

c:\users\msun\building_drops, inc\building_drops, inc\building_products\fbp-24-0924 - fbc submittal - vinyl siding panels\mitten building products\fbp-24-0924 - fbc submittal - vinyl siding panels\dwgs\mbp002.dwg 6/25/2024 3:44 PM

MITTEN BUILDING PRODUCTS

VINYL SIDING PANELS (NON-HVHZ)

SIDING PANELS DESIGN TABLE									
SIDING MODEL			TYPICAL THICKNESS	PANEL WIDTH	SUPPORT	SUPPORT SPACING	FASTENER SPACING	DESIGN PRESSURE (PSF)	
								POSITIVE	NEGATIVE
OREGON PRIDE	DOUBLE 4"	HORIZONTAL	0.040"	8"	OPEN FRAME	16"	16"	+ 31.4	- 31.4
	DOUBLE 4"	HORIZONTAL	0.040"	8"	OVER SHEATHING	16"	16"	+ 68.1	- 68.1
	DOUBLE 4"	DUTCHLAP	0.040"	8"	OPEN FRAME	16"	16"	+ 31.4	- 31.4
	DOUBLE 4"	DUTCHLAP	0.040"	8"	OVER SHEATHING	16"	16"	+ 58.4	- 58.4
	DOUBLE 4.5"	DUTCHLAP	0.040"	9"	OVER SHEATHING	16"	16"	+ 53.3	- 53.3
	DOUBLE 4.5"	DUTCHLAP	0.040"	9"	OPEN FRAME	16"	16"	+ 31.4	- 31.4
	DOUBLE 4.5"	DUTCHLAP	0.040"	9"	OVER SHEATHING	16"	8"	+ 145	- 145
	DOUBLE 5"	VERTICAL	0.040"	10"	OVER SHEATHING	16"	12"	+ 87.3	- 87.3
SENTRY	DOUBLE 5"	VERTICAL	0.040"	10"	OVER SHEATHING	16"	8"	+ 89.4	- 89.4
	DOUBLE 4"	HORIZONTAL	0.044"	8"	OVER SHEATHING	16"	16"	+ 74.5	- 74.5
	DOUBLE 4.5"	DUTCHLAP	0.044"	9"	OVER SHEATHING	16"	16"	+ 74.5	- 74.5
	SINGLE 7"	BOARD & BATTEN	0.045"	7"	OVER SHEATHING	16"	8"	+ 123.5	- 123.5

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.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	DESIGN TABLE AND GENERAL NOTES
2	HORIZONTAL INSTALLATION DETAILS AND INSTALLATION NOTES
3	VERTICAL INSTALLATION DETAILS
4	SIDING PANEL DETAILS

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
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 SIDING ACCESSORIES SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTRUCTIONS.



