



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)
4	Single Span Soffit details & design pressures (Fascia & J-Channel)
5	Twin Span Soffit details & design pressures (Fascia & J-Channel)

FULL VENT

QUAD 4 (Q4)
(0.011" THICK)

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
**TYPICAL ELEVATIONS &
GENERAL NOTES**

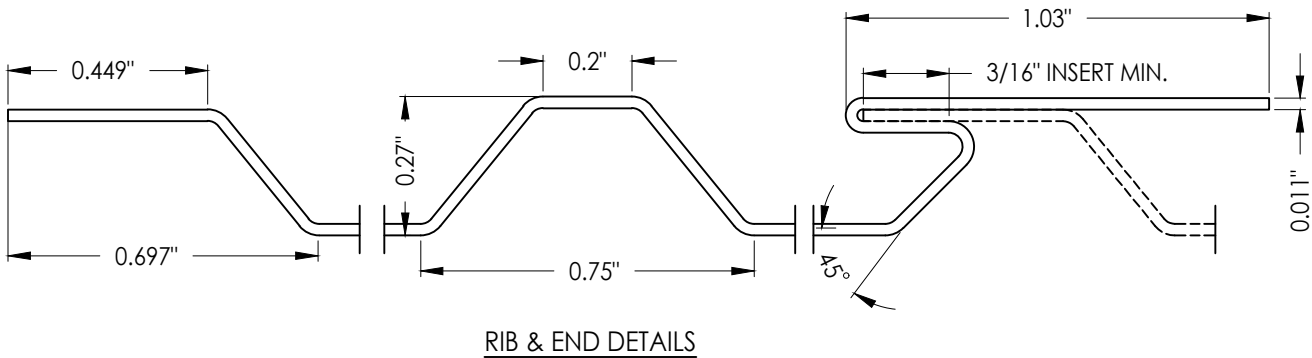
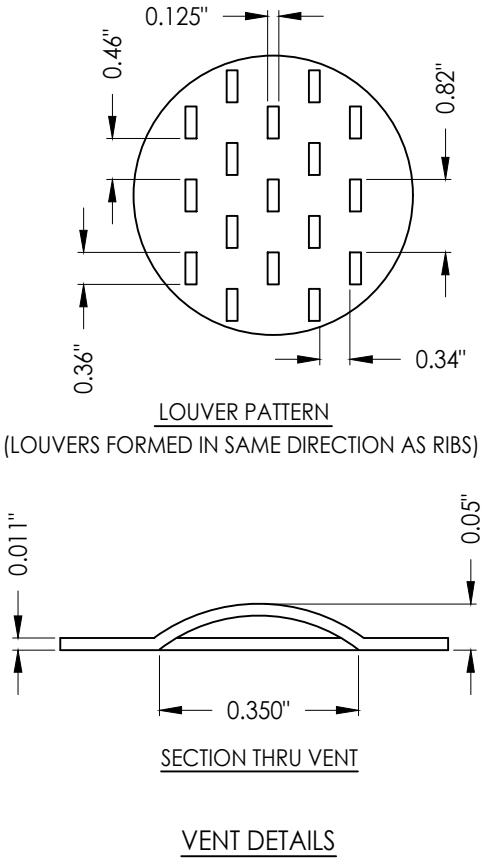
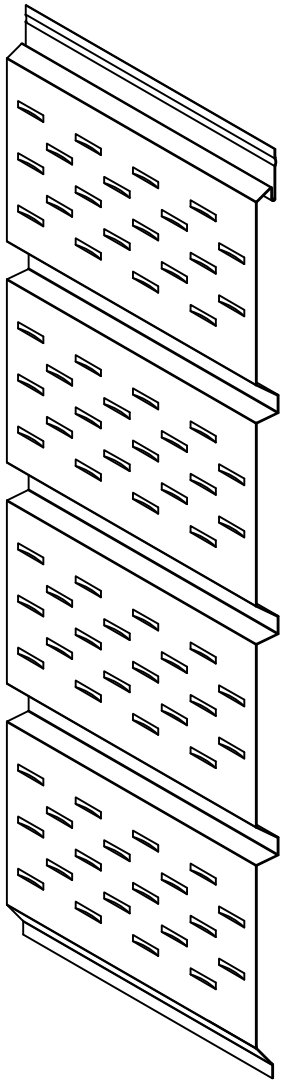
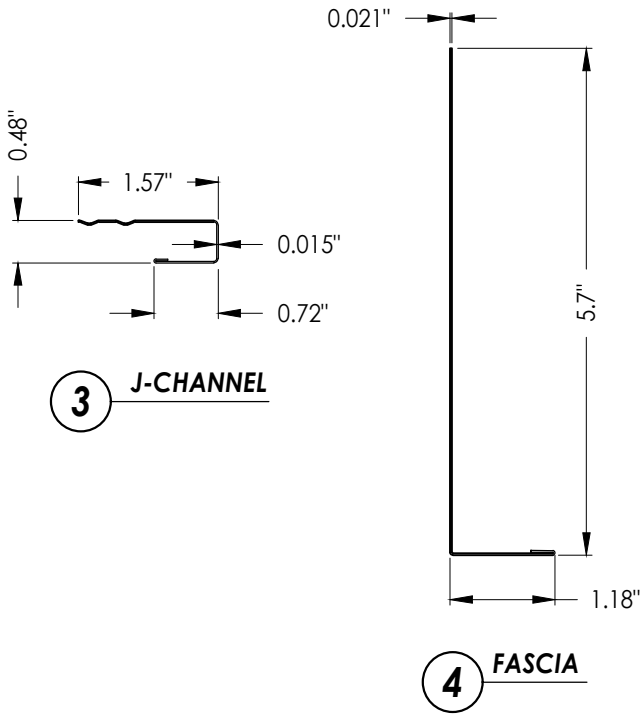
[illegible]

