

# 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

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

## NOTICE OF ACCEPTANCE (NOA)

PlyGem Resid. Solut, div of Cornerstone Bldg. Brands 2415 Campbell Road Sidney, OH 45365

**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:** Georgia Pacific and TrueWall Vinyl Siding and Vented Soffit

**APPROVAL DOCUMENT:** Drawing No. **PGRS002**, titled "Georgia Pacific and TrueWall Vinyl Siding and Vented Soffit", sheets 1 and 3 of 3, dated 08/30/2022, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, 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 piece shall bear a permanent label marked at not more than 4' o.c. with the manufacturer's name or logo, city, state, and following statement: "Miami-Dade County Product Control Approved" and per FBC 1709.10.2 and 1709.10.3 on Soffits.

**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 # 22-0908.04** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

09/17/24

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

MIAMI-DADE COUNTY
APPROVED

NOA No. 24-0725.06 Expiration Date: October 31, 2027 Approval Date: September 26, 2024

Page 1

#### 1. Evidence submitted under previous NOA's

#### A. DRAWINGS

1. Drawing No. 12-0829.13, titled "Installation Design Drawing for Vinyl Siding/Soffit", sheets 1 and 2 of 2, dated 01/25/2013, prepared by the manufacturer, signed and sealed by Allen N. Reeves, P.E. on 10/27/2017.

#### B. TESTS "Submitted under NOA # 03-1017.01"

	Laboratory Report	Test	Date	Signature
1.	01-44749.02	TAS 202 & 203	03/10/04	J. A. Reed, P.E.
2.	01-44739.02	TAS 202 & 203	03/10/04	J. A. Reed, P.E.
<b>3</b> .	01-44750.02	TAS 202 & 203	03/10/04	J. A. Reed, P.E.
4.	50437.01-106-18	ASTM G155	12/06/04	J. A. Reed, P.E.
<b>5.</b>	50437.01-106-18	ASTM D638	12/06/04	J. A. Reed, P.E.

6. 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 Variform Contractors Choice D5 Vinyl Siding, prepared by Intertek/ATI, Test Report No. "Submitted under NOA #17-1107.06" **H5091.01-109-18**, dated 11/29/2017, signed and sealed by Joseph A. Reed, P.E.

- 7. 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 Variform Model 145 Standard Double 5 Vinyl Soffit, prepared by Intertek/ATI, Test Report No.

**H5171.01-109-18**, dated 10/31/2017, signed and sealed by Joseph A. Reed, P.E.

"Submitted under NOA # 18-0808.01"

8. Test report on Wind Driven Rain Resistance Test per FBC TAS 100(A)-95 of the Triple 3-1/3" perforated soffit, prepared by Intertek/ATI, Test Report No. **G8989.01-109-18**, dated 02/14/2018, signed and sealed by Joseph A. Reed, P.E.

#### C. CALCULATIONS

1. None.

#### D. OUALITY ASSURANCE

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

#### E. MATERIAL CERTIFICATIONS

1. None.

#### F. STATEMENTS

- 1. Private label agreement letter dated 08/14/2002.
- 2. Statement letter of code conformance to the 6<sup>th</sup> edition (2017) FBC and of no financial interest issued by H.R. Engineering, Inc., dated 06/25/2018, signed and sealed by Allen N. Reeves, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0725.06
Expiration Date: October 31, 2027

#### 2. Evidence submitted under NOA # 19-0606.01

## A. DRAWINGS

1. Drawing No. 12-0829.13, titled "Installation Design Drawing for Vinyl Siding/Soffit", sheets 1 thru 4 of 4, dated 04/15/2019, prepared by the manufacturer, signed and sealed by Allen N. Reeves, P.E. on 10/24/2019 and 01/29/2020.

#### B. TESTS

1. None.

## C. CALCULATIONS

1. Calculation titled "Installation Analysis of Vinyl Siding", sheets 1 thru 6 of 6 and "Installation Analysis of Vinyl Soffit", sheets 1 thru 5 of 5, dated 03/25/2019, signed and sealed by Allen N. Reeves, P.E. on 04/17/2019.

