

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", 12.75", 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, REPORT NO. 3080.01-106-11, DATED 8/19/21.

3.1. INSTALLATION METHODS (INCLUDING F-CHANNEL) DEPICTED IN THIS DRAWING WERE TESTED AND VERIFIED IN REPORT NO. 3080.01-106-11.
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 SHOWN BELOW.

9.1. NET FREE AREA = 21.8 SQ. IN./LINEAL FT.

9.2. NET FREE AREA = 17.3 SQ. IN./SQ. FT.
10. MATERIALS:

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

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5	CHANNEL AND FASCIA PROFILES / BOM / SOFFIT SCHEDULE

INSTALLATION NOTES:

1. EAVE WIDTHS (SPANS)

1.1. THE INSTALLATION CROSS SECTIONS SHOWN ON SHEET 3 DEPICT SINGLE SPANS 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.

1.2. SEE TABLE ON THIS SHEET FOR SPANS OF 10", 12", 12.75", 14" AND 16".
2. INSTALLATION FASTENERS

2.1. FASTENERS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE. SEE FASTENER SCHEDULE TABLE ON THIS SHEET.

2.2. 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.

2.3. 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. 2X2 NOMINAL BATTEN INSTALLATION TO SUPPORTING SUBSTRATE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
4. ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.
5. SEE INSTALLATION MOUNTING DETAILS AND ILLUSTRATIVE INSTALLATIONS ON SHEETS 2 AND 3.

Design Pressure (psf) at Various Single Span Lengths			
Single Span Length "L" (in)	Installation Details A thru D	Positive (psf)	Negative (psf)
10	A & B	136.7	-100
	B & C or D	136.7	-86.7
12	A & B	136.7	-87.8
	B & C or D	136.7	-74.4
12.75	A & B	136.7	-83.2
	B & C or D	136.7	-76
14	A & B	136.7	-75.6
	B & C or D	136.7	-71.1
16	A & B	136.7	-63.3
	B & C or D	136.7	-63.3

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	UPDATED TO 2023 FBC	2/1/24	RJA
B	CORRECT ERROR IN FASTENER SCHEDULE	12/12/24	RJA

KAYCAN LTD.

SP-600 ALUMINUM SOFFIT - VENTED WITH SINGLE SPANS
INSTALLATION ANCHORAGE DETAILS

FASTENER SCHEDULE			
FASTENER DESCRIPTION	SUBSTRATE	MIN. EMBEDMENT (SEE NOTE 1)	EDGE DISTANCE
14 GA DIAMETER x 5/8” LONG T-NAIL	CONCRETE, MASONRY, WOOD	5/8”	1/4”
0.075” DIA. X 1–1/2” TRIM NAIL (3/16” DIA. HEAD)	WOOD	1–1/8”	1/4”
#8 x 3” FH WOOD SCREW OR #8 x 3” FH TAPPING SCREW.	WOOD	1–1/2”	5/8”
3/16” ITW TAPCON CONCRETE SCREW	CONCRETE OR MASONRY	1”	1–1/8”
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.			