BUILDING PRODUCTS

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

TITLE:
VINYL SIDING PANELS
(NON-HVHZ)
DESIGN TABLE & GENERAL 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

BUILDING DROPS

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: 2024.06.05 20:12:54 -0400

HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL13992

DATE:
06.05.2024

DWG. BY:
MS

CHK. BY:
HFN

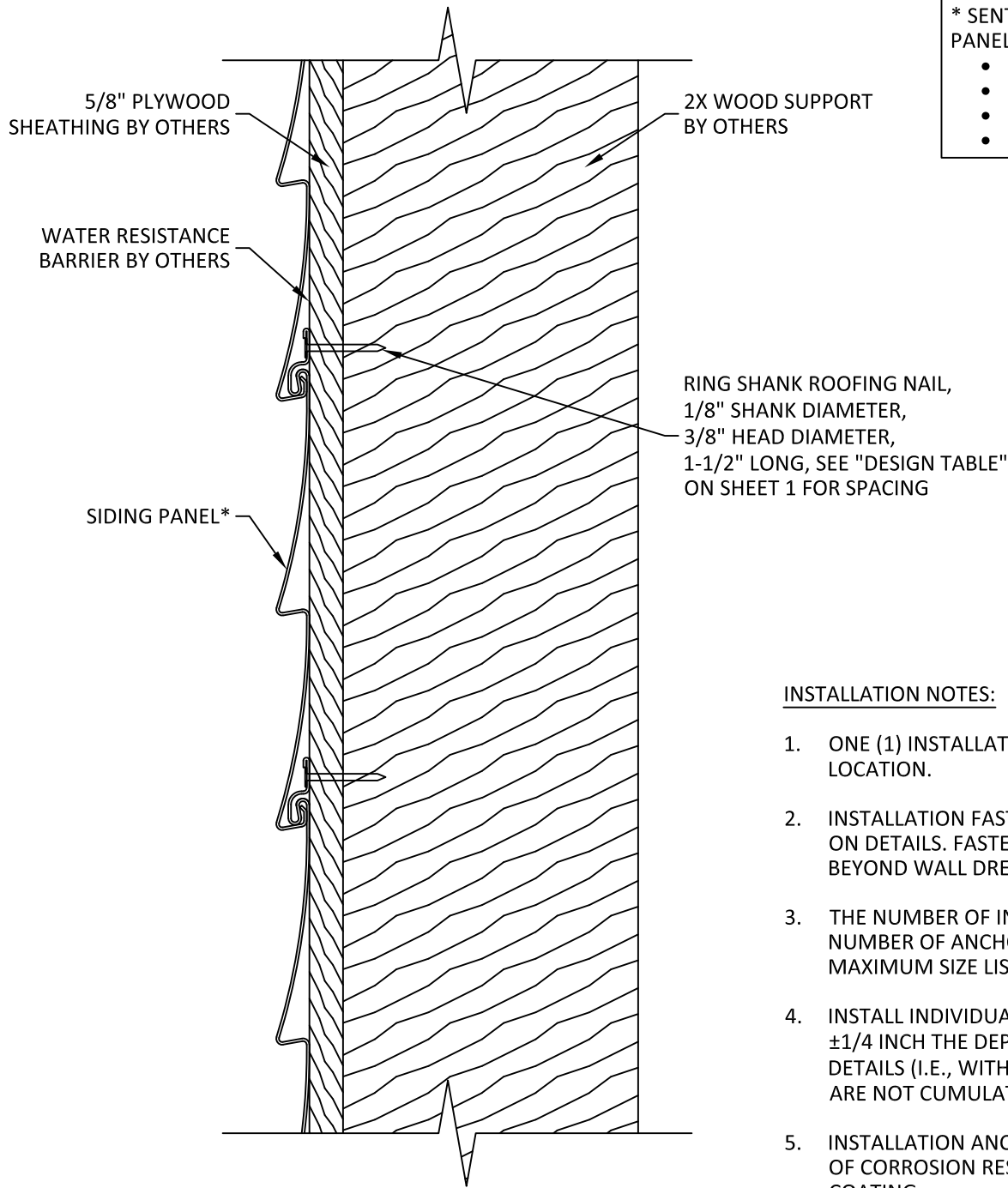
SCALE:
NTS

DWG. #:
MBP002

SHEET:
1

OF 4

c:\users\msun\building drops, inc\building drops landing - common\projects\mitten building products\lbc-24-0524 - fbc submittal - vinyl soffit panels vinyl siding panels\dwgs\mbp002.dwg 6/25/2024 3:45 PM



