



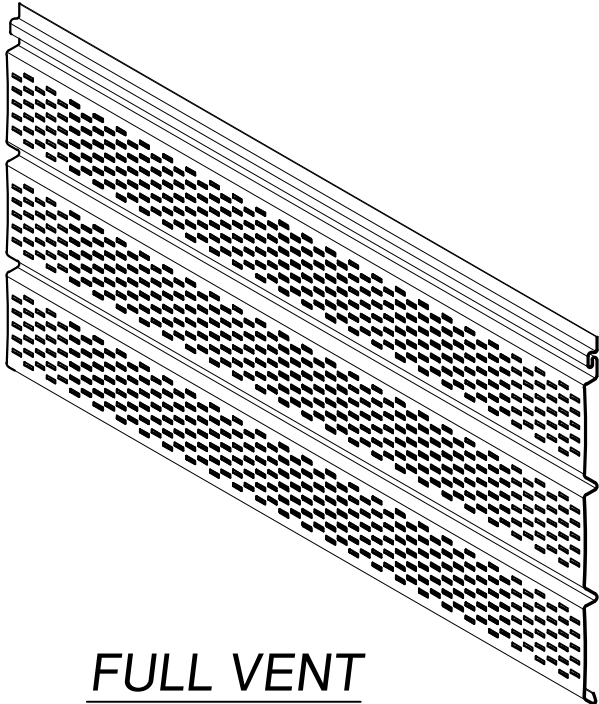
3773 STATE ROAD, CUYAHOGA FALLS, OH 44223

"2T"
VINYL SOFFIT

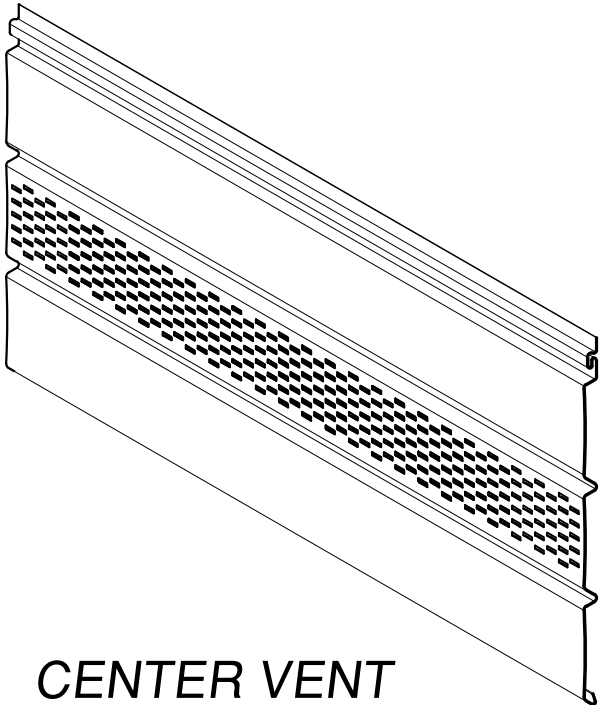
GENERAL NOTES:

- 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.

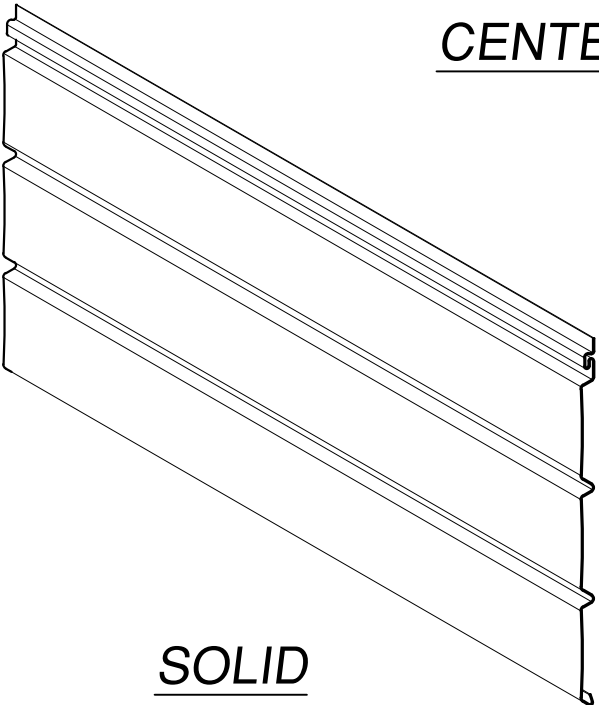
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations & general notes
2	Soffit details & design pressures
3	Soffit details & design pressures
4	Soffit details & design pressures
5	Soffit details & design pressures
6	Panel details & bill of materials



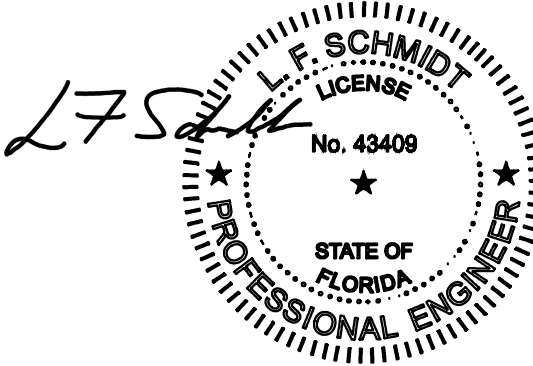
FULL VENT



CENTER VENT



SOLID



Digitally signed by Lyndon F Schmidt
Date: 2023.10.09 15:16:49 -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

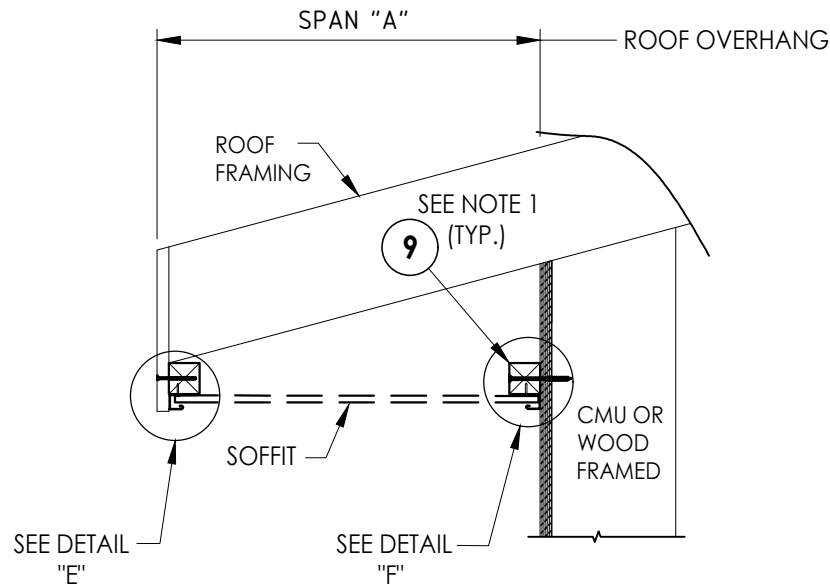
5	10/9/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL		LFS
3	10/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	2/12/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO.	DATE	REVISIONS		

DATE: 2/29/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15272.1
SHEET 1 OF 6

© 2012 R.W. BUILDING CONSULTANTS INC.