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

SP-600 ALUMINUM SOFFIT - VENTED WITH SINGLE SPANS
GENERAL NOTES AND PERFORMANCE RATINGS

DRAWN: RJA

DWG NO. KAY5017

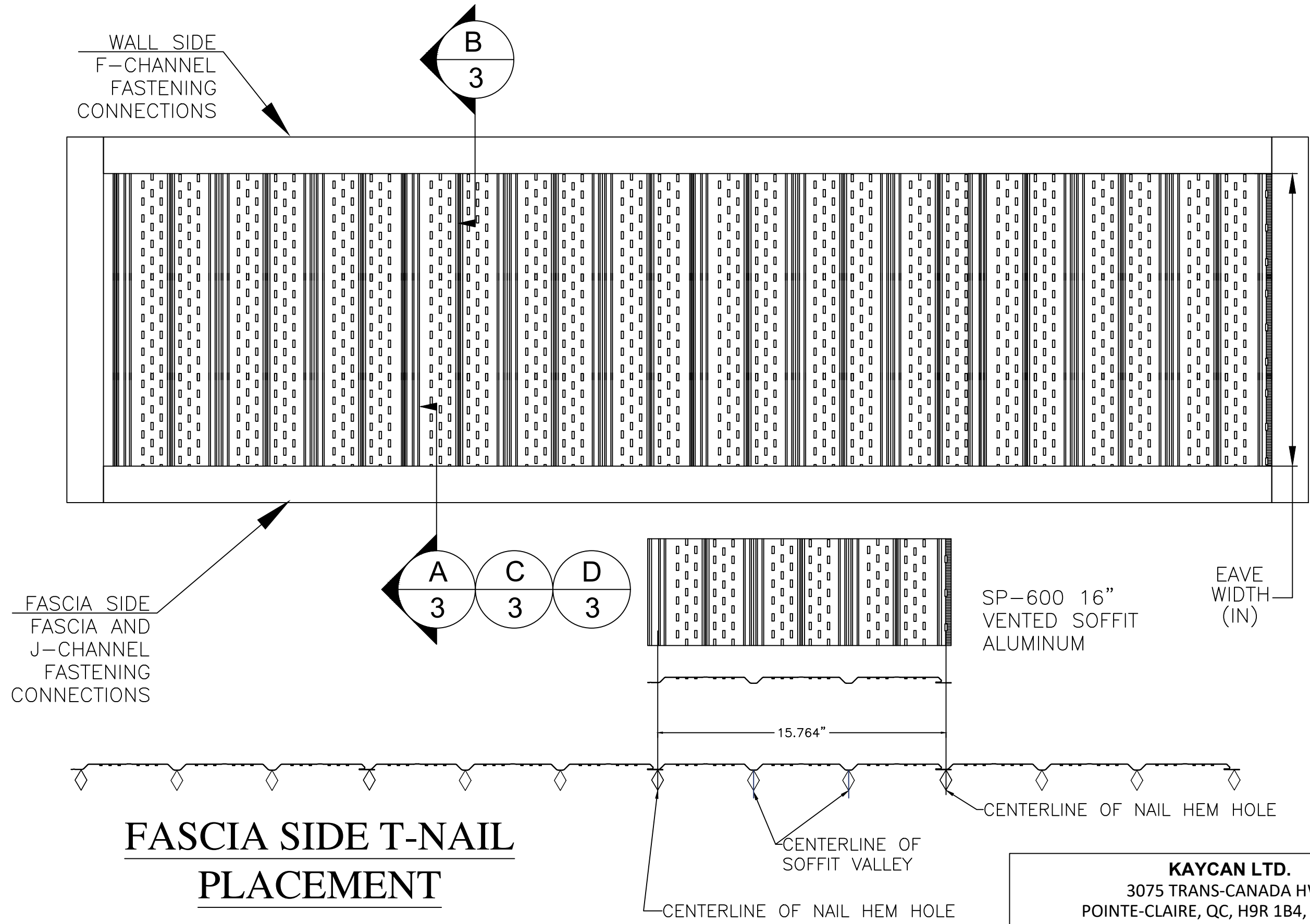
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REV B

SCALE NTS

DATE 02/01/2024

SHEET 1 of 5



FASCIA SIDE T-NAIL
PLACEMENT

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SP-600 ALUMINUM SOFFIT - VENTED WITH SINGLE SPANS
INSTALLATION DETAILS & PLAN AND
ELEVATION VIEWS

