

WINTECH - WINDOW TECHNOLOGY, INC.

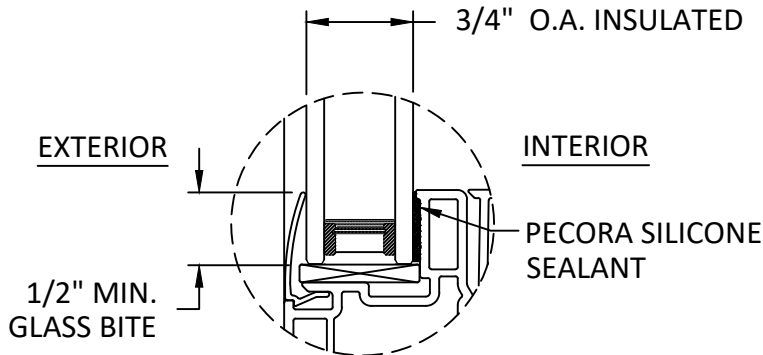
RIDGEVIEW FIXED VINYL WINDOW (NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD 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.
- 1X AND 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: uPVC.
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
- DESIGNATION "O" STANDS FOR THE FOLLOWING:
O: FIXED LITE
- CUSTOM SIZES AVAILABLE UPON REQUEST.

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6	ANCHOR DETAILS & INSTALLATION NOTES
7	COMPONENTS

DESIGN PRESSURE TABLE			
SERIES	SIZE	CONFIGURATION	DESIGN PRESSURE
RIDGEVIEW	SEE SHEET 2	O	SEE SHEET 2



GLAZING DETAIL 1

- GLAZING NOTES:
- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.

WINTECH

WINDOW TECHNOLOGY, INC.

201 INDUSTRIAL DRIVE
MONETT, MO 65708 WWW.WINTECHINC.COM

PH: (417) 235-7821 FX: (417) 737-7140

TITLE: RIDGEVIEW FIXED
VINYL WINDOW
(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES &
GLAZING DETAIL

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132

PH: (954)399-8478

FAX: (954)744-4738

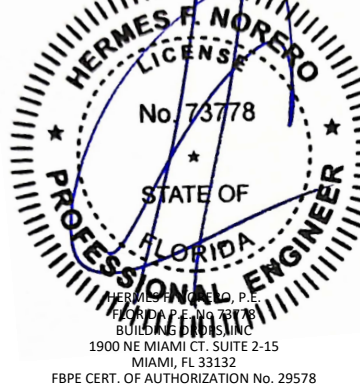
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.06.26 12:11:34 -0400



FL #:

FL46857

DATE: **05.14.2024**

DWG. BY: **FB** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **WNT014**

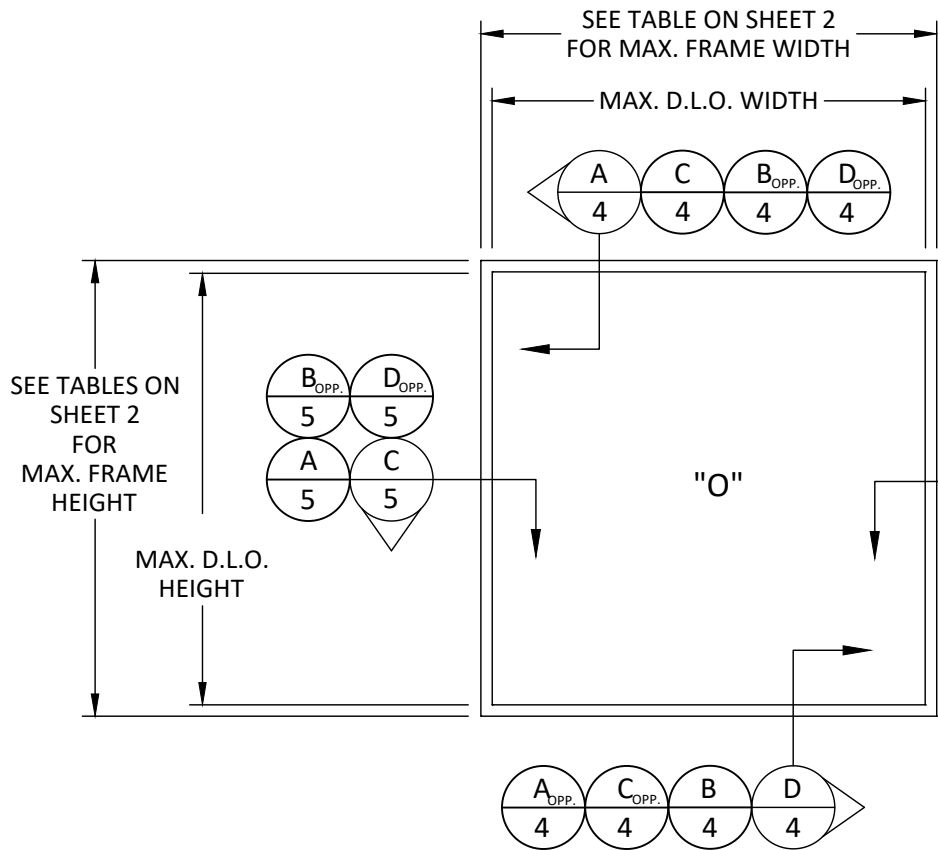
SHEET:

1

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D.L.O. SIZE:
D.L.O. WIDTH = FRAME WIDTH - 3"
D.L.O. HEIGHT = FRAME HEIGHT - 3"

ELEVATION
AS TESTED

DESIGN PRESSURE TABLE (PSF)														
FRAME HEIGHT (INCHES)														
FRAME WIDTH (INCHES)		24	30	36	42	48	54	60	66	72	78	84	90	
	18	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
	24	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
	30	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
	36	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	-	-
	42	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.2	38.2	-
	48	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.4	37.6	-	-	-	-
	54	40.0	40.0	40.0	40.0	40.0	40.0	40.0	37.7	-	-	-	-	-
	60	40.0	40.0	40.0	40.0	40.0	40.0	40.0	-	-	-	-	-	-
	66	40.0	40.0	40.0	40.0	39.4	37.7	-	-	-	-	-	-	-
	72	40.0	40.0	40.0	40.0	37.6	-	-	-	-	-	-	-	-
	78	40.0	40.0	40.0	40.0	-	-	-	-	-	-	-	-	-
	84	40.0	40.0	40.0	38..2	-	-	-	-	-	-	-	-	-
	90	40.0	40.0	40.0	-	-	-	-	-	-	-	-	-	-

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VINYL WINDOW
(NON-HVHZ) (NON-IMPACT)

ELEVATION & DESIGN
PRESSURE TABLE

PREPARED BY:

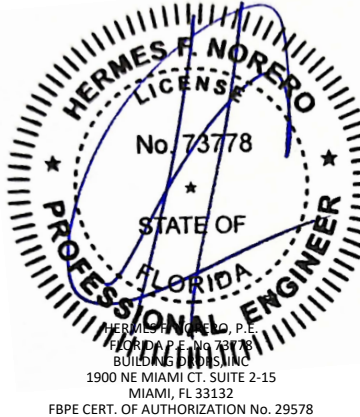
BUILDING DROPS, INC.

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MIAMI, FL 33132
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FAX: (954)744-4738
WEB: www.buildingdrops.com



