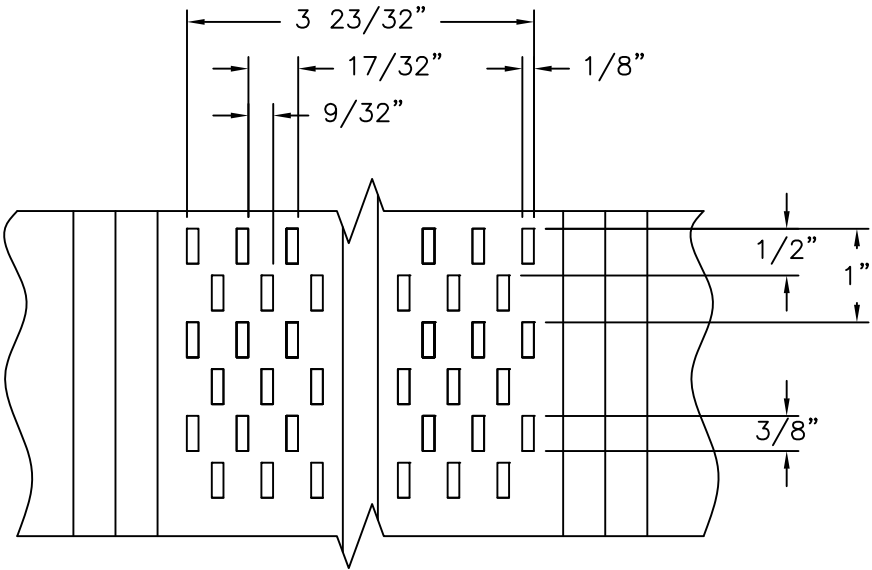
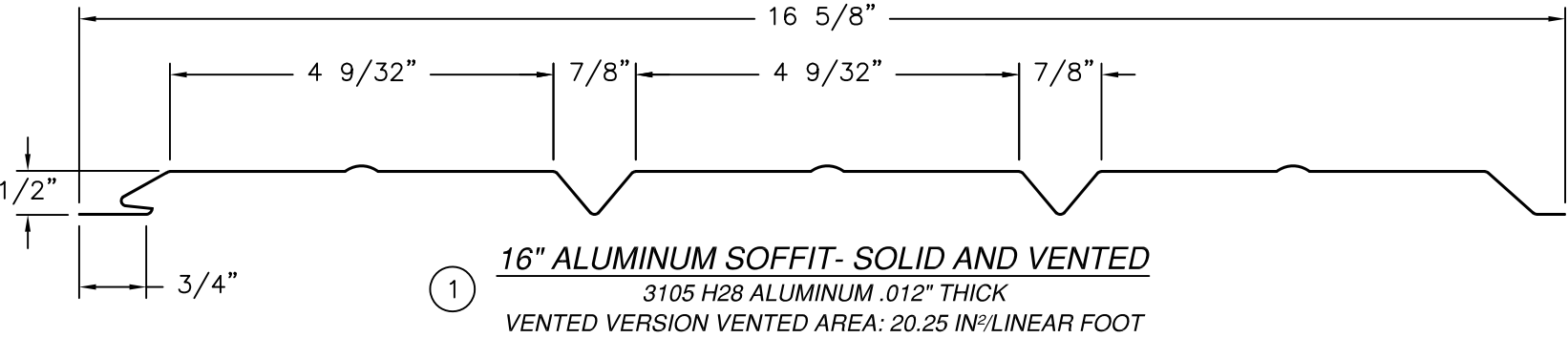


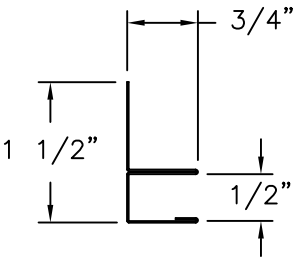
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISED PER NEW REQUIREMENTS	01/08/23	R.L.



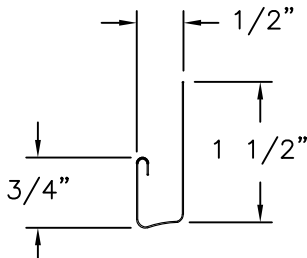
- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 3. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 4. FRAME MATERIAL: COLD ROLLED FORM ALUMINUM 3105-H28.
 5. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE 1 3/4" TRIM PAINTED STAINLESS STEEL NAILS WITH 1/4" HEAD DIAMETER, 3/4"x1/4" CROWN OR 3/8"x3/8" STAPLES. REFER TO DETAILS A, B, D, AND E FOR MINIMUM EMBEDMENT AND SPACING.
 6. FOR ANCHORING INTO MASONRY/CONCRETE USE .097" DIAMETER (MINIMUM) T OR STUB NAILS. REFER TO DETAIL C AND CHART (SHEET 4) FOR T NAIL SPACING AND EMBEDMENT.
 7. ALL FASTENERS TO BE CORROSION RESISTANT.
 8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).



DESIGN PRESSURE RATING	IMPACT RATING	DESIGN PRESSURE RATING	IMPACT RATING	DESIGN PRESSURE RATING	IMPACT RATING
±54.2PSF	NONE	±38.4PSF	NONE	±31.1PSF	NONE
WHEN INSTALLED IN 12" OVERHANG		WHEN INSTALLED IN 16" OVERHANG		WHEN INSTALLED IN 24" OVERHANG	



② **F CHANNEL**
3105-H28 ALUMINUM .012" THICK



③ **J CHANNEL**
3105-H28 ALUMINUM .012" THICK

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	PROFILES AND NOTES
2 – 7	INSTALLATION DETAILS AND COMPONENTS

ALPHA ALUMINUM INC.
1710 PREMIER ROW
ORLANDO, FL 32809

16" ALUMINUM SOFFIT
PROFILES AND NOTES

DRAWN:
V.L.