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

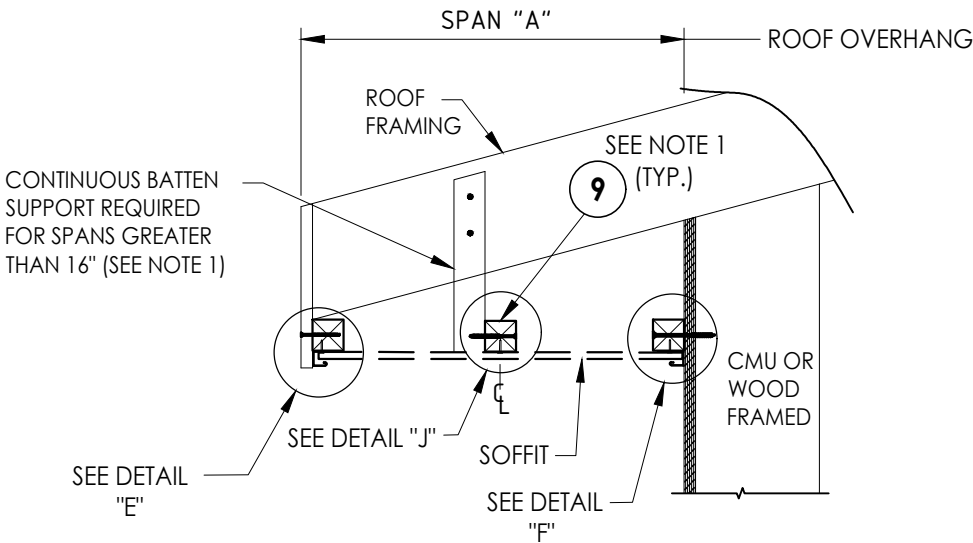
Z:\2023 FBC Drawings\Aside - Siding Division\FL-15272 R6\FL-15272.1-3.5.6.dwg



