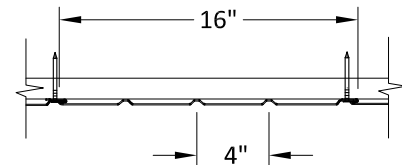
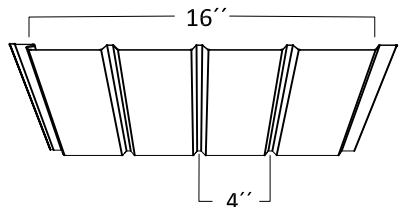


PLY GEM SIDING GROUP

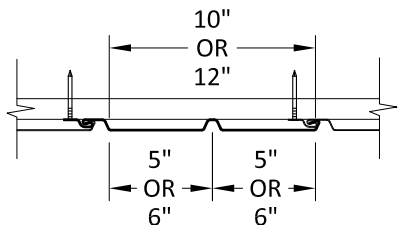
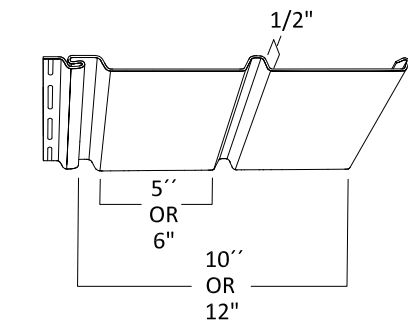
VARIFORM INC. ALUMINUM & VINYL SOFFIT PRODUCTS

LEGEND:

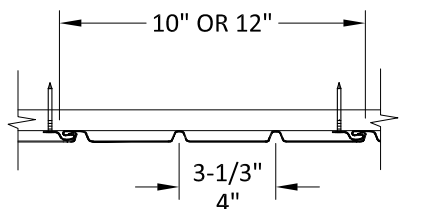
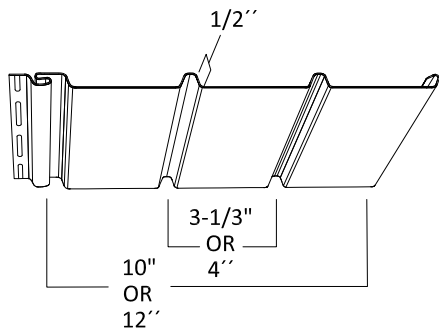
- DOUBLE 6 HAS "V" GROOVES EVERY 6" ACROSS WIDTH, AND EACH PANEL IS 12" WIDE.
- TRIPLE 4 OR T4 HAS "V" GROOVES EVERY 4" ACROSS WIDTH, AND EACH PANEL IS 12" WIDE.
- QUAD 4 HAS "V" GROOVES EVERY 4" ACROSS WIDTH, AND EACH PANEL IS 16" WIDE.
- TRIPLE 2-2/3 HAS "V" GROOVES EVERY 2-2/3" ACROSS WIDTH, AND EACH PANEL IS 8" WIDE.
- DOUBLE 5 HAS "V" GROOVES EVERY 5" ACROSS WIDTH, AND EACH PANEL IS 10" WIDE.
- SINGLE 6 OR S6 HAS "V" GROOVES EVERY 6" ACROSS WIDTH, AND EACH PANEL IS 6" WIDE.
- WRIPLE 3-1/3 HAS "V" GROOVES EVERY 3-1/3" ACROSS WIDTH, AND EACH PANEL IS 10" WIDE.



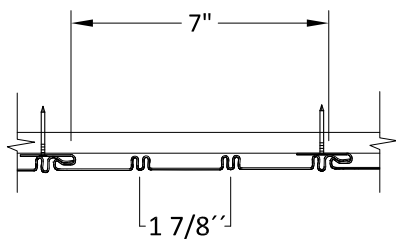
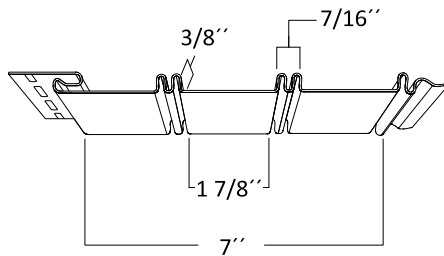
QUAD 4"



DOUBLE 5" & DOUBLE 6"



TRIPLE 4" & TRIPLE 3-1/3"



BEADED 7"