FL-46125.1

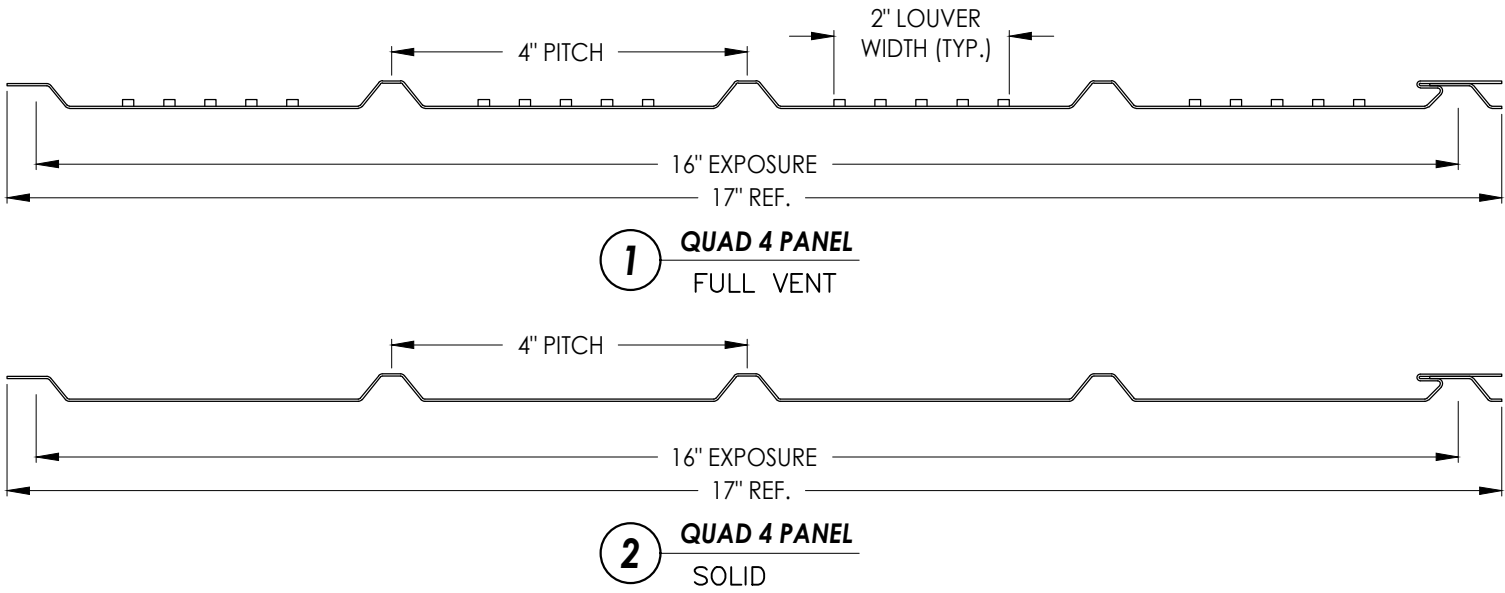
SHEET 1 OF 5

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	3.1	4.1*	2.1 %

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



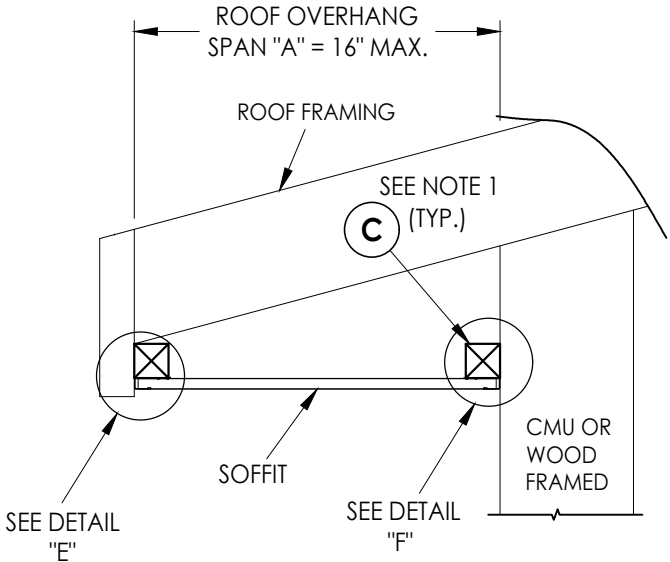
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
C	1-1/2" X 1-1/2" NAILING STRIP (G >= 0.42)	WOOD
1	QUAD 4 (Q4) ALUMINUM SOFFIT (FULL VENT)	ALUM 6061-T6
2	QUAD 4 (Q4) ALUMINUM SOFFIT (SOLID)	ALUM 6061-T6
3	ALUMINUM J-CHANNEL	ALUM 6061-T6
4	ALUMINUM FASCIA	ALUM 6061-T6
5	1/4" CROWN X 1" LONG X 18 GA. STAPLE	STEEL
6	14 GA. X 1-1/2" LONG BRAD NAIL w/ 3/16" Ø HEAD	STEEL

