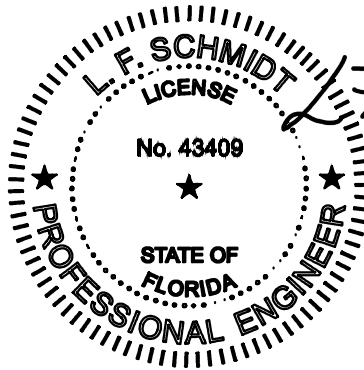


GIBALTAR

BUILDING ACCESSORIES DIVISION

SEMCO | DOT | APPLETON | AWARD | NORWESCO



Digitally signed
by Lyndon F
Schmidt
Date: 2024.08.19
11:14:17 -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.

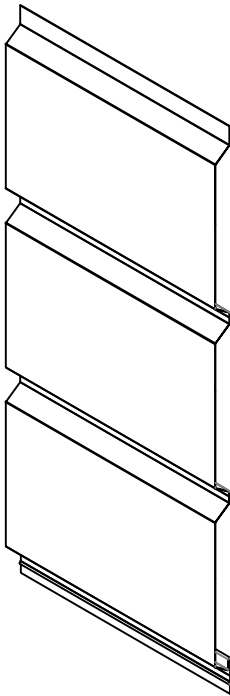
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

"TRIPLE 4" & "QUAD 4" ALUMINUM "FLAT V GROOVE" SOFFIT

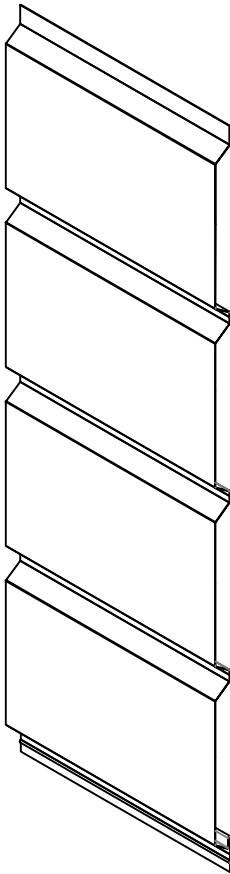
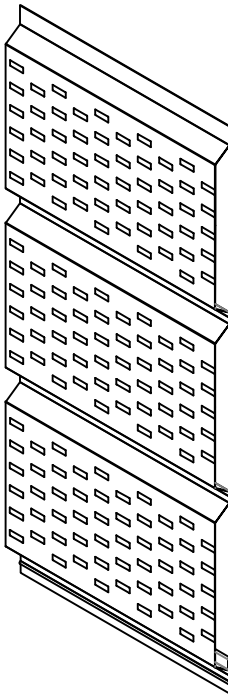
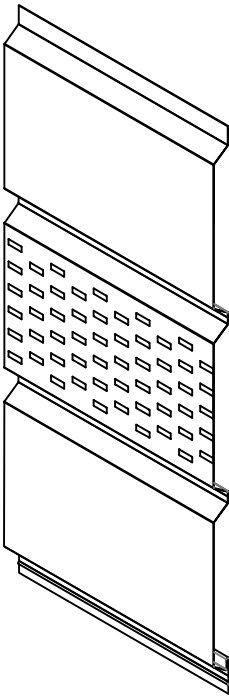
GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- Site conditions not covered by this drawing are subject to further engineering analysis.
- Wood/CMU wall construction, by others, must be designed properly to receive loads from the soffit and/or 2" x 2" batten strips.
- Aluminum soffits shall conform to the specification and labelling requirements of FBC Section 1709.10.

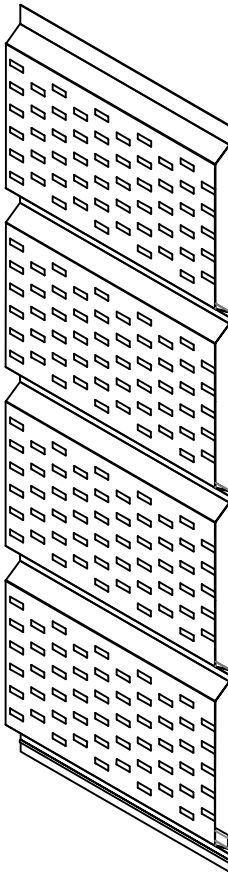
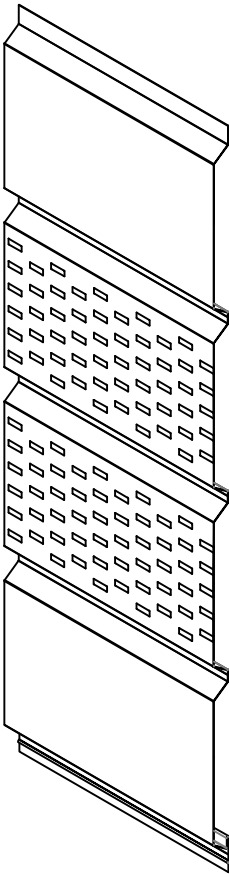
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations & general notes
2	Panel details & bill of materials
3	Soffit details & design pressures
4	Soffit details & design pressures
5	Soffit details & design pressures
6	Soffit details & design pressures



TRIPLE 4 (T4)
(0.013" THICK)



QUAD 4 (Q4)
(0.013" THICK)



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

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

PRODUCT:
ALUMINUM SOFFIT

PART OR ASSEMBLY:
TYPICAL ELEVATIONS &
GENERAL NOTES

REVISIONS			
NO.	DATE	BY	REVISIONS
2	7/02/24	LFS	REVISE LOUVER PATTERN
1	10/19/23	FBC	UPDATE TO 8TH ED. (2023)

DATE: 3/16/21

SCALE: N.T.S.