GENERAL NOTES

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM D3679-17
 - ASTM G155-13
 - ASTM D638-03
 - AAMA 1402-09
- 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 AND VINYL SOFFITS MEETS THE REQUIREMENTS OF CHAPTER 14 OF THE FLORIDA BUILDING CODE.
- VINYL SOFFIT SPECIFICATIONS:
 - SIDING MATERIAL: PVC (PER ASTM D 3679)
 - MINIMUM WALL THICKNESS: 0.038"
 - REFER TO DESIGN PRESSURE TABLE, SHEET 2 & 3 FOR ALLOWABLE DESIGN PRESSURES.
- ALUMINUM SOFFIT SPECIFICATIONS:
 - ALUMINUM MATERIAL: 3105 (PER AAMA 1402)
 - MINIMUM WALL THICKNESS: 0.019"
 - REFER TO DESIGN PRESSURE TABLE, SHEET 2 & 3 FOR ALLOWABLE DESIGN PRESSURES.
- VARIFORM, INC. VINYL SOFFIT PRODUCTS ARE MFG. FROM A FORMULATED PVC COMPOUND MEETING OR EXCEEDING THE REQUIREMENTS OF ASTM D 3679 STD. FOR PVC SIDING AND COMPOUNDS.
- WALLS AND FRAMING TO RECEIVE VINYL SOFFIT SHALL BE CHECKED FOR STRUCTURAL ADEQUACY, CRACKS AND DEFECTS THAT SHALL BE ELIMINATED.
- WALLS AND FRAMING WHERE THE SOFFIT ARE TO BE INSTALLED SHALL BE DESIGNED BY A REGISTERED ARCHITECT OR ENGINEER BY A REGISTERED ARCHITECT OR ENGINEER ACCODING TO THE FBC AND THE MINIMUM REQUIREMENTS OF THIS DRAWING.
- INSTALLATION OF THE SOFFIT AND ACCESSORY PRODUCTS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE APPLICABLE SECTIONS OF THE FBC.
- WALLS SHALL BE WATERPROOFED WITH ASPHALT SATURATED FELT OF NOT LESS THAN 15 100 SQ. FT AS DESCRIBED IN SECTION 2121.6.2 OR 1404.2 OF THE FBC.



PLY GEM SIDING GROUP
2405 CAMPBELL ROAD
SIDNEY, OH 45365

TITLE: VARIFORM
ALUMINUM & VINYL SOFFIT

GENERAL NOTES AND SOFFIT DETAILS

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

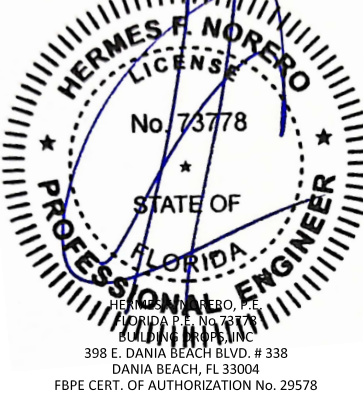
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.21 09:01:54 -07'00'