DWG NO.
08-02198

REV
F

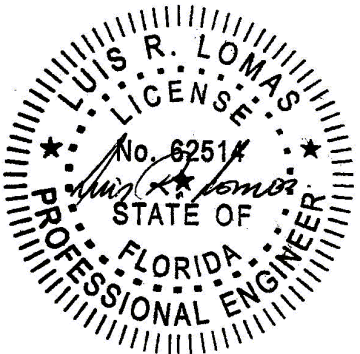
SCALE
NTS

DATE
08/05/13

SHEET
1 OF 7

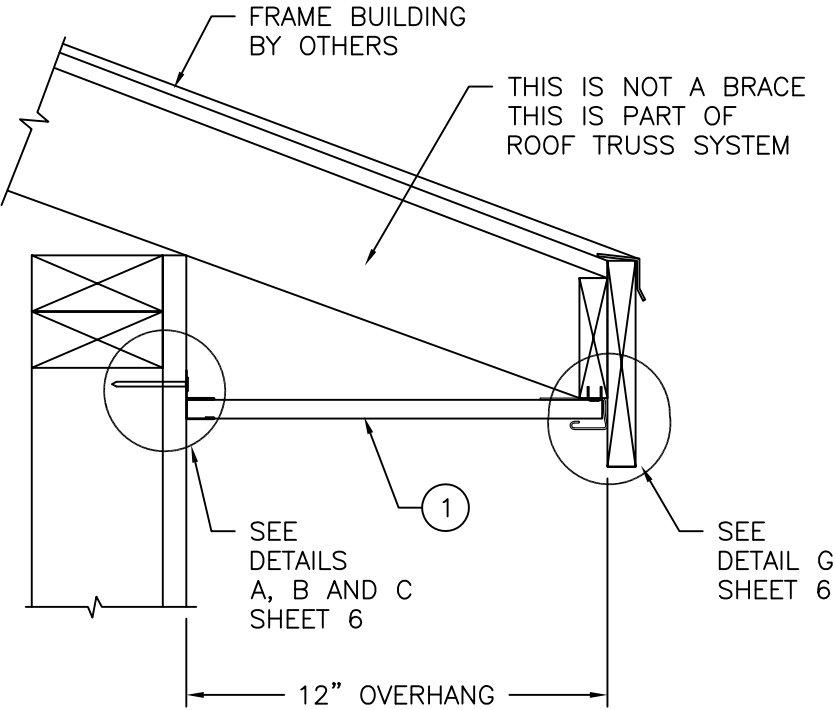
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 01/08/2023

