



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

DaVinci Roofscapes, LLC
13890 W 101 ST
Lenexa, KS 66215

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Bellaforté Slate and Bellaforté Shake

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This renews and revises NOA# 14-0922.02 consists of pages 1 through 11.
The submitted documentation was reviewed by Alex Tigera.



NOA No. 15-0812.22
Expiration Date: 12/16/19
Approval Date: 12/10/15
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ROOFING ASSEMBLY APPROVAL:

<u>Category:</u>	Roofing
<u>Sub-Category:</u>	Slate
<u>Materials:</u>	Composite
<u>Deck Type:</u>	Wood
<u>Maximum Design Pressure:</u>	-112.5 psf
<u>Fire Classification Pressure:</u>	See General Limitation #1

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Bellaforté Slate	Length = 15 ½” Width = 12” Thickness = ½” (at butt), ¾” (at tip)	TAS 110	Synthetic Self-Aligning Slate roof tile, available in all standard colors offered by DaVinci Roofscapes, LLC prior to March 1, 2015.
Bellaforté Shake	Length = 15 ½” – 16” Width = 12” Thickness = 1” average (at butt), ¾” (at tip)	TAS 110	Synthetic Self-Aligning Shake roofing tile.
Starter Slate	3 ½” x 11 ½”	TAS 110	Starter Slate for use with Synthetic Self-Aligning Slate roof tile
Starter Shake	4” x 11 ½”	TAS 110	Starter Shake for use with Synthetic Self-Aligning Shake roof tile.

MANUFACTURING LOCATION:

1. Lenexa, KS

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Asphalt Technologies	DRM-034-02-01	TAS 100	06/20/12
	DRM-025-02-01	TAS 125	06/20/12
	DRM-037-02-01	TAS 100	08/07/12
	DRM-035-02-01	TAS 125	06/18/12
	DRM-001-02-01	ASTM G26	09/29/04
	DRM-050-02-01	ASTM C 1549	10/06/15
	DRM-053-02-01	TAS 100	10/02/15
	DRM-054-02-01	ASTM D 635, D 1929, D 2843	11/16/15
	DRM-155-02-01	TAS 125	10/02/15
	DRM-156-02-01	ASTM G 155	
	DRM-156-02-02	ASTM D 635, D 1929, D 2843	
	DRM-154-02-01	ASTM D 638-14	10/07/15
	Intertek ETL Semko	3087829	ASTM D 2843
3061879(d)		ASTM D 1929	01/25/06
3061879(b)		ASTM D 635	09/21/05
QAI Laboratories	RJ1956-F	ASTM E 108	06/18/12

NOA No. 15-0812.22
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APPROVED ASSEMBLIES:

System A:	Bellaforté Slate
Deck Type:	Wood, Non-Insulated
Deck Description:	1 ⁹ / ₃₂ " or greater plywood or wood plank.
Slope Range:	4": 12" or greater
Maximum Uplift Pressure:	-65 psf (See General Limitation #2)

Deck Attachment: In accordance with the applicable Building Code, but in no case shall it be less than 8d annular ring shank nails spaced 6" o.c.

Underlayment: Minimum underlayment shall be an ASTM D 226 Type I felt installed in a double layer with a minimum 19" side lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 ga., 1¹/₄" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll, or any Miami-Dade County Product Control Approved underlayment having a current NOA.

Fire Barrier: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.

Valleys: Valley metals shall be a minimum 16" wide. Valley metal shall be set over a minimum 36" wide sheet of minimum ASTM D 226 Type II centered and applied parallel to the valley. Underlayment shall be fastened to the deck with 12 ga. 1¹/₄" long corrosion resistant ring shank nails at 6" o.c. along each edge. Valley metal shall be centered on the valley over underlayment and fastened to the deck with 12 ga., 1¹/₄" long corrosion resistant ring shank nails at 4" o.c. and 1" from each edge. Valley details shall be in accordance with the manufacturer's current published literature.

Ridge & Hips: See DaVinci Roofscapes LLC's published installation manual for details.

Starter: Install required starter with a 3/4" overhang at the eave. Fasten each starter with four (4) 0.120" x 1 3/4" long stainless steel ring shank nails. Nails shall be of sufficient length to penetrate through the sheathing a minimum of 3/16". Starter tiles must be spaced 3/8" - 1/2" apart to allow for thermal expansion.

