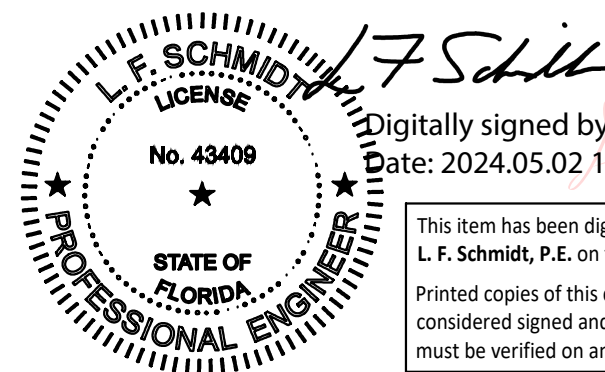




This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

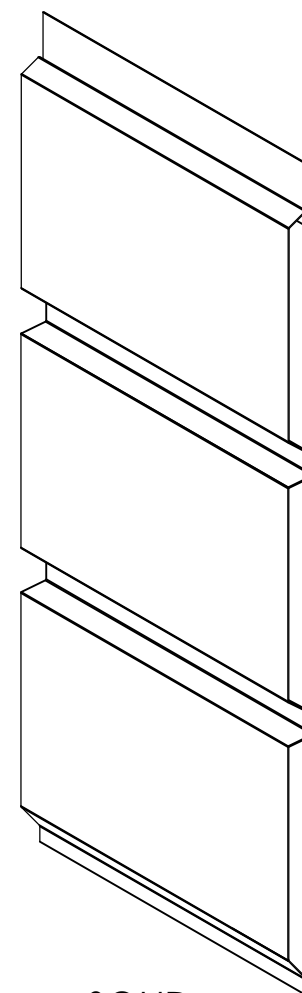
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33
Phone No.: 813.659.9197
FBPE Registry No. 9813

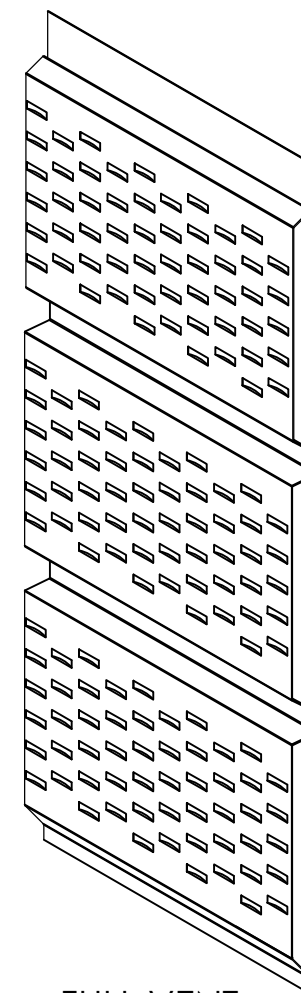
ALUMINUM "FLAT V GROOVE" SOFFIT

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. Site conditions not covered by this drawing are subject to further engineering analysis.
4. Wood/CMU wall construction, by others, must be designed properly to receive loads from the soffit and/or 2" x 2" batten strips.
5. Aluminum soffits shall conform to the specification and labelling requirements of FBC Section 1709.10.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations & general notes
2	Panel details & bill of materials
3	Soffit details & design pressures (12" Span)
4	Soffit details & design pressures (16" Span)
5	Soffit details & design pressures (24" Span)



