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MITTEN BUILDING PRODUCTS

VINYL SOFFIT PANELS (NON-HVHZ)

SOFFIT PANELS DESIGN TABLE										
SOFFIT MODEL	PANEL CONFIG.	TYPICAL THICKNESS	PANEL WIDTH	INSTALLATION METHOD		SUPPORT SPACING	FASTENER SPACING	SPAN CONFIG.	DESIGN PRESSURE (PSF)	
				FASTENER TYPE	SUPPORT				POSITIVE	NEGATIVE
D5 SOFFIT	DOUBLE 5"	0.040"	10"	16 GA. 1/2" X 1-1/2" STAPLES	OPEN FRAME	24"	24"	SINGLE	+ 100	- 33
D5 SOFFIT	DOUBLE 5"	0.040"	10"		OPEN FRAME	12"	24"	DOUBLE	+ 115	- 28.3
D5 SOFFIT	DOUBLE 5"	0.040"	10"	RING SHANK ROOFING NAIL, 1/8" SHANK, 3/8" HEAD, 1-1/2" LONG, W/ 5/8" WASHER	OPEN FRAME	12"	12"	DOUBLE	+ 100	- 68.3
T4 SOFFIT	TRIPLE 4"	0.045"	12"		OPEN FRAME	12"	12"	DOUBLE	+ 45	- 45
T4 SOFFIT	TRIPLE 4"	0.045"	12"	RING SHANK ROOFING NAIL, 1/8" SHANK, 3/8" HEAD, 1-1/2" LONG	OPEN FRAME	12"	24"	DOUBLE	+ 115	- 21.6
T4 SOFFIT	TRIPLE 4"	0.045"	12"		OPEN FRAME	16"	16"	TRIPLE	+ 24.3	- 24.3
T4 SOFFIT	TRIPLE 4"	0.045"	12"		OVER SHEATHING	16"	16"	TRIPLE	+ 67	- 67

DESIGN TABLE NOTES:

1. ALLOWABLE PRESSURES BASED ON CALCULATIONS IN ACCORDANCE WITH CHAPTER 16 OF THE FBC.
2. SAFETY FACTOR = 1.5.
3. PRESSURE EQUALIZATION FACTOR WAS NOT USED IN THE DETERMINATION OF THE DESIGN PRESSURES FOR OPEN FRAMING INSTALLATION.
4. PRESSURE EQUALIZATION FACTOR OF 0.36 WAS USED IN THE DETERMINATION OF THE DESIGN PRESSURES FOR INSTALLATION OVER SHEATHING.

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **EXCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM D3679-17
 - ASTM E330-14(21)
2. 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.
3. 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. PANEL MATERIAL: VINYL (PVC).
6. INSTALLATION OF SOFFIT ACCESSORIES SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTRUCTIONS.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
2. INSTALLATION FASTENERS SHALL BE 1-1/2" RING SHANK ROOFING NAILS WITH 1/8" DIAMETER SHANK AND 3/8" DIAMETER HEAD, 5/8" DIAMETER WASHER WITH 1/16" THICKNESS, OR 16 GAUGE 1/2" X 1-1/2" STAPLES.
3. INSTALLATION FASTENERS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. FASTENER EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING.
4. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
5. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. INSTALLATION FASTENERS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND FASTENERS SHALL NOTE BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55 (MIXED MAPLE SOUTHERN PINE).

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4	SOFFIT PANEL DETAILS



MITTEN BUILDING PRODUCTS
225 HENRY ST. #5A
BRANTFORD, ON
N3S 7R4, CANADA
PH: (519) 805-4701

TITLE:
VINYL SOFFIT PANELS
(NON-HVHZ)
DESIGN TABLE, GENERAL &
INSTALLATION NOTES

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

REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.06.25 20:14:18 -0400

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1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL13275