Metal Panels and Accessories: Bellaforté Slate shall be installed in accordance with DaVinci Roofscapes, LLC's current published installation manual. Bellaforté Slate shall have a maximum 12" exposure and a minimum 3" offset between courses at the sidelaps. **(See Detail 'B')**.

The first course of the Slate should seat directly on the starter tile and begin on the tab first then on top of the tile in the left hand corner. It may be necessary to lift the edge of the left hand tile to insert the valley of the installed tile underneath.

Bellaforté Slate shall be fastened with five (5) 0.120" x 1 3/4" long stainless steel ring shank nails. Four (4) nails through the pre-marked holes locations imprinted on the slate **(see Detail 'B')** and one (1) nail through the side tab. Bellaforté Slate rake trim shall be installed with a 12" exposure and two (2) 0.120" x 1 3/4" long stainless steel ring shank nails; one (1) nail shall be secured though the deck, and one (1) nail though the fascia. Nails shall be of sufficient length to penetrate through the sheathing a minimum of 3/16"



System B: Bellaforté Shake
Deck Type: Wood, Non-Insulated
Deck Description: 1⁹/₃₂" or greater plywood or wood plank.
Slope Range: 4": 12" or greater
Maximum Uplift Pressure: -80 psf (See General Limitation #2)

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than 8d annular ring shank nails spaced 6" o.c.

Underlayment: Minimum underlayment shall be an ASTM D 226 Type I felt installed in a double layer with a minimum 19" side lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 ga., 1¹/₄" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll, or any Miami-Dade County Product Control Approved underlayment having a current NOA.

Fire Barrier: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.

Valleys: Valley metals shall be a minimum 16" wide. Valley metal shall be set over a minimum 36" wide sheet of minimum ASTM D 226 Type II centered and applied parallel to the valley. Underlayment shall be fastened to the deck with 12 ga. 1¹/₄" long corrosion resistant ring shank nails at 6" o.c. along each edge. Valley metal shall be centered on the valley over underlayment and fastened to the deck with 12 ga., 1¹/₄" long corrosion resistant ring shank nails at 4" o.c. and 1" from each edge. Valley details shall be in accordance with the manufacturer's current published literature.

Ridge & Hips: See DaVinci Roofscapes LLC's published installation manual for details.

Starter: Install required starter with a 3/4" overhang at the eave. Fasten each starter with four (4) 0.120" x 1 3/4" long stainless steel ring shank nails. Nails shall be of sufficient length to penetrate through the sheathing a minimum of 3/16". Starter tiles must be spaced 3/8" - 1/2" apart to allow for thermal expansion.

Metal Panels and Accessories: Bellaforté Shake shall be installed in accordance with DaVinci Roofscapes, LLC's current published installation manual. Bellaforté Shake shall have a maximum 12" exposure and a minimum 3" offset between courses at the sidelaps. (See Detail 'D').

The first course of the Shake should sit directly on the starter tile and begin on the tab first then on top of the tile in the left hand corner. It may be necessary to lift the edge of the left hand tile to insert the valley of the installed tile underneath.

Bellaforté Shake shall be fastened with five (5) 0.120" x 1 3/4" long stainless steel ring shank nails. Four (4) through the holes locations imprinted on the slate (see Detail 'C') and one(1) through the side tab. Bellaforté Shake rake trim shall be installed with a 12" exposure and two (2) 0.120" x 1 3/4" long stainless steel ring shank nails; one (1) nail shall be secured though the deck, and one (1) nail though the fascia. Nails shall be of sufficient length to penetrate through the sheathing a minimum of 3/16"



System C:	Bellaforté Shake
Deck Type:	Wood, Non-Insulated
Deck Description:	1 ⁹ / ₃₂ " or greater plywood or wood plank for new decks, 15/32" for existing decks.
Slope Range:	4": 12" or greater
Maximum Uplift Pressure:	See Table C Below

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than 8d annular ring shank nails spaced 6" o.c.

Underlayment: Minimum underlayment shall be an ASTM D 226 Type I felt installed in a double layer with a minimum 19" side lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 ga., 1¹/₄" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll, or any Miami-Dade County Product Control Approved underlayment having a current NOA.

Fire Barrier: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.

