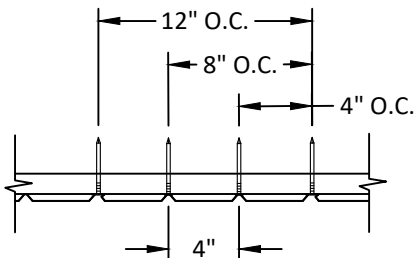


ALUMINUM COILS, INC.

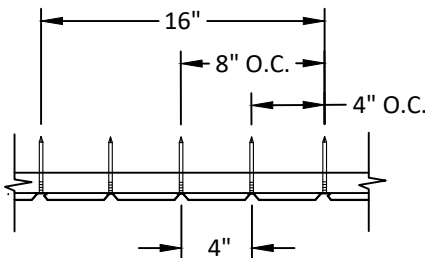
ALUMINUM SOFFITS

GENERAL NOTES:

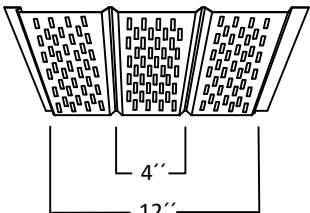
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA 1402-09
 - ASTM E330-14(21)
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- ALUMINUM SOFFITS MEET THE REQUIREMENTS OF CHAPTER 14 OF THE FLORIDA BUILDING CODE.
- ALUMINUM SOFFIT SPECIFICATIONS:
 - ALUMINUM MATERIAL: 3105 H-14
 - MINIMUM SOFFIT THICKNESS: 0.0135"
 - REFER TO DESIGN PRESSURE TABLE, SHEET 1 FOR ALLOWABLE DESIGN PRESSURES.
- WALLS AND FRAMING TO RECEIVE ALUMINUM SOFFIT SHALL BE CHECKED FOR STRUCTURAL ADEQUACY, CRACKS AND DEFECTS THAT SHALL BE ELIMINATED.
- INSTALLATION OF THE SOFFIT AND ACCESSORY PRODUCTS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE APPLICABLE SECTIONS OF THE FBC.
- WHERE APPLICABLE INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - *FASTENERS INSTALLED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.1.1 (ASTM A240 TYPE 304, A305, 316, OR 410)
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED UNVENTED SPACES SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
 - CONNECTORS AND METAL PLATES USED BETWEEN 300 AND 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED VENTED SPACES, EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE ENHANCED GALVANIZED PER SECTION 1711.1.2.2 (ASTM A653 G185, ASTM A123 AT 2.0 OZ/SF MIN, OR TPI 1 COATING).
 - *CONNECTORS AND METAL PLATES USED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.2.1 (ASTM A240 TYPE 316).
 - FASTENERS USED WITH CONNECTORS OR METAL PLATES SHALL HAVE A CORROSION-RESISTANT COATING OR COMPOSITION COMPATIBLE WITH THAT OF THE CONNECTOR/PLATE TO PREVENT GALVANIC CORROSION BETWEEN DISSIMILAR MATERIALS (SECTION 1711.1.1.3). EXCEPTION: FASTENERS AND CONNECTORS FULLY EMBEDDED IN CONCRETE OR MORTAR ARE EXEMPT FROM NOTES 6 AND 7 (SECTION 1711.1).



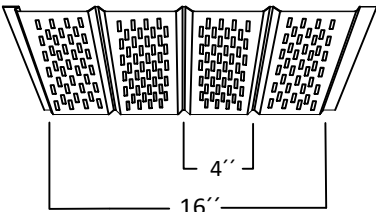
12" T4 SOFFIT



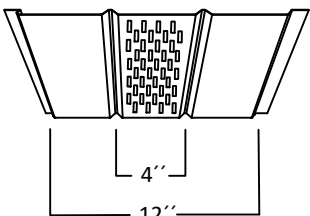
16" Q4 SOFFIT



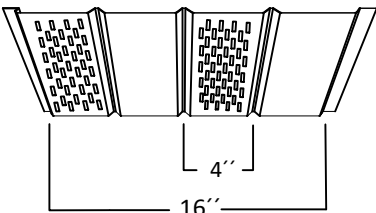
FULL VENT



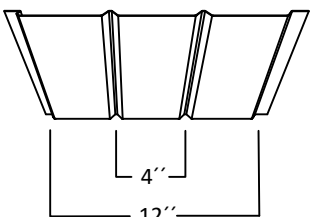
FULL VENT



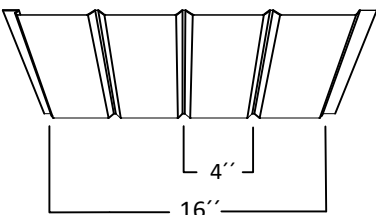
CENTER VENT



CENTER VENT



SOLID PANEL



SOLID PANEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & SOFFIT DETAILS
2	APPROVED SYSTEMS
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5	WALL CONNECTIONS 9-12
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9	CENTER CONNECTIONS 1-4
10	CENTER CONNECTIONS 5-6
11	CEILING CONNECTIONS 1-2

NET FREE AREA PER FT (IN ² /FT)			
SOFFIT TYPE	FULL VENT	CENTER VENT	SOLID PANEL
12" T4	15.5	5.2	0
16" Q4	19.8	9.9	0

LEGEND:

- TRIPLE 4 OR T4 HAS "V" GROOVES EVERY 4" ACROSS WIDTH, AND EACH PANEL IS 12" WIDE.
- QUAD 4 OR Q4 HAS "V" GROOVES EVERY 4" ACROSS WIDTH, AND EACH PANEL IS 16" WIDE.



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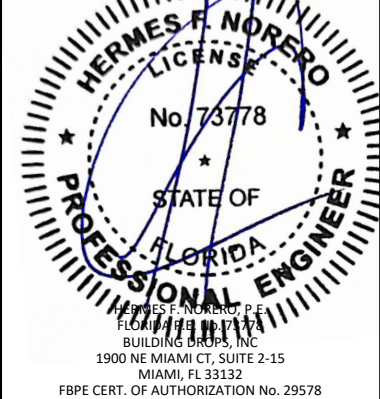
ALUMINUM SOFFITS
GENERAL NOTES &
SOFFIT DETAILS

BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.10.07 10:55:41 -07'00'



FL #: **FL12194**

DATE: **07.16.2025**

DWG. BY: **DB** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ALC002**

SHEET: **1** REV. **B**

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APPROVED SYSTEMS								
SOFFIT TYPE	MAX. PANEL WIDTH (IN.)	SYSTEM NO.	WALL CONNECTION	CENTER CONNECTION (EVENLY SPACED BETWEEN WALL & EAVE)	EAVE CONNECTION	CEILING CONNECTION	DESIGN PRESSURE (PSF)	
12" T4 OR 16" Q4	10.5	10.5JJ-1	1	-	1	-	+43.3/-43.3	
	12	12F-1	6		3		+40.0/-40.0	
		12F-2	3		4		+48.0/-64.2	
		12F-3	8		3		+40.0/-40.0	
		12F-4	8		4		+48.0/-64.2	
		12F-5	4		4		+83.3/-80.0	
		12J-1	9		5		+70.0/-73.3	
		12J-2	2		5		+66.7/-53.3	
		12JJ-1	1		1		+70.0/-60.0	
		12" T4	16		16F-1		5	6
12" T4 OR 16" Q4	16F-2	4			7		+53.3/-46.7	
	16F-3	3			8		+27.0/-36.1	
	16F-4	6			3		+25.6/-25.6	
12" T4	16F-5	8			6		+53.3/-53.3	
12" T4 OR 16" Q4	16F-6	8			3		+25.6/-25.6	
	16F-7	8			7		+56.7/-46.7	
	16F-6	4			7		+53.3/-46.7	
	16F-7	8			7		+90.0/-66.7	
	16J-1	10			8		+23.5/-31.4	
	16J-2	9			5		+53.3/-53.3	
	16J-3	2			5		+66.7/-53.3	
	16JJ-1	1			2		+32.7/-32.7	
	16JJ-2	1			1		+43.3/-33.3	
16B-1	12	1		9	+93.3/-86.7			
12" T4	24	24F-1	5	2	10	+80.0/-90.0		
12" T4 OR 16" Q4		24F-2	7	2	10	+80.0/-76.6		
		24F-3	5	3	11	+80.0/-60.0		
		24F-4	7	3	11	+80.0/-60.0		
12" T4		24F-5	8	2	10	+80.0/-76.6		
12" T4 OR 16" Q4		24F-6	8	3	11	+80.0/-60.0		
12" T4		24J-1	11	4	10	+60.0/-60.0		
12" T4 OR 16" Q4		24J-2	11	5	11	+53.3/-53.3		
	>24	>24J-1	10	6	12	+60.0/-60.0		
		>24F-1	5	6	12	+60.0/-60.0		
		>24F-2	8	6	12	+60.0/-60.0		
		C-1	-	-	-	1	+70.0/-60.0	
							2	-40.0



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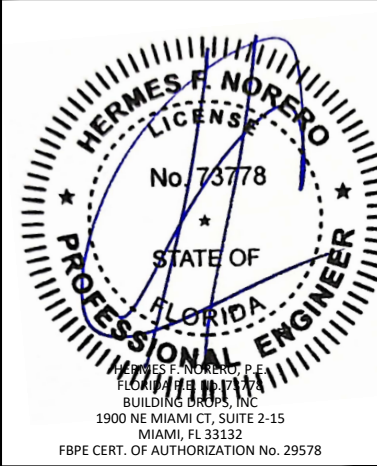
ALUMINUM SOFFITS
APPROVED SYSTEMS

BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



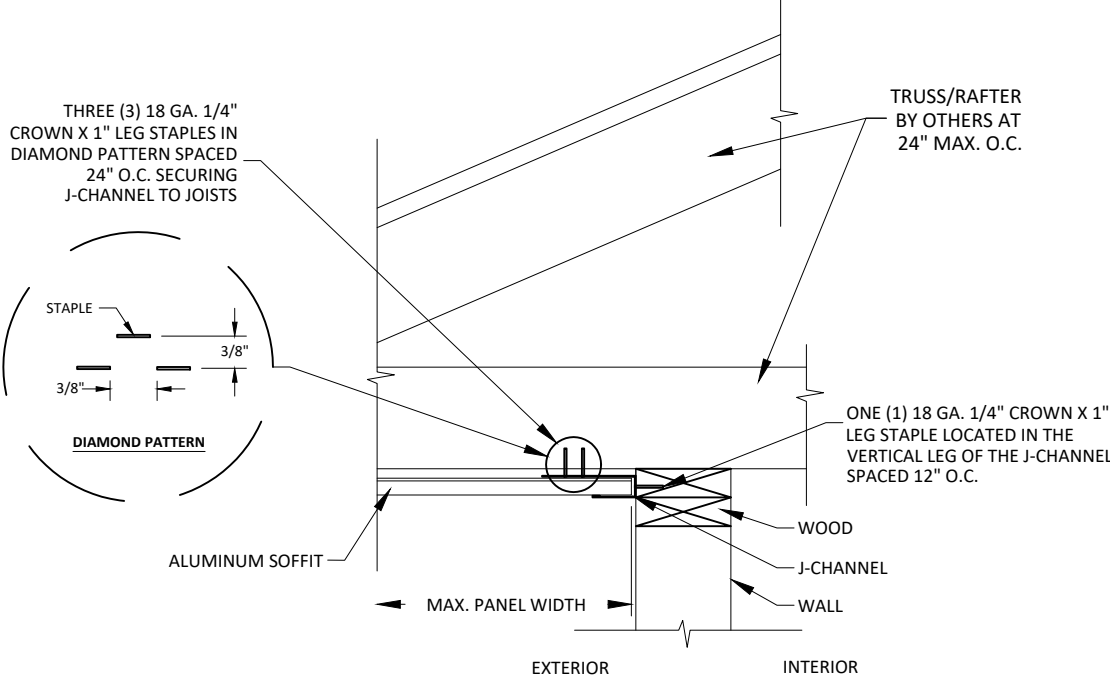
REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