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

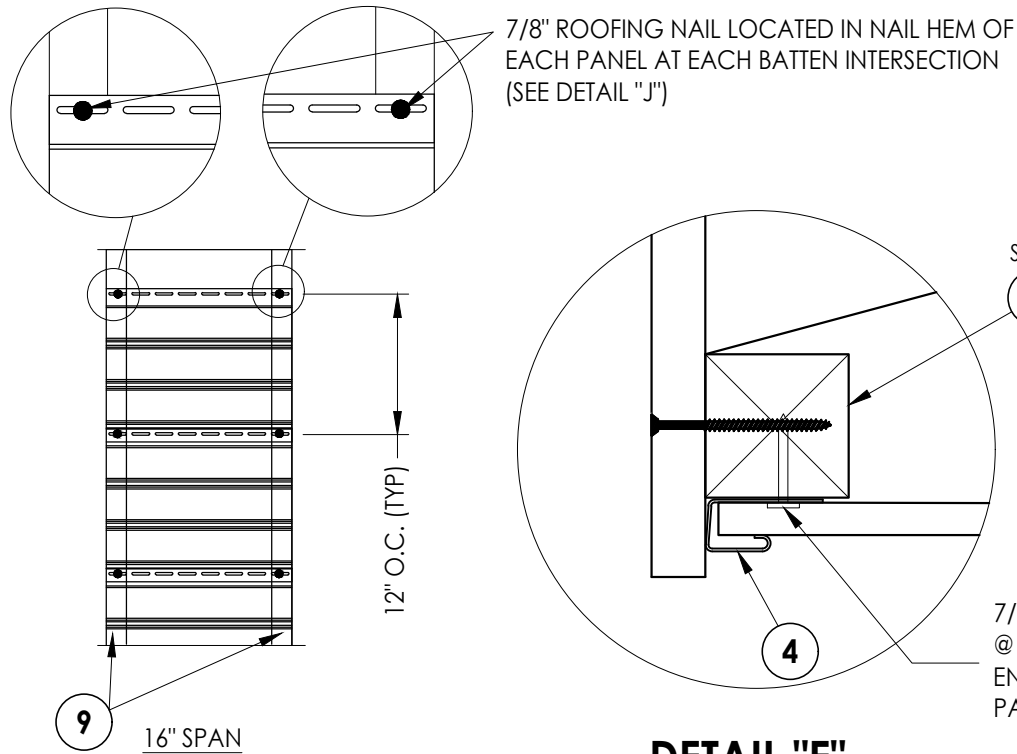


SIDE VIEW - DOUBLE SPAN w/ J-CHANNELS

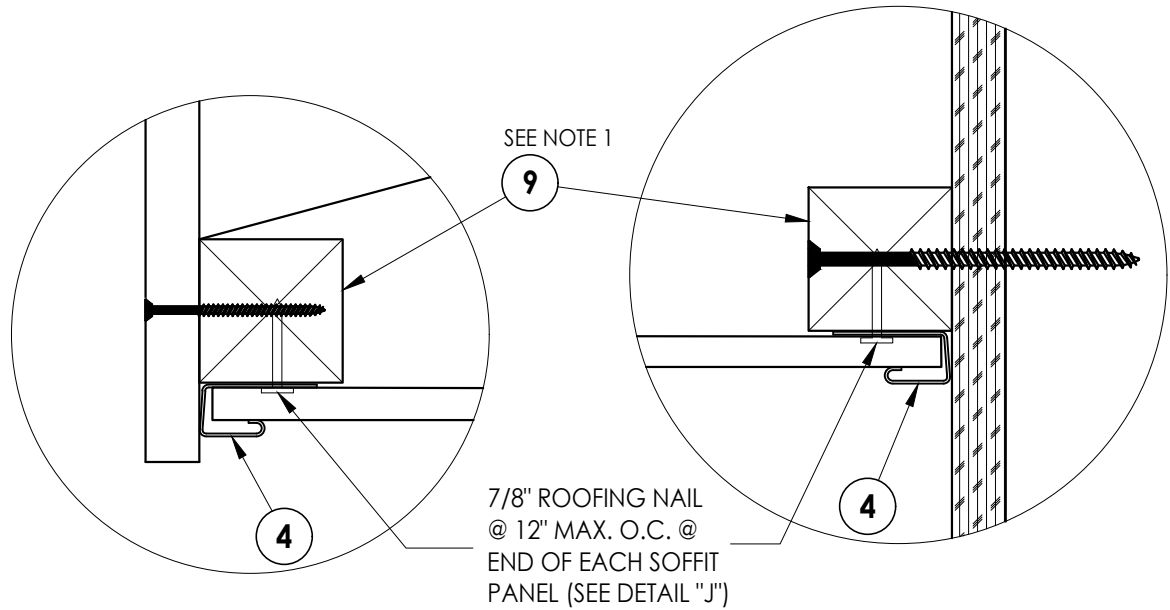
(Shown w/ truss/framing overhang)

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

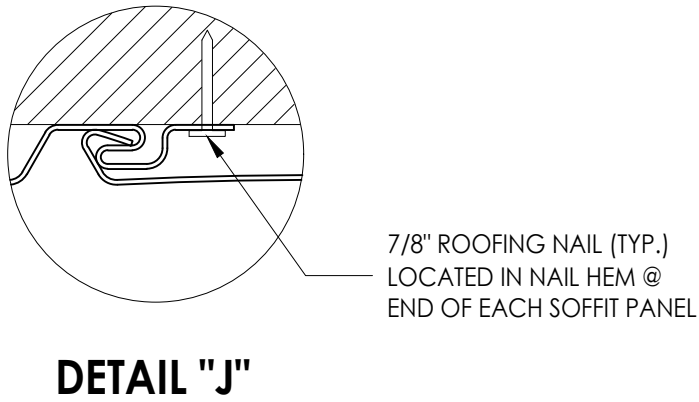
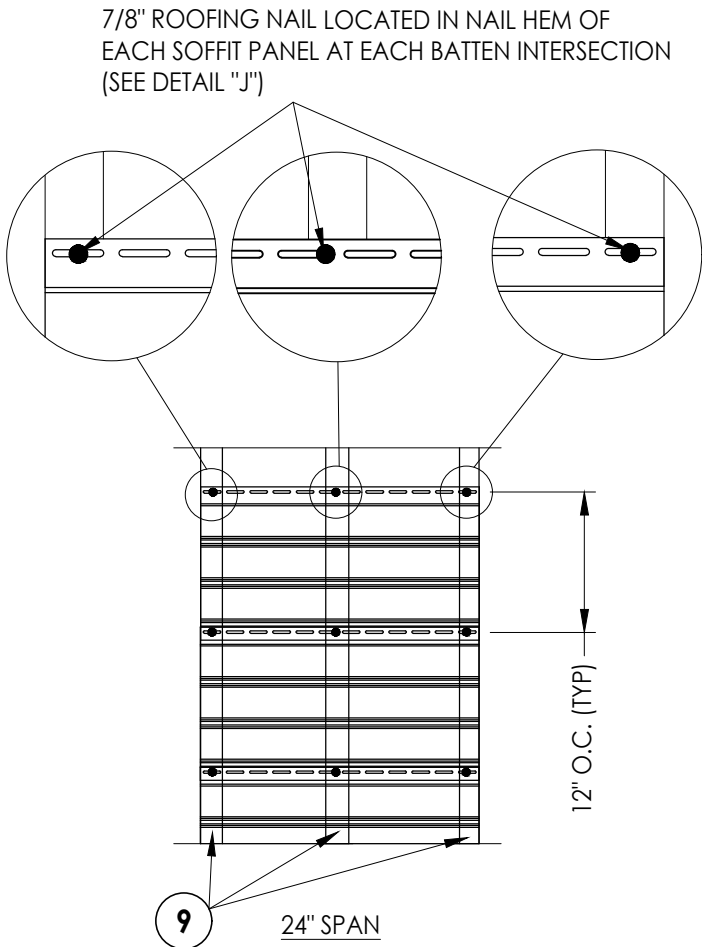
- NOTES:
- WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 - ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.



DETAIL "E"



DETAIL "F"



DETAIL "J"

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
5	10/9/23	UPDATE TO 8TH ED. (2023) FBC 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

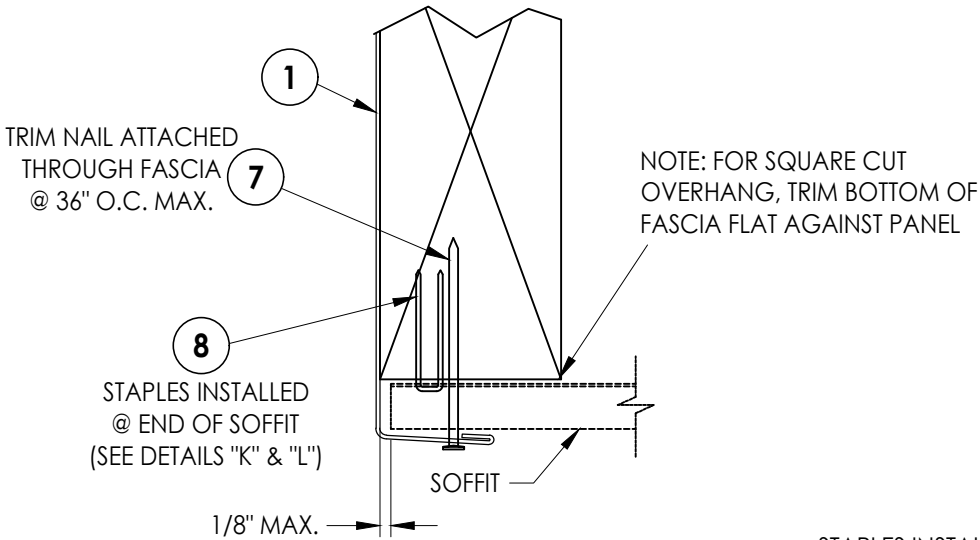
CHK. BY: LFS

DRAWING NO.:

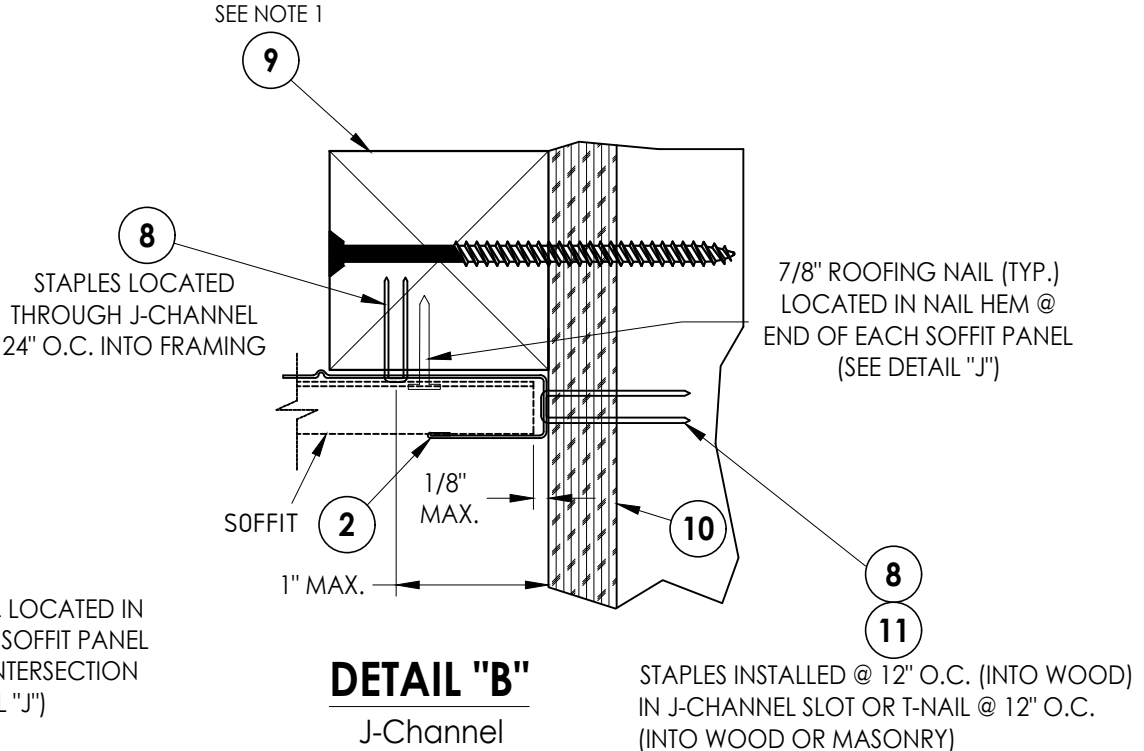
FL-15272.1

SHEET 2 OF 6

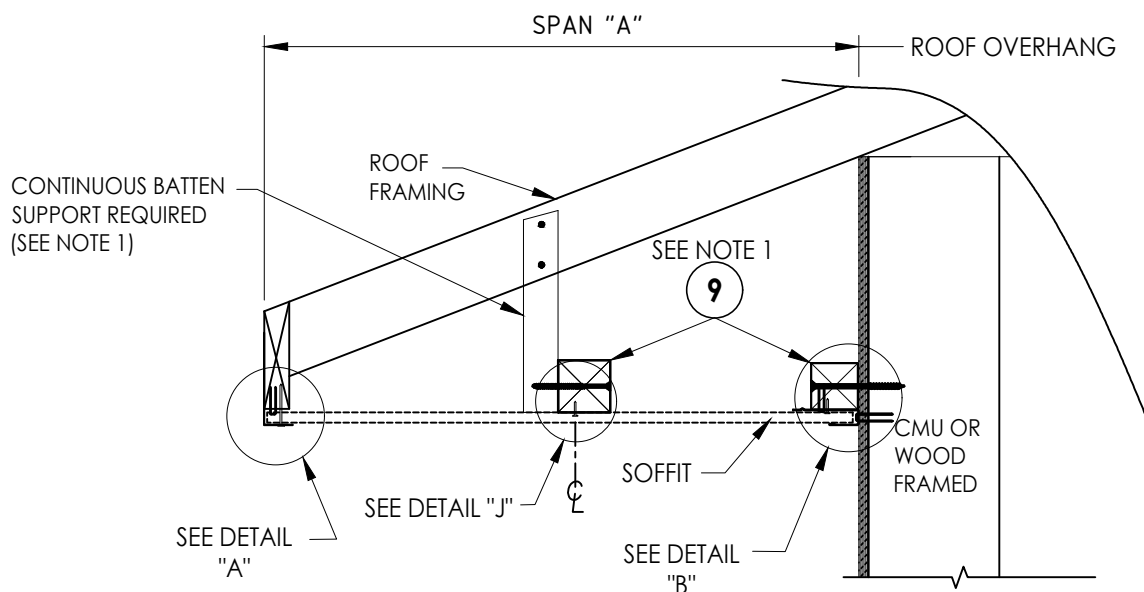
Z:\2023 FBC Drawings\Aside - Siding Division\FL-15272 R6\FL-15272.1-3.5.6.dwg