Valleys: Valley metals shall be a minimum 16" wide. Valley metal shall be set over a minimum 36" wide sheet of minimum ASTM D 226 Type II centered and applied parallel to the valley. Underlayment shall be fastened to the deck with 12 ga. 1¹/₄" long corrosion resistant ring shank nails at 6" o.c. along each edge. Valley metal shall be centered on the valley over underlayment and fastened to the deck with 12 ga., 1¹/₄" long corrosion resistant ring shank nails at 4" o.c. and 1" from each edge. Valley details shall be in accordance with the manufacturer's current published literature.

Ridge & Hips: See DaVinci Roofscapes LLC's published installation manual for details.

Starter: Install required starter with a 3/4" overhang at the eave. Fasten each starter with four (4) 0.120" x 1 3/4" long stainless steel ring shank nails. Nails shall be of sufficient length to penetrate through the sheathing a minimum of 3/16". Starter tiles must be spaced 3/8" - 1/2" apart to allow for thermal expansion.

Metal Panels and Accessories: Bellaforté Shake shall be installed in accordance with DaVinci Roofscapes, LLC's current published installation manual. Bellaforté Shake shall have a maximum 12" exposure and a minimum 3" offset between courses at the sidelaps. **(See Detail 'D')**.

The first course of the shake should sit directly on the starter tile and begin on the tab first then on top of the tile in the left hand corner. It may be necessary to lift the edge of the left hand tile to insert the valley of the installed tile underneath.

Bellaforté Shake shall be fastened with five (5) 0.120" x 1 3/4" long stainless steel ring shank nails. Four (4) through the holes locations imprinted on the shake **(see Detail 'C')** and one(1) through the side tab. Bellaforté Shake rake trim shall be installed with a 12" exposure and two (2) 0.120" x 1 3/4" long stainless steel ring shank nails; one (1) nail shall be secured though the deck, and one (1) nail though the fascia. Nails shall be of sufficient length to penetrate through the sheathing a minimum of 3/16"



Bellaforté Shake Perimeter and Corner shall be fastened as above with one (1) additional #9 x 2” HWH wood screw placed in the split or middle of each shake in line with the nail tab. (See Detail E).

BELLAFORTE SHAKE MAXIMUM DESIGN PRESSURES		
Roof Areas	Field	Perimeter and Corner¹
Maximum Design Pressures	-75 psf	-112.5 psf
Number of Fasteners per panel	5	6
1. Extrapolation shall not be allowed		

GENERAL LIMITATIONS:

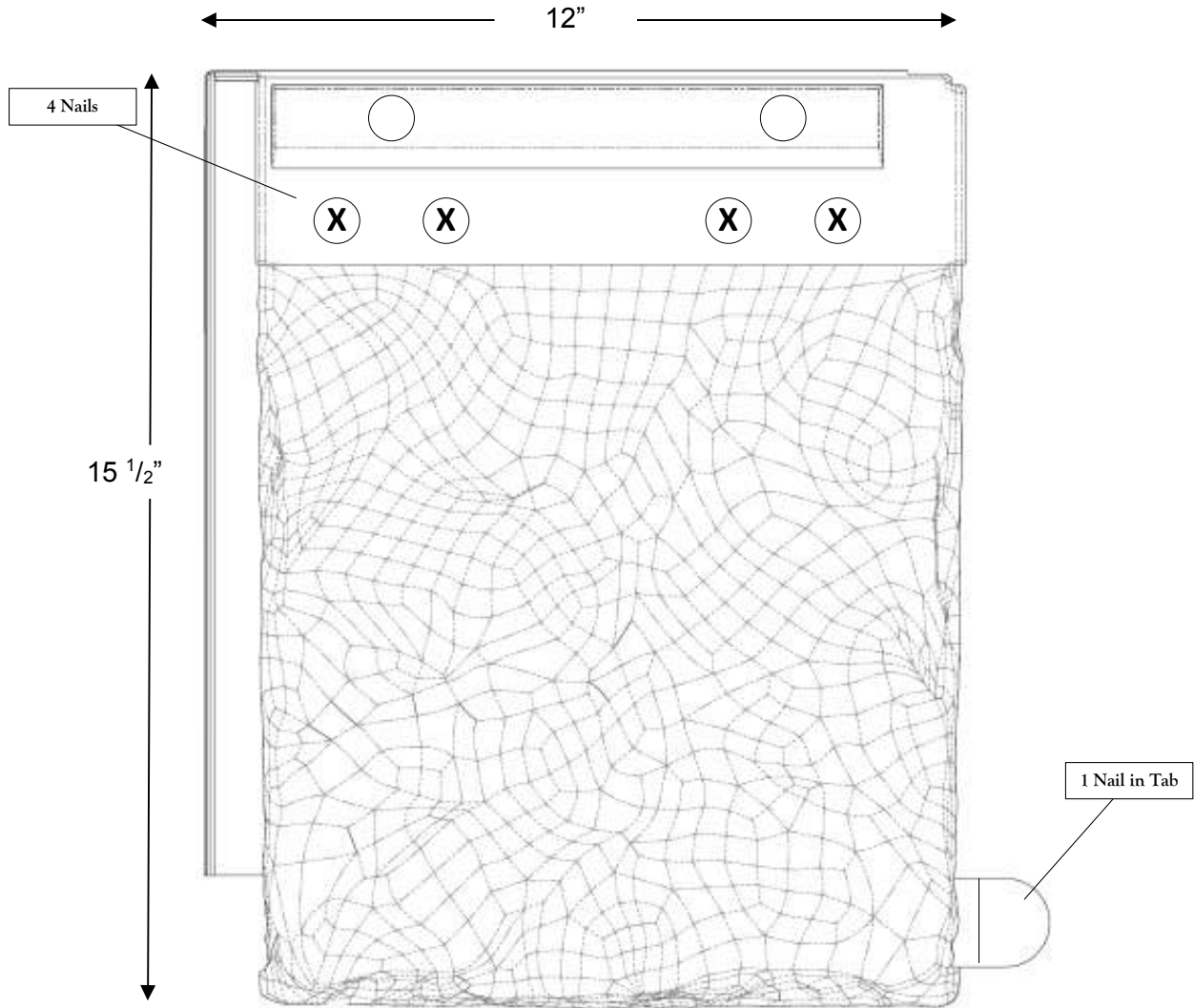
1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
3. All panels shall be permanently labeled with the manufacturer’s name and/or logo, city and state of manufacturing facility, and the following statement: “Miami-Dade County Product Control Approved” **or** with the Miami-Dade County Product Control Seal as seen below.



