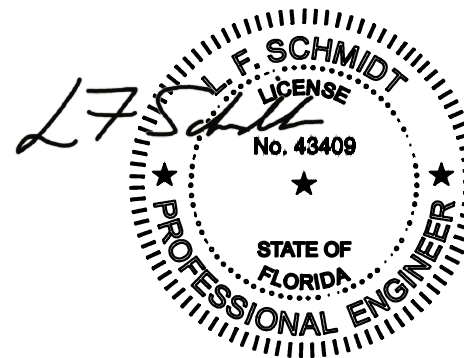




This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

The technical drawing illustrates a wall panel system in two views. The left view shows four panels stacked vertically, highlighting their interlocking edges. The right view shows a perspective of the wall assembly, including insulation and fasteners.

FULL VENT

QUAD 4 (Q4)
(0.012" THICK)

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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	Single Span Soffit details & design pressures (J-Channel @ each end) - Staple Installation
4	Single Span Soffit details & design pressures (Fascia & J-Channel) - Staple Installation
5	Twin Span Soffit details & design pressures (Fascia & J-Channel) - Staple Installation
6	Twin Span Soffit details & design pressures (Fascia & J-Channel) - Nail Installation

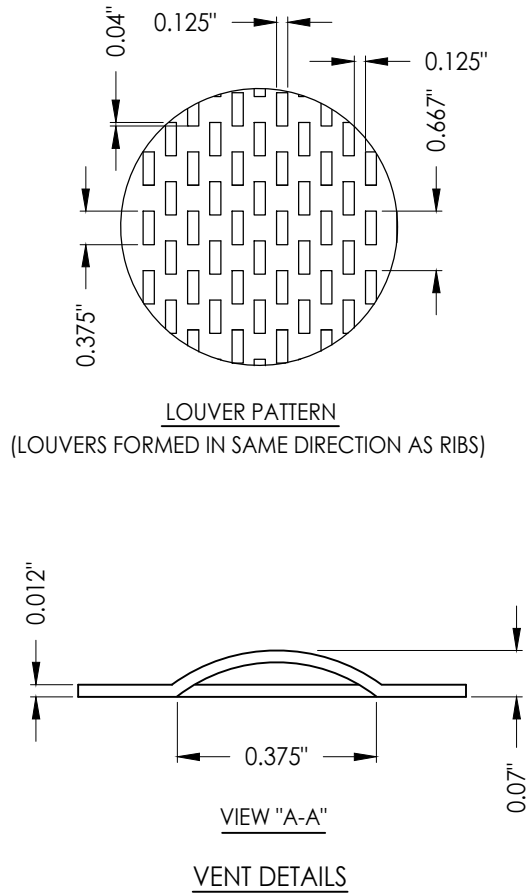
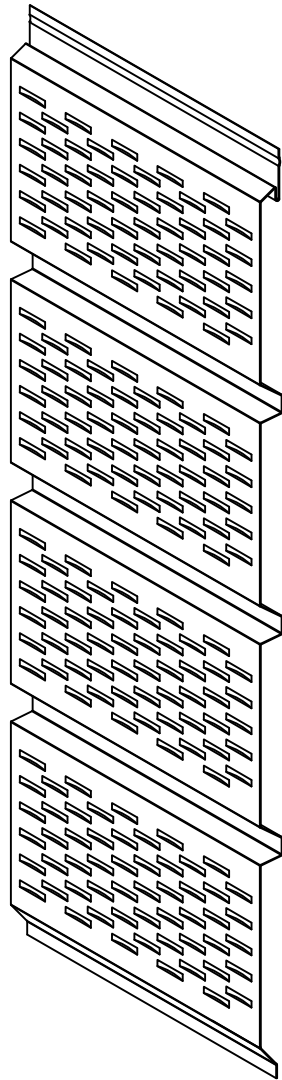
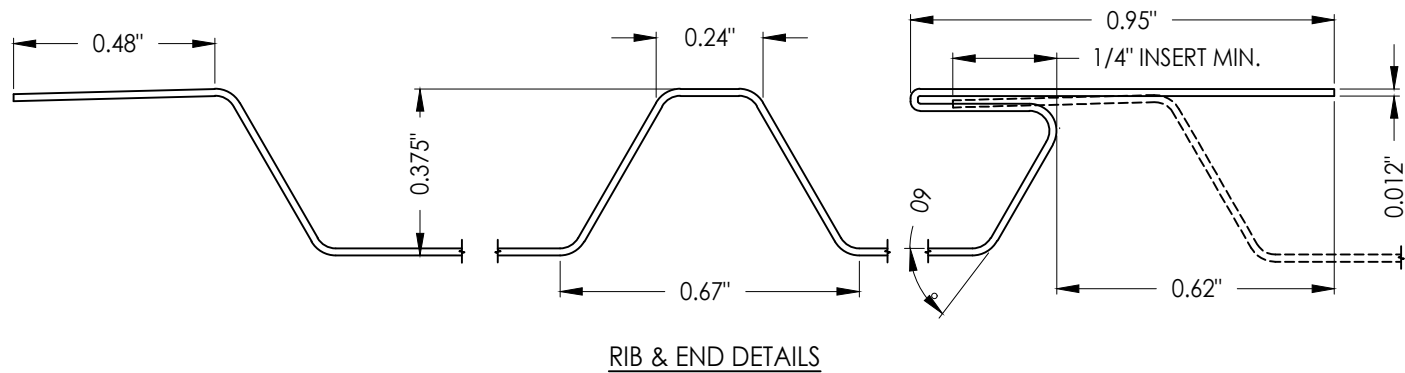
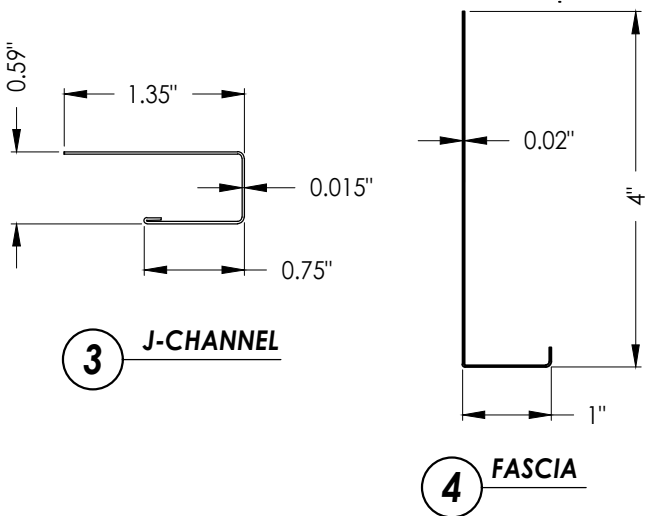
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

