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### 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

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

   **Example: F-RS-1**

   *Fortified Detail ➔ Roof Sheathing Detail ➔ First Detail in this category*
**Title:** Requirements

**Description:** Corrosion Protection

**Applicable Standards:**

- ASTM A653, 690
- Corrosion-resistant materials and screws shall meet the requirements of ASTM A653, Class D.
- Hot-dip galvanized shall meet the requirements of ASTM A536, Class D for nails and screws.
- Stainless steel is not allowed.
- 3: Examples of exposed areas include areas that are under roof overhangs, decks and covered walkways in any location.

**Notes:**

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**Structures more than 3,000 ft from site,

3,000 ft from site,

1,000 ft from site,

300 ft or within 300 ft of site

**Fasteners/Connections**
Concrete and clay tile roof covers sheet and under cap sheet for drip edge installation over anchor.

**INSTRUCTION OF DIP EDGE**

Standard details: F-DE:1 OR F-DE:2

Prime with Astm D4 primer/membrane manufacturer and required by the membrane manufacturer make sure the top surface of the drip edge is clean. Free of all calcium, profiling all edges and cable face edges.

Metal drip edge (code compliant minimum general notes)

**STANDARD DETAIL F-DE:2**

Anchor sheet installed in

Anchor sheet per detail F-DE:3

At rakes, drip edge installed in

But under cap sheet as shown

Standard details: F-DE:1 OR F-DE:3

Anchor sheet per Fortified

At eaves, drip edge installed in:

Use whichever is more stringent.

Case of a conflict between provisions, structural design which is by others in regulations in addition to the Fortified Home requirements to be referred to Fortified的标准 details F-DE:1

For corrosion protection requirements.

Refer to applicable Fortified Home standards for additional information.
Sealing the drip edge refer to General Note #3.

Manufatured primed w/Admix #4 primer for
and if required by the starter strip
Surface of the drip edge is clean, free of all
Installed over underlayment make sure the top
cause allowing all eyes and cable make edges
Metal drip edge (code compliant, minimum

Use whichever is more stringent.
Case of a conflict between provisions, regulations in addition to the
Structural design which is by others in
State and local codes, ordinances and
Applied in accordance with federal
Applied home standards are to be
Applied for roof pitch 2:1 or greater
Approved for self-adhered sealant tape
Approved for code compliance
APPLAENT IN ADVANCE TO PREVENT
Adherent underlayment to prevent
Sealant between the drip edge and
Approved manufacturer underlayment to prevent
For metal roof covers apply a

Underlayment:
Max thickness over the drip edge and
of compatible flashing cement with 1/8"
Starter strip or applying an R value layer
Seal the drip edge.
Best practices to seal the drip edge.

For corrosion protection requirements
Refer to Fortified Home Standard Details F-01
Standards for additional information
Refer to applicable Fortified Home
1. GENERAL

2. ADDITIONAL INFORMATION

3. MATERIALS

4. COMPATIBILITY OF MATERIALS
For Damaged or Detiorated
New Scab Member Detail

Exterior Bearing Wall

AND 2.4” OC. MAX SPACING.
MIN. Nominal Thickness
Member Beven W/2”

Existing Wood Roof

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, All to be Applied in Conjunction with Federal

A) Remove and Replace the damaged/deteriorated section.
B) When the fascia or sub fasia is the roof framing member that is damaged.
C) When the fascia or sub fasia is the roof framing member that is damaged.
D) Mechanical connections, it’s truss/arrow hangers. truss connector plates.
E) Professional Engineer to provide endearing details to repair the damage.
F) Facilitate installation
G) Exterior Bearing Wall

Refer to Applicable Fortified Home Standards for additional information.

C) Dimension
D) Dimension
E) Dimension
F) Dimension
G) Dimension
H) Dimension
I) Dimension
J) Dimension
K) Dimension
L) Dimension
M) Dimension
N) Dimension
O) Dimension
P) Dimension
Q) Dimension
R) Dimension
S) Dimension
T) Dimension
U) Dimension
V) Dimension
W) Dimension
X) Dimension
Y) Dimension
Z) Dimension

2.4” Or Twice the Overhang

-2” Overlap Each Side

2.0” Overlap
**Drawing:**

**Description:**

**Applicable Standards:**

Additional Fastener
- B = Spacing Between Existing and Additional Fasteners
- A = Spacing of Additional Fasteners
- C = Spacing of Existing Fasteners
- O = Existing Fasteners

**Notes:**

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**Existing Fasteners:**

Refer to General Note #3

**Additional Spacing Requirements:**

Refer to General Note #3

**Fortified Home Standards:**

Refer to Fortified Home Standards for Additional Information.

**General Notes:**

Refer to Fortified Home Standards for Additional Information.

**Dimension:**

1. 4 ft. 3 in. max. for roof members
2. 2 ft. 4 in. max. for roof members
3. 3 ft. 6 in. min. sheathing thickness when permitted
4. 4 ft. 3 in. min. sheathing thickness when permitted

**Members:**

- Supported at midspan
- Nominally 2" x 8" or 2" x 10" nominal
- Maximum 2" x 10" nominal
- Minimum 2" x 8" nominal
- Minimum framing width 2.5" or greater

**Sheathing:**

- Minimum 3/8" OSB
- Minimum 5/8" OSB or other approved material

**Application:**

- For cold weather design
- For roof pitch 2:12 or greater

- See applicable Fortified Home Standards.
GENERAL NOTES:
1. REFER TO APPLICABLE FORTIFIED HOME STANDARDS FOR ADDITIONAL INFORMATION.
2. REFER TO FORTIFIED STANDARD DETAIL F-C-1-FOR CORROSION PROTECTION REQUIREMENTS.
3. FORTIFIED HOME STANDARDS ARE TO BE APPLIED IN CONJUNCTION WITH FEDERAL AND LOCAL CODES, ORDINANCES AND REGULATIONS. IN ADDITION TO THE STRUCTURAL DESIGN WHICH IS BY OTHERS, IN CASE OF A CONFLICT BETWEEN PROVISIONS, USE THE MORE STRONG STANDARDS.

WOOD STRUCTURAL PANEL OR OTHER HONOROUS FLAT SHUTTER CUT TO FIT 7/16 MIN. THICKNESS. PRE-DRILL HOLES AT FASTENER LOCATIONS. SHAPE MAY VARY, BUT NOT TO EXCEED MAX. DIMENSIONS AND FASTENER SPACING SHOWN.

APPICABLE STANDARDS:
FORTIFIED HOME™ - HURRICANE 2019

DESCRIPTION:
CABLE VENT SHUTTERING

SHUTTER CAN BE INSTALLED FROM OUTSIDE OF HOUSE OR FROM INSIDE OF ATTIC.

CONCRETE OR MASONRY:
GRouted MASONRY

WOOD:
1/4” Ø FAScER W/ 2 EMBMNT & 1” Ø 1/4” Ø FAScER W/ 2 EMBMNT

DISTANCE "D" END OF VENT DISTANCE "D"
15”
1”

11/8/2019

DRAWING #:
F-CS1

DATE:

NOTES: WHERE SCREWS ARE ATTACHED TO MASONRY OR MASONRY VSTCCO USE VIBRATION-RESISTANT ANCHORS W/150 LBS MIN. WITHDRAWAL CAPACITY.