

PROVIA LLC

VINYL (PVC) SIDING

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1.

THIS PRODUCT HAS BEEN TESTED AND DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) - BUILDING AND RESIDENTIAL VOLUMES EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE(S) SHOWN ON SHEET 2.
2.

STRUCTURAL PERFORMANCE RATING (DESIGN PRESSURE IN PSF) IS BASED UPON SIGNED AND SEALED TEST REPORTS INCLUDING ASSOCIATED LABORATORY STAMPED DRAWINGS SHOWN ON SHEET 2 AND THE FOLLOWING.
- 2.1.

A SAFETY FACTOR OF 1.5 WAS APPLIED TO THE MAXIMUM TESTED LOADING PER ASTM D 5206 IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) - BUILDING AND RESIDENTIAL VOLUMES .
- 2.2.

A PRESSURE EQUALIZATION FACTOR OF 0.50 BASED ON ANNEX A1.2.1 & A1.2.2 OF ASTM D3679-17 WHICH ALLOWS ITS USE.
- 2.3.

THE NEGATIVE DESIGN PRESSURE RATING TABLE ON SHEET 2 IS BASED ON DIVIDING THE AS-TESTED PRESSURE BY THE 1.5 SAFETY FACTOR AND THE PRESSURE EQUALIZATION FACTOR.
- 2.3.1.

NEGATIVE DESIGN PRESSURE (PSF) = TESTED PRESSURE / (1.5 X 0.50).
3.

ADEQUACY OF THE EXISTING STRUCTURAL WOOD FRAMING COMPRISING THE ATTACHMENT SUBSTRATE FOR THE SIDING SHALL BE DETERMINED TO BE CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THAT STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD FOR THE PROJECT.
4.

SUBSTRATES RECEIVING VINYL SIDING SHALL BE CHECKED FOR STRUCTURAL INADEQUACY, CRACKS OR DEFECTS THAT SHALL BE ELIMINATED.
5.

INSTALLATION OF SIDING ACCESSORIES AND ACCESSORIES SUCH AS CORNER POSTS, STARTER STRIPS, AND TRIM AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) - BUILDING AND RESIDENTIAL VOLUMES AS APPLICABLE AND THE MANUFACTURER'S INSTRUCTIONS.
6.

SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT.
7.

WALLS WHERE VINYL SIDING SHALL BE INSTALLED MUST BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER, ARCHITECT OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY AND IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) - BUILDING AND RESIDENTIAL VOLUMES .
8.

WALLS WHERE VINYL SIDING SHALL BE INSTALLED SHALL BE PROVIDED WITH A WATER RESISTIVE BARRIER IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) - BUILDING AND RESIDENTIAL VOLUMES.

INSTALLATION NOTES:

1.

PROVIA LLC SIDING SHALL BE INSTALLED IN ACCORDANCE ASTM D 4756, THE RECOMMENDATIONS OF THE VINYL SIDING INSTITUTE'S VINYL SIDING INSTALLATION MANUAL AND THE FOLLOWING INSTALLATION NOTES AND INSTALLATION SPECIFIC REQUIREMENTS OF THIS PRODUCT APPROVAL DOCUMENT. VINYL SIDING INSTALLATION ANCHORS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN IN NOTE 4 BELOW FOR RESPECTIVE SUBSTRATE.
2.

VINYL SIDING SHALL BE INSTALLED AS SHOWN ON SHEET 3 FOR HORIZONTAL SIDING AND SHEET 4 FOR VERTICAL SIDING. SEE SHEET 2 FOR INSTALLATION ANCHOR SPACING AND EMBEDMENT REQUIREMENTS.
3.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES.
4.

INSTALLATION ANCHOR DETAILS:

4.1.

USE MINIMUM 0.125" DIAMETER x 1-1/2" LONG SMOOTH SHANK ROOFING NAIL WITH MINIMUM 0.375" DIAMETER HEAD FOR SIDING AND TRIM INSTALLATION FOR BOM ITEM NO. 1 THRU 24.

4.2.

USE MINIMUM 0.125" DIAMETER x 1-1/2" LONG SMOOTH SHANK ROOFING NAIL WITH MINIMUM 0.4375" DIAMETER HEAD FOR SIDING AND TRIM INSTALLATION FOR BOM ITEM NO. 25 THRU 30.

4.3.

SEE SHEETS 2, 3 AND 4 FOR ADDITIONAL DETAILS.
5.

ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.
6.

INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

6.1.

2x WALL STUDS - MIN. SPECIFIC GRAVITY OF 0.42 (EQUATES TO SPRUCE-PINE-FUR).

6.2.

15/32" THICK PLYWOOD - SPECIES GROUP 1 OR 2 (APA VOLUNTARY PRODUCT STANDARD PS 1) MINIMUM.

6.3.

7/16" OSB - SHEATHING GRADE (APA VOLUNTARY PRODUCT STANDARD PS 2) MINIMUM.

VINYL SIDING SPECIFICATIONS:

1.

VINYL SIDING IS MANUFACTURED FROM A FORMULATED PVC POWDER COMPOUND MEETING THE SPECIFICATIONS OF ASTM D3679.

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PROJECT NO. 422-0608

UPDATE TO 8th EDITION (2023) FBC

6/23/23

RJA

UPDATE TO CURRENT FBC

4/7/21

RJA

UPDATE TO ADD SIDING

9/27/18

RJA

DESCRIPTION

DATE

BY

PROVIA LLC

301 INDUSTRIAL PARK RD.
BOONEVILLE, MS 38829

TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING
GENERAL NOTES, B.O.M. AND D.P. CHART

DATE: 11/18/15

DRAWING NO: HSL0020

SHEET: 1 OF 17

DRAWN BY: RJA

SCALE: n/a

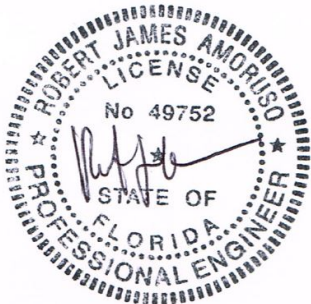
REV: C

PREPARED BY:



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SIDING PERFORMANCE RATING AND INSTALLATION ANCHOR SPACING

Siding Specs							Tested Negative Pressure (psf)	Maximum Negative Design Pressure (psf)	Installation Description		
BOM ITEM No.	Description	Orientation	Type	Nominal Wall Exposure (in)	Overall Height (In)	Thickness (in)			Siding Fastener Spacinig (in)	Siding, Starter Strip and Utility Trim Fastener Details	J Channel Fastener Details
1	Arbor Glen	Horizontal Vinyl	D45	9	10.319	0.042	45.41	60.55	16	NAIL @ 16" O.C. HORIZONTALLY	USE J CHANNELS ALONG ENDS FASTENED WITH NAILS @ 10" O.C. VERTICALLY INTO 2X4 WOOD STUD FRAMING
2	Arbor Glen	Horizontal Vinyl	D45 Dutchlap	9	10.368	0.042	45.41	60.55	16		
3	Autumnwood	Horizontal Vinyl	D4	8	9.25	0.042	45.76	61.01	6	NAIL @ 6" O.C. HORIZONTALLY WITH FULL PENETRATION BEYOND	
4	Autumnwood	Horizontal Vinyl	D5	10	11.19	0.042	45.76	61.01	6		
5	Autumnwood	Horizontal Vinyl	D4 Dutchlap	8	9.216	0.042	45.76	61.01	6		
6	Autumnwood	Horizontal Vinyl	D5 Dutchlap	10	11.285	0.042	45.76	61.01	6		
7	Autumnwood	Horizontal Vinyl	T3	9	10.436	0.042	45.76	61.01	6		
8	Cedar Peaks	Horizontal Vinyl	D45	9	10.59	0.046	74.53	99.37	16	NAIL @ 16" O.C. HORIZONTALLY INTO 2X WOOD STUD FRAMING	
9	Cedar Peaks	Horizontal Vinyl	D45 Dutchlap	9	10.59	0.046	68.64	91.52	16		
10	Cedar Peaks	Horizontal Vinyl	Beaded 65	6.5	7.821	0.048	53.21	70.95	16		
11	CedarMAX	Horizontal Vinyl	S7 w/EPS Foam	7	8.6	0.050	77.83	103.77	16		
12	CedarMAX	Horizontal Vinyl Siding	D6 w/EPS Foam	12	13.6	0.050	67.43	89.91	16		
13	CedarMAX	Horizontal Vinyl Siding	T4 Dutchlap w/EPS Foam	12	13.6	0.046	67.43	89.91	16		
14	HeartTech	Horizontal Vinyl	D4	8	9.26	0.044	69.16	92.21	16		
15	HeartTech	Horizontal Vinyl	D5	10	11.3	0.044	69.16	92.21	16		
16	HeartTech	Horizontal Vinyl	D4 Dutchlap	8	9.3	0.044	69.16	92.21	16		
17	HeartTech	Horizontal Vinyl	D5 Dutchlap	10	11.3	0.044	69.16	92.21	16		
18	Single	Horizontal Vinyl	S8	8	9.36	0.046	48.36	64.48	16	NAIL @ 6" O.C. HORIZONTALLY WITH FULL	
19	Ultra	Horizontal Vinyl	D4	8	9.25	0.040	45.76	61.01	6		
20	Ultra	Horizontal Vinyl	D4 Dutchlap	8	9.22	0.040	45.76	61.01	6		
21	Ultra	Horizontal Vinyl	D5 Dutchlap	10	11.285	0.040	45.76	61.01	6	NAIL @ 12" O.C. HORIZONTALLY	
22	Board 'N Batten	Vertical Vinyl	S7 Board 'N	7	8.23	0.048	54.6	72.80	16		
23	Board 'N Batten	Vertical Vinyl	S8 Board 'N	8	9.23	0.050	61.19	81.59	12		
24	Board 'N Batten	Vertical Vinyl	S8 Board 'N	8	9.23	0.050	64.83	86.44	12	NAIL @ 16" O.C. HORIZONTALLY INTO 2X WOOD STUD FRAMING	
25	Willowbrook	Horizontal Vinyl	D5	10	11.364	0.042	51.7	68.93	16		
26	Willowbrook	Horizontal Vinyl	D5 Dutchlap	10	15.184	0.042	51.7	68.93	16		
27	Willowbrook	Horizontal Vinyl	D4.5	9	10.357	0.042	51.7	68.93	16		
28	Willowbrook	Horizontal Vinyl	D4.5 Dutchlap	9	10.357	0.042	51.7	68.93	16		
29	Willowbrook	Horizontal Vinyl	D4	8	9.374	0.042	51.7	68.93	16		
30	Willowbrook	Horizontal Vinyl	D4 Dutchlap	8	9.345	0.042	51.7	68.93	16		

- NOTES:
- ALLOWABLE NEGATIVE DESIGN PRESSURE BASED ON CALCULATION IN ACCORDANCE WITH ANNEX A1 OF ASTM D3679.
 - WHEN NAILED 16" O.C., FASTENERS MUST PENETRATE INTO 2X WOOD STUDS. FOR 6" O.C. SPACING, FASTENERS SHALL MAINTAIN FULL PENETRATION BEYOND SHEATHING.

PROJECT NO. 422-0608	6/23/23	RJA	DATE
	UPDATE TO 8th EDITION (2023) FBC		
	UPDATE TO CURRENT FBC		
	UPDATE TO ADD SIDING		

PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829	TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING DESIGN PRESSURE RATING & ANCHOR INSTALLATION TABLE	DATE: 11/18/15	DRAWING NO: HSL0020	SHEET: 2 OF 17

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



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Amoruso
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EXTERIOR

INTERIOR

MAXIMUM WALL EXPOSURE
(SEE TABLE ON SHEET 2)

1 THRU 21
25 THRU 30
VINYL SIDING (HORIZONTAL)
(ULTRA D4 DUTCHLAP SHOWN)

2 x 4 STUDS MINIMUM.
SEE GENERAL NOTES 3,
6 AND 7 SHEET 1.

7/16" OSB OR 15/32" PLYWOOD
SHEATHING MINIMUM

NO. 15 ASPHALT FELT OR EQUIVALENT.
SEE NOTE 8 SHEET 1.

**HORIZONTAL SIDING INSTALLATION
CROSS SECTION**

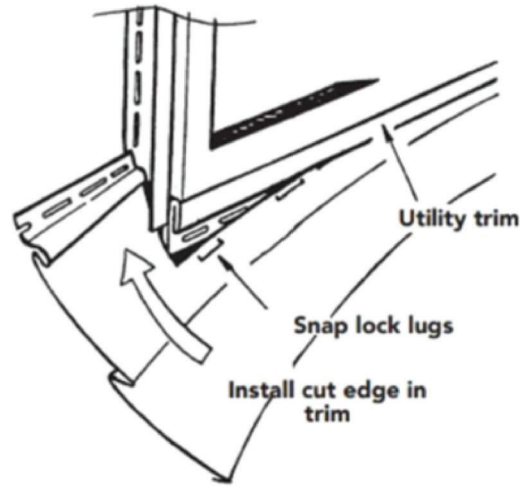
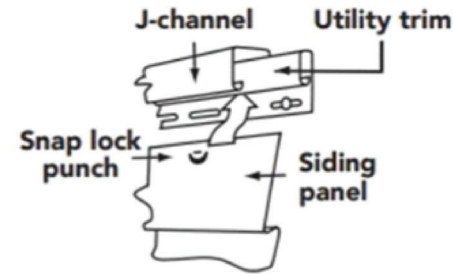
**HORIZONTAL SIDING
J-CHANNEL VERTICAL
TRIM INSTALLATION
CROSS SECTION**

EXTERIOR

1 THRU 21
25 THRU 30
VINYL SIDING (ULTRA
D4 DUTCHLAP SHOWN)

32 VINYL J CHANNEL
(VERTICAL)

INTERIOR



**UTILITY (UNDERSILL) TRIM INSTALLATION
(ILLUSTRATION FROM SECTION R703.11.1.5, 2023 FLORIDA
RESIDENTIAL CODE)**

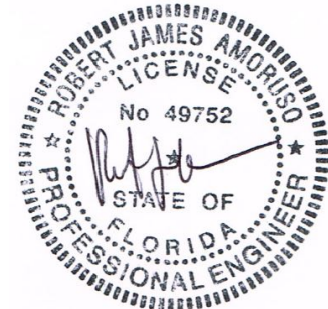
UTILITY (UNDERSILL) TRIM (ITEM NO. 35) SHALL BE
ATTACHED PER TABLE ON SHEET 2. FOR ADDITIONAL
DETAILS, SEE VINYL SIDING INSTITUTE INSTALLATION
MANUAL, 2022 OR LATER EDITIONS.