DETAIL "A"
Fascia

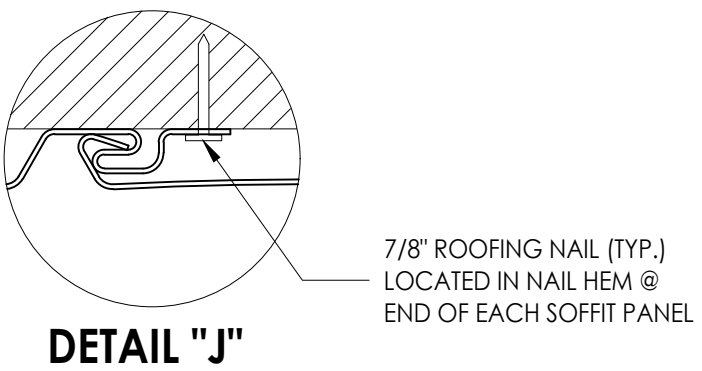
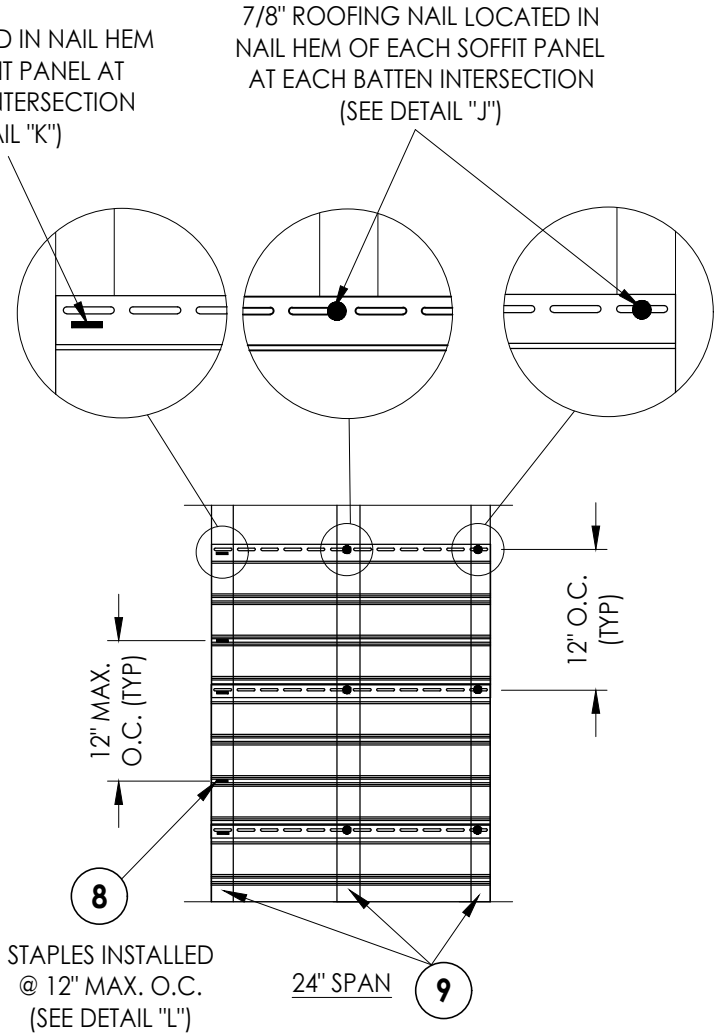


DETAIL "B"
J-Channel

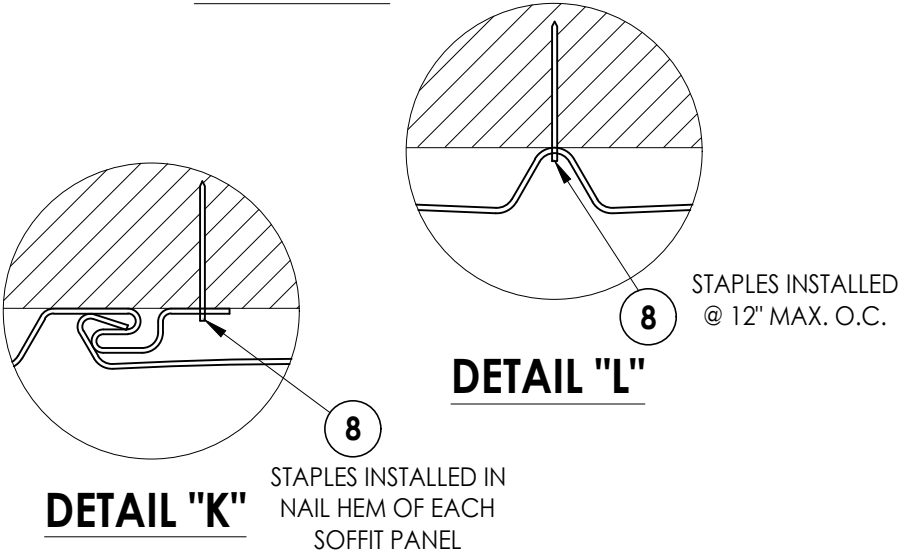


SIDE VIEW - DOUBLE SPAN w/ BATTEN
(Shown w/ truss/framing overhang)

DOUBLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
24"	+50.0	-50.0



DETAIL "J"



DETAIL "K"

DETAIL "L"

- 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
P.E. No. 43409

PRODUCT:
VINYL SOFFIT

PART OR ASSEMBLY:
SOFFIT DETAILS &
DESIGN PRESSURES

5	10/9/23	UPDATE TO 8TH ED. (2023)	FBC	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

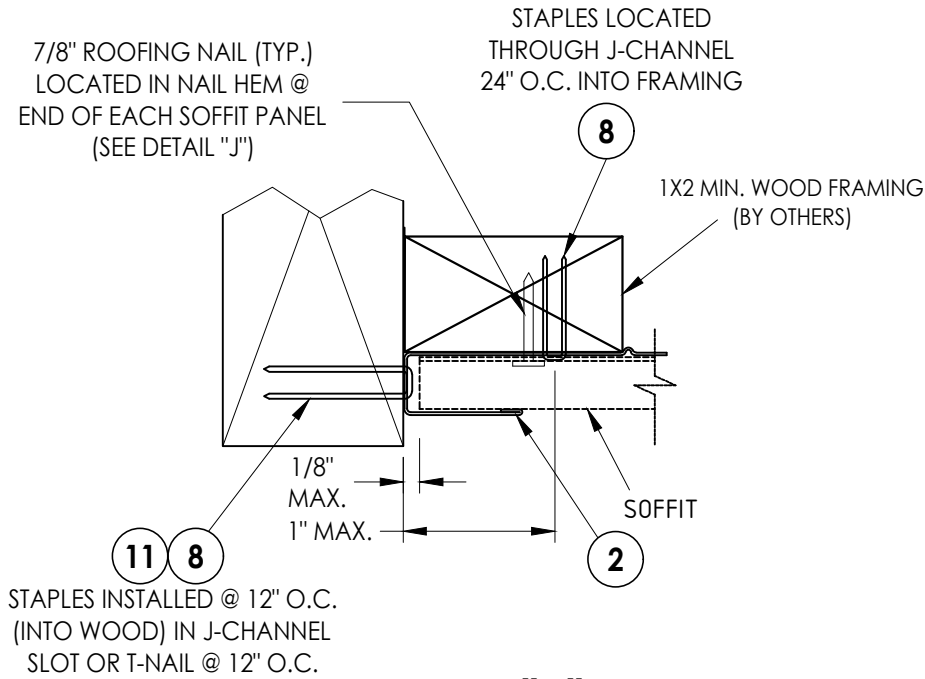
DATE: 02/29/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15272.1
SHEET 3 OF 6