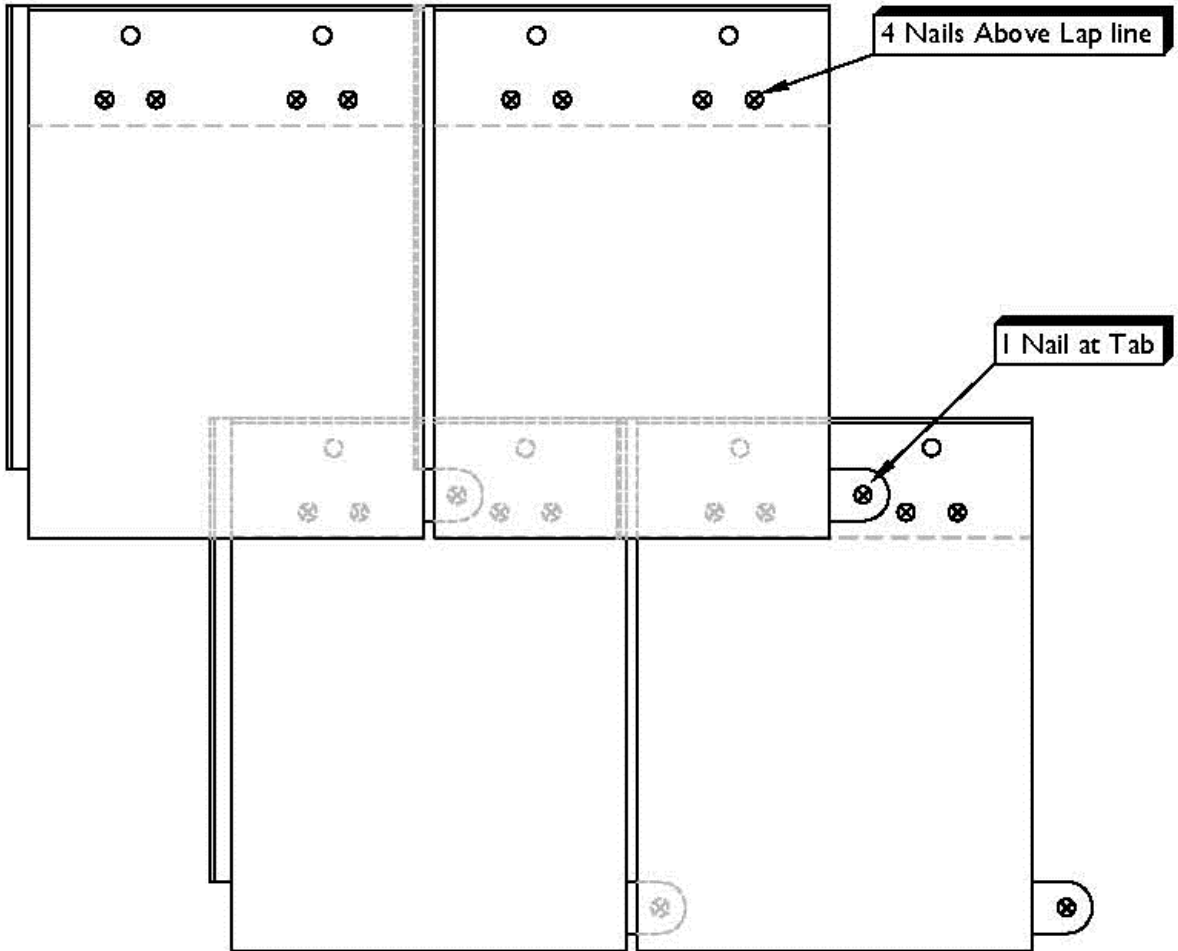
4. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.