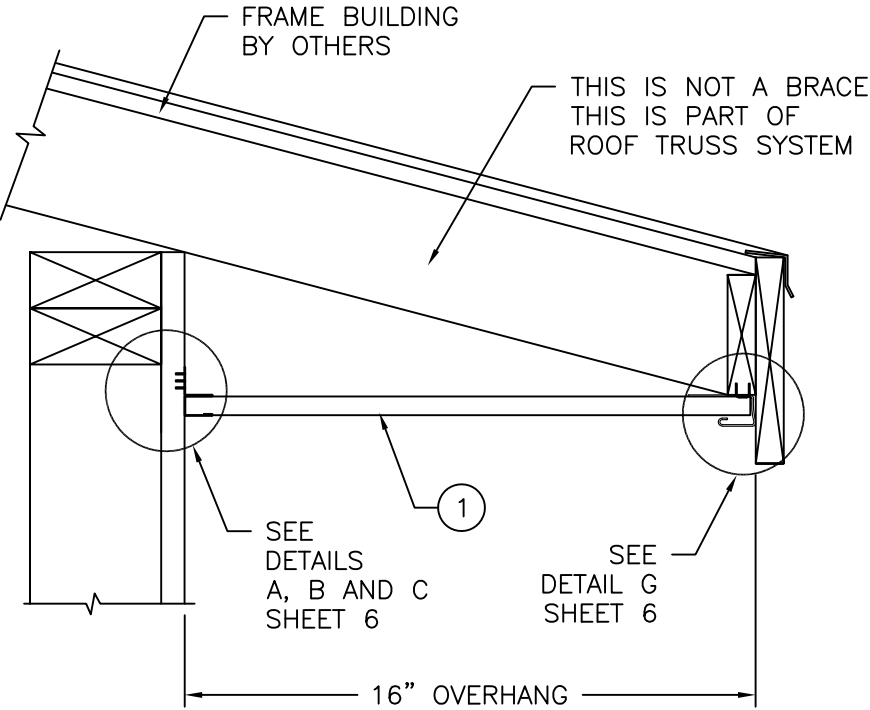


Luis R. Lomas P.E.
FL No.: 62514

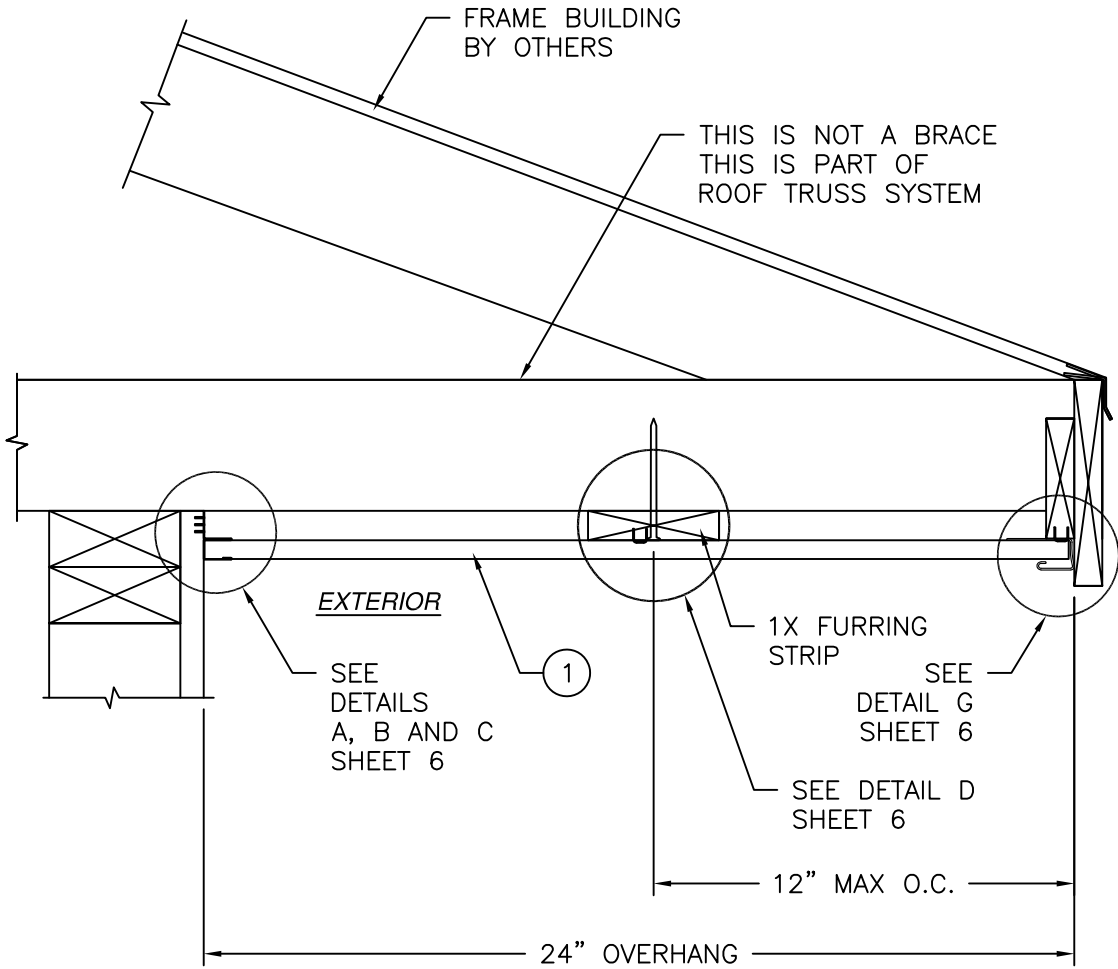
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISED PER NEW REQUIREMENTS	01/08/23	R.L.



12" OVERHANG INSTALLATION DETAIL



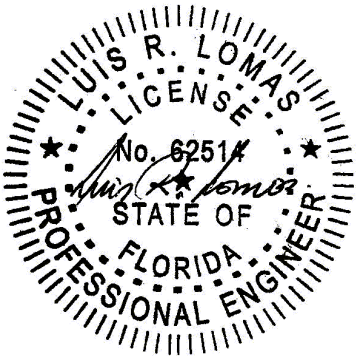
16" OVERHANG INSTALLATION DETAIL



24" OVERHANG INSTALLATION DETAIL

SIGNED: 01/08/2023

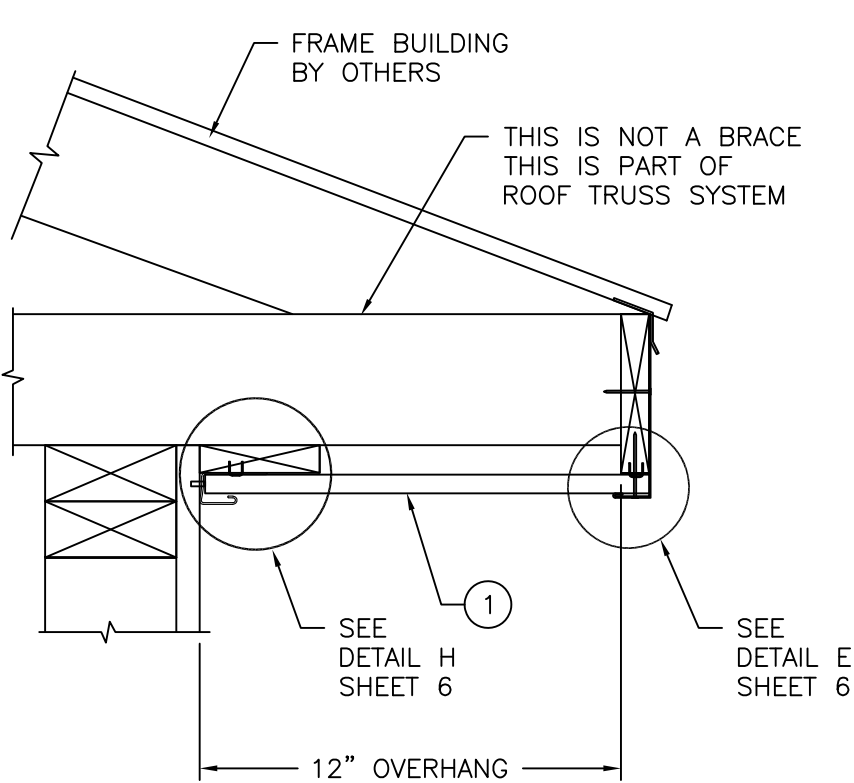
ALPHA ALUMINUM INC. 1710 PREMIER ROW ORLANDO, FL 32809		
16" ALUMINUM SOFFIT INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-02198	REV F
SCALE NTS	DATE 08/05/13	SHEET 3 OF 7
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