DATE:
06.05.2024

DWG. BY:
MS

CHK. BY:
HFN

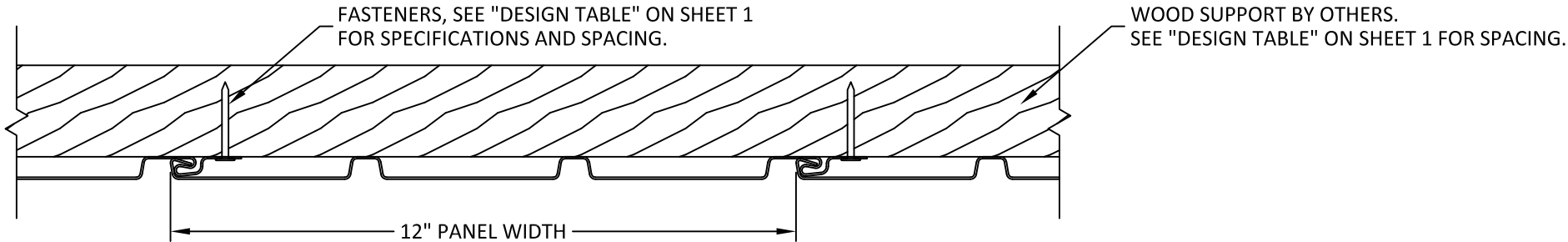
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MBP001

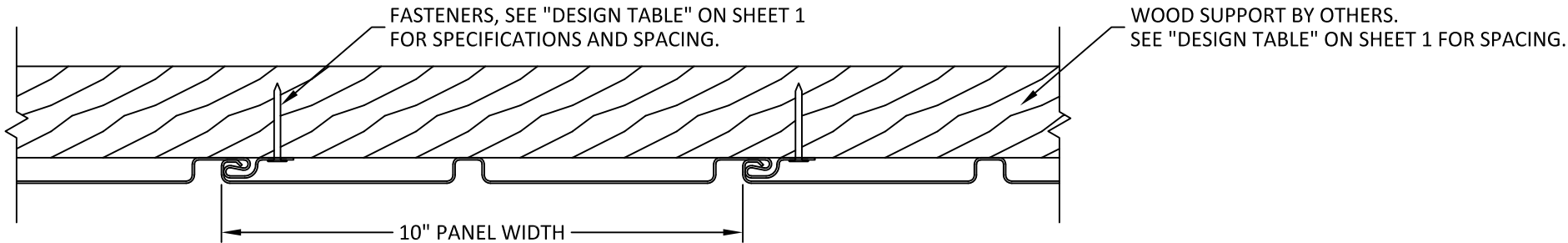
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A
2 **INSTALLATION DETAIL**
TRIPLE 4" SOFFIT