33 INSTALLATION ANCHOR FOR BOM ITEM
NO. 1 THRU 21: 0.125" DIA. SMOOTH
SHANK x 1-1/2" LONG WITH 0.375"
DIA. HEAD ROOFING NAIL
(SEE TABLE ON SHEET 2 FOR REQ'D
SPACING)

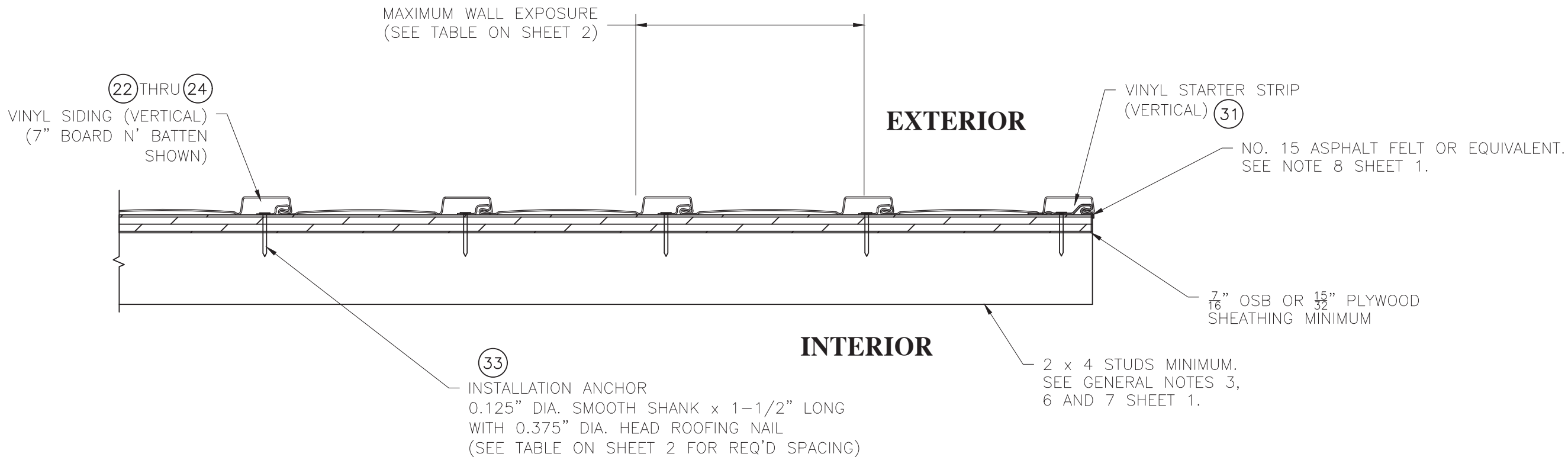
34 INSTALLATION ANCHOR FOR BOM ITEM
NO. 25 THRU 30: 0.125" DIA. SMOOTH
SHANK x 1-1/2" LONG WITH 0.4375"
DIA. HEAD ROOFING NAIL
(SEE TABLE ON SHEET 2 FOR REQ'D
SPACING)

PROJECT NO. 422-0608		RJA		BY	
UPDATE TO 8th EDITION (2023) FBC		6/23/23		DATE	
UPDATE TO CURRENT FBC		4/7/21		DESCRIPTION	
UPDATE TO ADD SIDING		9/27/18		REV	
C		B		A	
HEARTLAND SIDING - VINYL (PVC) SIDING HORIZONTAL SIDING - INSTALLATION DETAILS		DATE: 11/18/15		DRAWING NO: HSL0020	
DRAWN BY: RJA		SCALE: n/a		SHEET: 3 OF 17	
PREPARED BY:		REV: C		REV	
PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829		PTC PRODUCT DESIGN GROUP, LLC P.O. Box 52075 Longwood, FL 32752-0775 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com		FBPE Cert. of Auth. No. 25935	

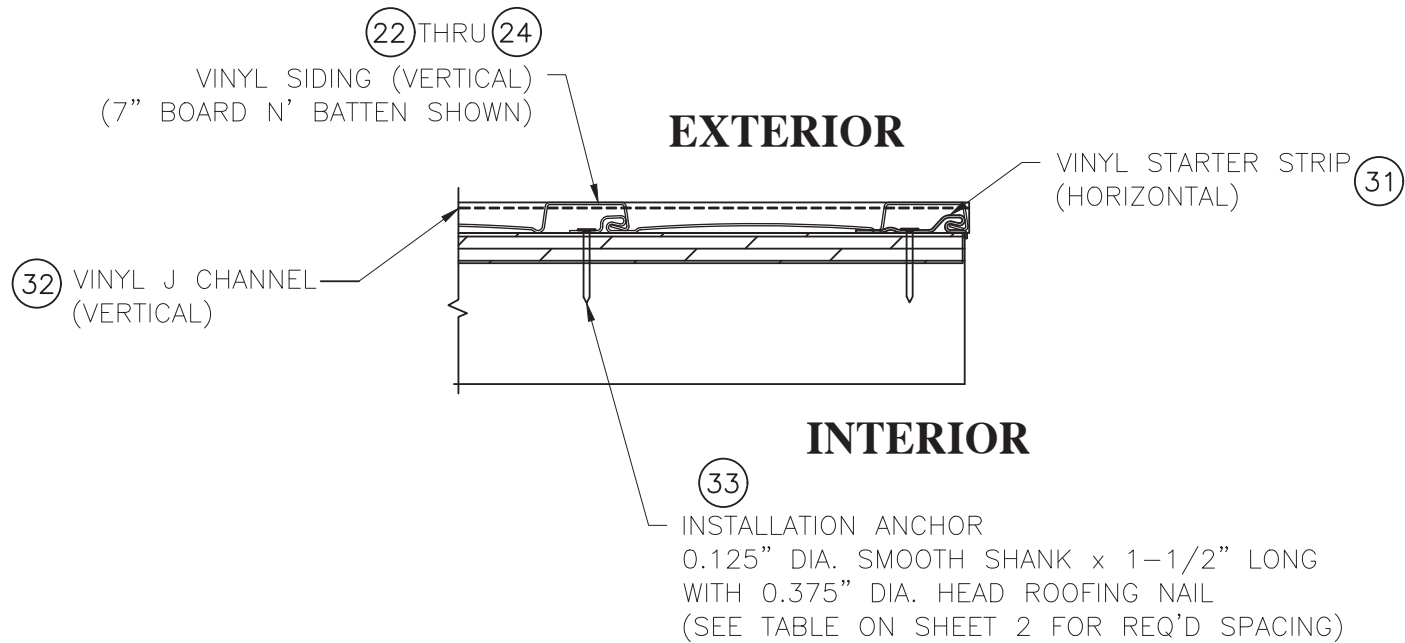
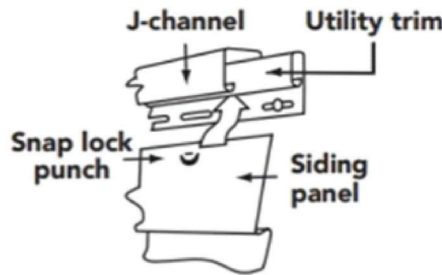
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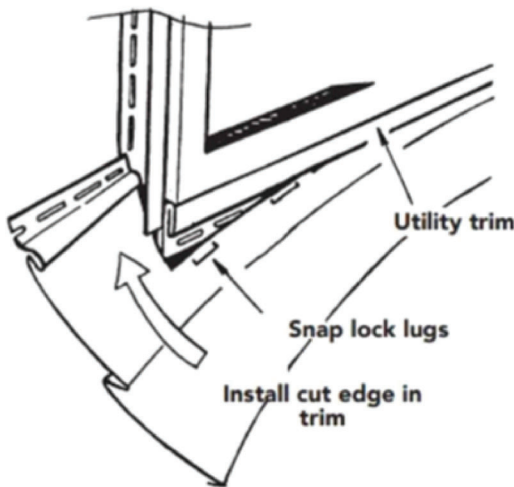
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**VERTICAL SIDING INSTALLATION
CROSS SECTION**



**VERTICAL SIDING J-CHANNEL HORIZONTAL
TRIM INSTALLATION
CROSS SECTION**



**UTILITY (UNDERSILL) TRIM INSTALLATION
(ILLUSTRATION FROM SECTION R703.11.1.5, 2023 FLORIDA
RESIDENTIAL CODE)**

UTILITY (UNDERSILL) TRIM (ITEM NO. 35) SHALL BE
ATTACHED PER TABLE ON SHEET 2. FOR ADDITIONAL
DETAILS, SEE VINYL SIDING INSTITUTE INSTALLATION
MANUAL, 2022 OR LATER EDITIONS.

PROJECT NO. 422-0608

UPDATE TO 8th EDITION (2023) FBC	RJA	6/23/23	RJA
UPDATE TO CURRENT FBC	B	4/7/21	RJA
UPDATE TO ADD SIDING	A	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

PROVIA LLC

301 INDUSTRIAL PARK RD.
BOONEVILLE, MS 38829

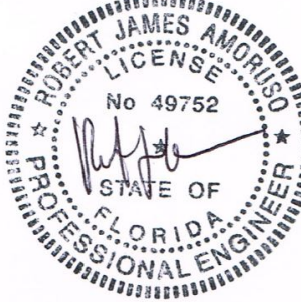
HEARTLAND SIDING - VINYL (PVC) SIDING
VERTICAL SIDING - INSTALLATION DETAILS

DRAWN BY:	RJA	DATE:	11/18/15
SCALE:	n/a	DRAWING NO:	HSL0020
REV:	C	SHEET:	4 OF 17



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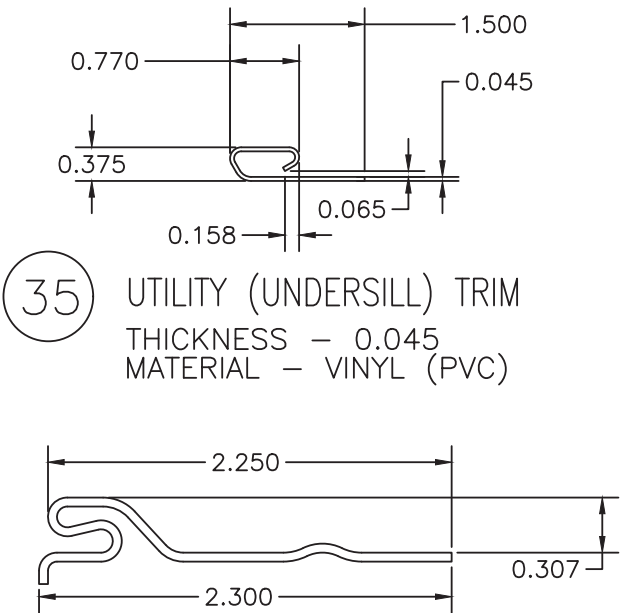
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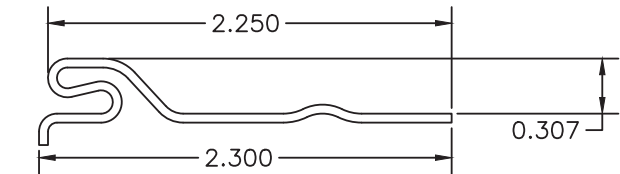
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BILL OF MATERIALS						
INSTALLATION ORIENTATION	DESCRIPTION	ITEM NO.	TYPE	Wall Exposure (in) (Nominal)	Mat'l	Manufacturer
Horizontal	Arbor Glen	1	D45	9	PVC	ProVia
		2	D45 Dutchlap	9	PVC	ProVia
	Autumnwood	3	D4	8	PVC	ProVia
		4	D5	10	PVC	ProVia
		5	D4 Dutchlap	8	PVC	ProVia
		6	D5 Dutchlap	10	PVC	ProVia
		7	T3	9	PVC	ProVia
	Cedar Peaks	8	D45	9	PVC	ProVia
		9	D45 Dutchlap	9	PVC	ProVia
		10	Beaded 65	6.5	PVC	ProVia
	CedarMAX	11	S7 w/EPS Foam	7	PVC	ProVia
		12	D6 w/EPS Foam	12	PVC	ProVia
		13	T4 Dutchlap w/EPS Foam	12	PVC	ProVia
	HeartTech	14	D4	8	PVC	ProVia
		15	D5	10	PVC	ProVia
		16	D4 Dutchlap	8	PVC	ProVia
		17	D5 Dutchlap	10	PVC	ProVia
	Single 8	18	S8	8	PVC	ProVia
	Ultra	19	D4	8	PVC	ProVia
		20	D4 Dutchlap	8	PVC	ProVia
		21	D5 Dutchlap	10	PVC	ProVia
Vertical	Board 'N Batten	22	S7 Board 'N Batten	7	PVC	ProVia
		23	S8 Board 'N Batten	8	PVC	ProVia
		24	S8 Board 'N Batten w/EPS Foam	8	PVC	ProVia
Horizontal	Willowbrook	25	D5	10	PVC	ProVia
		26	D5 Dutchlap	10	PVC	ProVia
		27	D4.5	9	PVC	ProVia
		28	D4.5 Dutchlap	9	PVC	ProVia
		29	D4	8	PVC	ProVia
		30	D4 Dutchlap	8	PVC	ProVia
Horizontal or Vertical	Starter Strip	31	n/a	n/a	PVC	ProVia
Horizontal or Vertical	J-Channel	32	n/a	n/a	PVC	ProVia
Horizontal or Vertical	Utility (Undersill) Trim	35	n/a	n/a	PVC	ProVia
n/a	Installation Anchor	33	0.125" DIA. SMOOTH SHANK x 1-1/2" LONG WITH 0.375" DIA. HEAD ROOFING NAIL	n/a	Note 1	n/a
n/a	Installation Anchor	34	0.125" DIA. SMOOTH SHANK x 1-1/2" LONG WITH 0.4375" DIA. HEAD ROOFING NAIL	n/a	Note 1	n/a
Notes						
1) ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.						