RW

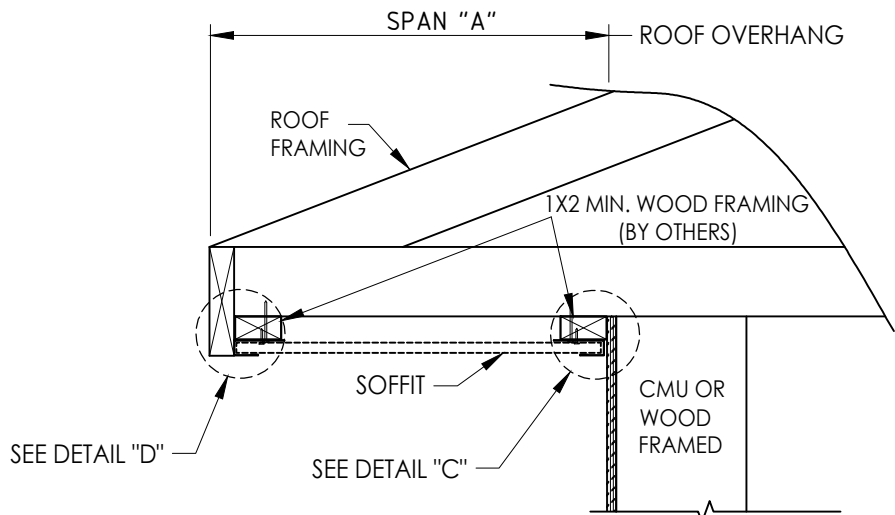
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2012 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\Aside - Siding Division\FL-15272 R6\FL-15272.1-3.5.6.dwg



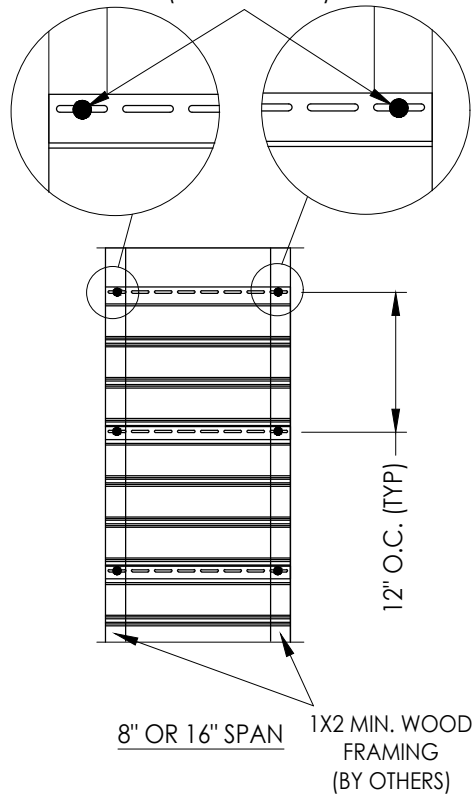
DETAIL "D"
J-Channel
Fascia



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

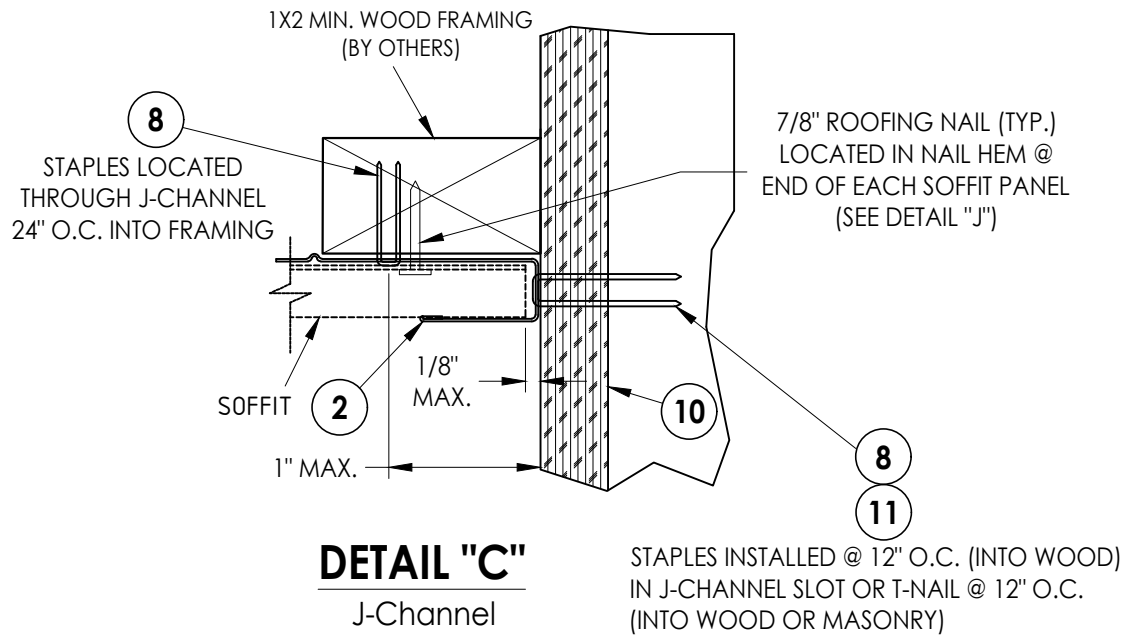
SINGLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
8"	+100.0	-100.0
16"	+40.0	-40.0

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

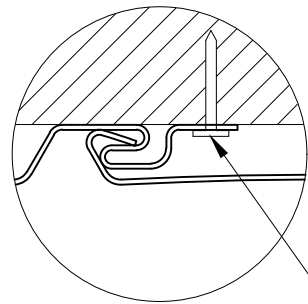


NOTES:

- 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 "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

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

		10/9/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	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