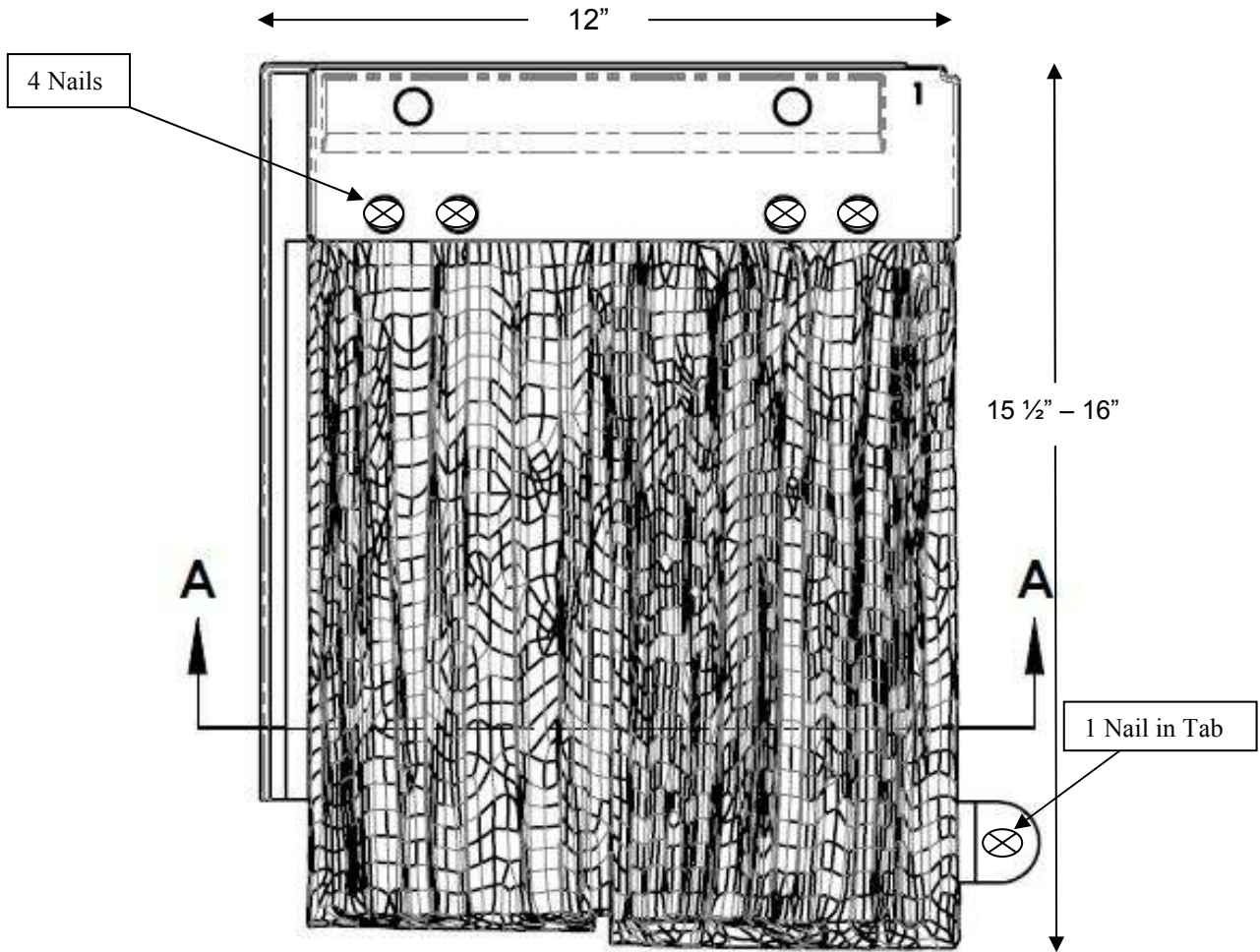
**DRAWINGS
DETAIL A
BELLAFORTÉ SLATE**



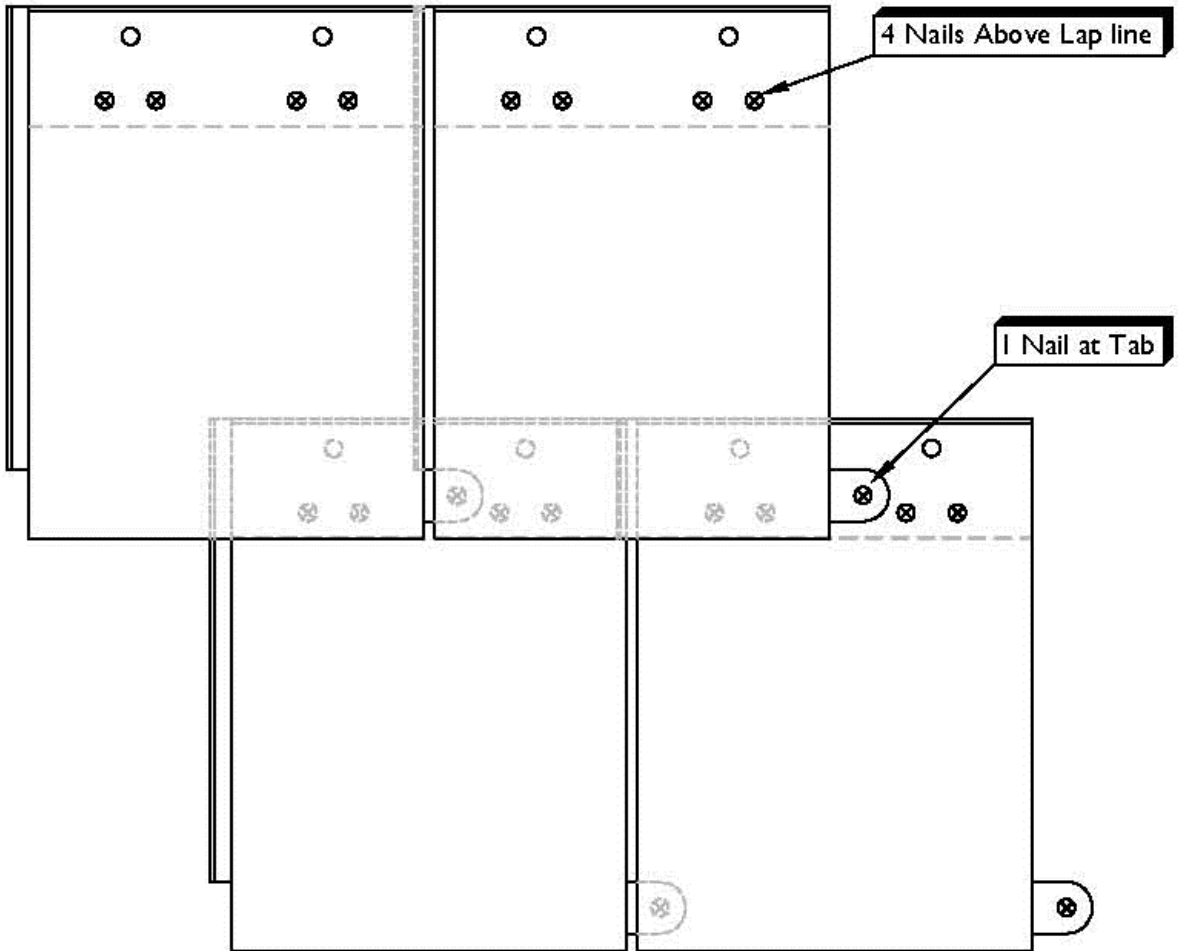