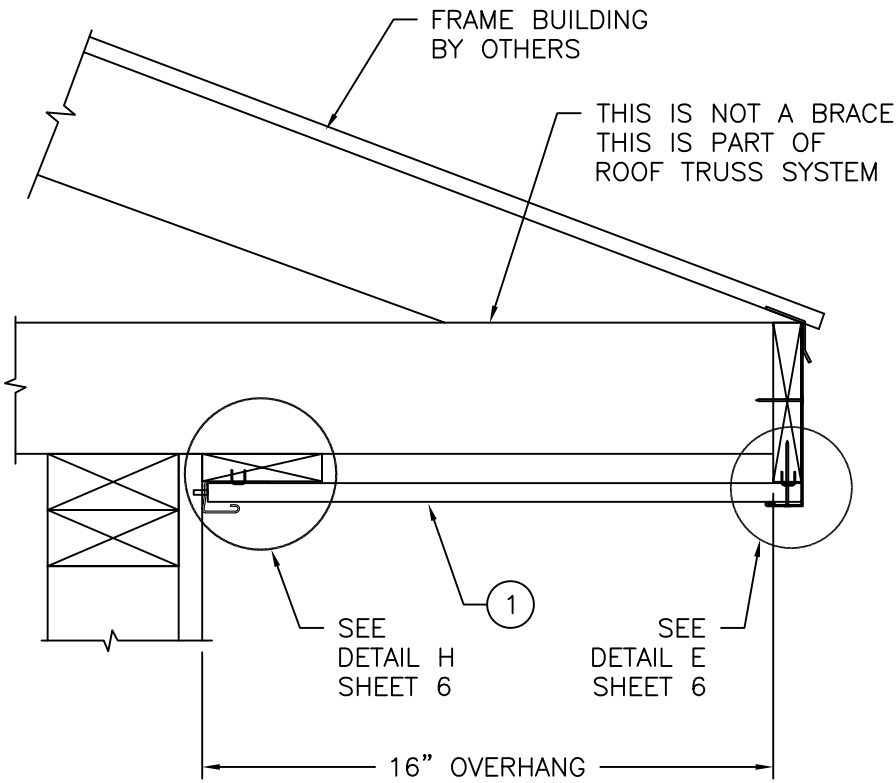
Luis R. Lomas P.E.
FL No.: 62514

BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1		SOFFIT	ALPHA ALUMINUM INC	ALUMINUM 3105-H28
2		F CHANNEL	ALPHA ALUMINUM INC	ALUMINUM 3105-H28
3		J CHANNEL	ALPHA ALUMINUM INC	ALUMINUM 3105-H28

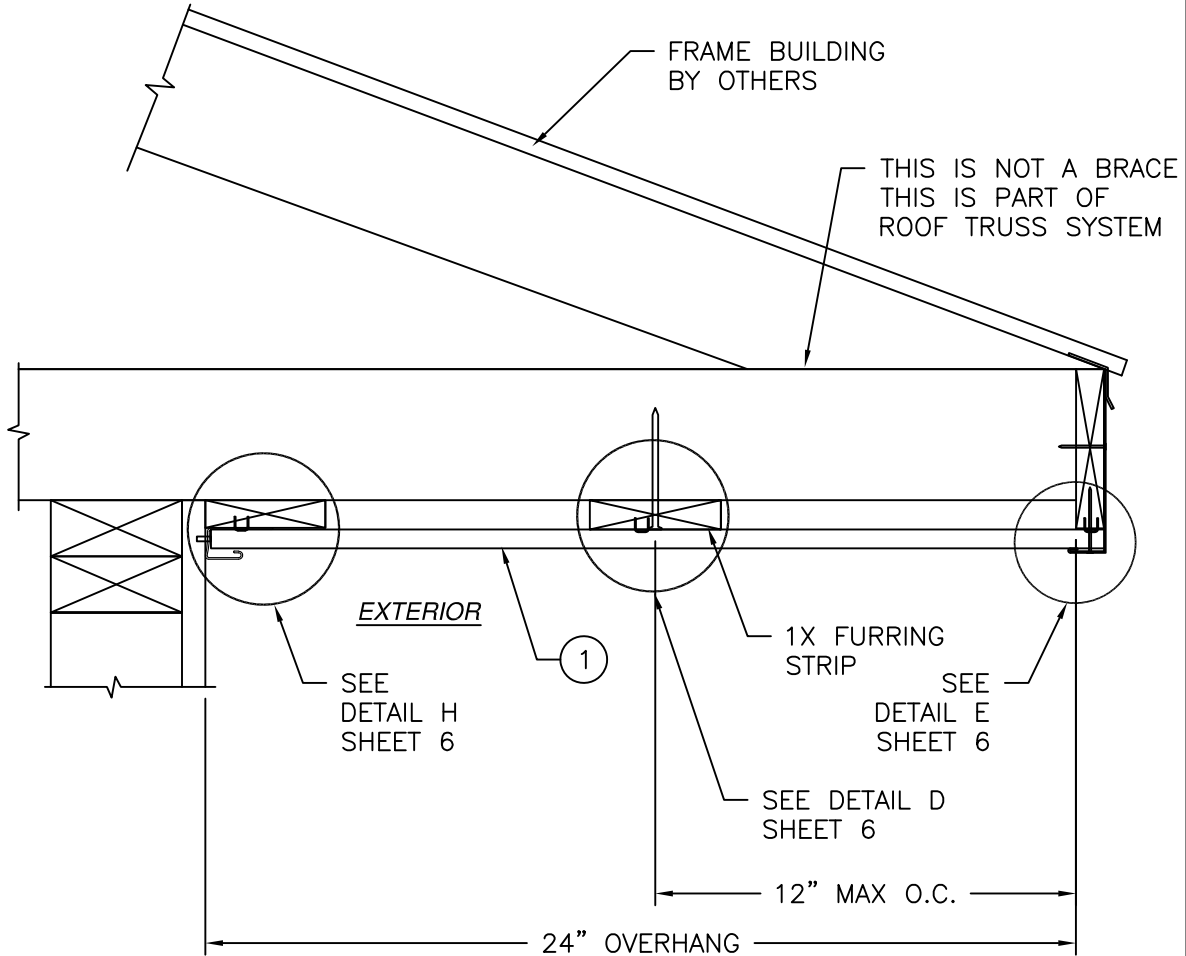
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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12" OVERHANG INSTALLATION DETAIL



16" OVERHANG INSTALLATION DETAIL



24" OVERHANG INSTALLATION DETAIL

SIGNED: 01/08/2023

ALPHA ALUMINUM INC.
1710 PREMIER ROW
ORLANDO, FL 32809

16" ALUMINUM SOFFIT
INSTALLATION DETAILS

DRAWN:
V.L.

