

KAYCAN LTD

VINYL SOFFIT - SOLID AND VENTED

WITH SINGLE SPANS

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED AND DESIGNED TO COMPLY WITH THE CURRENT EDITION OF FLORIDA BUILDING CODE- BUILDING AND RESIDENTIAL VOLUMES EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES SHOWN ON SHEET 1. THESE PRODUCTS WERE TESTED TO ASTM E330-14. STRUCTURAL TEST RESULTS BASED ON ASTM E330-14 WERE DIVIDED BY 1.5 AS REQUIRED BY THE BUILDING CODE.
2. DESIGN PRESSURE (DP) RATINGS SHOWN ON THIS SHEET ARE BASED ON 10" EAVE WIDTHS IN SINGLE SPANS. SPAN WIDTHS AT 10", 12", 14" AND 16" ARE SHOWN ON SHEET 2.
3. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON TESTING PERFORMED AT MOLIMO ARCHITECTURAL PRODUCT TESTING, 11410 EDEN ROAD, YORK, PA 1740. REPORT NO. 2875.02-106-11, DATED 4/16/21.
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE, MASONRY AND WOOD FRAMING COMPRISING THE ATTACHMENT SUBSTRATE FOR THE SOFFIT 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.
5. OVERHANGS RECEIVING SOFFIT SHALL BE CHECKED FOR STRUCTURAL ADEQUACY, DAMAGE, CRACKS OR DEFECTS THAT MAY PRECLUDE THE SOFFIT FROM PERFORMING ITS INTENDED FUNCTIONS. SUCH DEFECTS SHALL BE ELIMINATED PRIOR TO SOFFIT INSTALLATION.
6. INSTALLATION OF SOFFIT 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 - BUILDING AND RESIDENTIAL VOLUMES AND THE MANUFACTURER'S INSTRUCTIONS.
7. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT
8. SOFFIT SHALL BE LABELED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
9. SOFFIT NET FREE AREA IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE ARE:

9.1. 12" TRIPLE 4 SOLID SOFFIT

9.1.1. NET FREE AREA = 0.0 SQ. IN./LINEAL FT.

9.1.2. NET FREE AREA = 0.0 SQ. IN./SQ. FT.

9.2. 12" TRIPLE 4 FULL-O-VENT ECO VENTED SOFFIT

9.2.1. NET FREE AREA = 4.75 SQ. IN./LINEAL FT.

9.2.2. NET FREE AREA = 4.75 SQ. IN./SQ. FT.
10. MATERIALS:

10.1. KAYCAN BUILDING PRODUCTS VINYL SOFFIT AND TRIM IS MANUFACTURED FROM A FORMULATED PVC POWDER COMPOUND MEETING THE SPECIFICATIONS OF ASTM D3679.

10.2. KAYCAN BUILDING PRODUCTS ALUMINUM TRIM IS MANUFACTURED FROM ALUMINUM ALLOY WITH ASTM E8 TESTED TENSILE STRENGTH OF 21 KSI AND YIELD STRENGTH OF 9.86 KSI.

FASTENER SCHEDULE				
FASTENER DESCRIPTION	BILL OF MATERIAL ID (SHEET 11)	SUBSTRATE	MIN. EMBEDMENT (SEE NOTE 1)	EDGE DISTANCE
11 GA. x 1–1/2” ROOFING NAIL (1/8” SHANK, 3/8” HEAD DIAMETER)	5	WOOD	7/8”	1/4”
0.075” DIAMETER X 1–1/2” TRIM NAIL WITH 3/16” HEAD DIAMETER	6	WOOD	1”	1/4”
16 GA. X 7/16” WIDTH CROWN STAPLE 1” MIN. LENGTH	7	WOOD	7/8”	1/4”
NOTE 1: EMBEDMENT BASED ON NOMINAL LENGTH OF FASTENER THROUGH SOFFIT OR CHANNEL INTO SUPPORTING SUBSTRATE W/O WALL FINISHES. WHERE WALL FINISHES ARE PRESENT, THE FASTENER LENGTH WILL BE INCREASED AS REQUIRED TO MAINTAIN EMBEDMENT DEPTH INTO SUPPORTING SUBSTRATE. SIDING WALL THICKNESS IS NOT INCLUDED IN WALL FINISH THICKNESS.				

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5	INSTALLATION DETAILS 3A THRU 3E
6	SOFFIT PROFILE
7	CHANNEL AND FASCIA PROFILES / BOM / SOFFIT SCHEDULE
8	SOFFIT LOAD SPANS AND INSTALLATION DETAILS

REVISIONS				KAYCAN LTD.			
REV.	DESCRIPTION	DATE	BY	3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA			
A	UPDATED 12" TRIPLE 4 FULL-O-VENT ECO	11/7/24	RJA	VINYL SOFFIT INSTALLATION - SINGLE SPANS GENERAL NOTES AND PERFORMANCE RATINGS			
				DRAWN: RJA	DWG NO. KAY0017	PROJECT NO. ACE-2024-130	REV A
				SCALE NTS	DATE 6/25/21	SHEET 1 of 8	