DETAIL 'B'
BELLAFORTÉ SLATE
LAYOUT



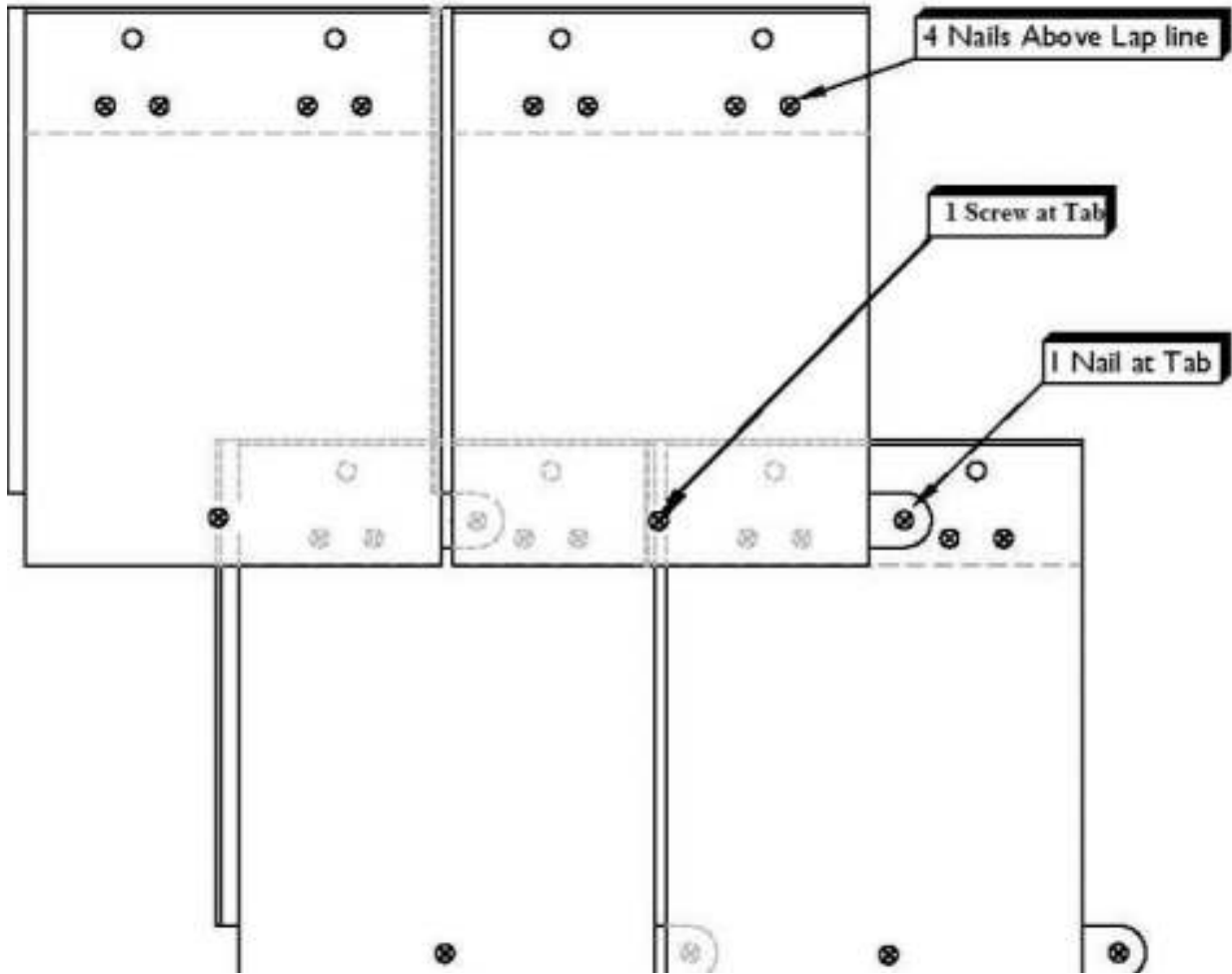
**DRAWINGS
DETAIL C
BELLAFORTÉ SHAKE**



DRAWINGS
DETAIL 'D'
BELLAFORTÉ SHAKE
FIELD LAYOUT



DRAWINGS
DETAIL 'E'
BELLAFORTÉ SHAKE
PERIMETER / CORNER LAYOUT



END OF THIS ACCEPTANCE