DWG NO.
08-02198

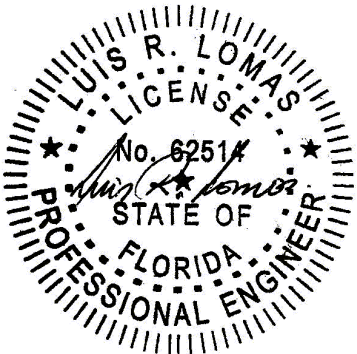
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SCALE NTS

DATE 08/05/13

SHEET 4 OF 7

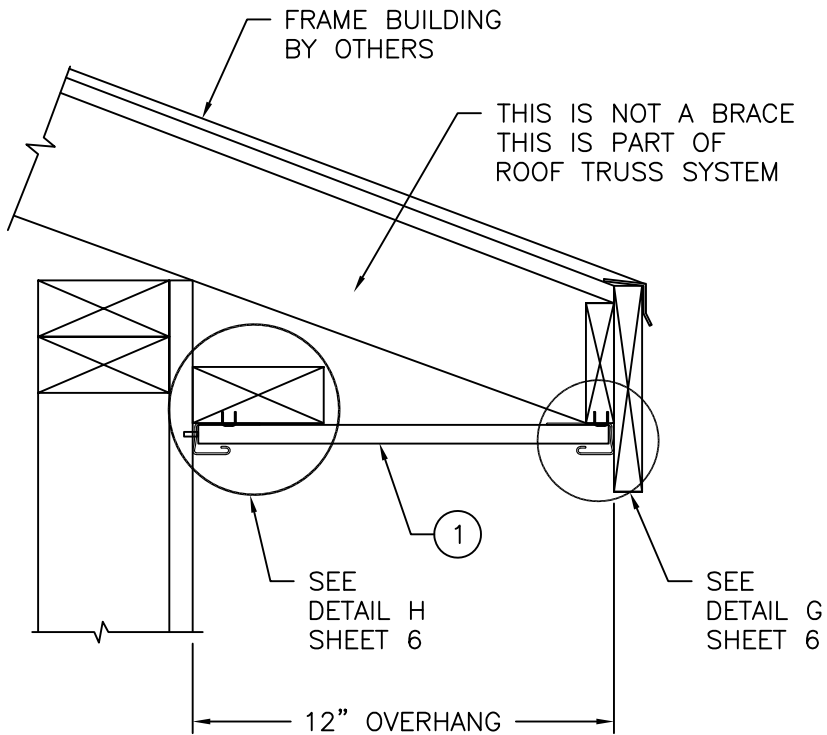
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



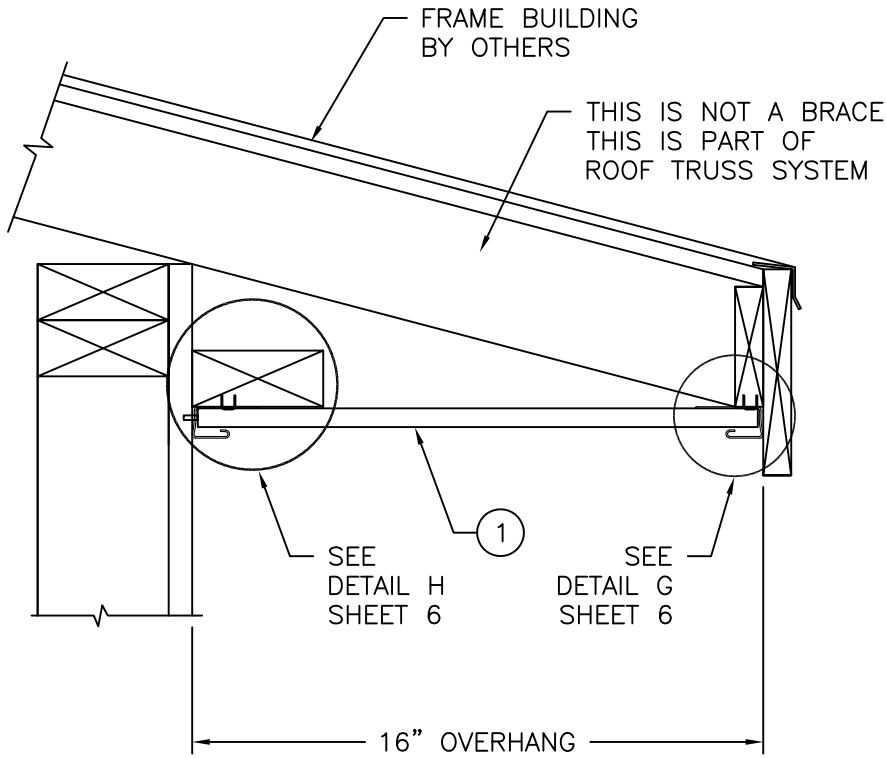
Luis R. Lomas P.E.
FL No.: 62514

BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1		SOFFIT	ALPHA ALUMINUM INC	ALUMINUM 3105-H28
2		F CHANNEL	ALPHA ALUMINUM INC	ALUMINUM 3105-H28
3		J CHANNEL	ALPHA ALUMINUM INC	ALUMINUM 3105-H28