***RW* BUILDING CONSULTANTS, INC.**
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

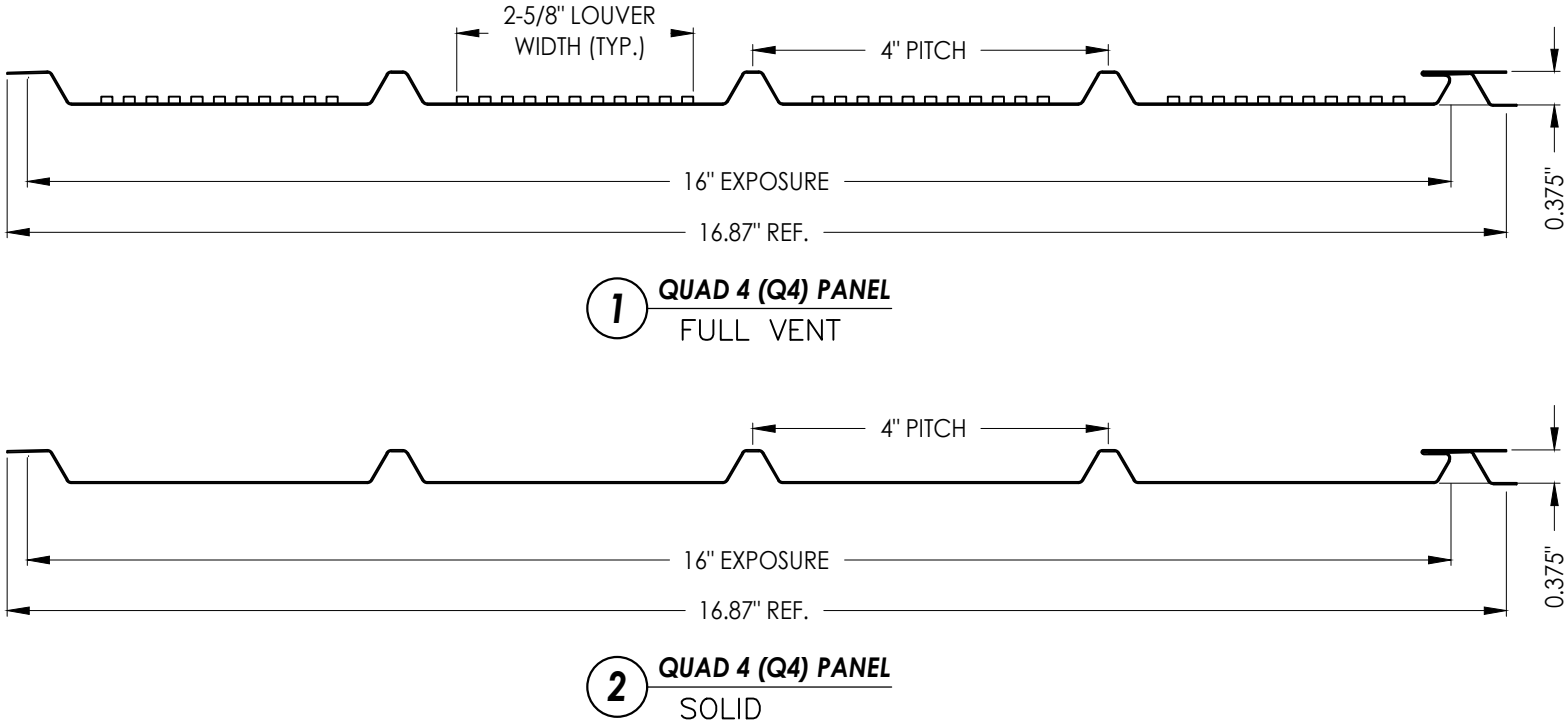
SOFFIT AIR FLOW TABLE			
SOFFIT TYPE	AIR FLOW		
QUAD 4 (Q4)	FREE FLOW AREA (in ² /ft ²)	FREE FLOW AREA (in ² /linear ft)	% FREE FLOW AREA
FULL VENT PATTERN	14.0	18.6 *	9.7 %

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



CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
C	1-1/2" X 1-1/2" NAILING STRIP (G >= 0.42)	WOOD
1	QUAD 4 (Q4) ALUMINUM SOFFIT (FULL VENT)	ALUM 3105
2	QUAD 4 (Q4) ALUMINUM SOFFIT (SOLID)	ALUM 3105
3	ALUMINUM J-CHANNEL	ALUM 3105
4	ALUMINUM FASCIA	ALUM
5	1/4" CROWN X 1" LONG X 18 GA. STAPLE	STEEL
6	14 GA. X 1-1/2" LONG BRAD NAIL w/ 3/16" Ø HEAD	STEEL