## 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 6<sup>th</sup> edition (2017) FBC and of no financial interest issued by H.R. Engineering, Inc., dated 04/11/2019, signed and sealed by Allen N. Reeves, P.E.

#### G. OTHERS

1. Notice of Acceptance No. **18-0808.02**, issued to Georgia Pacific, Div. of Ply Gem Industries, Inc. for Georgia Pacific Vinyl Siding and Vented Soffit", approved on 09/20/2018 and expiring on 10/31/2022.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0725.06
Expiration Date: October 31, 2027

#### 3. Evidence submitted under NOA # 21-1109.03

#### A. DRAWINGS

Drawing No. **12-0829.13**, titled "Installation Design Drawing for Vinyl Siding/Soffit", sheets 1 thru 4 of 4, dated 04/15/2019, prepared by the manufacturer, signed and sealed by Allen N. Reeves, P.E. on 01/27/2022.

#### B. TESTS

1. None.

## C. CALCULATIONS

1. Calculation titled "Installation Analysis of Vinyl Siding", sheets 1 thru 6 of 6, prepared by HR Engineering, Inc., dated 01/18/2022, signed and sealed by Allen N. Reeves, 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 7<sup>th</sup> edition (2020) of the FBC issued by H.R. Engineering, Inc., dated 10/14/2021, signed and sealed by Allen N. Reeves, P.E.
- 2. Statement letter of no financial interest issued by H.R. Engineering, Inc., dated 10/14/2021, signed and sealed by Allen N. Reeves, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0725.06
Expiration Date: October 31, 2027

#### 4. Evidence submitted under NOA # 22-0908.04 and new

#### A. DRAWINGS

1. Drawing No. **PGRS002**, titled "Georgia Pacific and TrueWall Vinyl Siding and Vented Soffit", sheets 1 and 3 of 3, dated 08/30/2022, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

#### B. TESTS

1. None.

#### C. CALCULATIONS "Submitted under NOA # 22-0908.04"

1. Anchor calculations prepared by Building Drops, Inc., dated 10/10/2022, signed and sealed by Hermes F. Norero, 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 8<sup>th</sup> edition (2023) of the FBC and of no financial interest, issued by Building Drops, Inc., dated 02/26/2024, signed and sealed by Hermes F. Norero, P.E.
- 2. Distributor Agreement dated 06/20/2024.

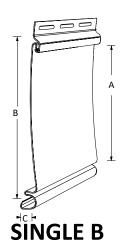
#### "Submitted under NOA # 22-0908.04"

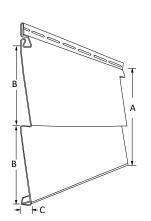
3. Statement letter of code conformance to the 7<sup>th</sup> edition (2020) of the FBC and of no financial interest, issued by Building Drops, Inc., dated 10/10/2022, signed and sealed by Hermes F. Norero, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0725.06
Expiration Date: October 31, 2027

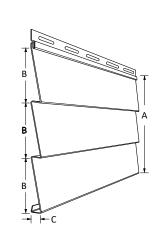
# PLY GEM RESIDENTIAL SOLUTIONS DIVISION OF CORNERSTONE BUILDING BRANDS, INC.

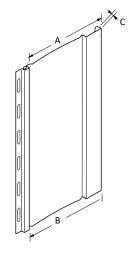
## GEORGIA PACIFIC AND TRUEWALL VINYL SIDING AND VENTED SOFFIT





**DOUBLE B** 





**VERTICAL** 

SIDING DESIGN PRESSURE TABLE:

APPROVED MODELS	CONFIGURATION	EXPOSURE "A" (IN)	B (IN)	C (IN)	NAIL SPACING	THICKNESS ~.001 (IN)	DESIGN PRESSURE (PSF)
Parkside	Double 5"	10"	5	1/2	8"h x 10"v	0.038	-68.75
Forest Ridge	Double 5"	10"	5	1/2	8"h x 10"v	0.042	-68.75
Vision Pro	Double 5"	10"	5	1/2	8"h x 10"v	0.04	-68.75
Parkside	Double 5" DL	10"	5	1/2	8"h x 10"v	0.038	-68.75
Vision Pro	Double 5" DL	10"	3 1/3	1/2	8"h x 10"v	0.04	-68.75
ShadowRidge	Double 5" DL	10"	5	1/2	8"h x 10"v	0.042	-68.75
Parkside	Triple 3 1/3"	10"	5	1/2	8"h x 10"v	0.038	-68.75
True Wall Series 4000	Double 5"	10"	5	1/2	8"h x 10"v	0.04	-68.75
True Wall Series 4000	Double 5" DL	10"	5	1/2	8"h x 10"v	0.04	-68.75
True Wall Series 3800	Double 5"	10"	5	1/2	8"h x 10"v	0.036	-68.75
True Wall Series 3800	Double 5" DL	10"	5	1/2	8"h x 10"v	0.036	-68.75
True Wall Series 4200	Double 5"	10"	5	1/2	8"h x 10"v	0.042	-68.75
True Wall Series 4200	Double 5" DL	10"	5	1/2	8"h x 10"v	0.042	-68.75
True Wall Series 4400	Double 5"	10"	5	1/2	8"h x 10"v	0.044	-68.75
True Wall Series 4010	Double 5" DL	10"	5	1/2	8"h x 10"v	0.04	-68.75
Parkside	Double 4"	8"	4	1/2	8"h x 8"v	0.038	-85.93
Forest Ridge	Double 4"	8"	4	1/2	8"h x 8"v	0.042	-85.93
Vision Pro	Double 4"	8"	4	1/2	8"h x 8"v	0.04	-85.93
Parkside	Double 4" DL	8"	4	1/2	8"h x 8"v	0.038	-85.93
Vision Pro	Double 4" DL	8"	4	1/2	8"h x 8"v	0.04	-85.93
ShadowRidge	Double 4" DL	8"	4	1/2	8"h x 8"v	0.042	-85.93
True Wall Series 3800	Double 4"	8"	4	1/2	8"h x 8"v	0.038	-85.93
True Wall Series 3800	Double 4" DL	8"	4	1/2	8"h x 8"v	0.038	-85.93
True Wall Series 4000	Double 4"	8"	4	1/2	8"h x 8"v	0.04	-85.93
True Wall Series 4000	Double 4" DL	8"	4	1/2	8"h x 8"v	0.04	-85.93
True Wall Series 4400	Double 4"	8"	4	1/2	8"h x 8"v	0.044	-85.93
True Wall Series 4010	Double 4" DL	8"	4	1/2	8"h x 8"v	0.04	-85.93
True Wall Series 4200	Double 4"	8"	4	1/2	8"h x 8"v	0.042	-85.93
True Wall Series 4200	Double 4" DL	8"	4	1/2	8"h x 8"v	0.042	-85.93
CastleRidge	Single 8"	8"	8	3/4	8"h x 8"v	0.044	-85.93
Parkside	Double 4 1/2"	9"	4.5	1/2	8"h x 9"v	0.038	-76.38
ChathamRidge	Triple 3"	9"	3	1/2	8"h x 9"v	0.04	-76.38
True Wall Series 3800	Double 4 1/2" DL	9"	4.5	1/2	8"h x 9"v	0.038	-76.38
True Wall Series 4400	Double 4 1/2" DL	9"	4.5	1/2	8"h x 9"v	0.044	-76.38
True Wall Series 4010	Double 4 1/2" DL	9"	4.5	1/2	8"h x 9"v	0.04	-76.38
Board & Batten	Single 7"	7"	7	3/4	8"h x 7"v	0.048	-98.21
Somerset Beaded	Single 6 1/2"	6.5"	6.5	1/2	8"h x 6.5"v	0.044	-98.21
True Wall Series B&B	Single 7"	7"	7	3/4	8"h x 7"v	0.044	-98.21

**PRODUCT REVISED** as complying with the Florida Building Code 24-0725.06

Expiration Date 10/31/2027

**Miami-Dade Product Control** 

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 8TH ED FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN **EVALUATED ACCORDING TO THE FOLLOWING:** 
  - ASTM D 3679-17
  - TAS 202-94