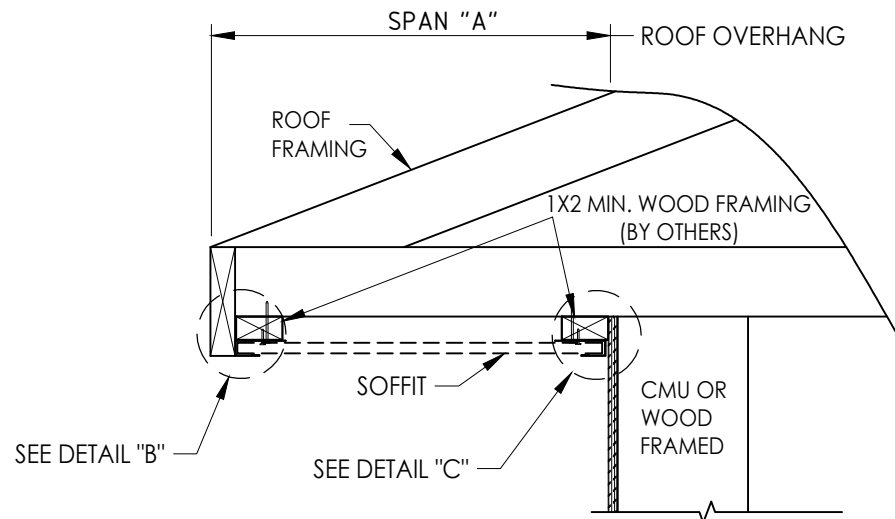
DWG. BY: RW

CHK. BY: LFS

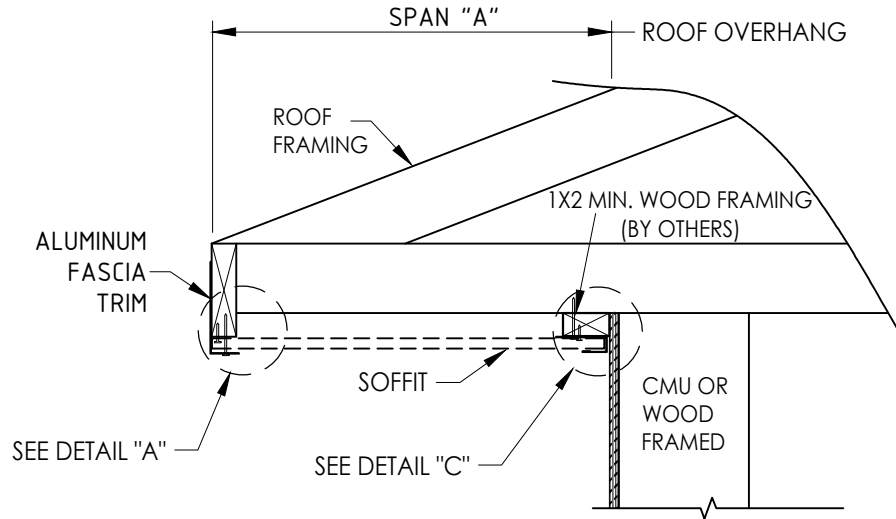
DRAWING NO.:

FL-38043.1

SHEET 1 OF 6



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

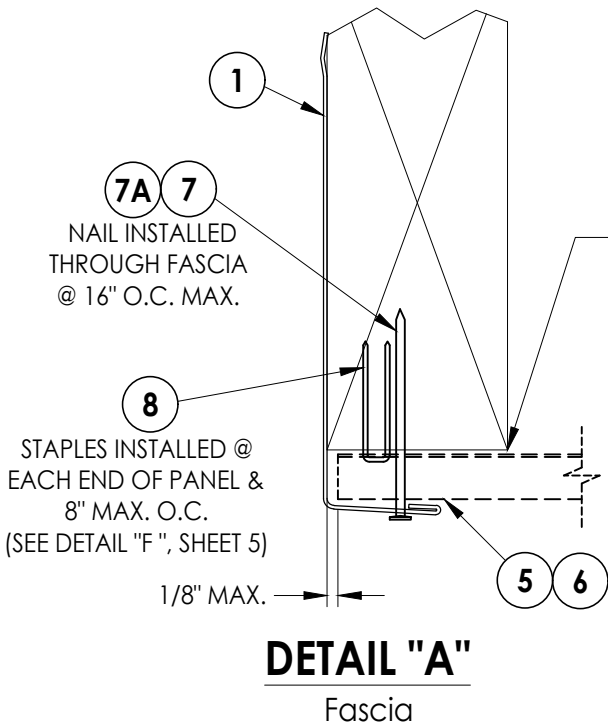


SIDE VIEW - SINGLE SPAN w/ J-CHANNELS
(Shown w/ truss/framing cantilever)

SINGLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
8"	+70.0	-141.0
10"	+60.0	-60.0
12"	+50.0	-50.0
14"	+38.5	-38.5
16"	+30.0	-30.0