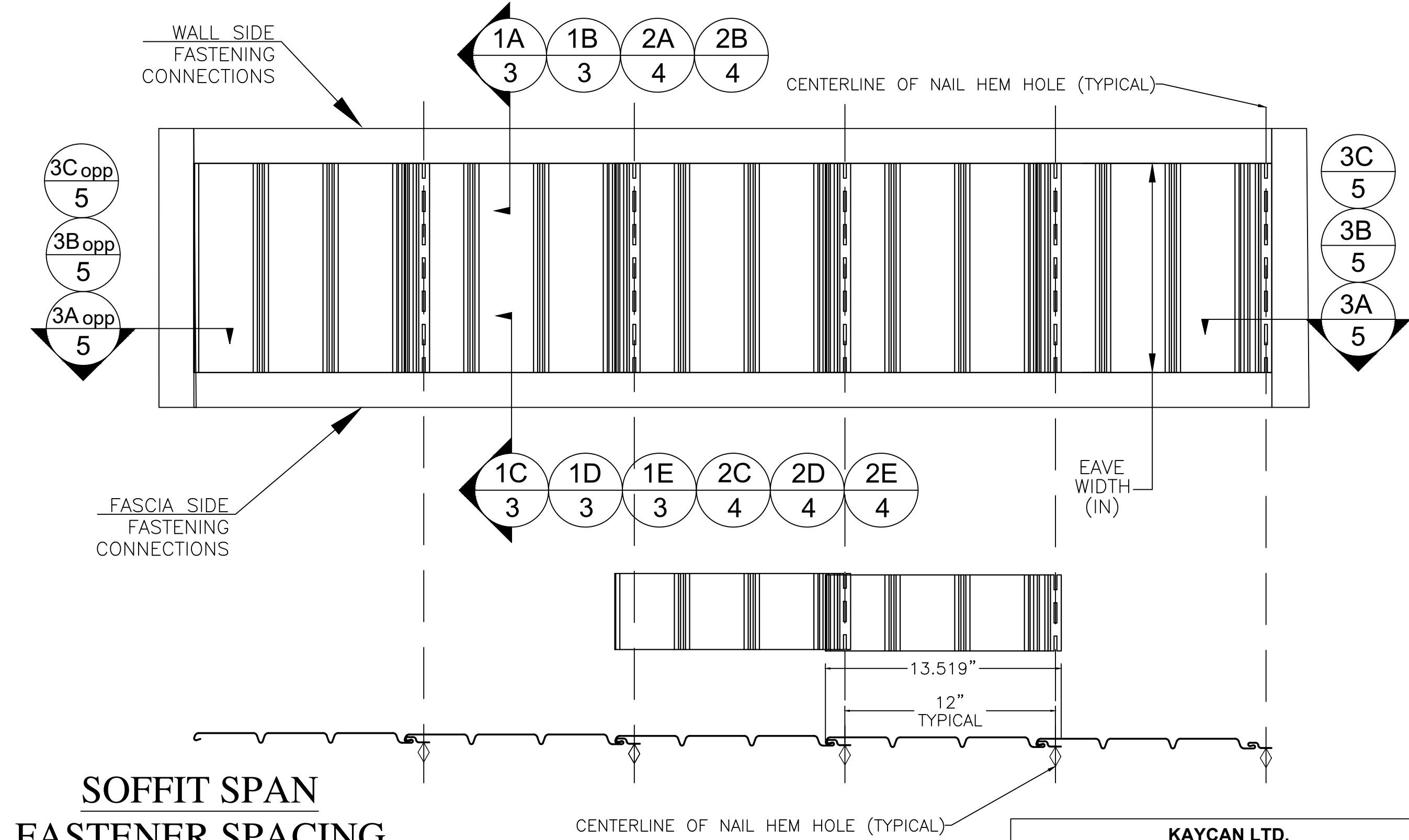
AMORUSO CONSULTING
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SOFFIT SPAN
FASTENER SPACING
(SOLID SOFFIT SHOWN, VENTED SOFFIT SAME)

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED 12" TRIPLE 4 FULL-0-VENT ECO	11/7/24	RJA

KAYCAN LTD. 3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA			
VINYL SOFFIT INSTALLATION - SINGLE SPANS SOFFIT SPAN FASTENER INSTALLATION SPACING			
DRAWN: RJA	DWG NO. KAY0017	PROJECT NO. ACE-2024-130	REV A
SCALE NTS	DATE 6/25/21	SHEET 2 of 8	

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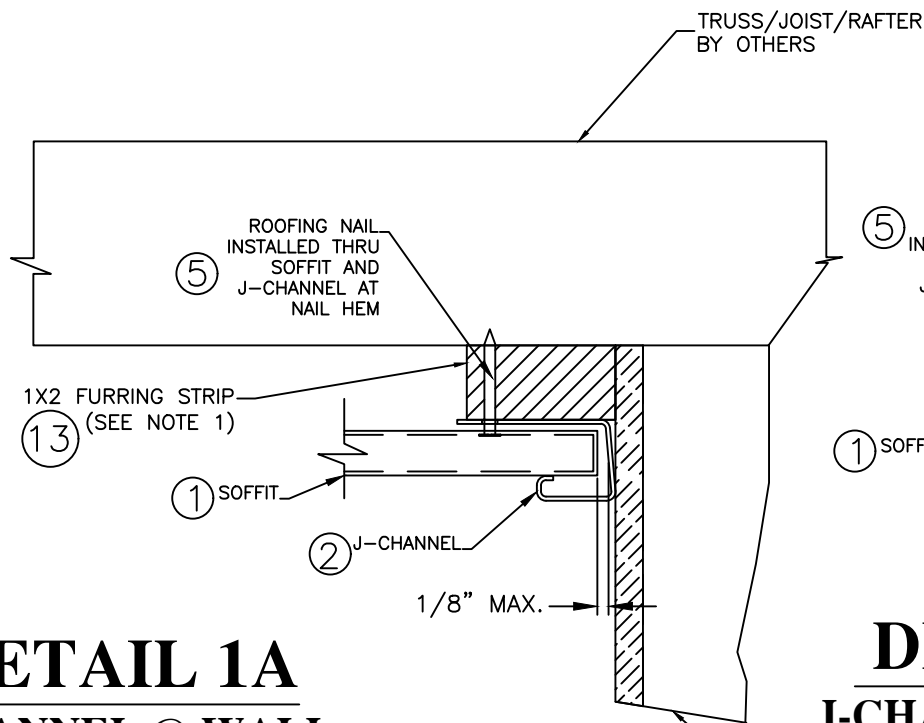
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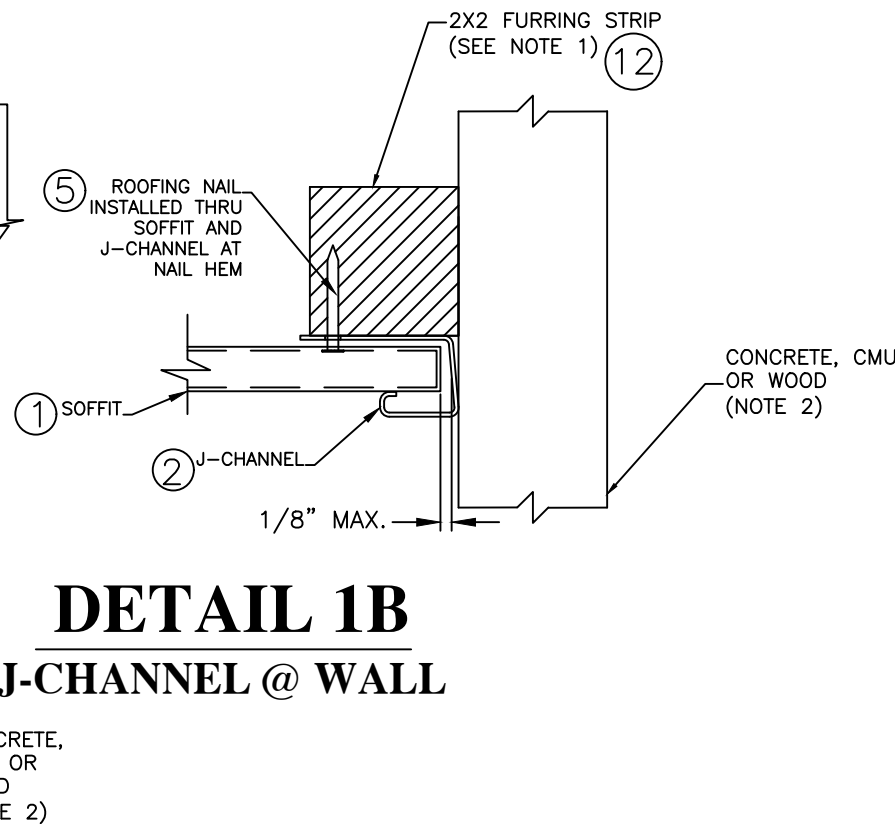
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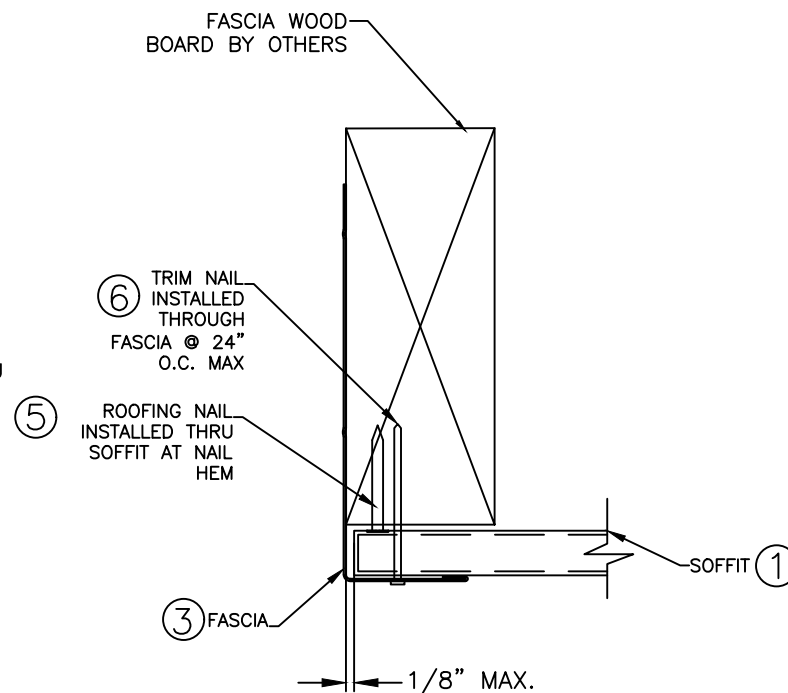
DETAIL 1A
J-CHANNEL @ WALL



