum 6" lap trench.

- Start sheet.

- Standard details: F-1, F-2, and F-3.
AND METAL ROOF COVERS
BREAK FOR ASPHALT SHINGLES - SHINGLE
ADHERED MEMBRANE (SHOWING BOND
STEEL SLOPE SEALED ROOF DECK - SELF-

INSTALLATION
REFER TO F-DE-1 AND/OR F-DE-3 FOR DROP EDGE

INSTALLATION
SPECIFICATION AND INSTALLATION
SPECIFIED BY MANUFACTURERS
DETAILS F-PS-1, F-PS-2, AND F-PS-3
TO FORTIFIED STANDARD
ROOF SHEATHING: REFER

SPECIFICATION
SPECIFIED FOR ROOF
APPLY MANUFACTURER SPECIFIED
STACER AND INSTALL END LAPS AS
FOR REQUIRED OVERLAP AND FOLLOW
MANUFACTURERS SPECIFICATIONS
INSTALLATION INSTRUCTIONS
FOR GENERAL NOTES #3 AND #4
ASTM D970 TO SELF-ADHERING POLYMER MODIFIED
SHINGLE FOR ASPHALT
OPTIONAL FOR ASPHALT
FASTEN ADQUATELY TO KEEP IN
ROOF EDGES OVER ENTIRE ROOF:
BREAK HORIZONTAL FROM
TOP UNDERLayment AS BOND
SHINGLES: APPLY #1550M D235

DATE: 11/07/2020
DRAWING #: 4P-SPD-4

APPLICABLE STANDARDS:
FORTIFIED HOME - HIGH WIND (2000)
FORTIFIED HOME - HURRICANE (2010)
APPLICATION OF "S"
1. **GENERAL NOTES**

   - For construction protection requirements, refer to Fortified Home Standard Details F-01.
   - Refer to applicable Fortified Home.
   - Standards for additional information.

2. **UNDELRALMENT INSTALLATION OVER HURRICANE - DROP EDGE**

   - Use whichever is more stringent.
   - Case of a conflict between provisions, structural design which is by these in addition to the regulations in accordance with federal and local codes applies and code in construction with federal requirements.

3. **UNDELRALMENT DROP EDGE INSTALLATION**

   - For roof slope less than 2:12, refer to approved 4-set: Ahrens Standard type.
   - For greater than 2:12, use a manufacturer's product from the manufacturer's sealant between the drip edge and roof surface.

4. **DROP EDGE COVER**

   - Apply a compatible manufacturer's sealant.
   - Max thickness over the drip edge and over compatible flashing cement with 1/8" starter strip or apply as wide as wide larger edge by the use of a self-adhering membrane and starter strip at the edge.
   - Seal the drip edge.**SHINGLE DROP COVER**.

5. **METAL DROP EDGE (MINIMUM 20 GAUGE FOR STEEL)**

   - Drip edge refer to general note #3.
   - Primed with silver primer for slaging the required by the manufacturer's manufacturer's function.
   - Partial or drip edge is clean free of oil and grease under underralment make sure the top surface along all edges and dip above edges installed.

6. **DRAWING #**

   - Below sheathing shall extend 1/2" min.
   - Drip edge flange shall extend 1 1/2" min.
   - 4" OC MAX. (2) NAILS & OVERLAP 3/4" MIN. OVERLAP

7. **DATE**

   - 11/07/2020
1. Refer to applicable Fortified Home Standards for additional information.

2. Asphalt shingles shall be installed at all intersections and both sides of open rafters.

3. For additional asphalt shingle installation options, refer to Fortified Home Standards details F-E-1 and F-E-3.

4. Underlayment installed per roof manufacturer's approved cement. (Cement = 1/8")

5. Minimum 8 in. Wide of flashings shall be set in a minimum 8 in. Wide strip of flashing cement (max. thickness of flashing)


7. Cut side of closed valleys shall be set in strip of flashing cement.

8. Cut side of closed valleys shall not extend more than 1/4 in. beyond drip edge.

9. Standard details F-D-1 and/or F-D-3.

10. Prior to installation per Fortified Home Standards, flat strip of compatible flashings shall be set in a minimum 8 in. strip of compatible flashing cement that is compatible with underlayment.

11. To meet 2020 Hal Suplement requirements, Asphalt shingles must have an overall IBHS Roof Shingle Hal Impact Rating of "Good" or "Excellent" for polymer-modified with either asphalt shingles or asphalt (Class F) or ASTM D226. 