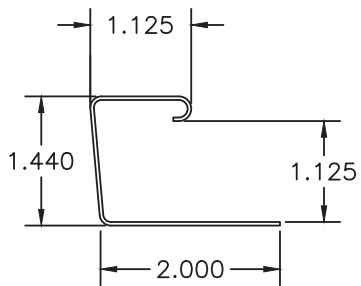
STARTER STRIP AND J-CHANNEL PROFILES



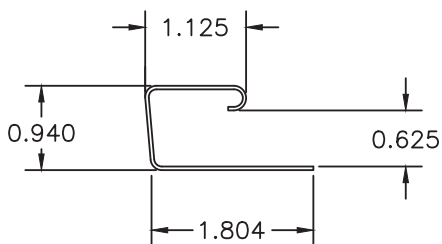
35 UTILITY (UNDERSILL) TRIM
THICKNESS – 0.045
MATERIAL – VINYL (PVC)



31 STARTER STRIP
THICKNESS – 0.050
MATERIAL – VINYL (PVC)



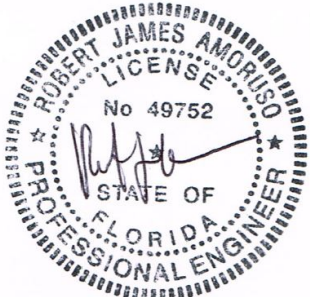
32 1 1/8" RECEIVER X 1 1/8" FACE J-CHANNEL
THICKNESS – 0.0400
MATERIAL – VINYL (PVC)



32 5/8" RECEIVER X 1 1/8" FACE J-CHANNEL
THICKNESS – 0.0400
MATERIAL – VINYL (PVC)

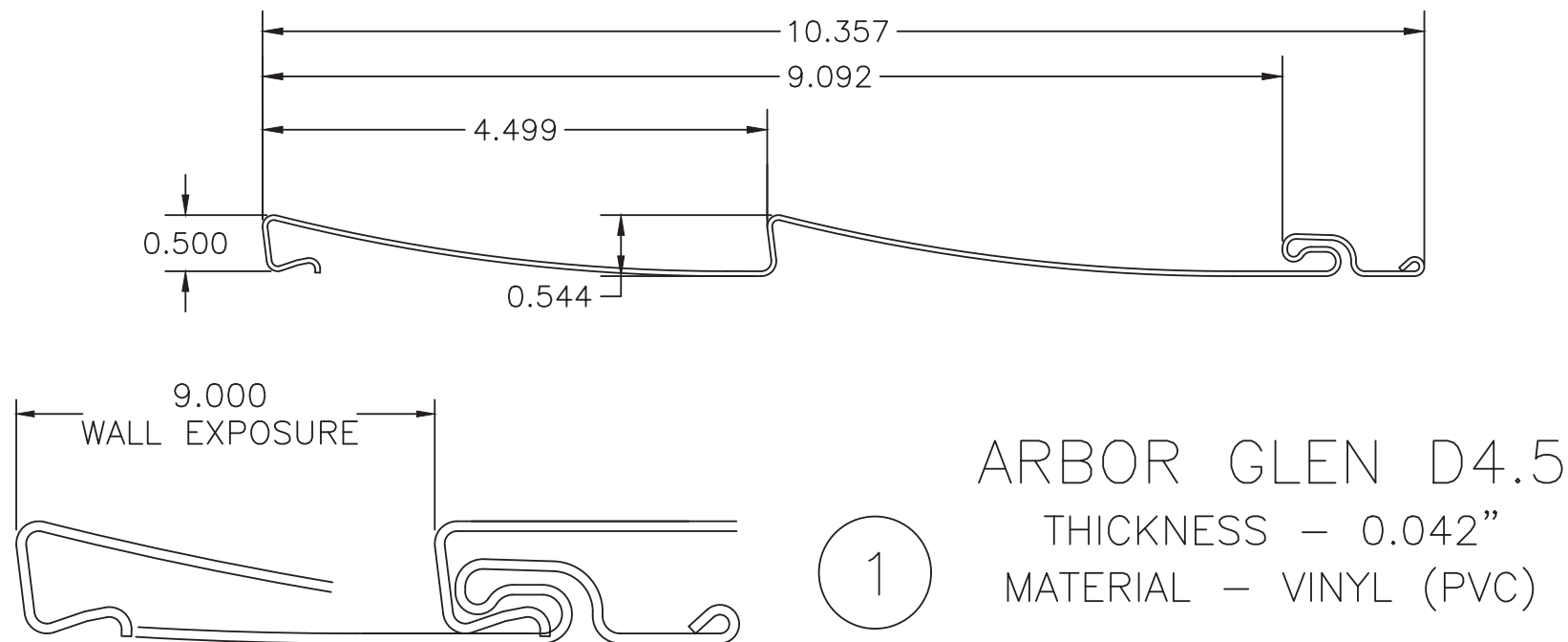
PROJECT NO. 422-0608		RJA	BY
UPDATE TO 8th EDITION (2023) FBC		6/23/23	DATE
UPDATE TO CURRENT FBC		4/7/21	DESCRIPTION
UPDATE TO ADD SIDING		9/27/18	REV
PROVIA LLC		11/18/15	5 OF 17
301 INDUSTRIAL PARK RD.		RJA	C
BOONEVILLE, MS 38829		n/a	
TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING		DATE: 11/18/15	DRAWING NO: HSL0020
BOM – STARTER STRIP AND J-CHANNEL PROFILES		SCALE: n/a	SHEET: 5 OF 17
PREPARED BY:		REV: C	
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Longwood, FL 32752-0775		Email: info@ptc-corp.com	
FBPE Cert. of Auth. No. 25935			

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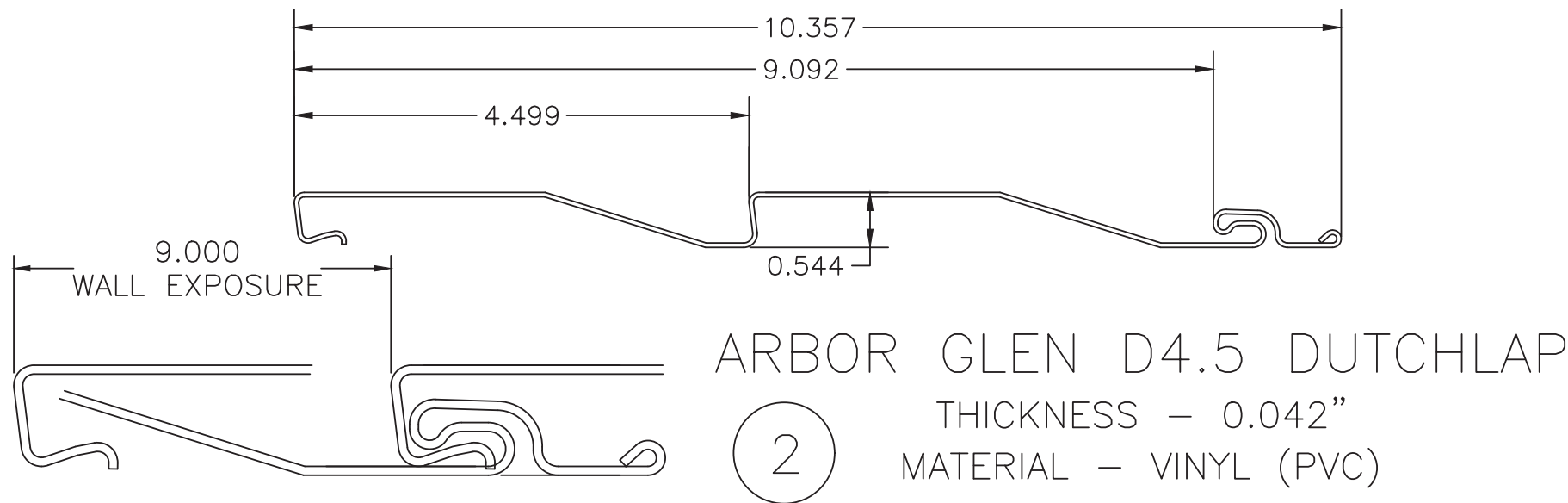


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Amoruso
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ARBOR GLEN SIDING PROFILES



LOCKING DETAIL



NOTES:

1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
2. SEE SHEET 3 FOR INSTALLATION ANCHOR REQUIREMENTS.
3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608

REV	DESCRIPTION	DATE	BY
C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA

PROVIA LLC

301 INDUSTRIAL PARK RD.

BOONEVILLE, MS 38829

HEARTLAND SIDING - VINYL (PVC) SIDING

ARBOR GLEN SIDING PROFILES

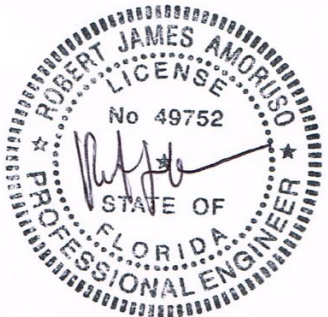
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC
P.O. Box 520775
Longwood, FL 32752-0775
FBPE Cert. of Auth. No. 25935

DATE: 11/18/15
DRAWING NO: HSL0020
SHEET: 6 OF 17

DRAWN BY: RJA
SCALE: n/a
REV: C

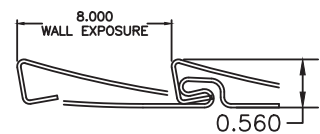
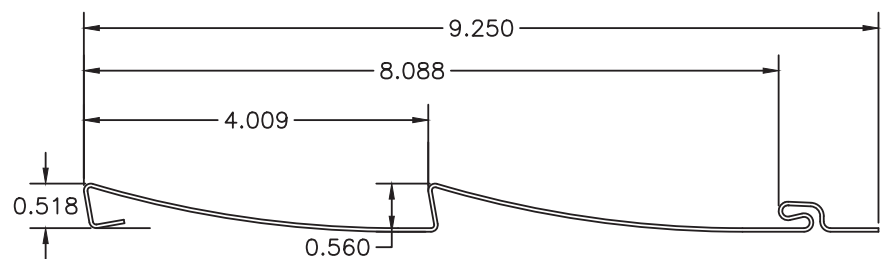
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed
by Robert J
Amoruso
Date: 2023.12.01
10:23:53 -05'00'

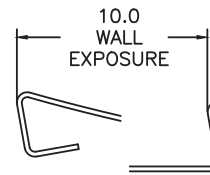
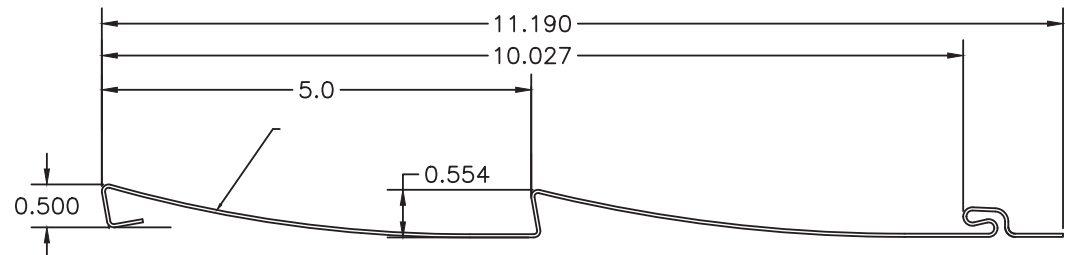
AUTUMNWOOD SIDING PROFILES



LOCKING DETAIL

AUTUMNWOOD D4
THICKNESS - 0.042"
MATERIAL - VINYL (PVC)

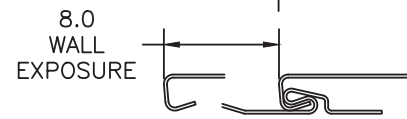
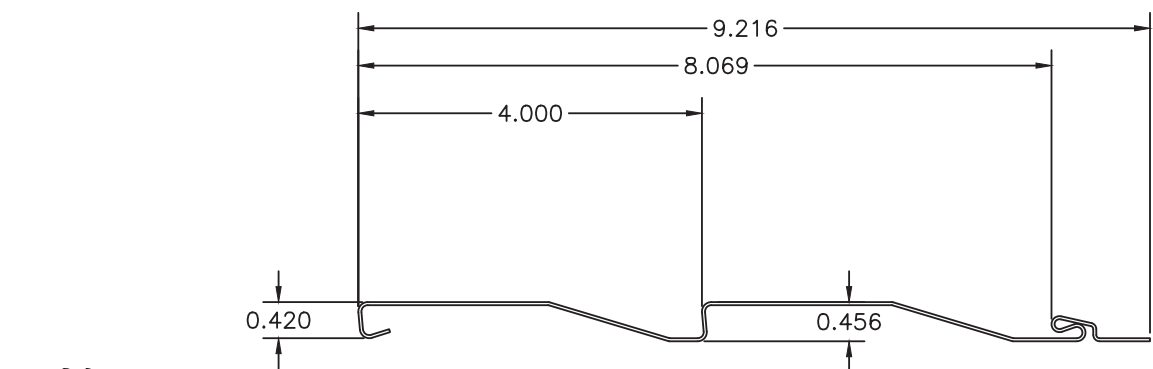
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LOCKING DETAIL

