

KP Building Products/CertainTeed

MAXIM 8 INCH BOARD & BATTEN 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 THIS SHEET (SEE TABLE).

2. STRUCTURAL PERFORMANCE RATING (DESIGN PRESSURE IN PSF) BASED UPON MOLIMO TEST REPORT NO. 2174.02-106-11 INCLUDING ASSOCIATED LABORATORY STAMPED DRAWINGS.

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. BASED ON ASTM D3679, ANNEX A WHICH ALLOWS UTILIZATION OF A PRESSURE EQUALIZATION FACTOR OF 0.36 RESULTS IN A DESIGN PRESSURE RATING OF -83.3 PSF WHEN INSTALLED AGAINST A MINIMUM 7/16" THICK SHEATHING. A NEGATIVE DESIGN PRESSURE SIGNIFIES PRESSURE LOADING ACTING AWAY FROM THE SIDING SURFACE.

2.3. DESIGN PRESSURE SHOWN IN DESIGN PRESSURE RATING TABLE ON SHEET 1 BASED ON INSTALLATION OVER SOLID SHEATHING. SEE THE VINYL SIDING INSTITUTE'S 2018 VINYL SIDING INSTALLATION MANUAL FOR RECOMMENDATIONS ON INSTALLATION OVER FOAM PLASTIC SHEATHING.

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.

7.1. MINIMUM SHEATHING REQUIREMENTS ARE SHOWN IN INSTALLATION NOTE 6.2 AND 6.3.

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.

8.1. A WATER-RESISTIVE BARRIER IS REQUIRED PER THE CURRENT EDITION OF THE FLORIDA BUILDING CODE AND SHALL BE A MINIMUM OF ONE LAYER OF NO.15 ASPHALT FELT, COMPLYING WITH ASTM D 226 FOR TYPE 1 FELT OR OTHER APPROVED MATERIALS.

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SHEET	DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	COMPONENTS AND BILL OF MATERIALS
3	VERTICAL INSTALLATION CROSS SECTION
4	TYPICAL INSTALLATION DETAIL
5	UTILITY TRIM INSTALLATION DETAIL

INSTALLATION NOTES:

1. ANCHORS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.

2. INSTALLATION ANCHORS SHALL BE INSTALLED AS SHOWN ON THE "WOOD FRAME INSTALLATION" SECTIONS ON SHEETS 3 AND 4.

3. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).

4. INSTALLATION ANCHOR DETAILS:

4.1. USE 0.125" DIAMETER x 1-1/2" LONG **RING SHANK** ROOFING NAIL WITH 7/16" DIAMETER HEAD FOR SIDING AND TRIM INSTALLATION.

4.2. SEE SHEETS 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. 7/16" 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. 1. KP BUILDING PRODUCTS VINYL SOFFIT IS MANUFACTURED FROM A FORMULATED PVC POWDER COMPOUND MEETING THE SPECIFICATIONS OF ASTM D3679

2. WALL THICKNESS:

2.1. SEE COMPONENT DETAILS ON SHEET 2.

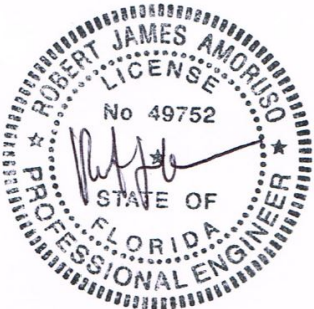
3. PANEL LENGTH:

3.1. 10' - 0"

DESIGN PRESSURE (PSF) RATING

SIDING MODEL	DESIGN PRESSURE (PSF) RATING WHEN INSTALLED OVER FBC COMPLIANT SHEATHING.
MAXIM 8 INCH BOARD & BATTEN	-83.3

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Florida P.E. No. 49752



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PROJECT #422-0910

KP Building Products/CertainTeed

402 BOYER CIRCLE

WILLISTON, VT 05495

TITLE: MAXIM 8 INCH BOARD & BATTEN VINYL (PVC) SIDING

GENERAL NOTES, B.O.M. AND D.P. CHART

PREPARED BY:

DATE: 2/20/2020

DRAWING NO: KPBP0006

SHEET: 1 OF 5

FTC LLC

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Email: info@kp-corp.com

DRAWN BY: RJA

SCALE: N.T.S.