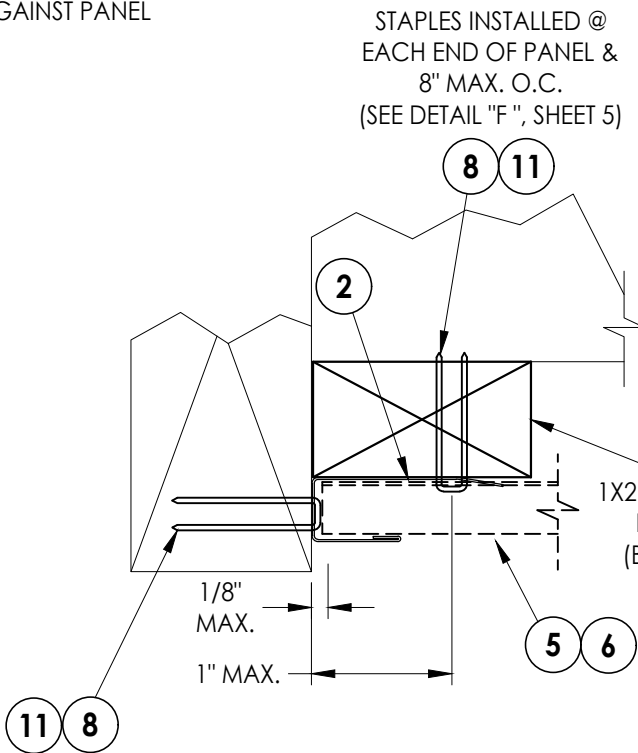
NOTE: WOOD FRAMING AND CONNECTIONS TO BE
DESIGNED BY THE ARCHITECT OR ENGINEER
OF RECORD

SUBSTRATE NOTES:
1. WOOD SUBSTRATE: G = 0.42 OR BETTER
2. MASONRY SUBSTRATE: 3,000 PSI CONCRETE (ACI 301)
OR HOLLOW BLOCK (ASTM C90).

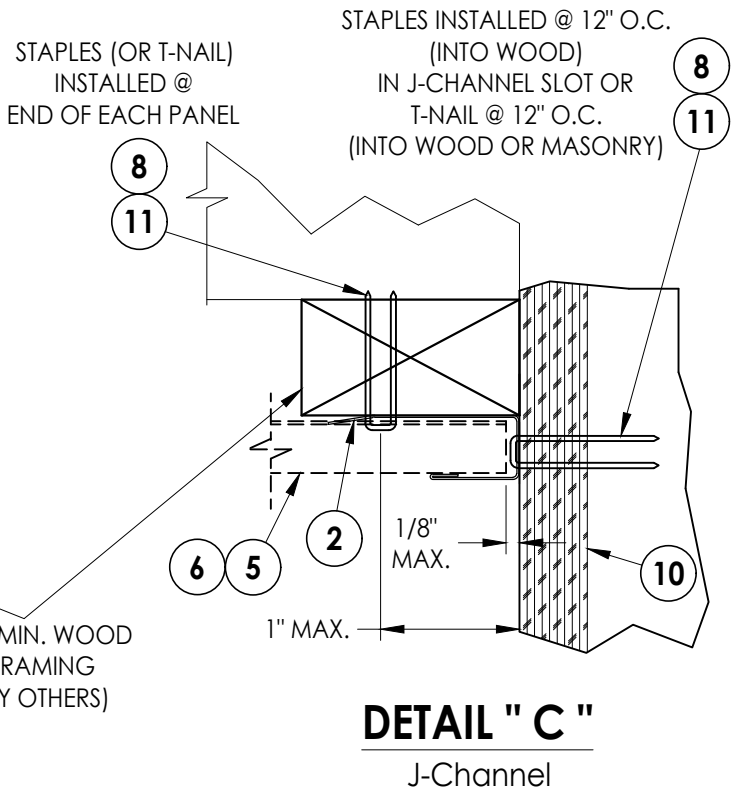


DETAIL "A"
Fascia

NOTE:
FOR SQUARE CUT OVERHANG,
TRIM BOTTOM OF FASCIA FLAT
AGAINST PANEL



DETAIL "B"
J-Channel
Fascia



DETAIL "C"
J-Channel

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

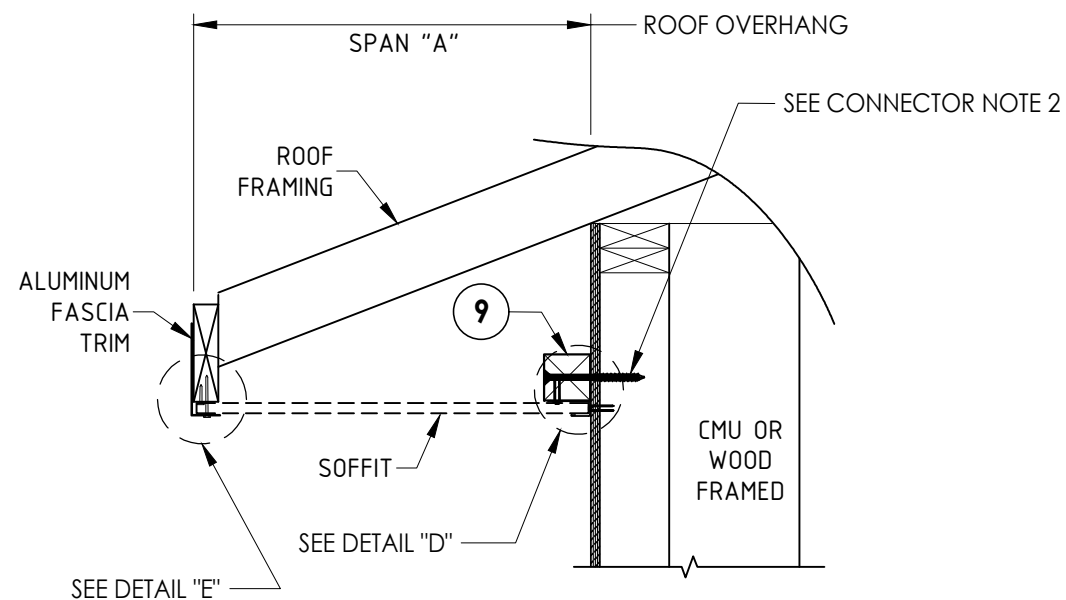
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
ALUMINUM SOFFIT