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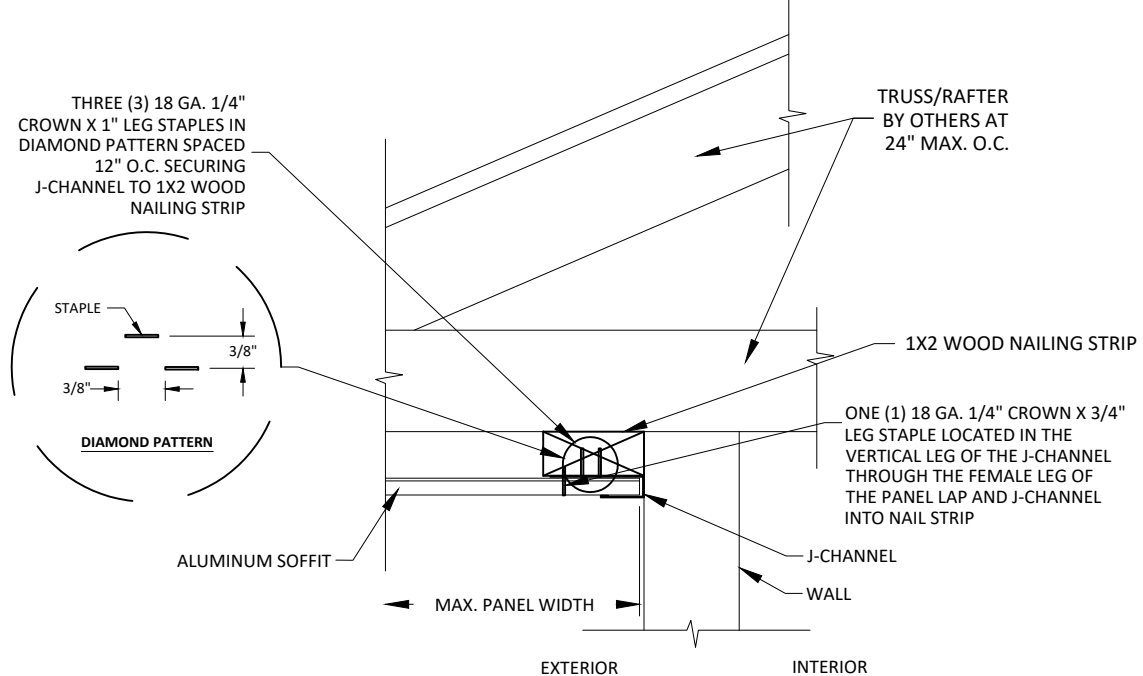


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DATE:	07.16.2025	
DWG. BY:	DB	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	ALC002	
SHEET:	2	REV. B

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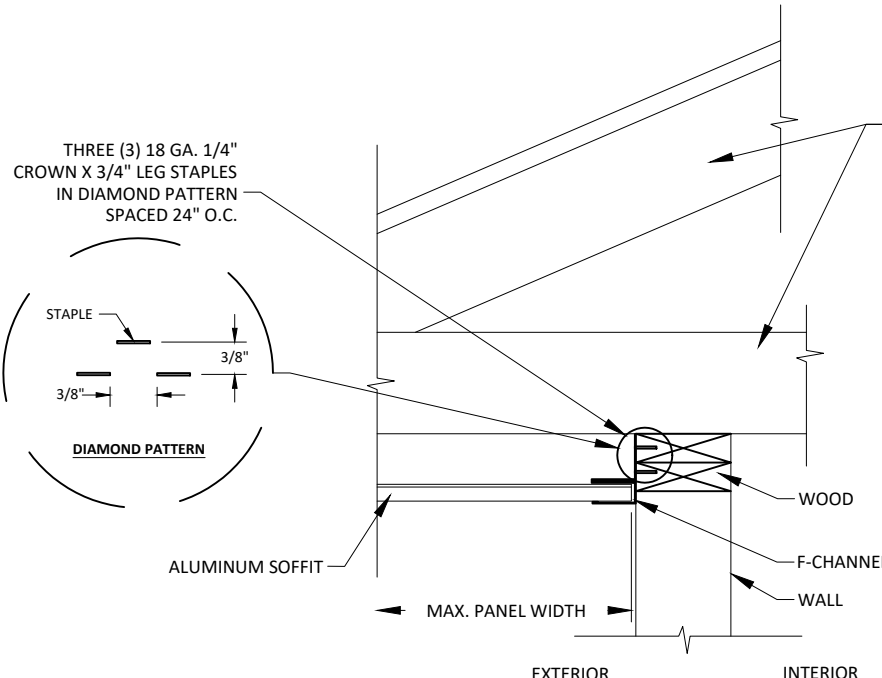


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3 VERTICAL SECTION
WALL CONNECTION 1

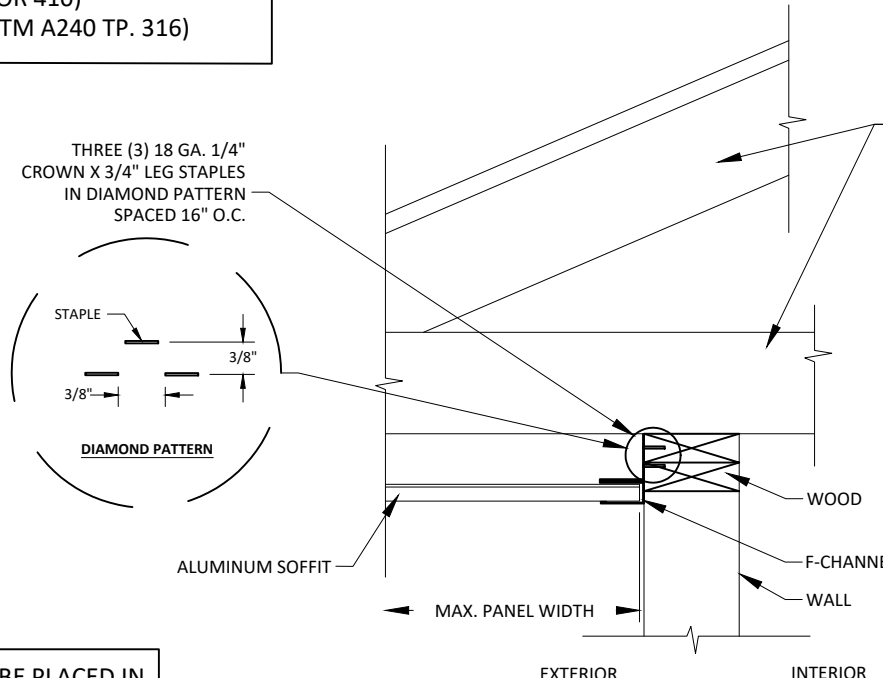
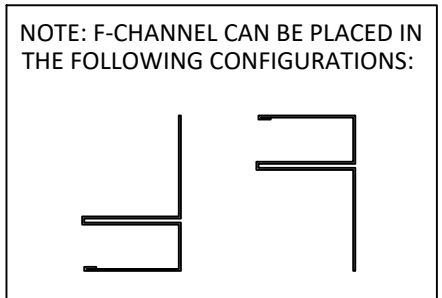


B
3 VERTICAL SECTION
WALL CONNECTION 2

ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN **300 FT**
OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS
SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL**
(MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)



C
3 VERTICAL SECTION
WALL CONNECTION 3



D
3 VERTICAL SECTION
WALL CONNECTION 4



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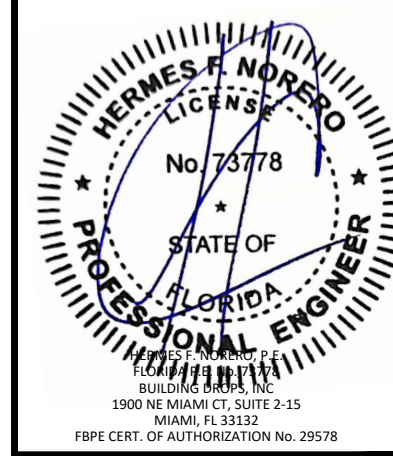
TITLE:
ALUMINUM SOFFITS
WALL CONNECTIONS 1-4

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1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

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FL #:
FL12194

DATE: **07.16.2025**

DWG. BY: **DB** CHK. BY: **HFN**

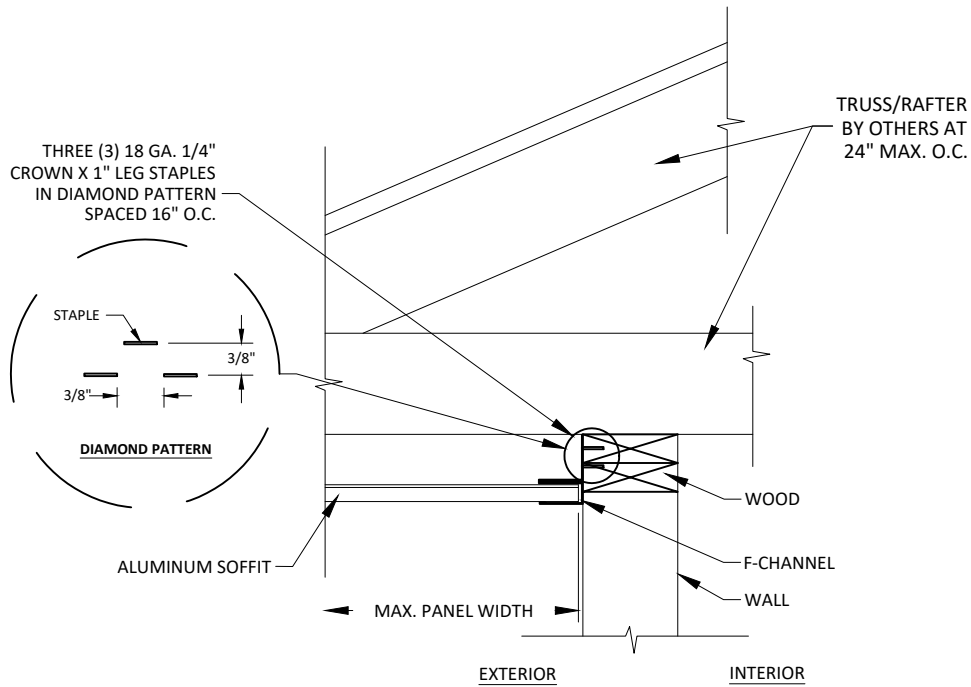
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DWG. #: **ALC002**

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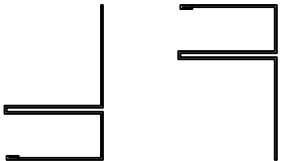
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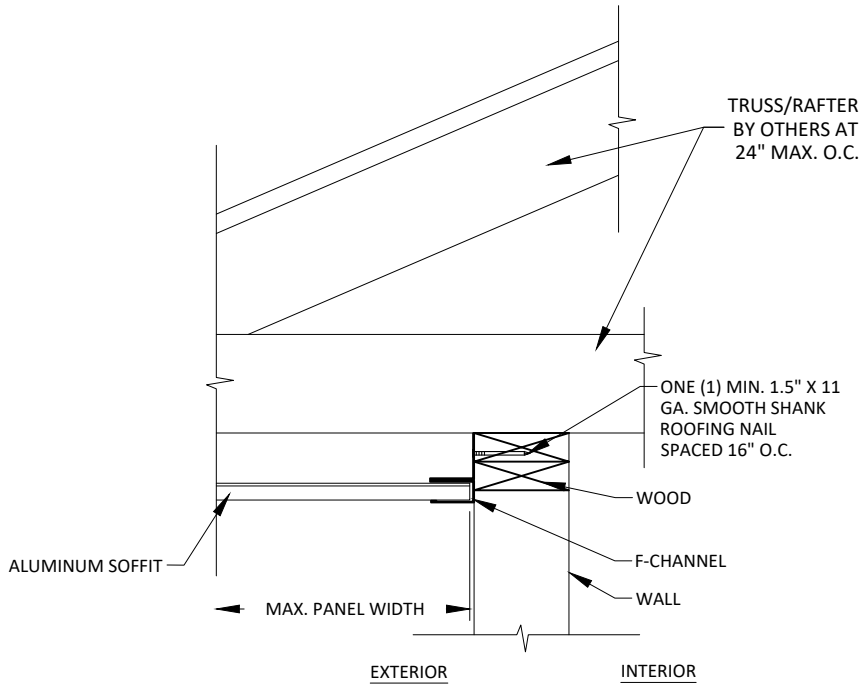