REV: A

REV

DESCRIPTION

DATE

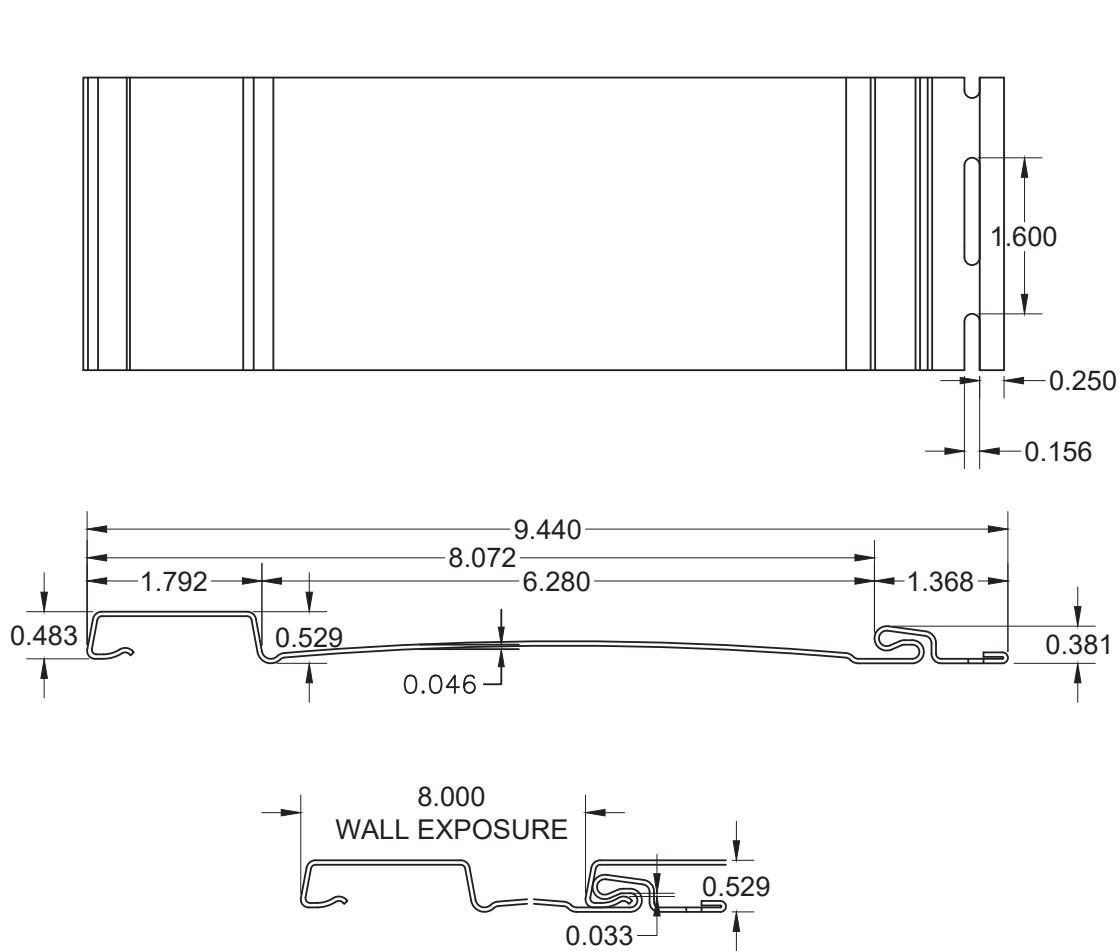
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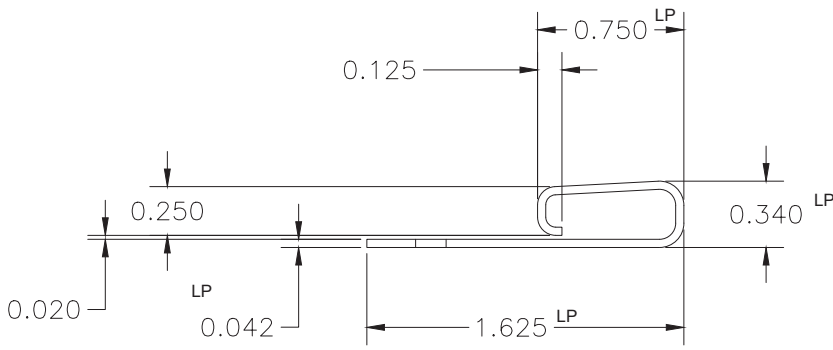
UPDATED TO CURRENT EDITION OF THE FBC