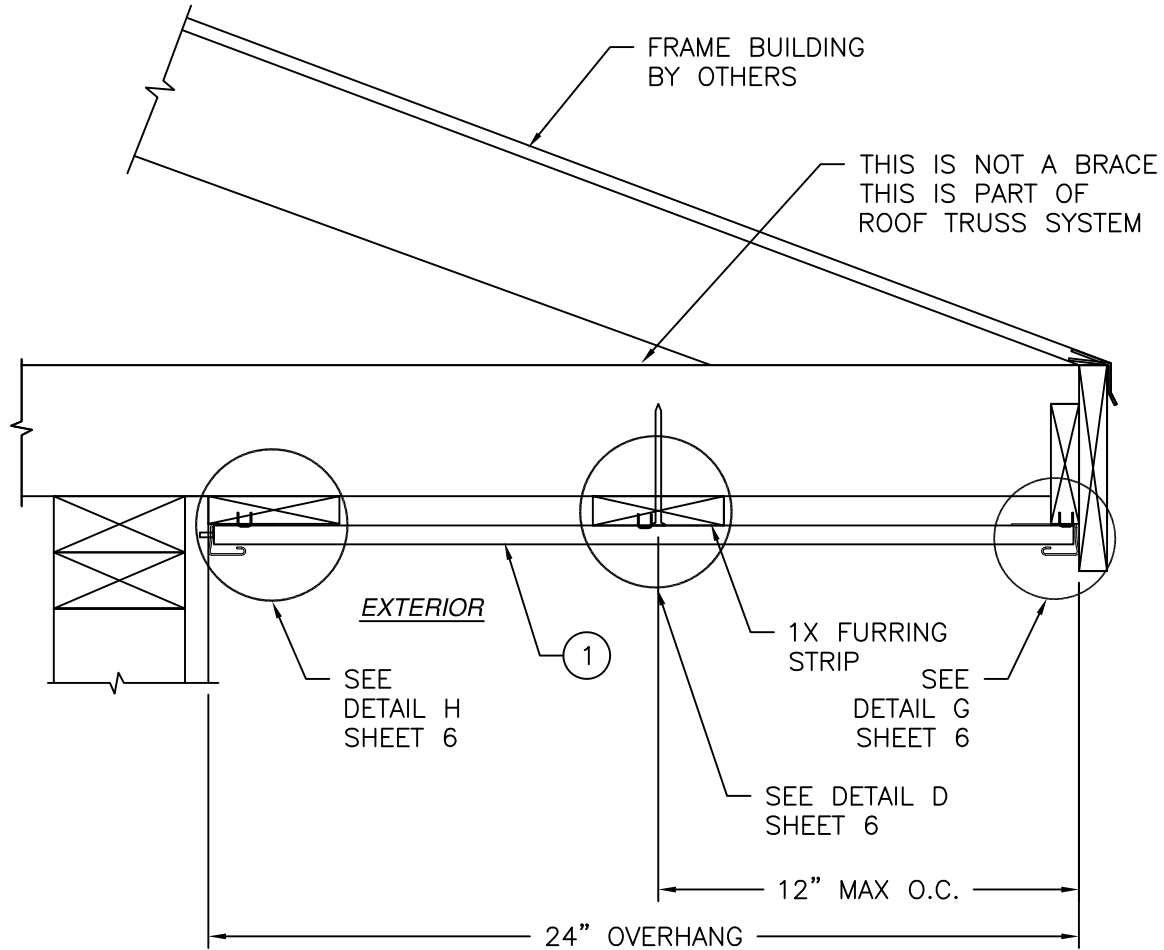
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REV	DESCRIPTION	DATE	APPROVED
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12" OVERHANG INSTALLATION DETAIL



16" OVERHANG INSTALLATION DETAIL



24" OVERHANG INSTALLATION DETAIL

SIGNED: 01/08/2023

ALPHA ALUMINUM INC.
1710 PREMIER ROW
ORLANDO, FL 32809

16" ALUMINUM SOFFIT
INSTALLATION DETAILS

DRAWN:
V.L.