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4 VERTICAL SECTION
WALL CONNECTION 5

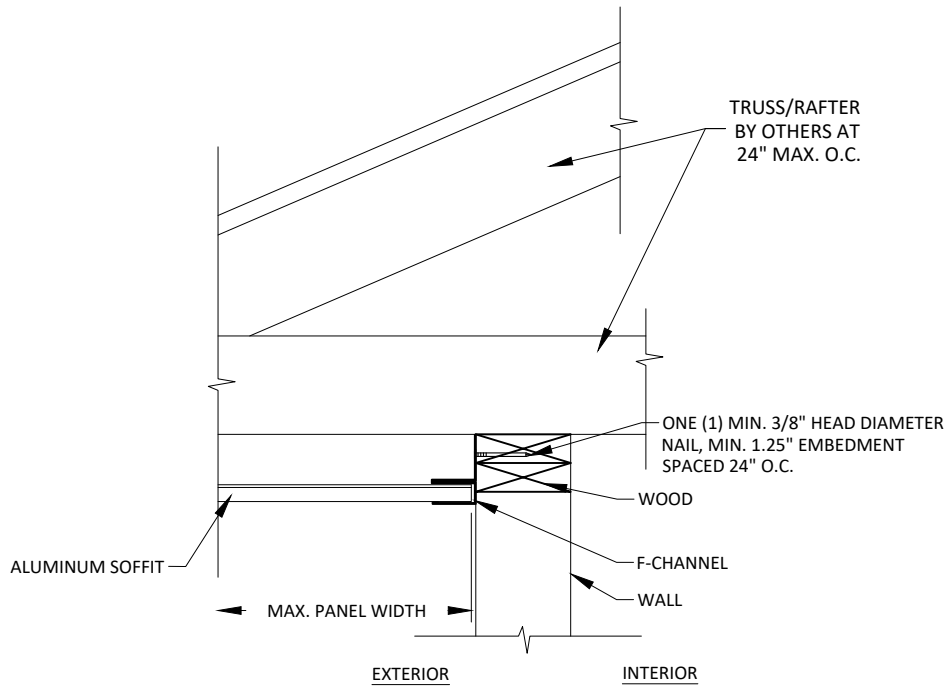
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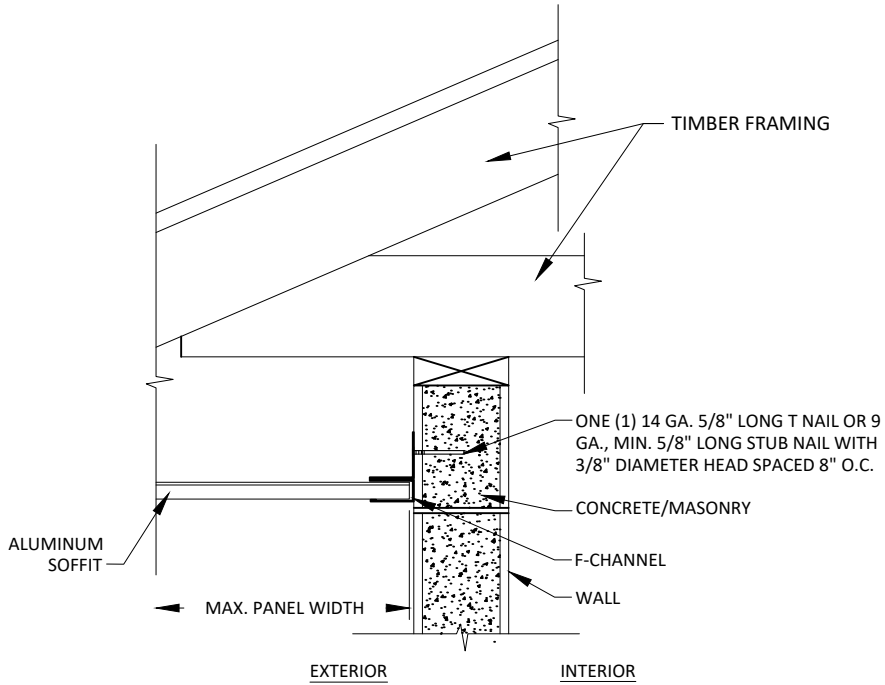
ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN **300 FT** OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL** (MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)



C
4 VERTICAL SECTION
WALL CONNECTION 7



B
4 VERTICAL SECTION
WALL CONNECTION 6



D
4 VERTICAL SECTION
WALL CONNECTION 8



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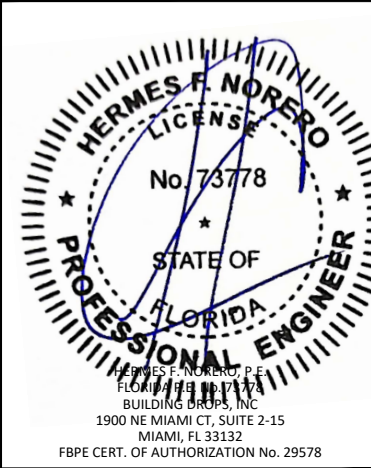
ALUMINUM SOFFITS
WALL CONNECTIONS 5-8

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REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

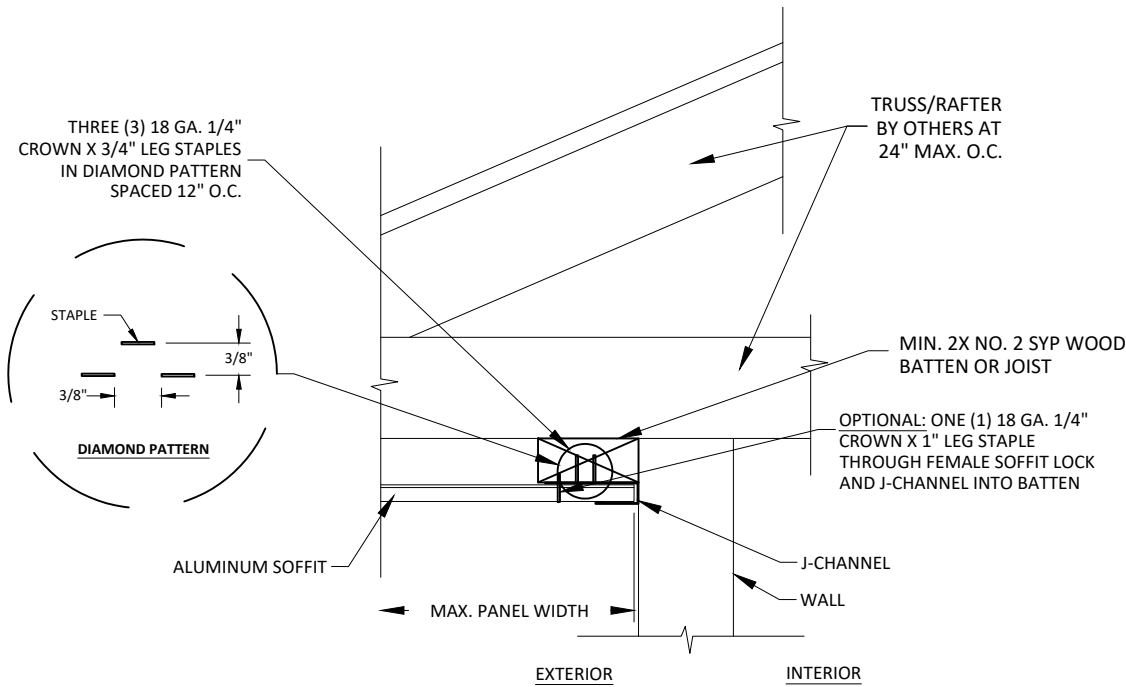
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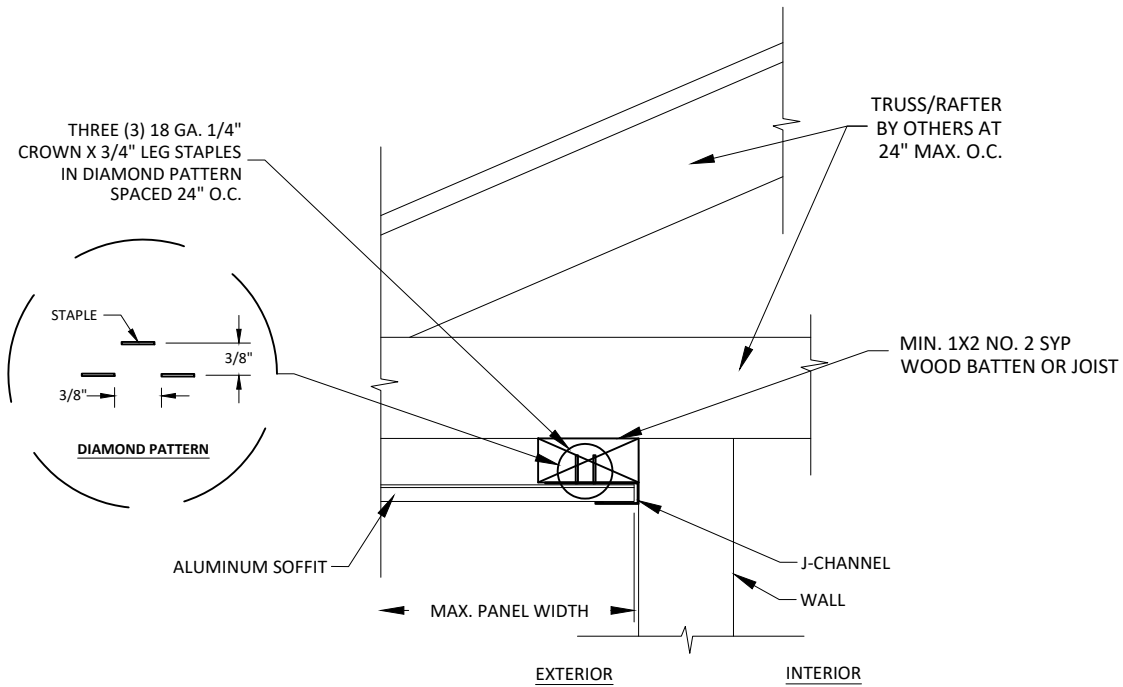
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DWG. #:	ALC002
SHEET:	4
REV.	B

