

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)

Arriscraft a Division of General Shale 6054 Zenith Mill Road Fort Valley, Georgia 31030

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Arris-Tile

APPROVAL DOCUMENT: Drawing No. ARR001, titled "Thin-Clad Calcium Silicate Tile & Thin-Clad Calcium Silicate Building Stone" sheets 1 through 5 of 5, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., on June 11, 2024, bearing Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 NOA renews NOA #23-1013.20 and consists of this page 1, evidence submitted pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY
APPROVED

Helg A. Melo-10/24/24

NOA No. 24-0926.03 Expiration Date: 09/26/2029 Approval Date: 10/24/2024

Page 1

Arriscraft a Division of General Shale

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-1022.04

A. DRAWINGS

1. Drawing No. ARR001, titled "Thin-Clad Calcium Silicate Tile & Thin-Clad Calcium Silicate Building Stone" sheets 1 through 5 of 5, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., on March 10, 2019.

B. TESTS

- 1. Test report on Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on Thin-Clad Calcium Silicate Adhered Veneers on Concrete Masonry Block Wall, prepared by UL, Report No. SV30547-20170818, dated 10/09/2018, signed and sealed by Alexis Spyrou, P.E.
- 2. Test report on Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on Thin-Clad Calcium Silicate Adhered Veneers on 16 ga. Steel Stud Walls, prepared by UL, Report No. SV30547-20180806, dated 10/09/2018, signed and sealed by Alexis Spyrou, P.E.

C. CALCULATIONS

1. Calculations, dated 02/12/2019, 3 pages, prepared by Building Drops, signed and sealed by Hermes F. Norero, P.E., on March 10, 2019.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. Technical data and specifications.

F. STATEMENTS

1. Letter from Building Drops, dated 02/12/2019, signed and sealed by Hermes F. Norero, P.E., on 03/10/2019 stating that this product is in compliance with the Florida Building Code, 2017 Edition.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-1223.07

A. DRAWINGS

1. Drawing No. ARR001, titled "Thin-Clad Calcium Silicate Tile & Thin-Clad Calcium Silicate Building Stone" sheets 1 through 5 of 5, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., on December 17, 2020.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

> NOA No. 24-0926.03 Expiration Date: 09/26/2029

Approval Date: 10/24/2024

Arriscraft a Division of General Shale

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter from Building Drops, dated 11/23/2020, signed and sealed by Hermes F. Norero, P.E., on 12/17/2020 stating that this product is in compliance with the Florida Building Code, 2020 Edition.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 23-1013.20

A. DRAWINGS

1. Drawing No. ARR001, titled "Thin-Clad Calcium Silicate Tile & Thin-Clad Calcium Silicate Building Stone" sheets 1 through 5 of 5, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., on June 11, 2024.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. OUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter from Building Drops, dated 06/05/2024, signed and sealed by Hermes F. Norero, P.E., on 06/11/2024 stating that this product is in compliance with the Florida Building Code, 2023 Edition.

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 24-0926.03

Expiration Date: 09/26/2029 Approval Date: 10/24/2024

Arriscraft a Division of General Shale

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources.
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- F. STATEMENTS
 - 1. Letter from Building Drops, dated 08/06/2024, signed and sealed by Hermes F. Norero, P.E., stating that this product is in compliance with the Florida Building Code, 2023 Edition.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 24-0926.03