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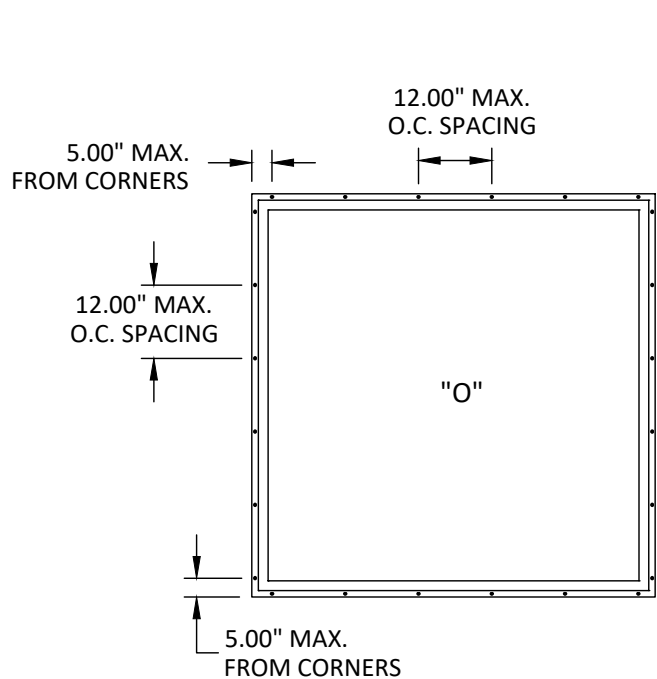
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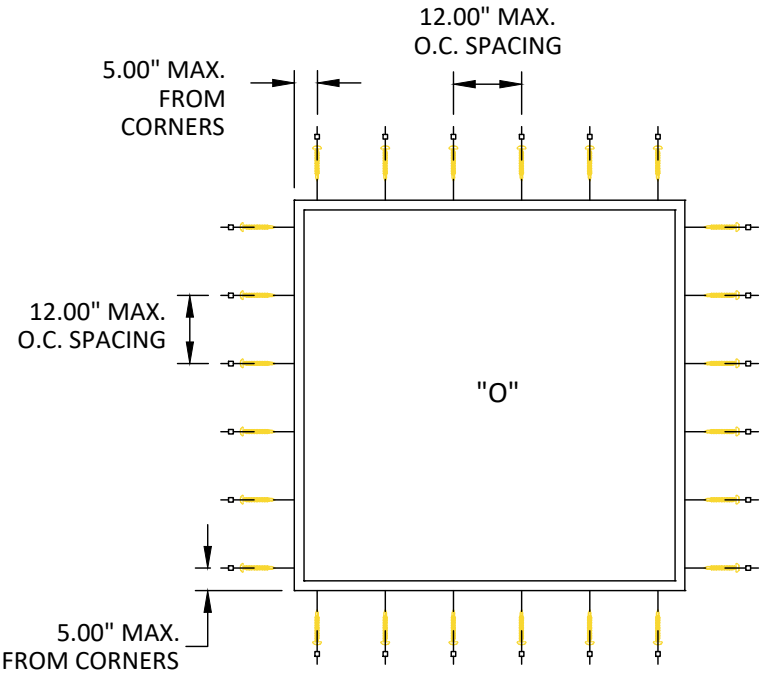
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ANCHOR LAYOUT
FIN INSTALLATION



ANCHOR LAYOUT
THROUGH FRAME INSTALLATION

ANCHOR SCHEDULE - RIDGEVIEW FIXED VINYL WINDOW				
INST. METHOD	ANCHOR TYPE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN (FRAMES V100, V101, V152)	#8 WOOD SCREW	WOOD(S.G.=0.55)	1.25"	0.75"
	#8 GRADE 5SELF- DRILLING SCREWS	MIN. 18 GA. STEEL (33KSI) / ALUMINUM: 1/8" MIN. 6063-T5	THREE (3) THREADS MIN. PENETRATION BEYOND METAL FACE	0.50"
THROUGH FRAME (FRAME V142)	#8 WOOD SCREW	WOOD(S.G.=0.55)	1.25"	0.75"
	3/16" ITW TAPCON SCREW	CONCRETE: f'c=3000 PSI, MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1.00"	2.00"
	#8 GRADE 5SELF- DRILLING SCREWS	MIN. 18 GA. STEEL (33KSI) / ALUMINUM: 1/8" MIN. 6063-T5	THREE (3) THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"

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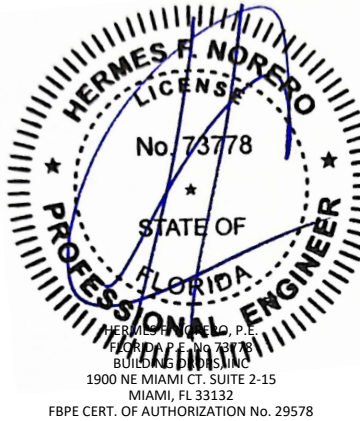
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VINYL WINDOW
(NON-HVHZ) (NON-IMPACT)
ANCHORS LAYOUT & SCHEDULE