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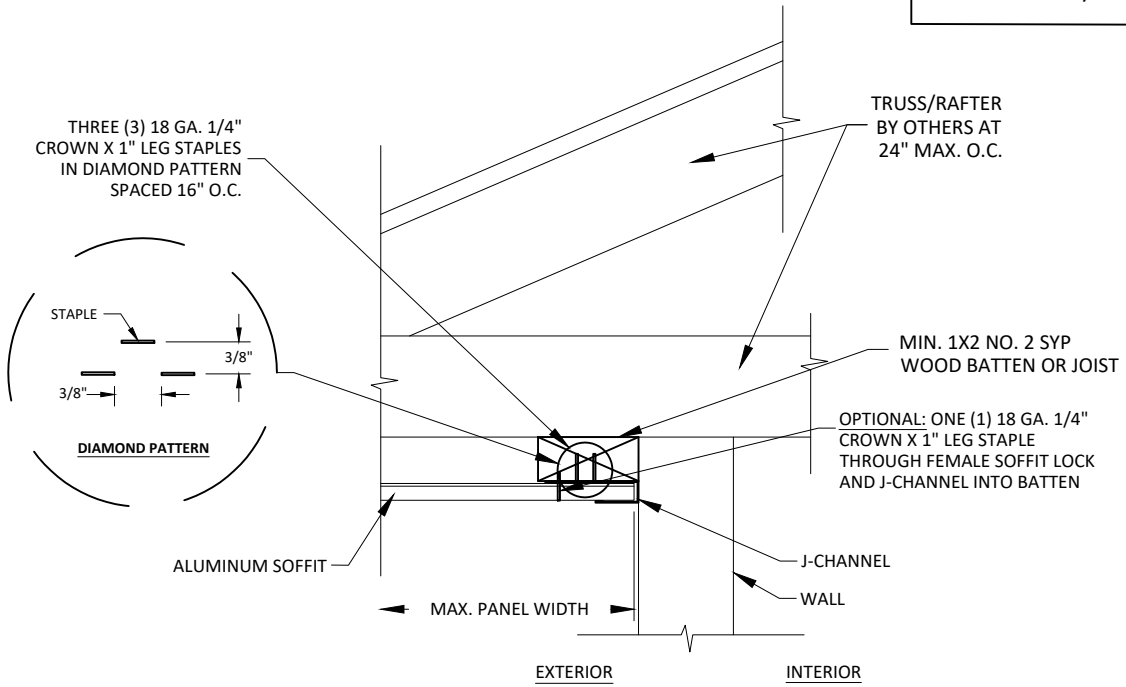


A
5 **VERTICAL SECTION**
WALL CONNECTION 9

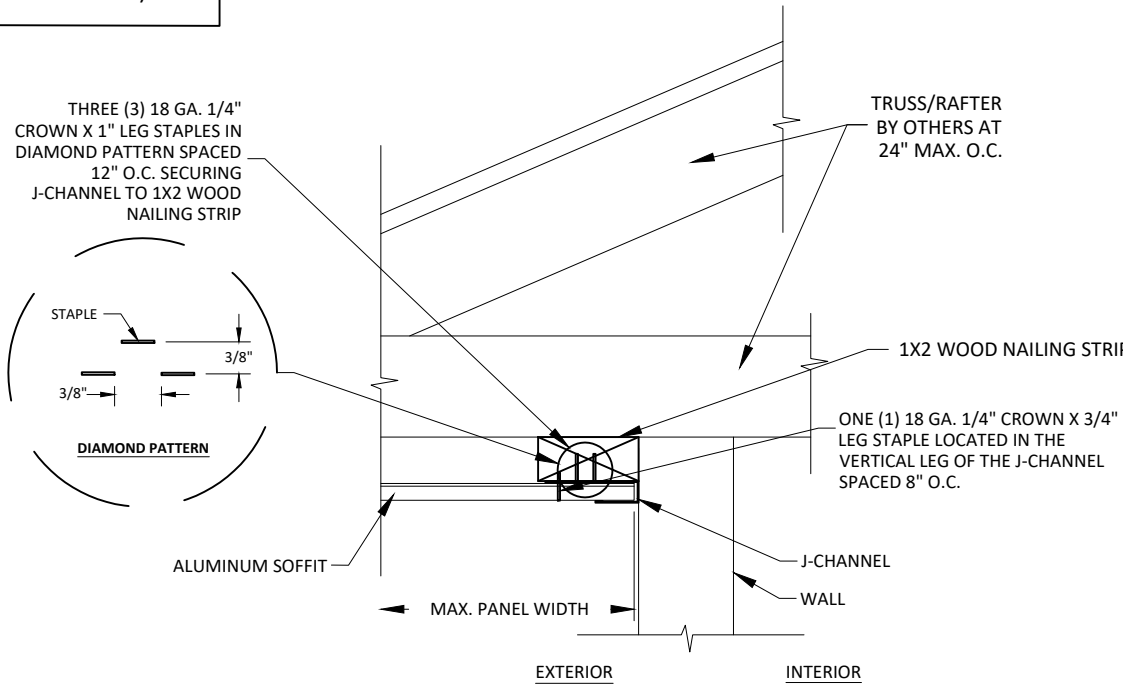


B
5 **VERTICAL SECTION**
WALL CONNECTION 10

ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN 300 FT
OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS
SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL**
(MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)



C
5 **VERTICAL SECTION**
WALL CONNECTION 11



B
5 **VERTICAL SECTION**
WALL CONNECTION 12



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PH: (813) 249-9742

TITLE:

ALUMINUM SOFFITS
WALL CONNECTIONS 9-11

PREPARED BY:

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MIAMI, FL 33132
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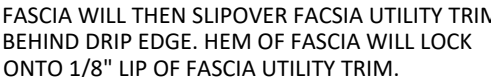


REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

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FL #:	FL12194
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DWG. BY:	DB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	ALC002
SHEET:	5
REV.	B

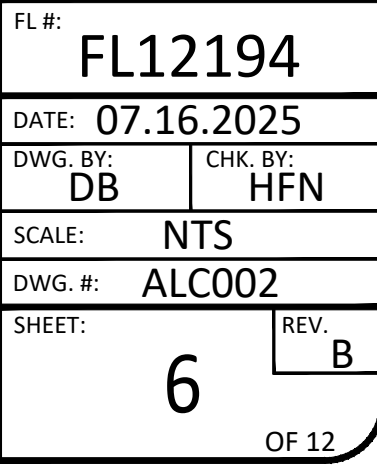


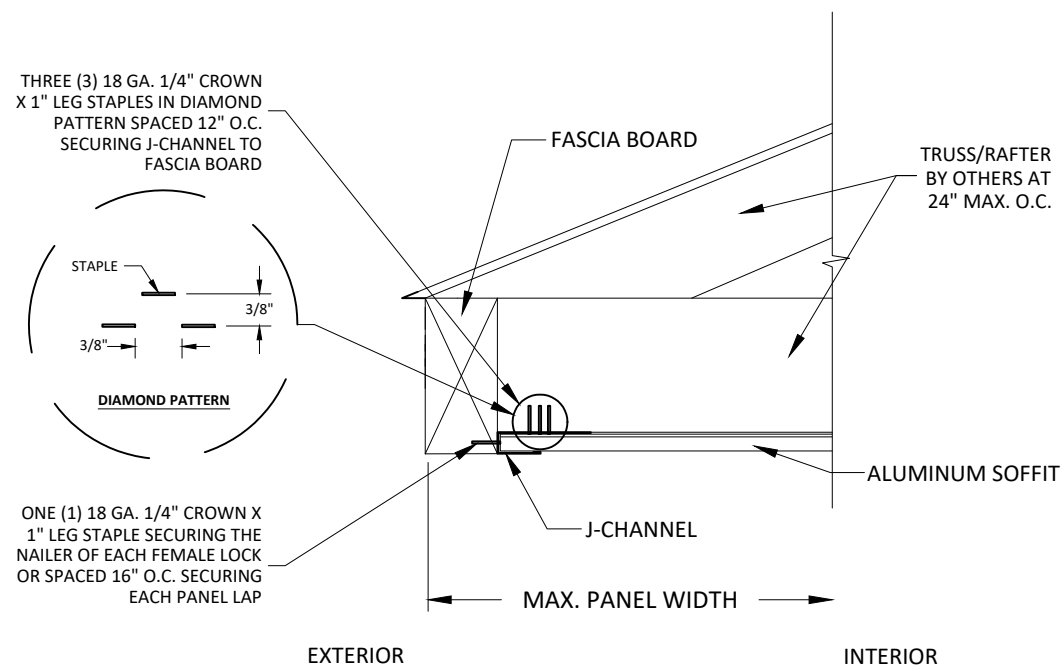
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NOTE: IF H > 6.5" USE UTILITY TRIM.

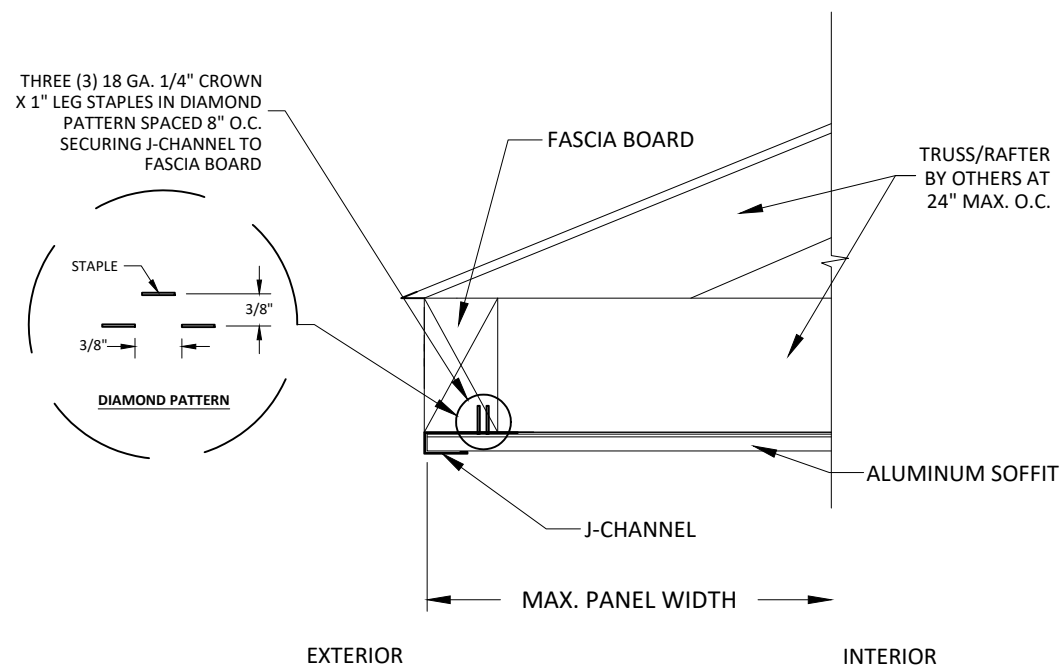
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FASTENERS: WHERE APPLICABLE; WHEN WITHIN **300 FT**
OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS
SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL**
(MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)

NOTE: IF H > 4.5" USE UTILITY TRIM.