Expiration Date: 09/26/2029
Approval Date: 10/24/2024



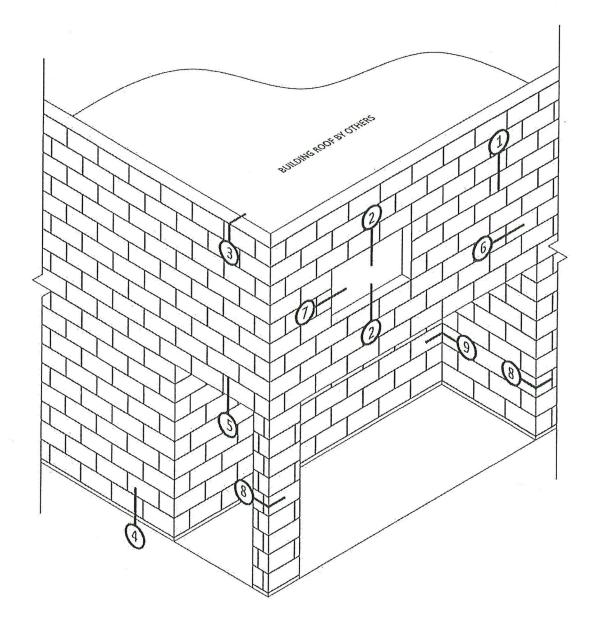
A DIVISION OF GENERAL SHALE

THIN-CLAD CALCIUM SILICATE TILE & THIN-CLAD CALCIUM SILICATE **BUILDING STONE**

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2023 EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN TESTED AND EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94 (STRUCTURAL ONLY)
 - TAS 203-94
- 2. THIS SIDING SYSTEM HAS NOT BEEN TESTED FOR WATER INFILTRATION.
- 3. EXTERIOR WALLS RECEIVING FACADE SYSTEM SHALL BE CONSTRUCTED WITH A WATER-RESISTIVE BARRIER COMPLYING WITH 2023 FLORIDA BUILDING CODE AS STATED IN SECTION 1404.2.
- 4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND/OR STUD FRAMING AND SHEATHING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE, PRODUCT IS TO BE ADHERED TO APPROVED IMPACT RESISTANT CONSTRUCTION PER FBC 1626.4.
- 7. TILE MATERIAL: CALCIUM SILICATE
- 8. AVAILABLE IN STANDARD AND CUSTOM COLORS.
- NOTE, INSTALLATION DETAILS AND RATINGS WITHIN APPLY EQUALLY TO THIN-CLAD CALCIUM SILICATE THE AND THIN-CLAD CALCIUM SILICATE BUILDING STONE PRODUCTS.

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| 1 | GENERAL NOTES & TABLE OF CONTENTS |
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| 3 | THIN-CLAD CALCIUM SILICATE TILE HORIZONTAL SECTIONS |
| 4 | THIN-CLAD CALCIUM SILICATE TILE INSTALLATION |
| 5 | COMPONENTS & PROFILE DIMS. |



DESIGN PRESSURE RATING

-105 PSF

PRODUCT RENEWED

DWG. BY: SM PRODUCT REVISED as complying with the Florida

DATE: 01.23.19 CHK, BY:

HFN NTS SCALE:

DWG. #: ARRO01

SHEET: OF 5

Arriscraft

A DIVISION OF GENERAL SHALE 6054 Zenith Mill Road Arriscraft Lane Fort Valley, Georgia 31030

