



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

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

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.

DESCRIPTION: Davinci Handsplit Shake Polypropylene Siding

APPROVAL DOCUMENT: Drawing No. **0064-23-2-1** through **0064-23-2-6**, titled "Davinci Handsplit Shake Siding Installation", sheets 1 through 6 of 6, dated 08/10/2021, prepared by Boca Engineering, signed and sealed by Christopher W.C. Bowness, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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. Labeling the box/container of the smallest unit quantities in compliance with the NOA is considered acceptable, provided each unit contains a traceable marking to the production lot.

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 NOA **revises NOA # 18-0928.04** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



NOA No. 21-0312.14
Expiration Date: July 23, 2025
Approval Date: September 16, 2021
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 18-0928.04

A. DRAWINGS

1. Drawing No. **0064-1-2**, titled “Davinci Handsplit Shake Siding Installation”, sheets 1 and 2 of 2, dated 04/14/2020, prepared by Boca Engineering Co., signed and sealed by Christopher W.C. Bowness, P.E. on 06/09/2020.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of Davinci Handsplit Shake Siding, prepared by QAI Laboratories, Report No. **RJ6566P-7**, dated 10/28/2019, signed and sealed by V. Andrew Tan, P.E.
2. Test report on Accelerated Weathering per ASTM D155-13 and Flexural Properties per ASTM D790, prepared by Intertek, Report No. **104011548COQ-001**, dated 08/21/2019, signed by Gary T. Hartman, P.E.
3. Test report on Self-Ignition Temperature per ASTM D1929-12, prepared by Intertek, Report No. **104011548-003 R0**, dated 10/15/2019, signed by Gary T. Hartman, P.E.
4. Test report on Surface Burning Characteristics per ASTM E84-18, prepared by QAI Laboratories, Report No. **RJ6566F-1**, dated 05/21/2019, signed and sealed by V. Andrew Tan, P.E.
5. Test report on Rate of Burning per ASTM D635-10, prepared by Intertek, Report No. **104011548-004 R0**, dated 10/16/2019, signed by Gary T. Hartman, P.E.

C. CALCULATIONS

1. Anchoring calculations prepared by Spar Consultants, dated 06/09/2020, signed and sealed by Christopher W.C. Bowness, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Test reports on Standard Specification for Polypropylene per ASTM D7254-17, prepared by QAI Laboratories, Report No. **RJ6566P-1, 2, 3, 4, 5, and 6**, dated 11/02/2018, 05/17/2019, and 05/21/2019, signed and sealed by V. Andrew Tan, P.E.

F. STATEMENTS

1. Statement letter of code conformance to the 6th edition (2017) FBC and of no financial interest issued by Boca Engineering Co., dated 06/09/2020, signed and sealed by Christopher W.C. Bowness, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-0312.14
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New evidence submitted

A. DRAWINGS

1. Drawing No. **0064-23-2-1** through **0064-23-2-6**, titled “Davinci Handsplit Shake Siding Installation”, sheets 1 through 6 of 6, dated 08/10/2021, prepared by Boca Engineering, signed and sealed by Christopher W.C. Bowness, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchoring calculations, prepared by Boca Engineering Co., dated 04/25/2021, signed and sealed by Christopher W.C. Bowness, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

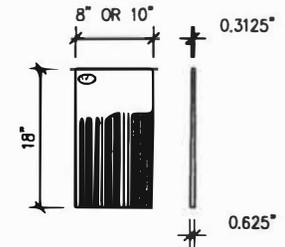
1. Statement letter of code conformance to the 7th edition (2020) of the FBC and of no financial interest, issued by Boca Engineering Co., dated 04/28/2021, signed and sealed by Christopher W.C. Bowness, P.E.