10/14/23

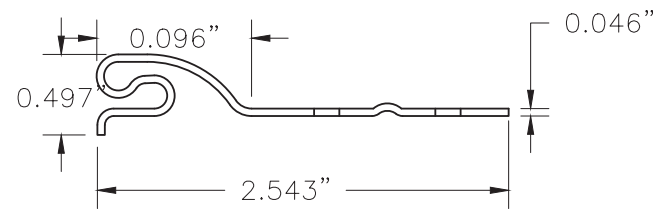
RJA



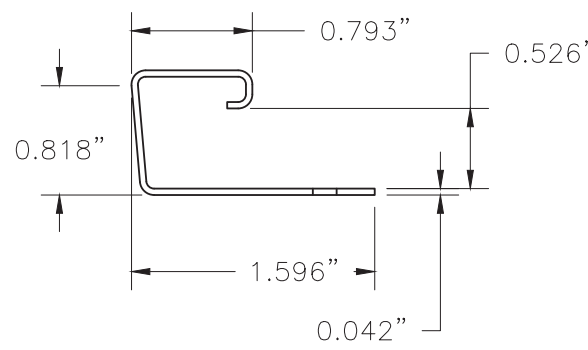
1 MAXIM 8 INCH BOARD & BATTEN SIDING
EXTRUDED VINYL (PVC) 0.046" THICK



2 KP BUILDING PRODUCTS VINYL
UTILITY TRIM
EXTRUDED VINYL (PVC)
0.042" THK.



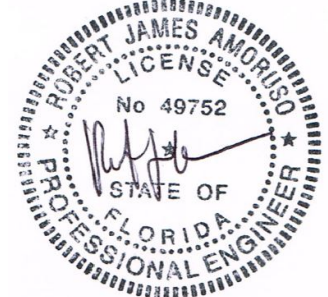
3 STARTER STRIP
EXTRUDED VINYL (PVC)
0.046" THICK



4 J-CHANNEL
EXTRUDED VINYL (PVC)
0.042" THICK

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	KP BUILDING PRODUCTS MAXIM 8 INCH BOARD & BATTEN	VINYL (PVC)
2	KP BUILDING PRODUCTS UTILITY TRIM	VINYL (PVC)
3	KP BUILDING PRODUCTS STARTER STRIP	VINYL (PVC)
4	KP BUILDING PRODUCTS J-CHANNEL	VINYL (PVC)
5	0.125" DIA. x 1-1/2" LONG RING SHANK ROOFING NAIL WITH 7/16" DIA. HEAD MIN.	GALV. STEEL OR STAINLESS STEEL