[illegible]

Documents Prepared By:
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

Z:\2023 FBC Drawings\Aluminum Force Supply & Manu\FL-46125 R1\FL-46125.1.dwg

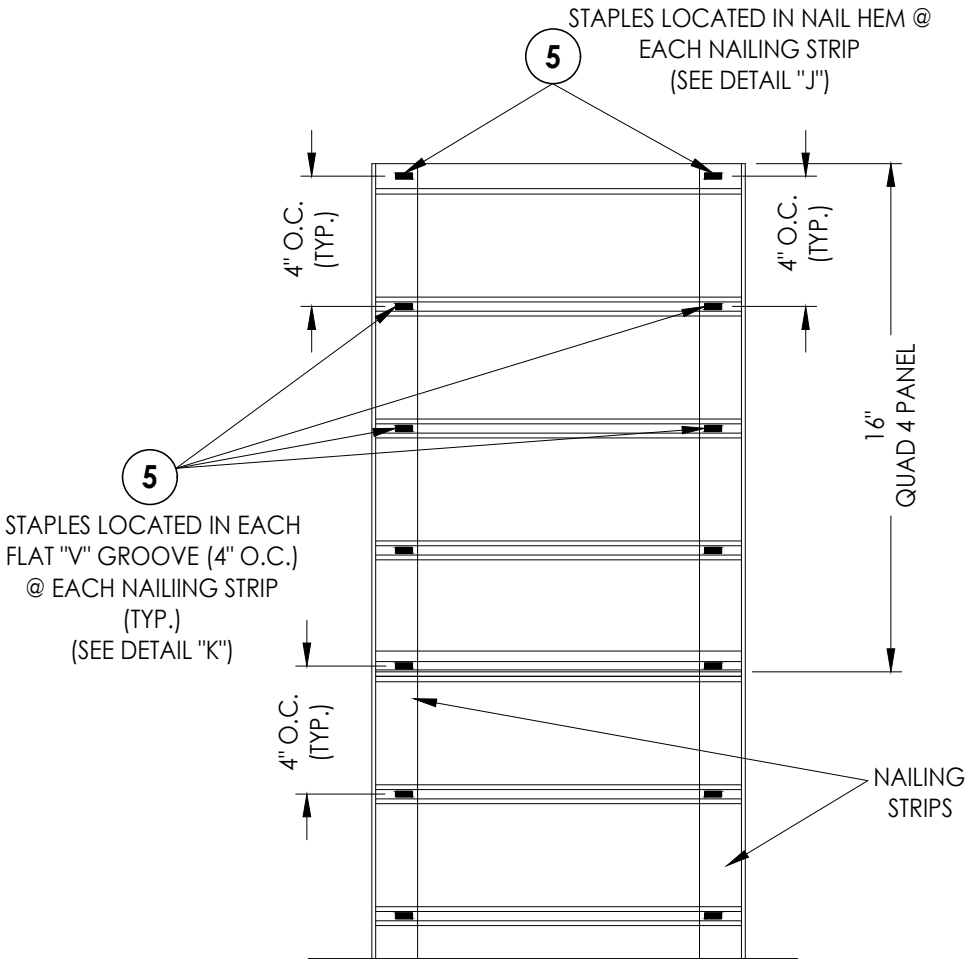


SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

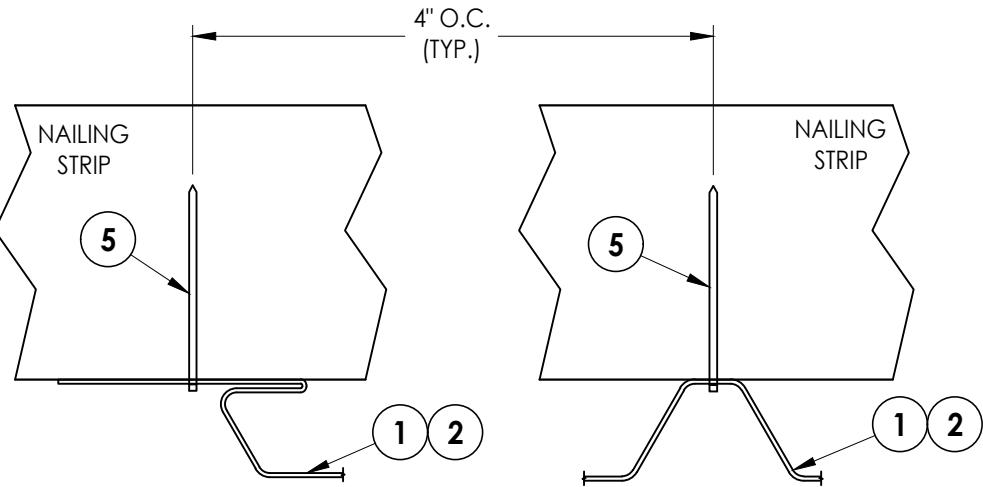
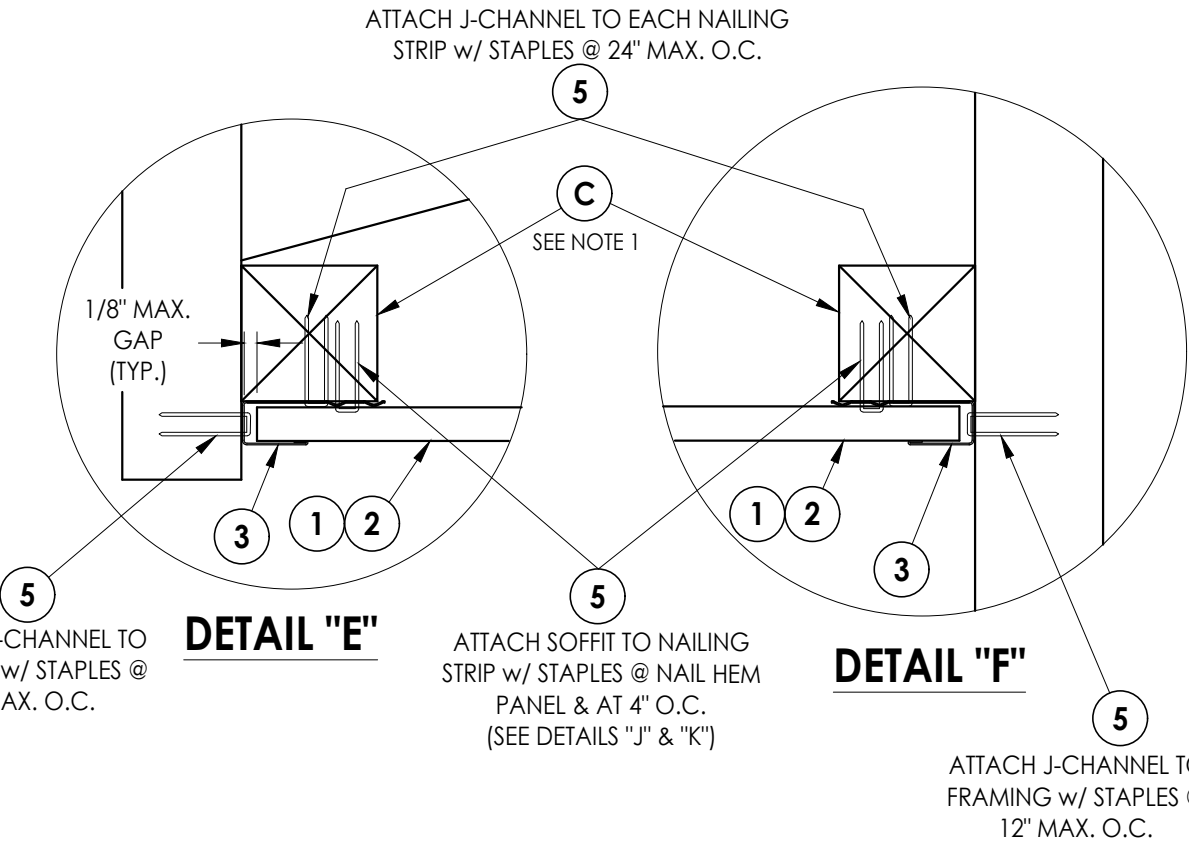
(Shown w/ truss/framing overhang)

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	12"	+40	-40
	16"	+30	-30

REFER TO THE SOFFIT STAPLE INSTALLATION BELOW



4" O.C. STAPLES
16" MAX. SINGLE SPAN
(J-CHANNEL NOT SHOWN)