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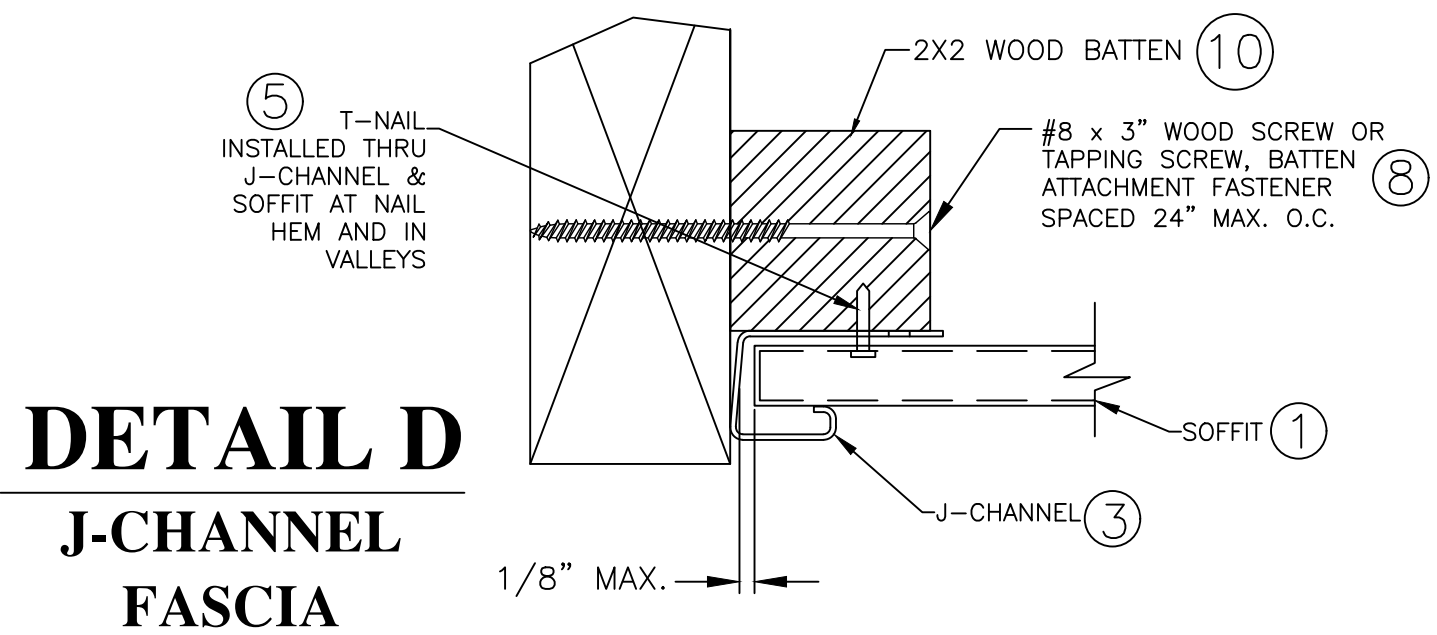
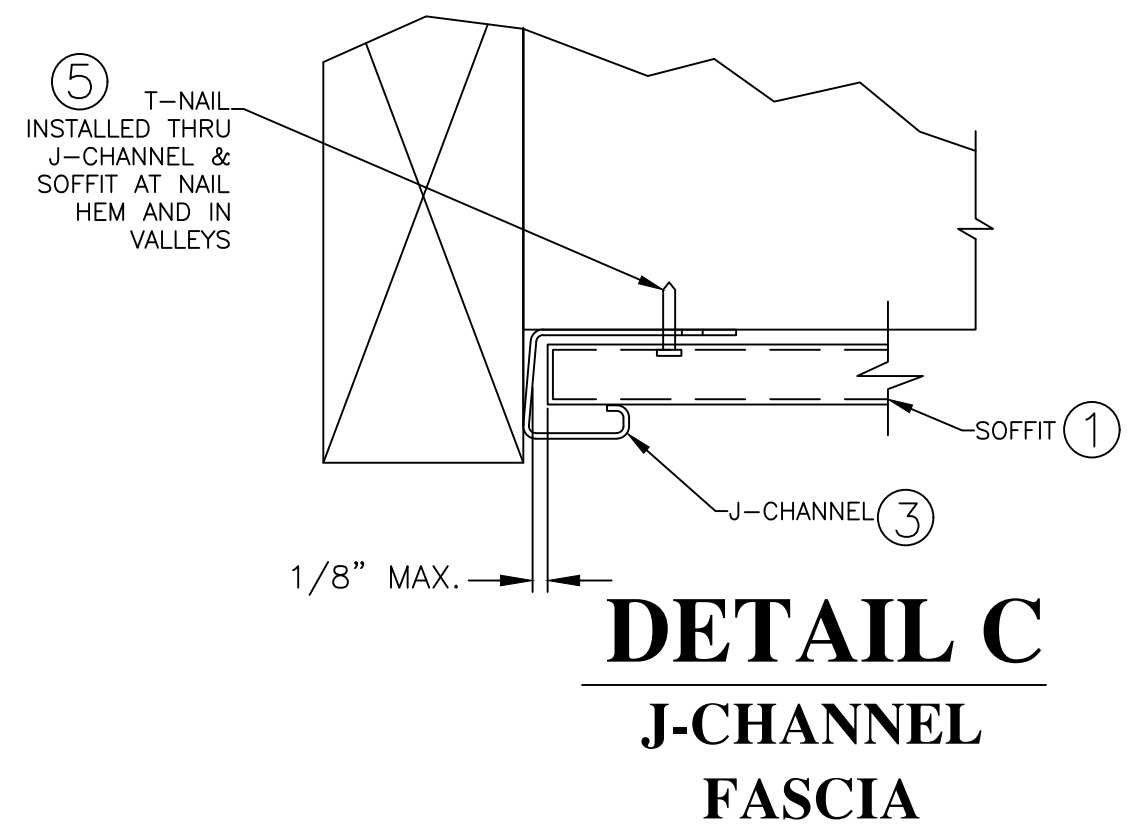