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Product Control Examiner
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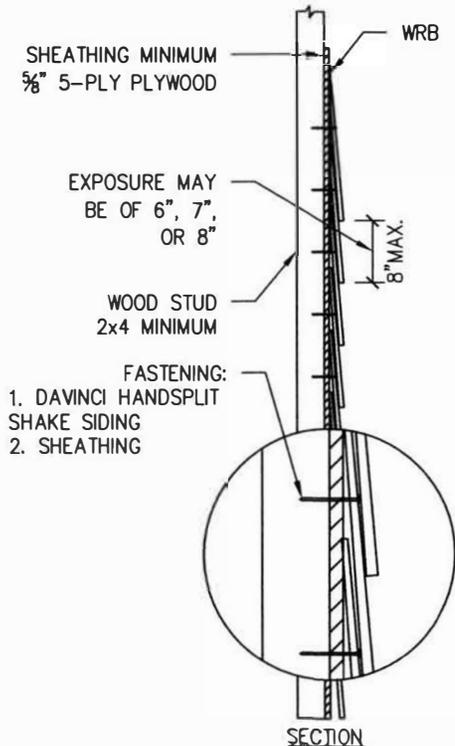
DAVINCI HANDSPLIT SHAKE SIDING
 INSTALLATION DETAILS FOR 2020 FBC 1620 HVHZ WIND LOADS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 21-0312.14
 Expiration Date 07/23/2025
 By *R. Thomas*
 Miami-Dade Product Control

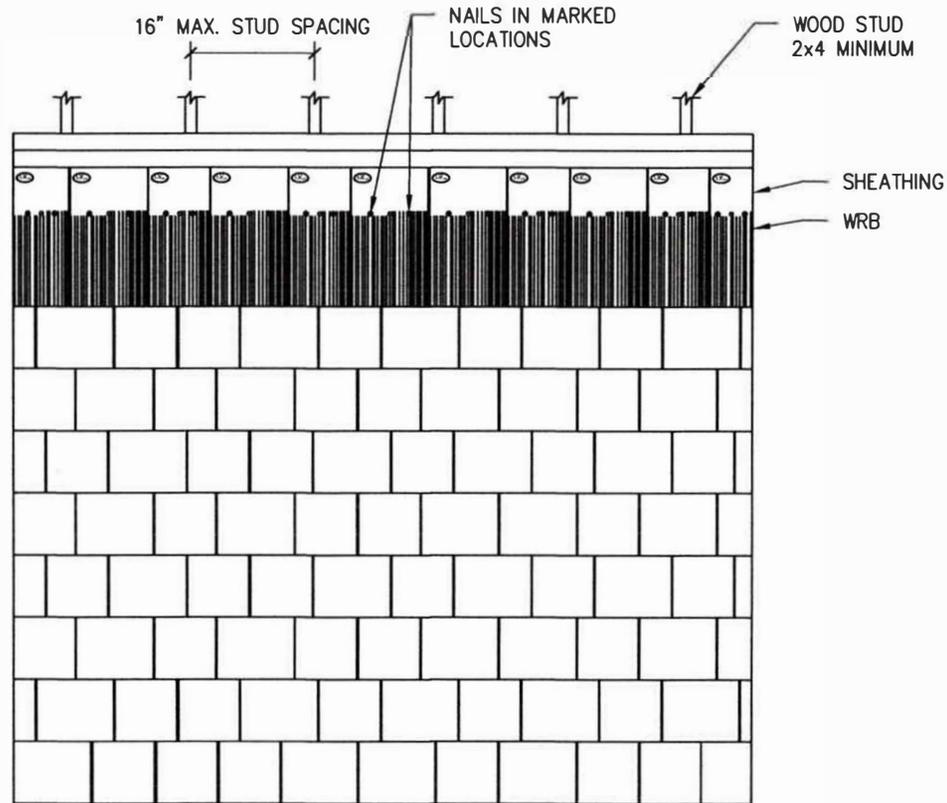


C
1
HANDSPLIT SHAKE

PROPERTY	HANDSPLIT SHAKE
LENGTH	18" ± 0.062"
WIDTH	8", 10" ± 0.062"
THICKNESS	HEAD END = 0.3125" BUTT END = 0.625"
WEIGHT	8" - 680 ± 50g 10" - 850 ± 50g