PH: 478-827-1896 FAX: 478-827-1897

CLAD CALCIUM SILICATE TILE CALCIUM SILICATE BUILDING

THIN-C

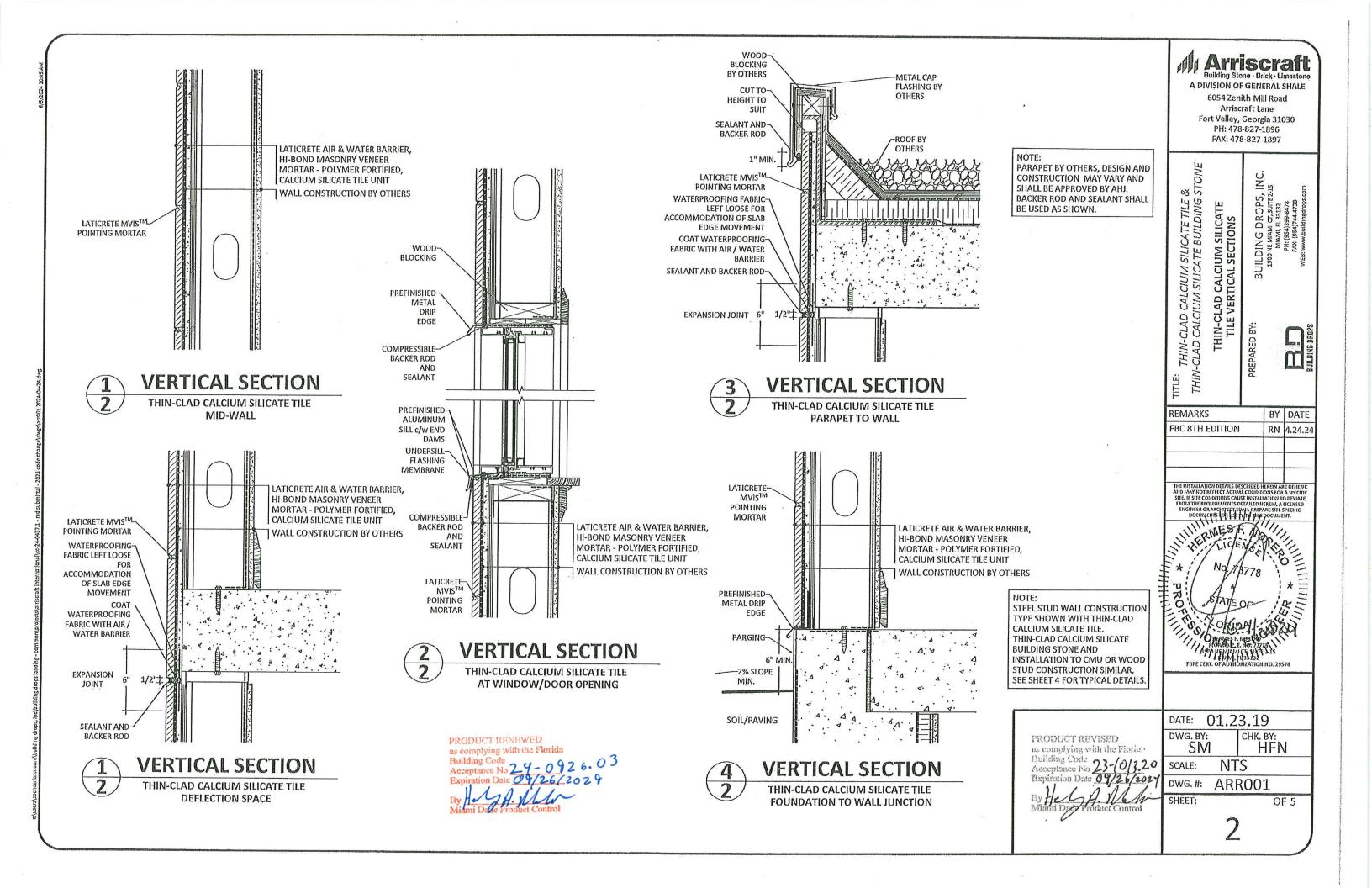
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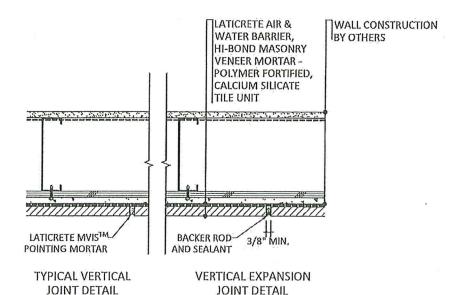
FBC 8TH EDITION

GENERAL NOTES & TABLE OF CONTENTS

BY DATE

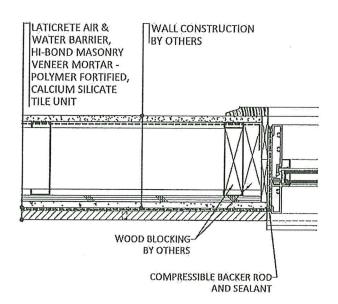
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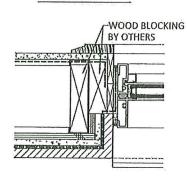
HORIZONTAL SECTION

THIN-CLAD CALCIUM SILICATE TILE **VERTICAL JOINT**



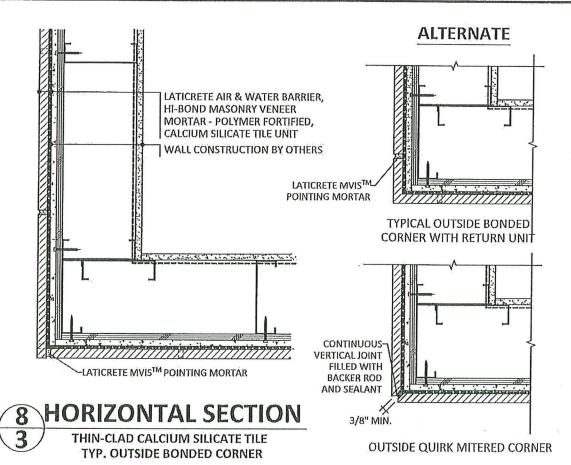
HORIZONTAL SECTION THIN-CLAD CALCIUM SILICATE TILE WINDOW JAMB

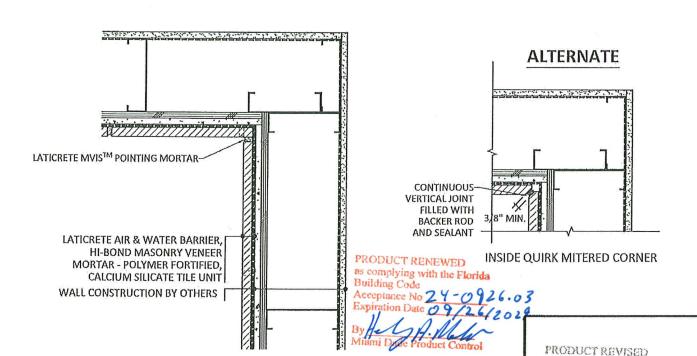
ALTERNATE



WINDOW JAMB WITH **ALUMINUM SILL - END RETURN** tile UNIT (PLAN VIEW)