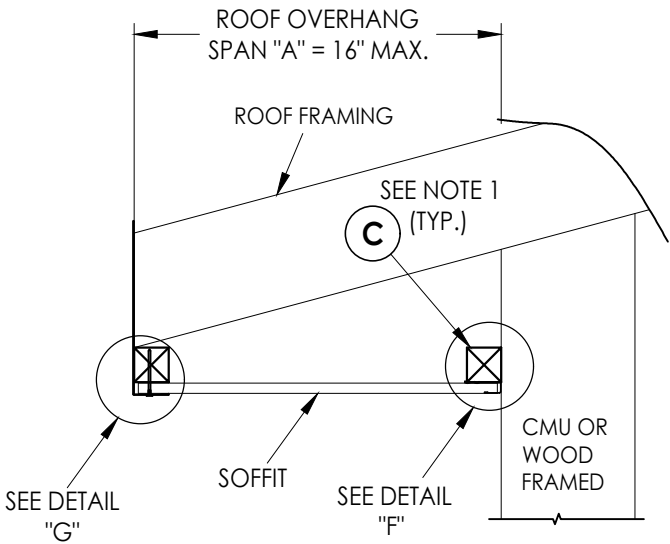
DETAIL "J"
STAPLE @ HEM

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				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: 9/08/25							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46125.1							
SHEET 3 OF 5							

