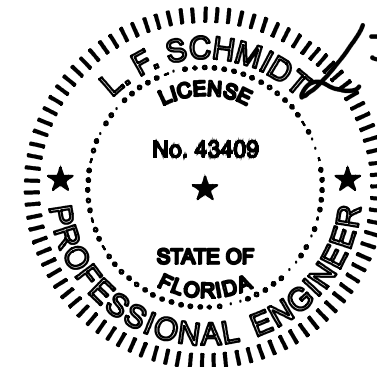


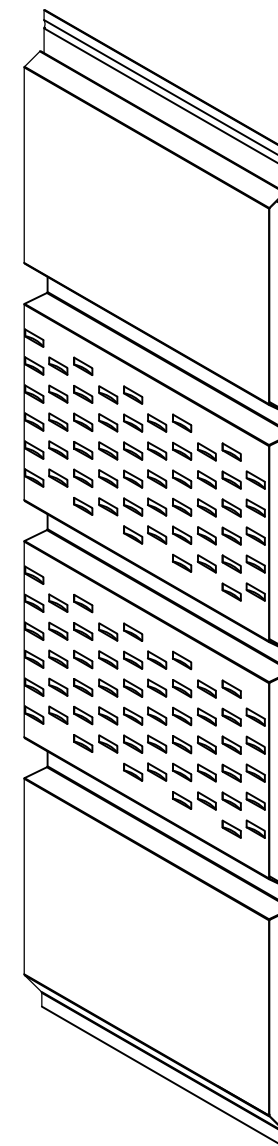


This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

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

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

SOLID



CENTER VENT

QUAD 4 (Q4)
(0.016" THICK)

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.

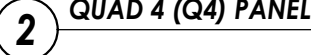
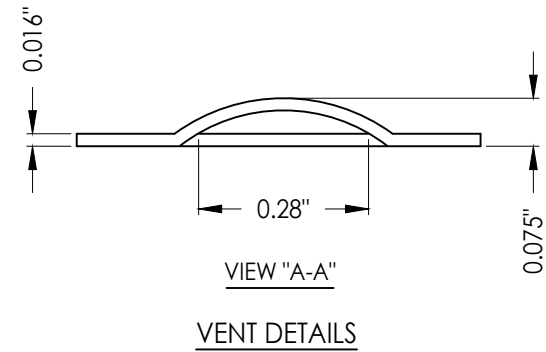
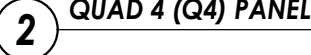
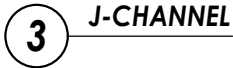
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations & general notes
2	Panel details & bill of materials
3	Soffit details & design pressures (12" Span)
4	Soffit details & design pressures (16" Span)
5	Soffit details & design pressures (24" Span)

[illegible]

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SOFFIT AIR FLOW TABLE			
SOFFIT TYPE	AIR FLOW		
QUAD 4 (Q4)	FREE FLOW AREA (in ² /ft ²)	FREE FLOW AREA (in ² /linear ft)	% FREE FLOW AREA
CENTER VENT PATTERN	4.94	6.57 *	3.42 %

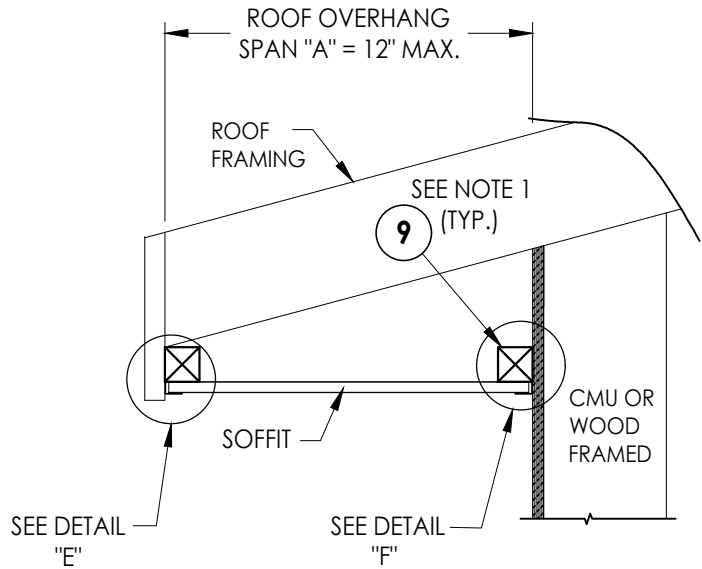
* FREE FLOW AREA IS PER LINEAR FOOT OF OVERHANG
(SPAN "A" ON SHEETS 3, 4 & 5) PER PANEL



BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
C	1-1/2" X 1-1/2" NAILING STRIP (G >= 0.42)	WOOD
2	QUAD 4 (Q4) 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]

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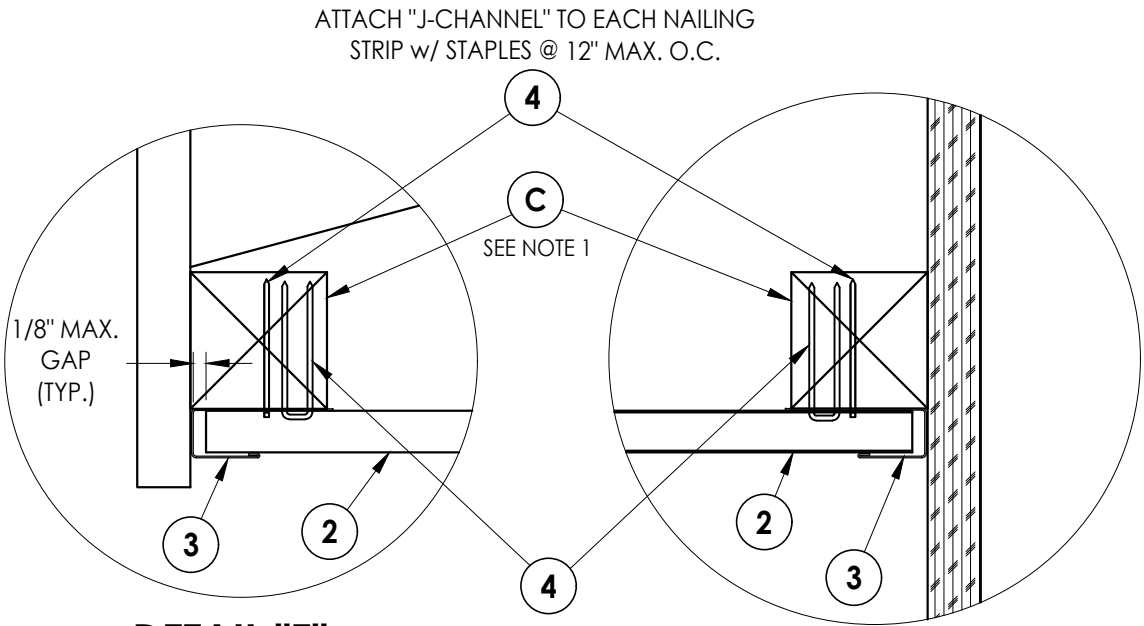


SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

(Shown w/ truss/framing overhang)

QUAD 4 (Q4) SOFFIT 12" MAX. SINGLE SPAN LENGTH	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
SOLID SOFFIT	+60	-60
CENTER VENT SOFFIT	+80	-80

