



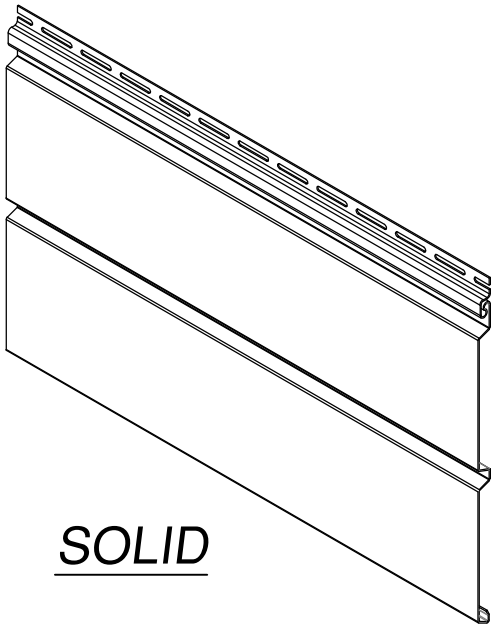
3773 STATE ROAD, CUYAHOGA FALLS, OH 44223

"D5"
VINYL SOFFIT

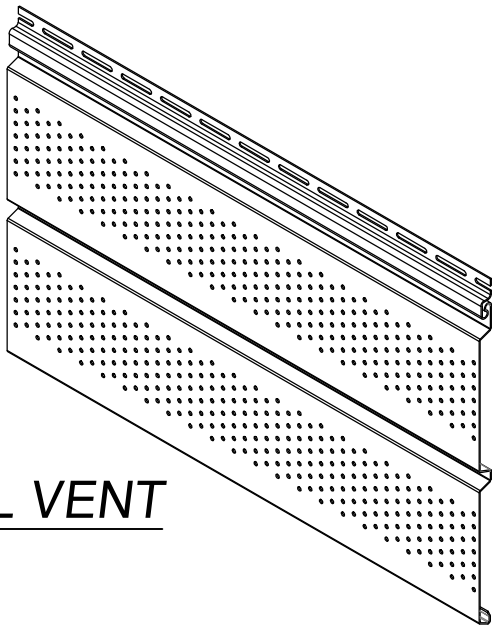
GENERAL NOTES:

- 1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) 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. Vinyl soffits shall be tested and labeled as conforming to the requirements of ASTM D 4477 and FBC Section 1709.10.

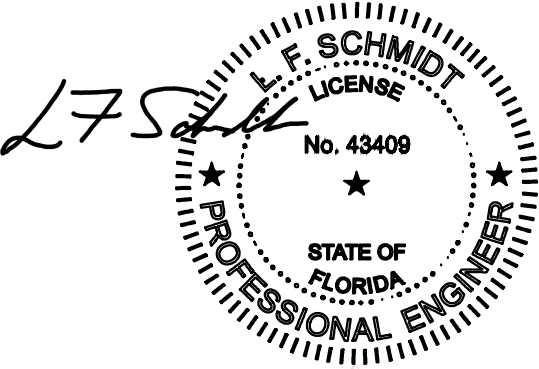
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations & general notes
2	Soffit details & design pressures
3	Soffit details & design pressures
4	Soffit details & design pressures
5	Soffit details & design pressures
6	Soffit details & design pressures
7	Panel details & bill of materials



SOLID



FULL VENT



Digitally signed by Lyndon F Schmidt
Date: 2023.10.09 15:17:19 -04'00'

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

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

VINYL SOFFIT

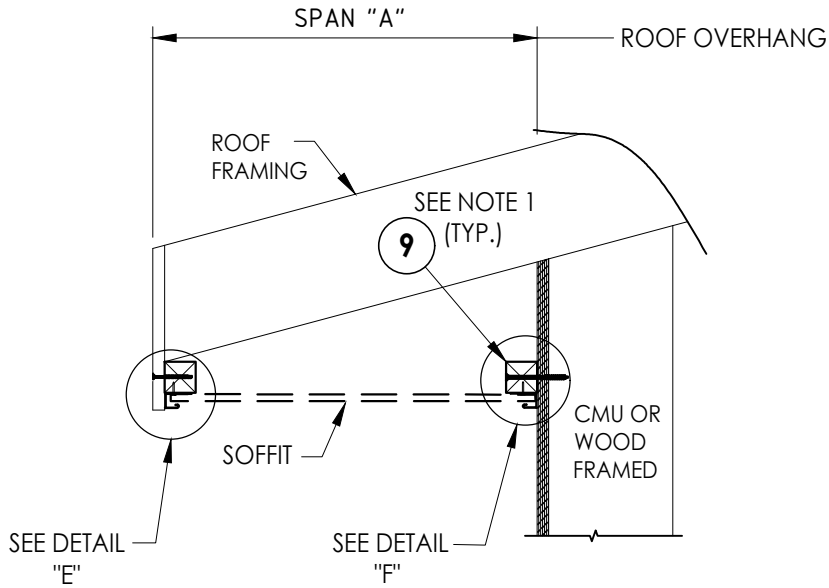
PART OR ASSEMBLY:
TYPICAL ELEVATIONS & GENERAL NOTES

6	10/9/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	1/28/21	ADD TRUSS O/H w/ALUM FASCIA	FASCIA	LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL	PANEL	LFS
3	10/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	2/12/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO.	DATE	REVISIONS		

DATE: 02/29/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15272.4
SHEET 1 OF 7

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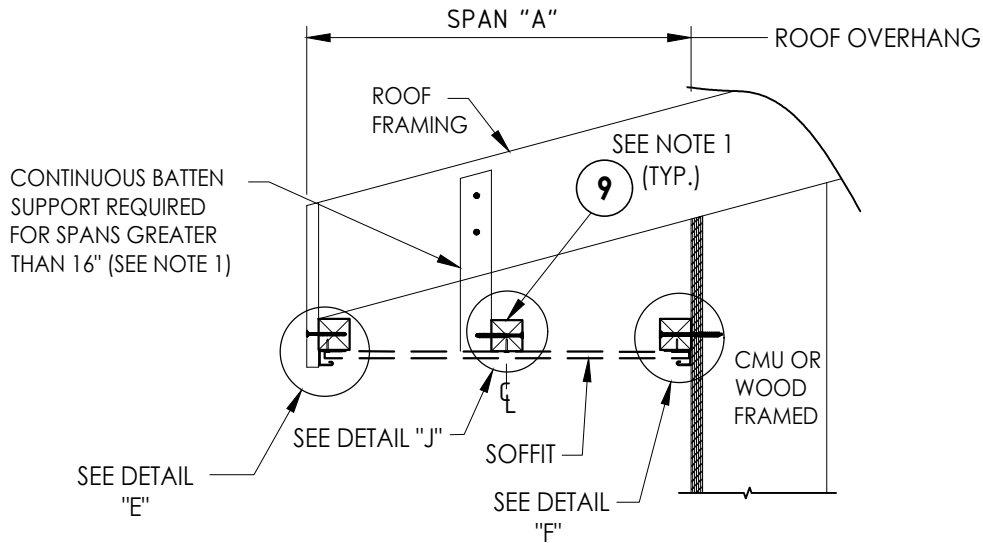
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SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

(Shown w/ truss/framing overhang)

SINGLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
16"	+75.0	-75.0



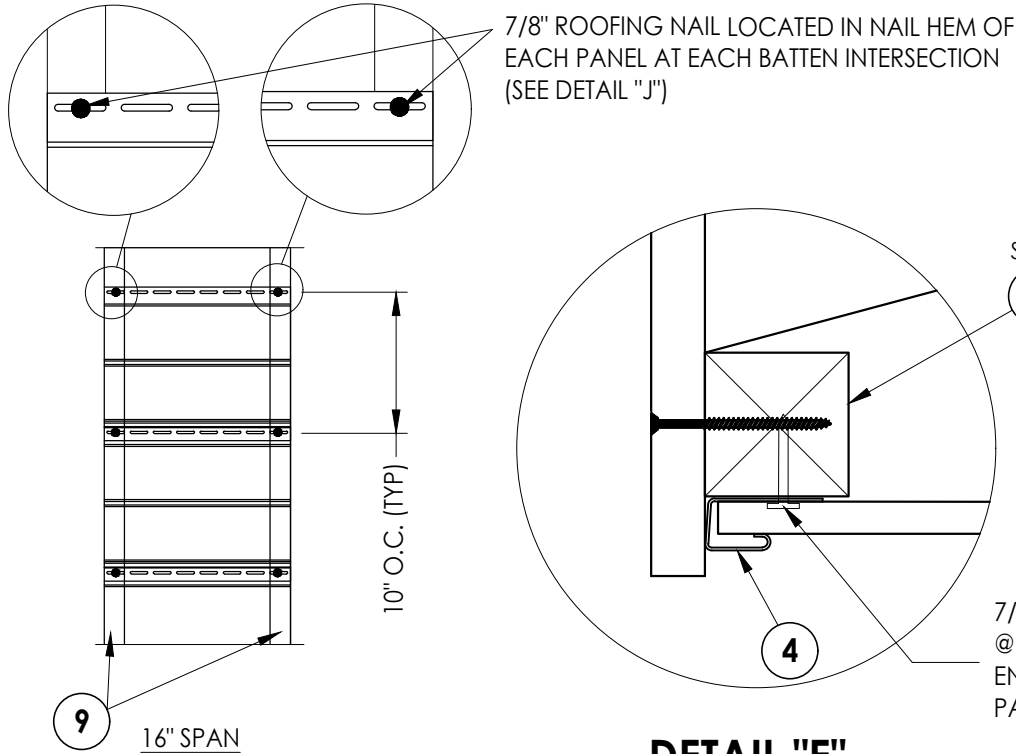
SIDE VIEW - DOUBLE SPAN w/ J-CHANNELS

(Shown w/ truss/framing overhang)

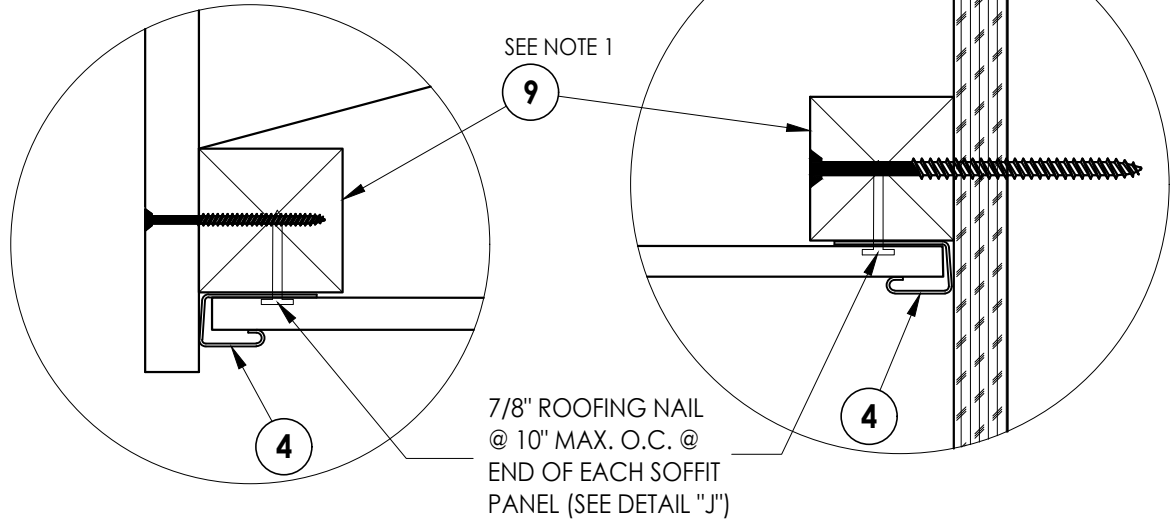
DOUBLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
24"	+60.0	-60.0

NOTES:

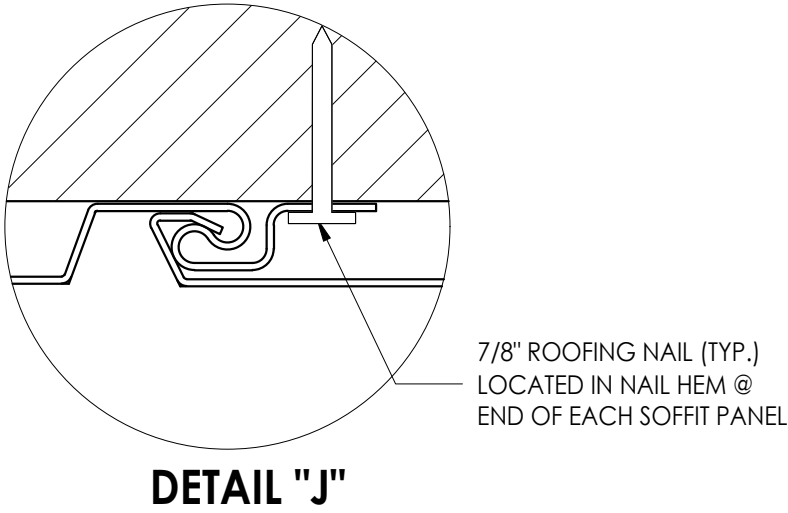
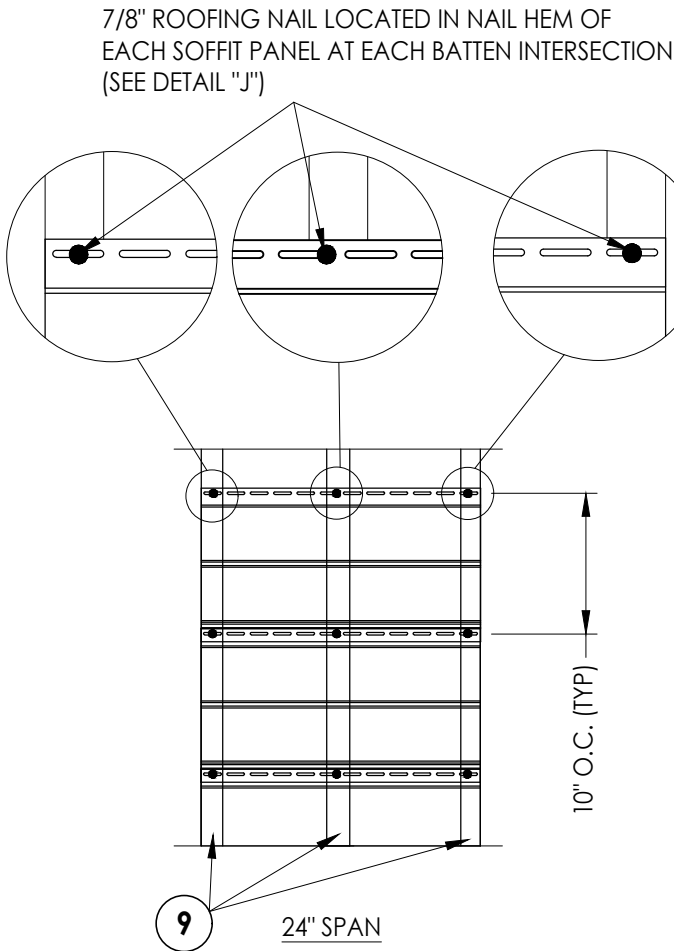
1. WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
2. ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.