PART OR ASSEMBLY:
SOFFIT DETAILS &
DESIGN PRESSURES

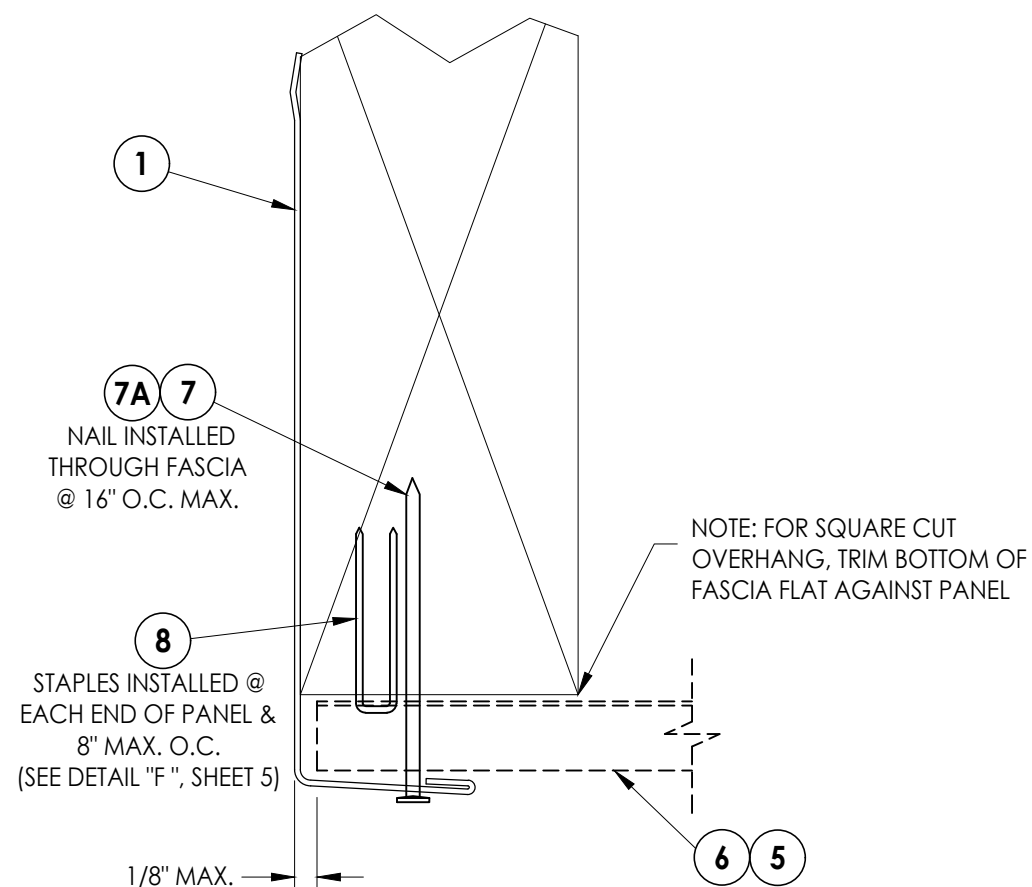
REV	DATE	BY	REVISIONS
2	7/02/24	LFS	REVISE LOUVER PATTERN
1	10/19/23	FBC	UPDATE TO 8TH ED. (2023)

DATE:	3/16/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-38043.1
SHEET	3 OF 6



