

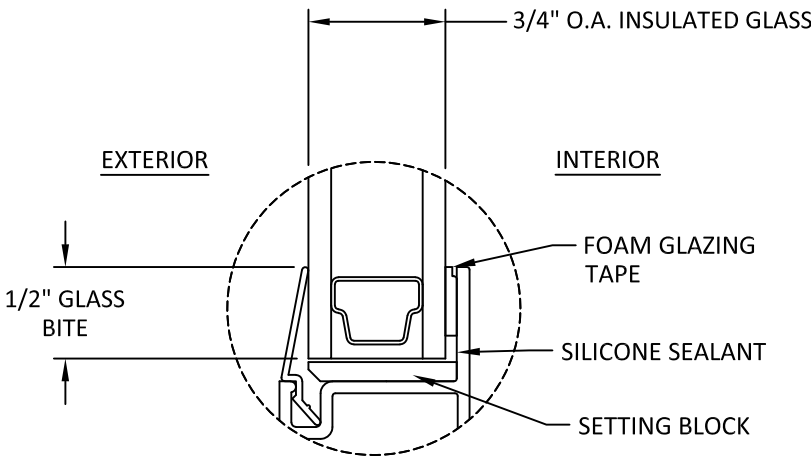
AMSCO WINDOWS

VS1 STUDIO SERIES SINGLE HUNG

(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. 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:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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. 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.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: PVC
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.



GLAZING DETAIL 1

GLAZING NOTES:

1. GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	SINGLE ELEVATION AND DESIGN PRESSURE TABLES
3	TRIPLE ELEVATION AND DESIGN PRESSURE TABLES
4	ANCHOR LAYOUTS
5	VERTICAL SECTIONS
6	HORIZONTAL SECTIONS
7	HORIZONTAL SECTIONS
8	ANCHOR DETAILS AND INSTALLATION NOTES

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
O/X	SEE SHEET 2	SEE SHEET 2	SEE SHEET 2	NON-IMPACT
O/X-O/X-O/X	SEE SHEET 3	SEE SHEET 3	SEE SHEET 3	