DETAIL "E"



DETAIL "F"



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:

VINYL SOFFIT

PART OR ASSEMBLY:

SOFFIT DETAILS &
DESIGN PRESSURES

NO.	DATE	REVISIONS	BY
6	10/9/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	1/28/21	ADD TRUSS O/H w/ALUM FASCIA	LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL	LFS
3	10/20/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	2/12/15	UPDATE TO 5TH ED. (2014) FBC	LFS

DATE: 02/29/12

SCALE: N.T.S.

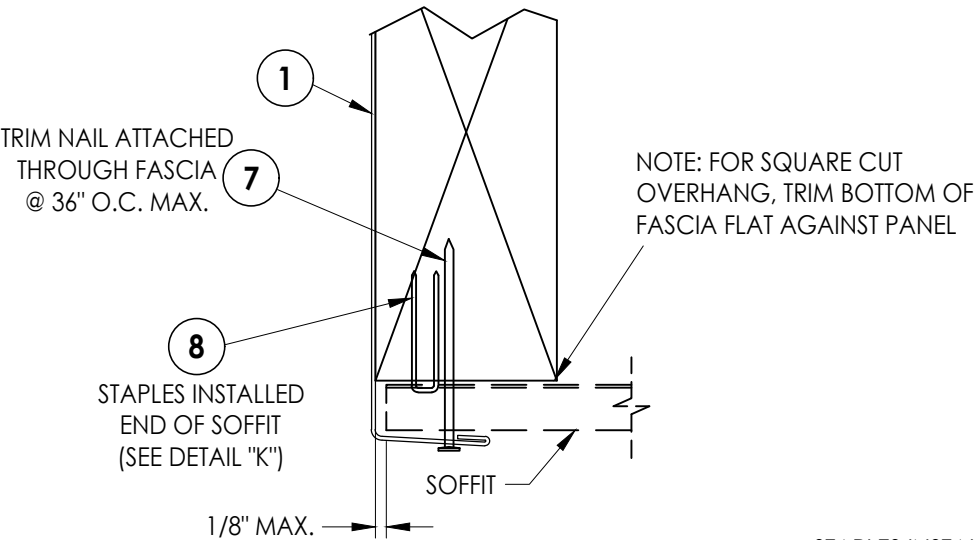
DWG. BY: JK

CHK. BY: LFS

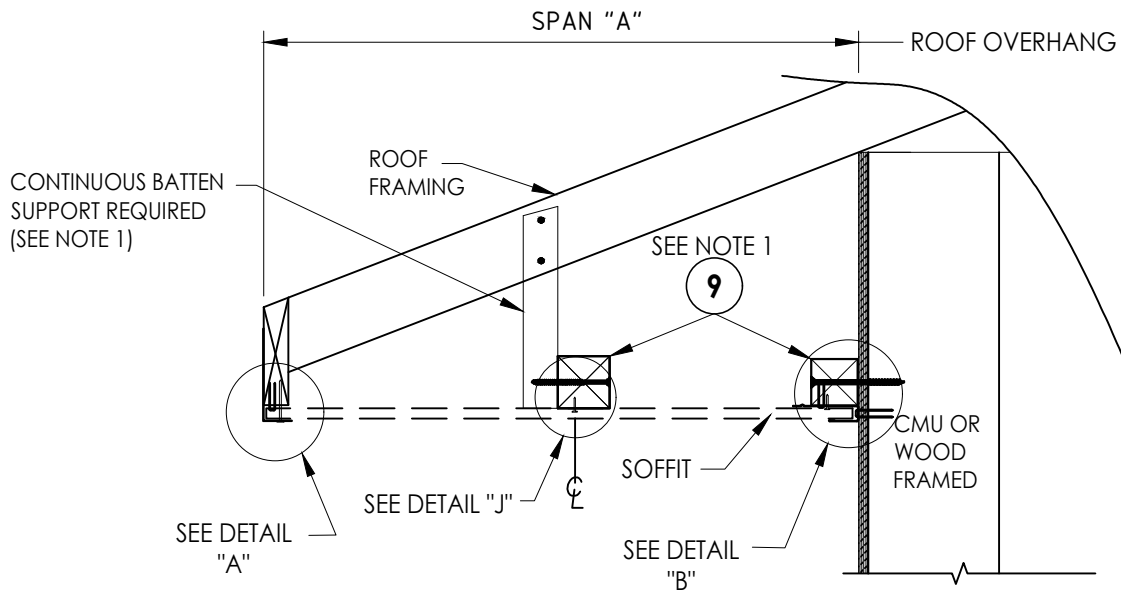
DRAWING NO.: FL-15272.4

SHEET 2 OF 7

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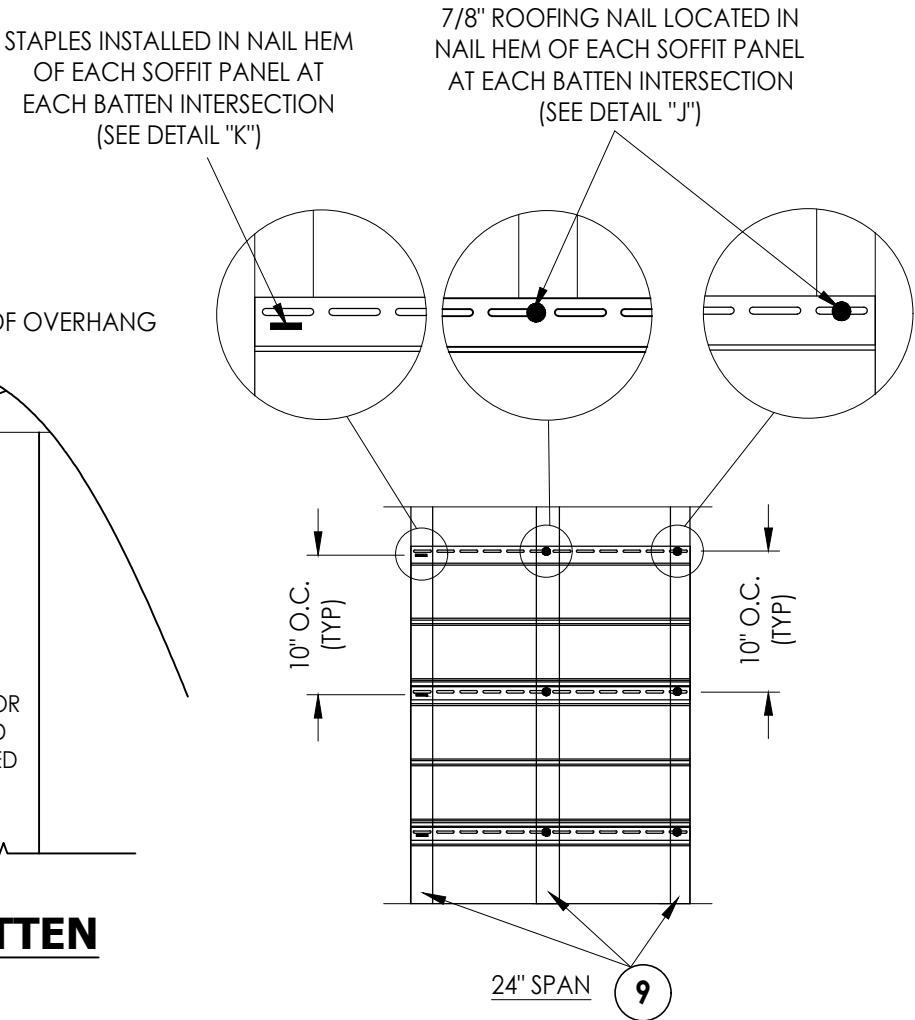