FL33919

DATE: 06.30.23

DWG. BY: DI

CHK. BY: HFN

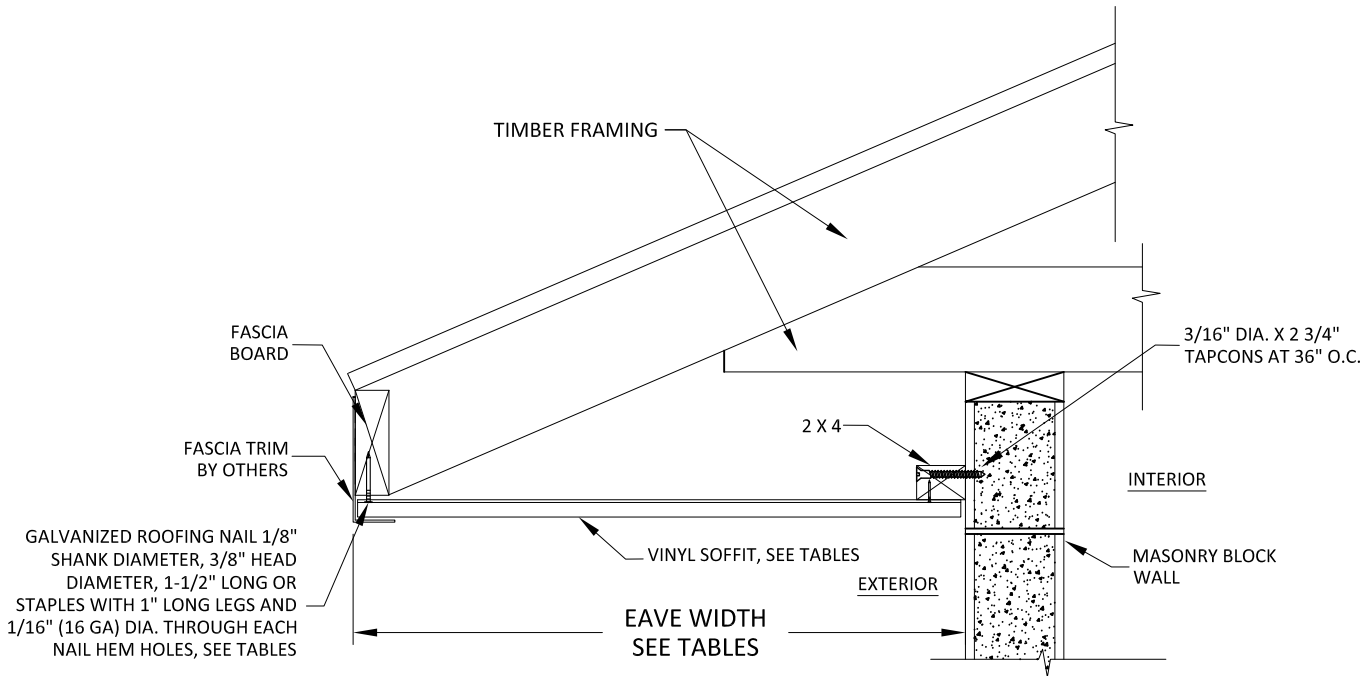
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DWG. #: PGSG002

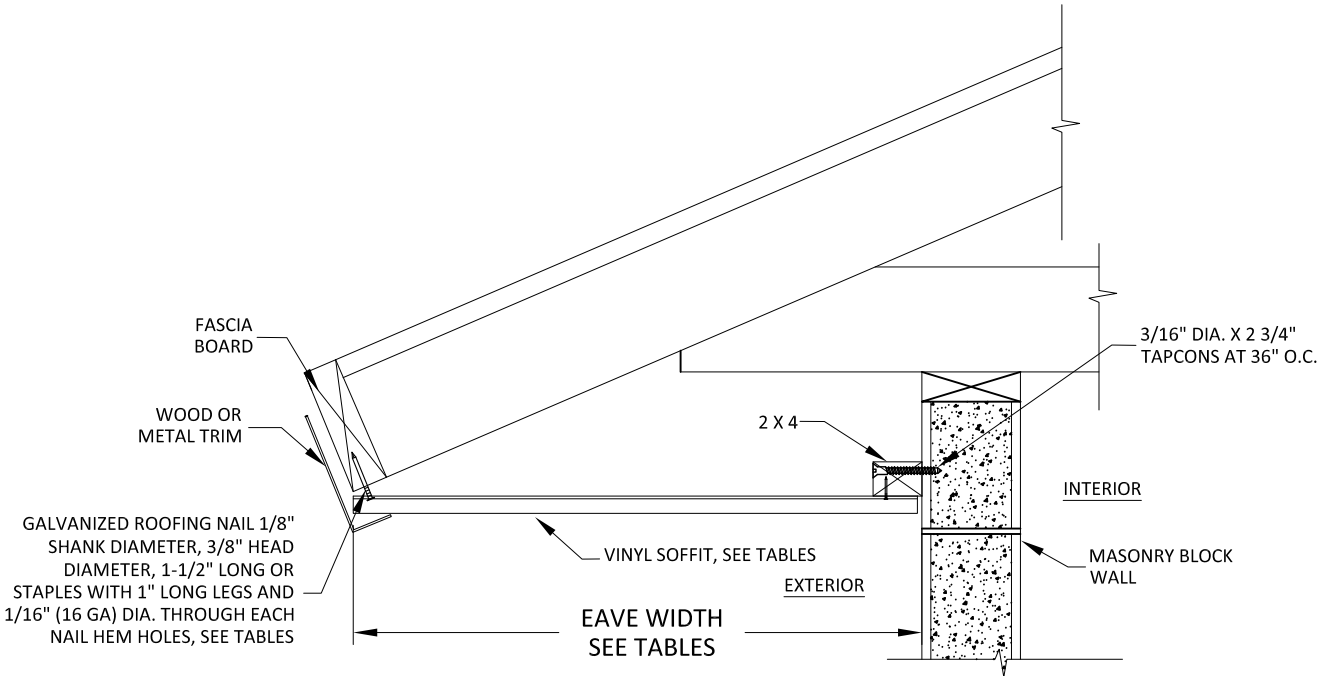
SHEET:

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OF 3



A
2 **VERTICAL SECTION**
SOFFIT INSTALLATION DETAIL
MASONRY BLOCK WALLS

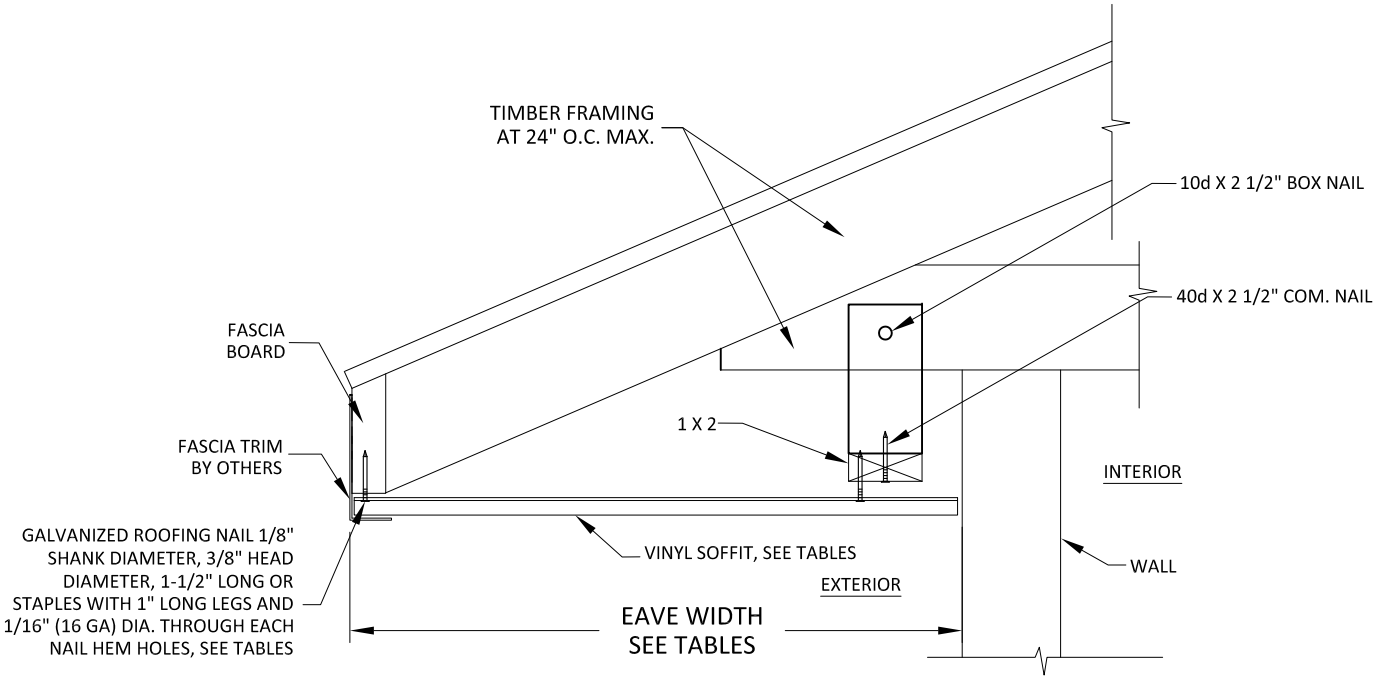


B
2 **VERTICAL SECTION**
SOFFIT INSTALLATION DETAIL
MASONRY BLOCK WALLS

ALLOWABLE DESIGN WIND PRESSURE (PSF)						
LONG SPAN TABLE						
VARIFORM SOFFIT TYPE	EAVE WIDTH IN INCHES					
	12"	15"	18"	21"	24"	
DOUBLE 6 (ALUMINUM) 12", NAILS	+288	+170.4	+112.5	+79.8	+59.5	
SOLID - 36780 VENTED - 36781	-275.3	-162.9	-107.6	-76.3	-56.9	
DOUBLE 6 (ALUMINUM) 12", STAPLES	+288	+170.4	+112.5	+79.8	+59.5	
SOLID - 36780 VENTED - 36781	-275.3	-162.9	-107.6	-76.3	-56.9	
TRIPLE 4 (ALUMINUM) 12", NAILS SOLID - 36694	+288	+170.4	+112.5	+79.8	+59.5	
CENTER VENT - 36695 FULL VENT - 36696	-275.3	-162.9	-107.6	-76.3	-56.9	
TRIPLE 4 (ALUMINUM) 12", STAPLES SOLID - 366974	+288	+170.4	+112.5	+79.8	+59.5	
CENTER VENT - 36695 FULL VENT - 36696	-275.3	-162.9	-107.6	-76.3	-56.9	
QUAD 4 (ALUMINUM) 16", NAILS	+216.0	+127.8	+84.4	+59.8	+44.6	
SOLID - 36797 VENTED - 36798	-206.5	-122.2	-80.7	-57.2	-42.7	
QUAD 4 (ALUMINUM) 16", STAPLES	+216.0	+127.8	+84.4	+59.8	+44.6	
SOLID - 36797 VENTED - 36798	-206.5	-122.2	-80.7	-57.2	-42.7	
DURABUILT DOUBLE 6 (ALUMINUM) 12", NAILS	+227.3	+134.5	+88.8	+63.0	+47.0	
SOLID - 36782 VENTED - 36783	-217.4	-128.6	-84.9	-60.2	-44.9	
DURABUILT DOUBLE 6 (ALUMINUM) 12", STAPLES	+227.3	+134.5	+88.8	+63.0	+47.0	
SOLID - 36782 VENTED - 36783	-217.4	-128.6	-84.9	-60.2	-44.9	
DURABUILT TRIPLE 4 (ALUMINUM) 12", NAILS	+227.3	+134.5	+88.8	+63.0	+47.0	
SOLID - 36687 CENTER VENT - 36688	-217.4	-128.6	-84.9	-60.2	-44.9	
FULL VENT - 36689						
DURABUILT TRIPLE 4 (ALUMINUM) 12", STAPLES	+227.3	+134.5	+88.8	+63.0	+47.0	