NOTE: STEEL STUD WALL CONSTRUCTION TYPE SHOWN WITH THIN-CLAD CALCIUM SILICATE TILE. THIN-CLAD CALCIUM SILICATE **BUILDING STONE AND** INSTALLATION TO CMU OR WOOD STUD CONSTRUCTION SIMILAR, SEE SHEET 4 FOR TYPICAL DETAILS.





HORIZONTAL SECTION

THIN-CLAD CALCIUM SILICATE TILE TYP. INSIDE BONDED CORNER

Arriscraft

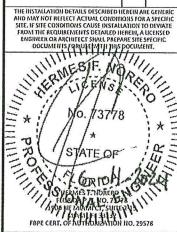
Building Stone · Brick · Umestor A DIVISION OF GENERAL SHALE

> 6054 Zenith Mill Road Arriscraft Lane Fort Valley, Georgia 31030 PH: 478-827-1896 FAX: 478-827-1897

BUILDING DROPS, INC.
1900 NE MAM, FL 33.12.
PH: (954)399-8478
FR: (954)399-8478
MER. MAM, FL (954)399-8478 THIN-CLAD CALCIUM SILICATE TILE & BUILDING STONE HORIZONTAL SECTIONS THIN-CLAD CALCIUM SILICATE TILE.
THIN-CLAD CALCIUM SILICATE BUILDING

PREPARED BY:

REMARKS BY DATE **FBC 8TH EDITION** RN 4.24.24



01.23.19 DATE: DWG. BY: CHK. BY: HFN

SM NTS SCALE:

as complying with the Florida

Acceptance No 23-[0]3.20 Expiration Date 09/26/2029

Building Code

ARRO01 DWG. #:

SHEET:

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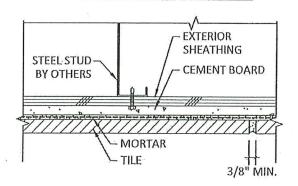
OF 5

INSTALLATION NOTES:

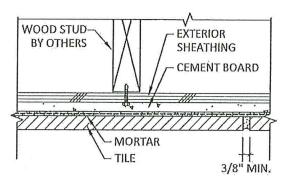
- 1. THIN-CLAD CALCIUM SILICATE TILE IS TO BE ADHERED TO SUBSTRATE USING POLYMER FORTIFIED MORTAR.
- LATICRETE MVISTM POINTING MORTAR REQUIRED AT JOINTS.

 EXPANSION JOINTS SEALED WITH BACKER ROD AND LATASILTM SEALANT.
- LATICRETE MVISTM AIR & WATER BARRIER REQUIRED ON SUBSTRATE.
- WATERPROOFING FABRIC REQUIRED AT SLABS BEHIND LATICRETE AIR & WATER BARRIER, TO BE LEFT LOOSE TO ACCOMMODATE SLAB EDGE MOVEMENT.
- UNITS CAN BE BONDED DIRECTLY TO CONCRETE WALL OR CMU USING LATICRETE MASONRY VENEER INSTALLATION SYSTEM (MVIS).
- 6. FOR STUD WALL SYSTEMS A CEMENT BACKER BOARD MUST BE USED WITH THE LATICRETE MVISTM.