A
1
INSTALLATION - SECTION



B
1
INSTALLATION ELEVATION



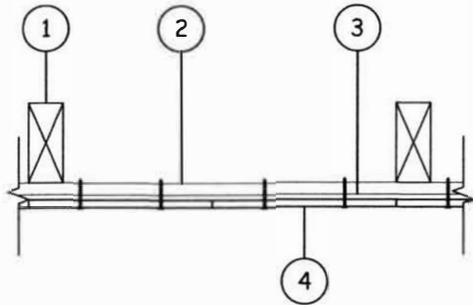
1	2021/08/10	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP

CLIENT: DAVINCI ROOFSCAPES, LLC.	PROJECT: 13890 W 101 ST., LENEXA, KS 66215	TITLE: HANDSPLIT SHAKE SIDING INSTALLATION
DATE: AUGUST 10, 2021	DRAWING NO. 0064-23-2-1 PG 1 OF 6	DES: CB DRN: LI CHK: CB



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**DAVINCI HANDSPLIT SHAKE SIDING
INSTALLATION DETAILS FOR 2020 FBC 1620 HVHZ WIND LOADS**



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0312.14
Expiration Date 07/23/2025
By *[Signature]*
Miami-Dade Product Control

A
2 DAVINCI HANDSPLIT SHAKE OVER WOOD STUD W/
PLYWOOD SHEATHING, FASTENED W/ RING SHANK NAILS

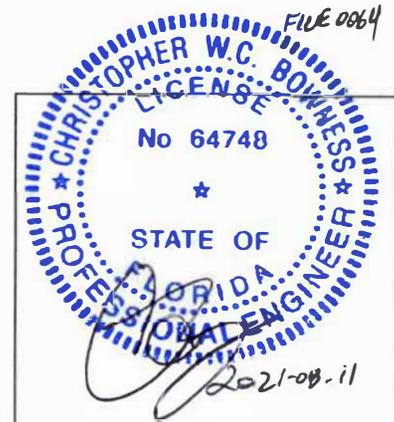
WOOD STUD & PLYWOOD SHEATHING ASSEMBLY INTERIOR TO EXTERIOR	
1	MIN. 2x4 WOOD SPF (SOUTH) No.2 STUDS @ 16" O.C.
2	MIN. 19/32" EXPOSURE 1 5-PLY PLYWOOD SHEATHING FASTENED WITH 8d COMMON NAILS @ 6" O.C. ALONG ALL STUDS & 4" O.C. ON END AND CORNER STUDS
3	WATER RESISTIVE BARRIER PER 2020 FBC 1404.2, ONE LAYER ASTM D226, TYPE 1. (OR APPROVED ALTERNATE)
4	DAVINCI SIDING @ 8" EXPOSURE W/ (2)-1 3/4" x 3/8" HEAD & 0.12" SHANK, 20 RING/INCH ANNULAR RING SHANK NAILS PER SHAKE

FLASHING: (NOT SHOWN) FLASHING PER 2020 FBC 1405.4 AT ALL PENETRATIONS.

INTERIOR FINISH AND INSULATION NOT SHOWN

NOTES:

1. THE STRUCTURAL FRAMING AND SHEATHING SHALL BE DESIGNED AND ANCHORED TO PROVIDE LATERAL BRACING AND PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. FRAMING DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
2. THESE DRAWINGS APPLY TO THE TESTING ASSEMBLY ONLY AND DO NOT IMPLY THAT THE SIGNATORY ENGINEER IS THE DESIGNER OF RECORD FOR ANY FUTURE CONSTRUCTION ON WHICH THEY ARE USED.
3. SOME NON-STRUCTURAL COMPONENTS NOT SHOWN AND DO NOT IMPACT STRENGTH FOR ATTACHMENT. TO BE INSTALLED PER CODE AND MAY INCLUDE: FLASHING, INTERIOR INSULATION, INTERIOR FINISH.
4. THE SIDING PRODUCT ASSEMBLY SHOWN IS DESIGNED TO COMPLY WITH THE 7TH EDITION (2020) FLORIDA BUILDING CODE (FBC) HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING TEST STANDARDS FOR WIND PRESSURE AND WIND-DRIVEN RAIN:
TAS 202-94
TAS 203-94
THE ASSEMBLY HAS SUCCESSFULLY BEEN TESTED TO AN ASD DESIGN PRESSURE OF $P_{MAX}=90$ PSF
5. IMPACT RATED PER TAS 201 BY SPECIFYING MINIMUM 5/8" PLYWOOD SHEATHING PER MIAMI-DADE COUNTY CHECKLIST #0280 FOR PLASTIC SIDING NOTE 1.
6. THE INSTALLATION DETAILS DESCRIBED ARE OF THE LABORATORY TESTED ASSEMBLY AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THE LICENSED ENGINEER OR ARCHITECT PREPARED SITE-SPECIFIC DOCUMENTS SHALL BE USED.



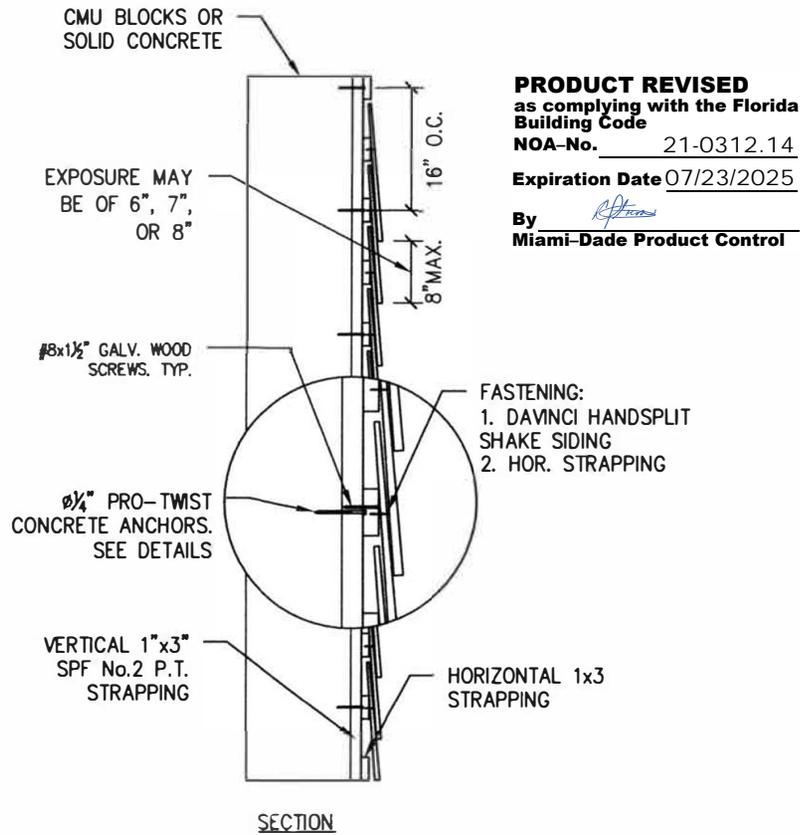
1	2021/08/10	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP

CLIENT: DAVINCI ROOFSCAPES, LLC.		PROJECT: 13890 W 101 ST., LENEXA, KS 66215		TITLE: HANDSPLIT SHAKE SIDING INSTALLATION OVER WOOD STUD WALL		
DATE AUGUST 10, 2021	DRAWING NO. 0064-23-2-2	PG 2 OF 6	DES CB	DRN LI	CHK CB	