DWG NO.
08-02198

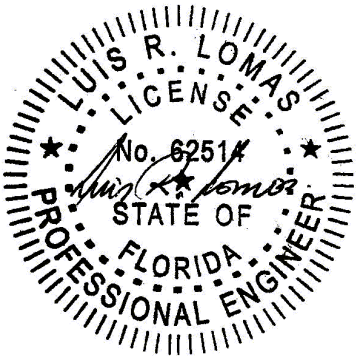
REV
F

SCALE
NTS

DATE
08/05/13

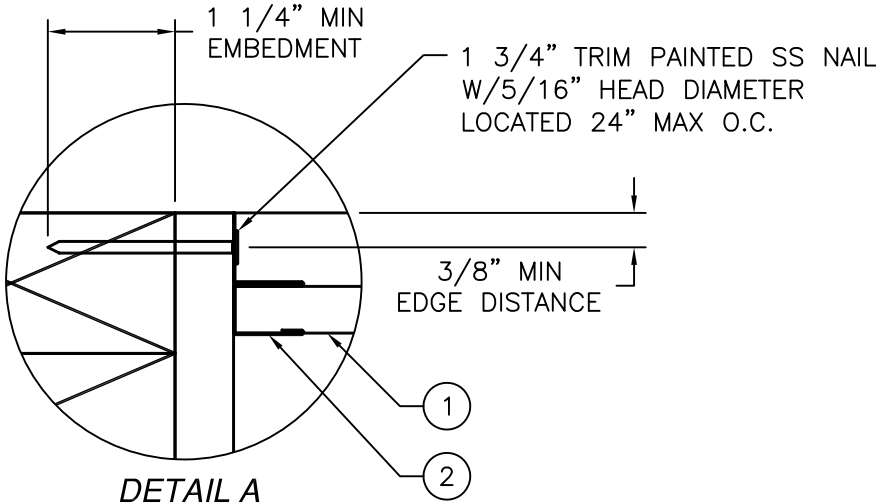
SHEET
5 OF 7

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

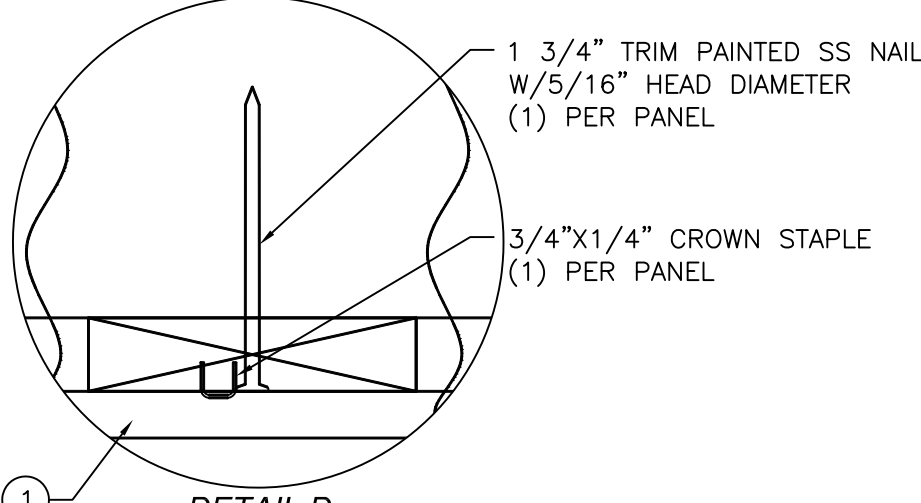


Luis R. Lomas P.E.
FL No.: 62514

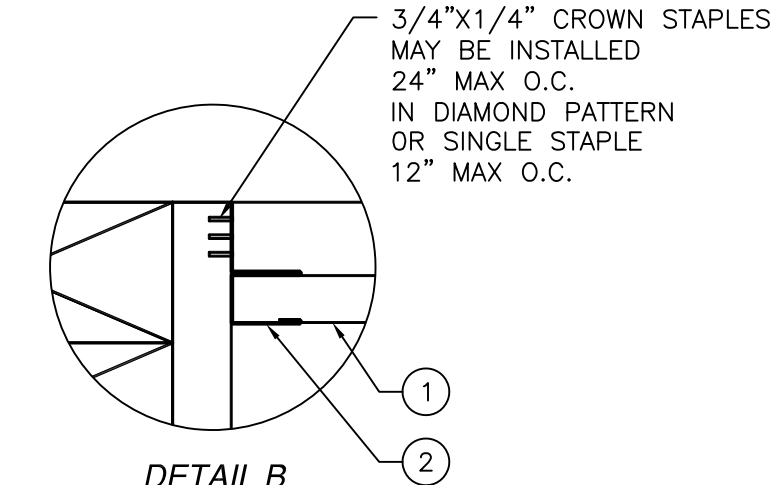
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REV	DESCRIPTION	DATE	APPROVED
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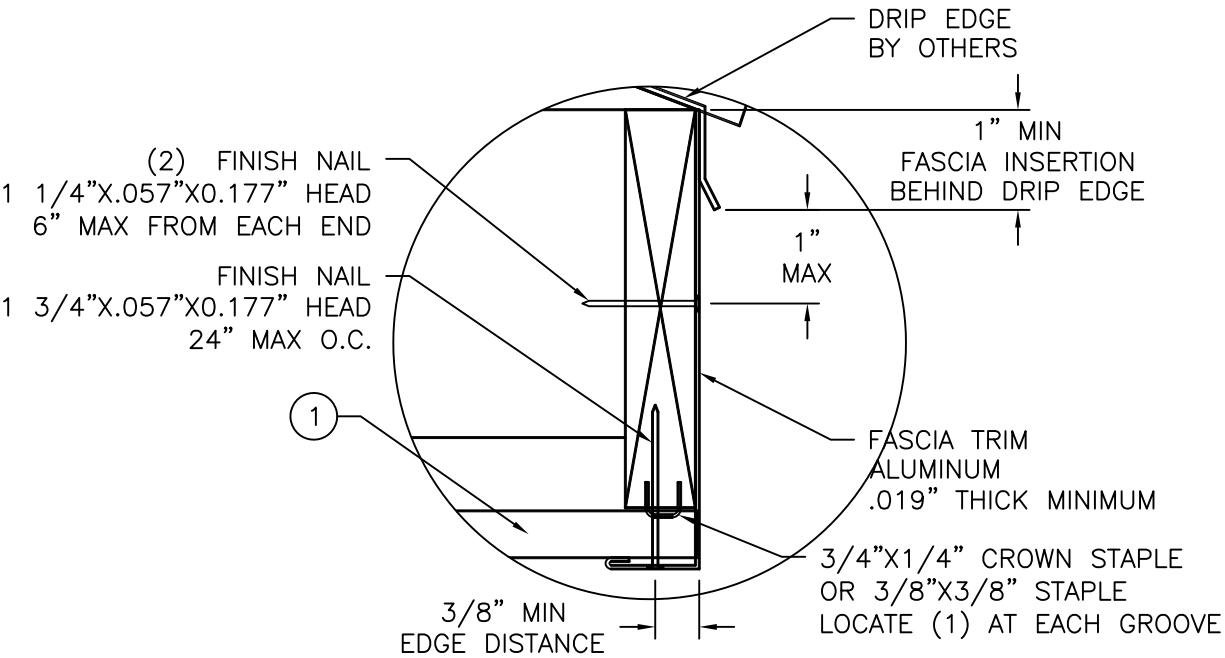
DETAIL A
WOOD FRAMING INSTALLATION
W/ F CHANNEL AND NAILS