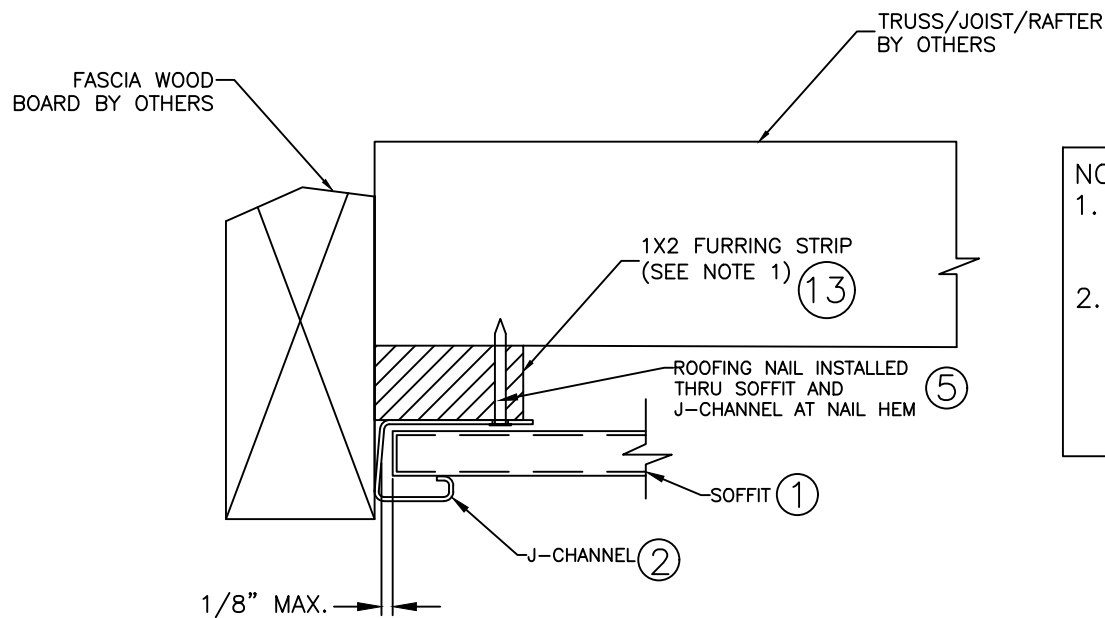
DETAIL 1B
J-CHANNEL @ WALL



DETAIL 1C
FASCIA

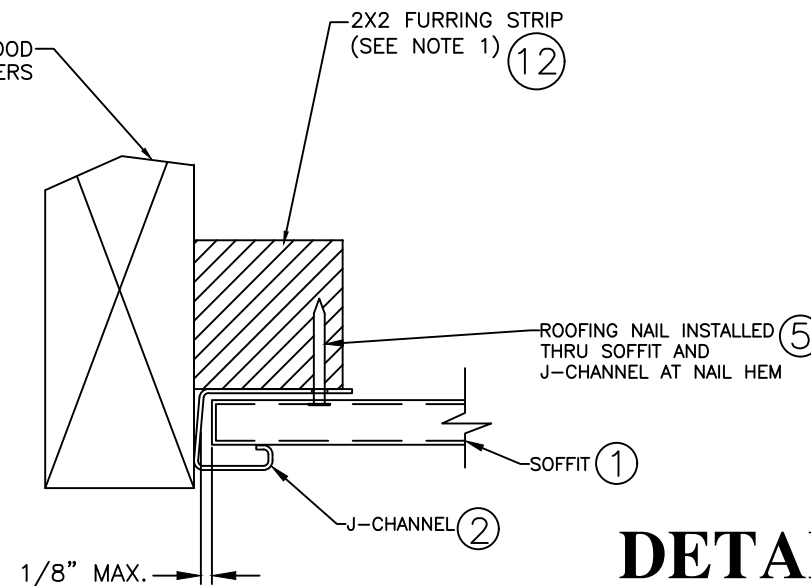


DETAIL 1D
J-CHANNEL @ FASCIA



- NOTES:
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
 2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.