SOLID



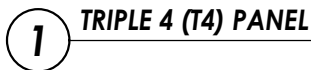
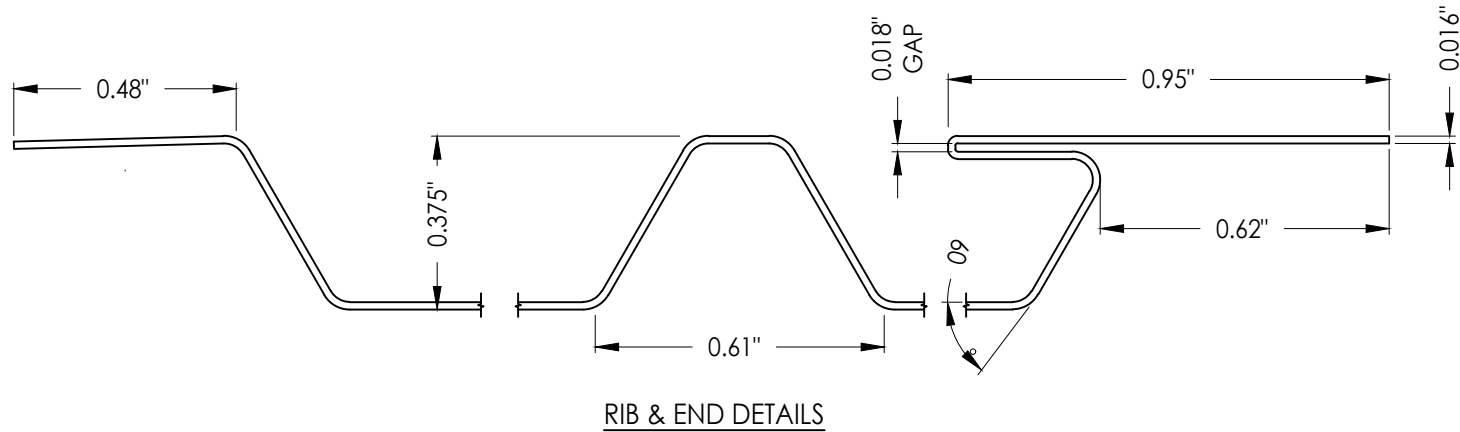
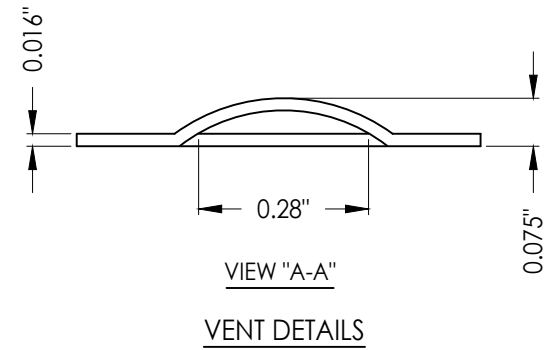
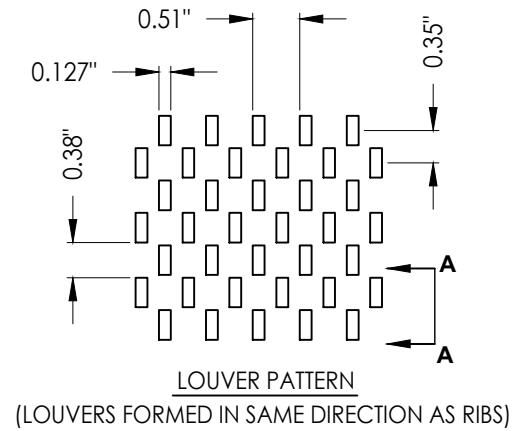
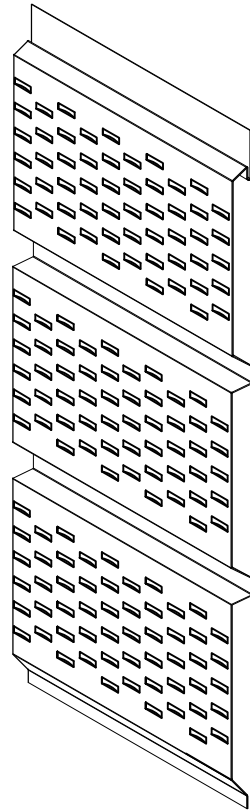
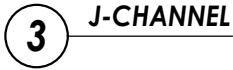
FULL VENT

TRIPLE 4 (T4)
(0.016" THICK)