AUTUMNWOOD D5
THICKNESS - 0.042"
MATERIAL - VINYL (PVC)

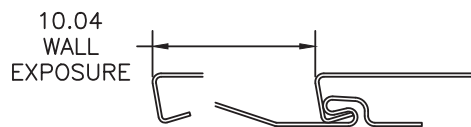
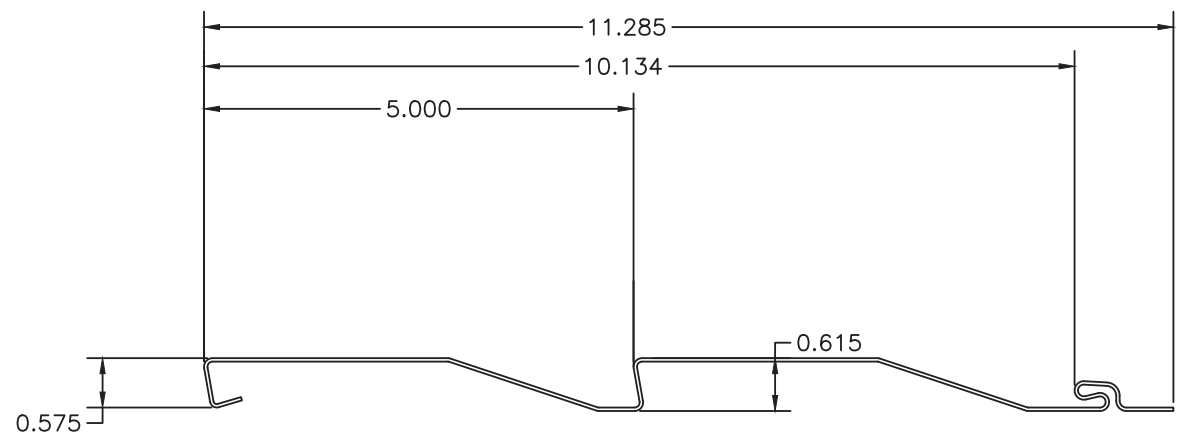
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LOCKING DETAIL

AUTUMNWOOD D4 DUTCHLAP
THICKNESS - 0.042"
MATERIAL - VINYL (PVC)

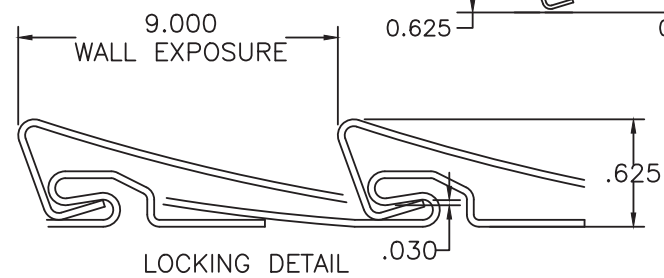
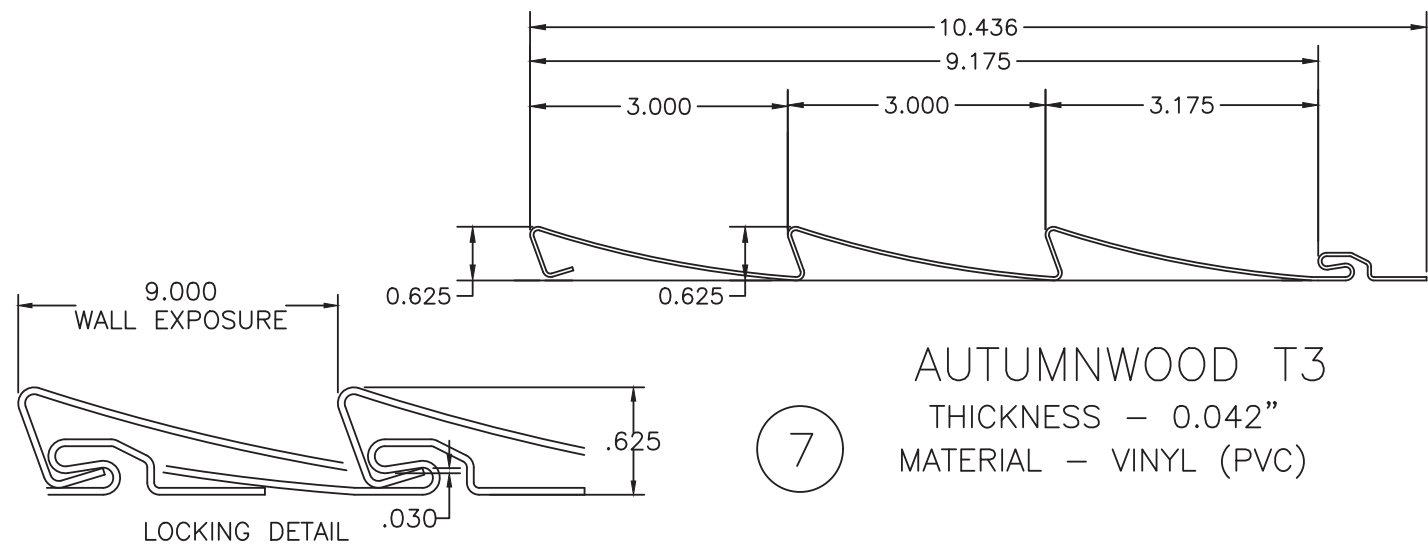
5



LOCKING DETAIL

AUTUMNWOOD D5 DUTCHLAP
THICKNESS - 0.042"
MATERIAL - VINYL (PVC)

6



LOCKING DETAIL

AUTUMNWOOD T3
THICKNESS - 0.042"
MATERIAL - VINYL (PVC)

7

NOTES:

1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
2. SEE SHEET 3 FOR INSTALLATION ANCHOR REQUIREMENTS.
3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608

REV	DESCRIPTION	DATE	BY
C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA

PROVIA LLC

301 INDUSTRIAL PARK RD.

BOONEVILLE, MS 38829

HEARTLAND SIDING - VINYL (PVC) SIDING

AUTUMNWOOD SIDING PROFILES

DRAWN BY: RJA

SCALE: n/a

REV: C

DATE: 11/18/15

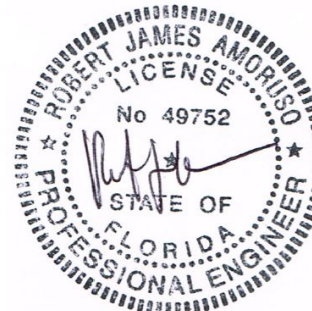
DRAWING NO: HSL0020

SHEET: 7 OF 17



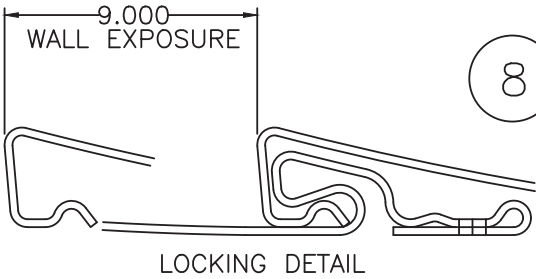
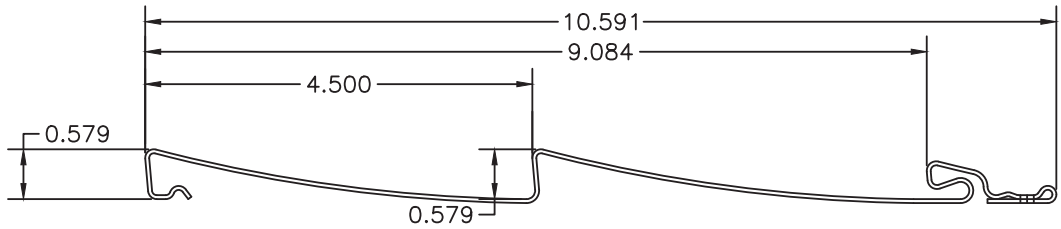
PTC PRODUCT DESIGN GROUP, LLC
P.O. Box 520715
Longwood, FL 32752-0715
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com
FBPE Cert. of Auth. No. 25935

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

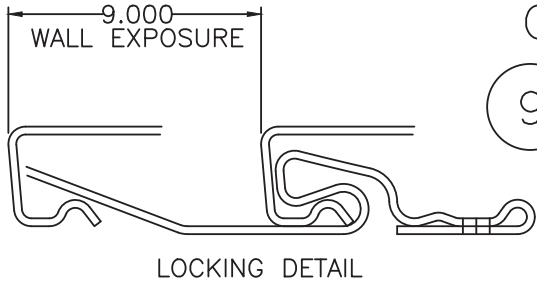
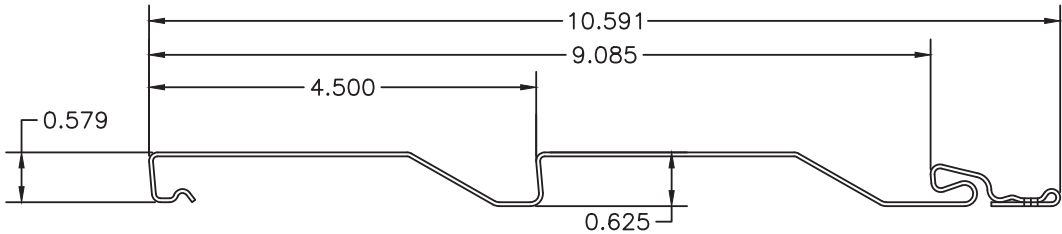


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by Robert J
Amoruso
Date: 2023.12.01
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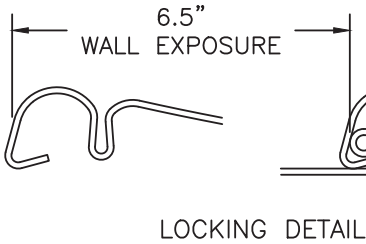
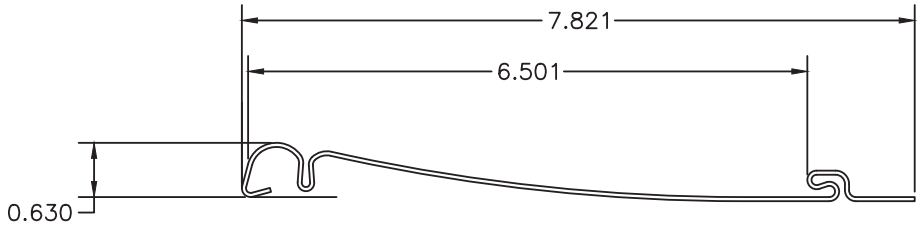
CEDAR PEAKS SIDING PROFILES



8 CEDAR PEAKS D45
THICKNESS – 0.046”
MATERIAL – VINYL (PVC)



9 CEDAR PEAKS D45 DUTCHLAP
THICKNESS – 0.046”
MATERIAL – VINYL (PVC)



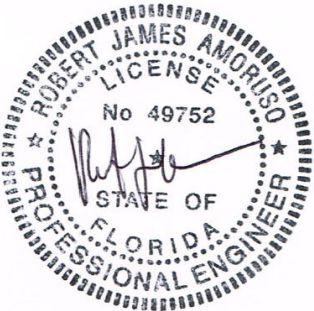
10 CEDAR PEAKS BEADED 65
THICKNESS – 0.048”
MATERIAL – VINYL (PVC)

- NOTES:
1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
 2. SEE SHEET 3 FOR INSTALLATION ANCHOR REQUIREMENTS.
 3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608			
C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