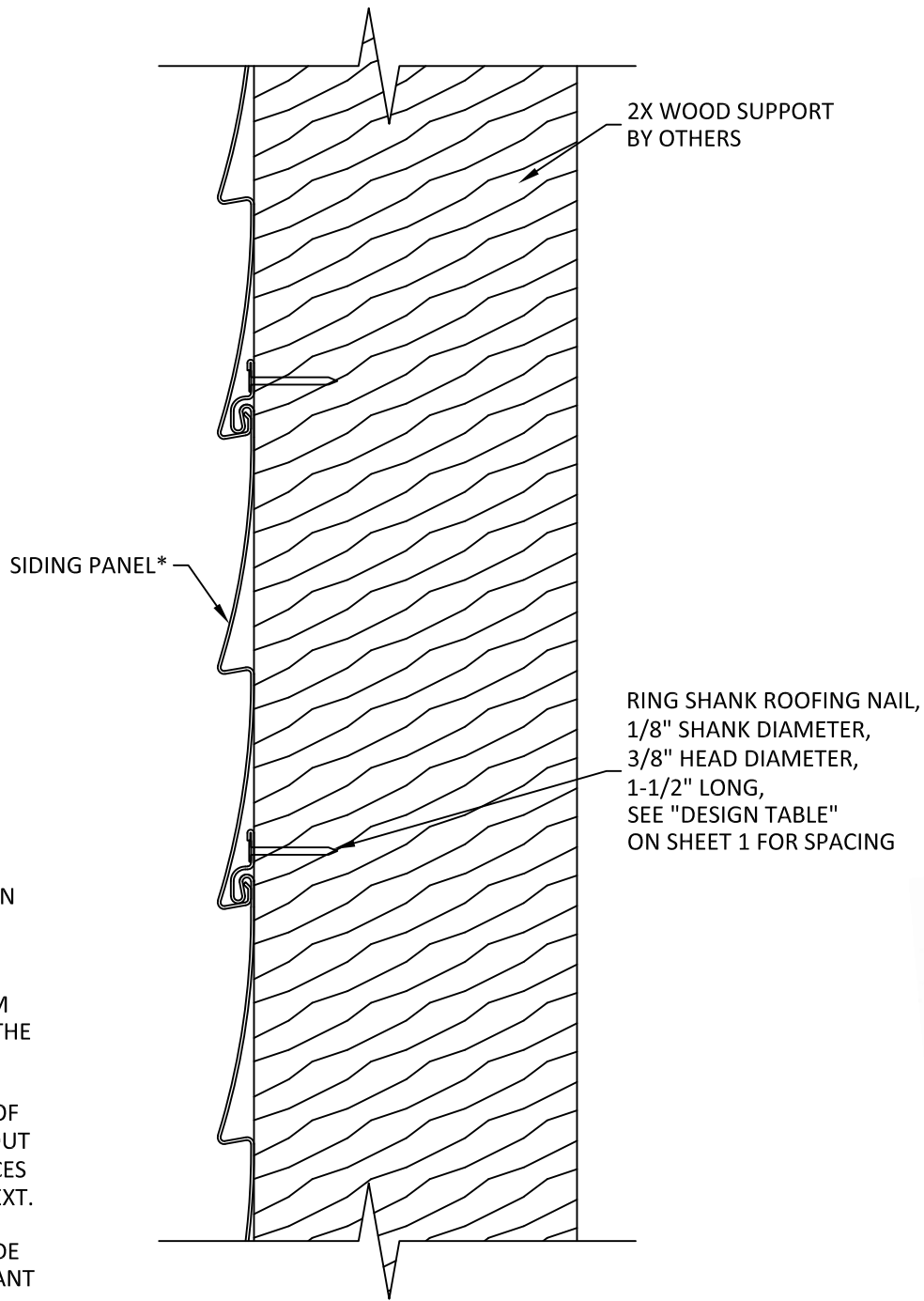
A
2 **INSTALLATION DETAIL**
HORIZONTAL INSTALLATION
OVER SHEATHING

* SENTRY DOUBLE 4" HORIZONTAL PANEL IS SHOWN, PANELS LISTED BELOW ARE SIMILAR:

- OREGON PRIDE DOUBLE 4" HORIZONTAL PANEL
- OREGON PRIDE DOUBLE 4" DUTCHLAP PANEL
- OREGON PRIDE DOUBLE 4.5" DUTCHLAP PANEL
- SENTRY DOUBLE 4.5" DUTCHLAP PANEL

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
2. INSTALLATION FASTENERS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. FASTENER EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING.
3. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. INSTALLATION FASTENERS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND FASTENERS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
7. 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).