SOLID - 36687 CENTER VENT - 36688	-217.4	-128.6	-84.9	-60.2	-44.9	
FULL VENT - 36689						
0.13 T4 (ALUMINUM) 12", NAILS SOLID-36768	+197.1	+116.6	+77.0	+54.6	+40.7	
CENTER VENT - 36769 FULL VENT - 36770	-188.4	-111.5	-73.6	-52.2	-38.2	
0.13 T4 (ALUMINUM) 12", STAPLES SOLID-36768	+197.1	+116.6	+77.0	+54.6	+40.7	
CENTER VENT - 36769 FULL VENT - 36770	-188.4	-111.5	-73.6	-52.2	-38.2	
BEADED (VINYL) 7", NAILS	+427.6	+253.0	+167.0	+118.4	+88.3	
SOLID - 157 VENTED - 158	-95.9	-73.7	-59.9	-50.5	-43.6	
BEADED (VINYL) 7", STAPLES	+427.6	+253.0	+167.0	+118.4	+88.3	
SOLID - 157 VENTED - 158	-99.2	-76.3	-62.0	-52.2	-45.1	
DOUBLE 5 STANDARD (VINYL) 10", NAILS	+299.3	+177.1	+116.9	+82.9	+61.8	
SOLID - 144 VENTED - 145	-67.1	-51.6	-41.9	-35.3	-30.5	
DOUBLE 5 STANDARD (VINYL) 10", STAPLES	+299.3	+177.1	+116.9	+82.9	+61.8	
SOLID - 144 VENTED - 145	-69.4	-53.4	-43.4	-36.5	-31.5	
DOUBLE 5 PREMIUM (VINYL) 10", NAILS	+329.2	+194.8	+128.6	+91.2	+68.0	
SOLID - 140 VENTED - 140	-73.8	-56.8	-46.1	-38.8	-33.6	
DOUBLE 5 PREMIUM (VINYL) 10", STAPLES	+329.2	+194.8	+128.6	+91.2	+68.0	
SOLID - 140 VENTED - 140	-76.3	-58.7	-47.7	-40.2	-34.7	
TRIPLE 4 (VINYL) 12", NAILS SOLID - 230	+236.9	+140.2	+92.6	+65.6	+49.0	
CENTER VENT - 231 FULL VENT - 232	-53.1	-40.9	-33.2	-28.0	-24.1	
TRIPLE 4 (VINYL) 12", STAPLES SOLID - 230	+236.9	+140.2	+92.6	+65.6	+49.0	
CENTER VENT - 231 FULL VENT - 232	-54.9	-42.3	-34.3	-28.9	-25.0	
TRIVENT TRIPLE 3 1/3 (VINYL) 10", NAILS	+329.2	+194.8	+128.6	+91.2	+68.0	
SOLID - 133 HIDDEN VENT - 134	-73.8	-56.8	-46.1	-38.8	-33.6	
TRIVENT TRIPLE 3 1/3 (VINYL) 10", STAPLES	+329.2	+194.8	+128.6	+91.2	+68.0	
SOLID - 133 HIDDEN VENT - 134	-76.3	-58.7	-47.7	-40.2	-34.7	