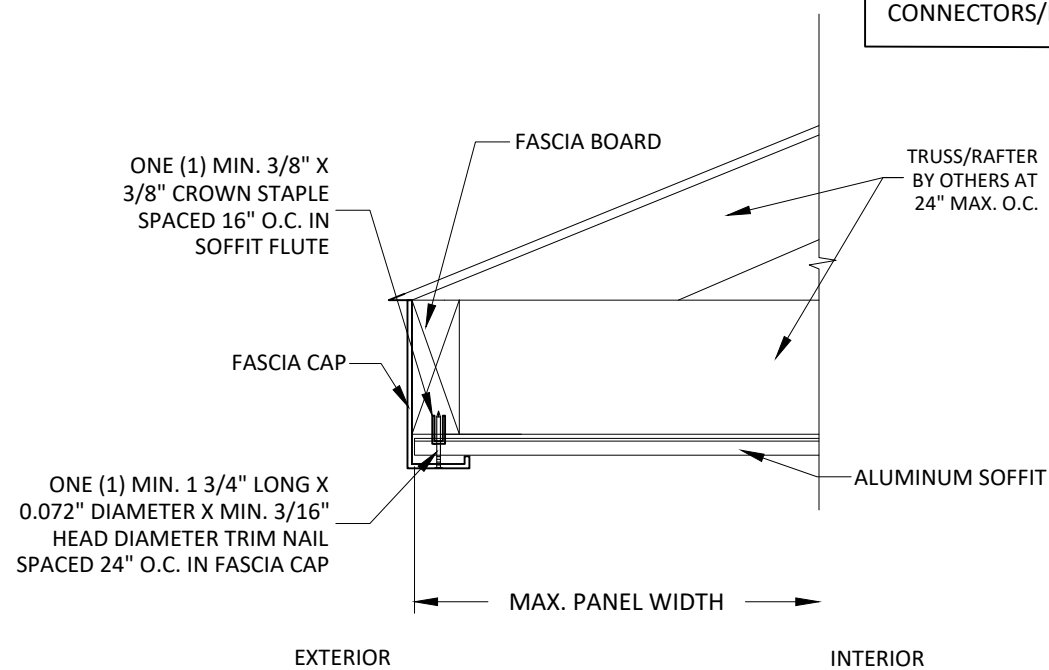


A **7** **VERTICAL SECTION**



B
7 **VERTICAL SECTION**
EAVE CONNECTION 2

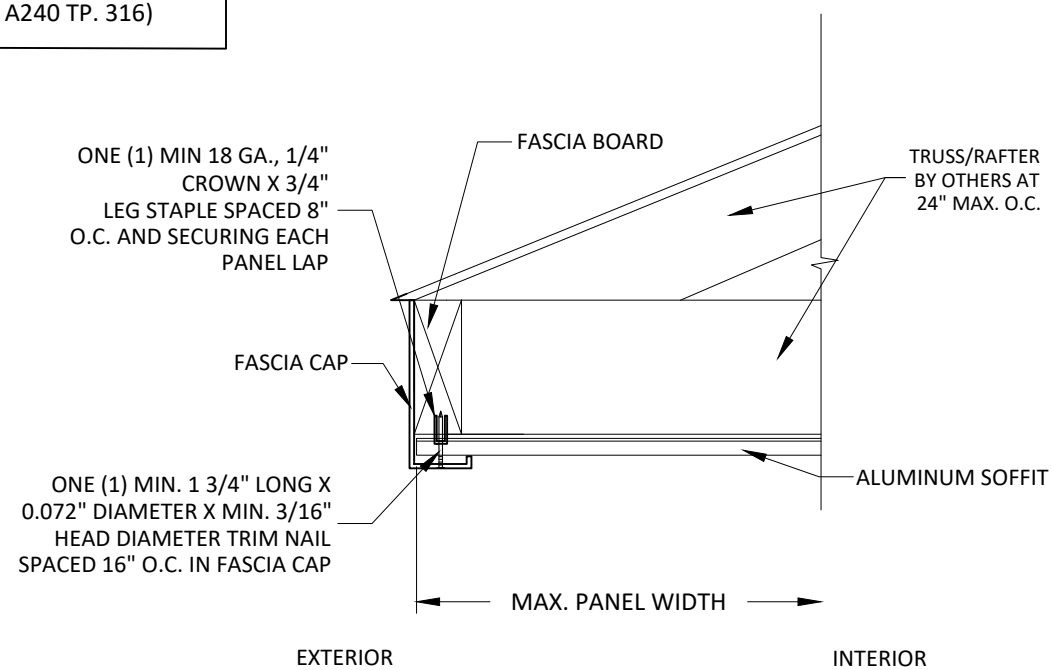
ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN **300 FT**
OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS
SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL**
(MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)



C
7

VERTICAL SECTION

EAVE CONNECTION 3



D
7

VERTICAL SECTION

EAVE CONNECTION 4



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TITLE:

ALUMINUM SOFFITS

EAVE CONNECTIONS 1-4

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MIAMI, FL 33132
PH: (954) 399-8478

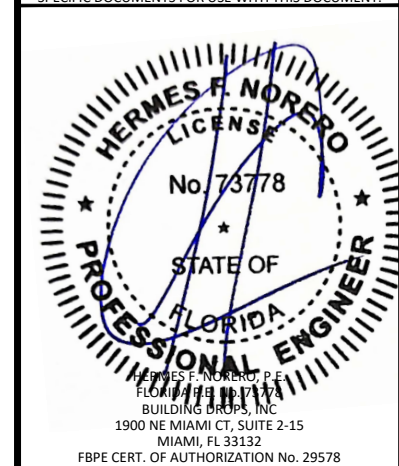
PH: (954) 399-8478
FAX: (954) 744-4738

FAX: (954) 744-4738
WEB: www.buildingdrones.com



REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

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FL #:

FL12194

DATE: 07.16.2025

DWG. BY:
DB

CHK. BY:
HFN

SCALE: NTS

DWG. #: ALC002

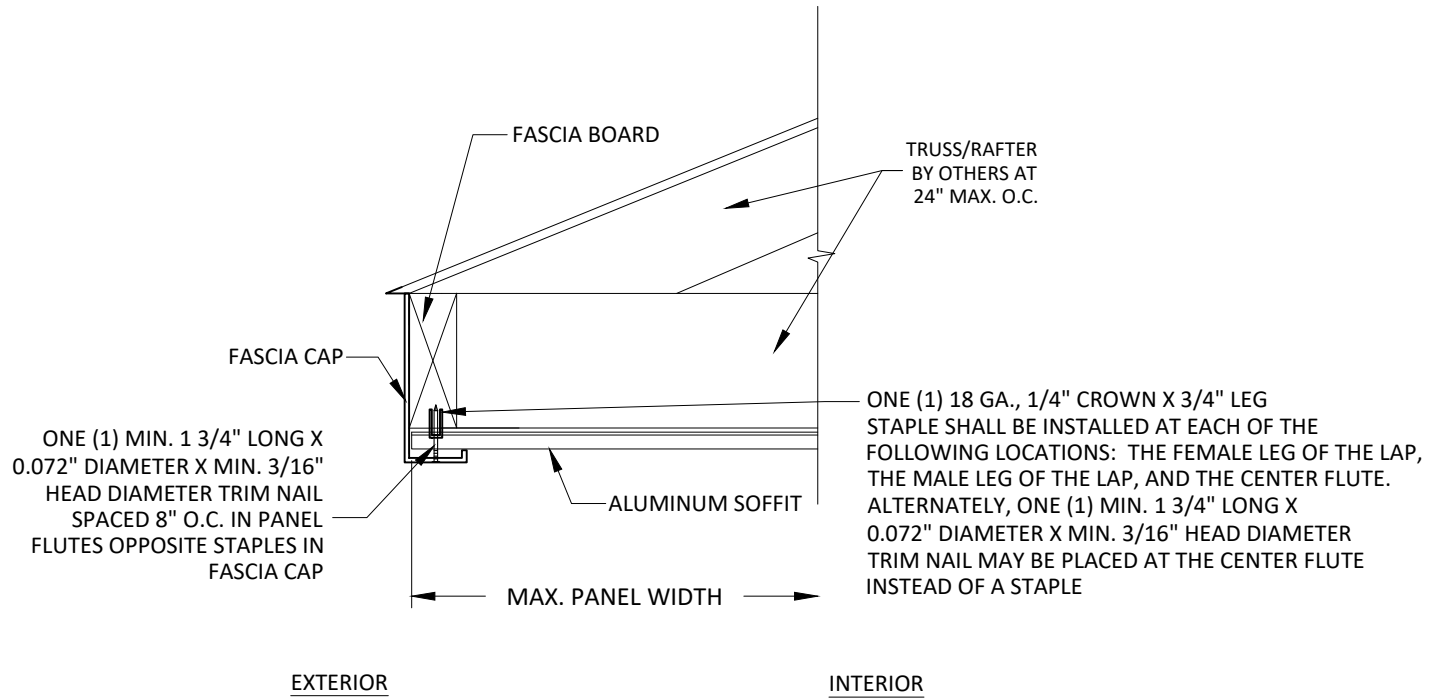
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REV.

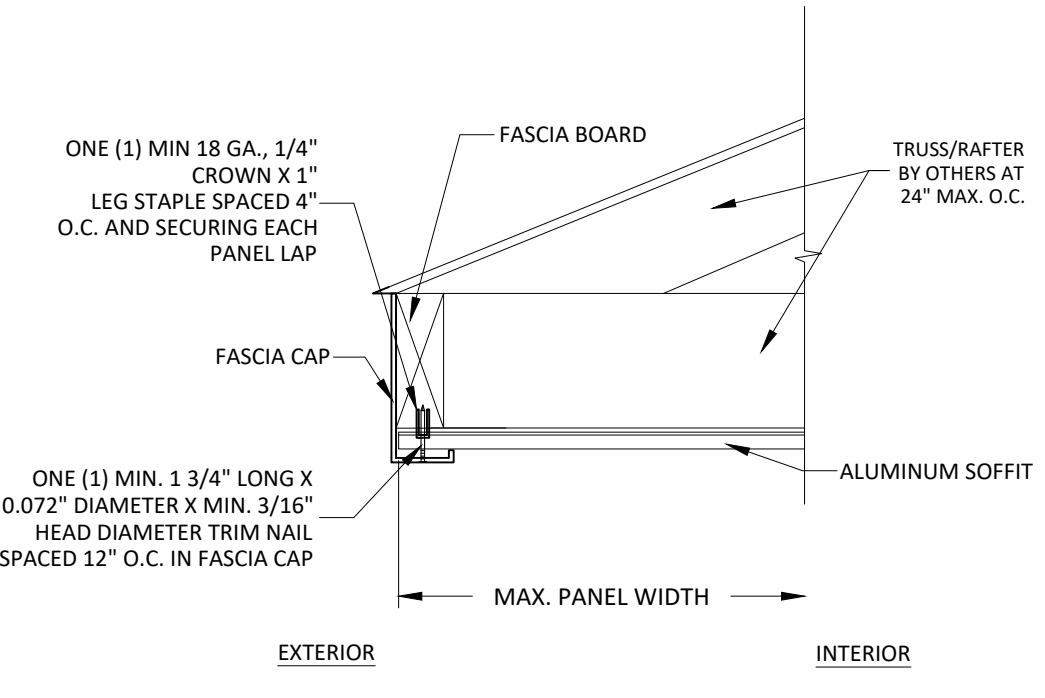
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OF 12

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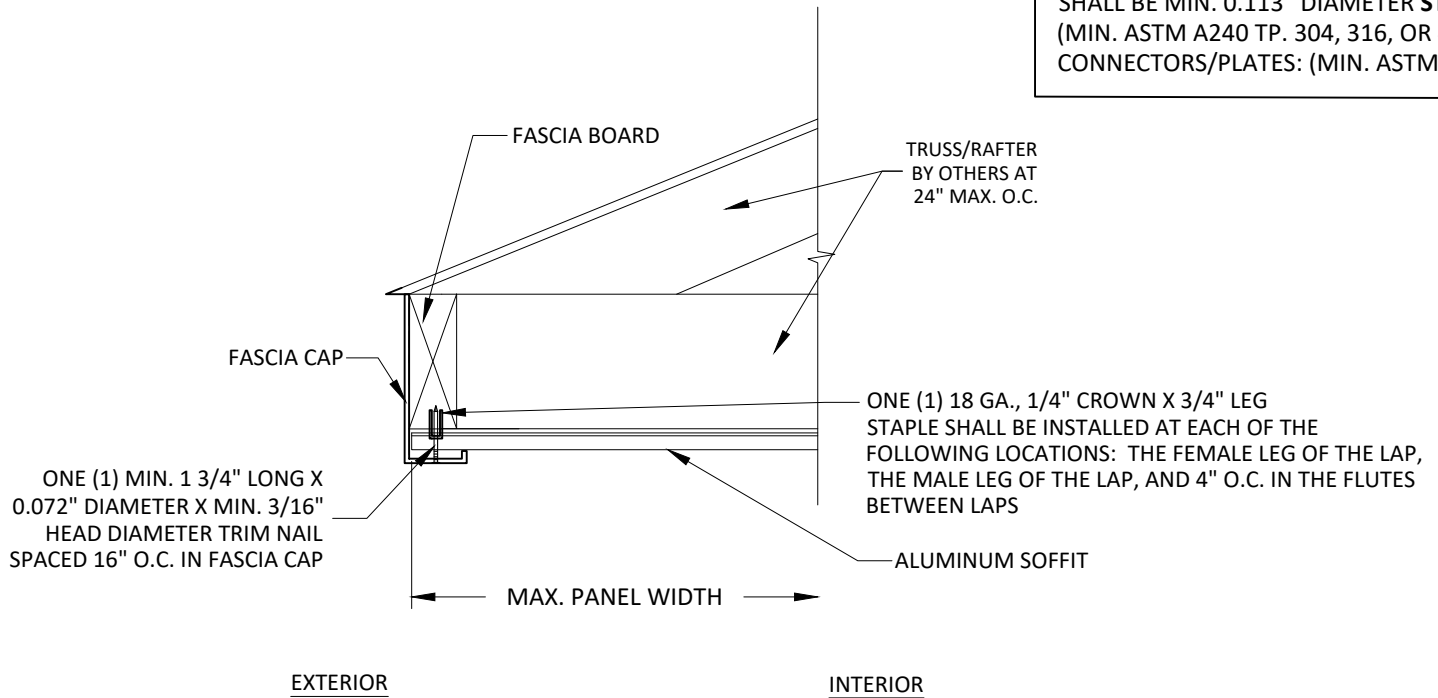