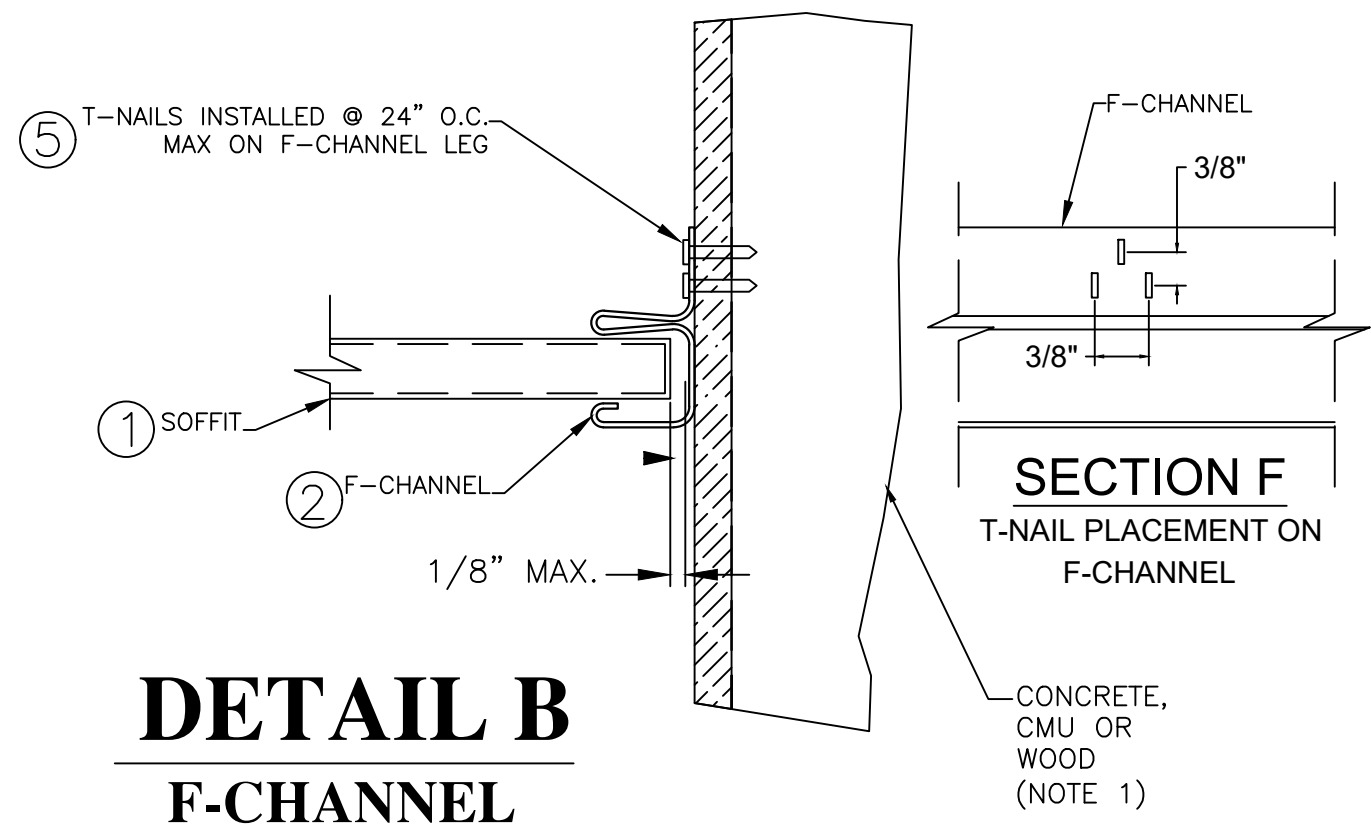
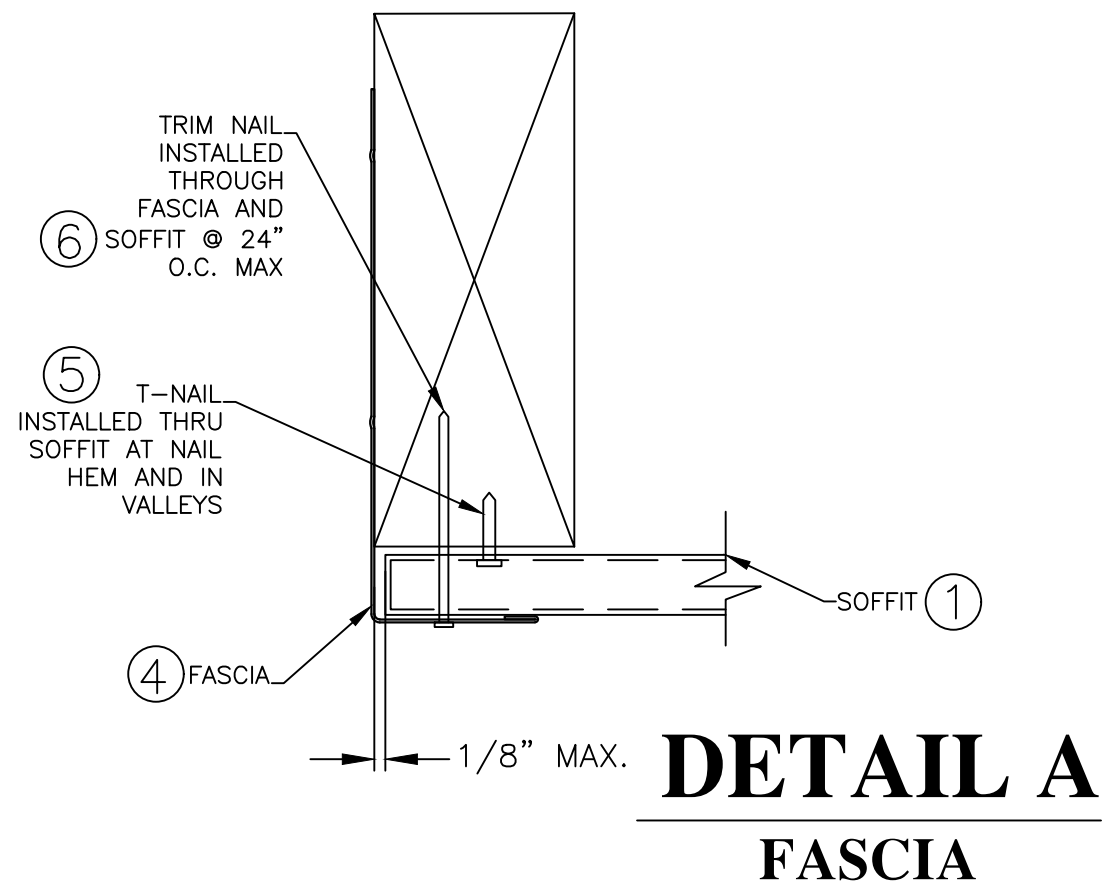
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NOTE 1: MINIMUM SPRUCE-PINE-FIR
FRAMING @ 24" O.C. OR
CONCRETE/MASONRY. BUILDING CODE
REQUIREMENTS FOR SUBSTRATE MATERIAL
MUST BE MET.