DETAIL "A"
Fascia

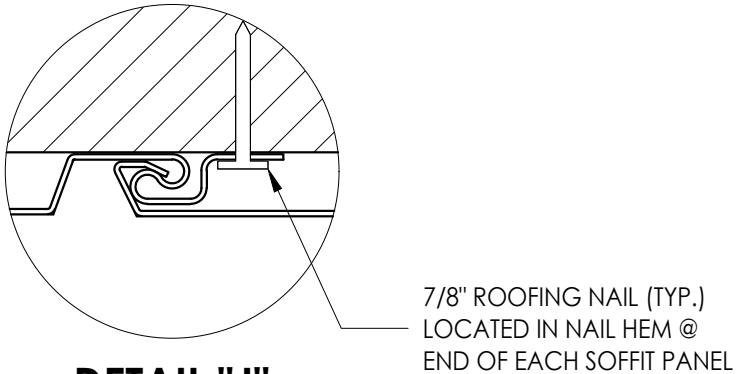


SIDE VIEW - DOUBLE SPAN w/ BATTEN
(Shown w/ truss/framing overhang)

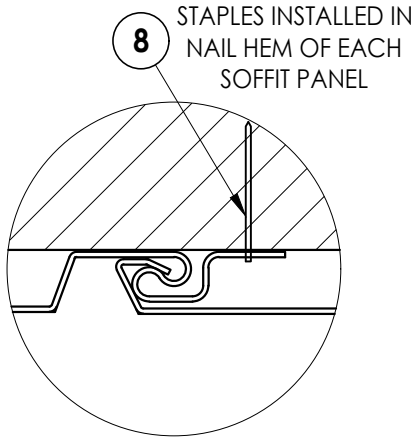
DOUBLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
24"	+75.0	-75.0



DETAIL "B"
J-Channel



DETAIL "J"



DETAIL "K"

- NOTES:
- WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 - ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.

Documents Prepared By:
Lyndon F. Schmidt
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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
6	10/9/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	1/28/21	ADD TRUSS O/H w/ALUM FASCIA	LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL	LFS
3	10/20/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	2/12/15	UPDATE TO 5TH ED. (2014) FBC	LFS

DATE: 02/29/12

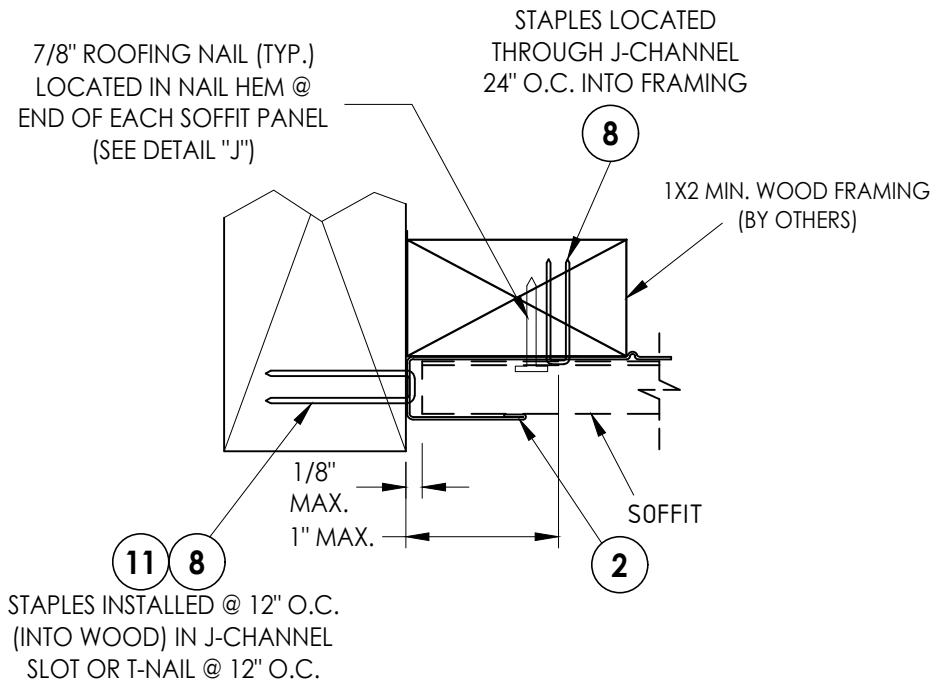
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

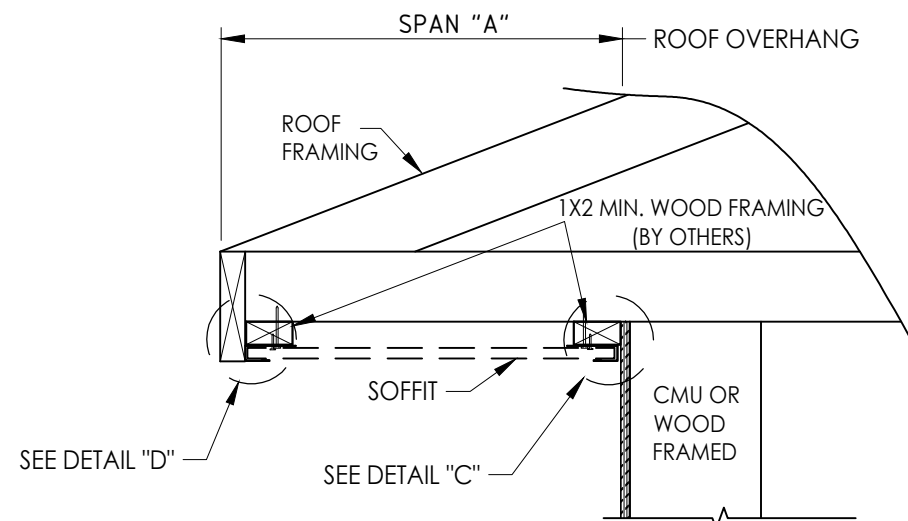
DRAWING NO.: FL-15272.4

SHEET 3 OF 7



DETAIL "D"

J-Channel
Fascia



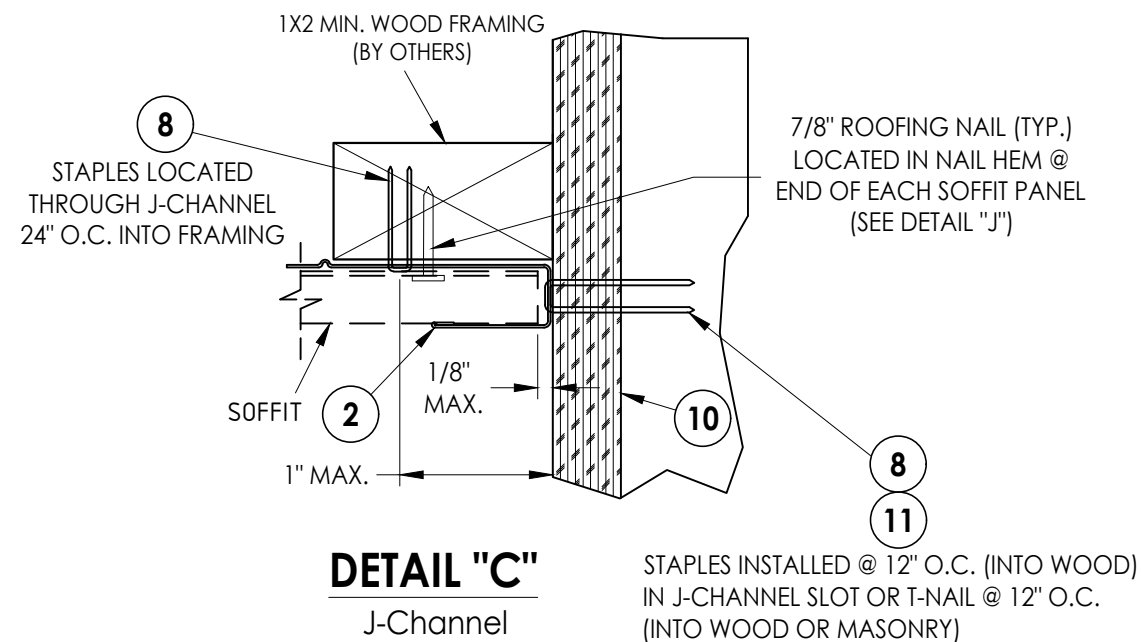
SIDE VIEW - SINGLE SPAN w/ J-CHANNELS

(Shown w/ truss/framing cantilever)

SINGLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
8"	+100.0	-100.0
16"	+40.0	-40.0

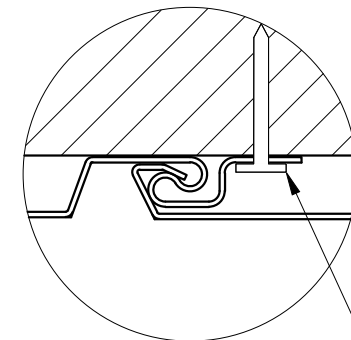
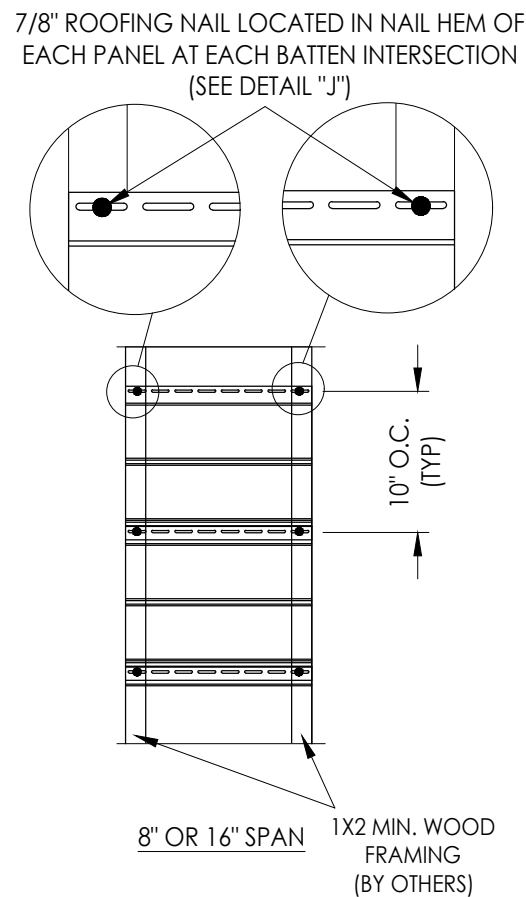
NOTES:

1. WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
2. ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.



DETAIL "C"

J-Channel

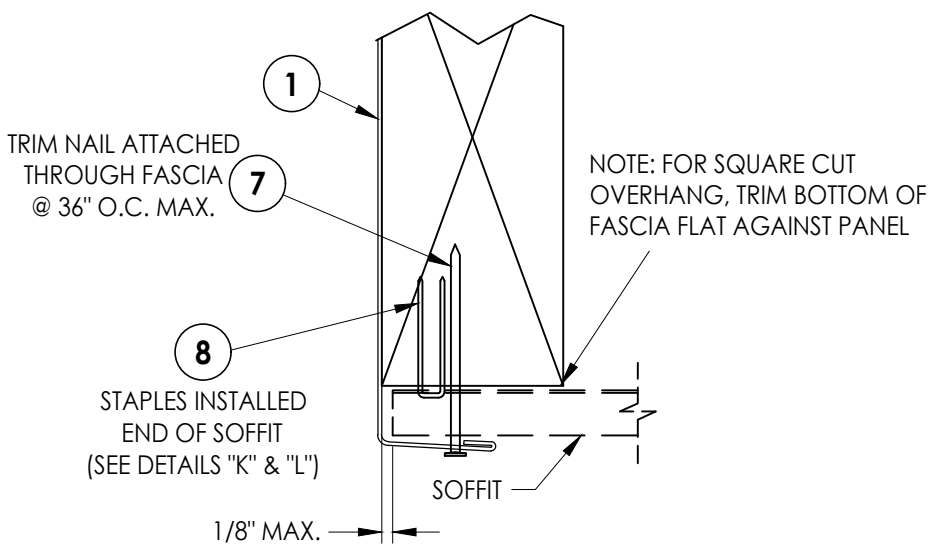


DETAIL "J"

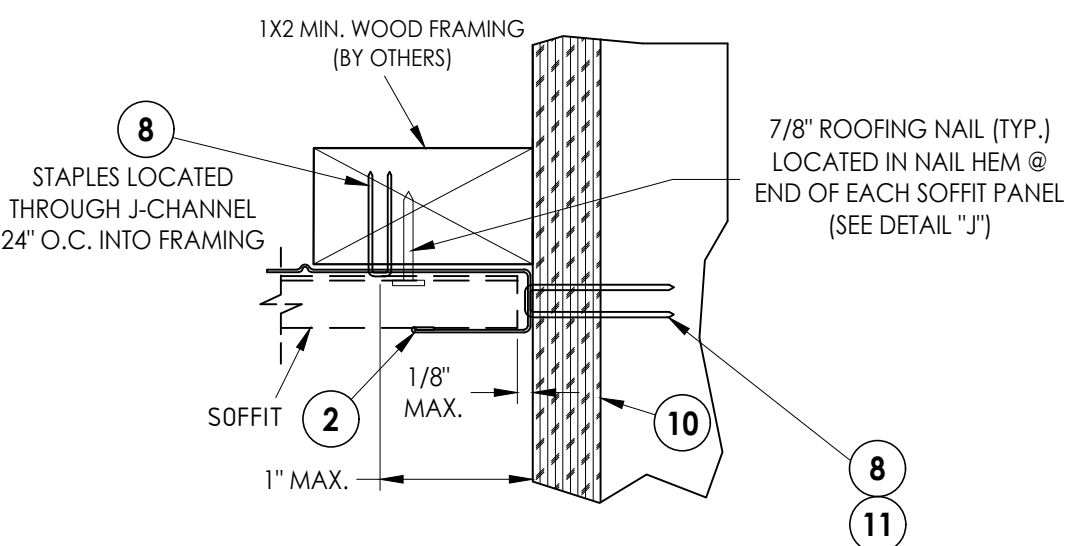
7/8" ROOFING NAIL (TYP.)
- LOCATED IN NAIL HEM @
END OF EACH SOFFIT PANEL

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: VINYL SOFFIT		PART OR ASSEMBLY: SOFFIT DETAILS & DESIGN PRESSURES	
6	10/9/23	UPDATE TO 8TH ED. (2023)	FBC
5	1/28/21	ADD TRUSS O/H w/ALUM FASCIA	LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL	LFS
3	10/20/20	UPDATE TO 7TH ED. (2020)	FBC
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC
1	2/12/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE		
		REVISIONS	
DATE: 02/29/12			
SCALE: N.T.S.			
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.: FL-15272.4			
SHEET 4		OF 7	