PRODUCT:				ALUMINUM SOFFIT				PART OR ASSEMBLY:				TYPICAL ELEVATIONS & GENERAL NOTES			
						</									

SOFFIT AIR FLOW TABLE			
SOFFIT TYPE	AIR FLOW		
TRIPLE 4 (T4)	FREE FLOW AREA (in ² /ft ²)	FREE FLOW AREA (in ² /linear ft)	% FREE FLOW AREA
FULL VENT PATTERN	7.41	7.41 *	5.15 %

* FREE FLOW AREA IS PER LINEAR FOOT OF OVERHANG
(SPAN "A" ON SHEETS 3, 4 & 5) PER PANEL



BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
C	1-1/2" X 1-1/2" NAILING STRIP (G >= 0.42)	WOOD
1	TRIPLE 4 (T4) ALUMINUM SOFFIT (AA 3000-H29 SERIES)	ALUM
3	J-CHANNEL ALUMINUM (AA 3000-H29 SERIES)	ALUM
4	1/4" CROWN X 18 GA. STAPLE (7/8" MIN. EMBEDMENT)	STEEL

[illegible]



REFER TO STAPLE INSTALLATION BELOW



1. WOOD FRAMING, NAILING STRIPS AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
2. STAPELS (1/4" CROWN X 18 GA.) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 7/8" INTO SUPPORT FRAMING.

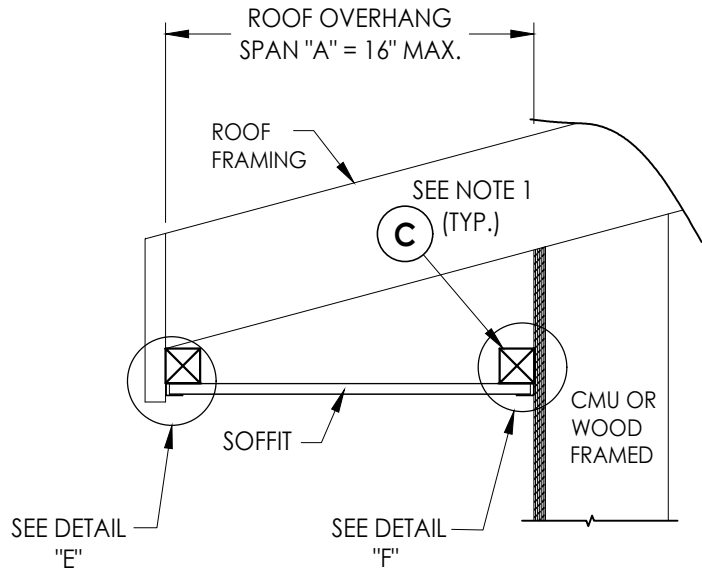
DATE:	4/22/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46697.1
SHEET	3 OF 5

Documents Prepared By:
Lyndon F. Schmidt
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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Z:\2023 FBC Drawings\Associated Materials, Inc\FL-46697\FL-46697.1.dwg