REVISIONS			
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KAYCAN LTD. 3075 TRANS-CANADA HWY POINTE-CLAIRE, QC, H9R 1B4, CANADA			
SP-600 ALUMINUM SOFFIT - VENTED WITH SINGLE SPANS INSTALLATION DETAILS A THROUGH D			
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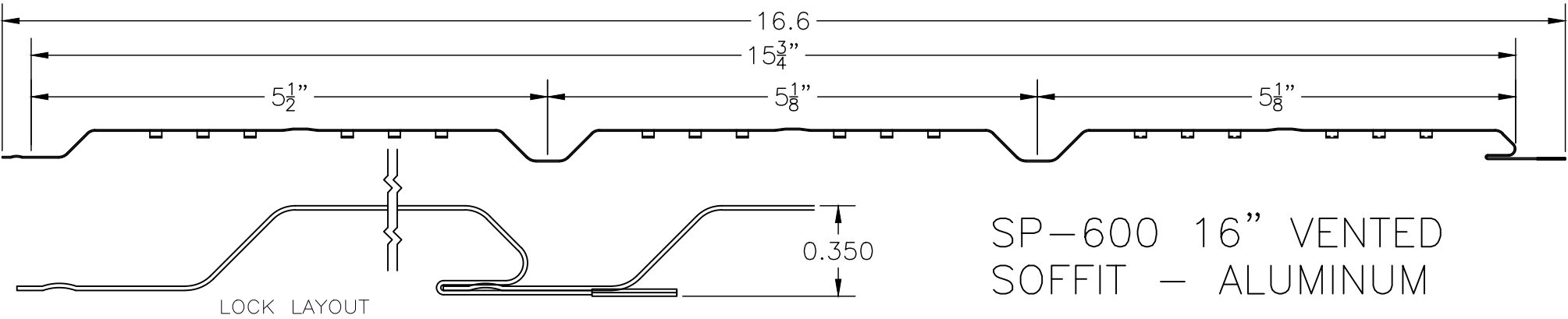
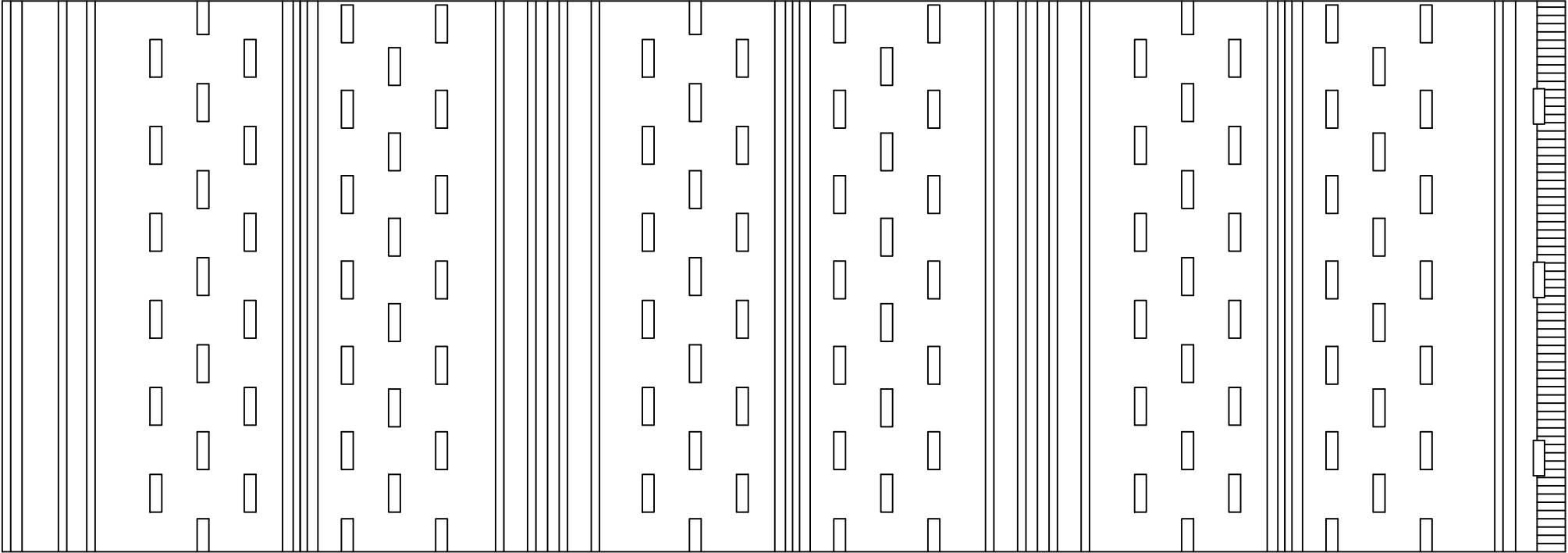
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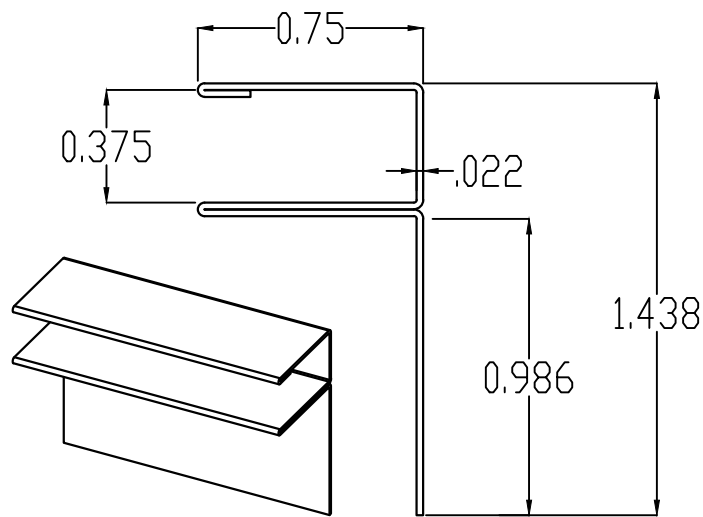
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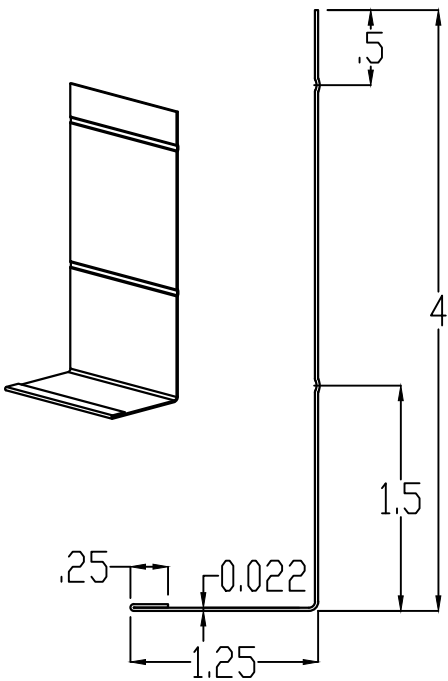
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SP-600 ALUMINUM SOFFIT - VENTED WITH SINGLE SPANS
SOFFIT PROFILES