Z:\2023 FBC Drawings\Aluminum Force Supply & Manu\FL-46125 R1\FL-46125.1.dwg

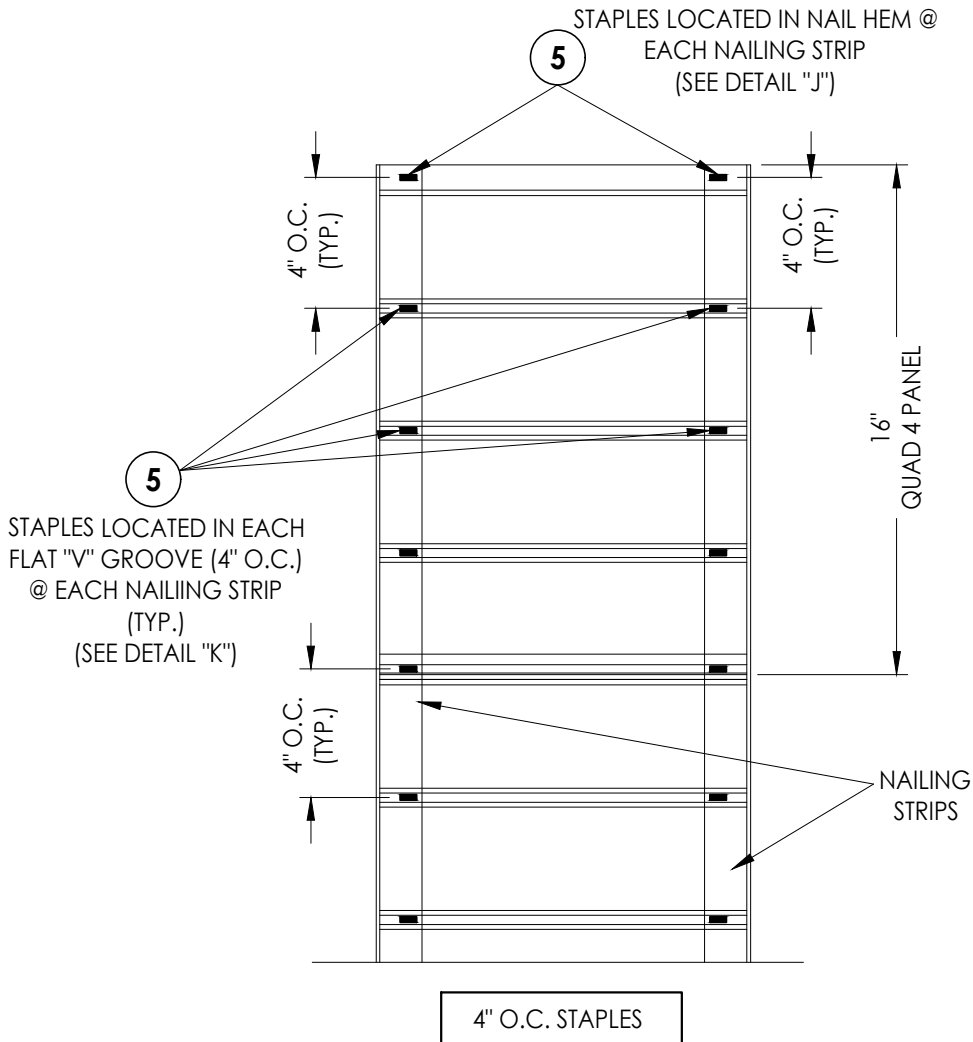


SIDE VIEW - SINGLE SPAN w/ FASCIA & J-CHANNEL

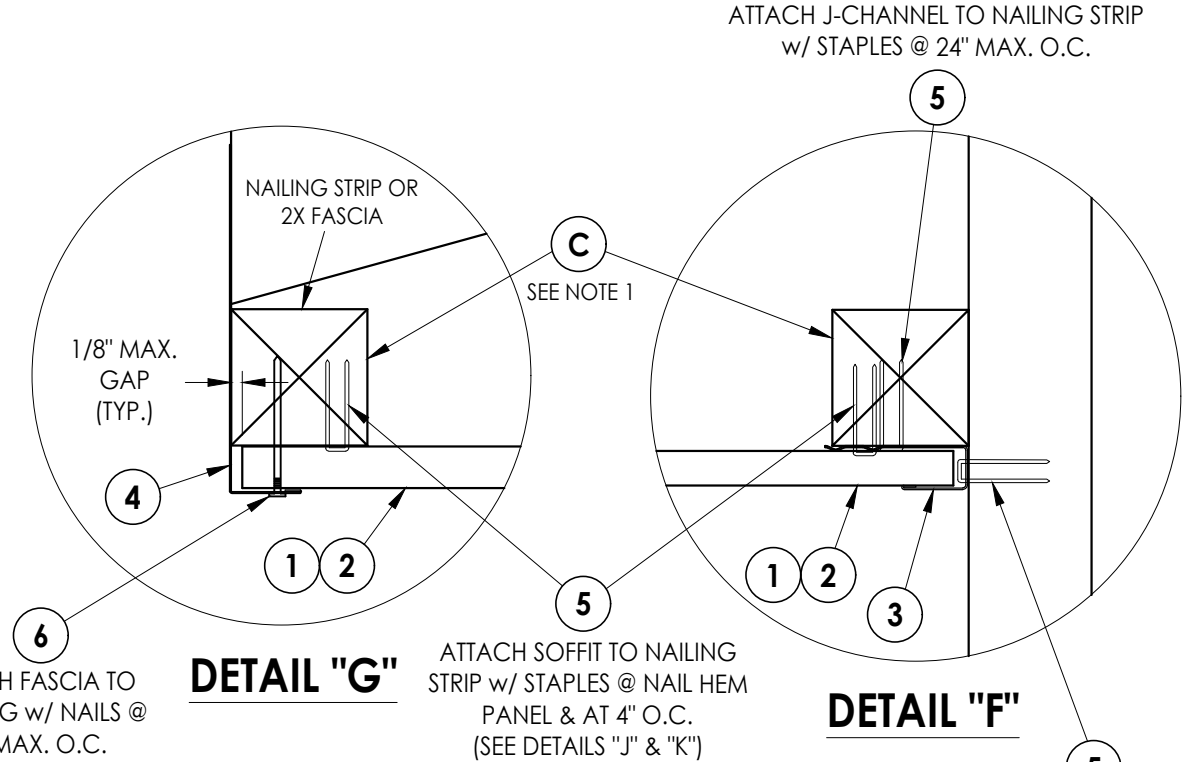
(Shown w/ truss/framing overhang)