DETAIL 1E
J-CHANNEL @ FASCIA



KAYCAN LTD.			
3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA			
VINYL SOFFIT INSTALLATION - SINGLE SPANS			
DETAILS 1A, 1B, 1C, 1D AND 1E			
DRAWN: RJA	DWG NO. KAY0017	PROJECT NO. ACE-2024-130	REV A
SCALE NTS	DATE 6/25/21	SHEET 3 of 8	

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED 12" TRIPLE 4 FULL-0-VENT ECO	11/7/24	RJA

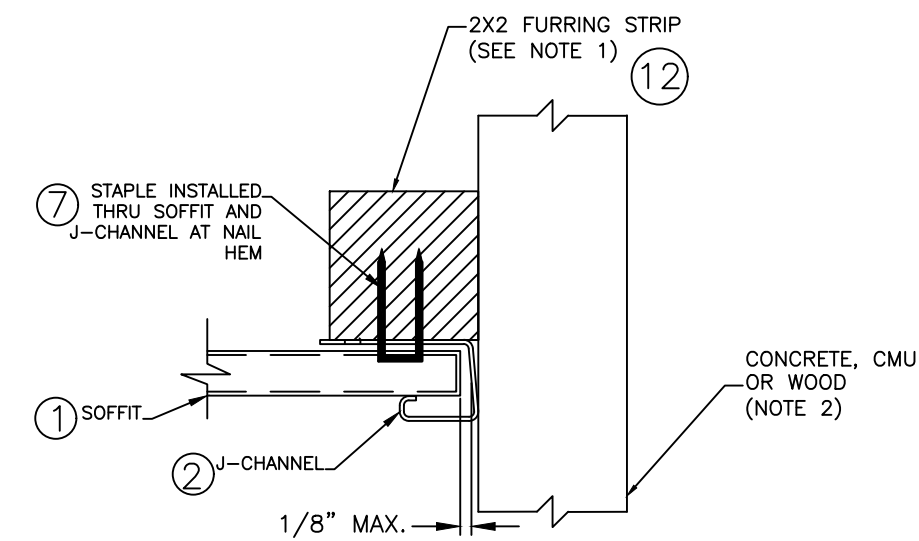
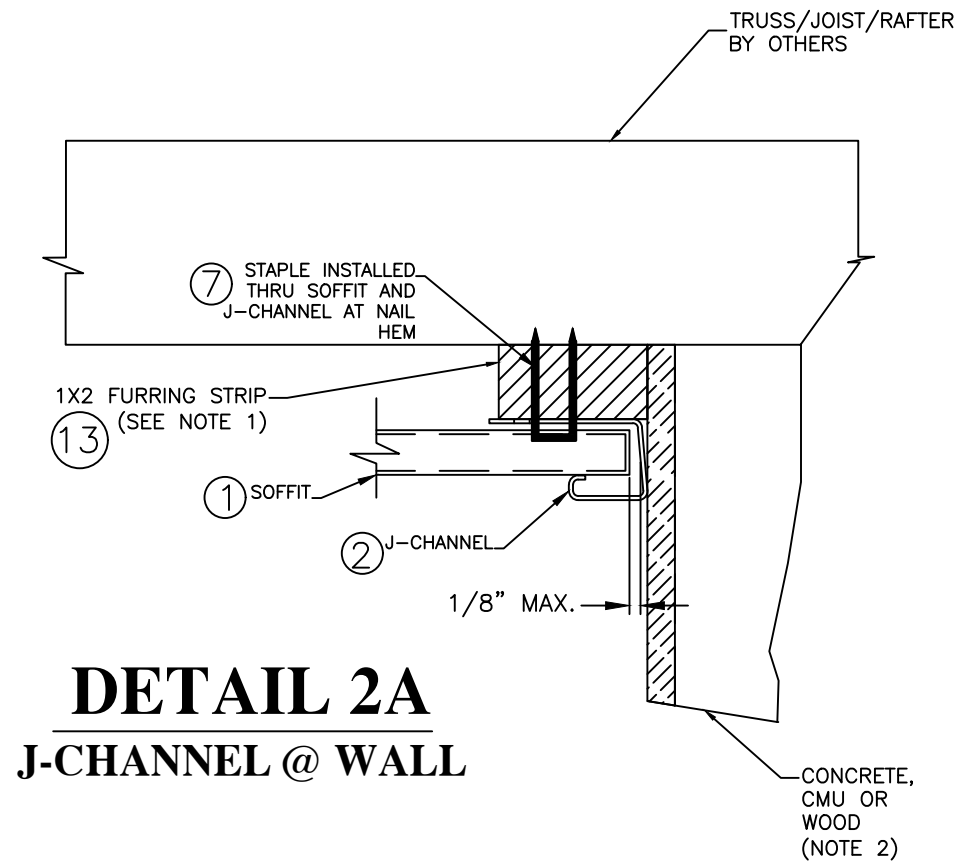
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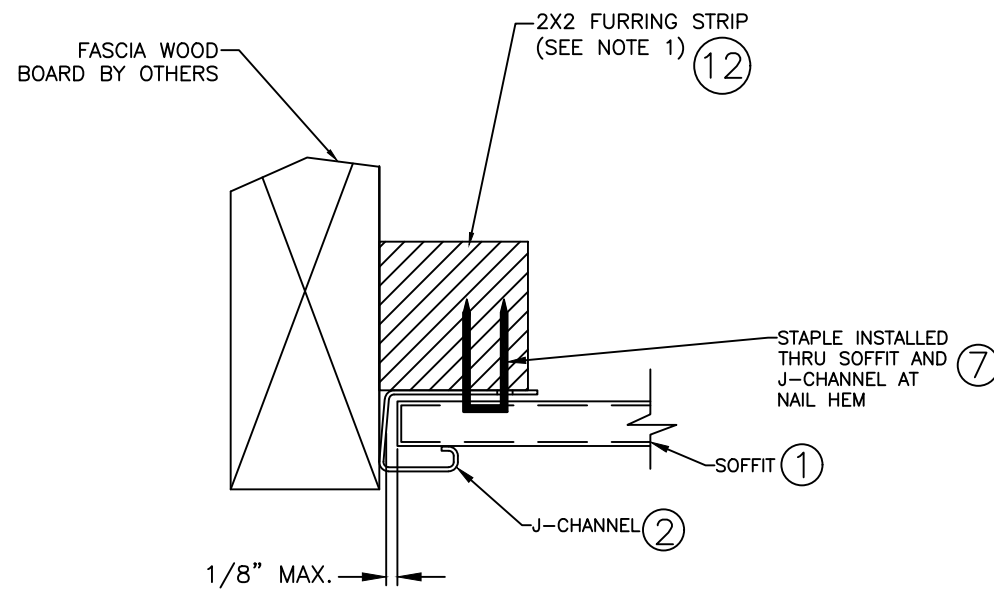
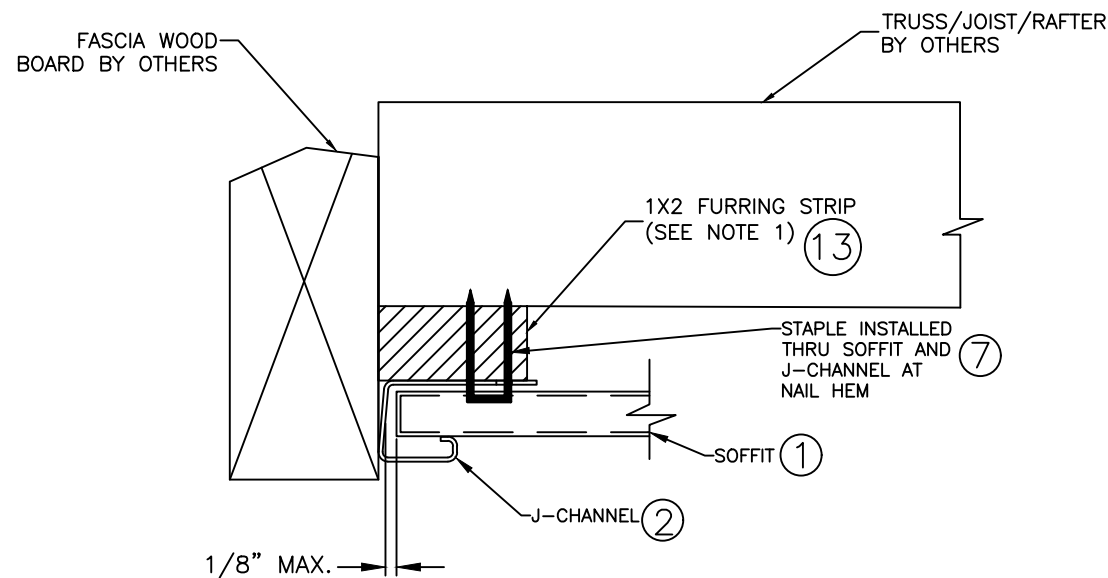
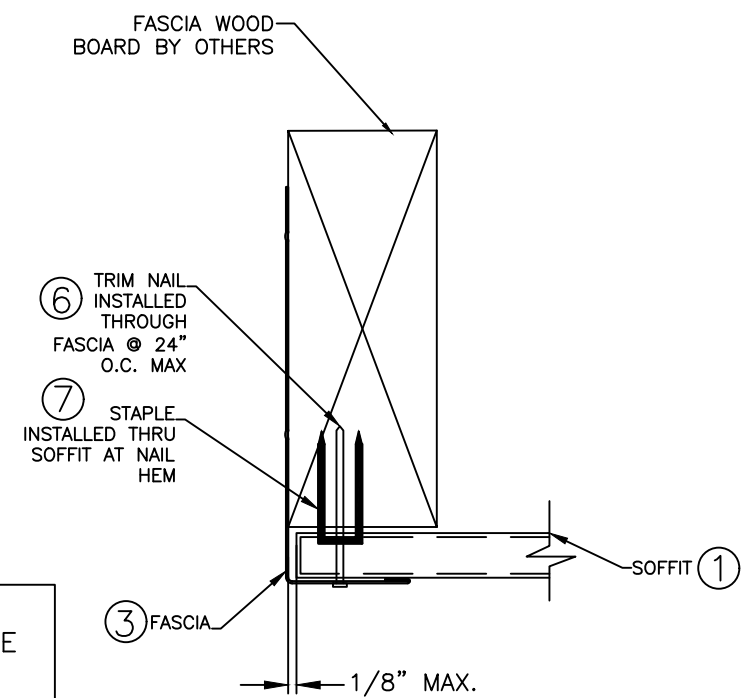