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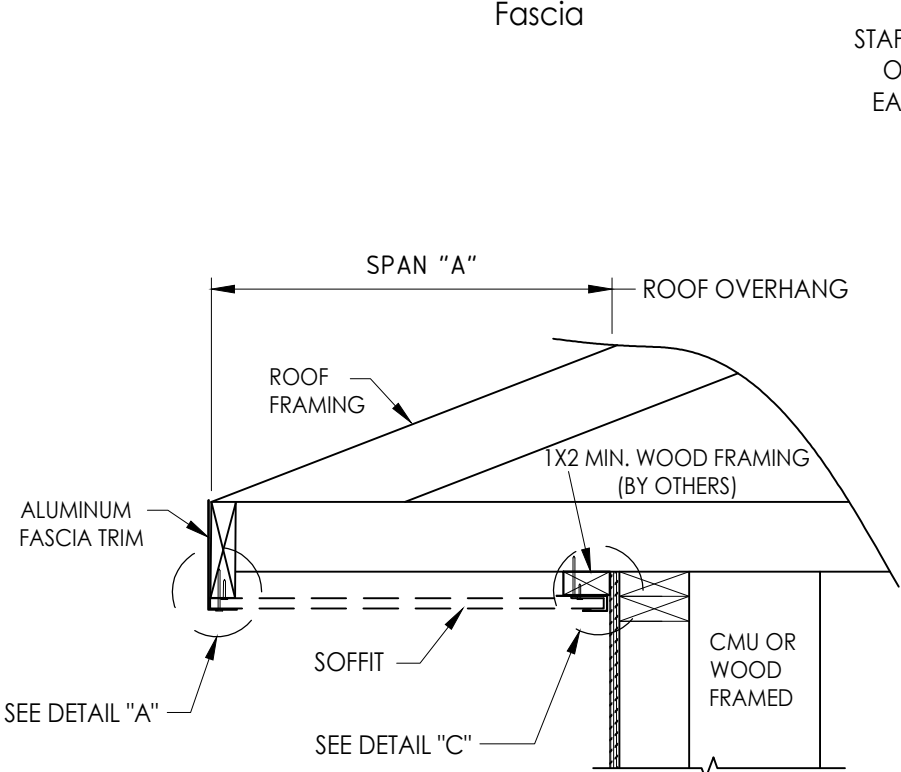


DETAIL "A"
Fascia



DETAIL "C"
J-Channel

STAPLES INSTALLED @ 12" O.C. (INTO WOOD) IN J-CHANNEL SLOT OR T-NAIL @ 12" O.C. (INTO WOOD OR MASONRY)

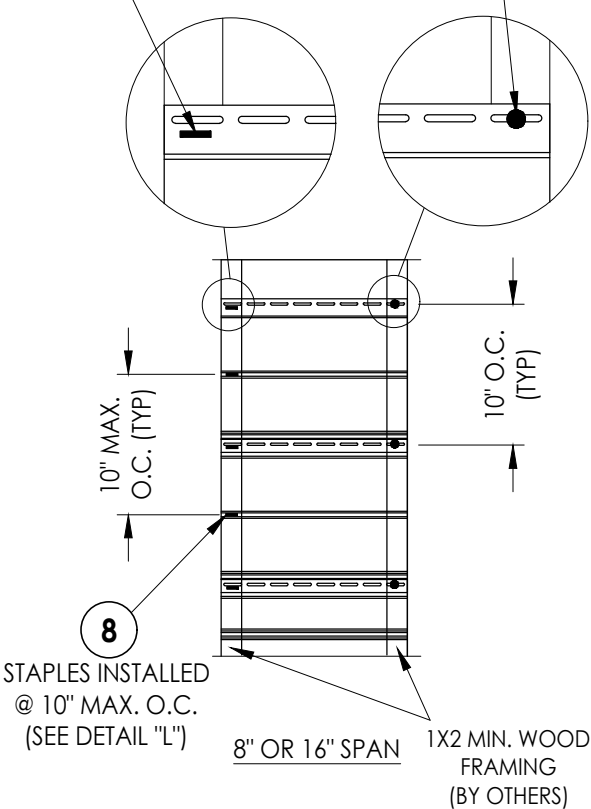


SIDE VIEW - SINGLE SPAN w/ J-CHANNEL
(Shown w/ truss/framing cantilever)

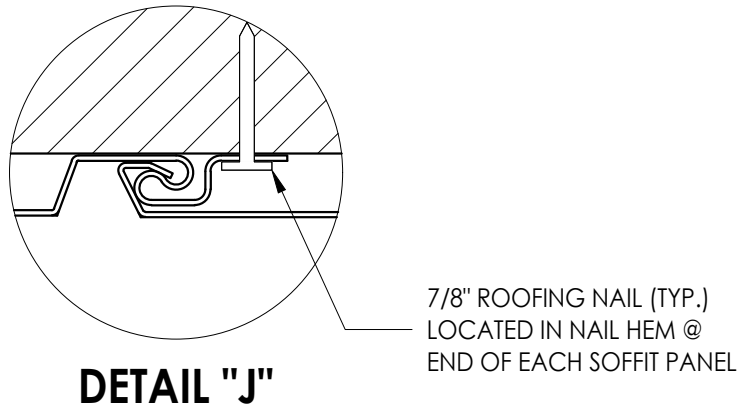
SINGLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
8"	+141.0	-141.0
16"	+35.0	-35.0

STAPLES INSTALLED IN NAIL HEM OF EACH SOFFIT PANEL AT EACH BATTEN INTERSECTION (SEE DETAIL "K")

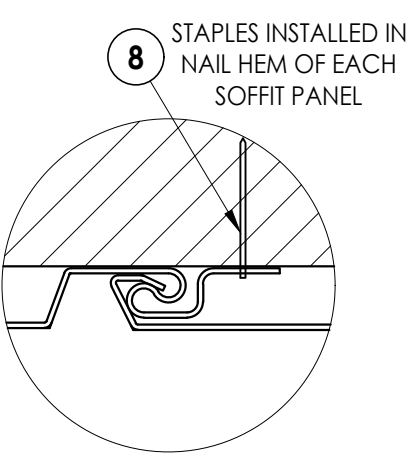
7/8" ROOFING NAIL LOCATED IN NAIL HEM OF EACH SOFFIT PANEL AT EACH BATTEN INTERSECTION (SEE DETAIL "J")



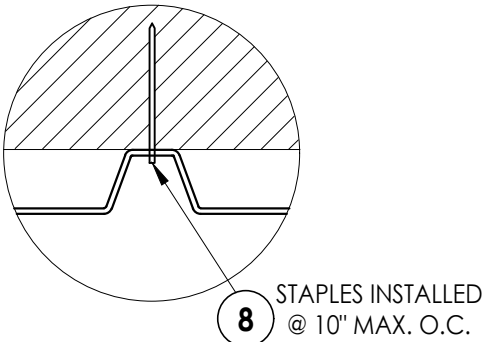
- NOTES:
- WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 - ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.



DETAIL "J"



DETAIL "K"



DETAIL "L"

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
6	10/9/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	1/28/21	ADD TRUSS O/H w/ALUM FASCIA LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL LFS
3	10/20/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	10/03/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	2/12/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 02/29/12

SCALE: N.T.S.