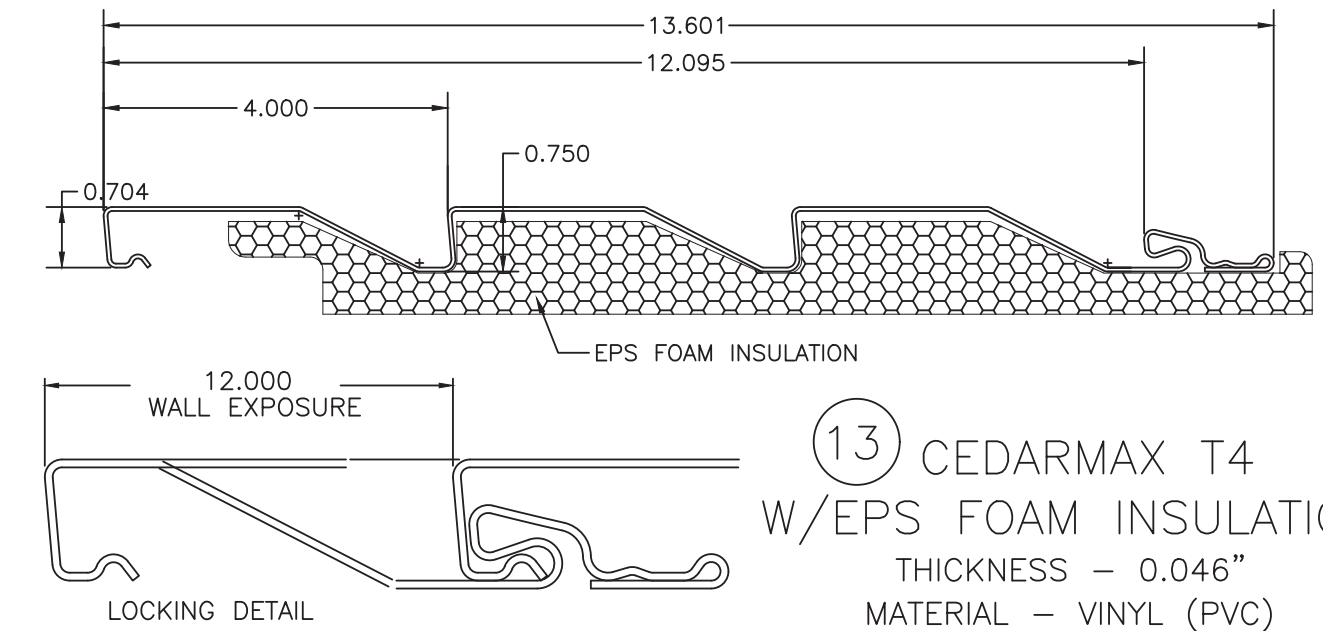
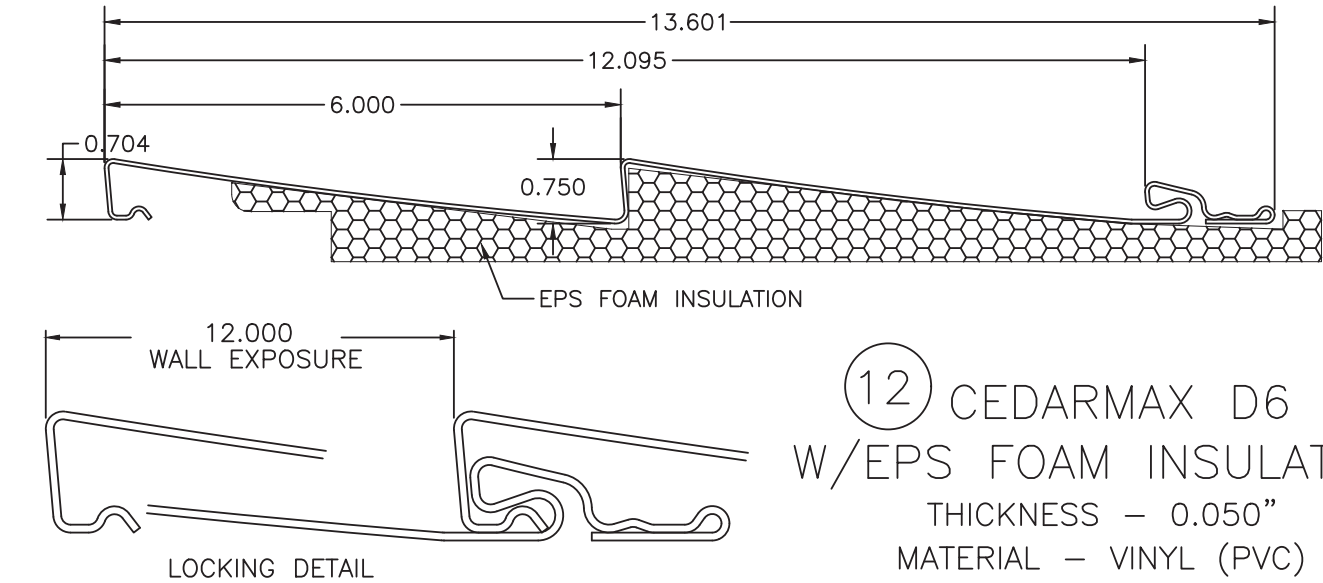
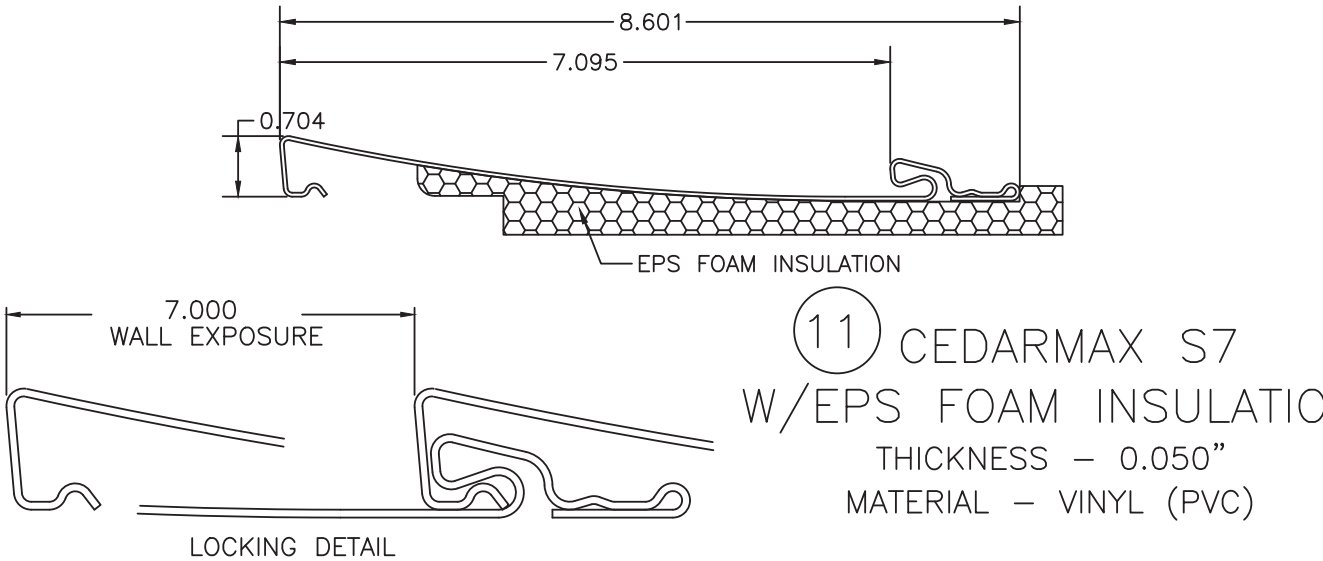
PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829		DRAWN BY: RJA	
TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING CEDAR PEAKS SIDING PROFILES		DATE: 11/18/15	
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32752-0775 FBPE Cert. of Auth. No. 25935		SCALE: n/a	
DATE: 11/18/15		DRAWING NO: HSL0020	
REV: C		SHEET: 8 OF 17	

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by Robert J
Amoruso
Date: 2023.12.01
10:24:17 -05'00'

CEDARMAX SIDING PROFILES



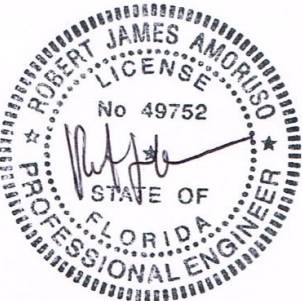
- NOTES:
1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
 2. SEE SHEET 3 FOR INSTALLATION ANCHOR REQUIREMENTS.
 3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608			
C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829			
TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING CEDARMAX SIDING PROFILES			
PREPARED BY:	DRAWN BY: RJA	DATE: 11/18/15	
	SCALE: n/a	DRAWING NO: HSL0020	
	REV: C	SHEET: 9 OF 17	

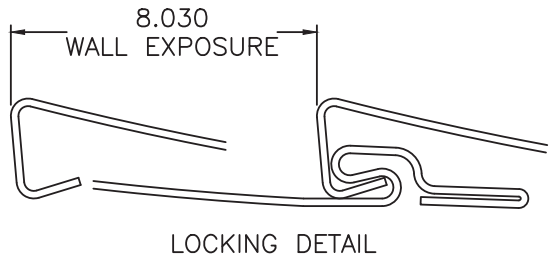
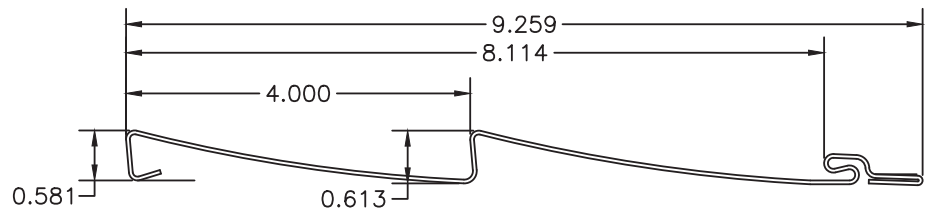
PTC PRODUCT DESIGN GROUP, LLC
P.O. Box 52075
Longwood, FL 32752-0775
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com
FBPE Cert. of Auth. No. 25935

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



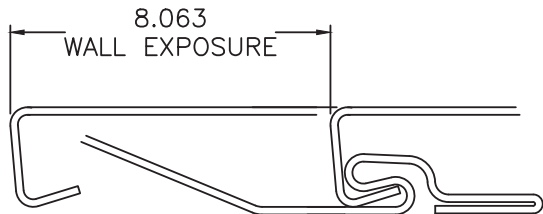
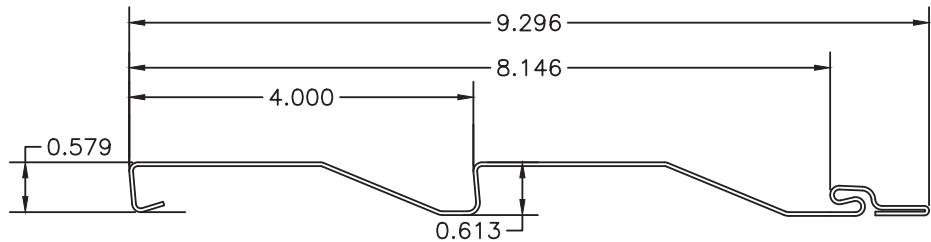
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by Robert J
Amoruso
Date: 2023.12.01
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HEARTTECH SIDING PROFILES



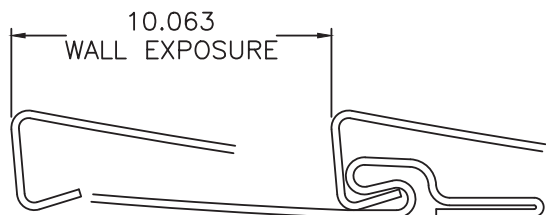
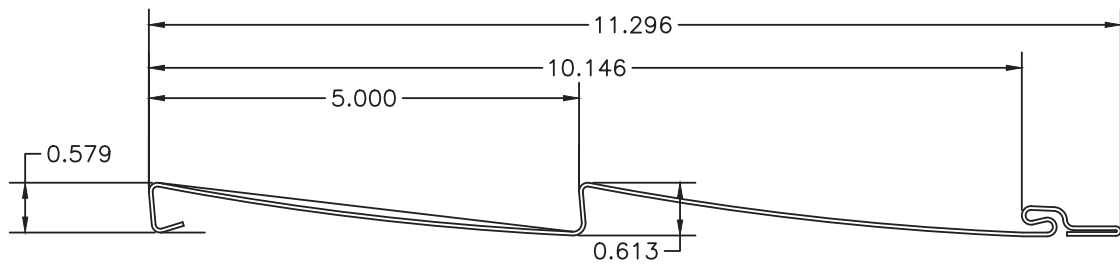
14

HEARTTECH D4
THICKNESS – 0.044”
MATERIAL – VINYL (PVC)



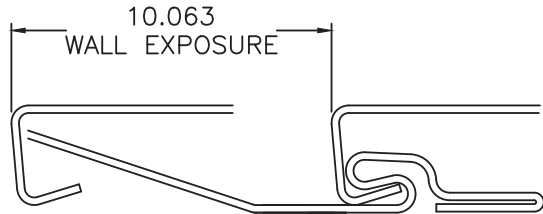
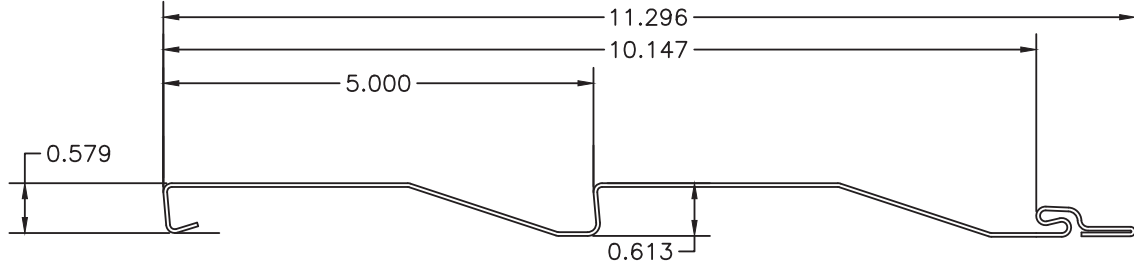
16

HEARTTECH D4 DUTCHLAP
THICKNESS – 0.044”
MATERIAL – VINYL (PVC)



15

HEARTTECH D5
THICKNESS – 0.044”
MATERIAL – VINYL (PVC)



17

HEARTTECH D5 DUTCHLAP
THICKNESS – 0.044”
MATERIAL – VINYL (PVC)

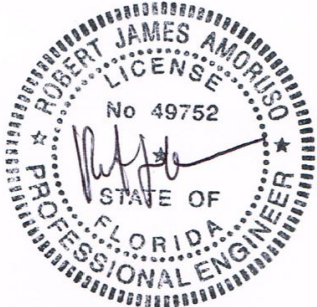
NOTES:

- SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
- SEE SHEET 3 FOR INSTALLATION ANCHOR REQUIREMENTS.
- SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608		RJA	BY
UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA	DATE
UPDATE TO CURRENT FBC	4/7/21	RJA	
UPDATE TO ADD SIDING	9/27/18	RJA	
REV	DESCRIPTION	A	
B		B	
C		C	