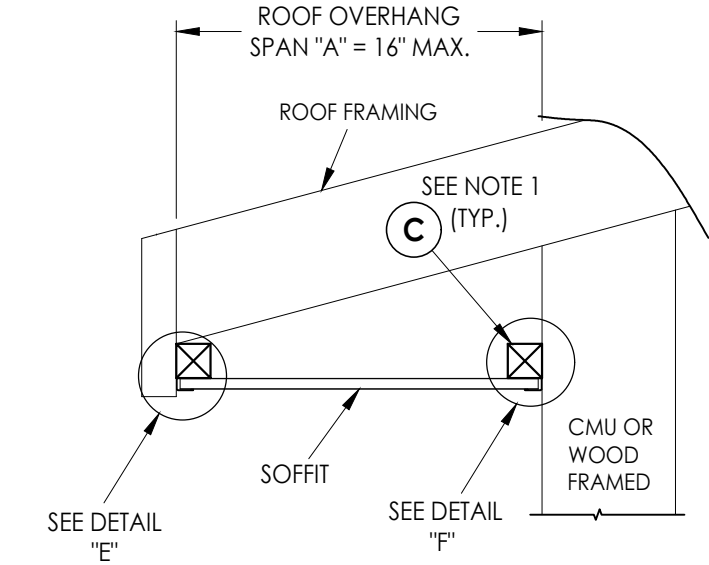
[illegible]

Documents Prepared By:
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P.E. No. 43409

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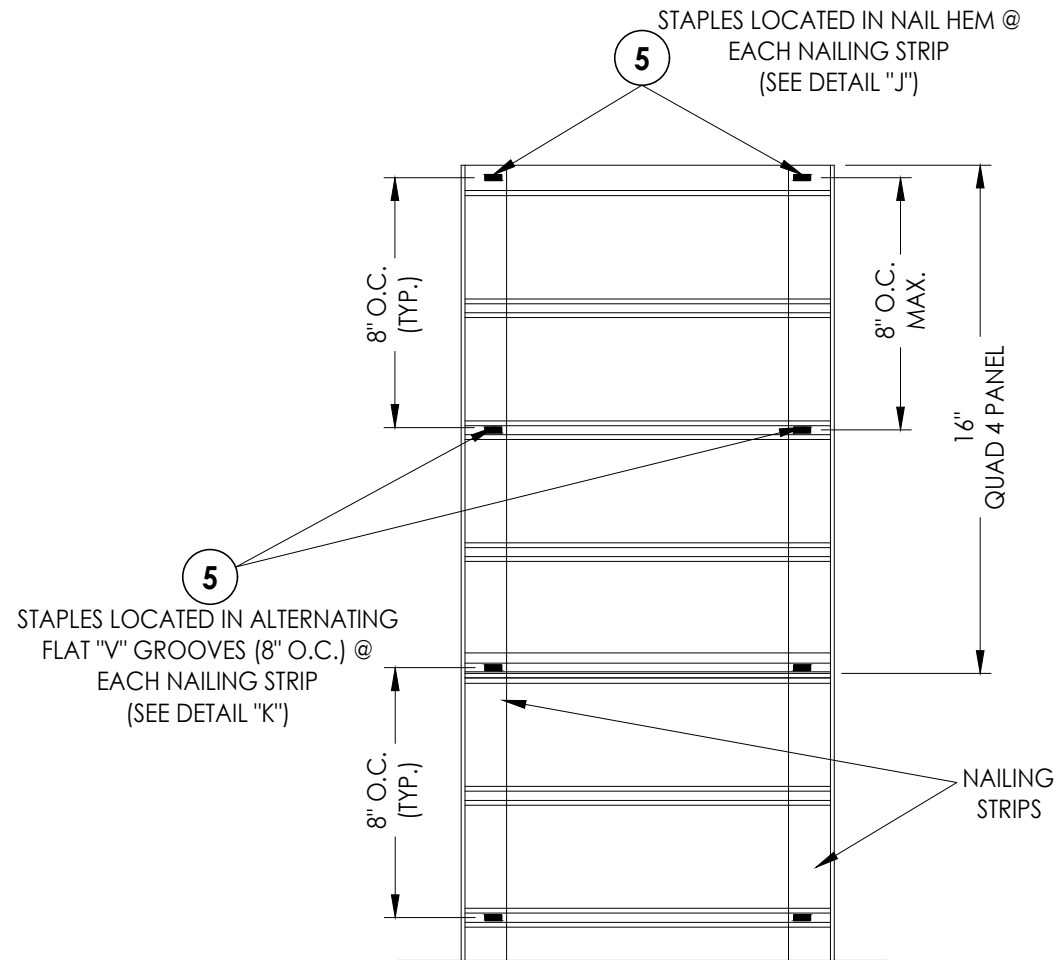


SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

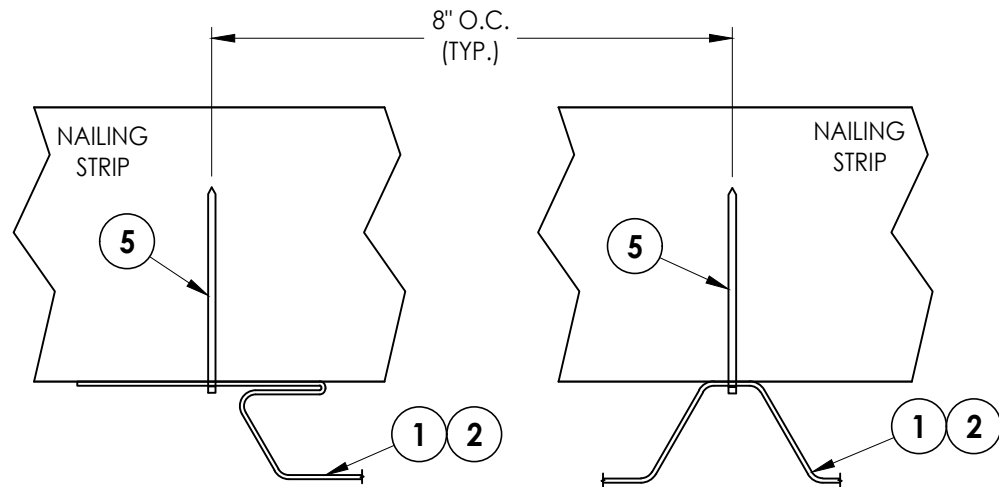
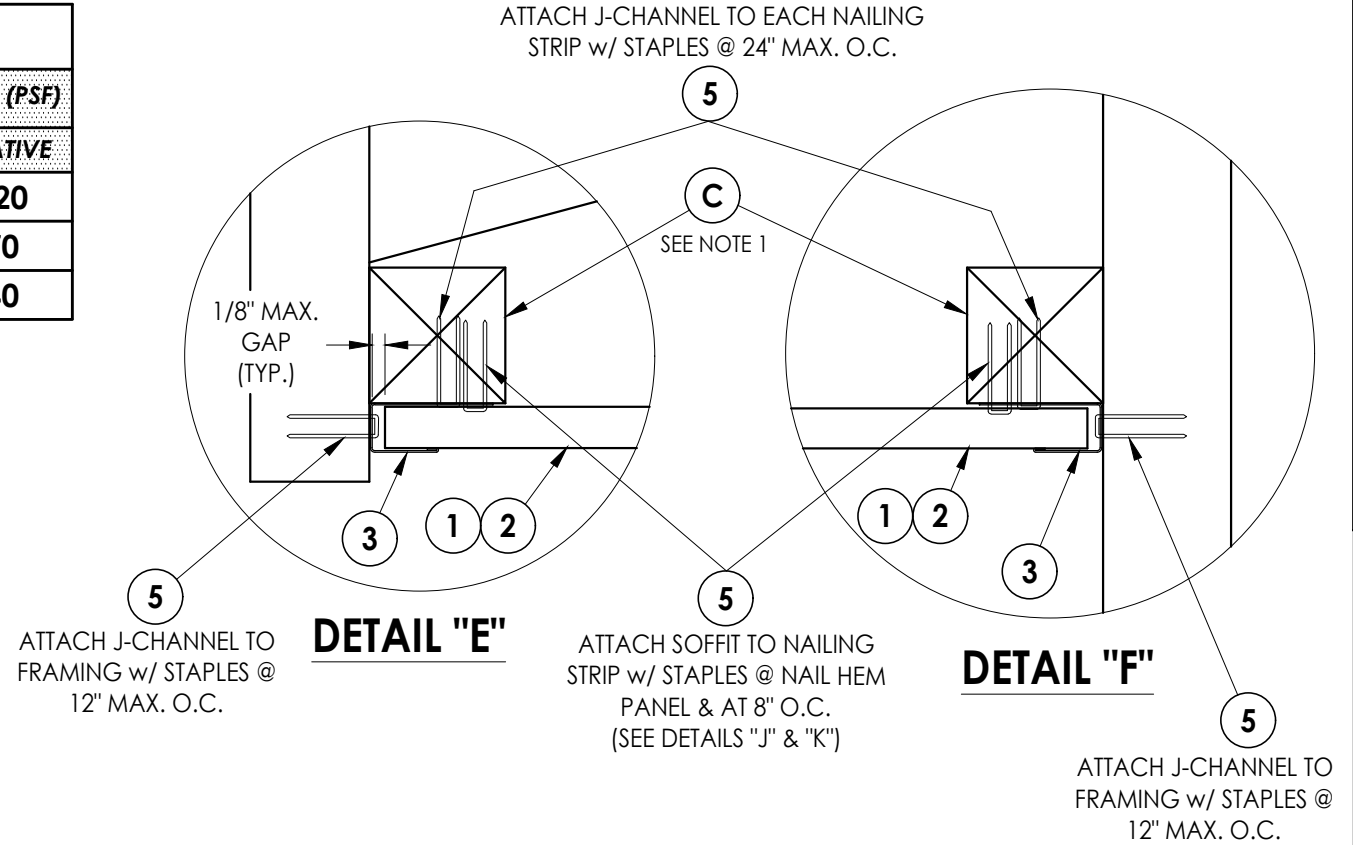
(Shown w/ truss/framing overhang)

SINGLE SPAN w/ J-CHANNELS			
QUAD 4 (Q4) SOFFIT 16" MAX. SINGLE SPAN LENGTH	SPAN "A"	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
SOLID OR FULL VENT SOFFIT	8"	+120	-120
	12"	+70	-70
	16"	+40	-40

REFER TO THE SOFFIT STAPLE INSTALLATION BELOW



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



DETAIL "J"
STAPLE @ HEM

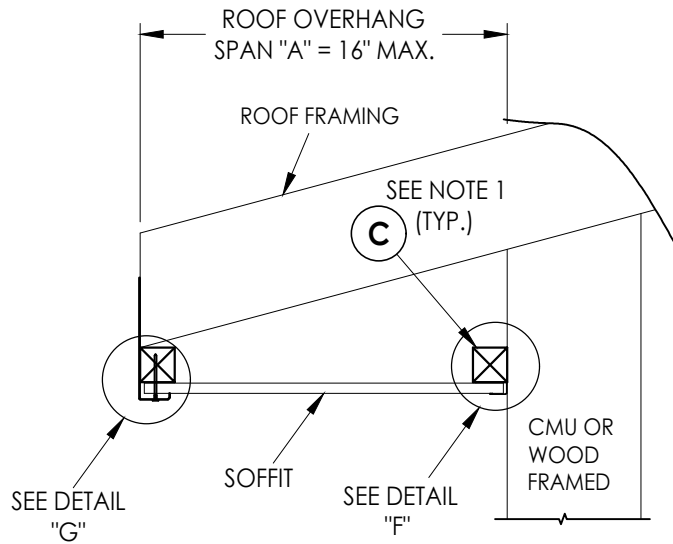
DETAIL "K"
STAPLE @ FLAT "V" GROOVE

NOTES:

1. WOOD FRAMING, NAILING STRIPS AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
2. STAPLES SHALL BE CORROSION RESISTANT AND PENETRATE A MINIMUM 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: ALUMINUM SOFFIT							
PART OR ASSEMBLY: SINGLE SPAN SOFFIT DETAILS & DESIGN PRESSURES							

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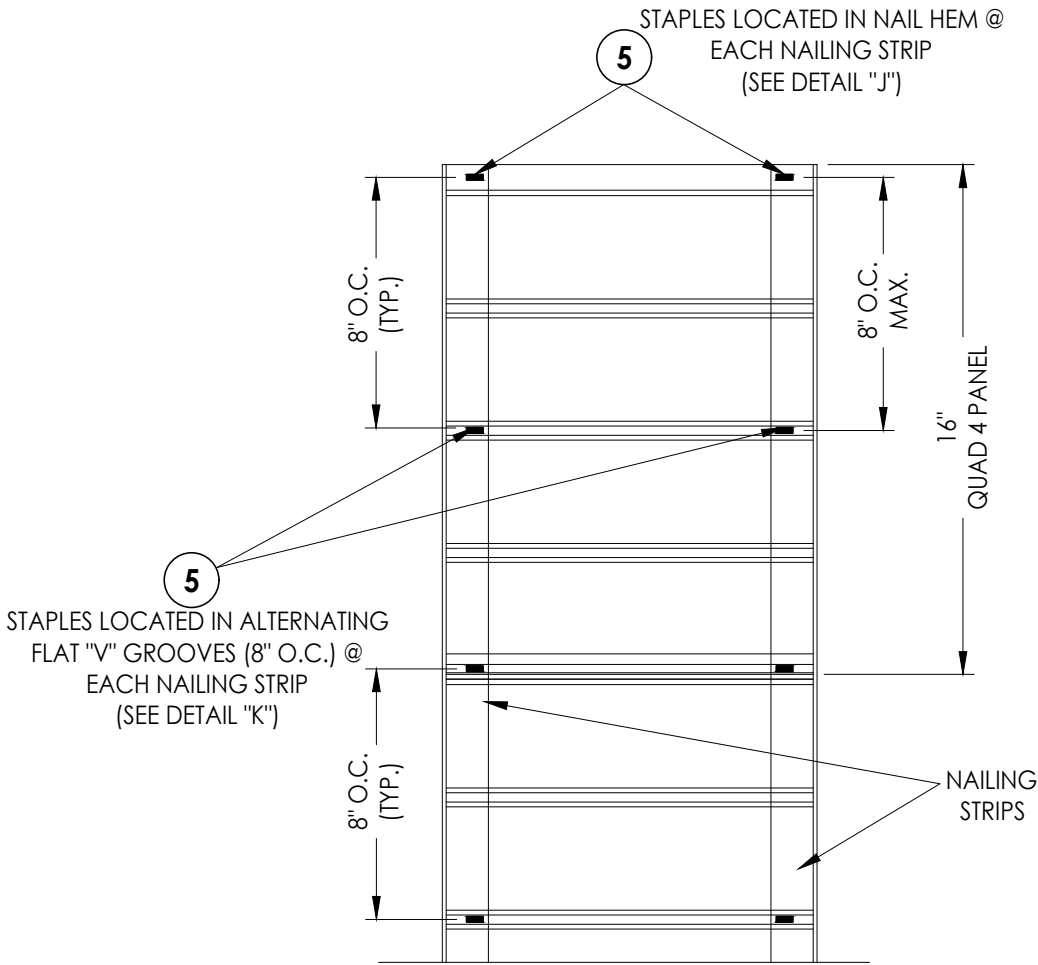


SIDE VIEW - SINGLE SPAN w/ FASCIA & J-CHANNEL

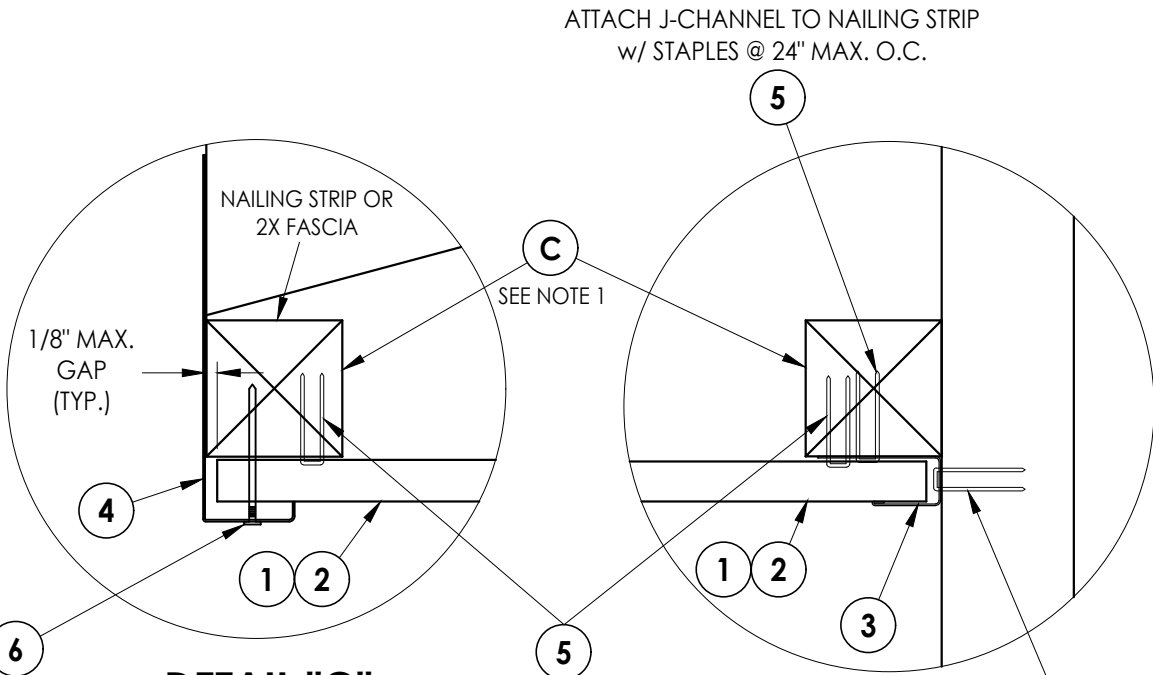
(Shown w/ truss/framing overhang)