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- NOTES:**
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
 2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.



DETAIL 2D
J-CHANNEL @ FASCIA

DETAIL 2E
J-CHANNEL @ FASCIA

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED 12" TRIPLE 4 FULL-0-VENT ECO	11/7/24	RJA

KAYCAN LTD. 3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA VINYL SOFFIT INSTALLATION - SINGLE SPANS DETAILS 2A, 2B, 2C, 2D AND 2E			
DRAWN: RJA	DWG NO. KAY0017	PROJECT NO. ACE-2024-130	REV A
SCALE NTS	DATE 6/25/21	SHEET 4 of 8	

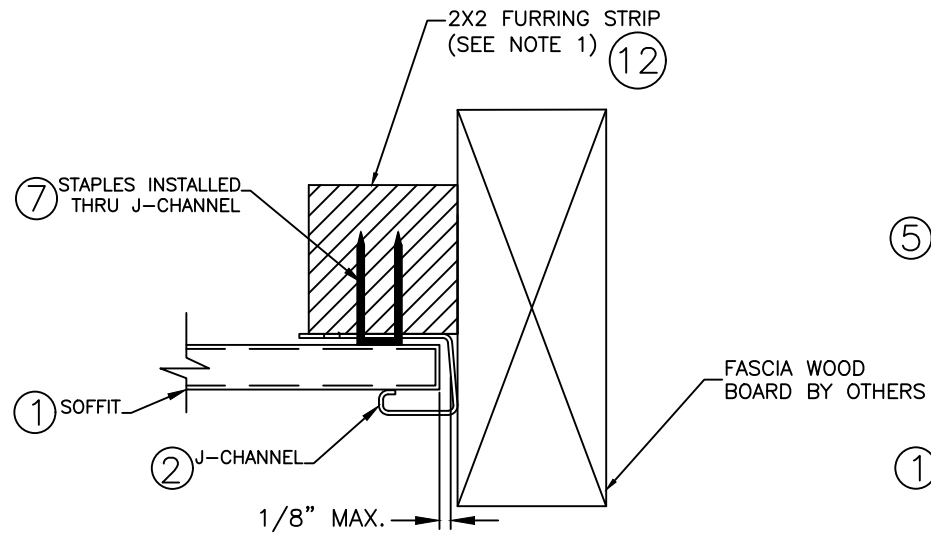
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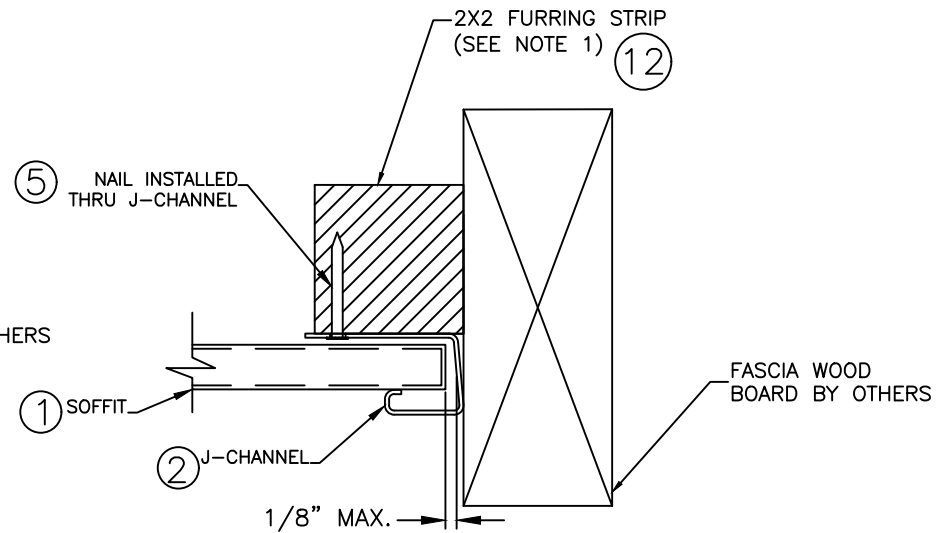