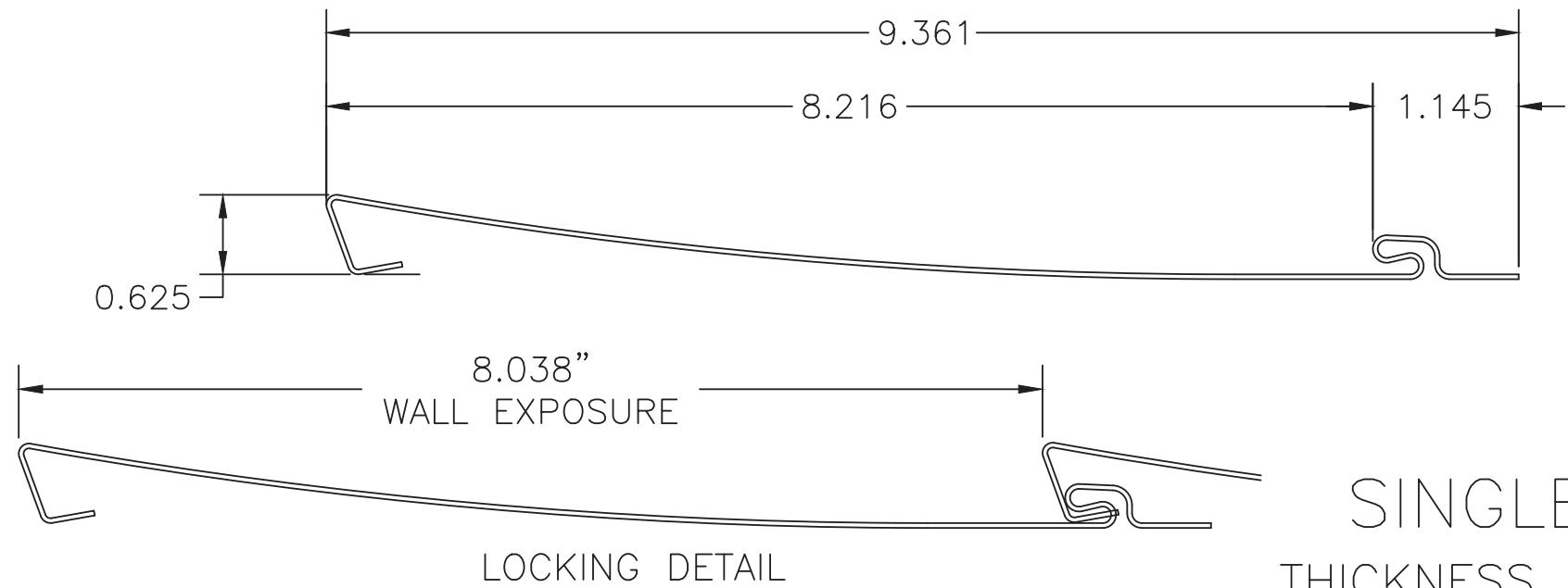
PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829		DATE:	11/18/15
HEARTTECH SIDING - VINYL (PVC) SIDING		DRAWING NO:	HSL0020
HEARTTECH SIDING PROFILES		SCALE:	n/a
PREPARED BY:		REV:	C
PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32752-0775 FBPE Cert. of Auth. No. 25935		SHEET: 10 OF 17	

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



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by Robert J
Amoruso
Date: 2023.12.01
10:24:47 -05'00'

SINGLE 8 SIDING PROFILE



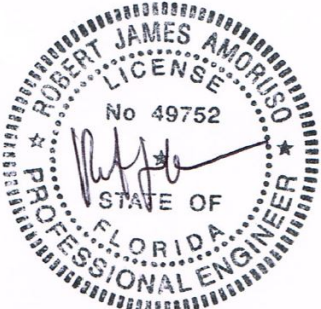
SINGLE S8
THICKNESS – 0.046"
MATERIAL – VINYL (PVC)

18

NOTES:

- 1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
- 2. SEE SHEET 3 FOR INSTALLATION ANCHOR REQUIREMENTS.
- 3. SEE SHEET 5 FOR BILL OF MATERIALS.

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed
by Robert J
Amoruso
Date: 2023.12.01
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PROJECT NO. 422-0608			
C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

PROVIA LLC
301 INDUSTRIAL PARK RD.
BOONEVILLE, MS 38829

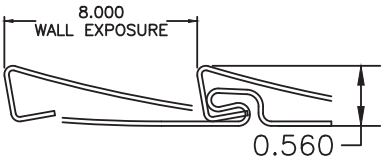
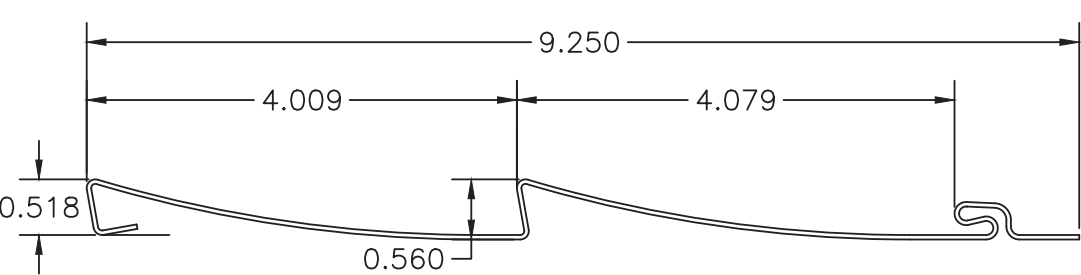
HEARTLAND SIDING - VINYL (PVC) SIDING
SINGLE 8 SIDING PROFILE

PREPARED BY:
DATE: 11/18/15
DRAWING NO: HSL0020
SHEET: 11 OF 17

DRAWN BY: RJA
SCALE: n/a
REV: C

PTC PRODUCT DESIGN GROUP, LLC
P.O. Box 520775
Longwood, FL 32752-0775
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptgpc-corp.com

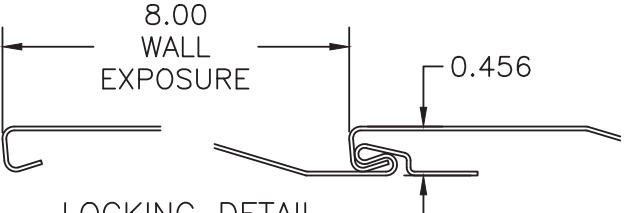
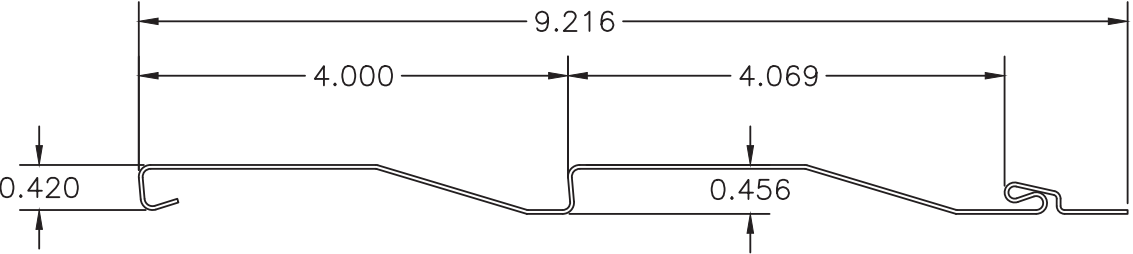
ULTRA SIDING PROFILES



LOCKING DETAIL

19

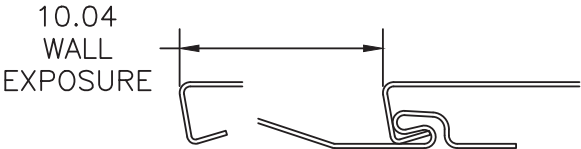
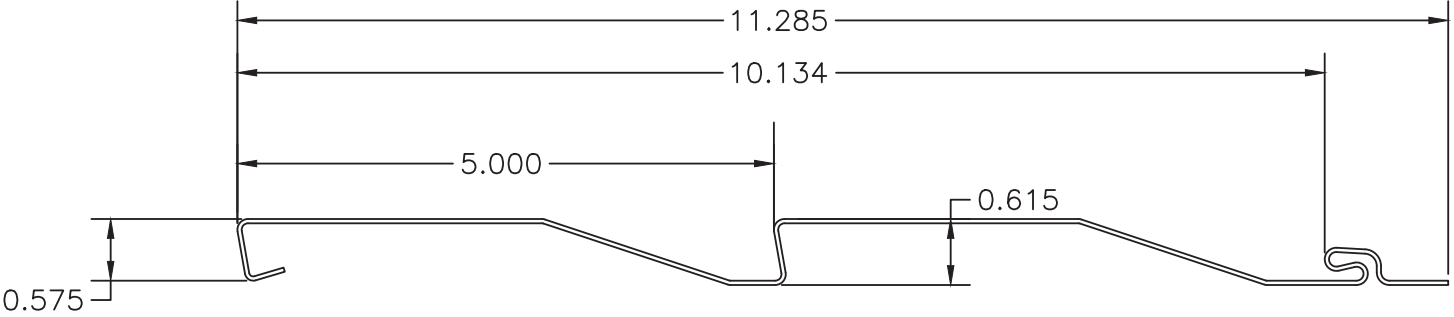
ULTRA D4
THICKNESS – 0.040”
MATERIAL – VINYL (PVC)



LOCKING DETAIL

20

ULTRA D4 DUTCHLAP
THICKNESS – 0.040”
MATERIAL – VINYL (PVC)



LOCKING DETAIL

21

ULTRA D5 DUTCHLAP
THICKNESS – 0.040”
MATERIAL – VINYL (PVC)

NOTES:

- 1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
- 2. SEE SHEET 3 FOR INSTALLATION ANCHOR REQUIREMENTS.
- 3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608

C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

PROVIA LLC

301 INDUSTRIAL PARK RD.
BOONEVILLE, MS 38829

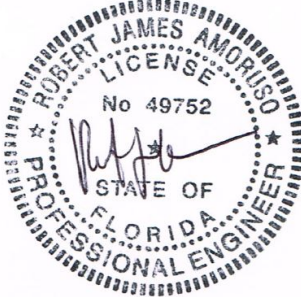
HEARTLAND SIDING - VINYL (PVC) SIDING
ULTRA SIDING PROFILES

DATE:	11/18/15
DRAWING NO:	HSL0020
SHEET:	12 OF 17
PREPARED BY:	RJA
SCALE:	n/a
REV:	C



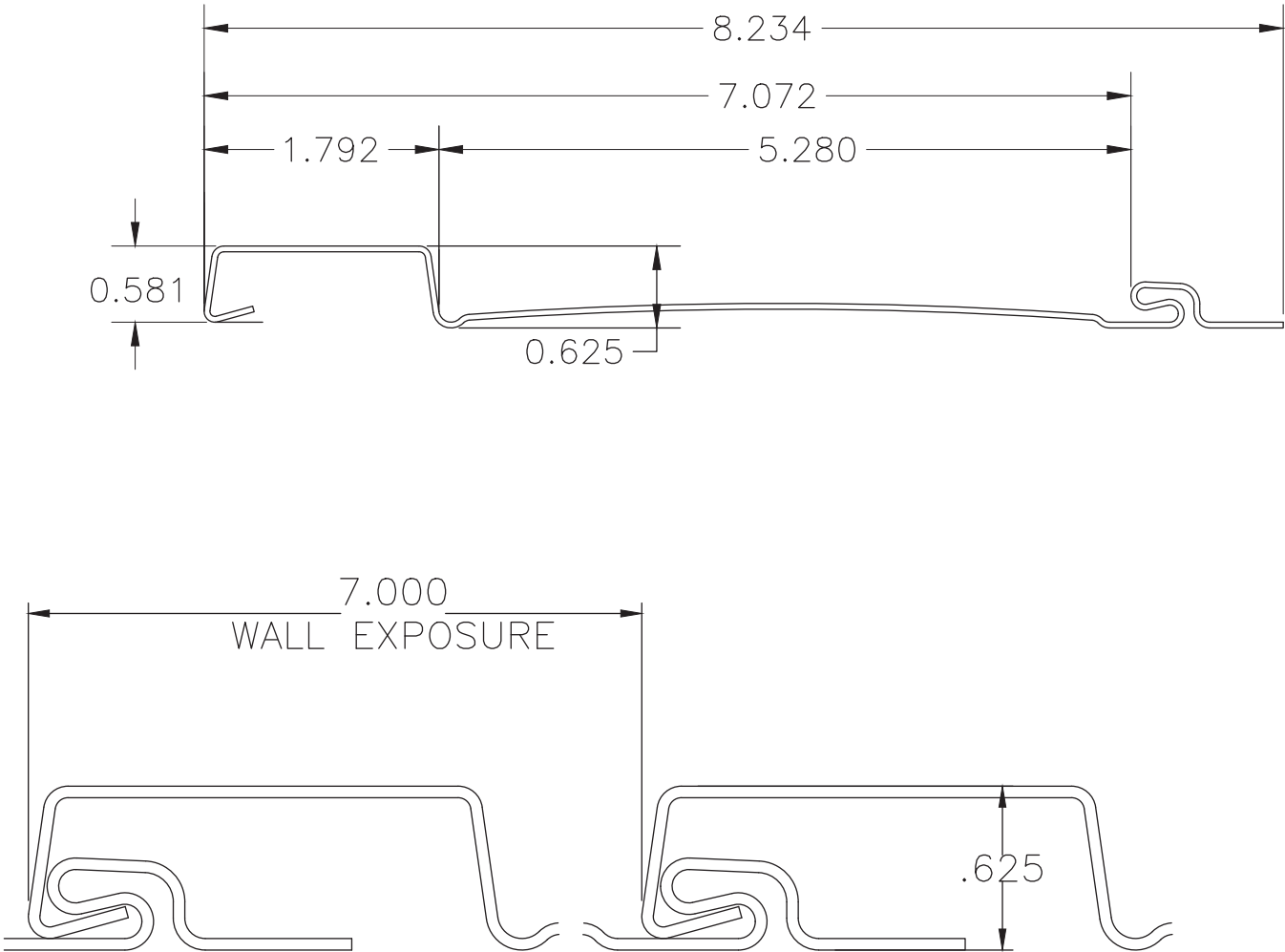
PTC PRODUCT DESIGN GROUP, LLC
P.O. Box 520775
Longwood, FL 32752-0775
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com
FBPE Cert. of Auth. No. 25935

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed by
Robert J Amoruso
Date: 2023.12.01
10:25:12 -05'00'

S7 BOARD 'N BATTEN SIDING PROFILES



22 S7 BOARD 'N BATTEN
THICKNESS – 0.048”
MATERIAL – VINYL (PVC)

NOTES:

- 1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
- 2. SEE SHEET 4 FOR INSTALLATION ANCHOR REQUIREMENTS.
- 3. SEE SHEET 5 FOR BILL OF MATERIALS.