SEE DETAILS A2, B2 & C2

NOTE:
1) A FACTOR OF SAFETY OF 1.5 HAS BEEN UTILIZED IN DETERMINING ALLOWABLE DESIGN PRESSURE.



C
2 **VERTICAL SECTION**
SOFFIT INSTALLATION DETAIL
INTO ROOF FRAMING



PLY GEM SIDING GROUP
2405 CAMPBELL ROAD
SIDNEY, OH 45365

TITLE: **VARIFORM**
ALUMINUM & VINYL SOFFIT

SHORT SPAN INSTALLATION DETAILS
AND DESIGN PRESSURE TABLES

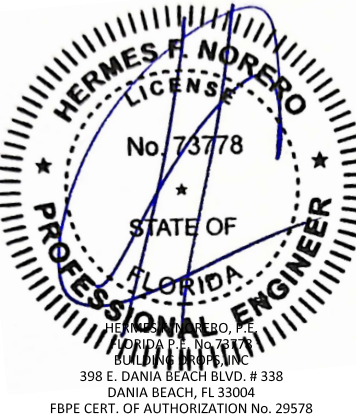
PREPARED BY: **BUILDING DROPS, INC.**

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE

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DOCUMENTS FOR USE WITH THIS DOCUMENT.



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DATE: **06.30.23**

DWG. BY:
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CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **PGSG002**

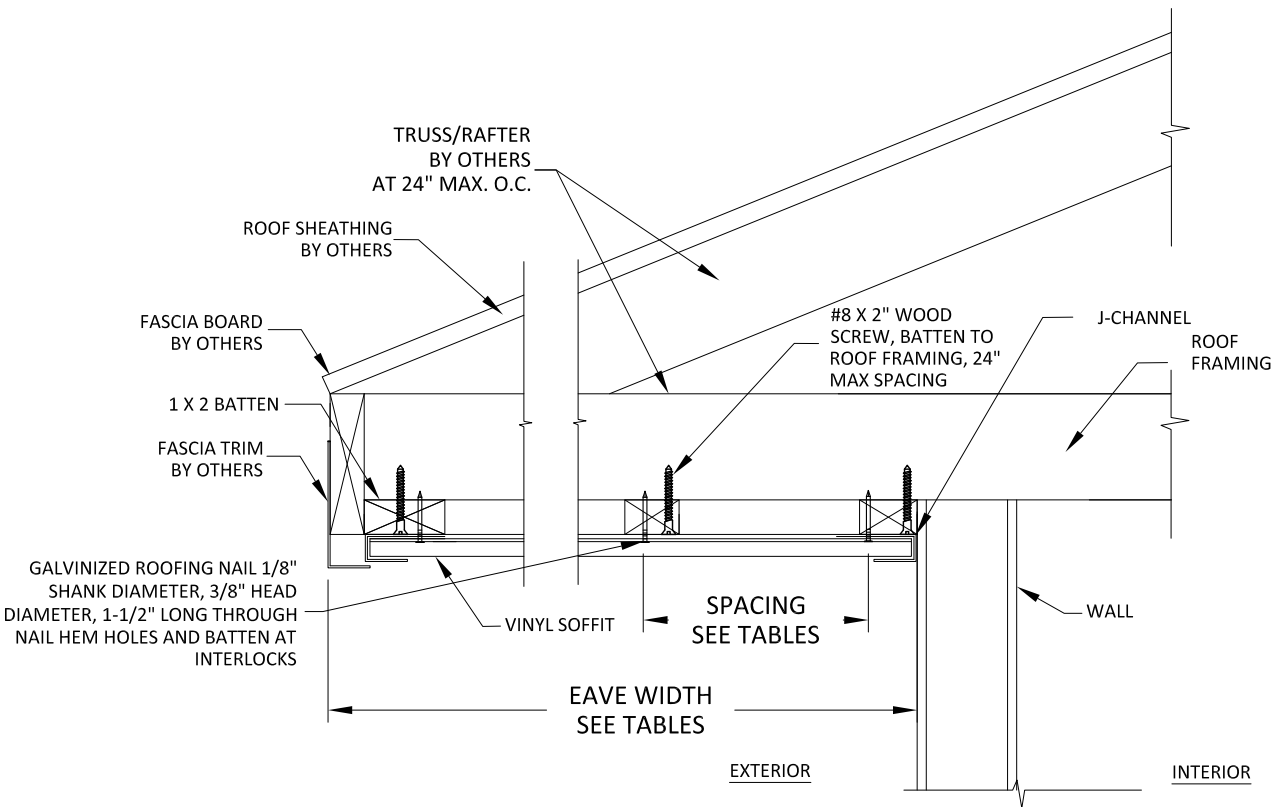
SHEET:

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OF 3

ALLOWABLE DESIGN WIND PRESSURE (PSF)				
SHORT SPAN TABLE				
VARIFORM SOFFIT TYPE	EAVE WIDTH IN INCHES			
	10"	12"	16"	
DOUBLE 6 (ALUMINUM) 12", NAILS	+169.1	+135.3	+96.6	
SOLID - 36780 VENTED - 36781	-169.1	-135.3	-96.6	
DOUBLE 6 (ALUMINUM) 12", STAPLES	+169.1	+135.3	+96.6	
SOLID - 36780 VENTED - 36781	-177.0	-141.6	-101.1	
TRIPLE 4 (ALUMINUM) 12", NAILS	+169.1	+135.3	+96.6	
CENTER VENT -36695 FULL VENT - 36696	-169.1	-135.3	-96.6	
TRIPLE 4 (ALUMINUM) 12", STAPLES	+169.1	+135.3	+96.6	
CENTER VENT -36695 FULL VENT - 36696	-177.0	-141.6	-101.1	
QUAD 4 (ALUMINUM) 16", NAILS	+126.8	+101.5	+72.5	
SOLID - 36797 VENTED - 36798	-126.8	-101.5	-72.5	
QUAD 4 (ALUMINUM) 16", STAPLES	+126.8	+101.5	+72.5	
SOLID - 36797 VENTED - 36798	-132.8	-106.2	-76.3	
DURABUILT DOUBLE 6 (ALUMINUM) 12", NAILS	+133.5	+106.8	+76.3	
SOLID - 36782 VENTED - 36783	-133.5	-106.8	-76.3	
DURABUILT DOUBLE 6 (ALUMINUM) 12", STAPLES	+133.5	+106.8	+76.3	
SOLID - 36782 VENTED - 36783	-177.0	-141.6	-101.1	
DURABUILT TRIPLE 4 (ALUMINUM) 12", NAILS	+133.5	+106.8	+76.3	
SOLID - 36687 CENTER VENT - 36688	-133.5	-106.8	-76.3	
FULL VENT - 36689				
DURABUILT TRIPLE 4 (ALUMINUM) 12", STAPLES	+133.5	+106.8	+76.3	
SOLID - 36687 CENTER VENT - 36688	-177.0	-141.6	-101.1	
FULL VENT - 36689				
0.13 T4 (ALUMINUM) 12", NAILS	+115.7	+92.6	+66.1	
SOLID-36768				
CENTER VENT - 36769 FULL VENT - 36770	-115.7	-92.6	-66.1	
0.13 T4 (ALUMINUM) 12", STAPLES	+115.7	+92.6	+66.1	
SOLID-36768				
CENTER VENT - 36769 FULL VENT - 36770	-177.0	-141.6	-101.1	
BEADED (VINYL) 7", NAILS	+206.6	+165.3	+118.1	
SOLID - 157 VENTED - 158	-104.0	-83.2	-59.4	
BEADED (VINYL) 7", STAPLES	+206.6	+165.3	+118.1	
SOLID - 157 VENTED - 158	-123.9	-99.2	-70.8	
DOUBLE 5 STANDARD (VINYL) 10", NAILS	+206.6	+165.3	+118.1	
SOLID - 144 VENTED - 145	-72.8	-58.3	-41.6	
DOUBLE 5 STANDARD (VINYL) 10", STAPLES	+206.6	+165.3	+118.1	
SOLID - 144 VENTED - 145	-86.8	-69.4	-49.6	
DOUBLE 5 PREMIUM (VINYL) 10", NAILS	+227.3	+181.8	+129.9	
SOLID - 140 VENTED - 140	-80.1	-64.1	-45.8	
DOUBLE 5 PREMIUM (VINYL) 10", STAPLES	+227.3	+181.8	+129.9	
SOLID - 140 VENTED - 140	-95.4	-76.3	-54.5	
TRIPLE 4 (VINYL) 12", NAILS	+196.3	+157.0	+112.2	
SOLID - 230				
CENTER VENT - 231 FULL VENT - 232	-57.7	-46.1	-32.9	
TRIPLE 4 (VINYL) 12", STAPLES	+196.3	+157.0	+112.2	
SOLID - 230				
CENTER VENT - 231 FULL VENT - 232	-68.7	-54.9	-39.2	
TRIVENT TRIPLE 3 1/3 (VINYL) 10", NAILS	+227.3	+181.8	+129.9	
SOLID - 133 HIDDEN VENT - 134	-80.1	-64.1	-45.8	
TRIVENT TRIPLE 3 1/3 (VINYL) 10", STAPLES	+227.3	+181.8	+129.9	
SOLID - 133 HIDDEN VENT - 134	-95.4	-76.3	-54.5	
SEE DETAILS A2, B2 & C2				