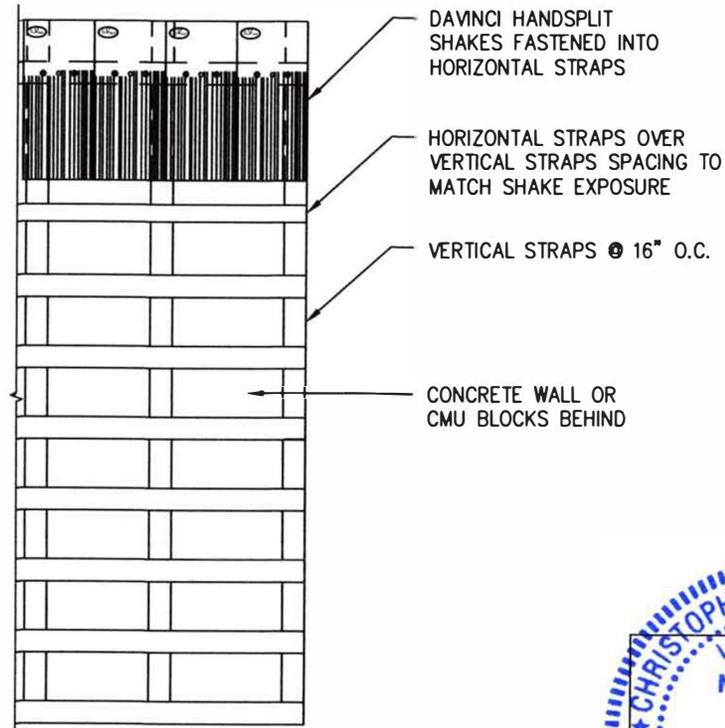


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DAVINCI HANDSPLIT SHAKE SIDING DETAILS FOR STRENGTH ATTACHMENT OF SIDING FOR WIND LOAD RESISTANCE



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0312.14
Expiration Date 07/23/2025
By *[Signature]*
Miami-Dade Product Control



A
3
INSTALLATION - SECTION

B
3
HANDSPLIT SHAKES OVER CMU OR CONCRETE WALL
ELEVATION VIEW
NOT-TO-SCALE

NOTES:

- DESIGN PRESSURE FOR DETAIL A/4, A/5, AND A/6 DETERMINED BY CALCULATION TO NDS-2018 WITH THE FOLLOWING ADJUSTMENT FACTORS FOR WOOD AND MECHANICAL FASTENERS INTO WOOD: $C_D=1.6$ $C_t=0.8$ $C_M=0.85$ $C_L=1.0$ $C_F=1.5$ $C_i=0.8$ $C_r=1.15$ $C_{fu}=1.0$
- ASD DESIGN PRESSURE OF $P_{MAX} = 90$ PSF



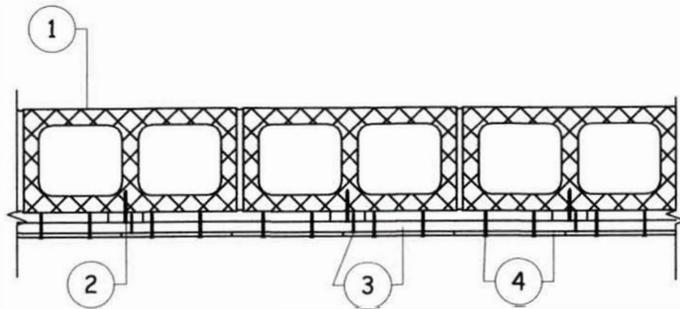
CLIENT: DAVINCI ROOFSCAPES, LLC.	PROJECT: 13890 W 101 ST., LENEXA, KS 66215	TITLE: HANDSPLIT SHAKE SIDING INSTALLATION
DATE AUGUST 10, 2021	DRAWING NO. 0064-23-2-3 PG 3 OF 6	DES CB DRN LI CHK CB