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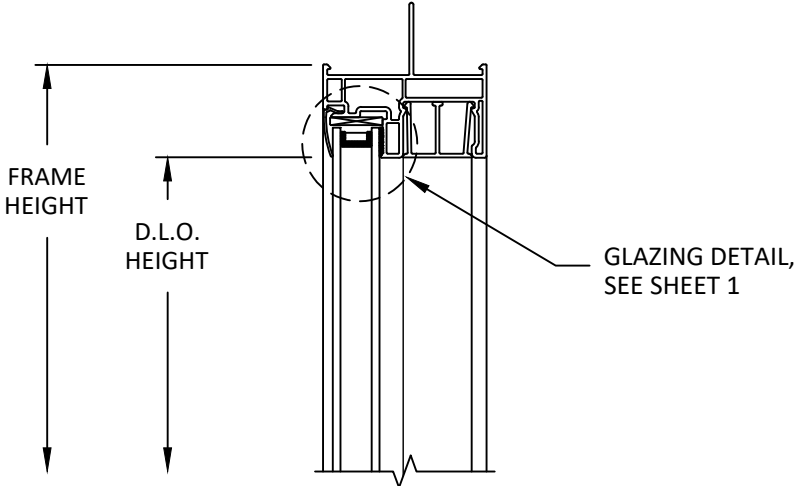
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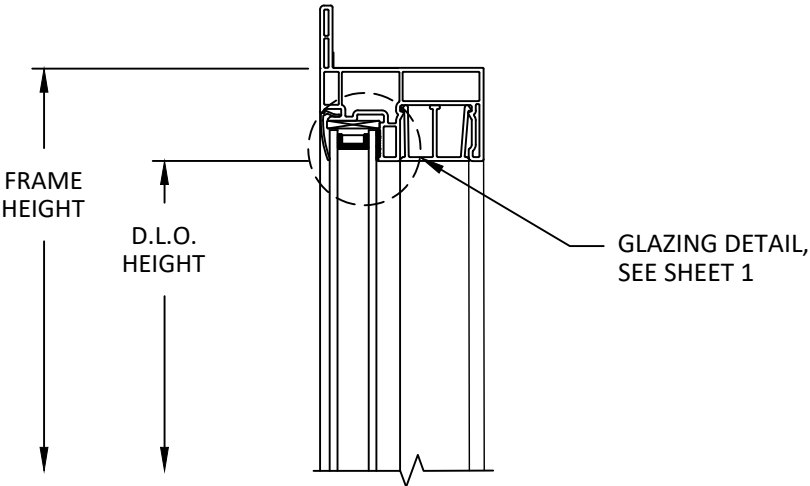
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SIMILAR INSTALLATION ANCHORS AND DETAILS ARE USED PER FRAME TYPE, SEE SHEET 6 FOR INSTALLATION DETAILS.