SINGLE SPAN w/ FASCIA & J-CHANNEL			
QUAD 4 (Q4) SOFFIT 16" MAX. SINGLE SPAN LENGTH	SPAN "A"	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
SOLID OR FULL VENT SOFFIT	8"	+120	-120
	12"	+60	-60
	16"	+40	-40

REFER TO THE SOFFIT STAPLE INSTALLATION BELOW



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



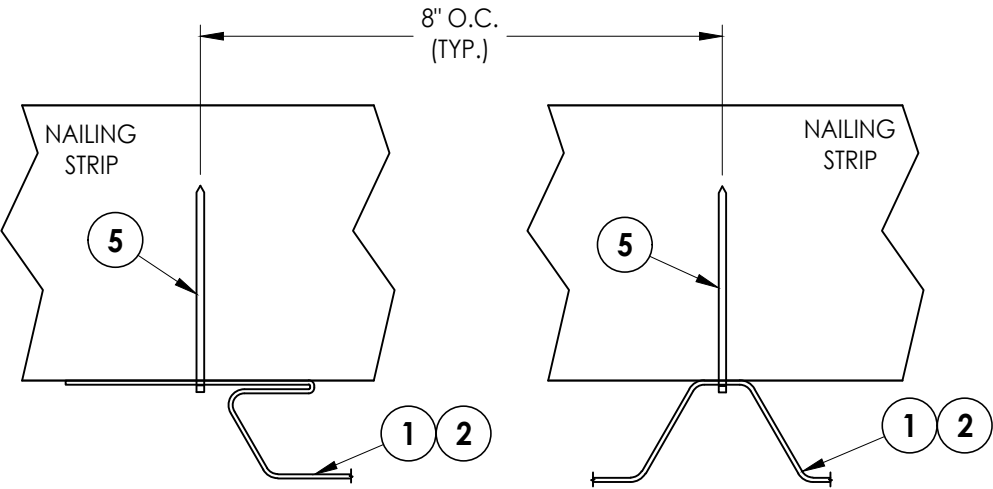
ATTACH FASCIA TO
FRAMING w/ NAILS @
16" MAX. O.C.

DETAIL "G"

ATTACH SOFFIT TO NAILING
STRIP w/ STAPLES @ NAIL HEM
PANEL & AT 8" O.C.
(SEE DETAILS "J" & "K")

DETAIL "F"

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



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 & NAILS SHALL BE CORROSION RESISTANT AND PENETRATE A MINIMUM 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:

ALUMINUM SOFFIT

PART OR ASSEMBLY:

SINGLE SPAN SOFFIT DETAILS &
DESIGN PRESSURES

DATE: 5/19/25

SCALE: N.T.S.

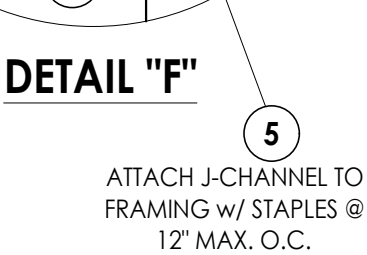
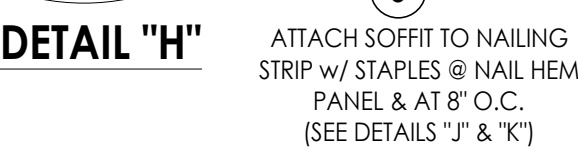
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

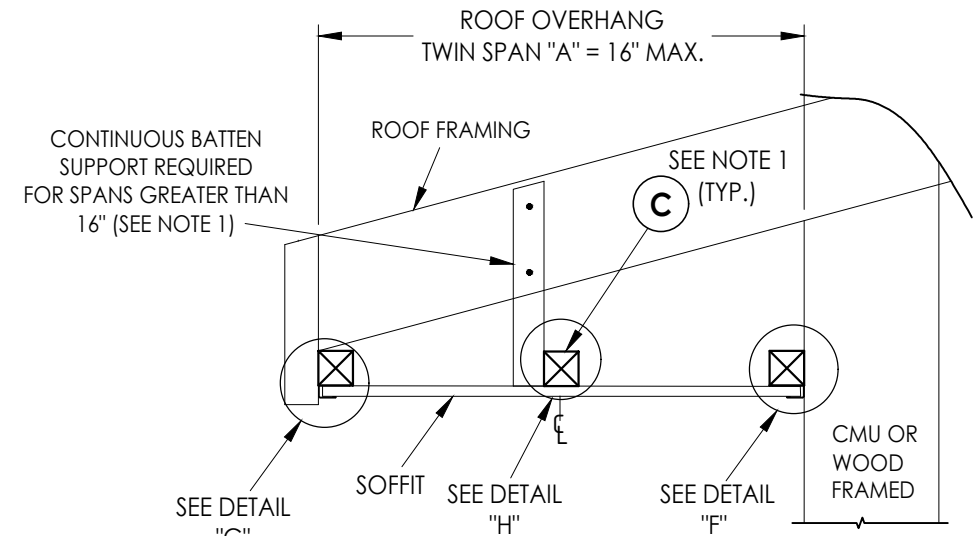
FL-46697.5

SHEET 4 OF 6



- NOTES:
1. WOOD FRAMING, NAILING STRIPS AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 2. STAPLES & NAILS SHALL BE CORROSION RESISTANT AND PENETRATE A MINIMUM OF 7/8" INTO SUPPORT FRAMING.