B
2 **INSTALLATION DETAIL**
HORIZONTAL INSTALLATION
OPEN FRAME

MITTEN

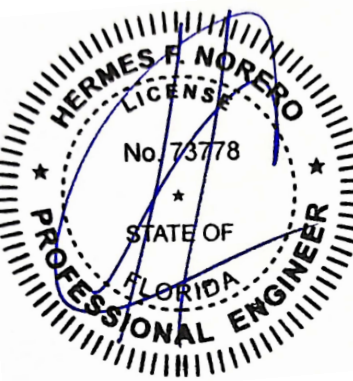
BUILDING PRODUCTS

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

TITLE: VINYL SIDING PANELS (NON-HVHZ) HORIZONTAL INSTALLATION DETAILS & 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.

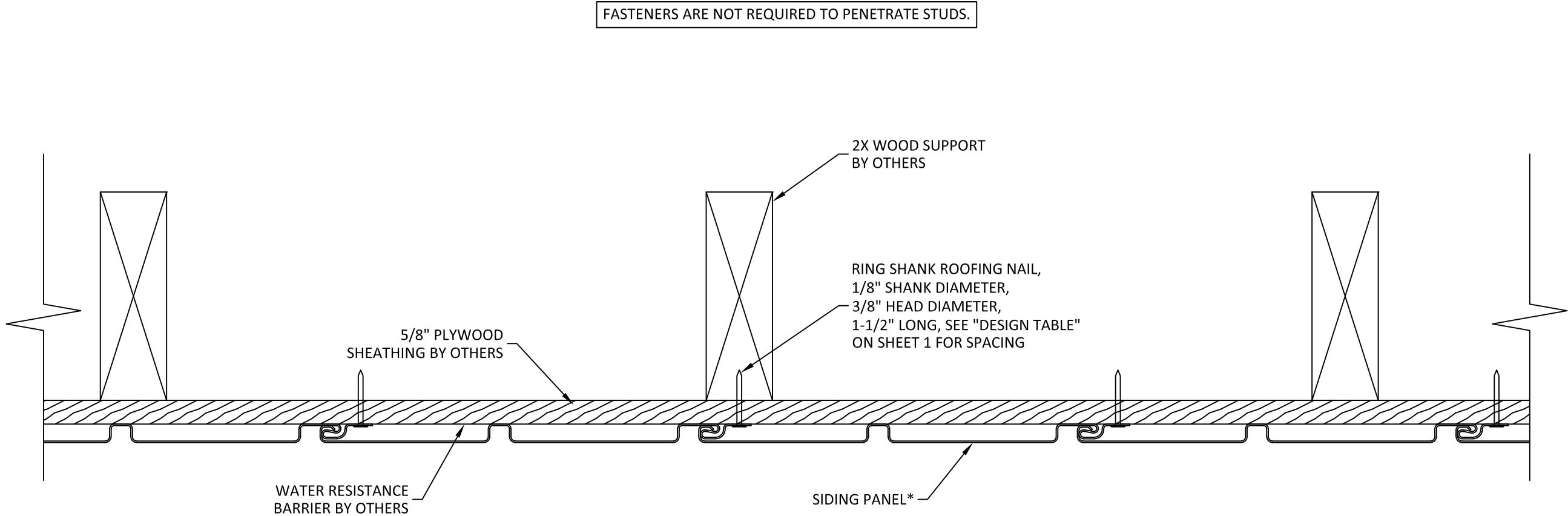


HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL13992
DATE:	06.05.2024
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	MBP002

SHEET:
2
OF 4

c:\users\msun\building drops, inc\building drops landing - common\projects\mitten building products\lbc-24-0524 - lbc submittal - vinyl soffit panels vinyl siding panels.dwg\mbp002.dwg 6/25/2024 3:45 PM



C
3 **INSTALLATION DETAIL**
VERTICAL INSTALLATION
OVER SHEATHING

* OREGON PRIDE DOUBLE 5" VERTICAL PANEL IS SHOWN,
SENTRY SINGLE 7" BOARD & BATTEN PANEL IS SIMILAR

SEE SHEET 2 FOR INSTALLATION NOTES.