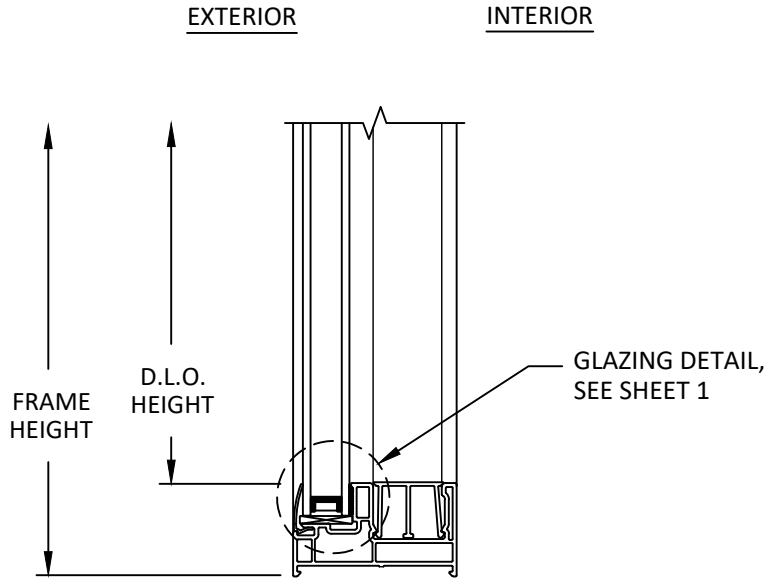
EXTERIOR INTERIOR

A
4 VERTICAL SECTION
V100 HEAD



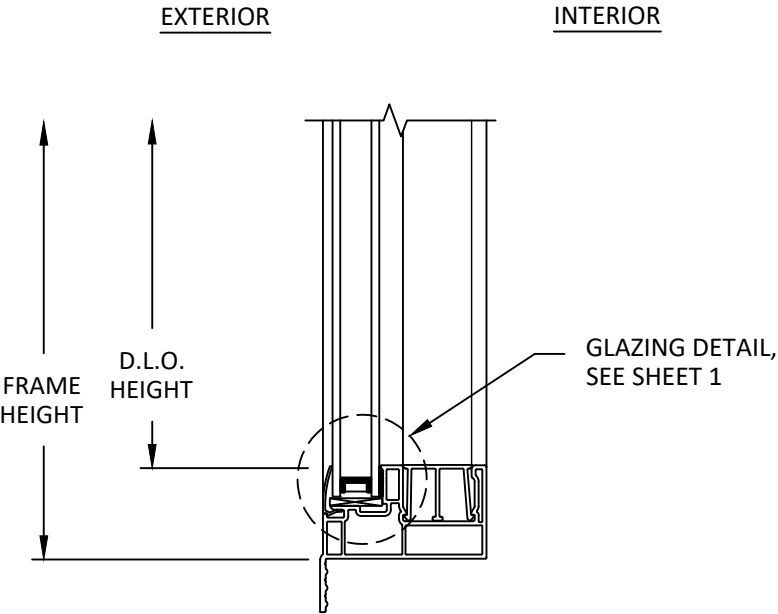
EXTERIOR INTERIOR

C
4 VERTICAL SECTION
V152 HEAD



EXTERIOR INTERIOR

B
4 VERTICAL SECTION
V142 SILL



EXTERIOR INTERIOR

D
4 VERTICAL SECTION
V101 SILL

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PH: (417) 235-7821 FX: (417) 737-7140

TITLE: RIDGEVIEW FIXED VINYL WINDOW (NON-HVHZ) (NON-IMPACT) VERTICAL SECTIONS

PREPARED BY: 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

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

FL #: **FL46857**

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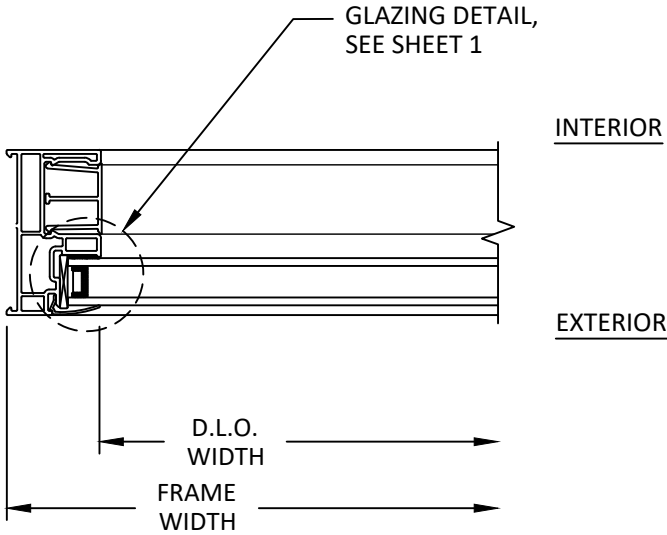
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DWG. #: **WNT014**