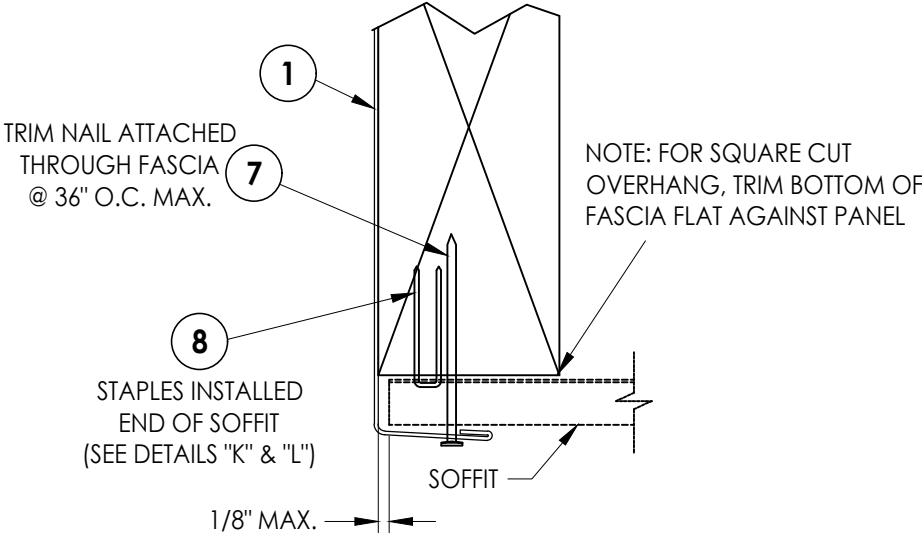
CHK. BY: LFS

DRAWING NO.:

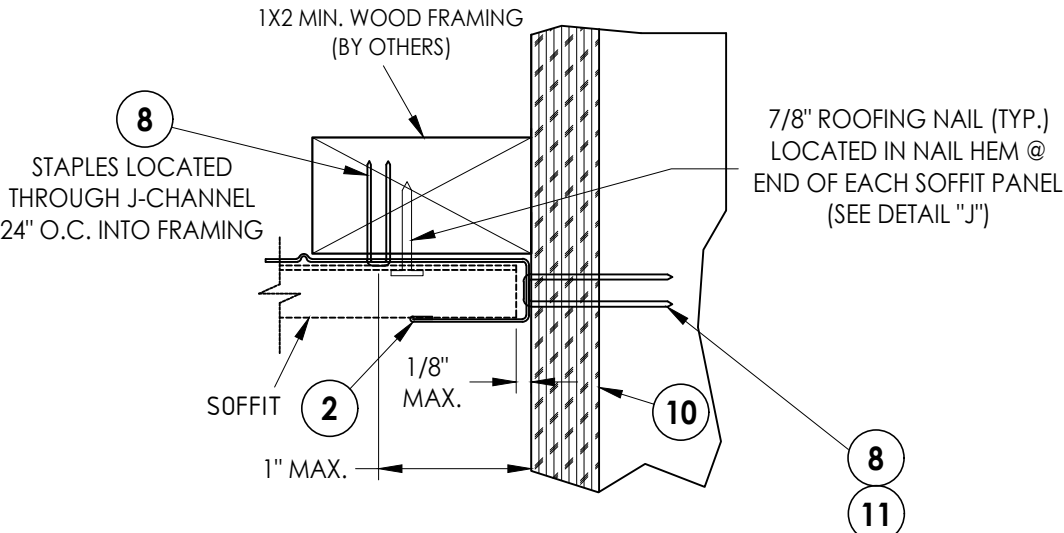
FL-15272.1

SHEET 4 OF 6

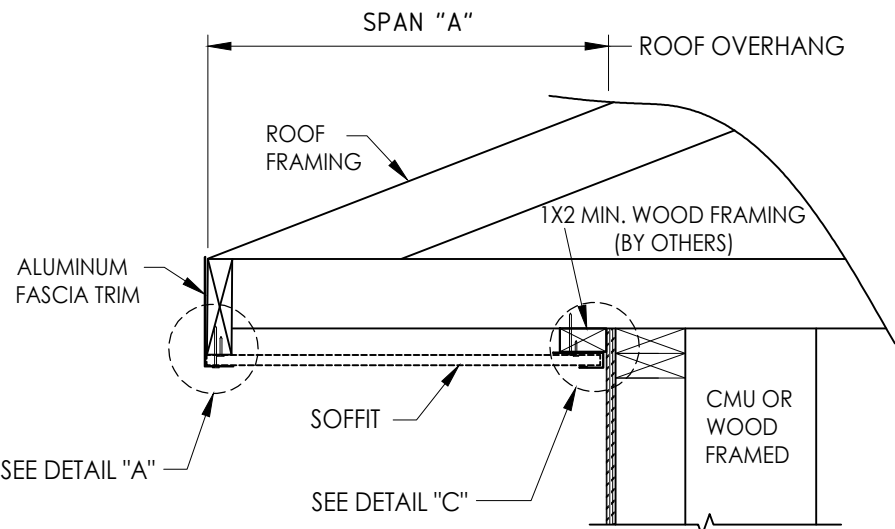
Z:\2023 FBC Drawings\Aside - Siding Division\FL-15272 R6\FL-15272.1-3-5.6.dwg



DETAIL "A"
Fascia



DETAIL "C"
J-Channel

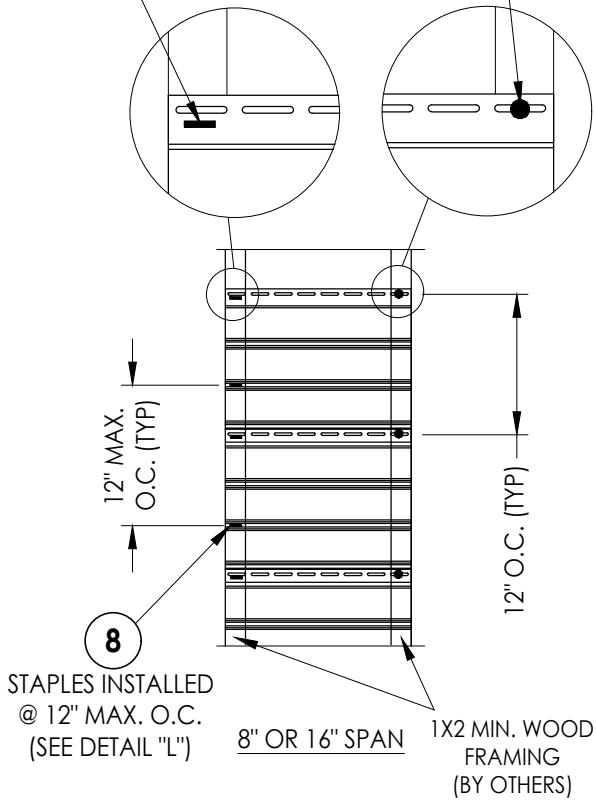


SIDE VIEW - SINGLE SPAN w/ J-CHANNEL
(Shown w/ truss/framing cantilever)