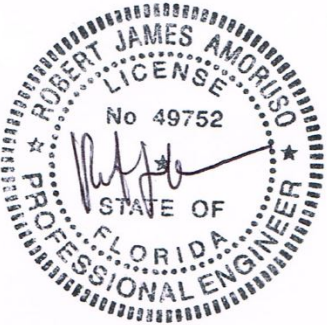
PROJECT NO. 422-0608			
C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829		DRAWN BY: RJA	
TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING S7 BOARD 'N BATTEN SIDING PROFILES		SCALE: n/a	
DATE: 11/18/15		SHEET: 13 OF 17	
DATE: 11/18/15		REV: C	

PREPARED BY:	DATE:	DRAWING NO:	SHEET:
PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32752-0775 FBPE Cert. of Auth. No. 25935	11/18/15	HSL0020	13 OF 17

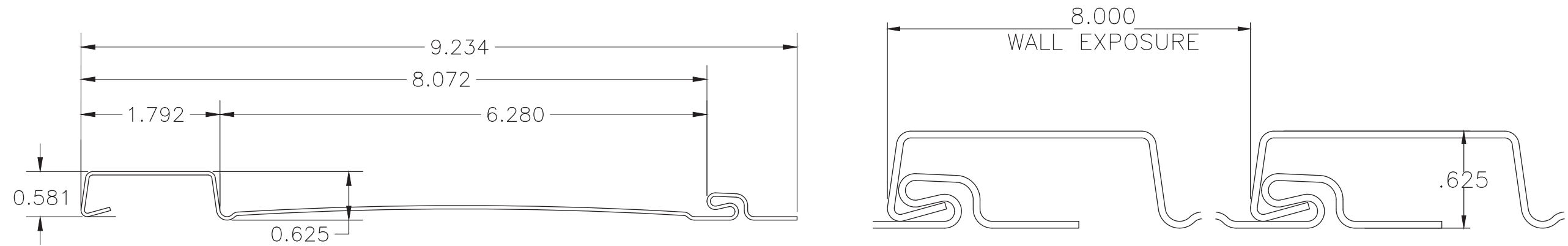
PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829	Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com
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Robert J. Amoruso, P.E.
Florida P.E. No. 49752

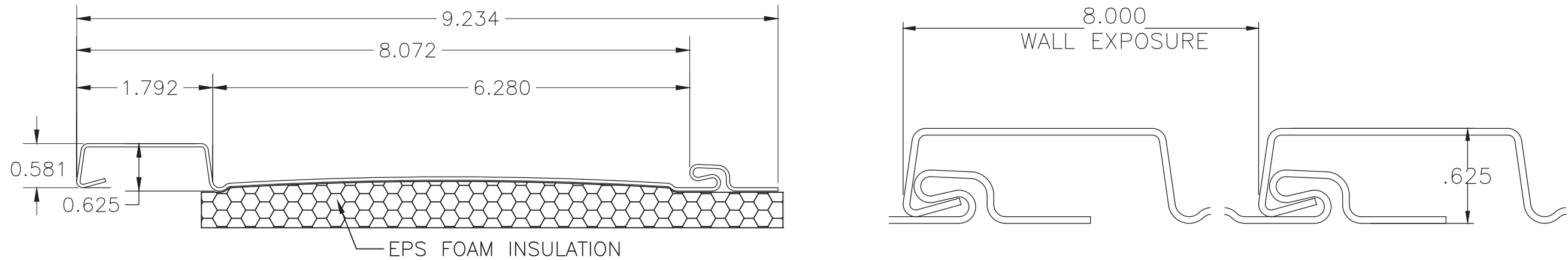


Digitally signed
by Robert J
Amoruso
Date: 2023.12.01
10:25:24 -05'00'

S8 BOARD 'N BATTEN SIDING PROFILES



23 S8 BOARD 'N BATTEN
THICKNESS – 0.050”
MATERIAL – VINYL (PVC)



24 S8 BOARD 'N BATTEN
W/EPS FOAM INSULATION
THICKNESS – 0.050”
MATERIAL – VINYL (PVC)

NOTES:

1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
2. SEE SHEET 4 FOR INSTALLATION ANCHOR REQUIREMENTS.
3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608

C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

PROVIA LLC

301 INDUSTRIAL PARK RD.

BOONEVILLE, MS 38829

TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING

S8 BOARD 'N BATTEN SIDING PROFILES

PREPARED BY:

DATE: 11/18/15

DRAWING NO: HSL0020

SHEET: 14 OF 17

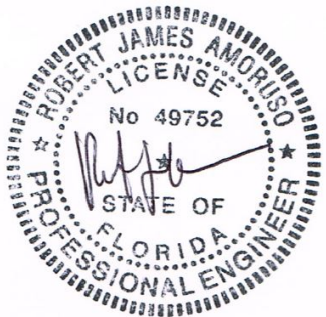
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SCALE: n/a

REV: C

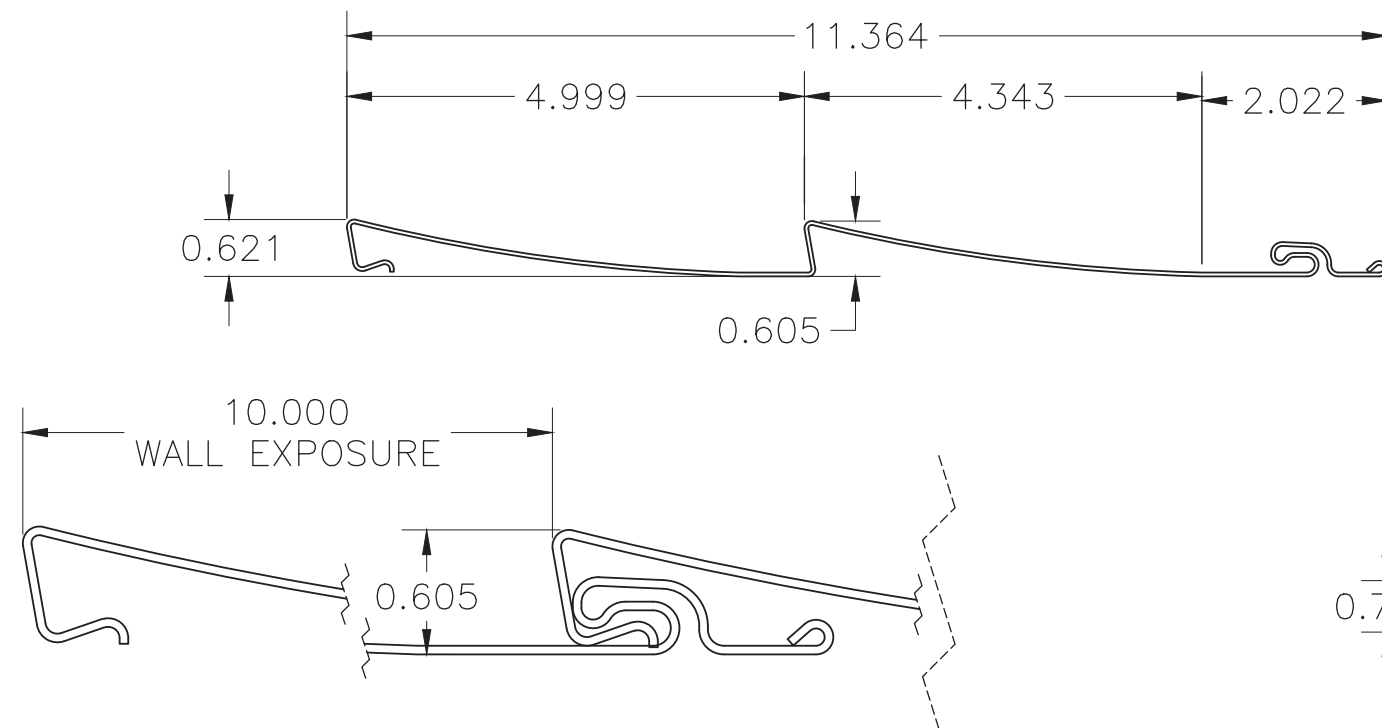
PTC PRODUCT DESIGN GROUP, LLC
P.O. Box 520775
Longwood, FL 32752-0775
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

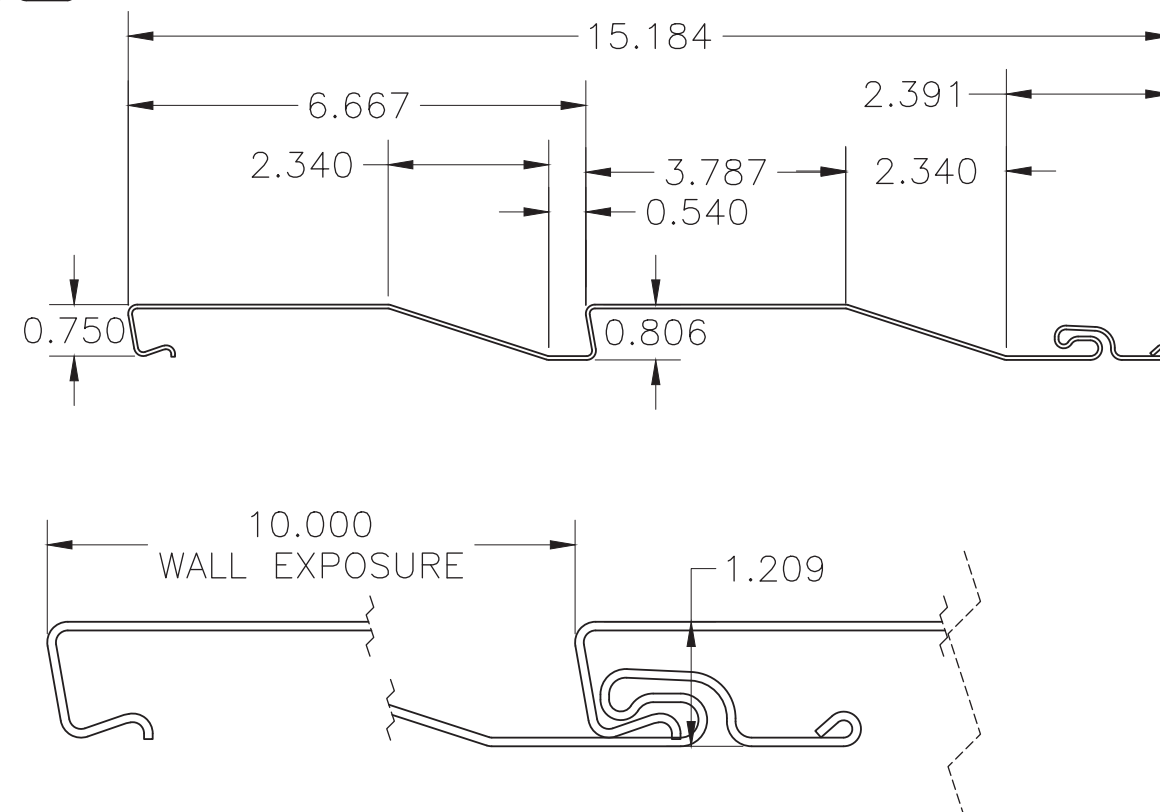


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by Robert J
Amoruso
Date: 2023.12.01
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WILLOWBROOK D5 & D5 DUTCHLAP SIDING PROFILES



25 WILLOWBROOK D5
THICKNESS – 0.042”
MATERIAL – VINYL (PVC)



26 WILLOWBROOK D5 DUTCHLAP
THICKNESS – 0.042”
MATERIAL – VINYL (PVC)

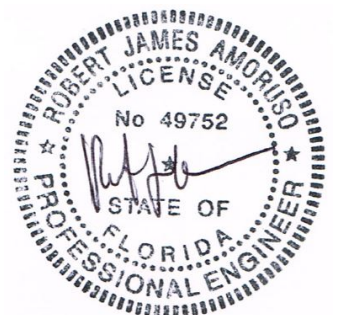
NOTES:

1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
2. SEE SHEET 4 FOR INSTALLATION ANCHOR REQUIREMENTS.
3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608			
C	UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA
B	UPDATE TO CURRENT FBC	4/7/21	RJA
A	UPDATE TO ADD SIDING	9/27/18	RJA
REV	DESCRIPTION	DATE	BY