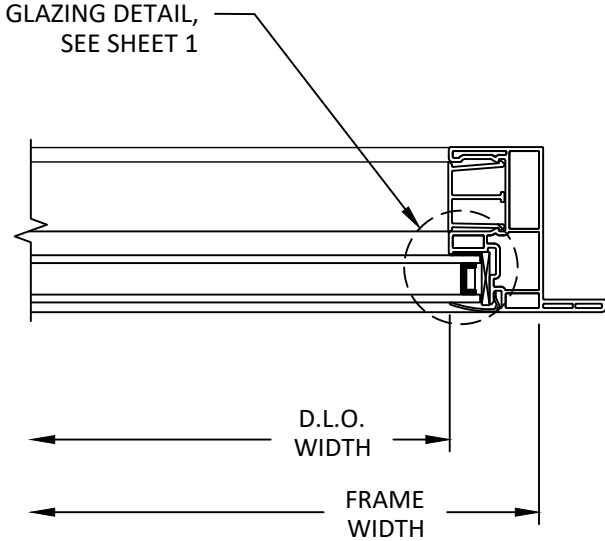
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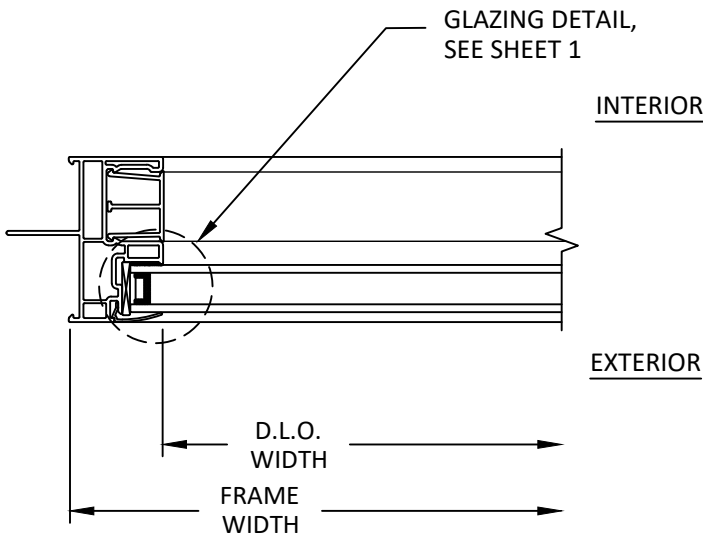
SIMILAR INSTALLATION ANCHORS AND DETAILS ARE USED PER FRAME TYPE, SEE SHEET 6 FOR INSTALLATION DETAILS.



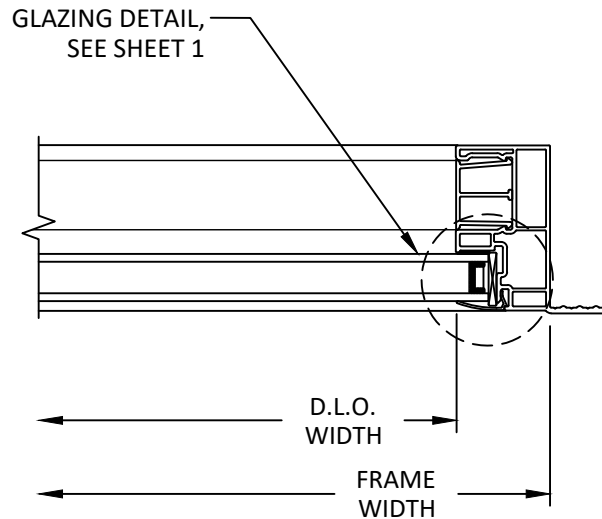
A
5 **HORIZONTAL SECTION**
V142 JAMB



B
5 **HORIZONTAL SECTION**
V152 JAMB



C
5 **HORIZONTAL SECTION**
V100 JAMB



D
5 **HORIZONTAL SECTION**
V101 JAMB

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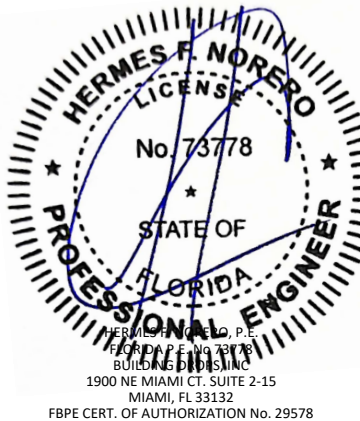
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VINYL WINDOW
(NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS

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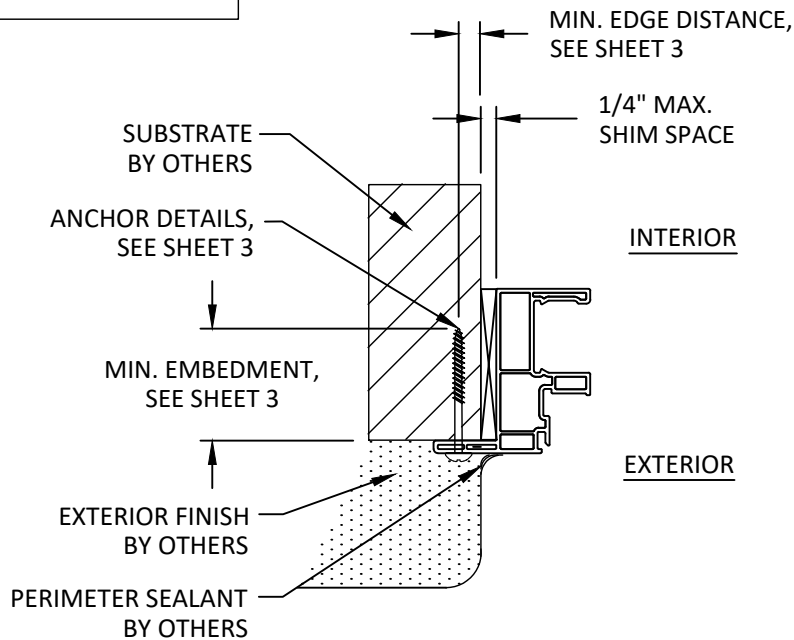
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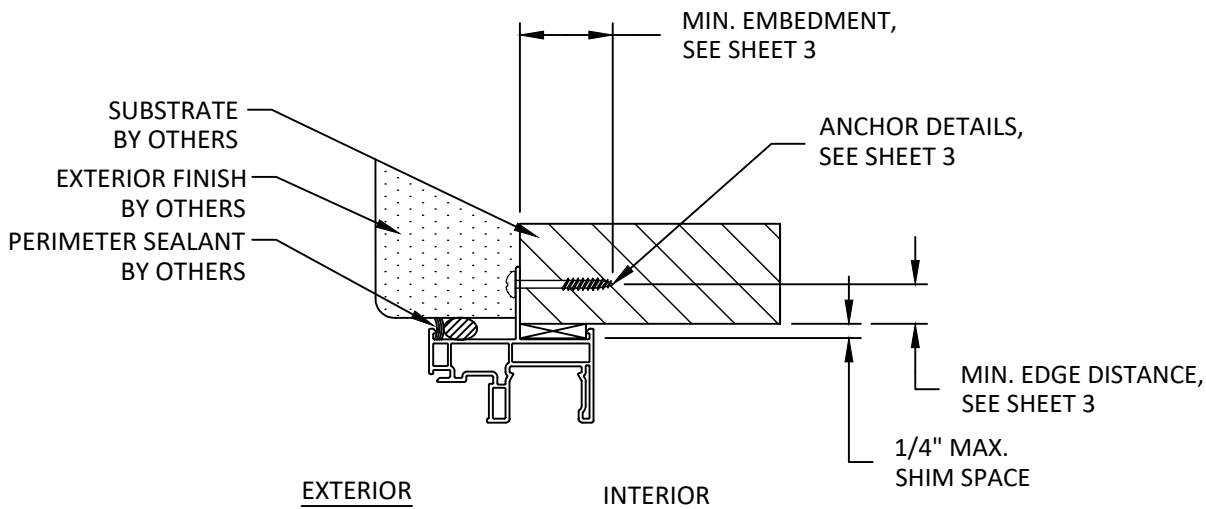