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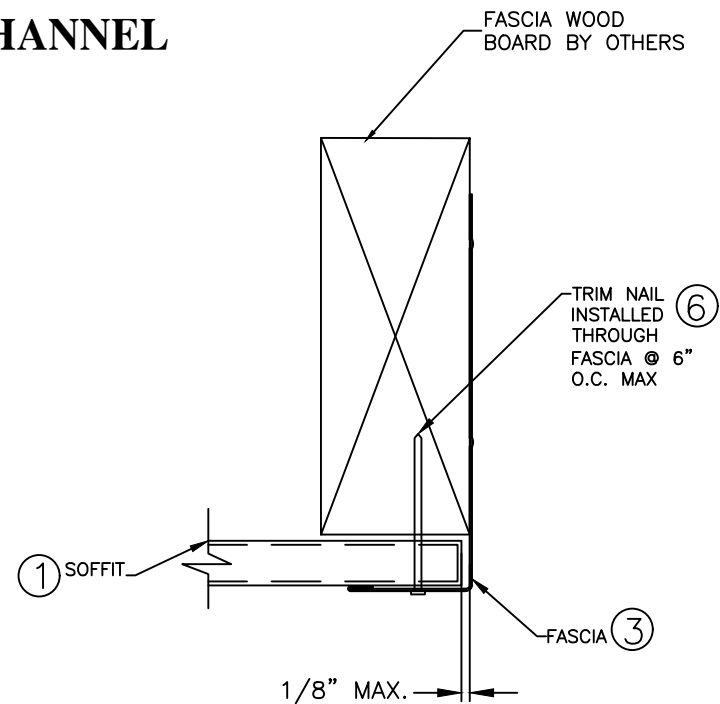
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DETAIL 3A
TERMINATIONS
J-CHANNEL



DETAIL 3B
TERMINATIONS
J-CHANNEL



DETAIL 3C
TERMINATIONS
FASCIA STRIP

- NOTES:
1. FURRING STRIP AND ANCHORAGE BY OTHERS. SIZE SHOWN RECOMMENDATION ONLY.
 2. NOTE MINIMUM SPRUCE-PINE-FIR FRAMING OR CONCRETE/MASONRY. BUILDING CODE REQUIREMENTS FOR SUBSTRATE MATERIAL MUST BE MET.

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED 12" TRIPLE 4 FULL-0-VENT ECO	11/7/24	RJA

KAYCAN LTD. 3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA VINYL SOFFIT INSTALLATION - SINGLE SPANS DETAILS 3A, 3B AND 3C			
DRAWN: RJA	DWG NO. KAY0017	PROJECT NO. ACE-2024-130	REV A
SCALE NTS	DATE 6/25/21	SHEET 5 of 8	

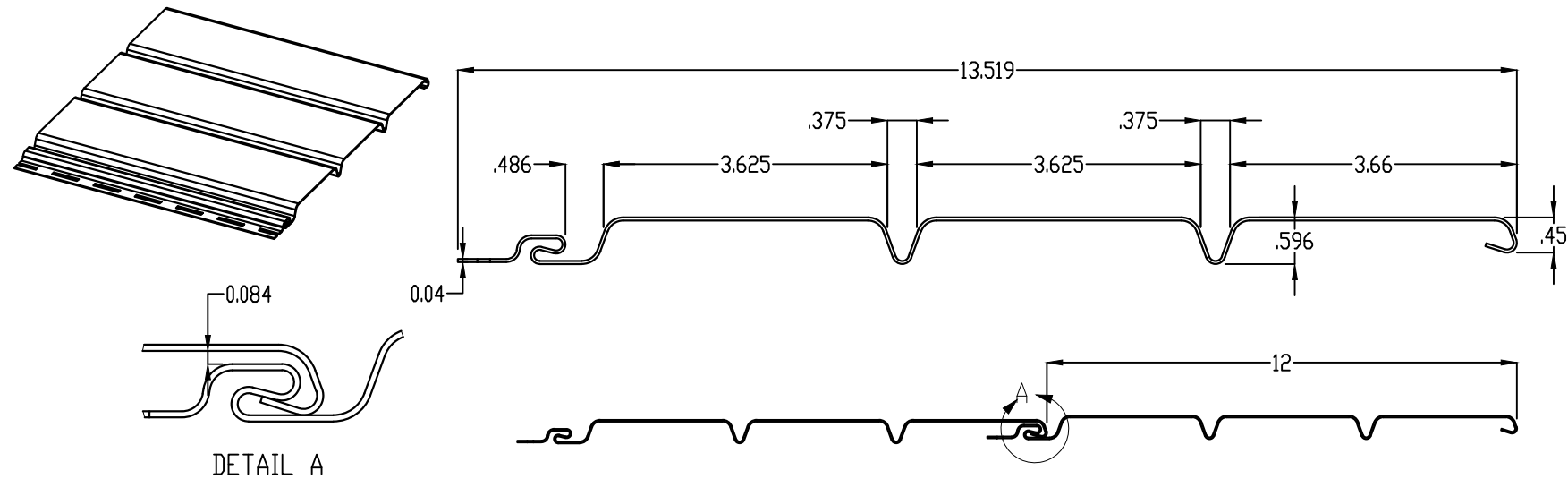
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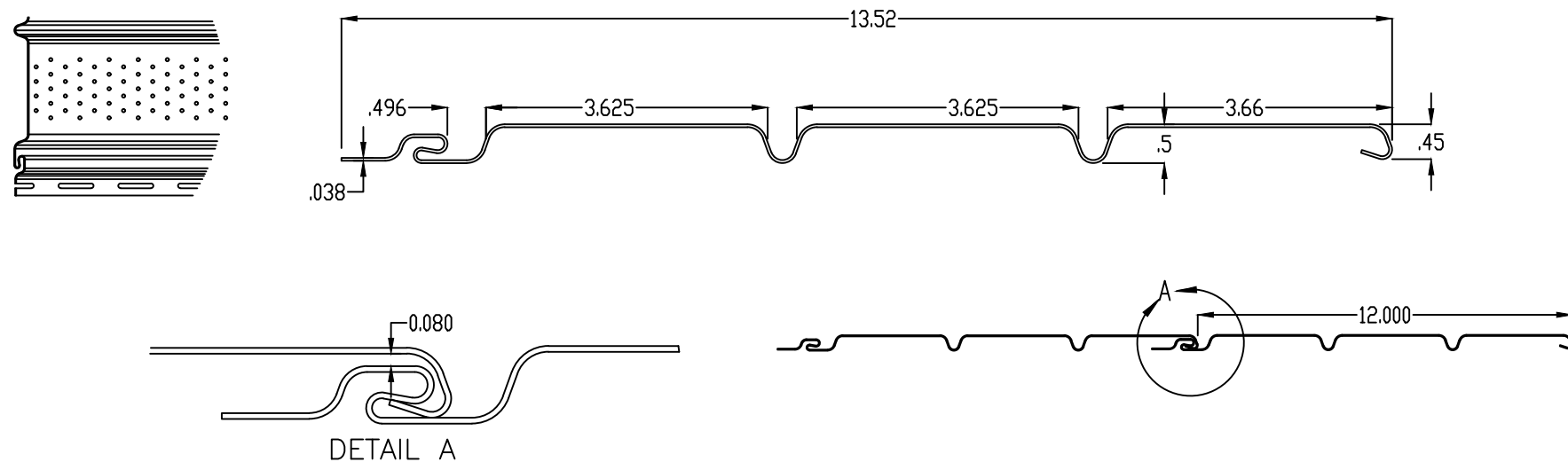