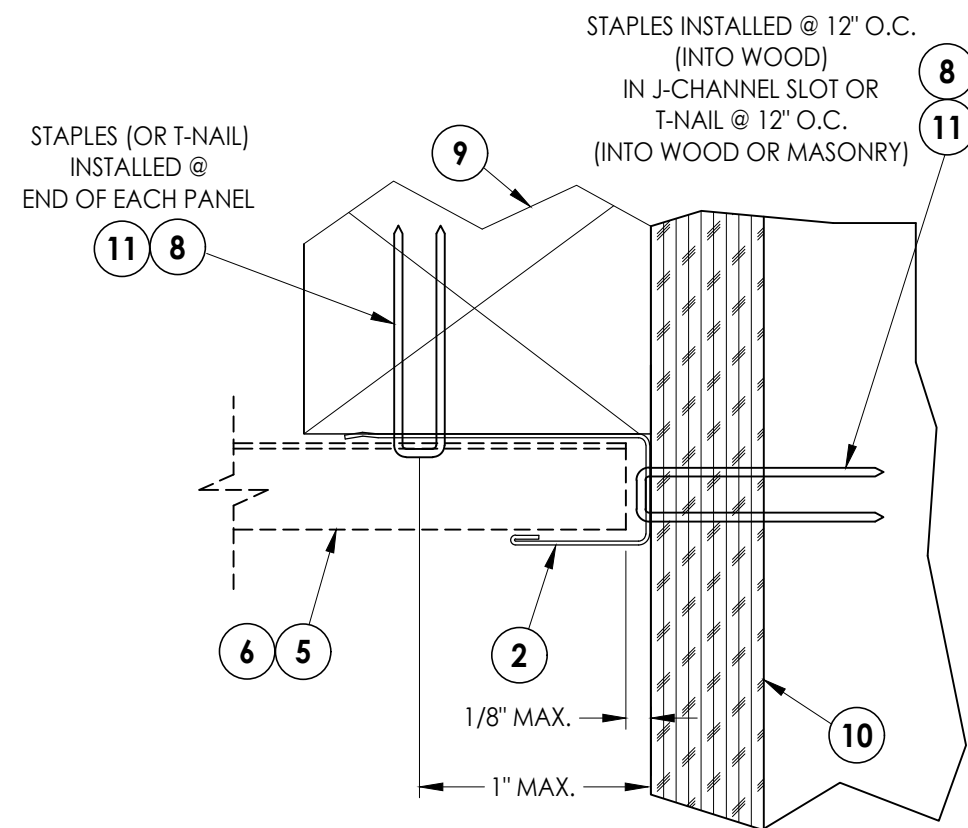
SIDE VIEW - SINGLE SPAN w/J-CHANNEL

(Shown w/ truss/framing overhang)



DETAIL "E"

Fascia



DETAIL "D"

J-Channel

CONNECTOR NOTES:

1. WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD
2. 12d COMMON NAIL OR 3/16" ITW TAPCON CONCRETE SCREW (MIN. 1-1/4" EMBEDMENT) @ 24" ON CENTER

SINGLE SPAN LENGTH "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
8"	+70.0	-141.0
10"	+60.0	-60.0
12"	+50.0	-50.0
14"	+38.5	-38.5
16"	+30.0	-30.0

SUBSTRATE NOTES:

1. WOOD SUBSTRATE: G = 0.42 OR BETTER
2. MASONRY SUBSTRATE: 3,000 PSI CONCRETE (ACI 301) OR HOLLOW BLOCK (ASTM C90).

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

PEARSON 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:

SOFFIT DETAILS & DESIGN PRESSURES

2	7/02/24	REVISE LOUVER PATTERN		LFS
1	10/19/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
NO.	DATE			BY
REVISIONS				

DATE: 3/16/21

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: LFS

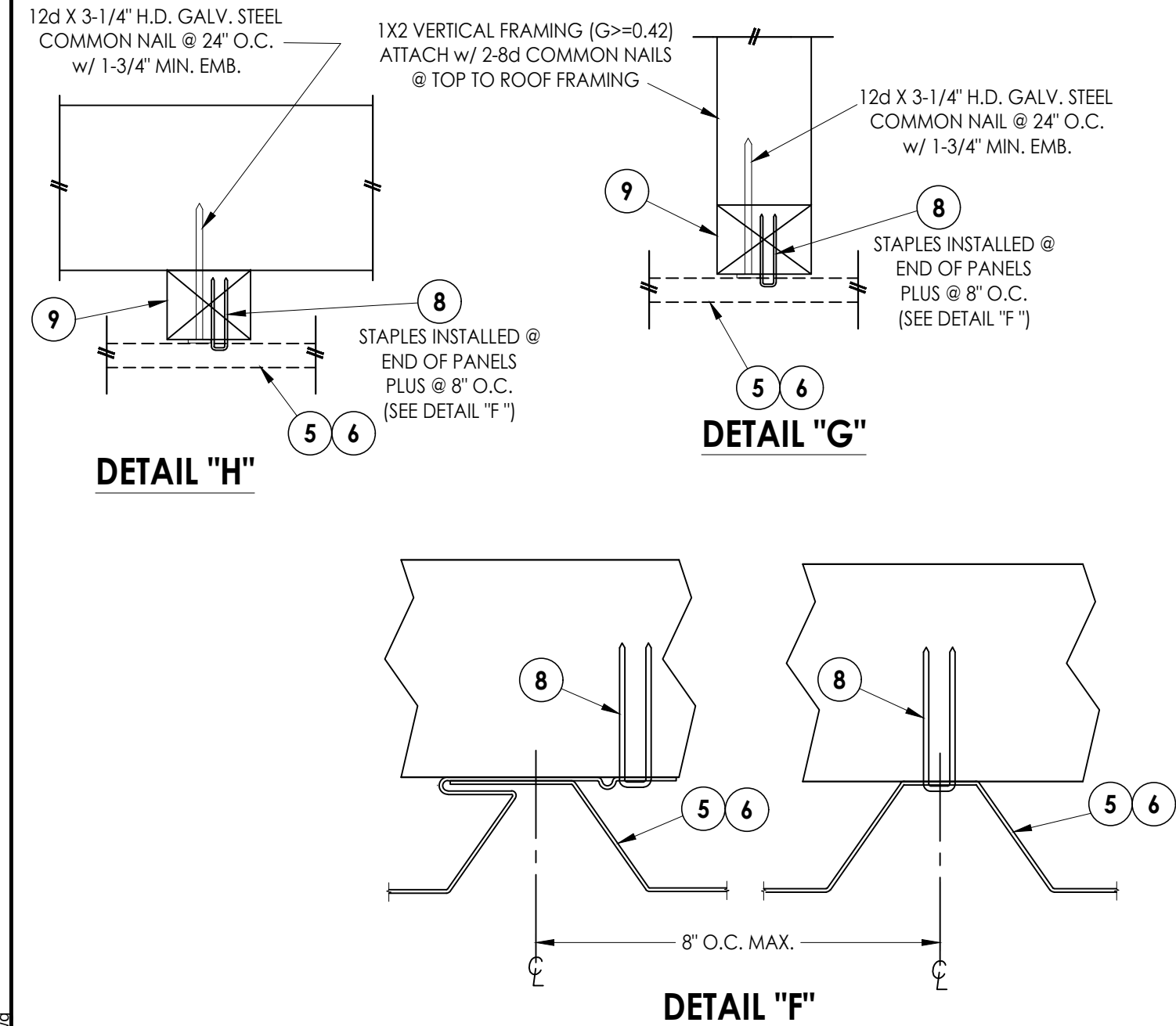
DRAWING NO.:

FL-38043.1

SHEET 4 OF 6

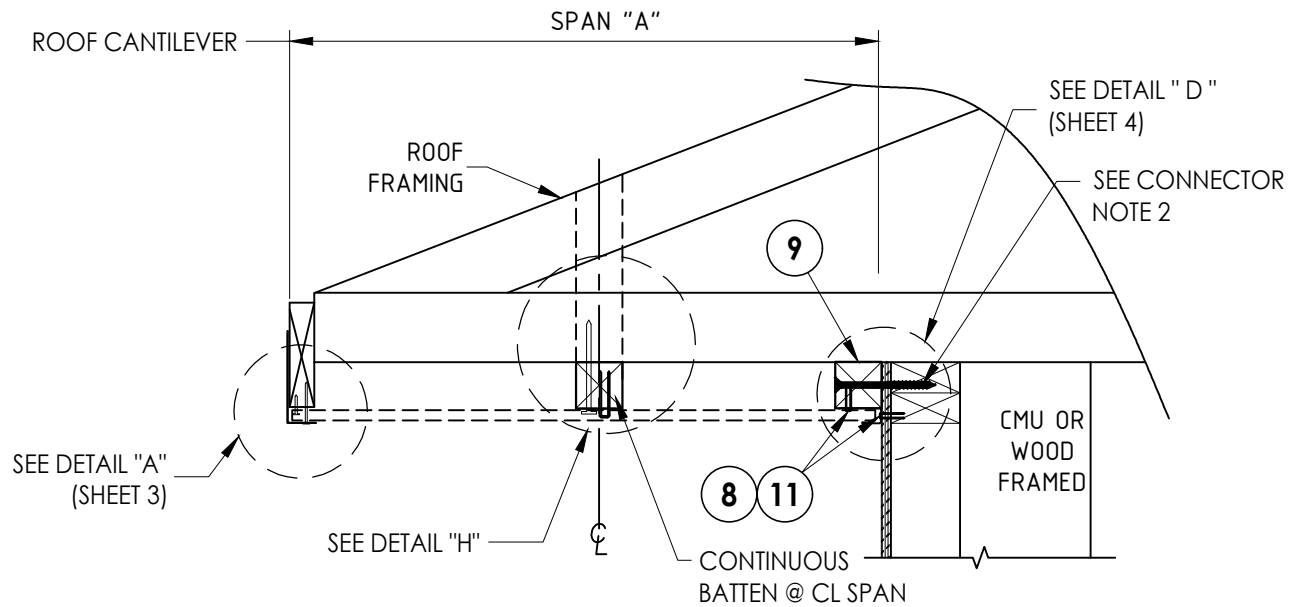
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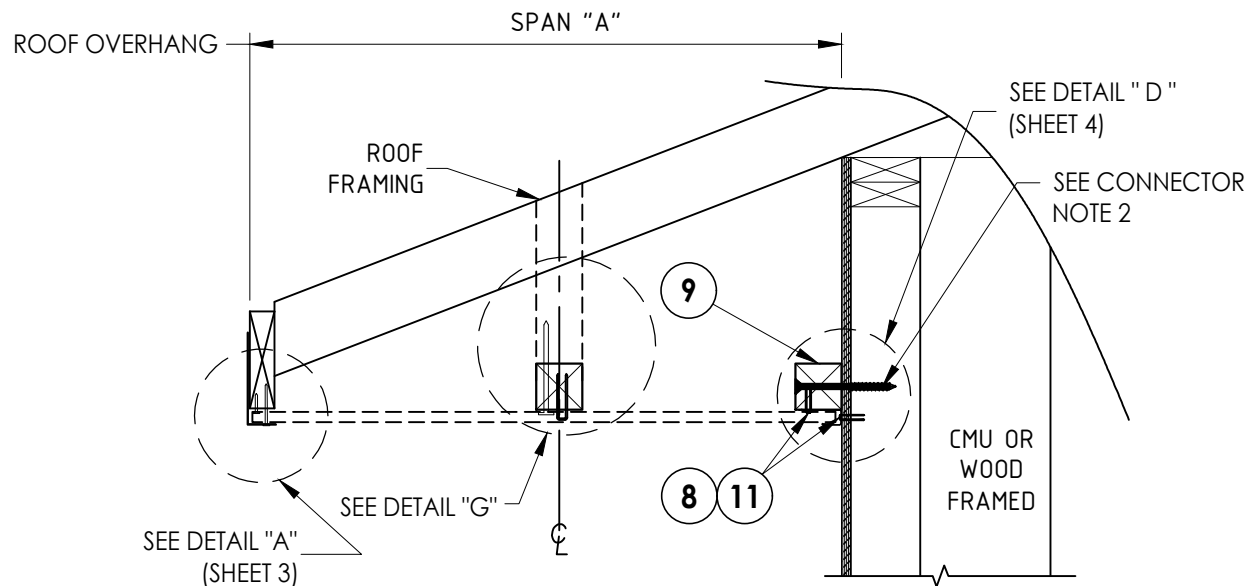