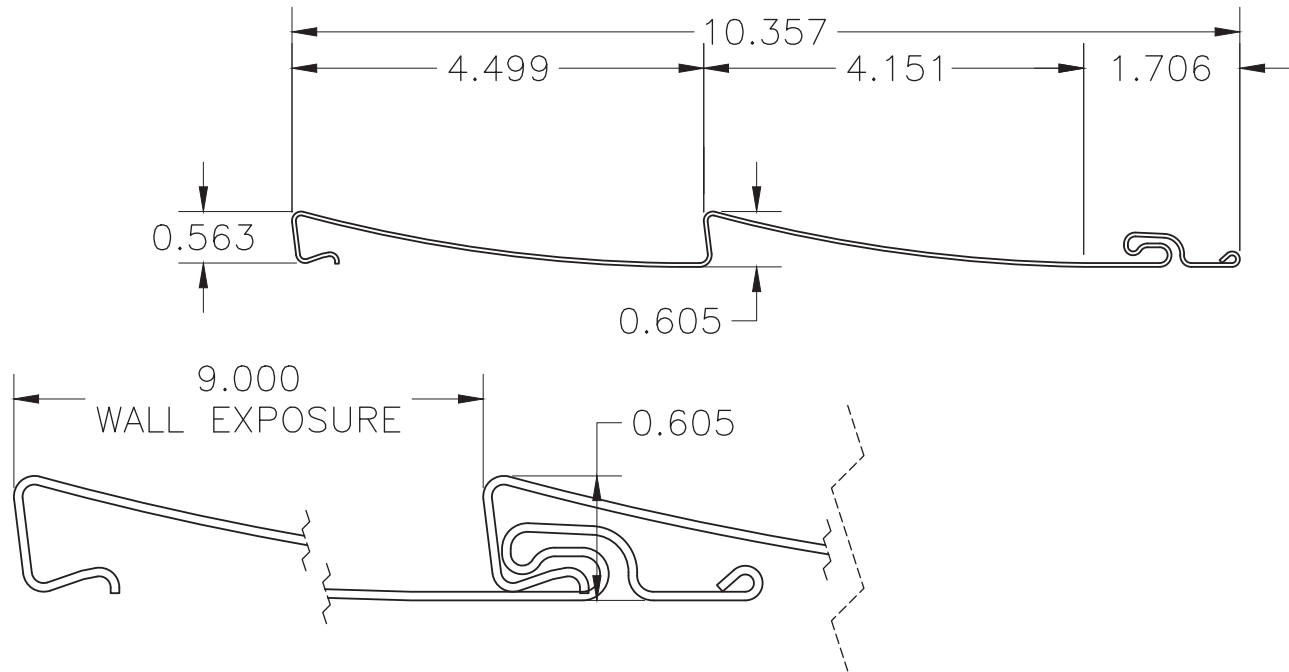
PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829		
TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING WILLOWBROOK D5 & D5DL SIDING PROFILES		
PREPARED BY:	DRAWN BY: RJA	DATE: 11/18/15
	SCALE: n/a	DRAWING NO: HSL0020
	REV: C	SHEET: 15 OF 17
PDC PRODUCT DESIGN GROUP, LLC P.O. Box 321,690, 1788 Louisville, MS 38077-0775 Phone: 321.690.1788 Fax: 321.690.1788 Email: ms@pdc-corp.com FBPE Cert. of Auth. No. 25935		

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



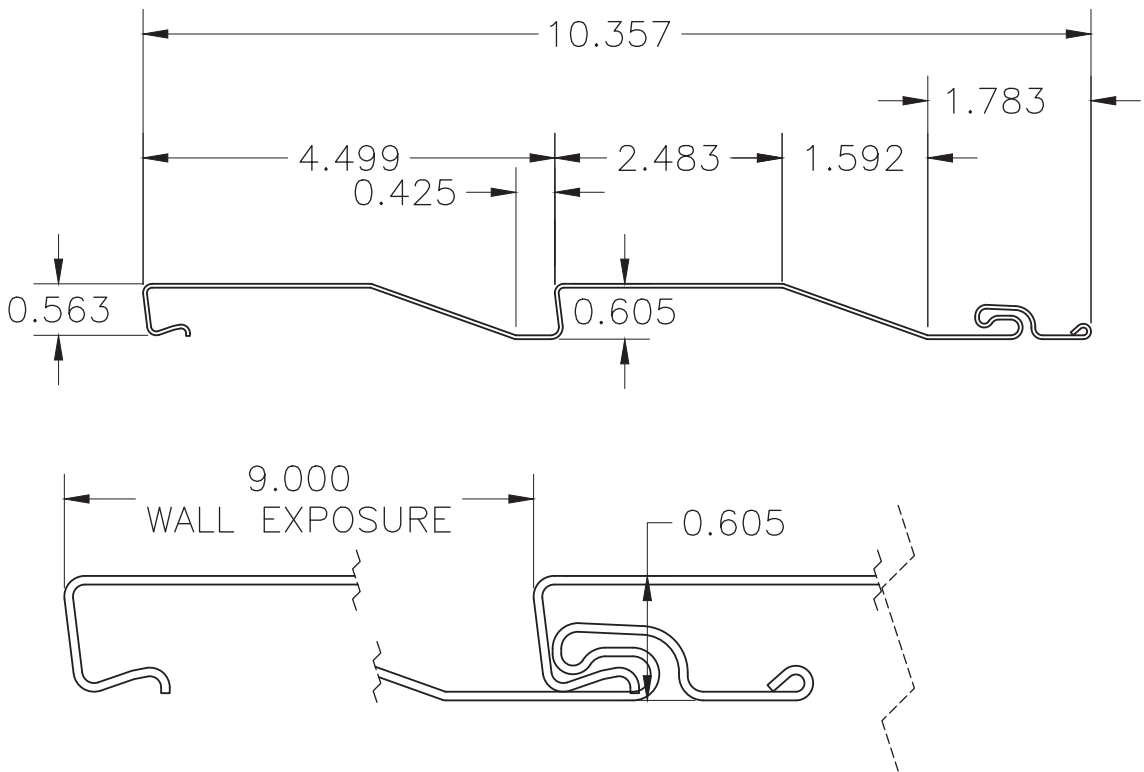
Digitally signed
by Robert J
Amoruso
Date: 2023.12.01
10:25:51 -05'00'

WILLOWBROOK D4.5 & D4.5 DUTCHLAP SIDING PROFILES



27

WILLOWBROOK D4.5
THICKNESS – 0.042”
MATERIAL – VINYL (PVC)



28

WILLOWBROOK D4.5 DUTCHLAP
THICKNESS – 0.042”
MATERIAL – VINYL (PVC)

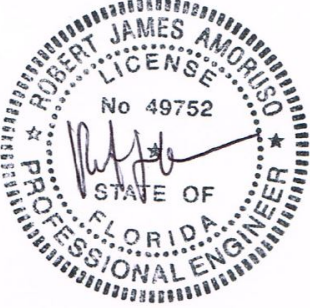
NOTES:

1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
2. SEE SHEET 4 FOR INSTALLATION ANCHOR REQUIREMENTS.
3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608			
UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA	BY
UPDATE TO CURRENT FBC	4/7/21	RJA	DATE
UPDATE TO ADD SIDING	9/27/18	RJA	DESCRIPTION
REV	REV	REV	REV

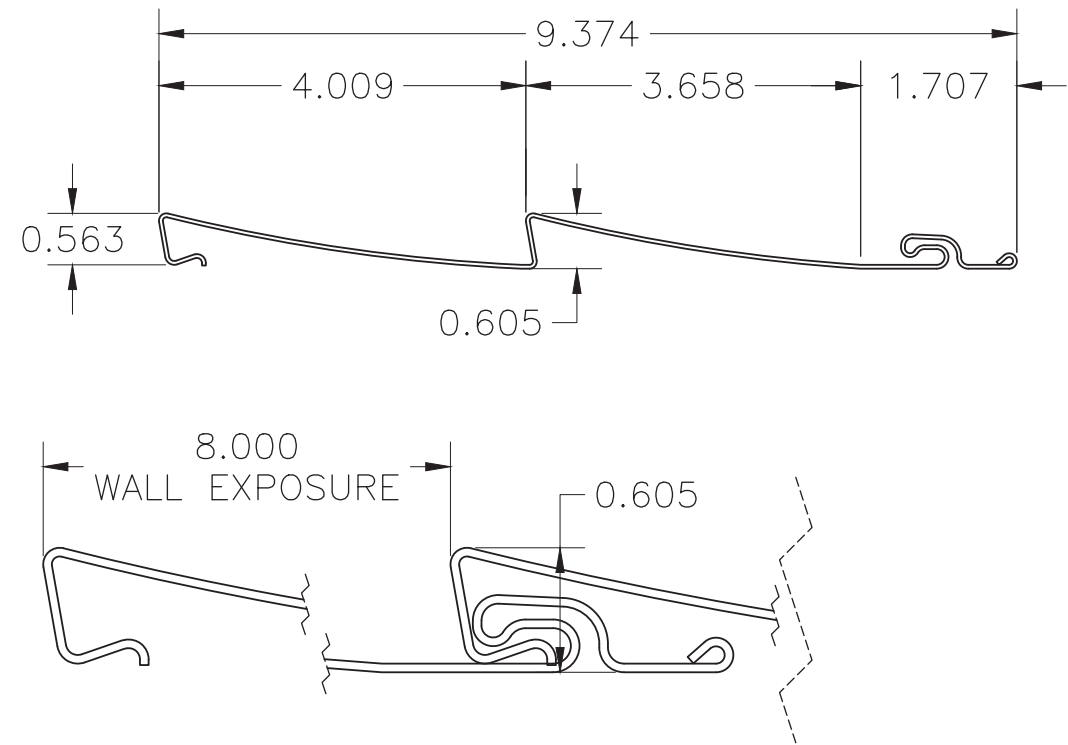
PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829			
TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING WILLOWBROOK D4.5 & D4.5DL SIDING PROFILES			
DATE: 11/18/15	DRAWN BY: RJA	SCALE: n/a	SHEET: 16 OF 17
DRAWING NO: HSL0020	REV: C	BY: C	DATE: 11/18/15
PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32752-0775 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com			

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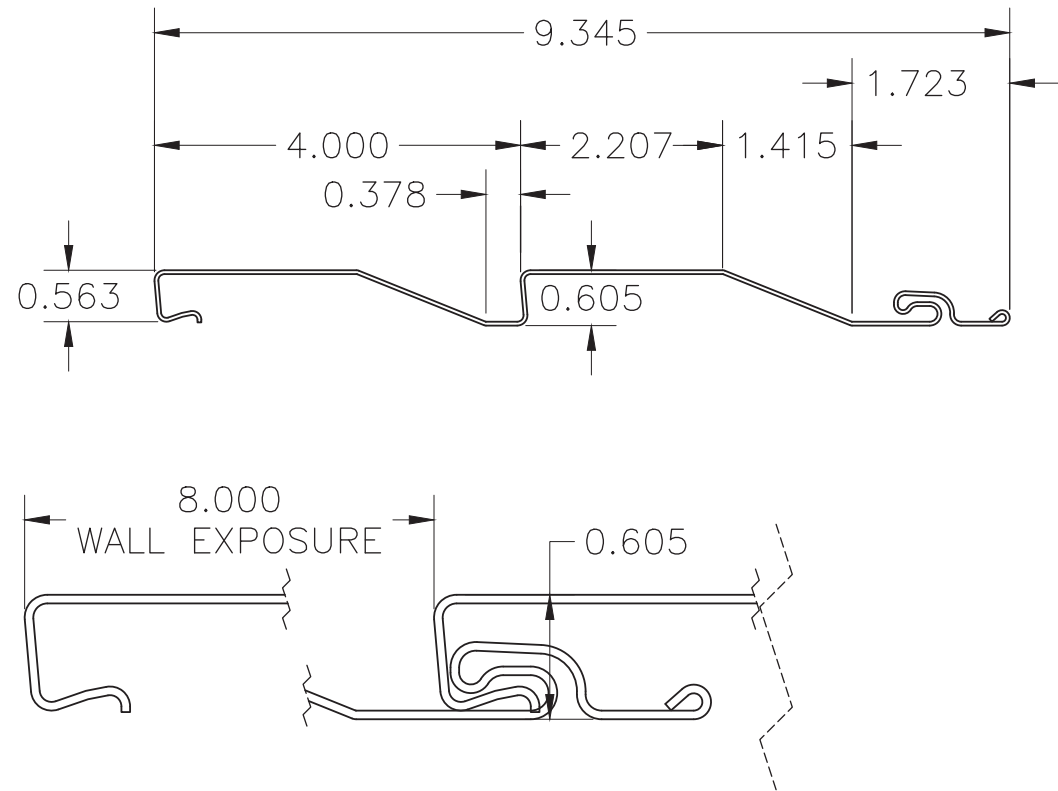
Digitally signed
by Robert J
Amoruso
Date: 2023.12.01
10:26:04 -05'00'

WILLOWBROOK D4 & D4 DUTCHLAP SIDING PROFILES



29

WILLOWBROOK D4
THICKNESS – 0.042”
MATERIAL – VINYL (PVC)



30

WILLOWBROOK D4 DUTCHLAP
THICKNESS – 0.042”
MATERIAL – VINYL (PVC)

NOTES:

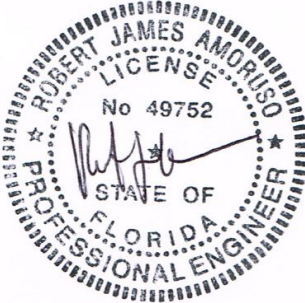
1. SEE SHEET 2 FOR DESIGN PRESSURE RATING AND INSTALLATION ANCHOR SPACING.
2. SEE SHEET 4 FOR INSTALLATION ANCHOR REQUIREMENTS.
3. SEE SHEET 5 FOR BILL OF MATERIALS.

PROJECT NO. 422-0608			
UPDATE TO 8th EDITION (2023) FBC	6/23/23	RJA	BY
UPDATE TO CURRENT FBC	4/7/21	RJA	DATE
UPDATE TO ADD SIDING	9/27/18	RJA	DESCRIPTION
REV	A	DATE	DESCRIPTION

PROVIA LLC 301 INDUSTRIAL PARK RD. BOONEVILLE, MS 38829			
TITLE: HEARTLAND SIDING - VINYL (PVC) SIDING WILLOWBROOK D4 & D4DL SIDING PROFILES			
DATE: 11/18/15	DRAWN BY: RJA	SCALE: n/a	SHEET: 17 OF 17
REV: C	REV: C	REV: C	REV: C

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Fax: 321.690.1789
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Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed by
Robert J Amoruso
Date: 2023.12.01
10:26:17 -05'00'