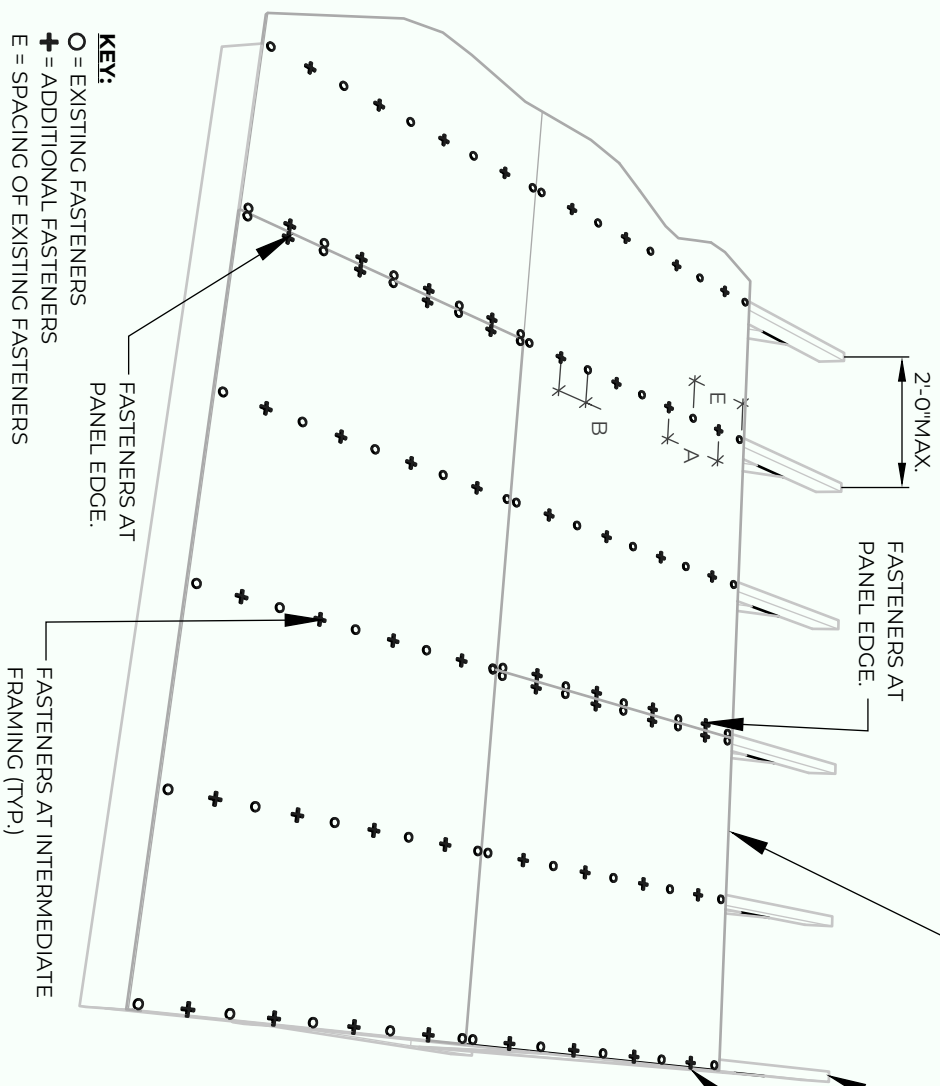


- GENERAL NOTES:**
REFER TO APPLICABLE FORTIFIED HOME STANDARDS FOR ADDITIONAL INFORMATION.
1. APPLICABLE FOR ROOF PITCH 2:12 OR GREATER.
 2. FORTIFIED HOME STANDARDS ARE TO BE APPLIED IN CONJUNCTION WITH FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS IN ADDITION TO THE STRUCTURAL DESIGN WHICH IS BY OTHERS. IN CASE OF A CONFLICT BETWEEN PROVISIONS, USE WHICHEVER IS MORE STRINGENT.
 - 3.



EXISTING STRUCTURAL WOOD PANEL ROOF SHEATHING (PLYWOOD OR OSB): 7/16" MIN. W/ NO DAMAGE OR DETERIORATION. REFER TO F-RR-1 FOR DAMAGED OR DETERIORATED SHEATHING.

EXISTING ROOF FRAMING MEMBERS W/ 2" MIN. NOMINAL THICKNESS. REFER TO F-RR-2 FOR GUIDANCE ON DETERIORATED OR DAMAGED MEMBERS.

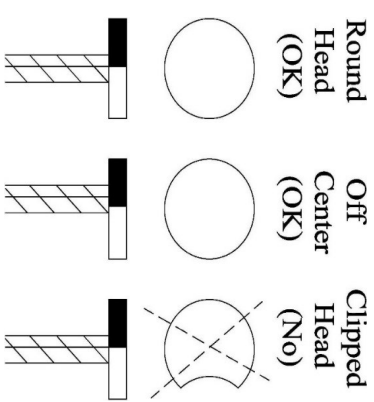


FIGURE 1.

Table F-RR-3: Additional 8d Ring-Shank Nails³ Required for Existing Roof Deck

| Wind Speed ⁵ | Existing Fastener ² Spacing ⁴ , E | Required Spacing of Additional 8d Ring-Shank Nails ^{3,4} | | | |
|---|---|---|--------------|--------------------------|--------------|
| | | Roof Zones ² 2 and 3 | | Roof Zone ¹ 1 | |
| | | Intermediate | Intermediate | Intermediate | Intermediate |
| Up to 100 mph (V_{asf}) / 130 mph (V_{ult}) | Existing Fasteners ² Staples or 6d nails | Any | A = 6" O.C. | N/A | N/A |
| | 8d smooth-shank nails | $E \leq 6"$ O.C. | A = 6" O.C. | | |
| | 8d smooth-shank nails | $E > 6"$ O.C. | A = 6" O.C. | | |
| | 8d ring-shank nails ² | $E \leq 12"$ O.C. | B = 6" O.C. | | |
| | 8d smooth-shank nails | Any | A = 4" O.C. | | |
| | 8d smooth-shank nails | $E \leq 6"$ O.C. | B = 4" O.C. | | |
| | 8d smooth-shank nails | $E > 6"$ O.C. | A = 4" O.C. | | |
| | 8d ring-shank nails ² | $E \leq 12"$ O.C. | B = 4" O.C. | | |

Notes:

1. Refer to FORTIFIED Standard Detail F-G-2 for identification of Roof Zones
2. Existing 8d ring-shank nails to be a minimum of 0.131" diameter x 2 1/2" long.
3. All additional 8d ring-shank nails to be a minimum of 0.113" diameter x 2 3/8" long with full round head. Refer to Figure 1.
4. Refer to roof figure and key for description of distances E, A, and B.
5. V_{asf} corresponds to ASCE 7-05 / V_{ult} corresponds to ASCE 7-10.

KEY:
O = EXISTING FASTENERS
+ = ADDITIONAL FASTENERS
E = SPACING OF EXISTING FASTENERS
A = SPACING OF ADDITIONAL FASTENERS
B = SPACING BETWEEN EXISTING AND ADDITIONAL FASTENER

APPLICABLE STANDARDS:

FORTIFIED HOME™ - HURRICANE (2019)

DESCRIPTION:

HURRICANE - RE-NAILING THE ROOF DECK
(WOOD STRUCTURAL PANELS)

DRAWING #:

F-RR-3

DATE:

11/18/2019