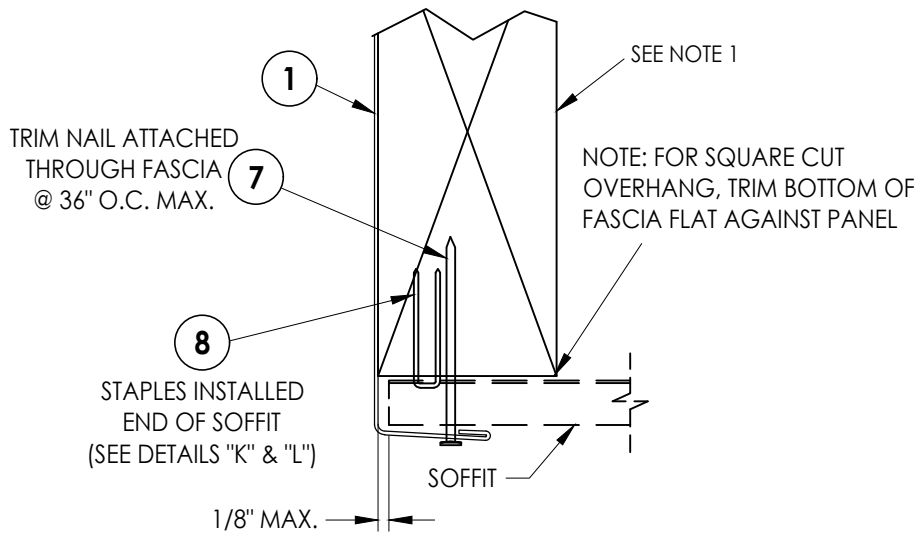
DWG. BY: JK

CHK. BY: LFS

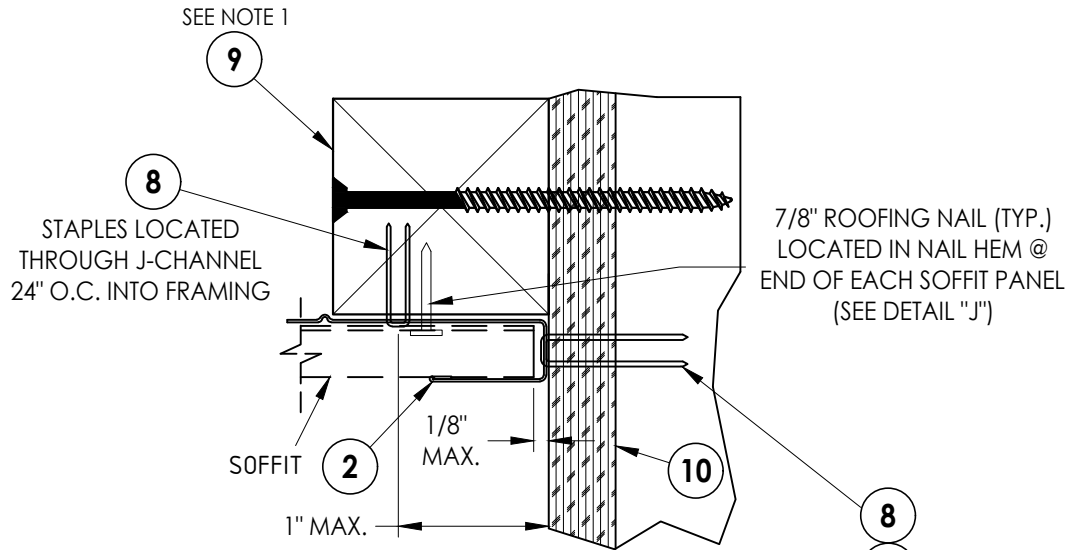
DRAWING NO.:
FL-15272.4

SHEET 5 OF 7

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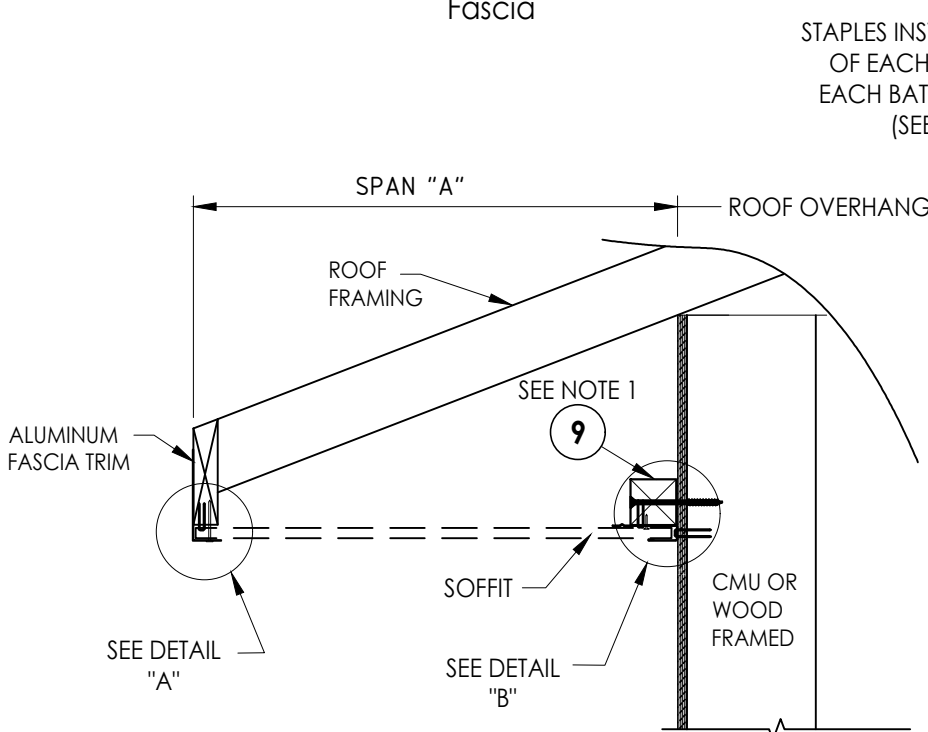


DETAIL "A"
Fascia



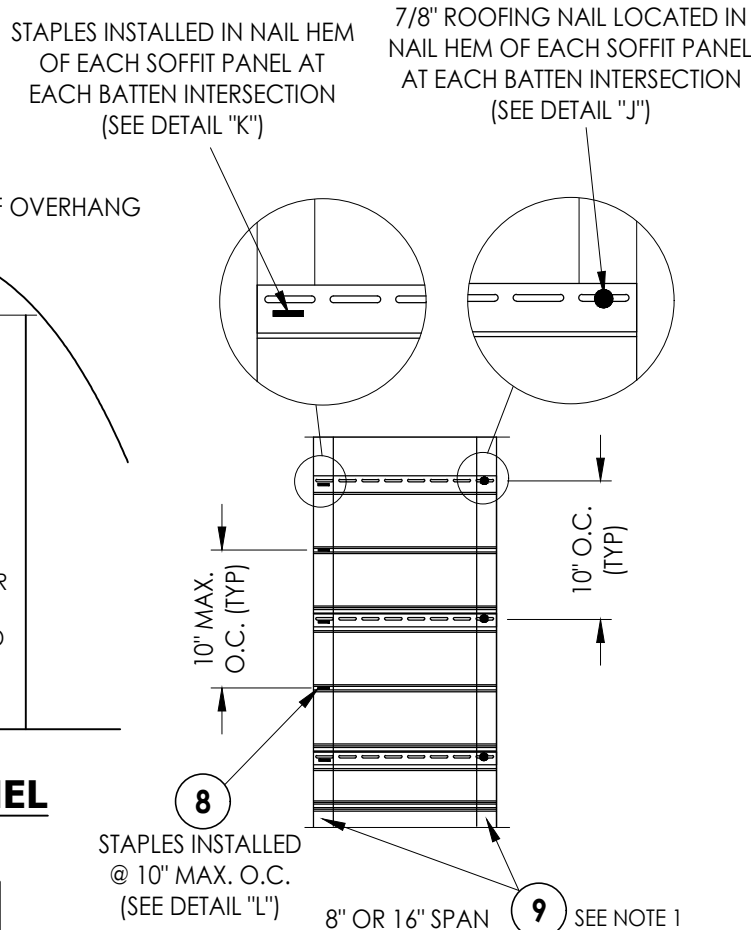
DETAIL "B"
J-Channel

STAPLES INSTALLED @ 12" O.C. (INTO WOOD) IN J-CHANNEL SLOT OR T-NAIL @ 12" O.C. (INTO WOOD OR MASONRY)