A
8 VERTICAL SECTION
EAVE CONNECTION 5

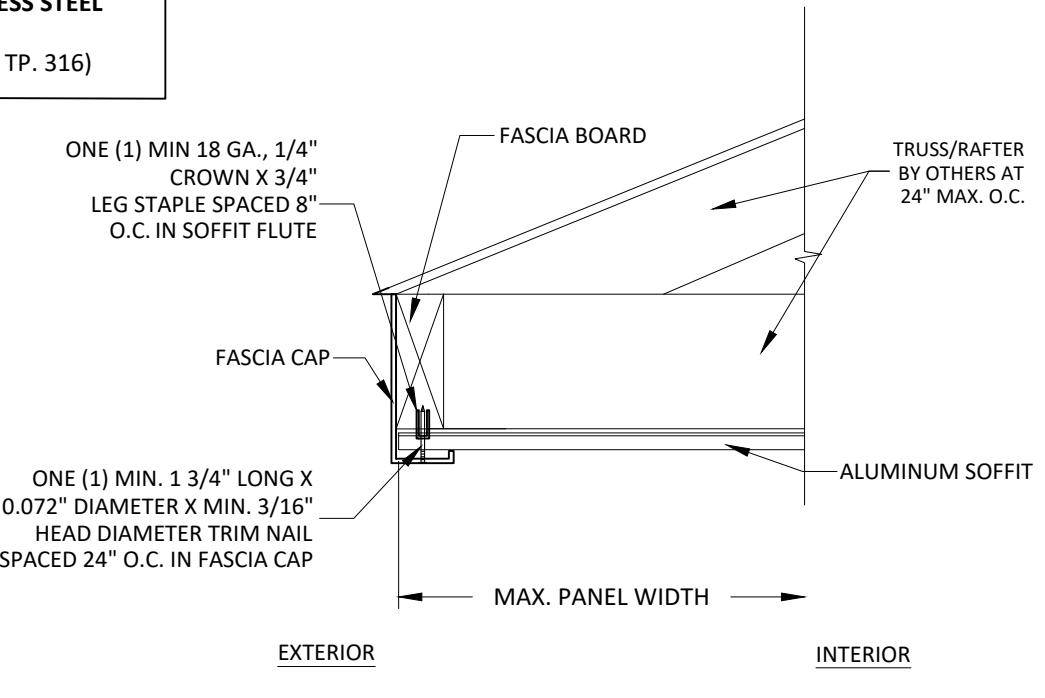


B
8 VERTICAL SECTION
EAVE CONNECTION 6

ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN **300 FT** OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL** (MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)



C
8 VERTICAL SECTION
EAVE CONNECTION 7



D
8 VERTICAL SECTION
EAVE CONNECTION 8



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PH: (813) 249-9742

ALUMINUM SOFFITS
EAVE CONNECTIONS 5-8

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1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

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FL #: **FL12194**

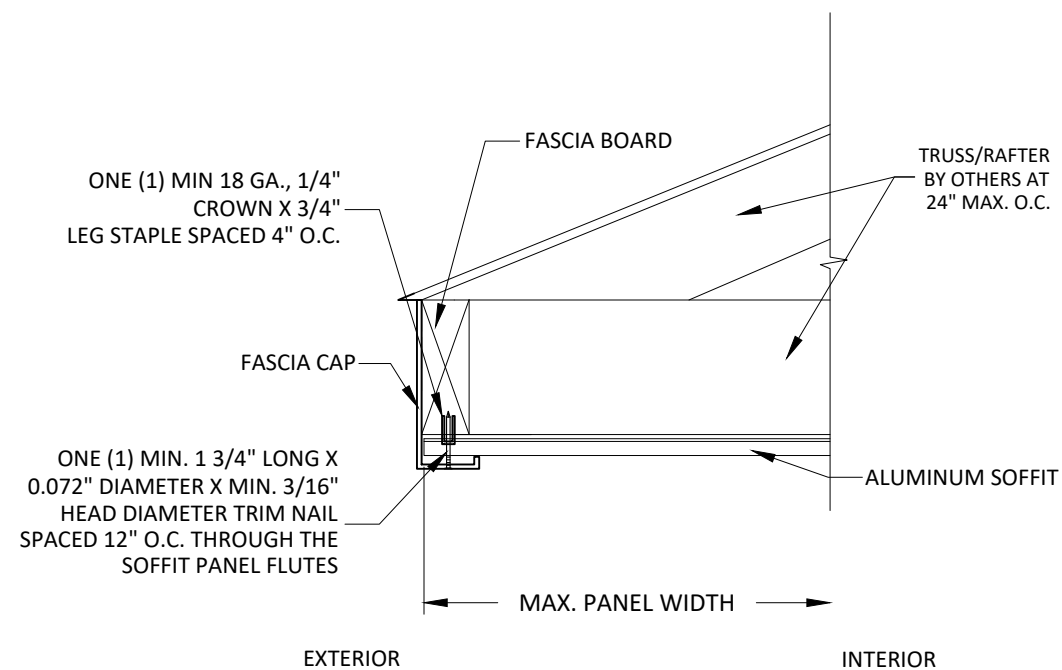
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DWG. BY: **DB** CHK. BY: **HFN**

SCALE: **NTS**

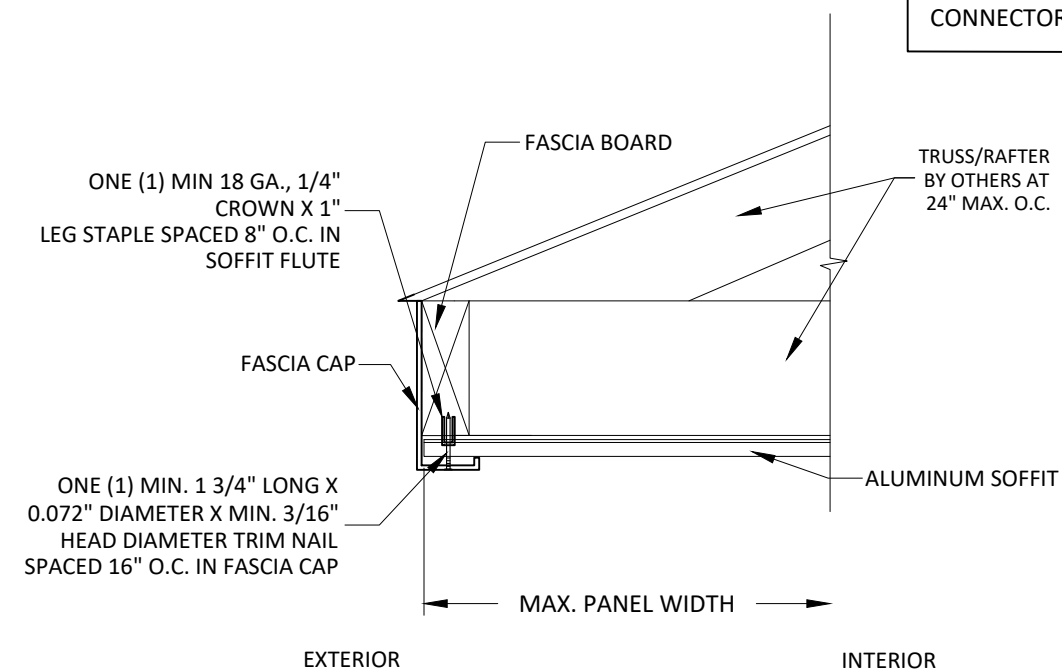
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SHEET: **8** REV. **B**



A **9** **VERTICAL SECTION**

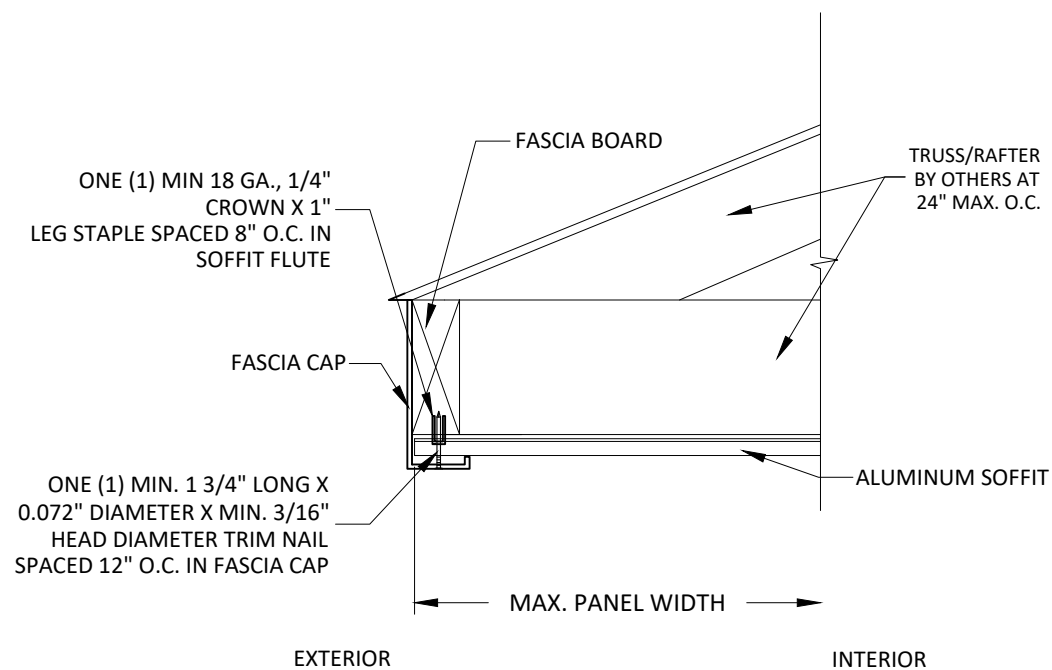
ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN **300 FT**
OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS
SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL**
(MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)