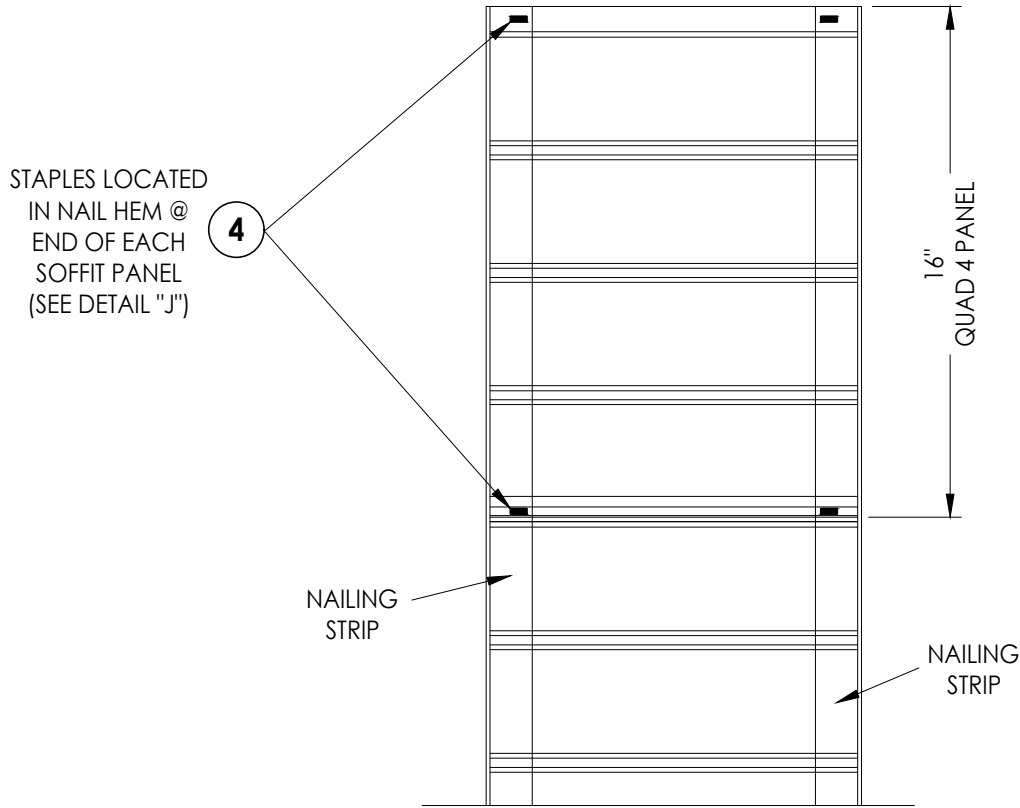
REFER TO STAPLE INSTALLATION BELOW



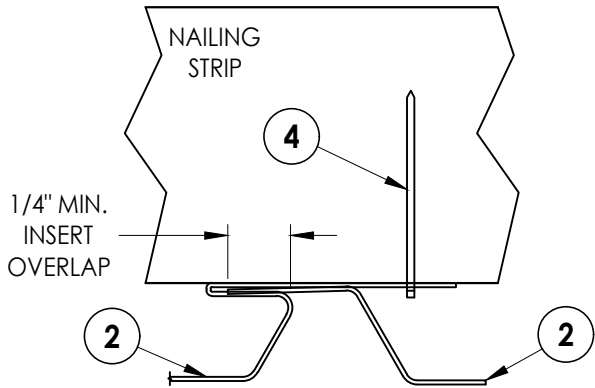
DETAIL "E"

ATTACH SOFFIT TO NAILING STRIP w/ STAPLES @ HEM PANEL (SEE DETAIL "J")

DETAIL "F"



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

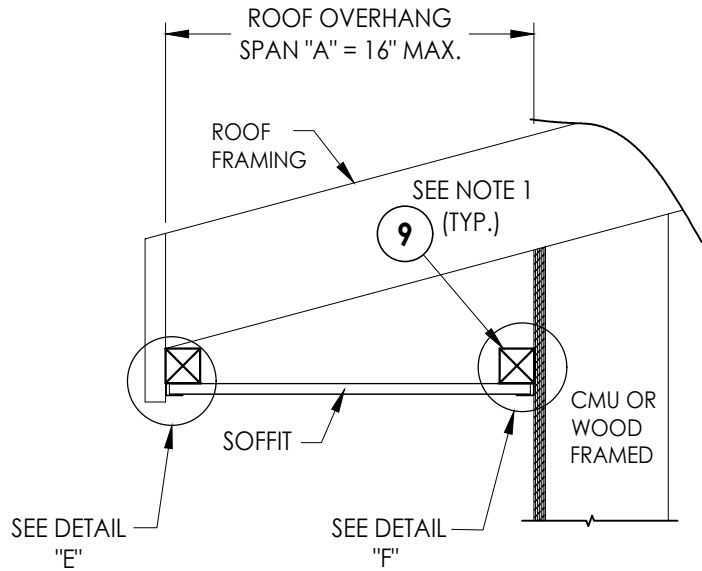


DETAIL "J"
STAPLE @ HEM

- NOTES:
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.