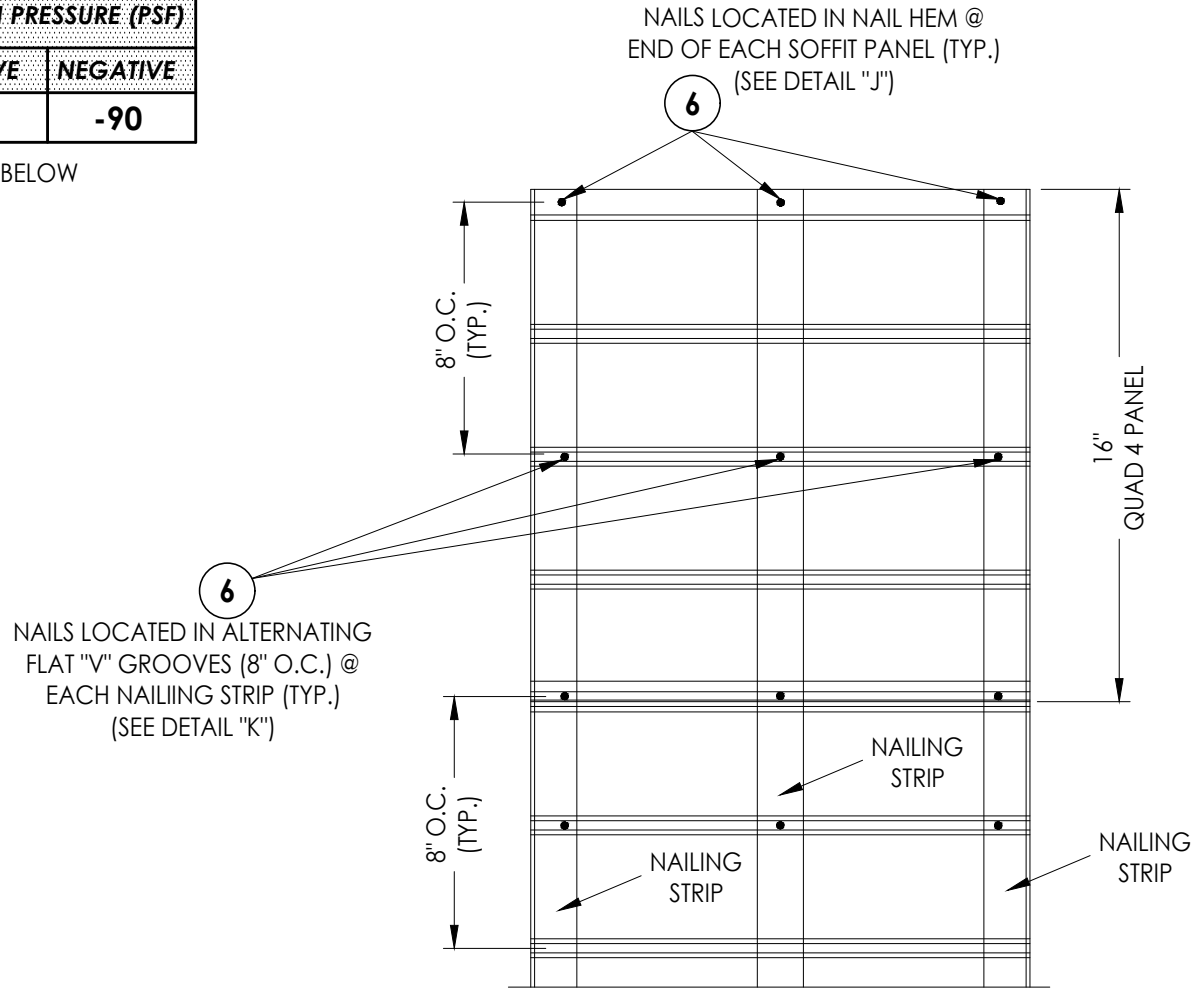
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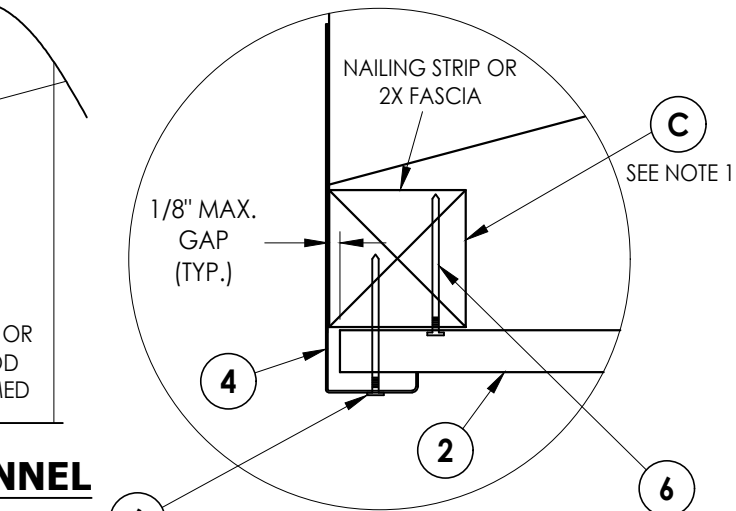
SIDE VIEW - TWIN SPAN w/ FASCIA & J-CHANNEL
(Shown w/ truss/framing overhang)