TWIN SPAN LENGTH w/ CONTINUOUS BATTEN "A"	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
16"	+40.0	-40.0
18"	+50.0	-50.0
20"	+60.0	-60.0

- CONNECTOR NOTES:
- WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD
 - 12d COMMON NAIL OR 3/16" ITW TAPCON CONCRETE SCREW (MIN. 1-1/4" EMBEDMENT) @ 24" ON CENTER



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

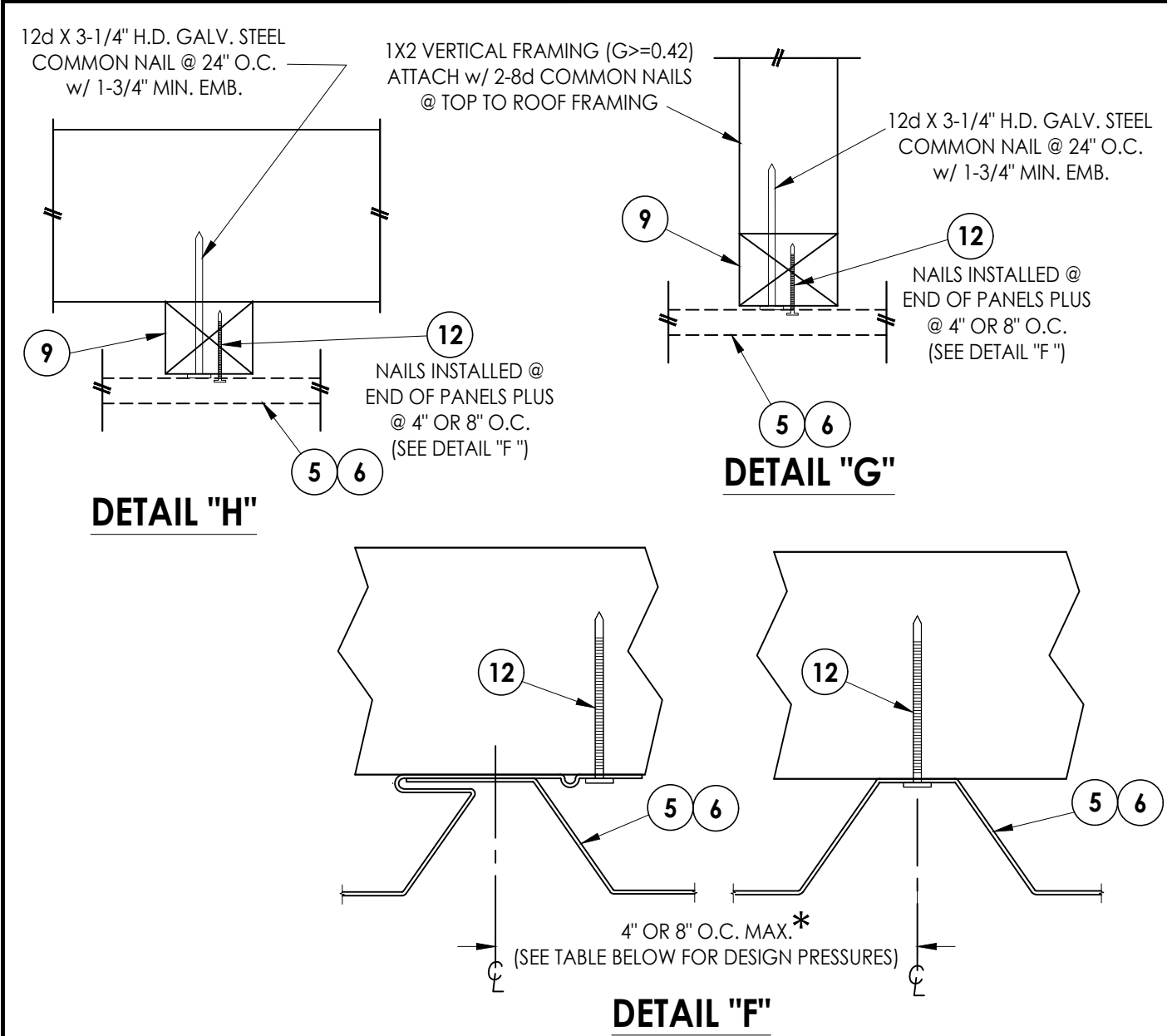


SIDE VIEW - DOUBLE SPAN w/BATTEN
(Shown w/ truss/framing overhang)

- SUBSTRATE NOTES:
- WOOD SUBSTRATE: G = 0.42 OR BETTER
 - MASONRY SUBSTRATE: 3,000 PSI CONCRETE (ACI 301) OR HOLLOW BLOCK (ASTM C90).