12. Recommendations for high wind conditions shall be installed per manufacturer.

13. ASTM D3161 (class F) or ASTM D1965.
**Fortified Field**

**Description:**

- Additional Fastener
  - B = Spacing between existing and additional fasteners
  - A = Spacing of additional fasteners
  - + = Additional fasteners
  - O = Existing fasteners

**Not Required:**
- Suplemental Fastening (+) is not required.
- Additional requirements of F-R-2.7 then existing nailings meet the requirements.
- Documented that exist existing nailings can be used.

**Information:**
- Refer to applicable Fortified Home Standards for additional information.

**General Notes:**

- Conflict between provisions use whichever is more stringent.
- Addition to the structural design which is by others in case of a federal, state, and local codes, ordinances, and regulations.

**Additional Requirements:**

- 2. MIN. NAILING

**Drawing #:** E.R. 3

**(Date:** 11/02/2020)

**Additional Notes:**

- To avoid wood splitting, spacing shall not be less than 2 in Nail shall be not be less than 2 in.

**Sheathing Thickness Requirements:**

- Sheathing, refer to F-R-2.4 for damage or deterioration, refer to F-R-2.4 for damage or deterioration.

**Additional:**

- 0.15" x 2.788" RNC

**Existing Wood Panel Roof:**

- Tack width 0.15" x 2.788" RNC

**Conflict Between Provisions:**

Use whichever is more stringent.

**General:**

- Refer to applicable Fortified Home Standards for additional information.
TEMPORARY CABLE VENT SHUTTERING

Below: The house or from inside of attic.
Shutter can be installed from outside of
vent or from Table F-C-1.

Note: self-adhesive weather

F-C-1

TABLE F-C-1: FASTENING SCHEDULE FOR CABLE VENT COVER

<table>
<thead>
<tr>
<th>Distance D</th>
<th>Fastener Type &amp; Size</th>
<th>Support Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>Washer 7/16&quot; Embedment 1.7&quot; Fastener W/2&quot; Concrete or Grounted Masonry 7/16&quot; Fastener W/2&quot; Wood</td>
<td>Type Support Structure</td>
</tr>
<tr>
<td>1.7</td>
<td>Washer 7/16&quot; Embedment 1.7&quot; Fastener W/2&quot; Wood</td>
<td>Type Support Structure</td>
</tr>
</tbody>
</table>

STRUCURE

1. To maintain proper attic ventilation, vent shuttering may be performed on a temporary basis only. And shutters are to be removed after a storm threat is over.
2. Refer to portable Fortified Home standards for additional information
3. Adequate attic ventilation must be maintained on a regular basis.
4. Adequate attic ventilation must be maintained on a regular basis.

WOOD STRUCTURAL PANELS OR OTHER NONPOROUS MATERIAL MUST BE AKETED TO MAINTAIN A MINIMUM OF WBS MIN WITHDRAWAL CAPACITY.

MASONRY/STUCCO USE VAPORTIGHT RESISTANT ANCHORS W/1500 LBS MIN. WITHDRAWAL CAPACITY.

Note: Where screeis are attached to masonry or concrete, use Grounted Masonry. Use 7/16" Fastener W/2" of washer for each panel side required.

REфер TO TABLE F-C-1.
ANCHORAGE
OUTLOOKER FRAMING AND
PRESCRETE CABLE END

ACCEPTABLE
CONNECTION (FLATWISE IS NOT
POSITIVE IN REVERSE)
O TP OUTLOOKER MUST BE
O TP OUTLOOKER MINIMUM
2 X 4 CONTINUOUS
BE DROPED WITH TP OUTLOOKER

REQUIREMENTS
FROM MINIMUM ULTIMATE CONNECTION
PRESCRETE FRAMER TO ATTACH TO E-1
SADDLE-TP HURRICANE CLIP-AT

WALLS TO OUTLOOKER
NAILS TO TP TRUSSES AND TO 12 0.148 X 1.1/2"
FREE HANGER W (4) 0.125 X 3/4"
SIMPSON L24 OR USP 224 OX
1 TP OUTDOOR FRAMER #2 @ 1/2" O.C.
1 TOP OUTDOOR FRAMER #2 @ 1/2" O.C.
1 TOP OUTDOOR FRAMER #2 @ 1/2" O.C.
1 TOP OUTDOOR FRAMER #2 @ 1/2" O.C.