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	12"	+50	-50
	16"	+30	-30

REFER TO THE SOFFIT STAPLE INSTALLATION BELOW

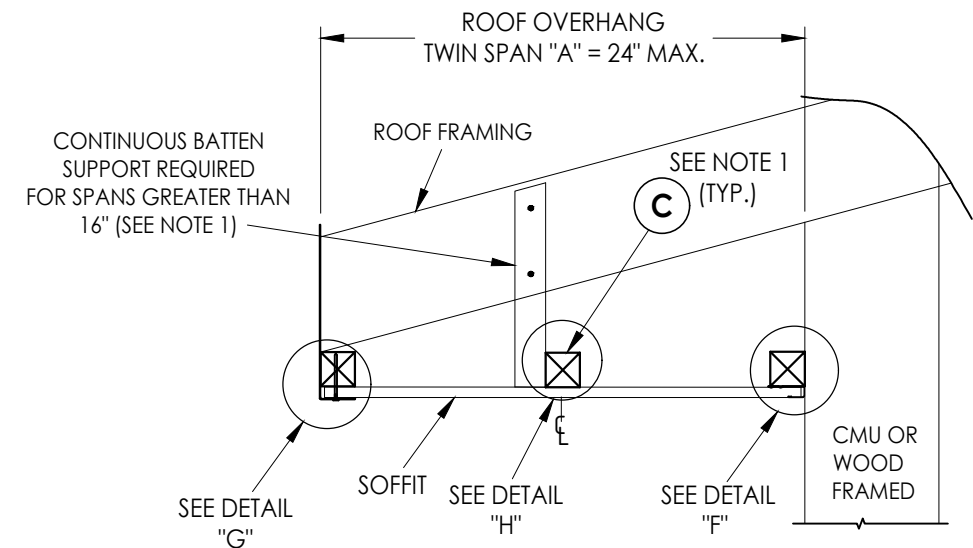


16" MAX. SINGLE SPAN
(J-CHANNEL NOT SHOWN)



- 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.