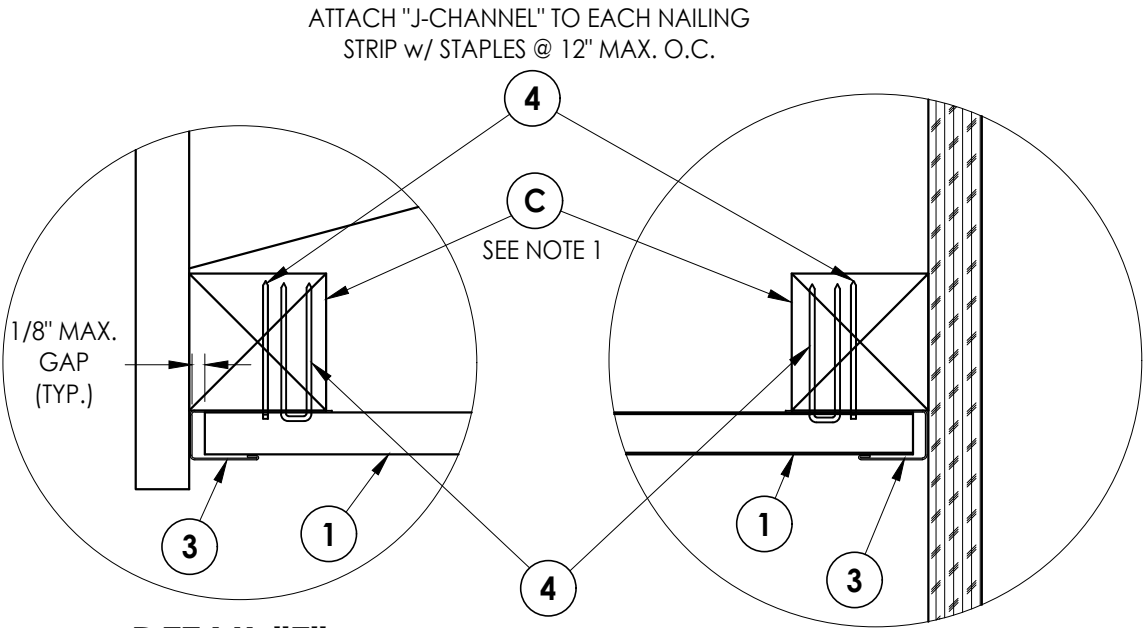


SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

(Shown w/ truss/framing overhang)

TRIPLE 4 (T4) SOFFIT 16" MAX. SINGLE SPAN LENGTH	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
SOLID SOFFIT	+50	-50
FULL VENT SOFFIT	+50	-50