PRODUCT: VINYL SOFFIT		PART OR ASSEMBLY: SOFFIT DETAILS & DESIGN PRESSURES	
DATE: 4/22/24	SCALE: N.T.S.	DWG. BY: LFS	CHK. BY: RW
DRAWING NO.: FL-46697.3		SHEET 3 OF 5	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	

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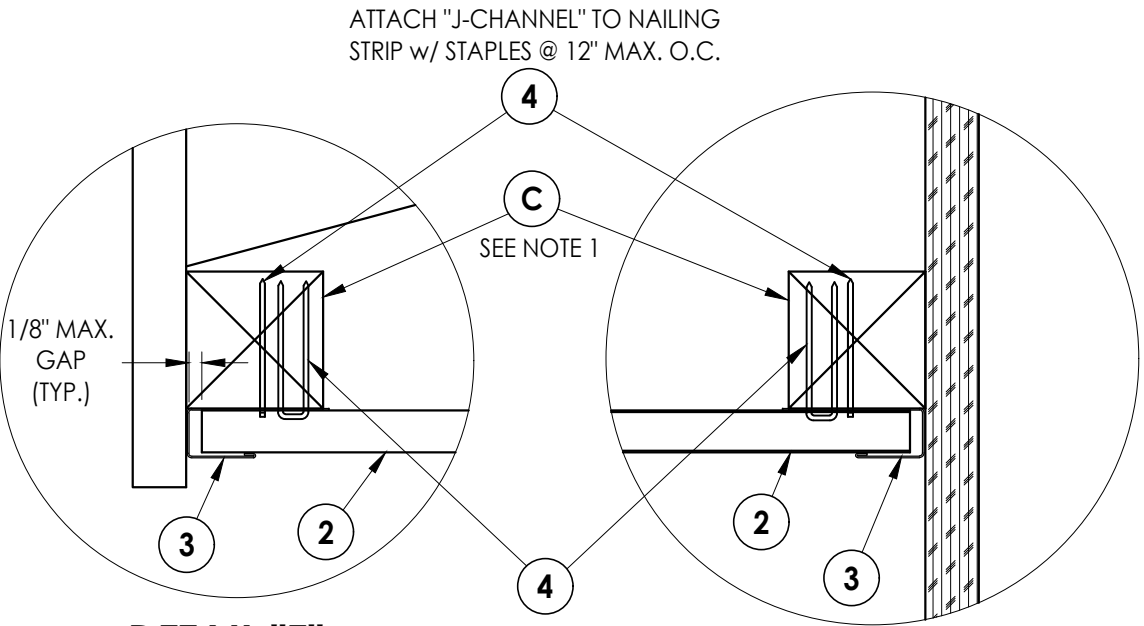


SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

(Shown w/ truss/framing overhang)

QUAD 4 (Q4) SOFFIT 16" MAX. SINGLE SPAN LENGTH	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
SOLID SOFFIT	+40	-40
CENTER VENT SOFFIT	+50	-50