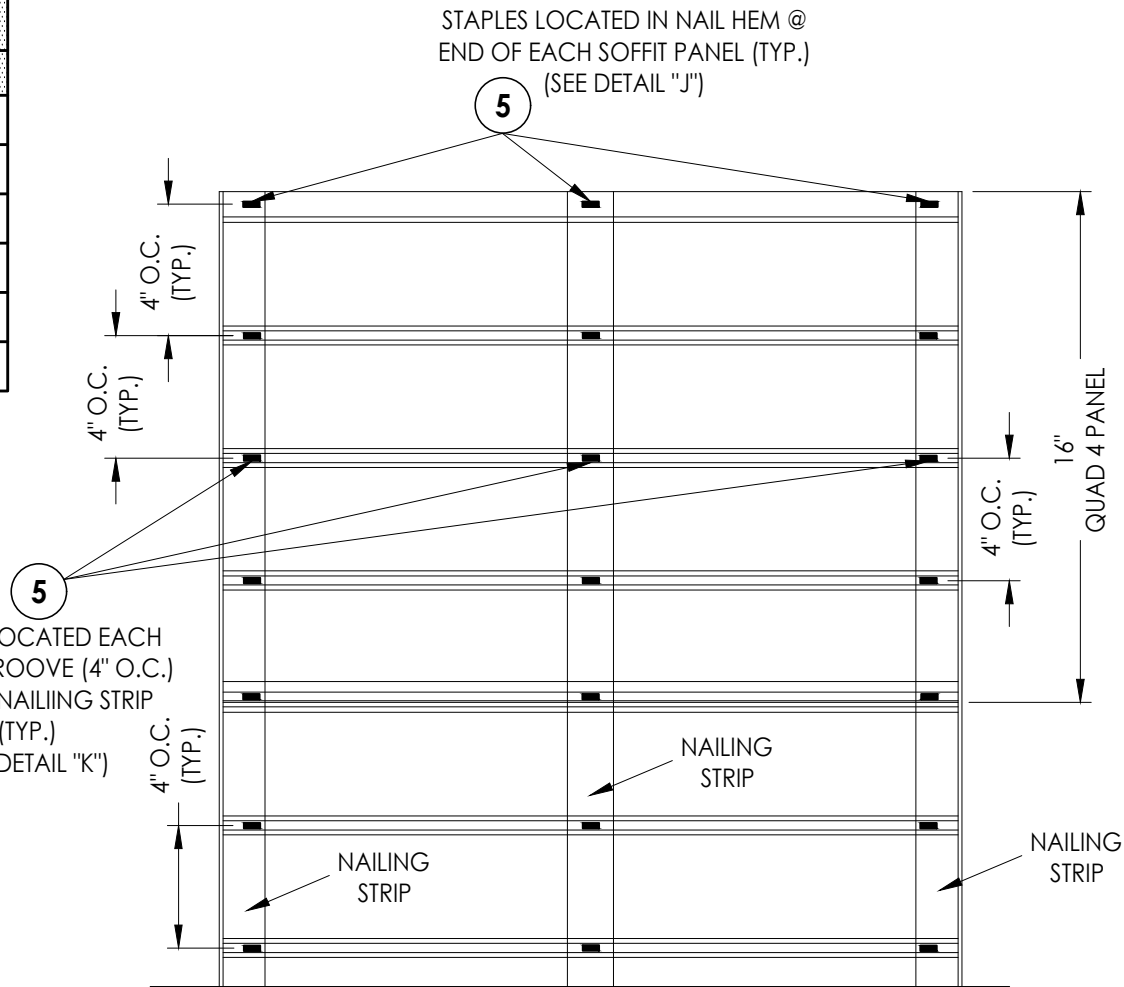
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ALUMINUM SOFFIT				PART OR ASSEMBLY: SINGLE SPAN SOFFIT DETAILS & DESIGN PRESSURES			



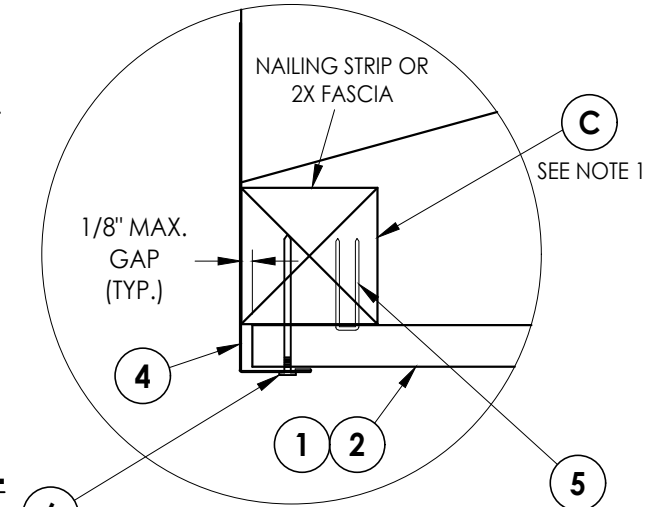
SIDE VIEW - TWIN SPAN w/ FASCIA & J-CHANNEL
(Shown w/ truss/framing overhang)

TWIN SPAN w/ FASCIA & J-CHANNEL			
QUAD 4 (Q4) SOFFIT 24" MAX. TWIN SPAN LENGTH	SPAN "A"	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
SOLID SOFFIT	16"	+60	-60
	20"	+40	-40
	24"	+30	-30
FULL VENT SOFFIT	16"	+50	-50
	20"	+40	-40
	24"	+30	-30