1	2021/08/10	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP

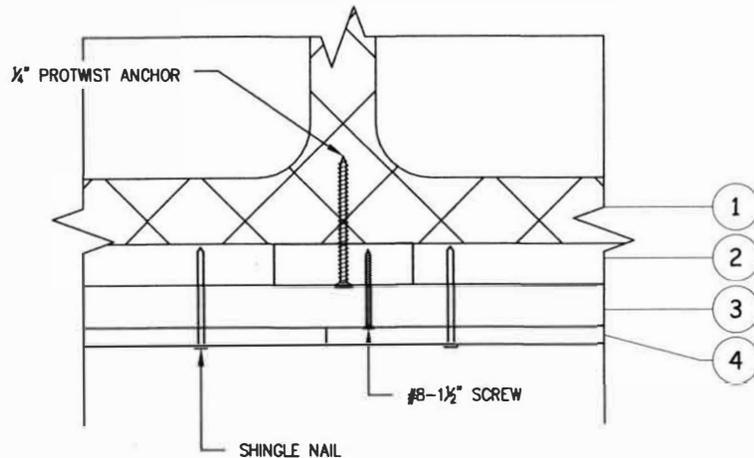


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DAVINCI HANDSPLIT SHAKE SIDING
 DETAILS FOR STRENGTH ATTACHMENT OF SIDING FOR WIND LOAD RESISTANCE



A
 4 HANDSPLIT SHAKES OVER HOLLOW CMU WALL
 PLAN VIEW NOT-TO-SCALE



B
 4 HANDSPLIT SHAKES OVER HOLLOW CMU WALL
 PLAN VIEW NOT-TO-SCALE

HOLLOW CMU WALL ASSEMBLY – INTERIOR TO EXTERIOR

1	HOLLOW NORMAL WEIGHT CMU BLOCKS MIN. 1500 PSI
2	VERT 1X3 P.T. SPF No.2 STRAPS @ 16" O.C. W/ 1/4" PRIME SOURCE PRO-TWIST SCREWS W/ MIN. ASD WITHDRAWAL STRENGTH OF 160LBF W/MIN. 1/4" EMBEDMENT @ 16" O.C. MIN E.D. OF 2 1/2"
3	HOR. 1X3 P.T. SPF No.2 STRAPS @ 8" O.C. W/#8x1 1/2" GALV. WOOD SCREWS INTO EVERY STRAP INTERSECTION
4	DAVINCI SIDING @ 8" EXPOSURE W/(2)-1 3/4"x3/8" HEAD & 0.12: SHANK, 20 RING/INCH ANNULAR RING SHANK NAILS PER SHAKE

FLASHING: (NOT SHOWN) FLASHING PER 2020 FBC 1405.4 AT ALL PENETRATIONS.
 P.T. – PRESSURE TREATED

PRODUCT REVISED
 as complying with the Florida
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 By *[Signature]*
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CLIENT:
 DAVINCI ROOFSCAPES, LLC.