**GENERAL NOTES** 

- TAS 203-94
- ASTM G155
- ASTM D638
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING 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.
- VINYL SIDING/SOFFIT MEETS THE REQUIREMENTS OF CHAPTER 14 OF THE FLORIDA BUILDING CODE.
- 4. VINYL SIDING/SOFFIT SPECIFICATIONS:
  - SIDING MATERIAL: PVC (PER ASTM D 3679)
  - MINIMUM WALL THICKNESS: 0.040"
  - REFER TO DESIGN PRESSURE TABLE, SHEET 1 FOR ALLOWABLE SIDING DESIGN PRESSURES.
  - REFER TO DESIGN PRESSURE TABLE, SHEET 3 FOR ALLOWABLE SOFFIT DESIGN PRESSURES.
- VARIFORM, INC. VINYL SIDING & SOFFIT PRODUCTS ARE MFG. FROM A FORMULATED PVC COMPOUND MEETING OR EXCEEDING THE REQUIREMENTS OF ASTM D 3679 STD. FOR PVC SIDING AND COMPOUNDS.
- WALLS AND SOFFIT TO RECEIVE VINYL SIDING / SOFFIT SHALL BE CHECKED FOR STRUCTURAL ADEQUACY, CRACKS AND DEFECTS THAT SHALL BE ELIMINATED.
- 7. INSTALLATION OF THE SIDING / SOFFIT AND ACCESSORY PRODUCTS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE APPLICABLE SECTIONS OF THE FBC.
- 8. WALLS SHALL BE WATERPROOFED WITH ASPHALT SATURATED FELT OF NOT LESS THAN 15 LB / 100 SQ. FT AS DESCRIBED IN SECTION 1404.2 OF THE FBC.

Plv Gem

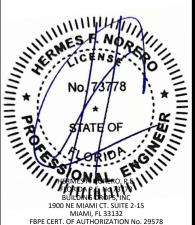
PLY GEM RESID. SOLUT., DIV.OF CORNERSTONE BLDG. BRANDS. INC 2405 CAMPBELL ROAD SIDNEY, OH 45365

> 70 CURTIS AVE N PARIS, ON N3L 3T2, CANADA

REMARKS

BY DATE 2023 FBC UPDATE 3/27/2

AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC ITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIAT



08.30.22 DWG. BY: CHK. BY: HFN

DI SCALE:

NTS

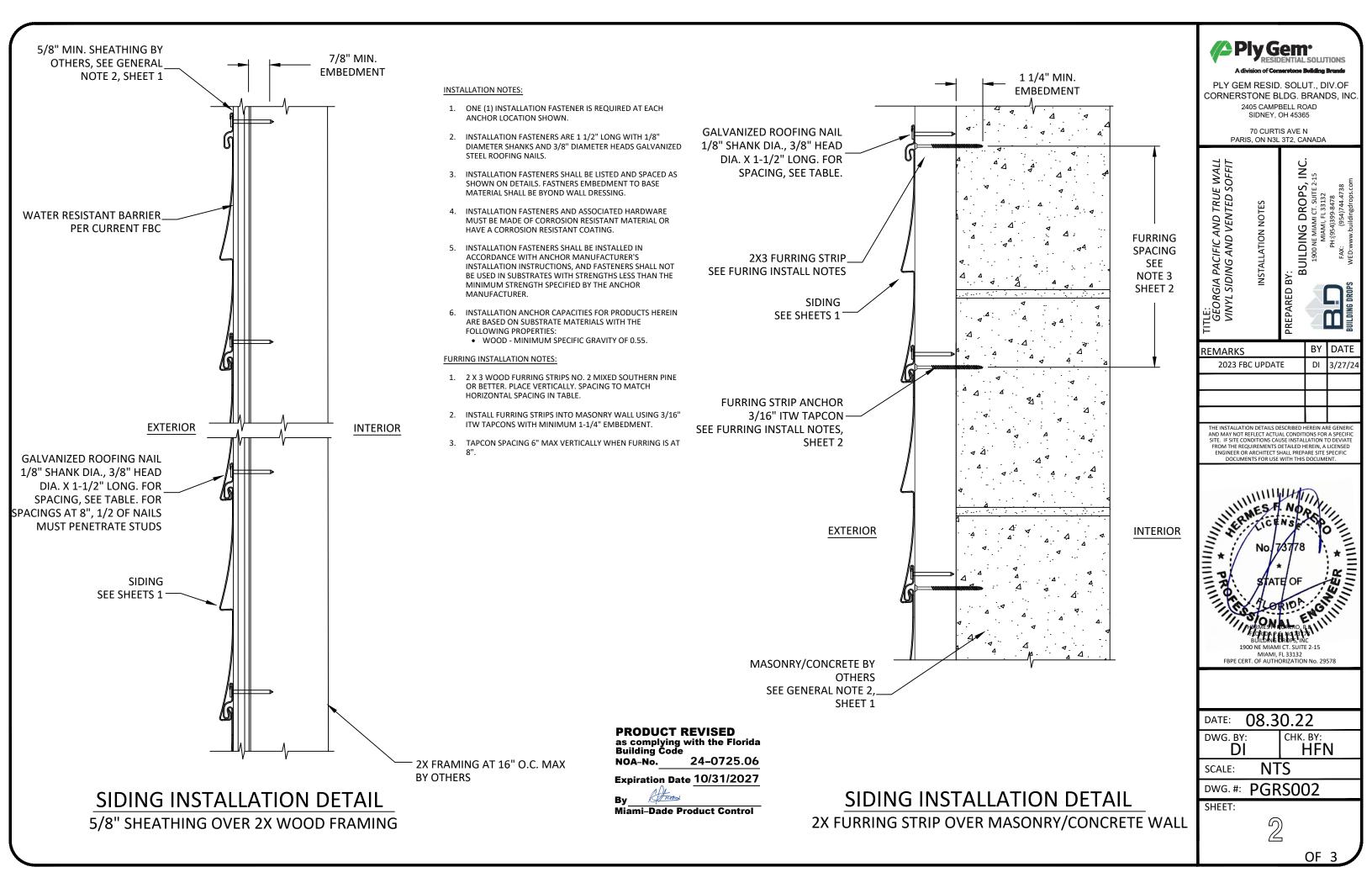
PGRS002 DWG. #:

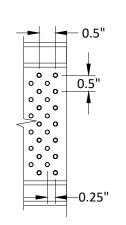
SHEET:

OF 3

1) A FACTOR OF SAFETY OF 1.5 HAS BEEN UTILIZED IN DETERMINING ALLOWABLE DESIGN PRESSURE.

2) THE PRESSURE EQUALIZATION FACTOR HAS BEEN USED IN THE DETERMINATION OF ALLOWABLE DESIGN PRESSURE IN ACCORDANCE WITH ASTM D 3679-17,





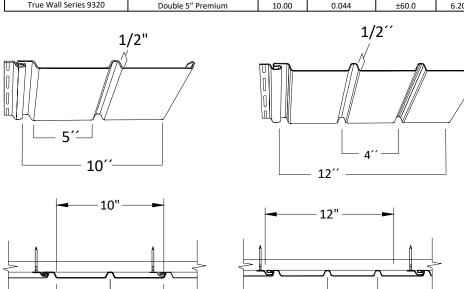
# HORIZONTAL PLAN B 3

**VENT HOLD PATTERN** VINYL

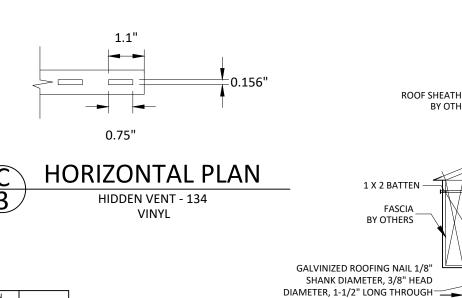
#### SOFFIT DESIGN PRESSURE TABLE:

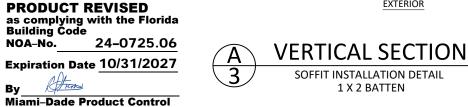
**DOUBLE 5"** 

APPROVED MODELS	PANEL CONFIGURATION	EXPOSURE	TYPICAL THICKNESS	DESIGN PRESSURE (PSF)	NET FREE AREA	
APPROVED MODELS		(IN)		Nails	(IN/FT <sup>2</sup> )	
				12" O.C.		
150	Triple 4"	12.00	0.035	+60.0 / -50.0	0.000	
151	Triple 4"	12.00	0.035	+60.0 / -50.0	14.340	
152	Triple 4"	12.00	0.035	+60.0 / -50.0	4.780	
140	Double 5"	10.00	0.044	±60.0	0.000	
141	Double 5"	10.00	0.044	±60.0	6.200	
144	Double 5"	10.00	0.040	±60.0	0.000	
145	Double 5"	10.00	0.040	±60.0	6.200	
157	Beaded 7"	7.00	0.040	±85.7	0.000	
158	Beaded 7"	7.00	0.040	±85.7	2.660	
True Wall Series 9100	Triple 4"	12.00	0.035	+60.0 / -50.0	0.000	
True Wall Series 9110	Triple 4"	12.00	0.035	+60.0 / -50.0	4.780	
True Wall Series 9120	Triple 4"	12.00	0.035	+60.0 / -50.0	14.340	
True Wall Series 9200	Double 5" Standard	10.00	0.040	±60.0	0.000	
True Wall Series 9220	Double 5" Standard	10.00	0.040	±60.0	6.200	
True Wall Series 9300	Double 5" Premium	10.00	0.044	±60.0	0.000	
True Wall Carios 0220	Davida Ell Davida	40.00	0.044	160.0	C 200	









TRUSS/RAFTER

ROOF SHEATHING BY OTHERS

1 X 2 BATTEN

FASCIA

INTERLOCKS

BY OTHERS

NAIL HEM HOLES AND BATTEN AT

BY OTHERS

#8 X 2" WOOD

MAX SPACING

- VINYL SOFFIT

**EXTERIOR** 

24" MAXIMUM OVERHANG

SCREW, BATTEN TO

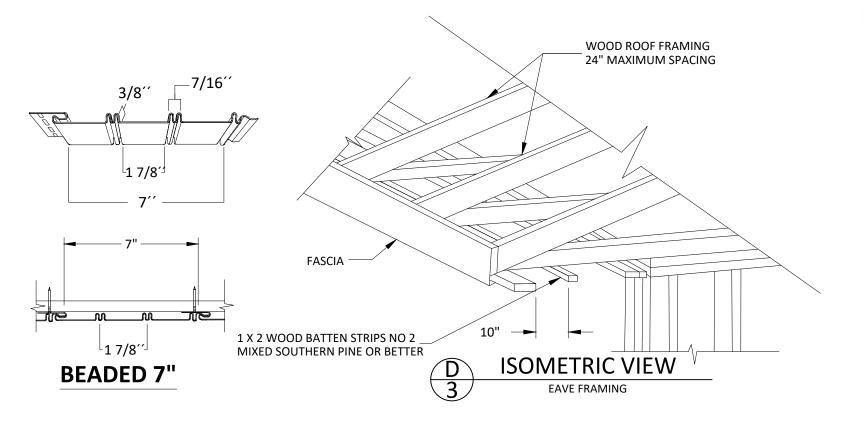
ROOF FRAMING, 24"

J-CHANNEL

ROOF

INTERIOR

**FRAMING** 





PLY GEM RESID. SOLUT., DIV.OF CORNERSTONE BLDG. BRANDS, INC 2405 CAMPBELL ROAD SIDNEY, OH 45365

> 70 CURTIS AVE N PARIS, ON N3L 3T2, CANADA

DESIGN PRESSURE TABLES, ISOMETRIC VIEWS & INSTALLATION NOTES TLE: GEORGIA PACIFIC AND TRUE WALL VINYL SIDING AND VENTED SOFFIT

M

BY DATE REMARKS 2023 FBC UPDATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC 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.



08.30.22 DATE: CHK. BY:

DWG. BY: SCALE:

NTS

DWG. #: PGRS002

SHEET:



OF 3

HFN