REFER TO THE SOFFIT STAPLE INSTALLATION BELOW



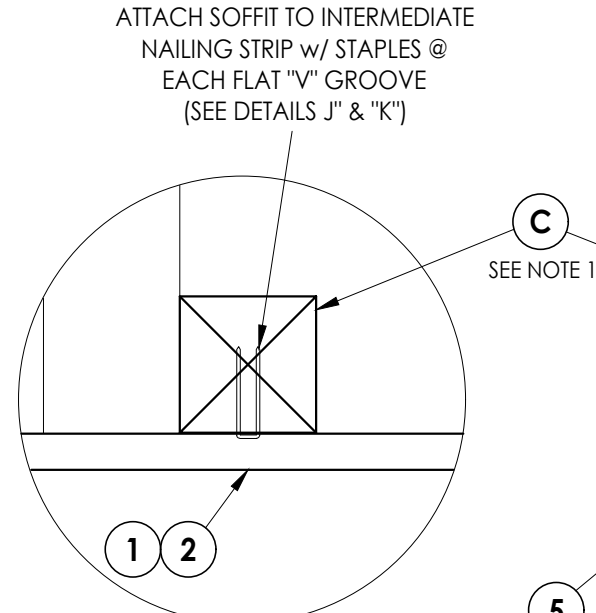
24" MAX. DOUBLE SPAN
(FASCIA & J-CHANNEL NOT SHOWN)



DETAIL "G"

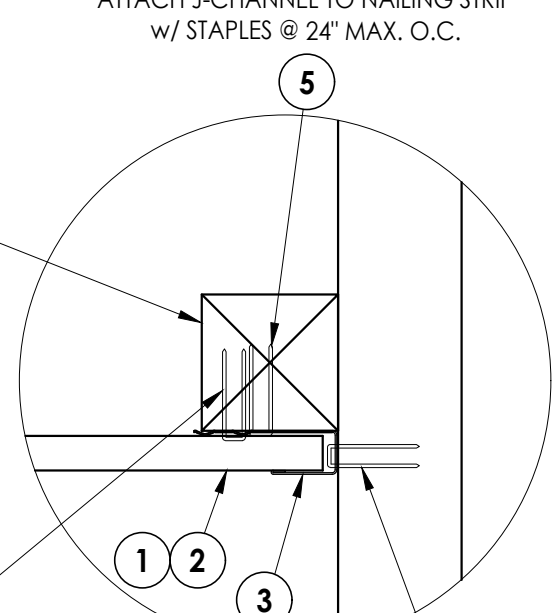
ATTACH FASCIA TO
FRAMING w/ NAILS @
16" MAX. O.C.

ATTACH SOFFIT TO NAILING
STRIP w/ STAPLES @ NAIL HEM
PANEL & AT 4" O.C.
(SEE DETAILS "J" & "K")



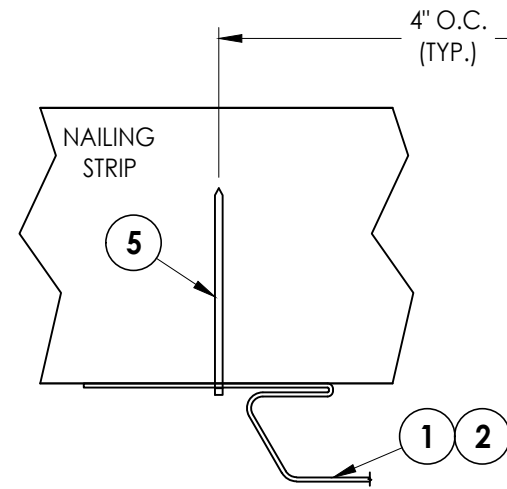
DETAIL "H"

ATTACH SOFFIT TO NAILING
STRIP w/ STAPLES @ NAIL HEM
PANEL & AT 4" O.C.
(SEE DETAILS "J" & "K")

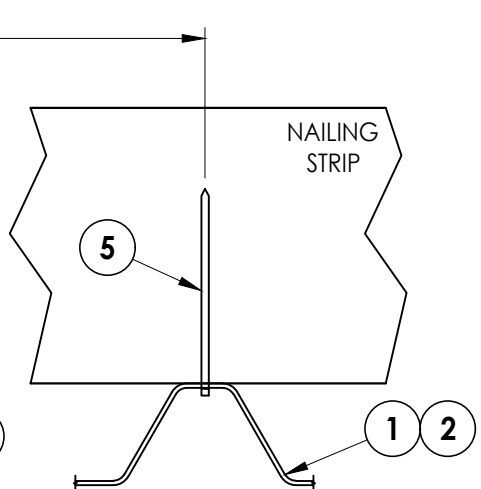


DETAIL "F"

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:
TWIN SPAN SOFFIT DETAILS &
DESIGN PRESSURES

NO.	DATE	BY	LFS	FBC	UPDATE TO 9TH ED. (2026)
1	7/02/26				

DATE:	9/08/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46125.1
SHEET	5 OF 5