PROJECT:
 13890 W 101 ST.,
 LENEXA, KS
 66215

TITLE:
 HANDSPLIT SHAKE SIDING INSTALLATION OVER
 HOLLOW CMU WALL

DATE
 AUGUST 10, 2021

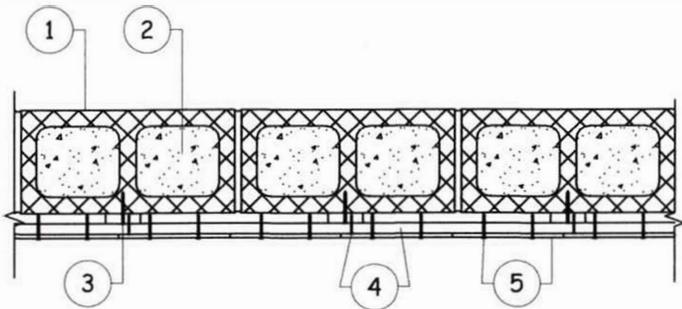
DRAWING NO.
 0064-23-2-4 PG 4 OF 6

DES	DRN	CHK
CB	LI	CB

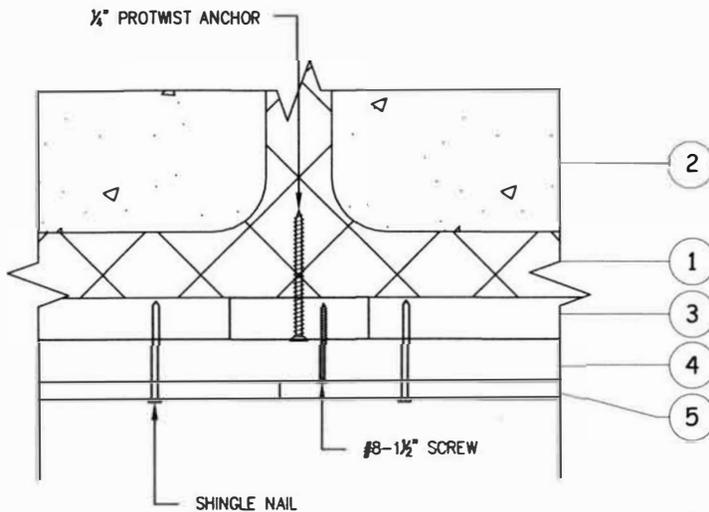


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DAVINCI HANDSPLIT SHAKE SIDING
 DETAILS FOR STRENGTH ATTACHMENT OF SIDING FOR WIND LOAD RESISTANCE



A
 5 HANDSPLIT SHAKES OVER GROUDED CMU WALL
 PLAN VIEW NOT-TO-SCALE

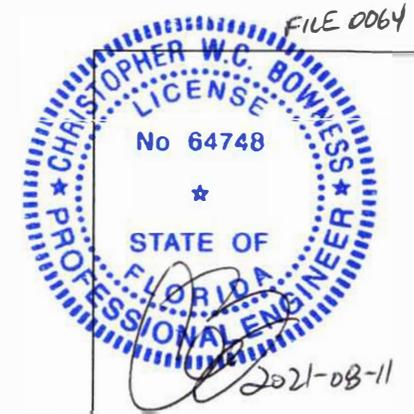


B
 5 HANDSPLIT SHAKES OVER GROUDED CMU WALL
 PLAN VIEW NOT-TO-SCALE

GROUDED CMU WALL ASSEMBLY – INTERIOR TO EXTERIOR	
1	CMU BLOCKS MIN. 1500 PSI
2	SOLID GROUT W/ MIN. 2000 PSI
3	VERT 1X3 P.T. SPF No.2 STRAPS @ 16" O.C. W/ 3/16" PRIME SOURCE PRO TWIST SCREWS W/MIN. 1 1/4" EMBEDMENT @ 16" O.C. MIN E.D. OF 1 7/8"
4	HOR. 1X3 P.T. SPF No.2 STRAPS @ 8"x1 1/2" O.C. W/#8 1 1/2" GALV. WOOD SCREWS INTO EVERY STRAP INTERSECTION
5	DAVINCI SIDING @ 8" EXPOSURE W/(2)-1 3/4"x3/8" HEAD & 0.12: SHANK, 2 RING/INCH ANNULAR RING SHANK NAILS PER SHAKE