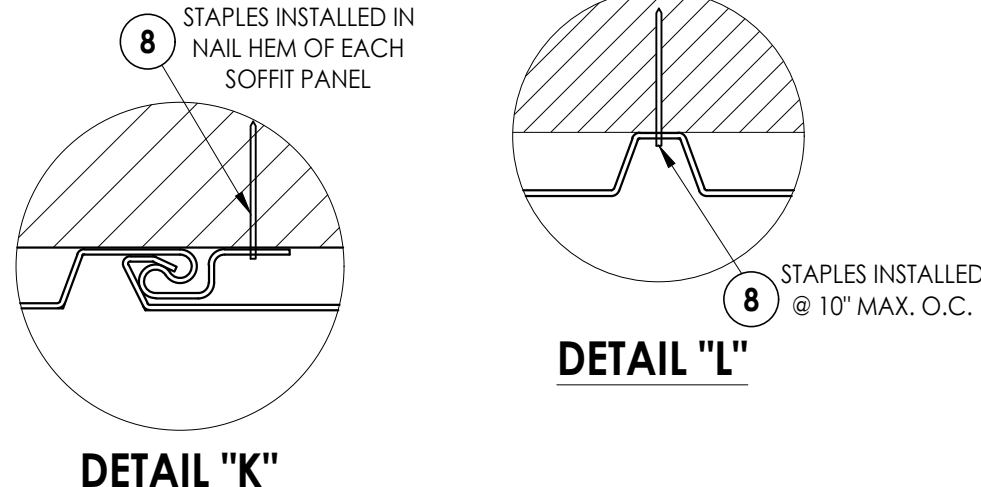
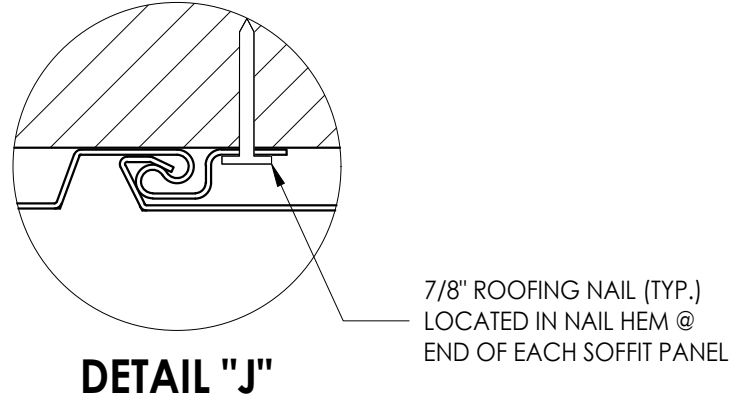


SIDE VIEW - SINGLE SPAN w/ J-CHANNEL
(Shown w/ truss/framing overhang)

SINGLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
8"	+141.0	-141.0
16"	+35.0	-35.0



- NOTES:
- WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 - ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.

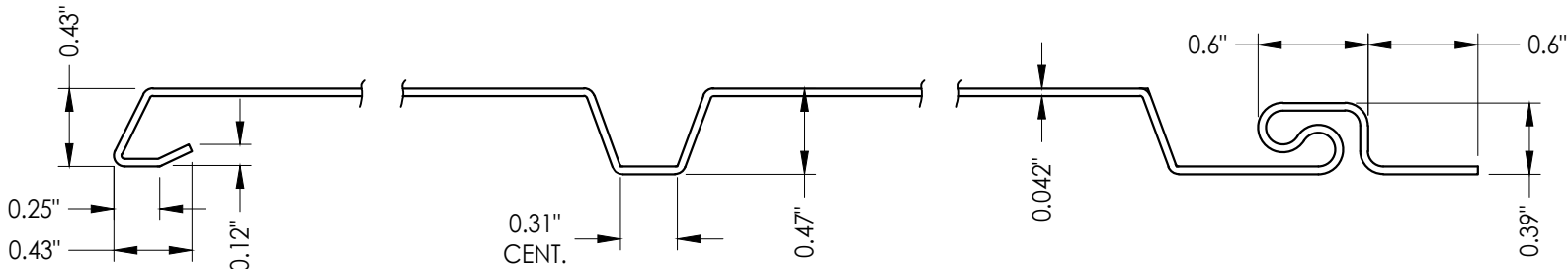


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PRODUCT: VINYL SOFFIT		PART OR ASSEMBLY: SOFFIT DETAILS & DESIGN PRESSURES	
6	10/9/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	1/28/21	ADD TRUSS O/H w/ALUM FASCIA	LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL	LFS
3	10/20/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	2/12/15	UPDATE TO 5TH ED. (2014) FBC	LFS
NO.	DATE	REVISIONS	
DATE: 02/29/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15272.4			
SHEET 6 OF 7			

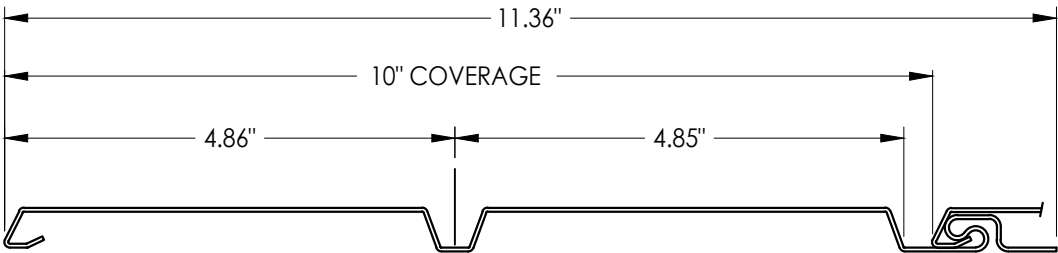
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"D5" SOFFIT	AIR FLOW	
	FREE FLOW AREA (in ² /ft ²)	% FREE FLOW AREA
FULL VENT	6.36	4.4%

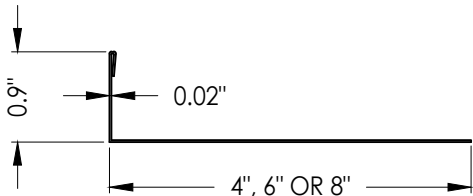
ITEM	DESCRIPTION	MATERIAL
1	FASCIA	ALUMINUM
2	"J" CHANNEL	ALUMINUM
4	"J" CHANNEL	VINYL
6	D5 PANEL	VINYL
7	#15 X 1-3/4" TRIM NAIL	S.S.
8	18" GA. X 1/4" SS STAPLE (w/ 7/8" MIN. EMBEDMENT)	STEEL
9	2" X 2" BATTEN STRIP (SG=0.42 OR BETTER)	WOOD
10	APA B-C- GROUP 1 EXT. 15/32" PLYWOOD OR BETTER	WOOD
11	0.097" DIA. T-NAIL (w/ 7/8" MIN. EMBEDMENT)	STEEL



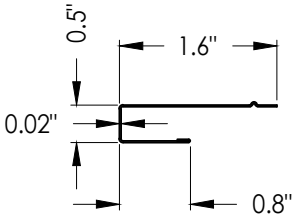
RIB AND END DETAILS



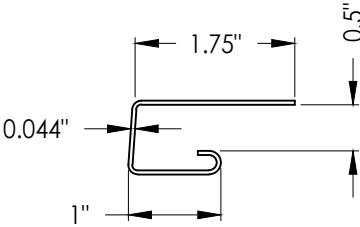
6 D5 PANEL



1 FASCIA
Aluminum



2 "J" CHANNEL
Aluminum



4 "J" CHANNEL
Vinyl

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: VINYL SOFFIT		PART OR ASSEMBLY: PANEL DETAILS AND BILL OF MATERIALS		
6	10/9/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	1/28/21	ADD TRUSS O/H w/ALUM FASCIA	LFS	
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL	LFS	
3	10/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	2/12/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO.	DATE			BY
REVISIONS				
DATE: 02/29/12				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15272.4				
SHEET 7 OF 7				