C
9

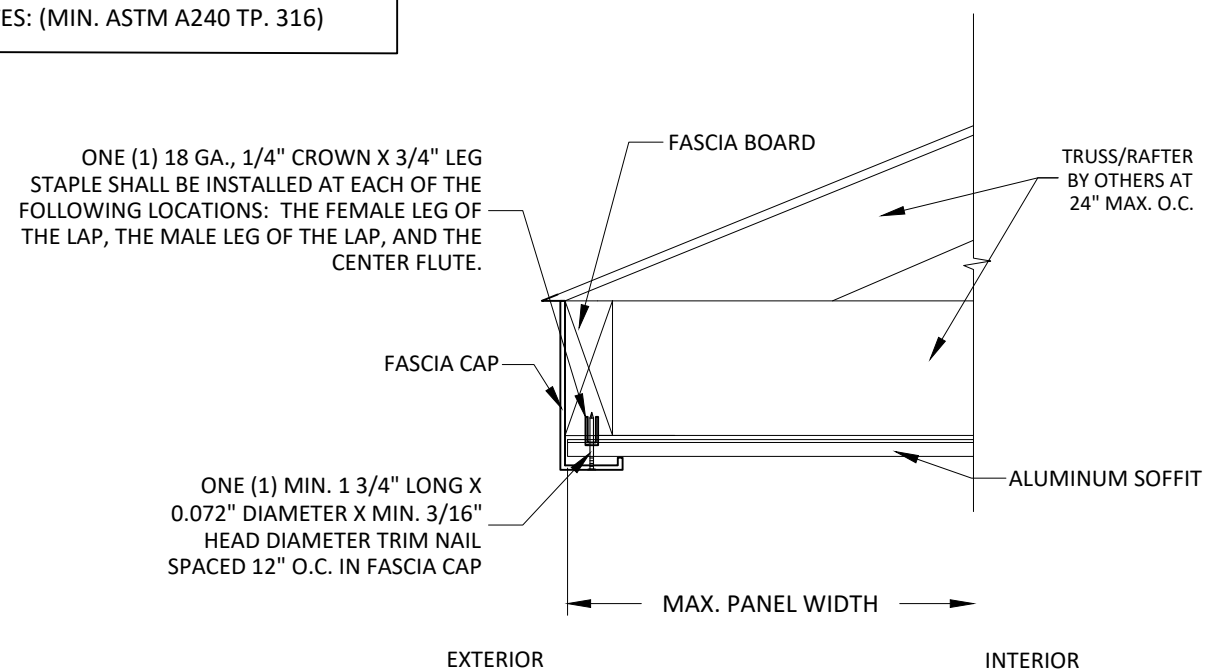
VERTICAL SECTION

EAVE CONNECTION 11



VERTICAL SECTION

EAVE CONNECTION 10



D
9 **VERTICAL SECTION**
EAVE CONNECTION 12



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TAMPA, FL 33634
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ALUMINUM SOFFITS

LEAVE CONNECTIONS 9-12

PREPARED BY:

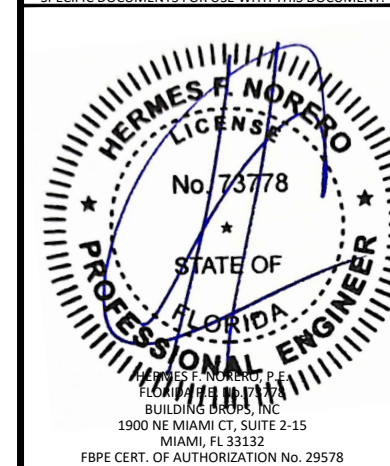


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MIAMI, FL 33132
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REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26/2025
2026 CODE CHANGE	HJ	7/26/2025

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FL #: **FL12194**

DATE: 07.16.2025

DWG. BY: DB	CHK. BY: HF
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SCALE: NTS

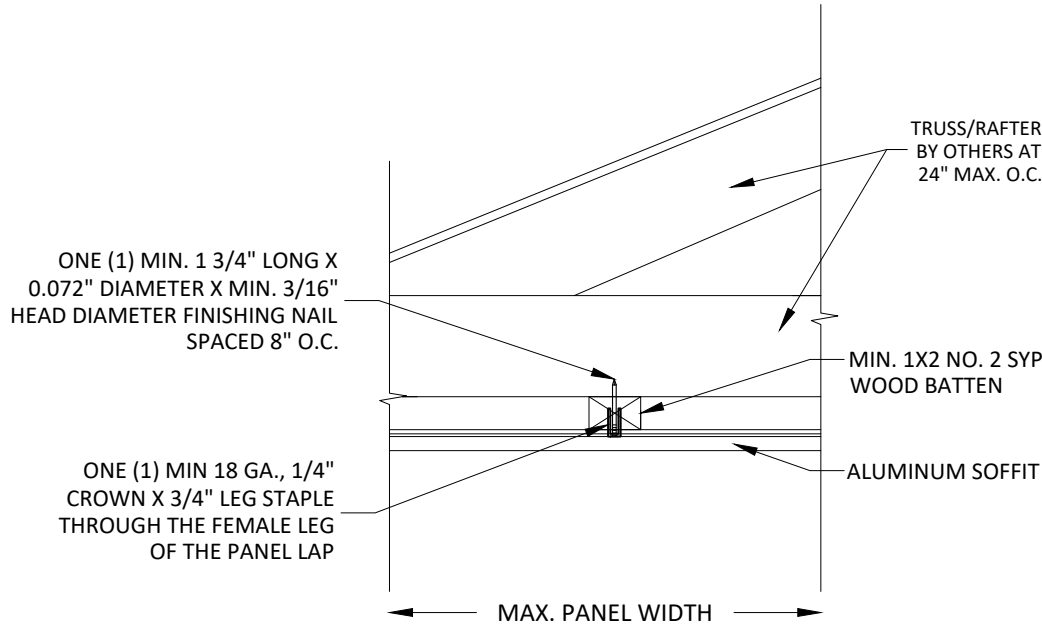
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SHEET:	REV.
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9

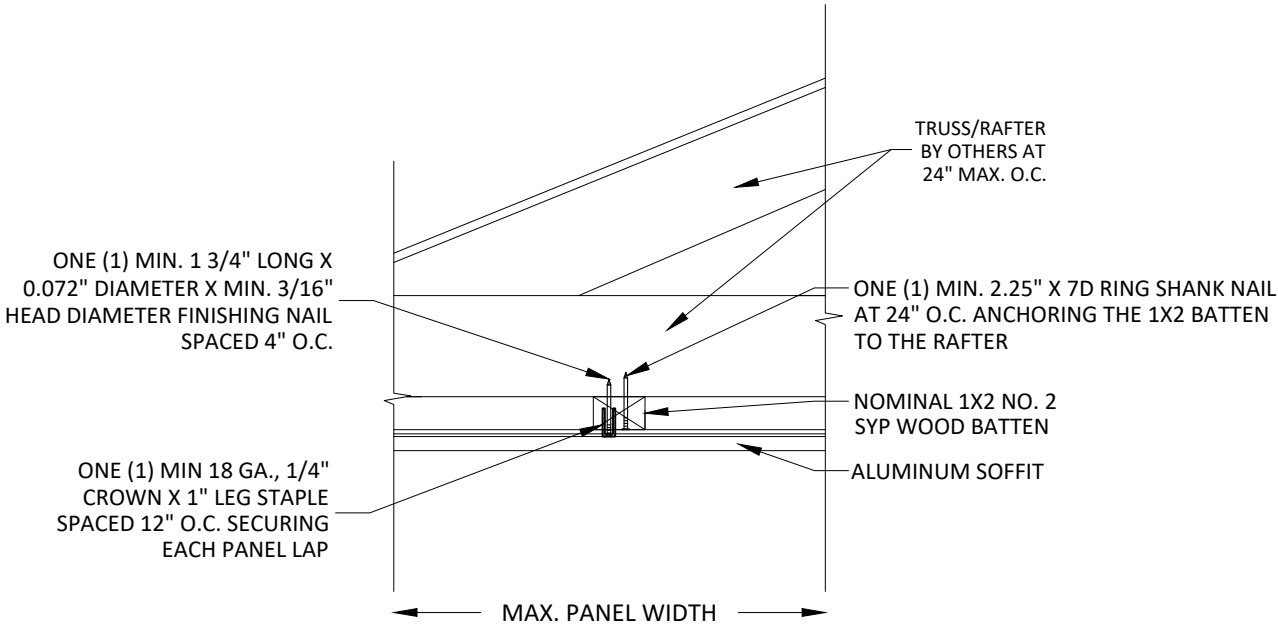
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EXTERIOR

INTERIOR



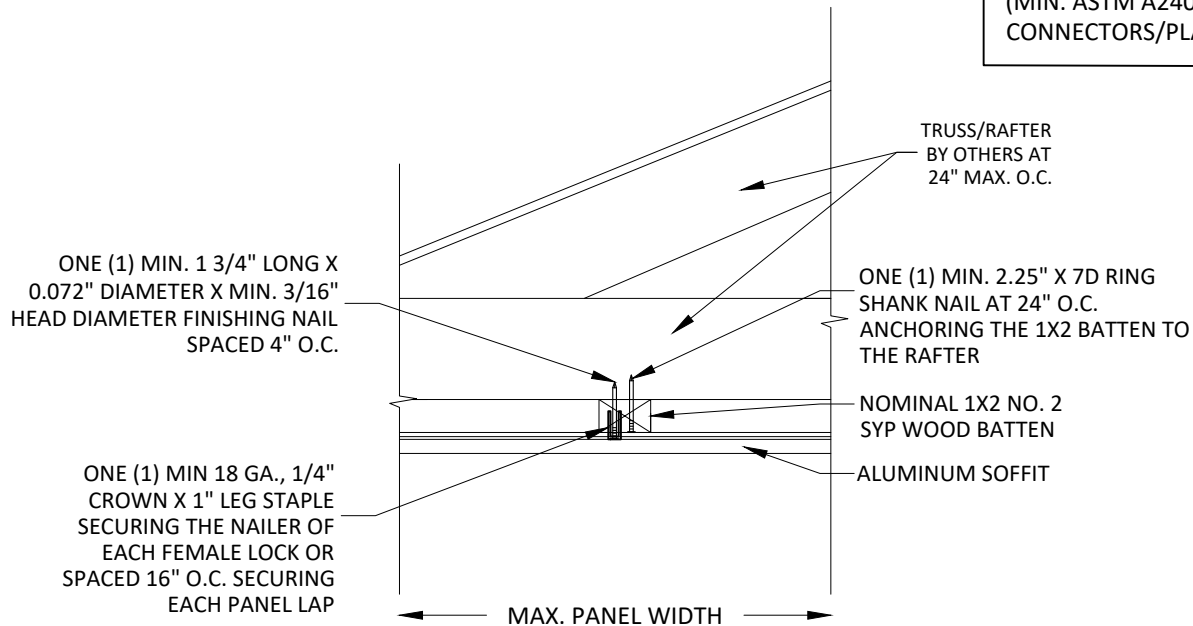
EXTERIOR

INTERIOR

A
10 VERTICAL SECTION
CENTER CONNECTION 1

ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN 300 FT
OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS
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(MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)