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1 12" TRIPLE 4 SOLID SOFFIT — VINYL



2 12" TRIPLE 4 FULL-O-VENT SOFFIT ECO — VINYL

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED 12" TRIPLE 4 FULL-O-VENT ECO	11/7/24	RJA

KAYCAN LTD. 3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA VINYL SOFFIT INSTALLATION - SINGLE SPANS VINYL SOFFIT PROFILES			
DRAWN: RJA	DWG NO. KAY0017	PROJECT NO. ACE-2024-130	REV A
SCALE NTS	DATE 6/25/21	SHEET 6 of 8	

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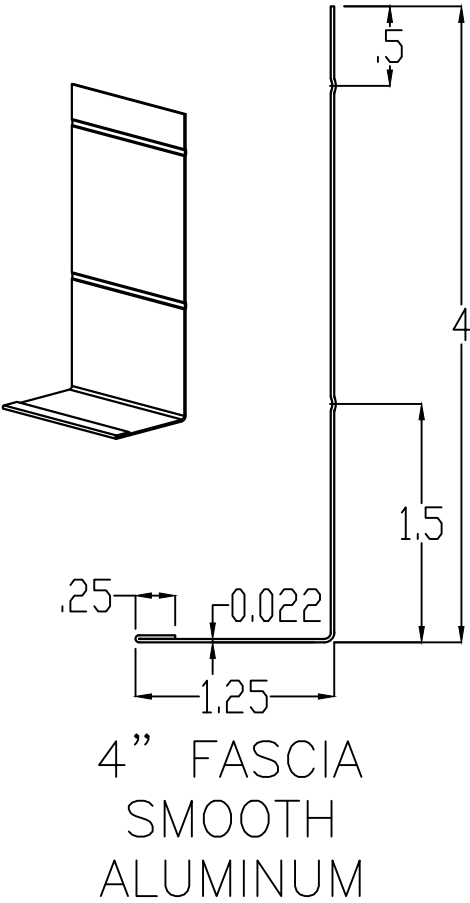
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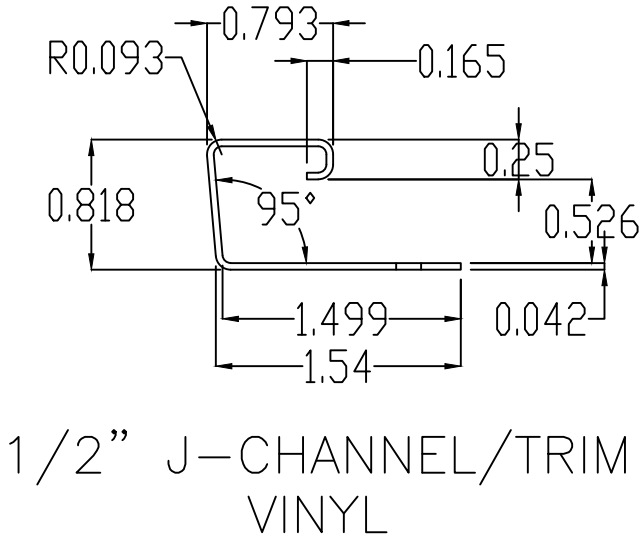
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	12" TRIPLE 4 SOLID SOFFIT (No. 623) SEE SHEET 6 FOR PROFILE	VINYL (SEE NOTE 10 ON SHEET 1)
2	12" TRIPLE 4 FULL-O-VENT SOFFIT ECO SEE SHEET 6 FOR PROFILE	
3	J-CHANNEL – SEE DRAWING	
4	FASCIA – SEE DRAWING	ALUMINUM (SEE NOTE 10 ON SHEET 1)
5	11 GA. x 1-1/2" ROOFING NAIL (1/8" SHANK, 3/8" HEAD DIAMETER)	STEEL
6	0.075" DIAMETER X 1-1/2" TRIM NAIL (3/16" HEAD)	STEEL
7	16 GA. X 7/16" WIDTH CROWN STAPLE X 1" MIN. LENGTH	STEEL
12	2" X 2" NOMINAL FURRING STRIP – SG = 0.42 MIN. (BY OTHERS. RECOMMENDATION ONLY. ALTERNATE SIZE SUPPORTING SUBSTRATE ACCEPTABLE.)	WOOD
13	1" X 2" NOMINAL FURRING STRIP – SG = 0.42 MIN. (BY OTHERS. RECOMMENDATION ONLY. ALTERNATE SIZE SUPPORTING SUBSTRATE ACCEPTABLE.)	WOOD



VINYL SOFFIT AND TRIM SCHEDULE		
VINYL SOFFIT SERIES	J-CHANNEL	FASCIA
12" TRIPLE 4 SOLID SOFFIT	1/2" J-CHANNEL VINYL	4" FASCIA ALUMINUM
12" TRIPLE 4 FULL-O-VENT ECO VENTED SOFFIT		



REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED 12" TRIPLE 4 FULL-0-VENT ECO	11/7/24	RJA