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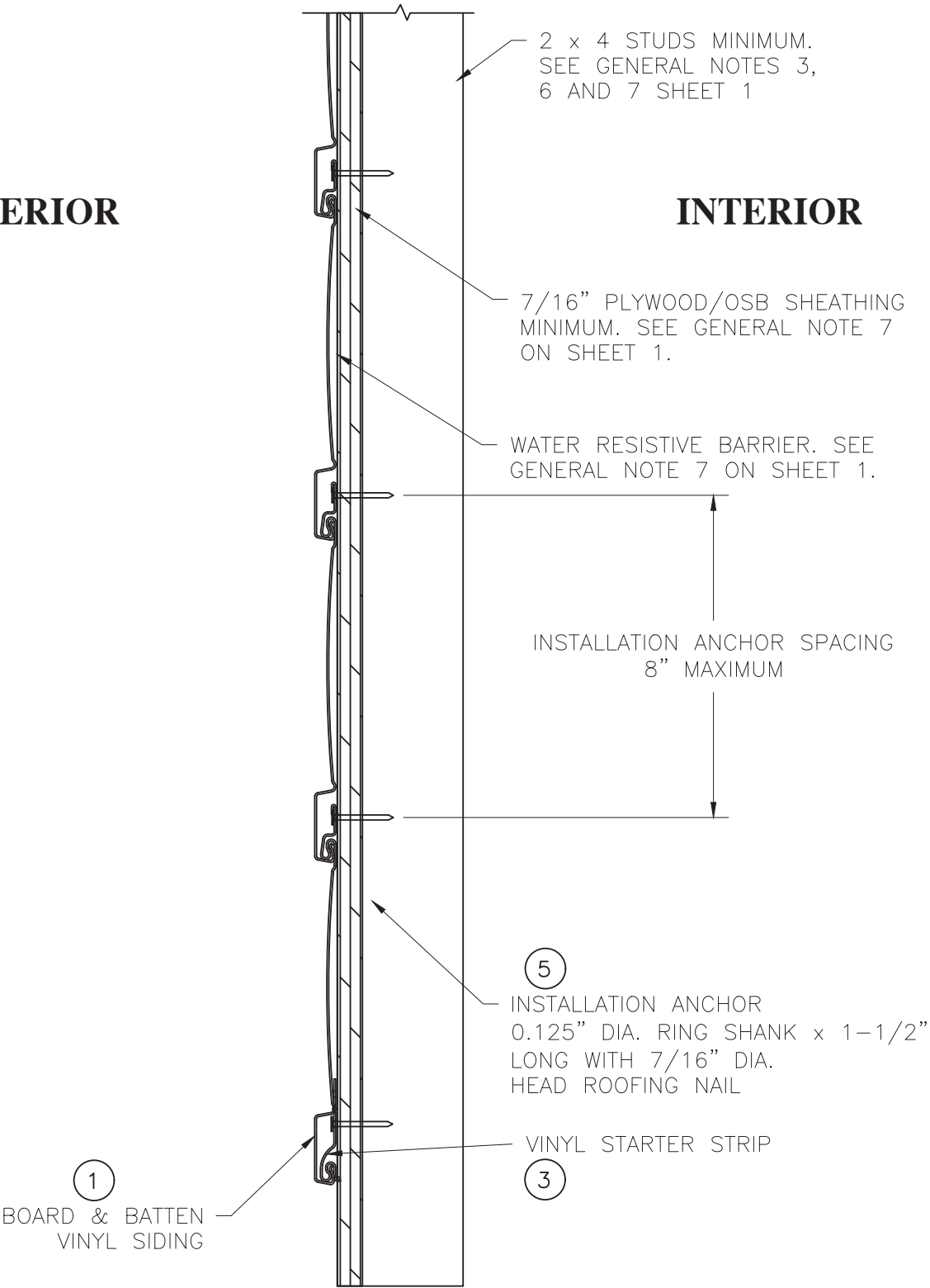


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PROJECT #422-0910		DATE: 2/20/2020		DRAWING NO: KPB0006		SHEET: 2 OF 5	
KP Building Products/CertainTeed 402 BOYER CIRCLE WILLISTON, VT 05495		DRAWN BY: RJA		SCALE: N.T.S.		REV: A	
TITLE: MAXIM 8 INCH BOARD & BATTEN VINYL (PVC) SIDING COMPONENTS AND BILL OF MATERIALS		DATE: 2/20/2020		DRAWING NO: KPB0006		SHEET: 2 OF 5	
PROJECT #422-0910		DATE: 10/14/23		DRAWING NO: RJA		SHEET: 2 OF 5	
DESCRIPTION		REV		DATE		BY	

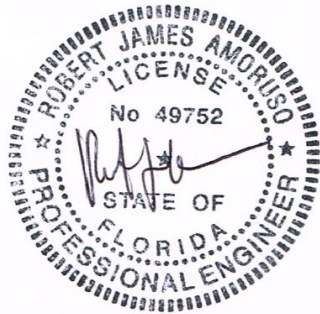
EXTERIOR

INTERIOR



**VERTICAL INSTALLATION
CROSS SECTION**

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KP Building Products/CertainTeed

402 BOYER CIRCLE
WILLISTON, VT 05495

TITLE: MAXIM 8 INCH BOARD & BATTEN VINYL (PVC) SIDING
VERTICAL INSTALLATION CROSS SECTION

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REV:

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DATE:

2/20/2020

DRAWING NO:

KPBP0006

SHEET:

3 OF 5

PROJECT #422-0910

UPDATED TO CURRENT
EDITION OF THE FBC

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DESCRIPTION

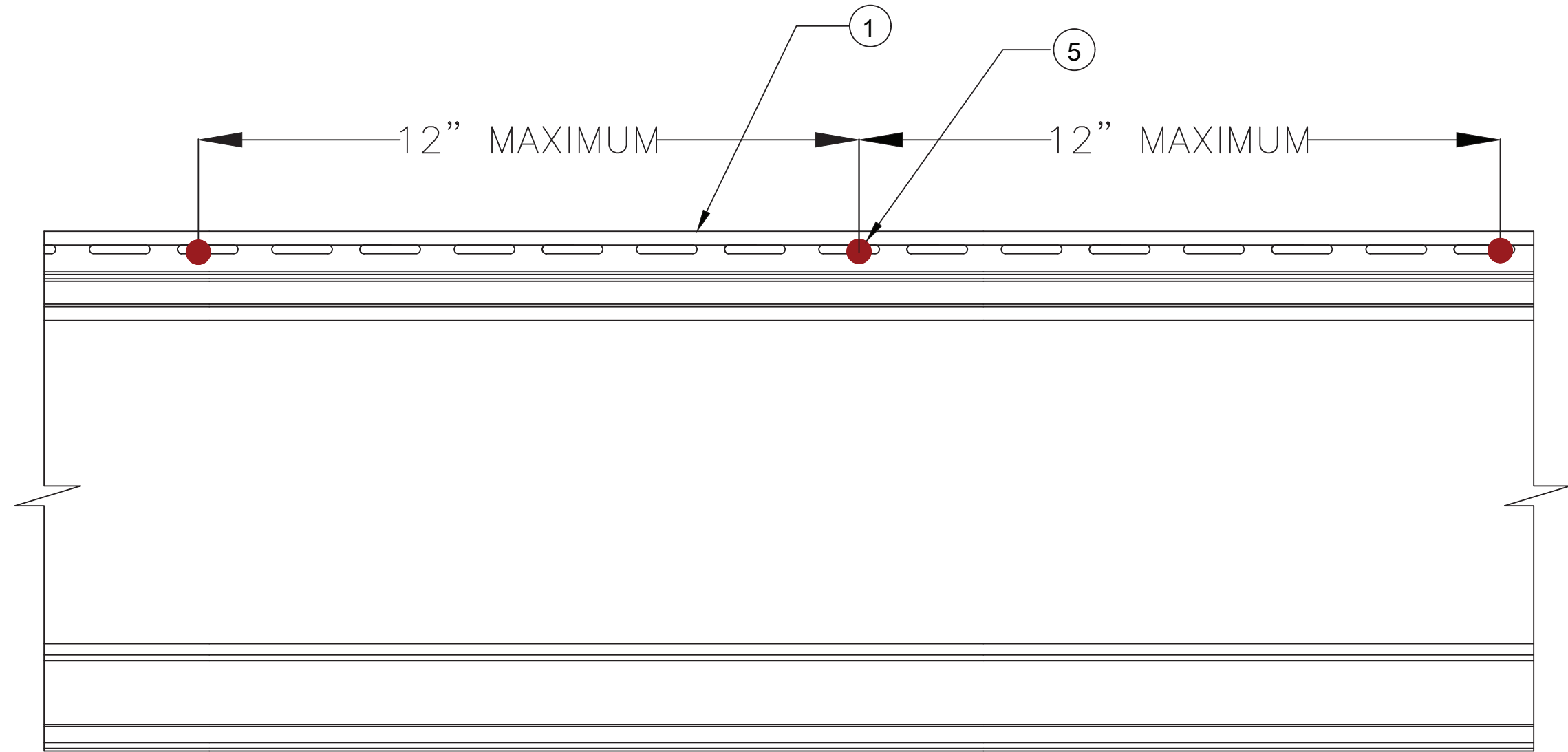
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TYPICAL INSTALLATION DETAIL
MAXIM 8 INCH BOARD & BATTEN SIDING
(INSTALLATION ANCHORS THRU SHEATHING)