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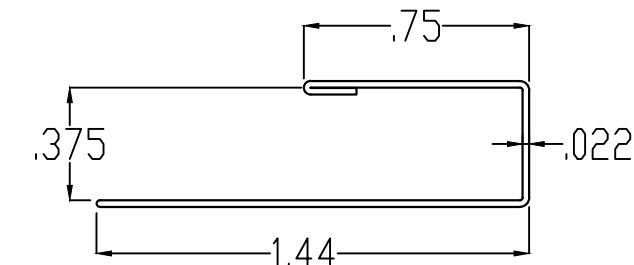
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SCALE NTS	DATE 02/01/2024	SHEET 4 of 5	



3/8" F-CHANNEL/TRIM
ALUMINUM



4" FASCIA
SMOOTH
ALUMINUM



3/8" J-CHANNEL/TRIM
ALUMINUM

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	SOFFIT – SEE SCHEDULE ON SHEET 1 AND DRAWING ON SHEET 4	ALUMINUM (SEE NOTE 10 ON SHEET 1)
2	F-CHANNEL – SEE DRAWING ON SHEET 5	
3	J-CHANNEL – SEE DRAWING ON SHEET 5	
4	FASCIA – SEE DRAWING ON SHEET 5	ALUMINUM (SEE NOTE 10 ON SHEET 1)
5	14 GA. x 5/8" LONG T-NAIL	STEEL
6	0.075" DIA. X 1-1/2" TRIM NAIL (3/16" DIA. HEAD)	STEEL
7	NOT USED	
8	#8 x 3" FH WOOD SCREW OR #8 x 3" FH TAPPING SCREW. USED TO ATTACH BATTEN TO WOOD STRUCTURE.	STEEL
9	3/16" ITW TAPCON CONCRETE SCREW, MIN. 1" EMBEDMENT	STEEL
10	2" X 2" NOMINAL WOOD BATTEN – SG = 0.42 MIN.	WOOD

ALUMINUM SOFFIT AND TRIM SCHEDULE

ALUMINUM SOFFIT SERIES	J-CHANNEL	F-CHANNEL	FASCIA
16" SP-600 VENTED SOFFIT	3/8" J-CHANNEL ALUMINUM	3/8" F-CHANNEL ALUMINUM	4" FASCIA ALUMINUM

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CHANNEL AND FASCIA PROFILES / BOM
SOFFIT SCHEDULE

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