MITTEN

BUILDING PRODUCTS

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

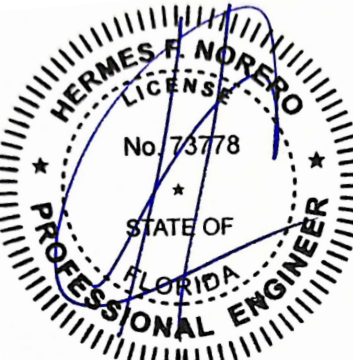
TITLE: VINYL SIDING PANELS
(NON-HVHZ)
VERTICAL INSTALLATION DETAILS

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.



HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL13992**

DATE: **06.05.2024**

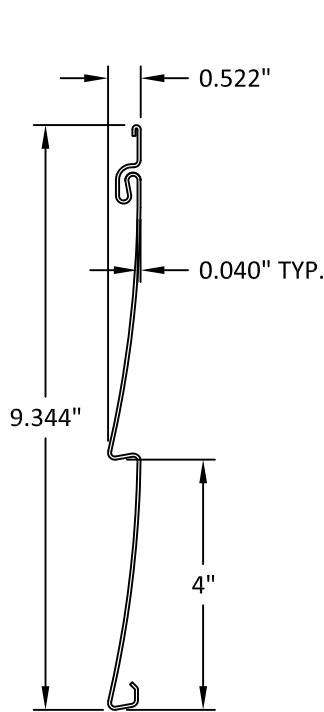
DWG. BY: **MS** CHK. BY: **HFN**

SCALE: **NTS**

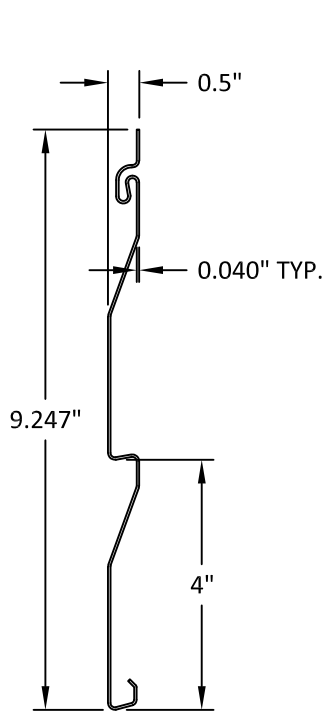
DWG. #: **MBP002**

SHEET:
3
OF 4

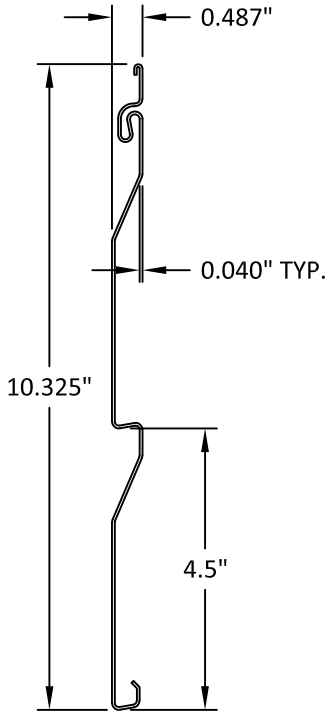
c:\users\msun\building drops, inc\building drops landing - common\projects\mitten building products\bc-24-0524 - fbc submittal - vinyl soffit panels vinyl siding panels dwgs\mbp002.dwg 6/25/2024 3:45 PM