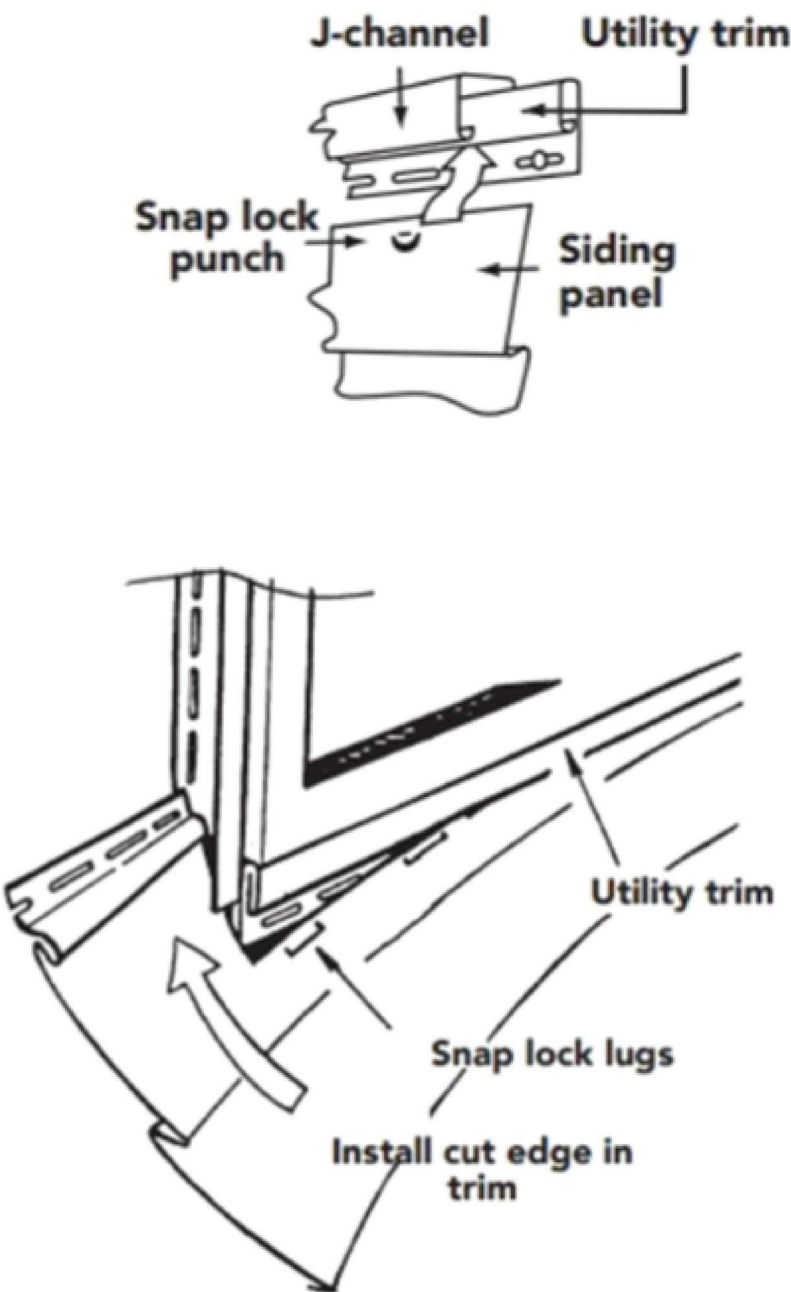
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		TITLE: MAXIM 8 INCH BOARD & BATTEN VINYL (PVC) SIDING TYPICAL INSTALLATION DETAIL		DRAWN BY: RJA	
				SCALE: N.T.S.	
				REV: A	
				DRAWING NO: KPB00006	
				SHEET: 4 OF 5	
				REV: A	
				DESCRIPTION	
				DATE	
				BY	
				10/14/23 RJA	
				A	
				UPDATED TO CURRENT EDITION OF THE FBC	

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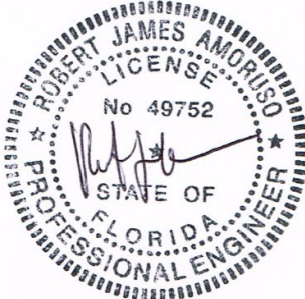


**UTILITY TRIM INSTALLATION DETAIL PER 2023 FBC,
SECTION 1405.14.2.2 AND 2023 FRC, SECTION R703.11.1.5.
(ILLUSTRATION FROM 2023 FRC, SECTION R703.11.1.5)**

UTILITY TRIM (ITEM NO. 2) SHALL BE ATTACHED
USING 0.125" DIAMETER ROOFING NAIL (BOM ITEM
NO. 5) 12" O.C. SPACING. FASTENER SPACING SHALL
BE THE SAME AS SHOWN ON SHEET 4 FOR STARTER
STRIP.

FOR ADDITIONAL DETAILS, SEE KP BUILDING PRODUCTS
VINYL SIDING ESTIMATING & INSTALLATION GUIDE,
KP-EIG21A (101-7383) OR LATER EDITIONS.

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402 BOYER CIRCLE
WILLISTON, VT 05495

TITLE: MAXIM 8 INCH BOARD & BATTEN VINYL (PVC) SIDING
UTILITY TRIM INSTALLATION DETAIL

PREPARED BY:

DATE:

DRAWING NO:

REV:

5 OF 5

REV

DESCRIPTION

DATE

BY

PROJECT #422-0910

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