FLASHING: (NOT SHOWN) FLASHING PER 2020 FBC 1405.4 AT ALL PENETRATIONS.
 P.T. – PRESSURE TREATED

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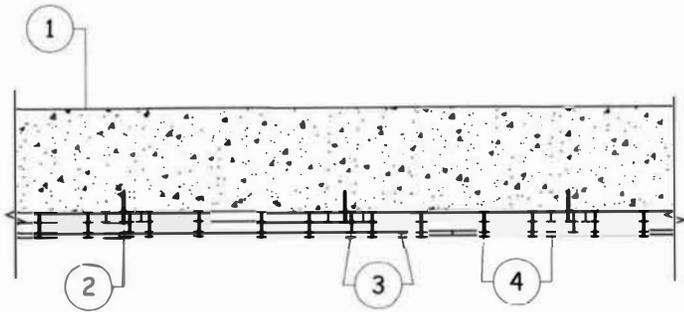


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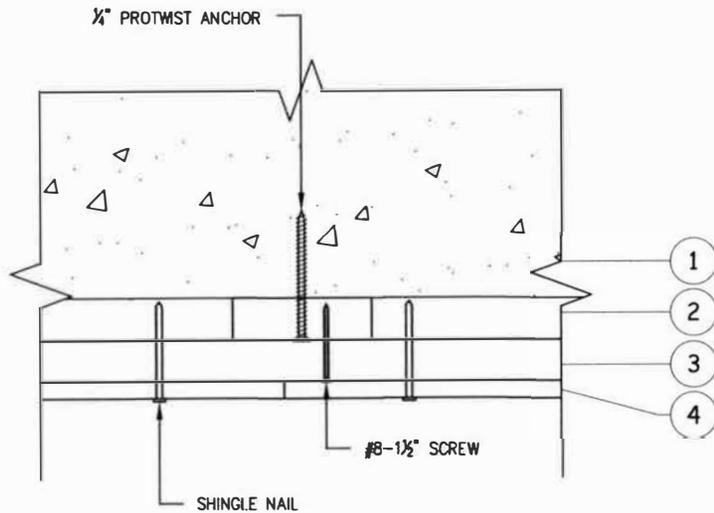
CLIENT: DAVINCI ROOFSCAPES, LLC.	PROJECT: 13890 W 101 ST., LENEXA, KS 66215	TITLE: HANDSPLIT SHAKE SIDING INSTALLATION OVER GROUDED CMU WALL
DATE AUGUST 10, 2021	DRAWING NO. 0064-23-2-5 PG 5 OF 6	DES CB DRN LI CHK CB

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DAVINCI HANDSPLIT SHAKE SIDING
 DETAILS FOR STRENGTH ATTACHMENT OF SIDING FOR WIND LOAD RESISTANCE



A
 6 HANDSPLIT SHAKES OVER CMU OR CONCRETE WALL
 PLAN VIEW NOT-TO-SCALE



B
 6 HANDSPLIT SHAKES OVER CMU OR CONCRETE WALL
 PLAN VIEW NOT-TO-SCALE

CONCRETE WALL ASSEMBLY – INTERIOR TO EXTERIOR	
1	SOLID CONCRETE MIN 2500 PSI
2	VERT 1X3 P.T. SPF No.2 STRAPS @ 16" O.C. W/ 3/16" PRIME SOURCE PRO-TWIST SCREWS, 3/16" ITW BUILDEX TAPCON SCREWS W/ MIN. ASD WITHDRAWAL STRENGTH OF 160LBF W/MIN. 1 1/2" EMBEDMENT @ 16" O.C.
3	HOR. 1X3 P.T. SPF No.2 STRAPS @ 8"x1 1/2" O.C. W/#8 1 1/2" GALV. WOOD SCREWS INTO EVERY STRAP INTERSECTION
4	DAVINCI SIDING @ 8" EXPOSURE W/(2)-1 3/4"x3/8" HEAD & 0.12: SHANK, 2 RING/INCH ANNULAR RING SHANK NAILS PER SHAKE

FLASHING: (NOT SHOWN) FLASHING PER 2020 FBC 1405.4 AT ALL PENETRATIONS.
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DATE AUGUST 10, 2021	DRAWING NO. 0064-23-2-6 PG 6 OF 6	DES CB	DRN LI	CHK CB



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