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SCALE:	NTS
DWG. #:	WNT014
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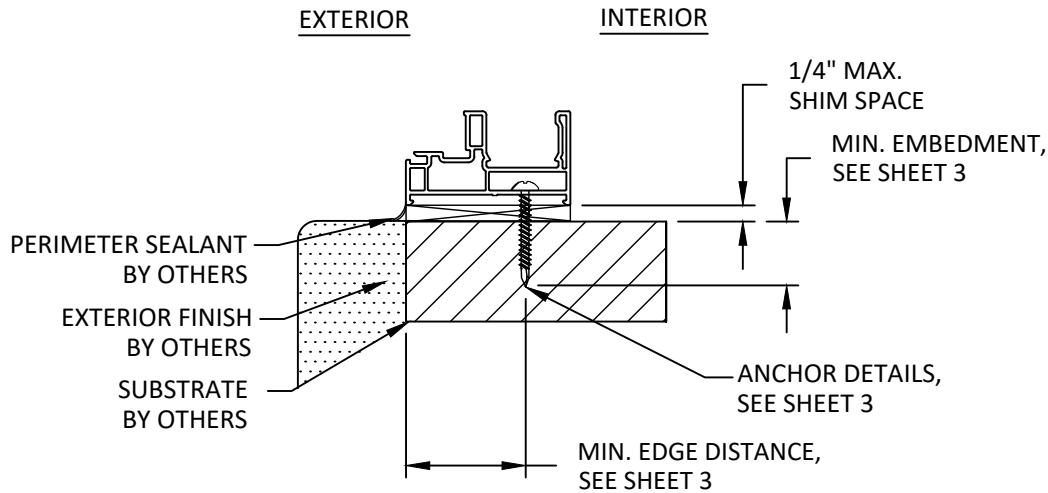
ANCHOR DETAILS AND INSTALLATION ARE SIMILAR FOR ALL FIN TYP. FRAMES (V100/ V152/ V101). THROUGH FRAME (V142) INSTALLATION AT SILL SHOWN, JAMB AND HEAD INSTILLATION IS SIMILAR.



A
6 **HORIZONTAL SECTION**
V152 JAMB
NAIL FIN INSTALLATION



B
6 **VERTICAL SECTION**
V100 HEAD
NAIL FIN INSTALLATION



C
6 **VERTICAL SECTION**
V142 SILL
THROUGH FRAME INSTALLATION

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO SHEATHING, STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 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 BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 43 MILS. (18 GAUGE)
 - ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

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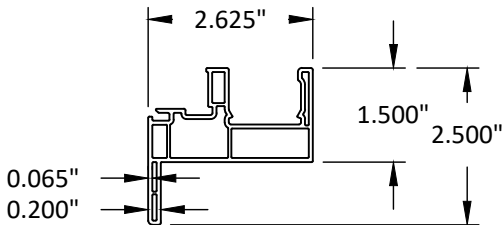


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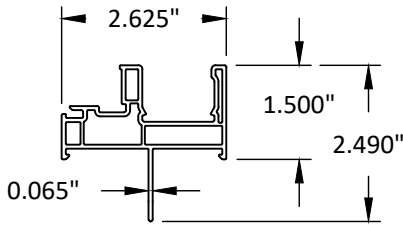
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COMPONENTS

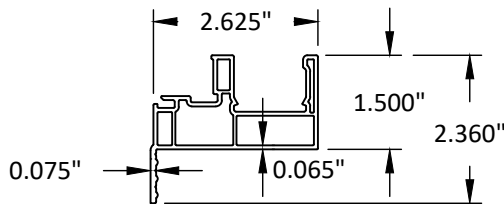
1 V152 FRAME
HEAD/SILL/JAMB



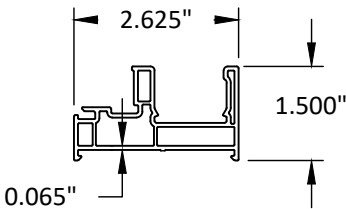
2 V100 FRAME
HEAD/SILL/JAMB



3 V101 FRAME
HEAD/SILL/JAMB



4 V142 FRAME
HEAD/SILL/JAMB



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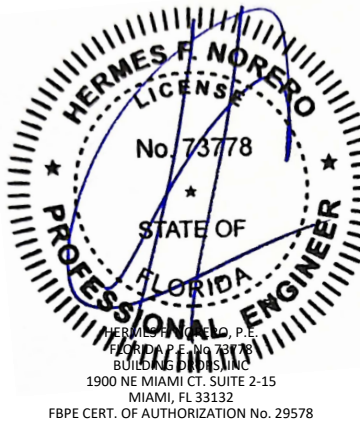
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