B
10 VERTICAL SECTION
CENTER CONNECTION 2

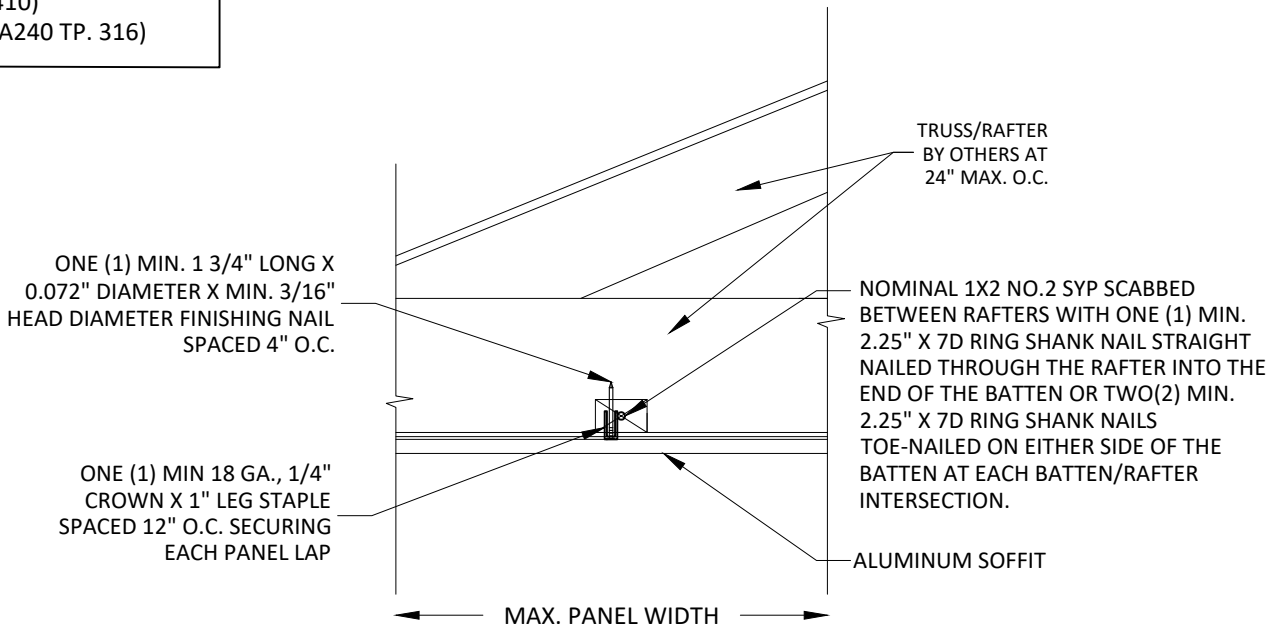


EXTERIOR

INTERIOR

C
10 VERTICAL SECTION
CENTER CONNECTION 3

FRAMING NOTE:
ALUMINUM SOFFIT INSTALLATION TO OPEN FRAMING IS
PERMITTED PROVIDED THE APPLICABLE CEILING CONNECTION
DETAIL IS FOLLOWED IN ITS ENTIRETY, INCLUDING REQUIRED
SUBSTRATE, FASTENER TYPE, MINIMUM DIAMETER, AND
MAXIMUM ON-CENTER SPACING REQUIREMENTS SHOWN HEREIN.



EXTERIOR

INTERIOR

D
10 VERTICAL SECTION
CENTER CONNECTION 4



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PH: (813) 249-9742

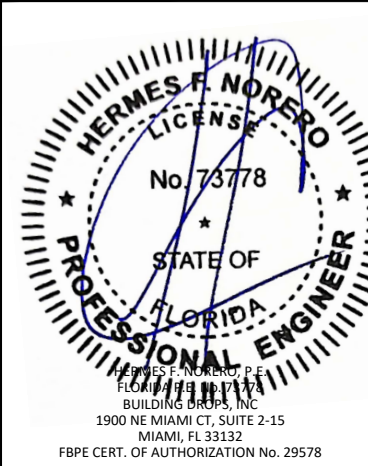
ALUMINUM SOFFITS
CENTER CONNECTIONS 1-4

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MIAMI, FL 33132
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REMARKS	BY	DATE
UTILITY TRIM REV.	HJ	4/26
2026 CODE CHANGE	HJ	7/26

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FL12194

DATE: **07.16.2025**

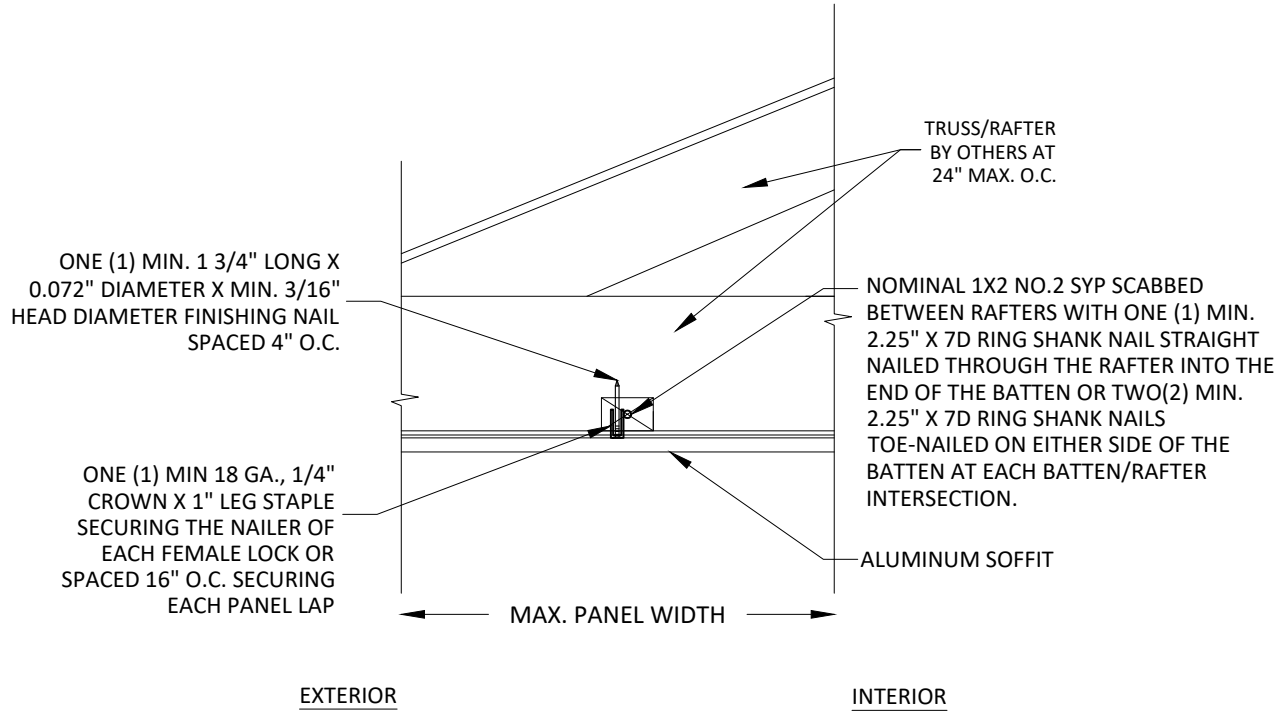
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SCALE: **NTS**

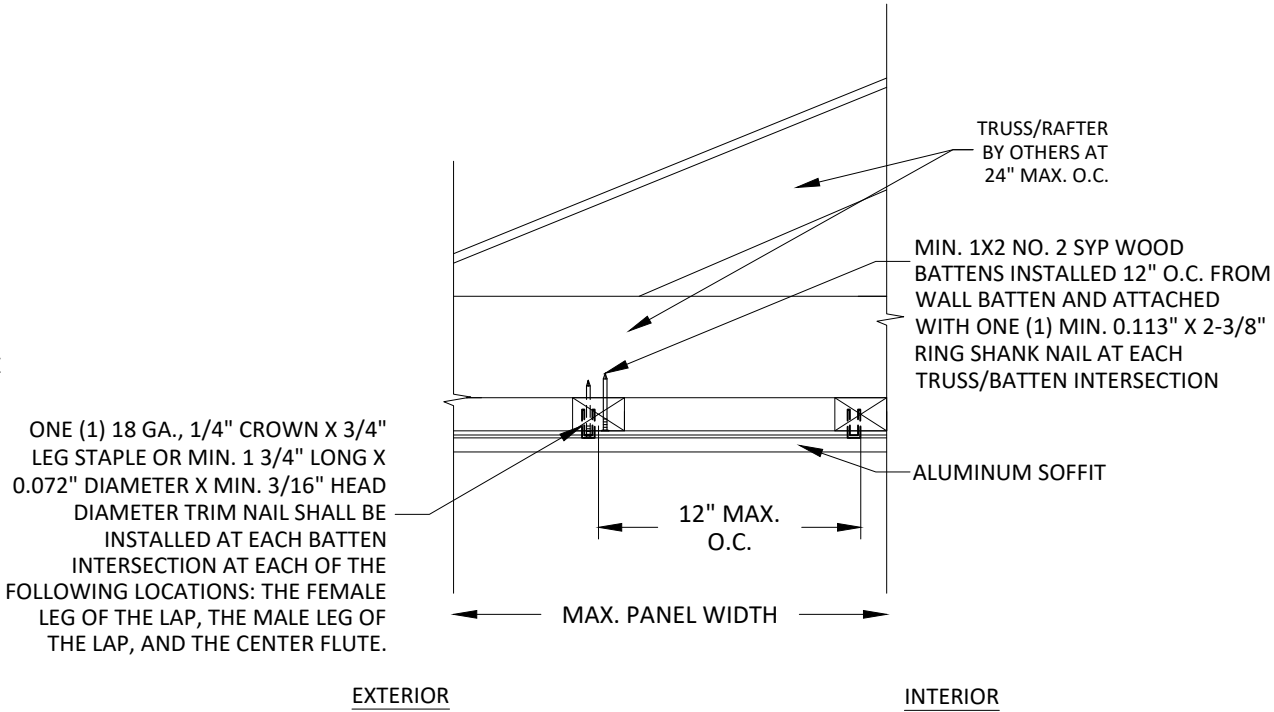
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SHEET: **10** REV. **B**

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A
11 VERTICAL SECTION
CENTER CONNECTION 5



B
11 VERTICAL SECTION
CENTER CONNECTION 6

ANCHORAGE NOTE:
FASTENERS: WHERE APPLICABLE; WHEN WITHIN **300 FT** OF A SALTWATER COASTLINE, ROOF SHEATHING NAILS SHALL BE MIN. 0.113" DIAMETER **STAINLESS STEEL** (MIN. ASTM A240 TP. 304, 316, OR 410)
CONNECTORS/PLATES: (MIN. ASTM A240 TP. 316)

FRAMING NOTE:
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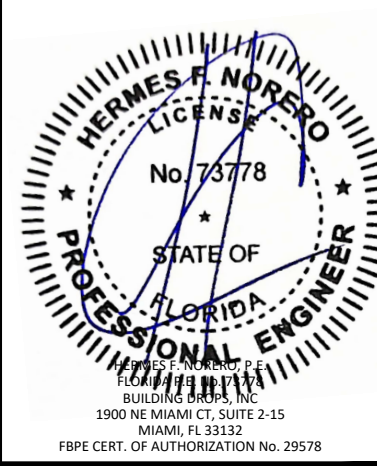
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PH: (813) 249-9742

TITLE:
ALUMINUM SOFFITS
CENTER CONNECTIONS 5-6

PREPARED BY:
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MIAMI, FL 33132
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DWG. BY:
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SCALE: **NTS**

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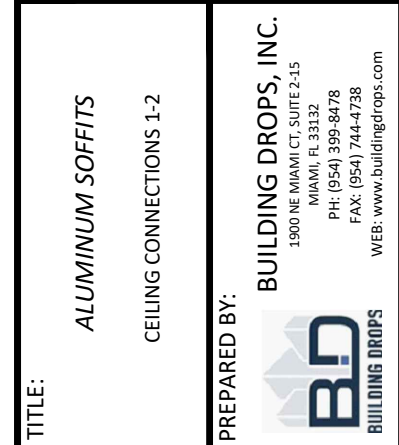
SHEET:
11

REV.
B

OF 12

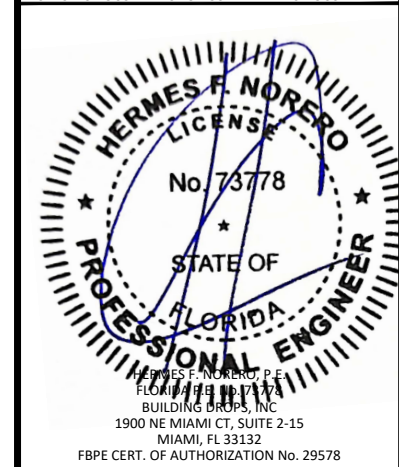


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DWG. BY: DB	CHK. BY: HFN
SCALE: NTS	
DWG. #: ALC002	
SHEET:	REV. B
12	
OF 12	