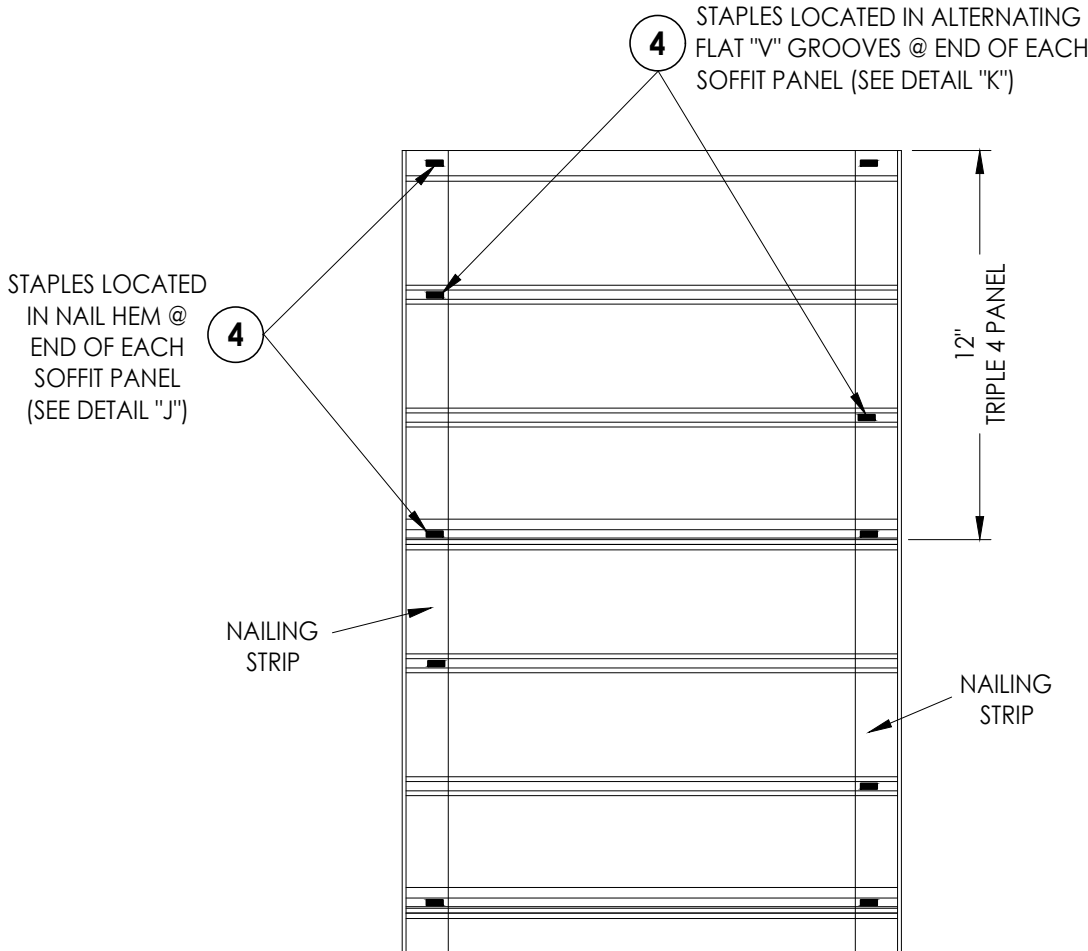
REFER TO STAPLE INSTALLATION BELOW



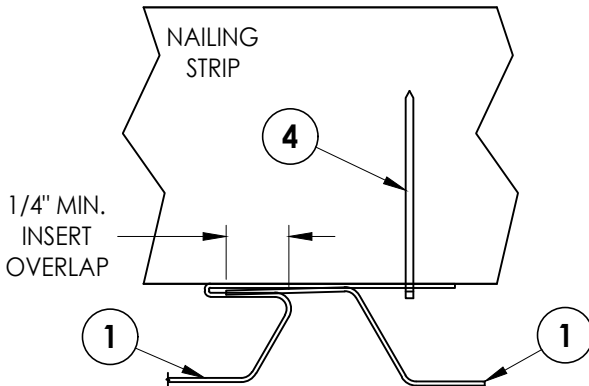
DETAIL "E"

ATTACH SOFFIT TO NAILING STRIPS
w/ STAPLES @ HEM PANEL AND
ALTERNATING FLAT "V" GROOVES
(SEE DETAIL "J" & "K")

DETAIL "F"

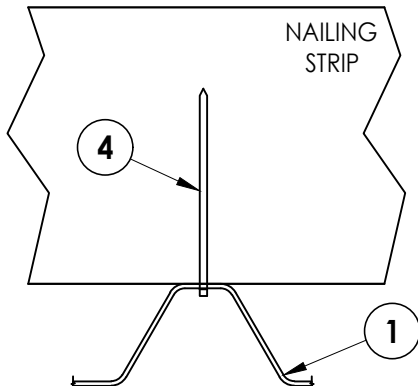


16" MAX. SINGLE SPAN
(J-CHANNEL NOT SHOWN)



DETAIL "J"

STAPLE @ HEM



DETAIL "K"

STAPLE @ FLAT "V" GROOVE

- NOTES:
- WOOD FRAMING, NAILING STRIPS AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 - STAPELS (1/4" CROWN X 18 GA.) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 7/8" INTO SUPPORT FRAMING.

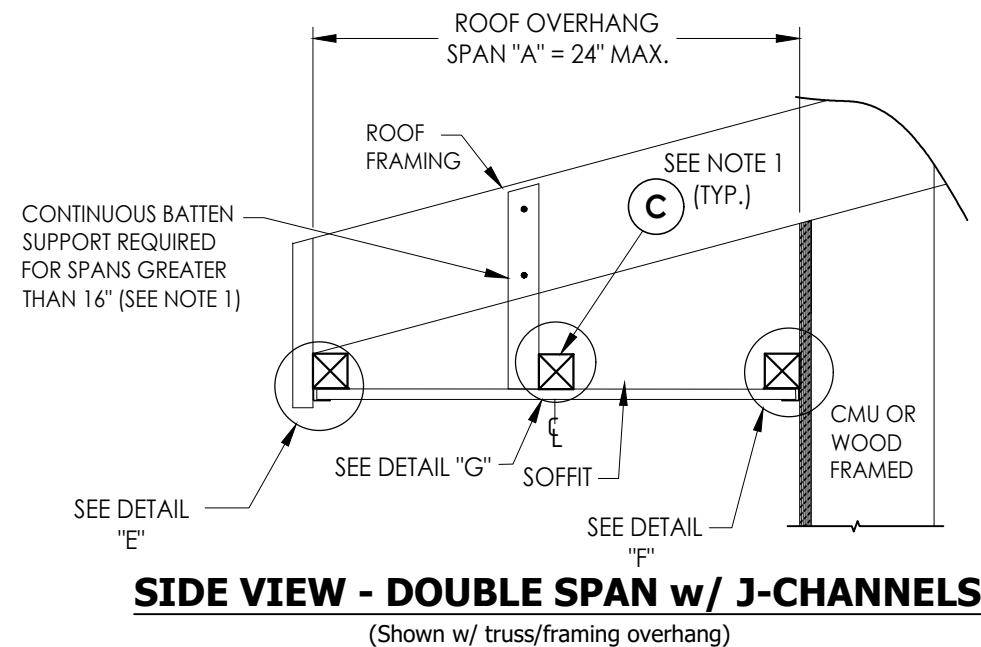
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	VINYL SOFFIT
	PART OR ASSEMBLY:
BY	SOFFIT DETAILS & DESIGN PRESSURES
	REVISIONS