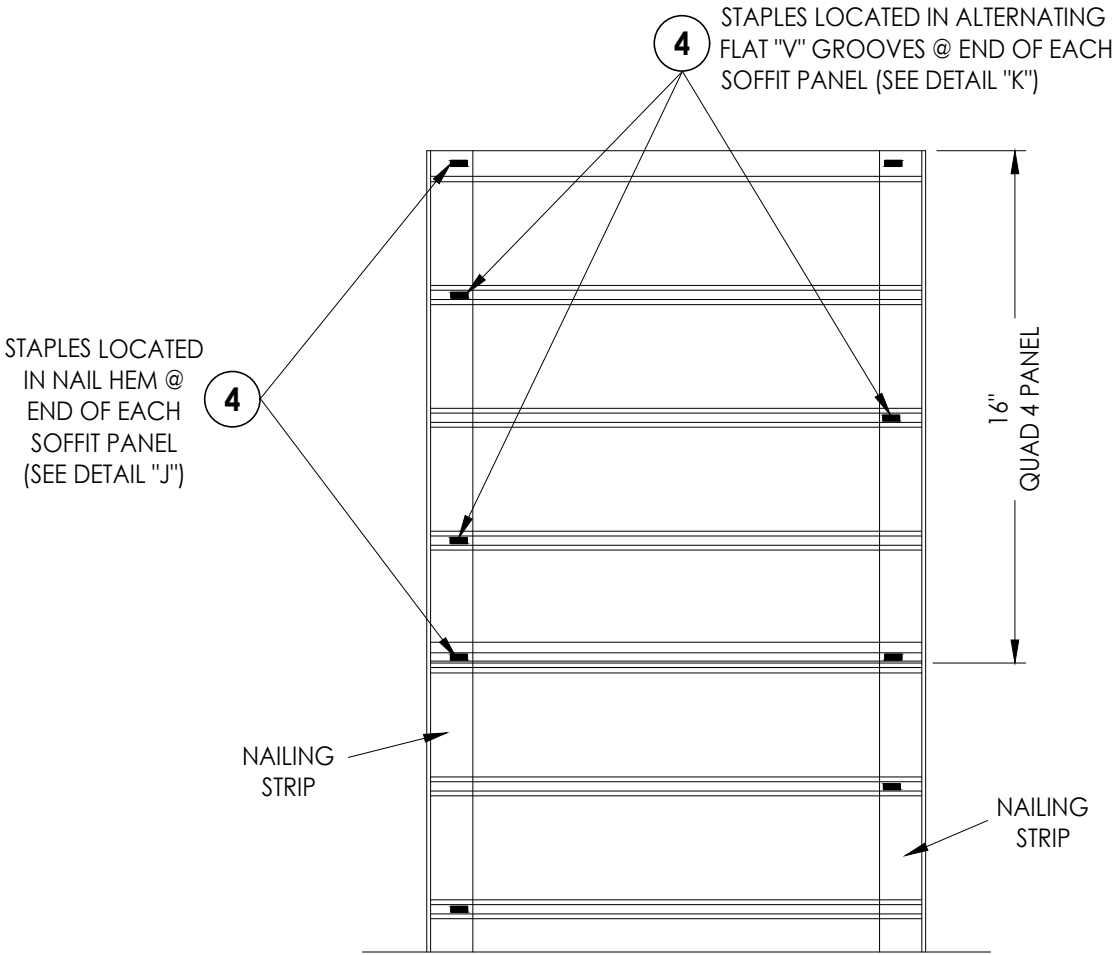
REFER TO STAPLE INSTALLATION BELOW



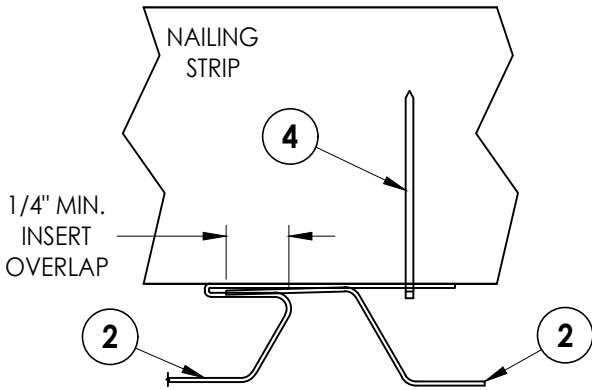
DETAIL "E"

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

DETAIL "F"

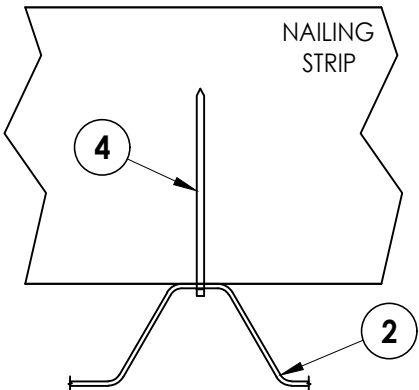


16" MAX. SINGLE SPAN
(J-CHANNEL NOT SHOWN)



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.