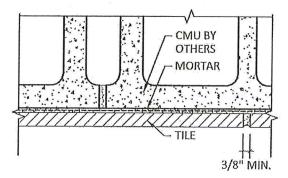
THIN-CLAD CALCIUM SILICATE TILE & BUILDING STONE



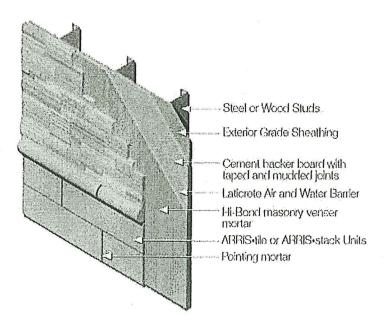
STEEL STUD



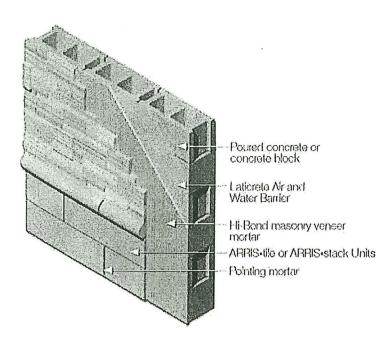
WOOD STUD



CIVIU



THIN-CLAD CALCIUM SILICATE TILE AND BUILDING STONE ON STEEL/WOOD STUDS



THIN-CLAD CALCIUM SILICATE TILE AND BUILDING STONE ON MASONRY

PRODUCT RENEWED

PRODUCT REVISED as complying with the Florida

Arriscraft A DIVISION OF GENERAL SHALE

6054 Zenith Mill Road Arriscraft Lane Fort Valley, Georgia 31030 PH: 478-827-1896

FAX: 478-827-1897

BUILDING DROPS, INC 1900 NE MIAMI, CT. SUITE 2-15 MIAMI, EL 33322 PH: (953)399-4738 FAY: (954)734,4738

THIN-CLAD CALCIUM SILICATE TILE BUILDING STONE INSTALLATION.

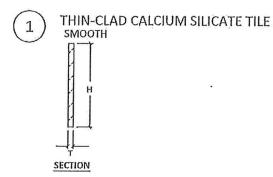
ITLE: THIN-CLAD CALCIUM SILICATE TILE. THIN-CLAD CALCIUM SILICATE BUILDING REMARKS BY DATE **FBC 8TH EDITION** RN 4.24.24

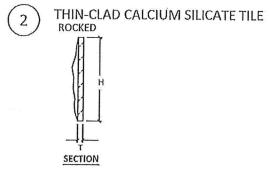
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DATE: 01.23.19 DWG, BY: CHK. BY: SM HFN

NTS SCALE: ARRO01 DWG. #:

SHEET: OF 5





THIN-CLAD CALCIUM SILICATE TILE

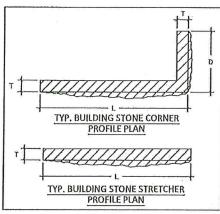


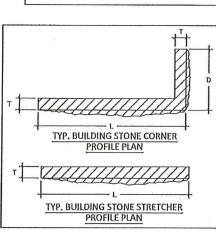
THIN-CLAD CALCIUM SILICATE TILE CLAD CALCIUM SILICATE BUILDING COMPONENTS & PROFILE DIMS. BUILDING D 1500 NE MIAMIC MIAMI, FL PH: (554)35 FAX: (554)3

Arriscraft

REMARKS BY DATE FBC 8TH EDITION RN 4.24,24

THE INSTALLATION DETAILS DESCRIDED HEREIN ARE GENERIC
AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC
SHE, IF SHE CONDITIONS CAUSE INSTALLATION TO DEVIATE
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ENGINEER OR ARCHITECT SHALL PREPARE SHE SPECIFIC





TYP. TILE CORNER PROFILE PLAN

TYP. TILE STRETCHER PROFILE PLAN

| | DOCUMENTS FOR USE WITH THIS DOCUMENT. |
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| | DOCUMENTS FOR USE WITH THIS DOCUMENT. SEE NO. 73778 W. 73778 W. 73778 W. A. T. |
| - 1 | |

PRODUCT REVISED as complying with the Florida

DWG. BY: SM SCALE: NTS ARR001 DWG. #:

DATE:

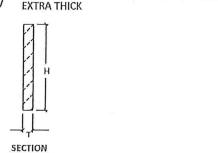
SHEET: OF 5

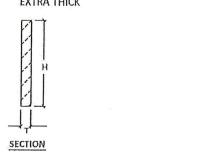
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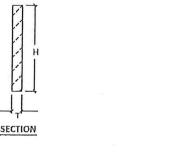
CHK. BY:

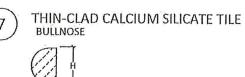
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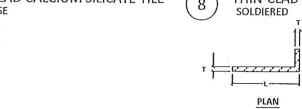


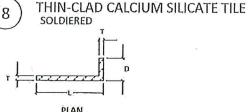












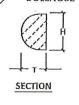
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EXTRA THICK W/ CHAMFER

SECTION

PRODUCT RENEWED

as complying with the Florida





SPLIT OR SMOOTH FACE FINISH

SECTION

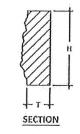
THIN-CLAD CALCIUM SILICATE TILE

SECTION

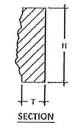
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THIN-CLAD CALCIUM SILICATE BUILDING STONE

THIN-CLAD CALCIUM SILICATE TILE

5

9

SECTION

SPLIT OR SMOOTH FACE FINISH

