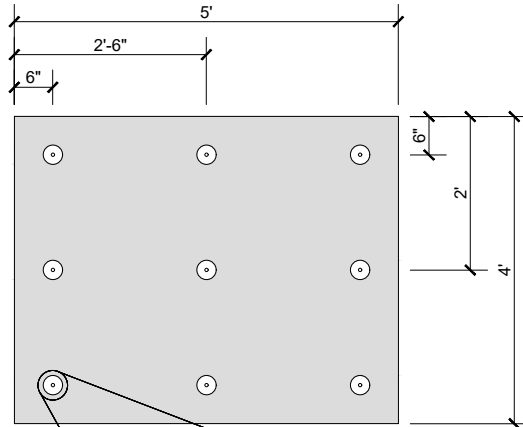


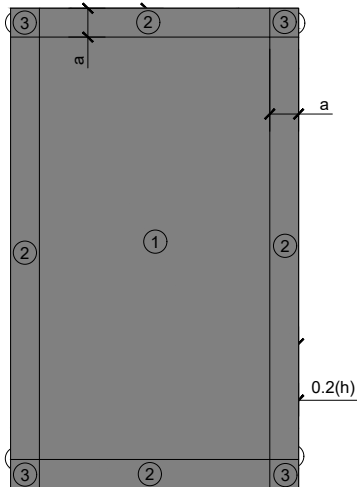
**1 PER 2.3 FT<sup>2</sup> FASTENING PATTERN**

- ACTUAL ONE (1) FASTENER PER 2.22 SQUARE FEET
- NINE (9) FASTENERS PER BOARD
- ENSURE FASTENER ENGAGES THE TOP FLANGE FOR STEEL DECK APPLICATIONS



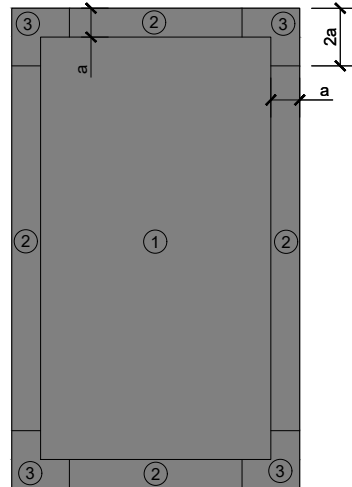
**FASTENING PATTERN FOR SHADED AREAS**

ROOF HEIGHT LESS THAN OR EQUAL TO 60ft

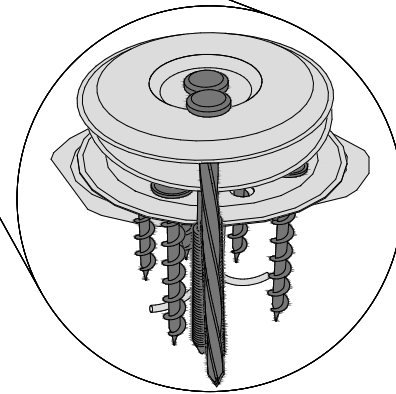


$a = 40\%$  of least horizontal dimension or 40% of eave height, whichever is smaller, but not less than either 4% of least horizontal dimension or 3ft

ROOF HEIGHT GREATER THAN 60ft



$a = 10\%$  of least horizontal roof dimension, but not less than 3ft



**SOPREMA FASTENERS FOR CONCRETE**

**ASCE 7-16 ROOF ZONES  
(LOW-SLOPE ROOFS  $\theta \leq 7^\circ$ )**

**NOTES:**

1. SOPREMA DETAIL DRAWINGS: REFER TO SOPREMA AND OTHER RELATED PUBLISHED DOCUMENTATION, PRODUCT DATA SHEETS (PDS) AND SAFETY DATA SHEETS (SDS) FOR ADDITIONAL INFORMATION. ALL DETAIL DRAWINGS AND RELATED INSTALLATION GUIDELINES ARE PROVIDED BY SOPREMA FOR THE SOLE PURPOSE OF ISSUING A SOPREMA WARRANTY. ACCORDINGLY, THE DETAIL DRAWINGS ARE NOT OFFERED, AND SHOULD NOT BE CONSIDERED, AS A SUBSTITUTE FOR PROFESSIONAL DESIGN SERVICES.
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3. ROOF ZONE GUIDELINES PROVIDED HEREIN ARE OFFERED FOR REFERENCE. REFER TO ASCE/SEI 7 FOR SPECIFIC REQUIREMENTS.



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PROJECT:

TITLE:

1 FASTENER PER 2.3 FT<sup>2</sup>,  
4X5 BOARD FASTENING PATTERN

DRAWN BY: SOPREMA TECHNICAL SUPPORT, GGALLOWAY

NO.:

REVISION:

DATE:

DATE: 4.6.2020

SCALE: NTS

DRAWING NUMBER:  
**US.FP.03.03**