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

RW BUILDING CONSULTANTS, INC.
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	REVISIONS	BY

DATE: 4/22/24

SCALE: N.T.S.

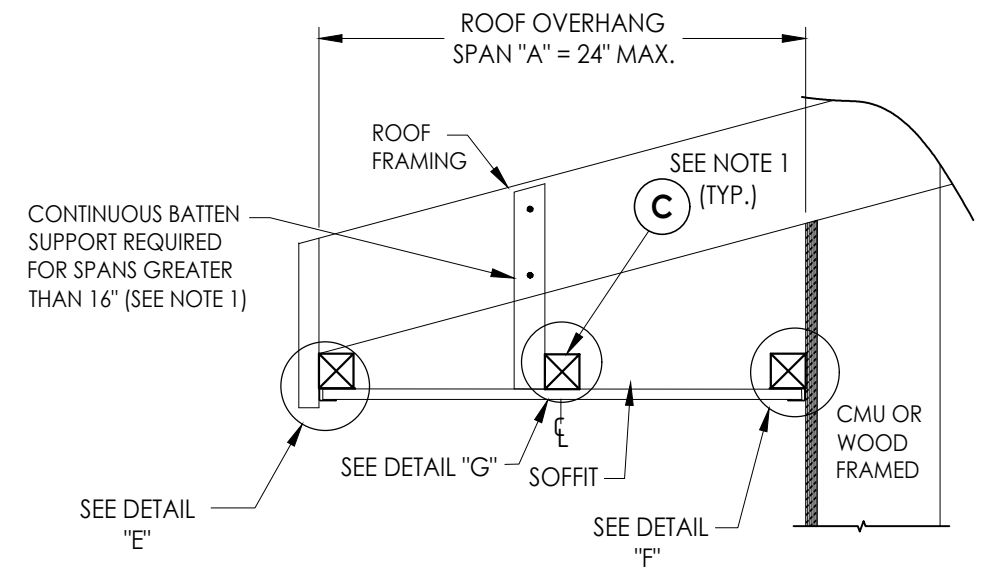
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46697.3