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")

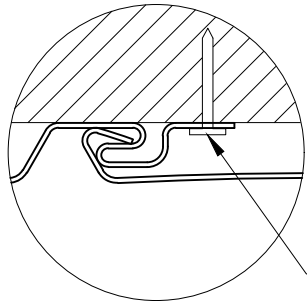


STAPLES INSTALLED @ 12" MAX. O.C. (SEE DETAIL "L")

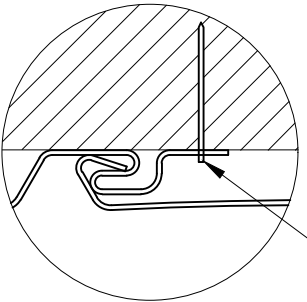
8" OR 16" SPAN

1X2 MIN. WOOD FRAMING (BY OTHERS)

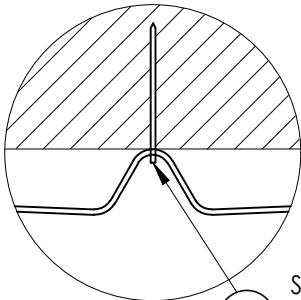
- NOTES:
- WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD.
 - ROOFING NAILS (0.125" Ø X 7/8" LONG w/ 3/8" Ø HEAD) SHALL BE CORROSION RESISTANT AND PENETRATE A MIN. OF 3/4" INTO SUPPORT FRAMING.



DETAIL "J"



DETAIL "K"



DETAIL "L"

STAPLES INSTALLED @ 12" MAX. O.C.

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
5	10/9/23	UPDATE TO 8TH ED. (2023) FBC	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

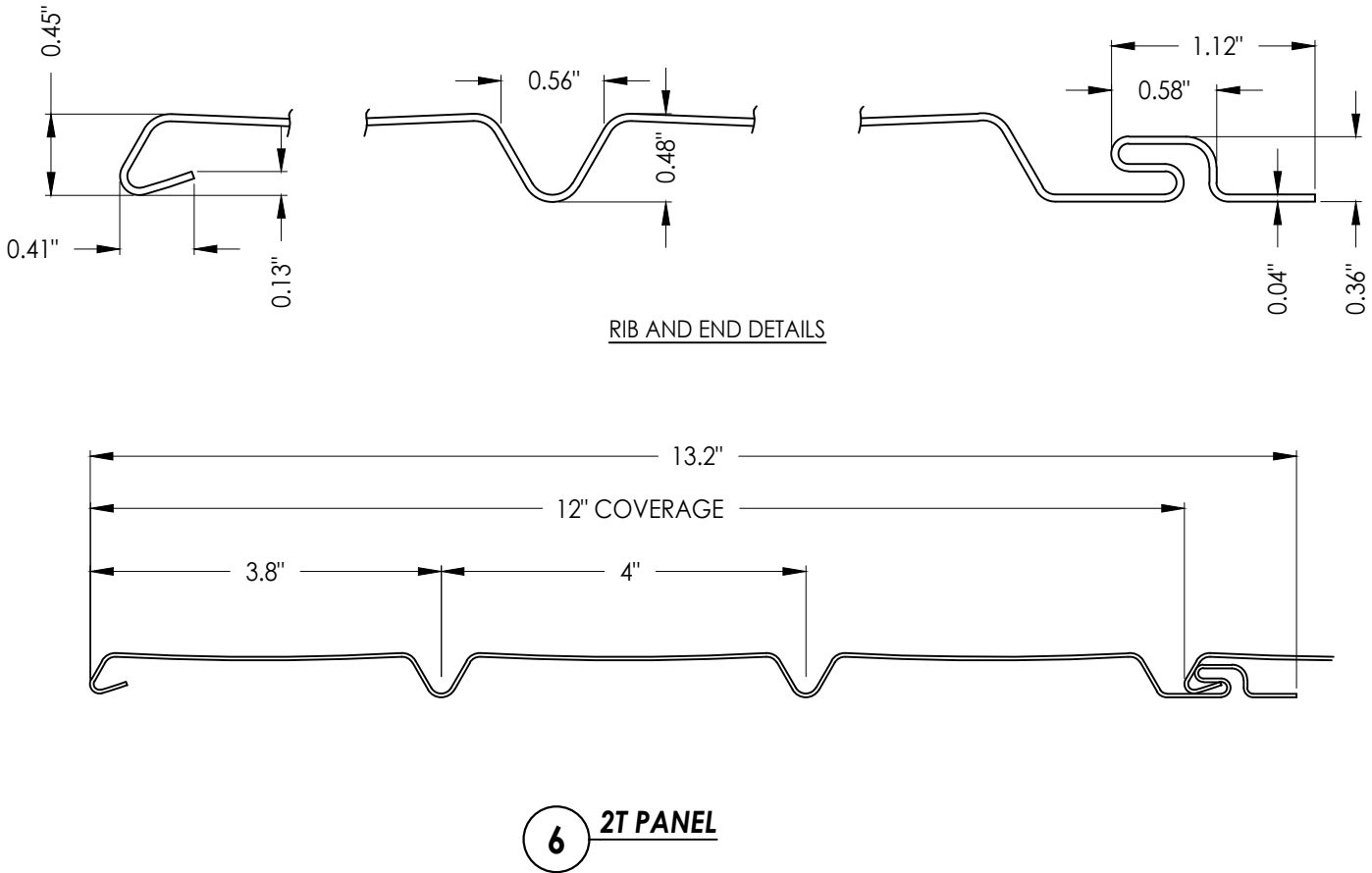
DRAWING NO.: FL-15272.1

SHEET 5 OF 6

Z:\2023 FBC Drawings\Aside - Siding Division\FL-15272 R6\FL-15272.1-3.5.6.dwg

"2T" SOFFIT	AIR FLOW	
	FREE FLOW AREA (in ² /ft ²)	% FREE FLOW AREA
FULL VENT	7.0	4.9%
CENTER VENT	2.3	1.6%

ITEM	DESCRIPTION	MATERIAL
1	FASCIA	ALUMINUM
2	"J" CHANNEL	ALUMINUM
4	"J" CHANNEL	VINYL
6	2T 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



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		
5	10/9/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	1/06/21	REMOVE F-CHNL/FLOATING PANEL	FBC	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-15272.1				
SHEET 6 OF 6				