NOTE:
1) A FACTOR OF SAFETY OF 1.5 HAS BEEN UTILIZED IN DETERMINING ALLOWABLE DESIGN PRESSURE.



D3
VERTICAL SECTION
SOFFIT INSTALLATION DETAIL
WIDE EAVES AND EXTERIOR CEILINGS

ALLOWABLE DESIGN WIND PRESSUES IN PSF	
MULTI SPAN TABLE (EXTERIOR CEILINGS)	
VARIFORM SOFFIT TYPE	
BEADED (VINYL) 7", NAILS	
SOLID - 157 VENTED - 158	+/- 62.9
BEADED (VINYL) 7", STAPLES	
SOLID - 157 VENTED - 158	+/- 62.9
DOUBLE 5 STANDARD (VINYL) 10", NAILS	
SOLID - 144 VENTED - 145	+/- 44.0
DOUBLE 5 STANDARD (VINYL) 10", STAPLES	
SOLID - 144 VENTED - 145	+/- 44.0
DOUBLE 5 PREMIUM (VINYL) 10", NAILS	
SOLID - 140 VENTED - 140	+/- 48.4
DOUBLE 5 PREMIUM (VINYL) 10", STAPLES	
SOLID - 140 VENTED - 140	+/- 48.4
TRIVENT TRIPLE 3 1/3 (VINYL) 10", NAILS	
SOLID - 133 HIDDEN VENT - 134	+/- 48.4
TRIVENT TRIPLE 3 1/3 (VINYL) 10", STAPLES	
SOLID - 133 HIDDEN VENT - 134	+/- 48.4
TRIPLE 4 (VINYL) 12", NAILS	
SOLID - 230	+/- 34.9
CENTER VENT - 231 FULL VENT - 232	
TRIPLE 4 (VINYL) 12", STAPLES	
SOLID - 230	+/- 34.9
CENTER VENT - 231 FULL VENT - 232	
SEE DETAIL D3	

NOTE:
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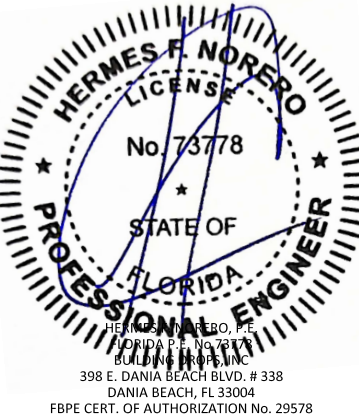
PLY GEM SIDING GROUP
2405 CAMPBELL ROAD
SIDNEY, OH 45365

TITLE:
VARIFORM
ALUMINUM & VINYL SOFFIT
SHORT SPAN DESIGN PRESSURE TABLES,
MULTI SPAN INSTALLATION DETAILS, AND
MULTI SPAN DESIGN PRESSURE TABLES

PREPARED BY:
BUILDING DROPS, INC.
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