SHEET 4 OF 5

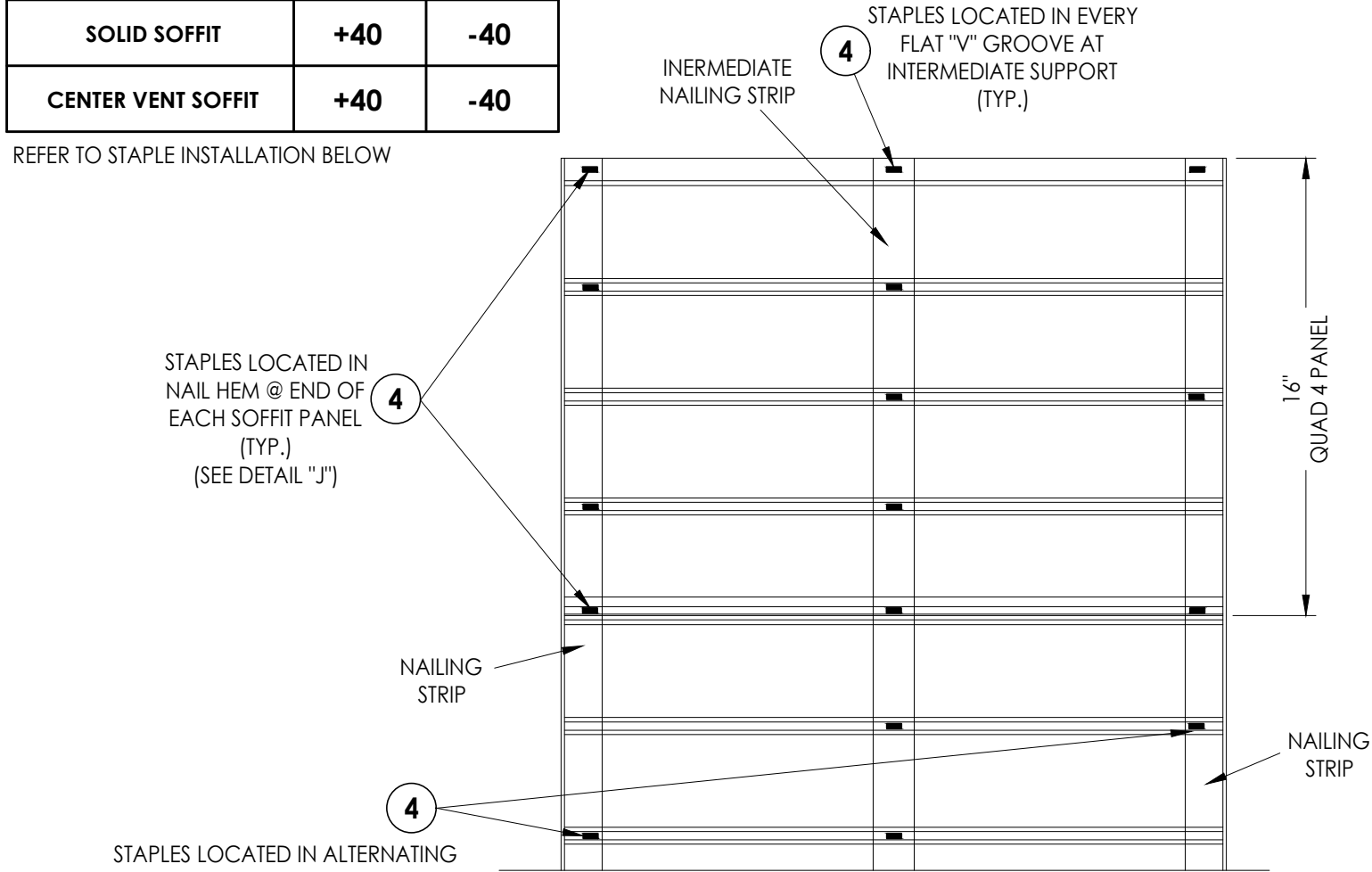


SIDE VIEW - DOUBLE SPAN w/ J-CHANNELS

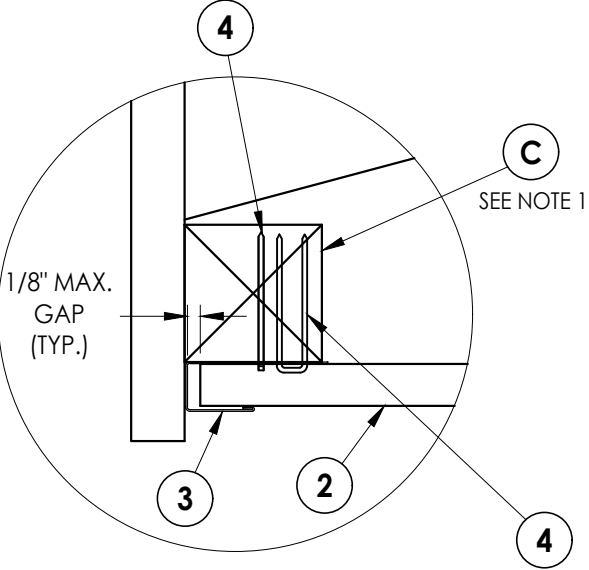
(Shown w/ truss/framing overhang)

QUAD 4 SOFFIT 24" MAX. DOUBLE SPAN LENGTH	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
SOLID SOFFIT	+40	-40
CENTER VENT SOFFIT	+40	-40