KAYCAN LTD. 3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA			
VINYL SOFFIT INSTALLATION - SINGLE SPANS CHANNEL AND FASCIA PROFILES / BOM / SOFFIT SCHEDULE			
DRAWN: RJA	DWG NO. KAY0017	PROJECT NO. ACE-2024-130	REV A
SCALE NTS	DATE 6/25/21	SHEET 7 of 8	

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SPAN LOAD TABLE

Eave Width (in)	Installation Specifics				Design Pressure (psf)	
	Soffit Description	Fastener Description		Installation Details (Sheets 3 & 4)		
	Soffit Type	Fastener Type	BOMID		+	-
10	12" Triple 4 Solid Soffit	11 GA. Roofing Nail	5	1	140.0	126.7
		7/16" Crown x 16ga Staple	7	2	140.0	176.7
	12" Triple 4 Full-O-Vent Soffit ECO	11 GA. Roofing Nail	5	1	140.0	116.7
		7/16" Crown x 16ga Staple	7	2	140.0	116.7
12	12" Triple 4 Solid Soffit	11 GA. Roofing Nail	5	1	140.0	98.9
		7/16" Crown x 16ga Staple	7	2	140.0	132.2
	12" Triple 4 Full-O-Vent Soffit ECO	11 GA. Roofing Nail	5	1	140.0	97.8
		7/16" Crown x 16ga Staple	7	2	140.0	92.2
12.75	12" Triple 4 Solid Soffit	11 GA. Roofing Nail	5	1	140.0	88.5
		7/16" Crown x 16ga Staple	7	2	140.0	115.6
	12" Triple 4 Full-O-Vent Soffit ECO	11 GA. Roofing Nail	5	1	140.0	90.7
		7/16" Crown x 16ga Staple	7	2	140.0	83.1
14	12" Triple 4 Solid Soffit	11 GA. Roofing Nail	5	1	140.0	71.1
		7/16" Crown x 16ga Staple	7	2	140.0	87.8
	12" Triple 4 Full-O-Vent Soffit ECO	11 GA. Roofing Nail	5	1	140.0	78.9
		7/16" Crown x 16ga Staple	7	2	140.0	67.8
16	12" Triple 4 Solid Soffit	11 GA. Roofing Nail	5	1	140.0	43.3
		7/16" Crown x 16ga Staple	7	2	140.0	43.3
	12" Triple 4 Full-O-Vent Soffit ECO	11 GA. Roofing Nail	5	1	140.0	60.0
		7/16" Crown x 16ga Staple	7	2	140.0	43.3

NOTE 1: DESIGN PRESSURE RATINGS SHOWN ABOVE SHALL BE COMPARED TO LOADING BASED ON Vasd BASIC WIND SPEEDS. THUS PROJECT DESIGN PRESSURES AS DETERMINED FROM ASCE 7 BASED ON Vult BASIC WIND SPEEDS ARE PERMITTED TO BE MULTIPLIED BY 0.6 PER THE CURRENT EDITION OF THE FLORIDA BUILDING CODE FOR COMPARISON TO THE DESIGN PRESSURE RATINGS ABOVE.

SPAN LOAD TABLE NOTES:

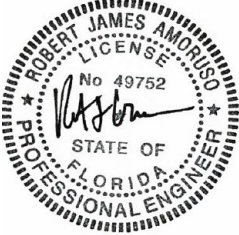
1. INSTALLATION DETAILS
- 1.1. DETAIL 1 INCLUDES DETAILS 1A THRU 1E SHOWN ON SHEET 3.
- 1.2. DETAIL 2 INCLUDES DETAILS 2A THRU 2E SHOWN ON SHEET 4.
2. FASTENER INSTALLATION SPACING
- 2.1. FASTENER SPACING SHOWN ON SHEET 2.

INSTALLATION NOTES:

1. SOFFIT INSTALLATION DETAILS
- 1.1. SEE SHEET 2 FOR INSTALLATION ELEVATION.
- 1.2. THE INSTALLATION CROSS SECTIONS SHOWN ON SHEETS 3 AND 4 SINGLE SPAN SOFFIT FOR EAVE CONSTRUCTION OF TRUSS/WOOD FRAMING IN EITHER CANTILEVER OR OVERHANG CONFIGURATIONS. HOWEVER, THIS DOES NOT LIMIT SOFFIT INSTALLATION TO THESE CONFIGURATIONS ONLY AS LONG AS MINIMUM FASTENER REQUIREMENTS AND SPAN LIMITS ARE MAINTAINED. THE INSTALLATION FASTENING IS BROKEN DOWN AS FOLLOWS.
- 1.2.1. DETAIL 1A THRU 1E USING 11 GA. ROOFING NAIL (Item 5) AND INSTALLED PER ELEVATION ON SHEET 2.
- 1.2.2. DETAIL 2A THRU 2E USING 16 GA. STAPLE (Item 7) AND INSTALLED PER ELEVATION ON SHEET 2.
- 1.2.3. DETAIL 3A THRU 3C IS USED FOR SOFFIT END TERMINATIONS.
2. SPAN LOADING CAPACITIES
- 2.1. SEE TABLE ON THIS SHEET FOR SPANS OF 10", 12", 12.75", 14" AND 16".
- 2.2. SPAN (EAVE WIDTH) DESIGN PRESSURE LOADINGS IN PSF.
3. INSTALLATION FASTENERS
- 3.1. FASTENERS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE. SEE FASTENER SCHEDULE TABLE ON SHEET 1.
- 3.2. MINIMUM EMBEDMENT EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING). EDGE DISTANCES SHALL BE SUCH TO PREVENTIVE CRACKING OF SUBSTRATE MATERIAL.
- 3.3. FASTENER LENGTHS SHOWN IN THE INSTALLATION DETAILS DO NOT TAKE INTO ACCOUNT WALL FINISHES. WALL FINISH THICKNESS SHALL BE ADDED TO THE REQUIRED FASTENER LENGTHS. SEE FASTENER SCHEDULE TABLE ON THIS SHEET.
- 3.4. VINYL SIDING, J-CHANNEL OR FASCIA THICKNESS NOT INCLUDED IN WALL FINISHING THICKNESS.
- 3.5. ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.

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KAYCAN LTD.
3075 TRANS-CANADA HWY
POINTE-CLAIRE, QC, H9R 1B4, CANADA

VINYL SOFFIT INSTALLATION - SINGLE SPANS
SOFFIT LOAD SPANS AND INSTALLATION
DETAILS

DRAWN: RJA
DWG NO. KAY0017
PROJECT NO. ACE-2024-130
REV A

SCALE NTS
DATE 6/25/21
SHEET 8 of 8

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED 12" TRIPLE 4 FULL-O-VENT ECO	11/7/24	RJA