B
2 **INSTALLATION DETAIL**
DOUBLE 5" SOFFIT

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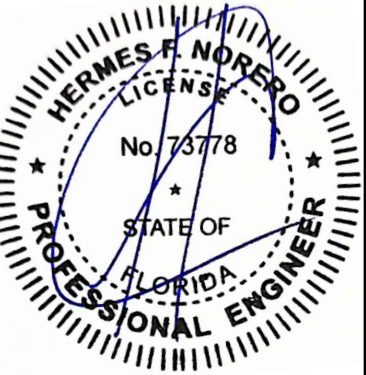
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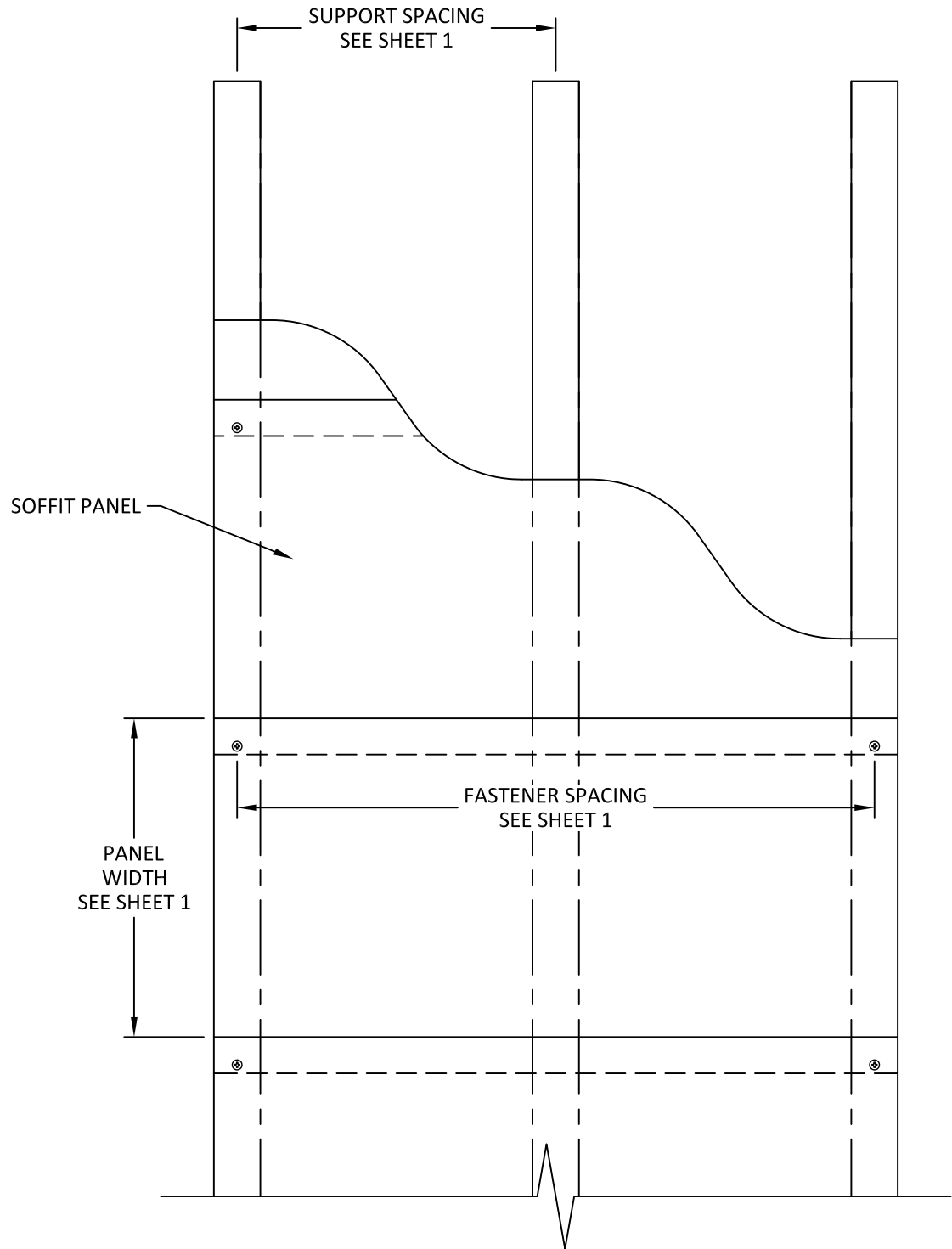
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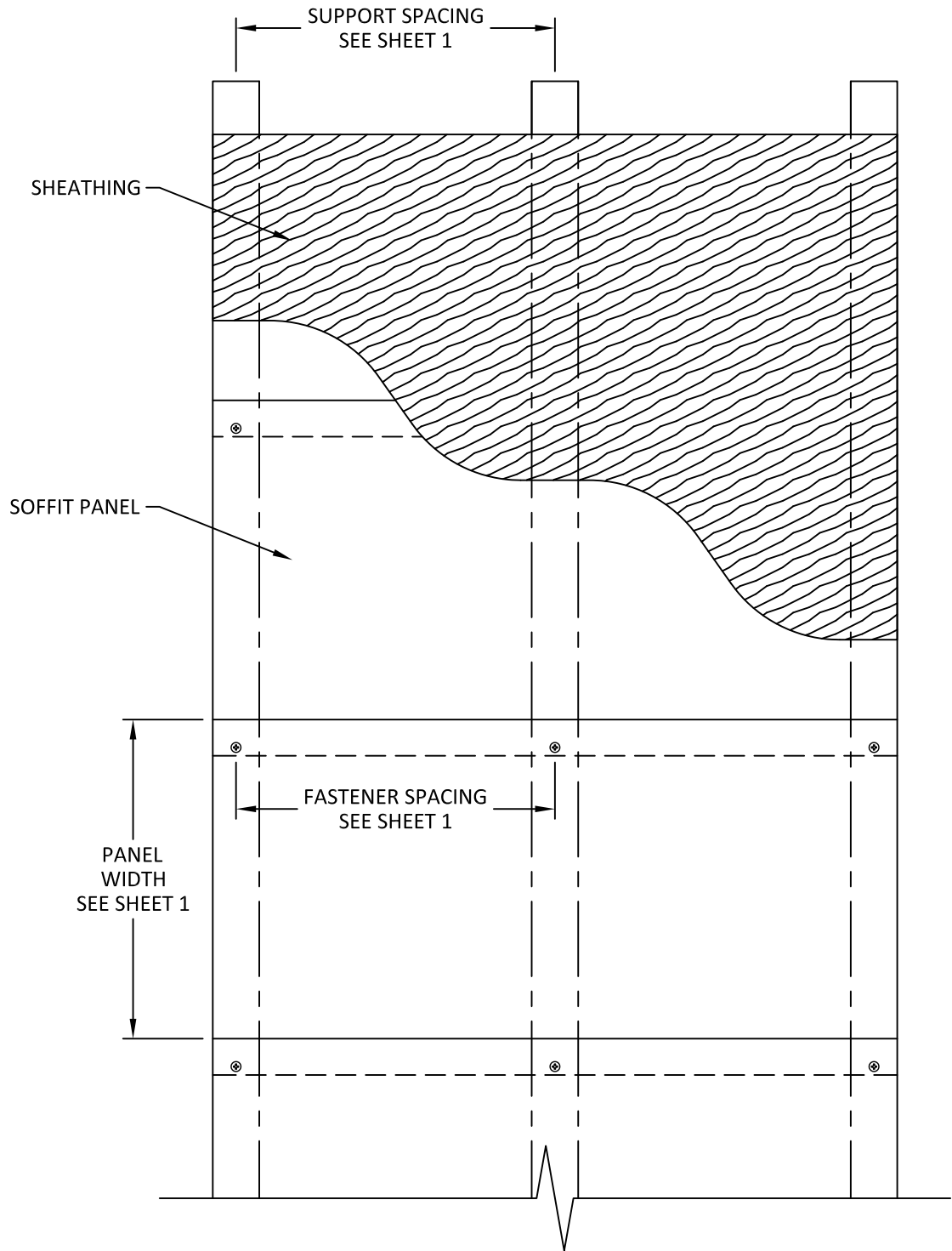
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C
3 INSTALLATION LAYOUT
OPEN FRAME