REFER TO STAPLE INSTALLATION BELOW



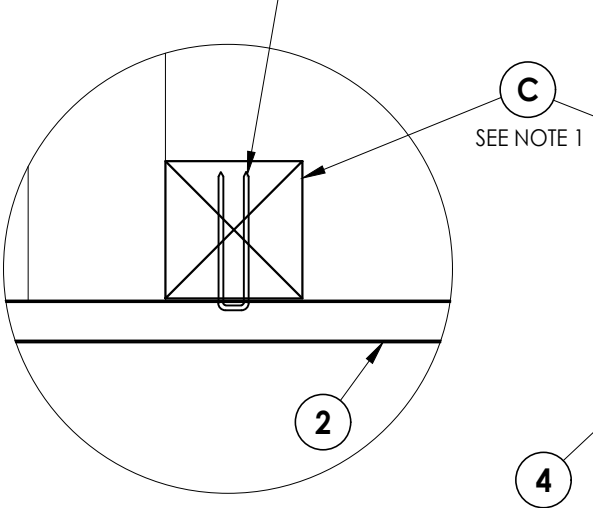
ATTACH "J-CHANNEL" TO NAILING STRIP w/ STAPLES @ 12" MAX. O.C.



DETAIL "E"

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

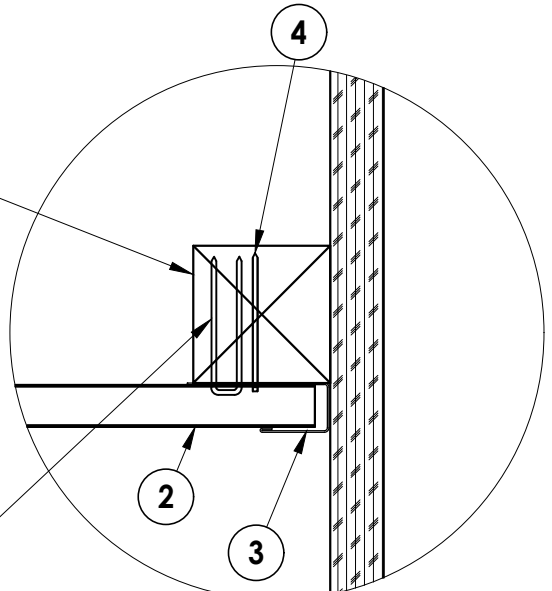
ATTACH SOFFIT TO INTERMEDIATE NAILING STRIP w/ STAPLES @ EACH FLAT "V" GROOVE (SEE DETAIL "K")



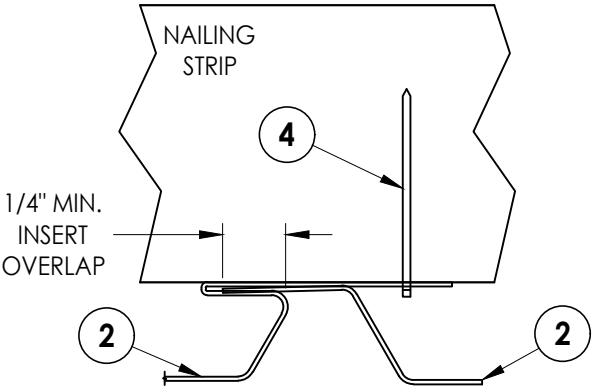
DETAIL "G"

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

ATTACH "J-CHANNEL" TO NAILING STRIP w/ STAPLES @ 12" MAX. O.C.

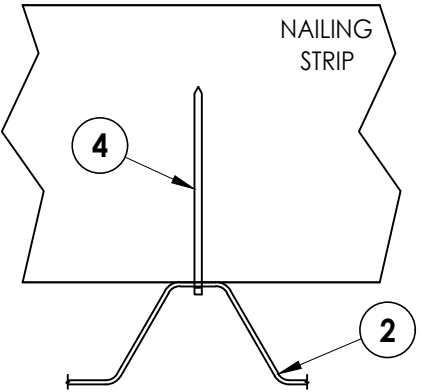


DETAIL "F"



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.
 - STAPLES (1/4" CROWN X 18 GA.) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 7/8" INTO SUPPORT FRAMING.

Documents Prepared By:
Lyndon F. Schmidt
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

REVISIONS

NO. DATE BY

DATE: 4/22/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46697.3

SHEET 5 OF 5

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