NO.	DATE	BY

DATE:	4/22/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46697.1
SHEET	4 OF 5

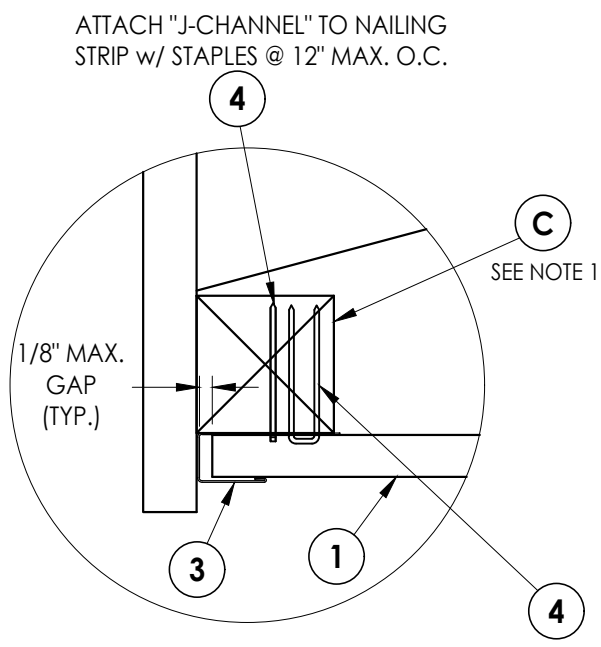
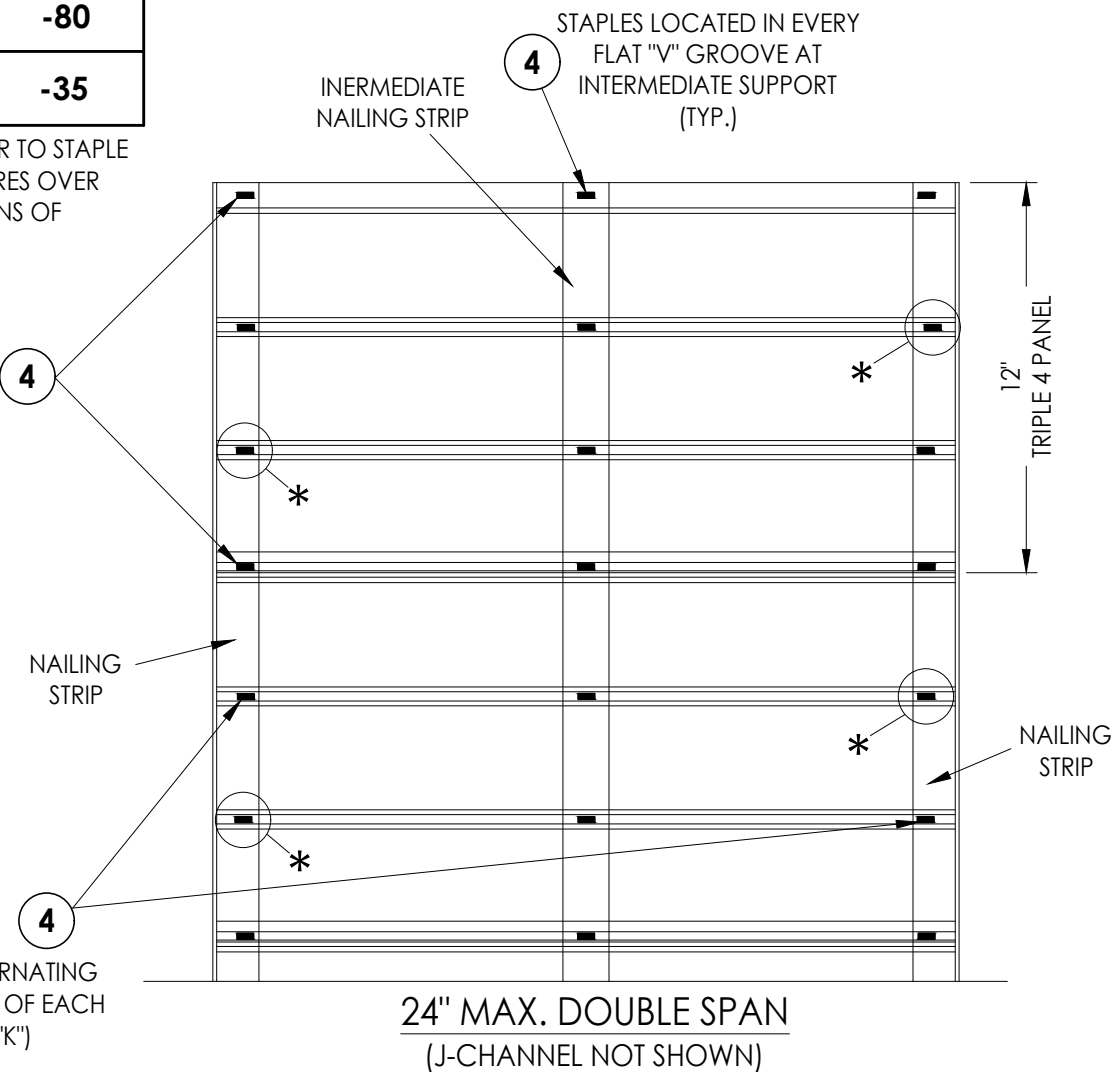