TWIN SPAN w/ FASCIA & J-CHANNEL			
QUAD 4 (Q4) SOFFIT 16" MAX. TWIN SPAN LENGTH	SPAN "A"	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
SOLID SOFFIT	16"	+90	-90

REFER TO THE SOFFIT NAIL INSTALLATION BELOW



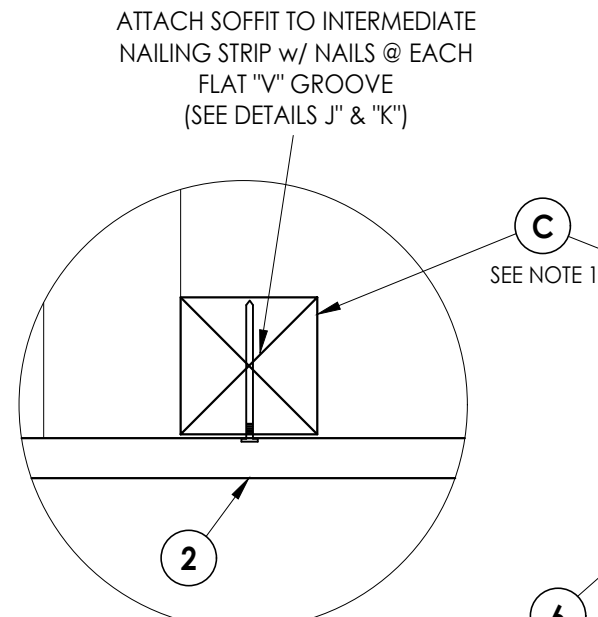
16" MAX. DOUBLE SPAN
(FASCIA & J-CHANNEL NOT SHOWN)



DETAIL "G"

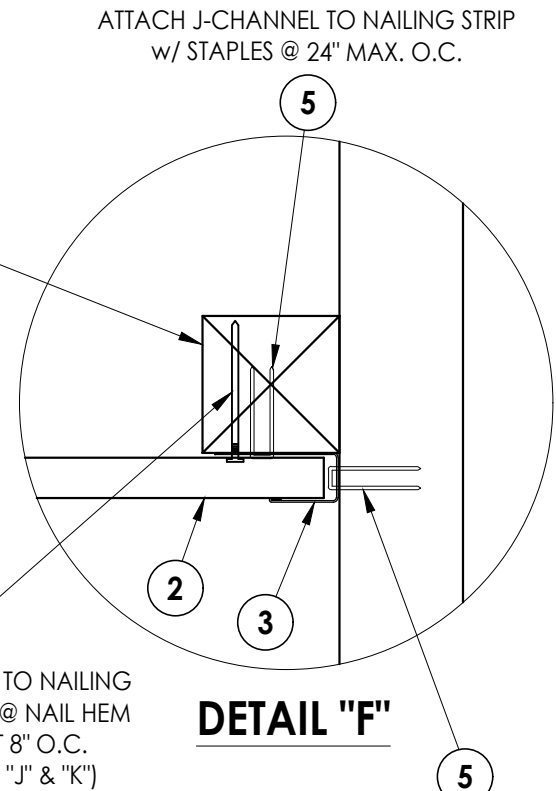
ATTACH FASCIA TO FRAMING w/ NAILS @ 16" MAX. O.C.

ATTACH SOFFIT TO NAILING STRIP w/ NAILS @ NAIL HEM PANEL & AT 8" O.C. (SEE DETAILS "J" & "K")



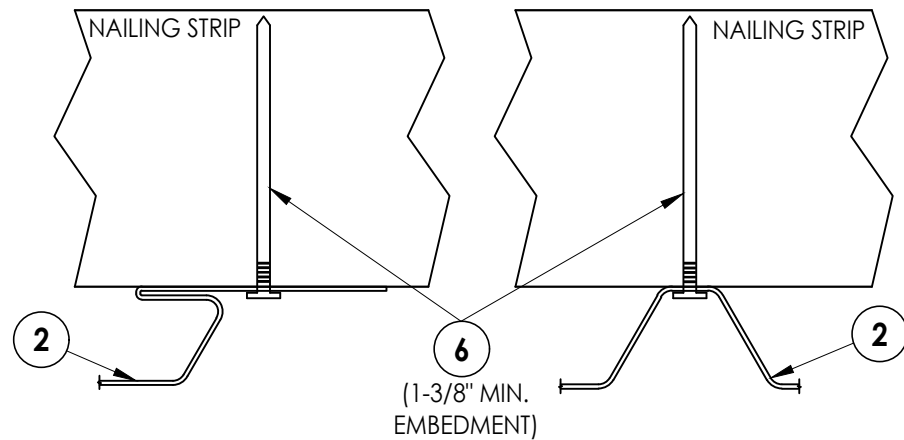
DETAIL "H"

ATTACH SOFFIT TO NAILING STRIP w/ NAILS @ NAIL HEM PANEL & AT 8" O.C. (SEE DETAILS "J" & "K")



DETAIL "F"

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



DETAIL "J"
NAIL @ HEM

DETAIL "K"
NAIL @ FLAT "V" GROOVE

- NOTES:
- WOOD FRAMING, NAILING STRIPS AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 - STAPLES & NAILS SHALL BE CORROSION RESISTANT AND PENETRATE A MINIMUM OF 7/8" INTO SUPPORT FRAMING (EXCEPT WHERE SHOWN).

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	ALUMINUM SOFFIT		
PART OR ASSEMBLY:	TWIN SPAN SOFFIT DETAILS & DESIGN PRESSURES		
DATE	NO.	BY	REVISIONS
5/19/25	1	LFS	
9/01/26		FBC	
UPDATE TO 9TH ED. (2026)			

DATE: 5/19/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46697.5

SHEET 6 OF 6