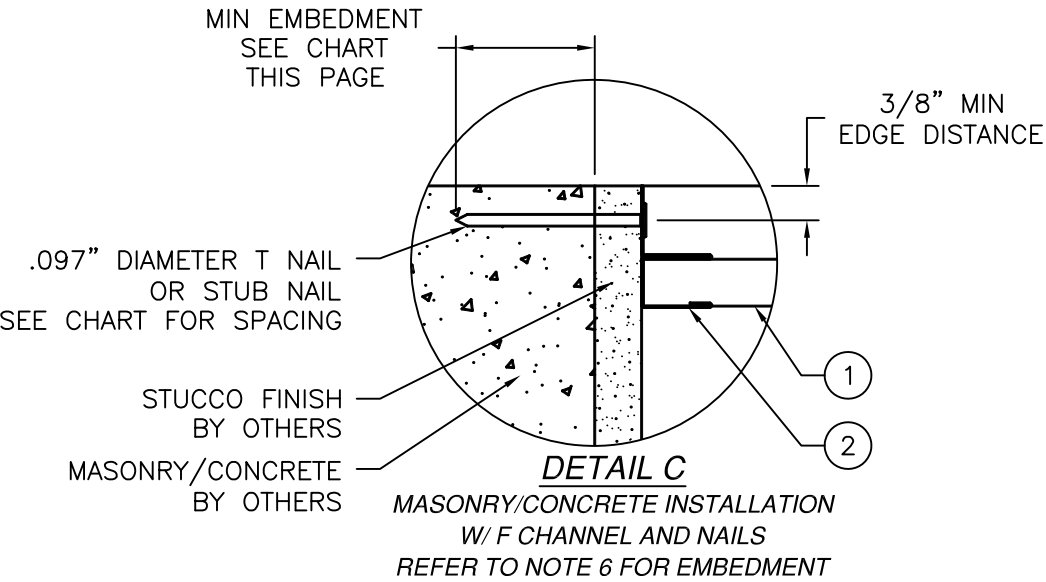
DETAIL D
FURRING STRIP INSTALLATION
24" OVERHANG



DETAIL B
WOOD FRAMING INSTALLATION
W/ F CHANNEL AND STAPLES



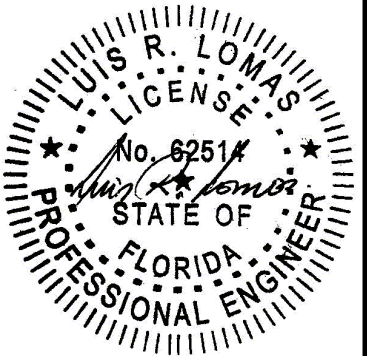
DETAIL E
WOOD FRAMING INSTALLATION
FASCIA SIDE



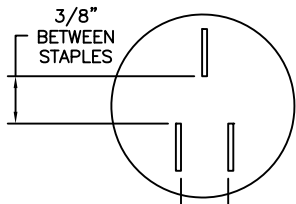
T Nail spacing chart			
Overhang (in)	DP (psf)	Embedment (in)	Spacing (in)
12.00	54.2	0.50	18.00
		0.63	22.00
		0.75	24.00
16.00	54.2	0.50	14.00
		0.63	16.00
		0.75	18.00
24.00	54.2	0.50	18.00
		0.63	22.00
		0.75	24.00

ALPHA ALUMINUM INC. 1710 PREMIER ROW ORLANDO, FL 32809		
16" ALUMINUM SOFFIT INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-02198	REV F
SCALE NTS	DATE 08/05/13	SHEET 6 OF 7
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

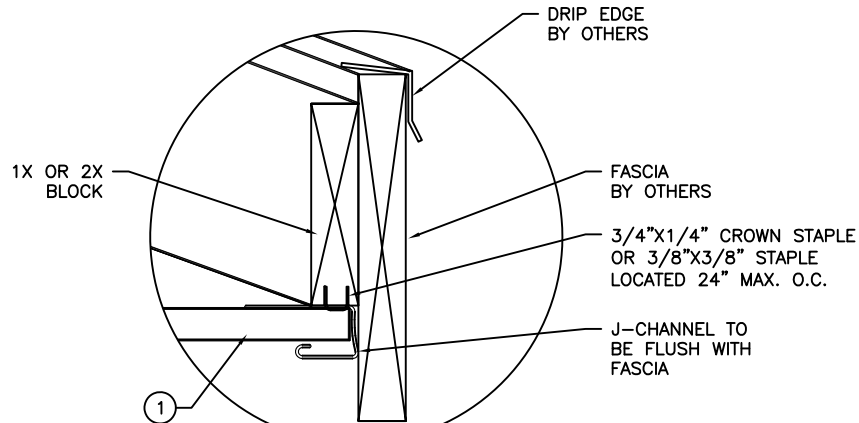
SIGNED: 01/08/2023



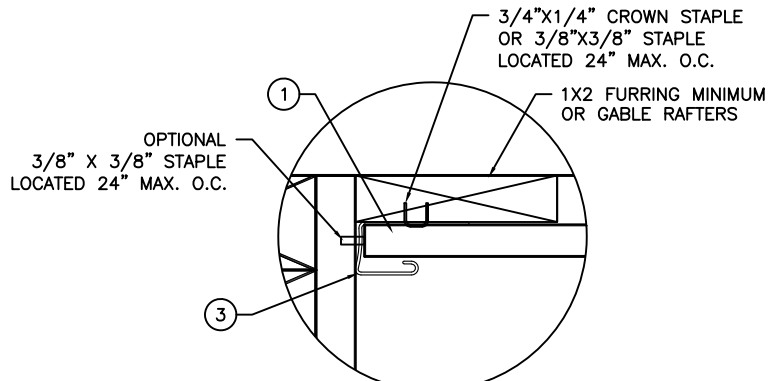
Luis R. Lomas P.E.
FL No.: 62514



DETAIL F
STAPLE DIAMOND PATTERN



DETAIL G
WOOD FRAMING INSTALLATION
WITH J-CHANNEL



DETAIL H
WOOD FRAMING INSTALLATION
WITH J-CHANNEL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISED PER NEW REQUIREMENTS	01/08/23	R.L.

SIGNED: 01/08/2023

ALPHA ALUMINUM INC. 1710 PREMIER ROW ORLANDO, FL 32809		
16" ALUMINUM SOFFIT INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-02198	REV F
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

Professional Engineer
Luis R. Lomas P.E.
FL No.: 62514