TRIPLE 4 (T4) SOFFIT 24" MAX. DOUBLE SPAN LENGTH	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
SOLID SOFFIT	+80	-80
FULL VENT SOFFIT	+35	-35

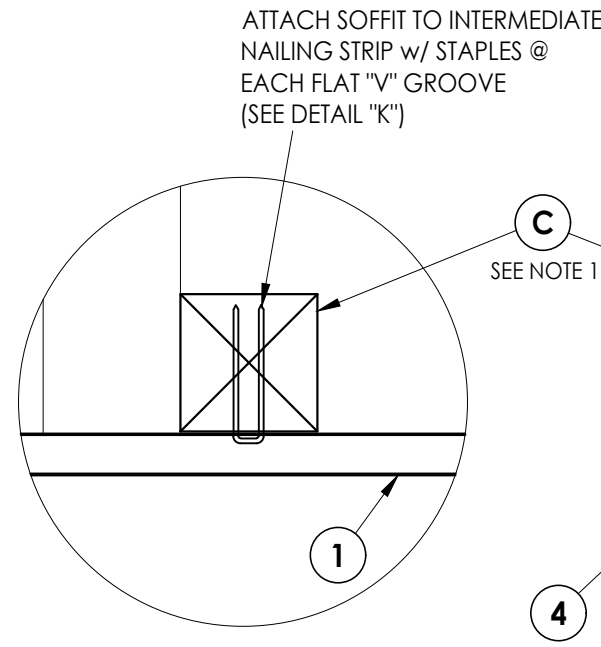
FOR DESIGN PRESSURES UP TO ±35 PSF REFER TO STAPLE INSTALLATION BELOW. FOR DESIGN PRESSURES OVER 35 PSF INSTALL STAPLES AT ALL INTERSECTIONS OF SOFFIT AND NAILING STRIPS.