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:	ALUMINUM SOFFIT	PART OR ASSEMBLY: SOFFIT DETAILS & DESIGN PRESSURES	
		LFS	LFS
		REVISIONS	BY
		2	7/02/24
		1	10/19/23
			DATE
DATE: 3/16/21		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-38043.1		SHEET 5 OF 6	

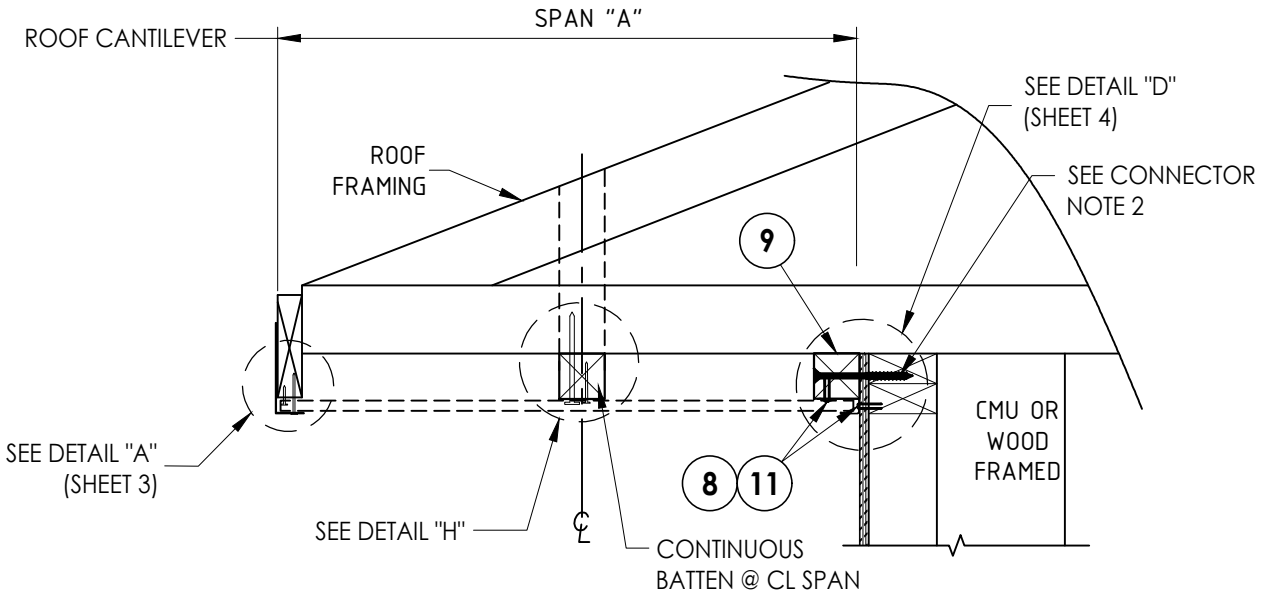
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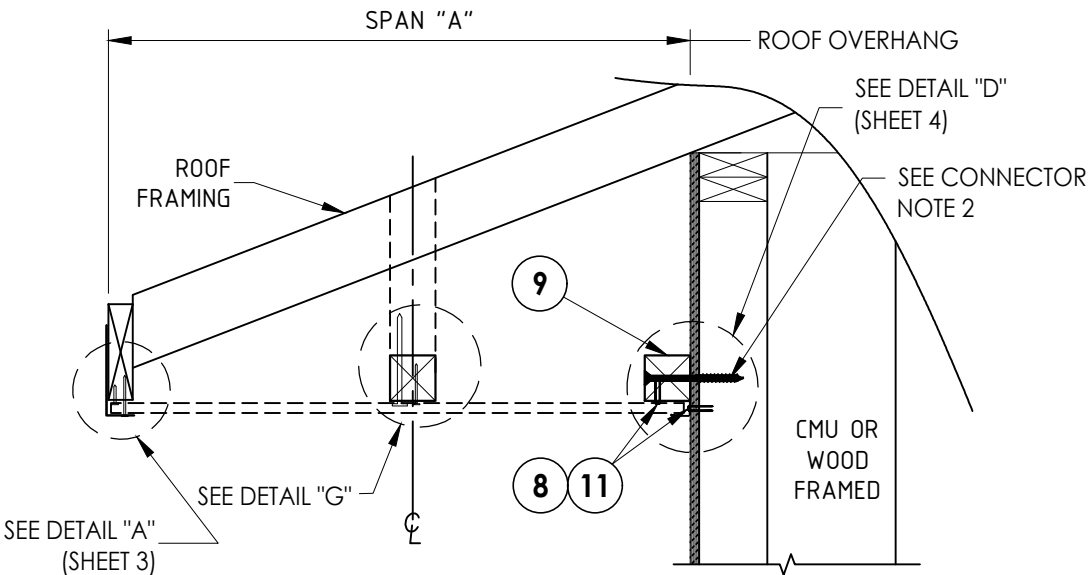
TWIN SPAN LENGTH w/CONTINUOUS BATTEN "A"	*NAIL SPACING 8" O.C.		*NAIL SPACING 4" O.C.	
	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
16"	+70.0	-70.0	+90.0	-90.0
18"	+66.5	-66.5	+90.0	-90.0
20"	+60.0	-60.0	+80.0	-80.0
22"	+54.5	-54.5	+70.0	-70.0
24"	+50.0	-50.0	+70.0	-70.0

CONNECTOR NOTES:

- WOOD FRAMING AND CONNECTIONS TO BE DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD
- 12d COMMON NAIL OR 3/16" ITW TAPCON CONCRETE SCREW (MIN. 1-1/4" EMBEDMENT) @ 24" ON CENTER



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



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

SUBSTRATE NOTES:

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