REQUIREMENTS
WALLS TO PRESCRETE
NAIL SHEATHING MIN 7/6 THICK

REFERENCES
TABLE E-2: FACE OVERHANG OUTLOOKER MAXIMUM LENGTH AND CONNECTION

DATE: 11/07/20
E-CL

DRAWING #

APPLICABLE STANDARDS:

FORTIFIED HOME - HURRICANE (2020)
DETAIL FOR CHIMNEYS UP TO 5 FT
PRESCRIBED CHIMNEY FIRE-STOP

- JOINT HANDERS AT EACH END TD TYPE
- FRAMING MEMBERS WITH METAL MIN BLOCKING FASTENED TO ROOF FRAMING SUPPORTED BY 2 X 4" FRAMING SUPPORTED ON 20 LAS FASTERED
- BASE PERIMETERS OF CHIMNEY

IS MORE STRONGER BETWEEN PROVIDE, USE WHichever OTHERS IN CASE OF A CONFLICT STRUCTURAL DESIGN WHICH IS BY AND RECOMMENDATION IN ADDITION TO THE STATE AND LOCAL CODES, ORGANIZATION APPLIED IN CONSTRUCTION WITH FEDERAL FORFIELD HOME STANDARDS ARE TO BE PROFESSIONAL ENGINEER REVIEW AND DETAILING Perf. LIMITATION REQUIRES ENGINEERING CHIMNEYS OUTSIDE OF THESE THE ROOF DECK ANCHORAGE FOR AND EXTENDING LESS THAN 5 FT ABOVE THE INTERIOR ZONE OF THE ROOF (ZONE 1) APPLICABLE FOR CHIMNEYS LOCATED IN PRESCRIPTIVE RETROFIT OUTLINE IS STRUCTURAL PANELS.

- REPAIR FULLY SHEATHED
- EXTERIOR FULLY SHEATHED
- 7 X 6 MIN WOOD INTERMEDIATE 2 X 4 MIN
- OC MAX 4.0 MAX 2.0 MIN.
- CORNER TYPE
- BELOW AT EACH BLOCKING MEMBERS BLOCKING ROOF SUPPORT 700 LB FASTERED MIN TENSION CAPACITY OF TENSION STRAP 24 X 9.00 TYP.
- SPACING TYP.
- VARY SIZE AND MIN TENSION STRAP WITH MIN. TENSION.
- STILOU AND ROOF TO CORNER STUD AND MIN CAPACITY OF 0.06 FRAMING SIZE AND ROOF MEMBERS WITH METAL MIN. BLOCKING FASTENED TO ROOF FRAMING SUPPORTED BY 2 X 4" FRAMING SUPPORTED ON 20 LAS FASTERED BASE PERIMETERS OF CHIMNEY

GENERAL NOTES:

- REFER TO APPLICABLE FORFIELD HOME STANDARDS FOR ADDITIONAL
- PROFESSIONAL ENGINEER REVIEW AND DETAILING
- LIMITATION REQUIRES ENGINEERING CHIMNEYS OUTSIDE OF THESE THE ROOF DECK ANCHORAGE FOR AND EXTENDING LESS THAN 5 FT ABOVE THE INTERIOR ZONE OF THE ROOF (ZONE 1) APPLICABLE FOR CHIMNEYS LOCATED IN PRESCRIPTIVE RETROFIT OUTLINE IS STRUCTURAL PANELS.

- REPAIR FULLY SHEATHED
- EXTERIOR FULLY SHEATHED
- 7 X 6 MIN WOOD INTERMEDIATE 2 X 4 MIN
- OC MAX 4.0 MAX 2.0 MIN.
- CORNER TYPE
- BELOW AT EACH BLOCKING MEMBERS BLOCKING ROOF SUPPORT 700 LB FASTERED MIN TENSION CAPACITY OF TENSION STRAP 24 X 9.00 TYP.
- SPACING TYP.
- VARY SIZE AND MIN TENSION STRAP WITH MIN. TENSION.
- STILOU AND ROOF TO CORNER STUD AND MIN CAPACITY OF 0.06 FRAMING SIZE AND ROOF MEMBERS WITH METAL MIN. BLOCKING FASTENED TO ROOF FRAMING SUPPORTED BY 2 X 4" FRAMING SUPPORTED ON 20 LAS FASTERED BASE PERIMETERS OF CHIMNEY

GENERAL NOTES:

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- PROFESSIONAL ENGINEER REVIEW AND DETAILING
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