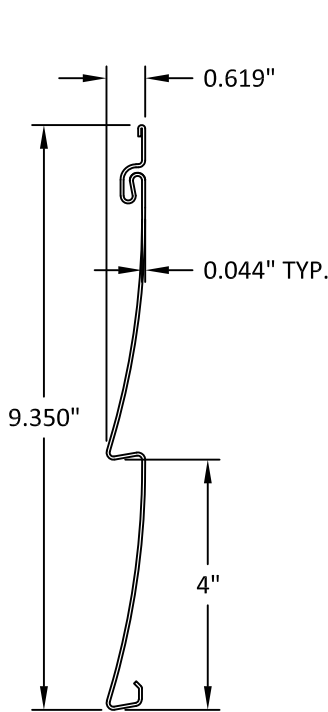
Oregon Pride
Double 4" Horizontal Panel



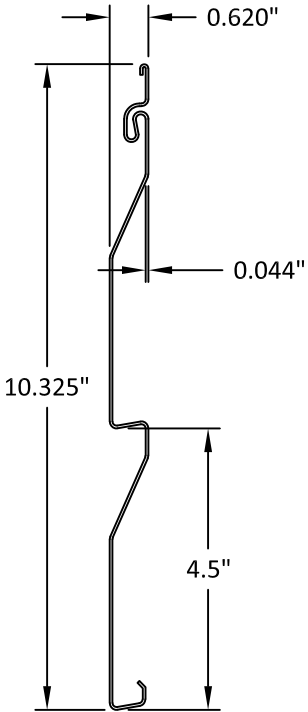
Oregon Pride
Double 4" Dutchlap Panel



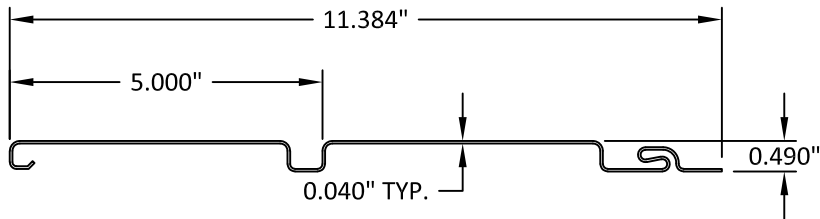
Oregon Pride
Double 4.5" Dutchlap Panel



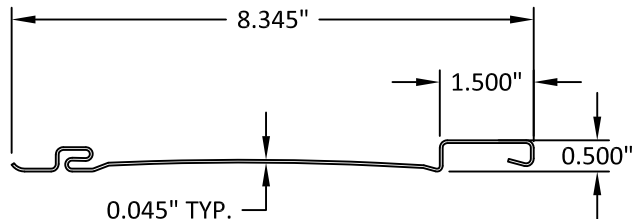
Sentry
Double 4" Horizontal Panel



Sentry
Double 4.5" Dutchlap Panel



Oregon Pride
Double 5" Vertical Panel



Sentry
Single 7" Board & Batten Panel

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

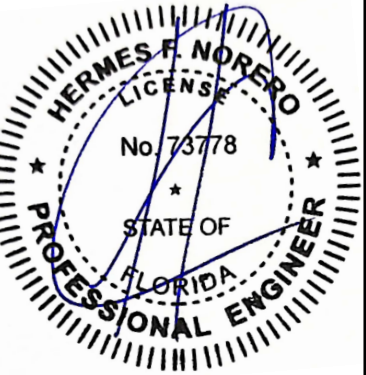
TITLE:
VINYL SIDING PANELS
(NON-HVHZ)
SIDING PANEL DETAILS

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.



HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:		FL13992	
DATE:		06.05.2024	
DWG. BY:		MS	CHK. BY: HFN
SCALE:		NTS	
DWG. #:		MBP002	
SHEET:		4	
		OF 4	