STAPLES LOCATED IN NAIL HEM @ END OF EACH SOFFIT PANEL (TYP.) (SEE DETAIL "J")

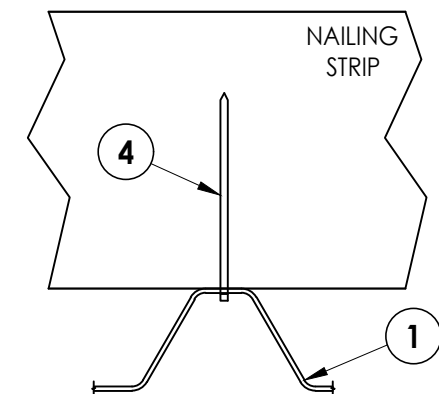
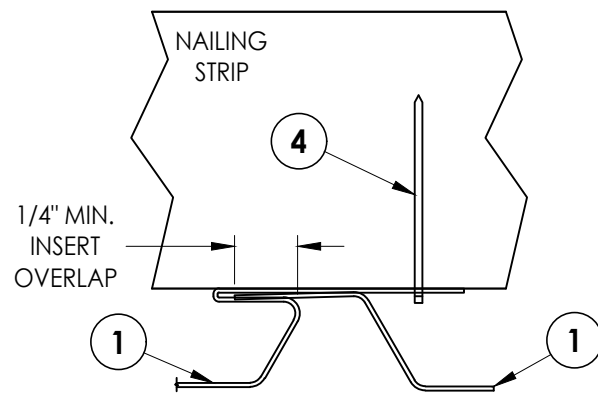
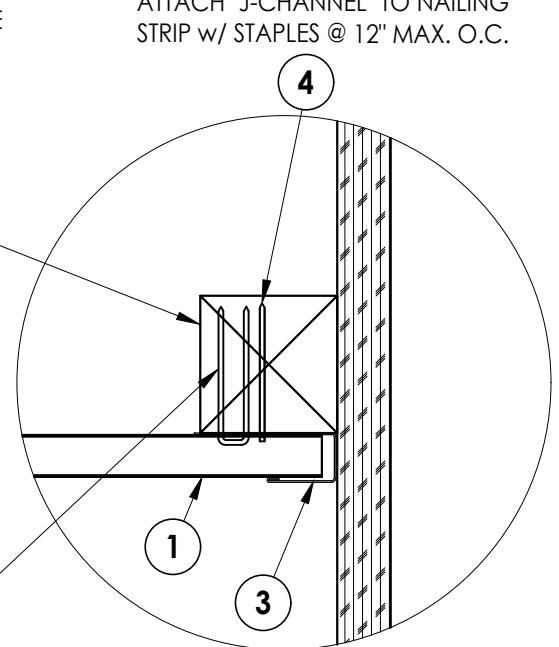
* ADDITIONAL STAPLES ADDED FOR DESIGN PRESSURES OVER 35 PSF.



ATTACH SOFFIT TO NAILING STRIPS w/ STAPLES @ HEM PANEL AND ALTERNATING FLAT "V" GROOVES (SEE DETAIL "J" & "K")



ATTACH SOFFIT TO NAILING STRIPS w/ STAPLES @ HEM PANEL AND ALTERNATING FLAT "V" GROOVES (SEE DETAIL "J" & "K")



NOTES:

- WOOD FRAMING, NAILING STRIPS AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
- STAPLES (1/4" CROWN X 18 GA.) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 7/8" INTO SUPPORT FRAMING.

Documents Prepared By:
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P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: VINYL SOFFIT
PART OR ASSEMBLY: SOFFIT DETAILS & DESIGN PRESSURES

NO.	DATE	BY

DATE: 4/22/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46697.1
SHEET 5 OF 5