D
3 INSTALLATION LAYOUT
OVER SHEATHING

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BUILDING PRODUCTS

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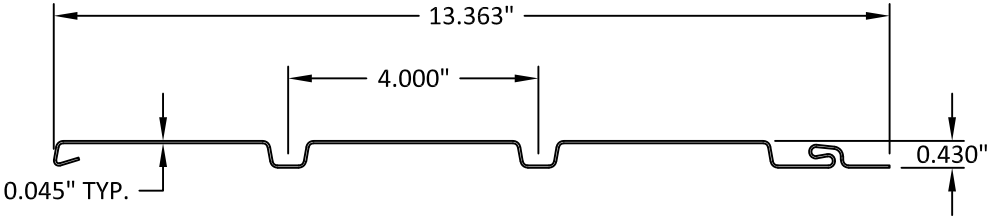


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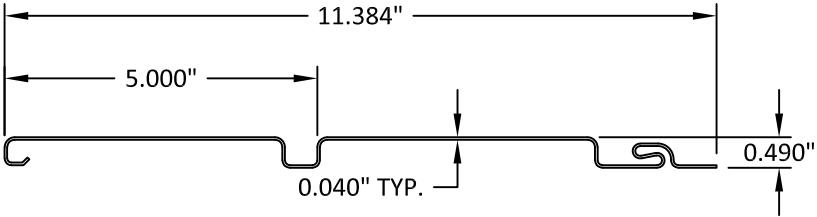
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TRIPLE 4" SOFFIT PANEL



DOUBLE 5" SOFFIT PANEL



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