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SINGLE HUNG
(NON-HVHZ) (NON-IMPACT)
GENERAL NOTES &
GLAZING DETAILS

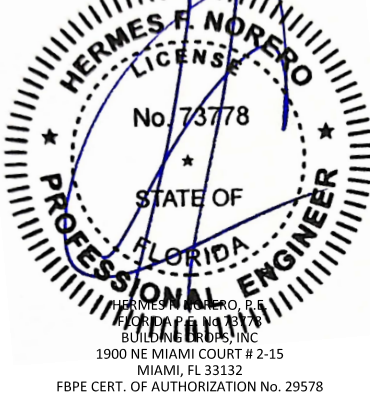
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FAX: (954)744-4738
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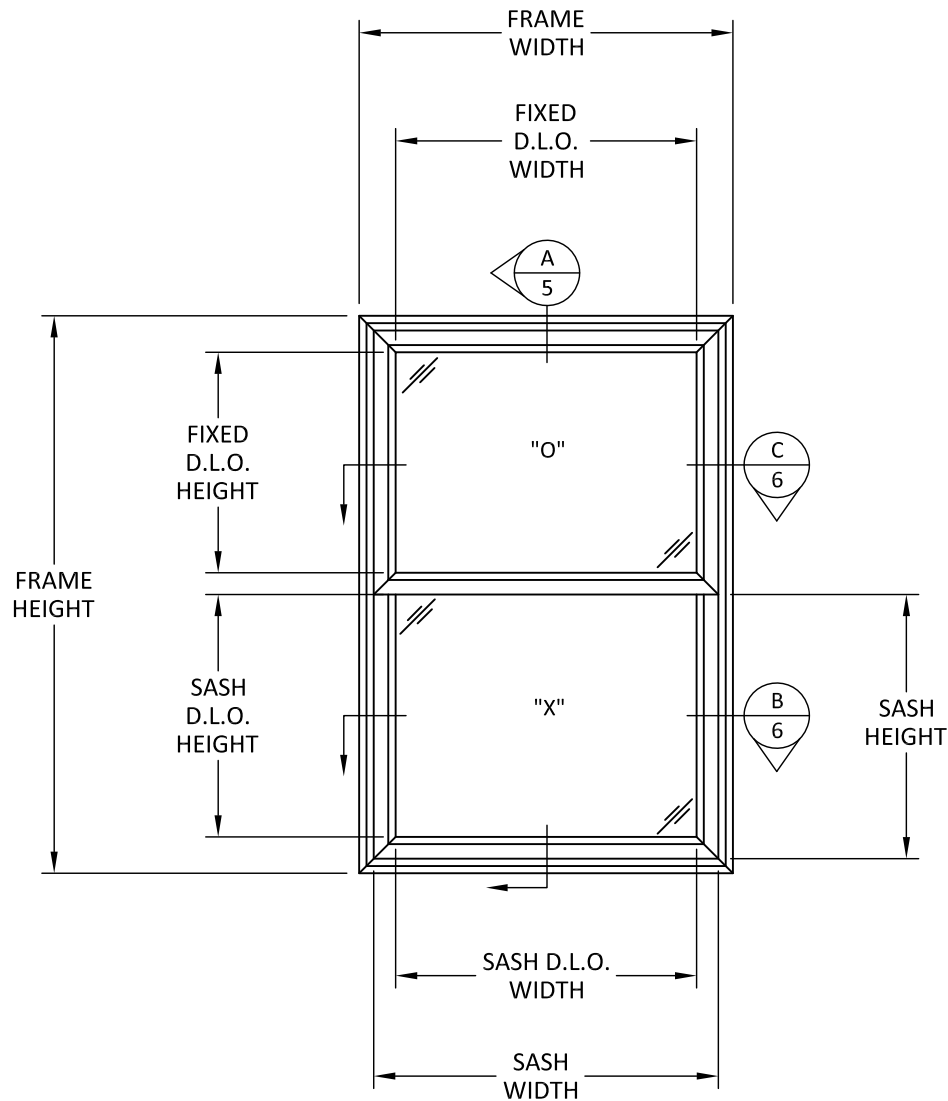
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.09.15 11:11:00 -0400



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DATE: 05.20.2025			
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SCALE: NTS			
DWG. #: AMS001			
SHEET:		REV. A	
1		OF 8	

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ELEVATION

SASH HEIGHT = FRAME HEIGHT/2
SASH WIDTH = FRAME WIDTH - 1 15/16"
D.L.O. FIXED HEIGHT = FRAME HEIGHT/2 - 2 5/8"
D.L.O. FIXED WIDTH = FRAME WIDTH - 2 5/8"
D.L.O. SASH HEIGHT = SASH HEIGHT - 2 1/8"
D.L.O. SASH WIDTH = SASH WIDTH - 2 1/8"

DESIGN PRESSURE TABLE (PSF)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	POS (+)	NEG (-)
24	48	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
42		50.0	-50.0
48		35.3	-35.3
54		22.4	-22.4
60	54	15.2	-15.2
66		-	-
24		50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
42		50.0	-50.0
48	60	35.3	-35.3
54		22.0	-22.0
60		-	-
24		50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
42	66	50.0	-50.0
48		35.3	-35.3
54		22.0	-22.0
60		50.0	-50.0
66		50.0	-50.0
48		35.3	-35.3

DESIGN PRESSURE TABLE (PSF)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	POS (+)	NEG (-)
24	72	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
44		50.0	-50.0
24	78	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
42		50.0	-50.0
24	84	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
36		50.0	-50.0
24	90	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0



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TITLE: VS1 STUDIO SERIES
SINGLE HUNG
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SINGLE ELEVATION &
DESIGN PRESSURE TABLES

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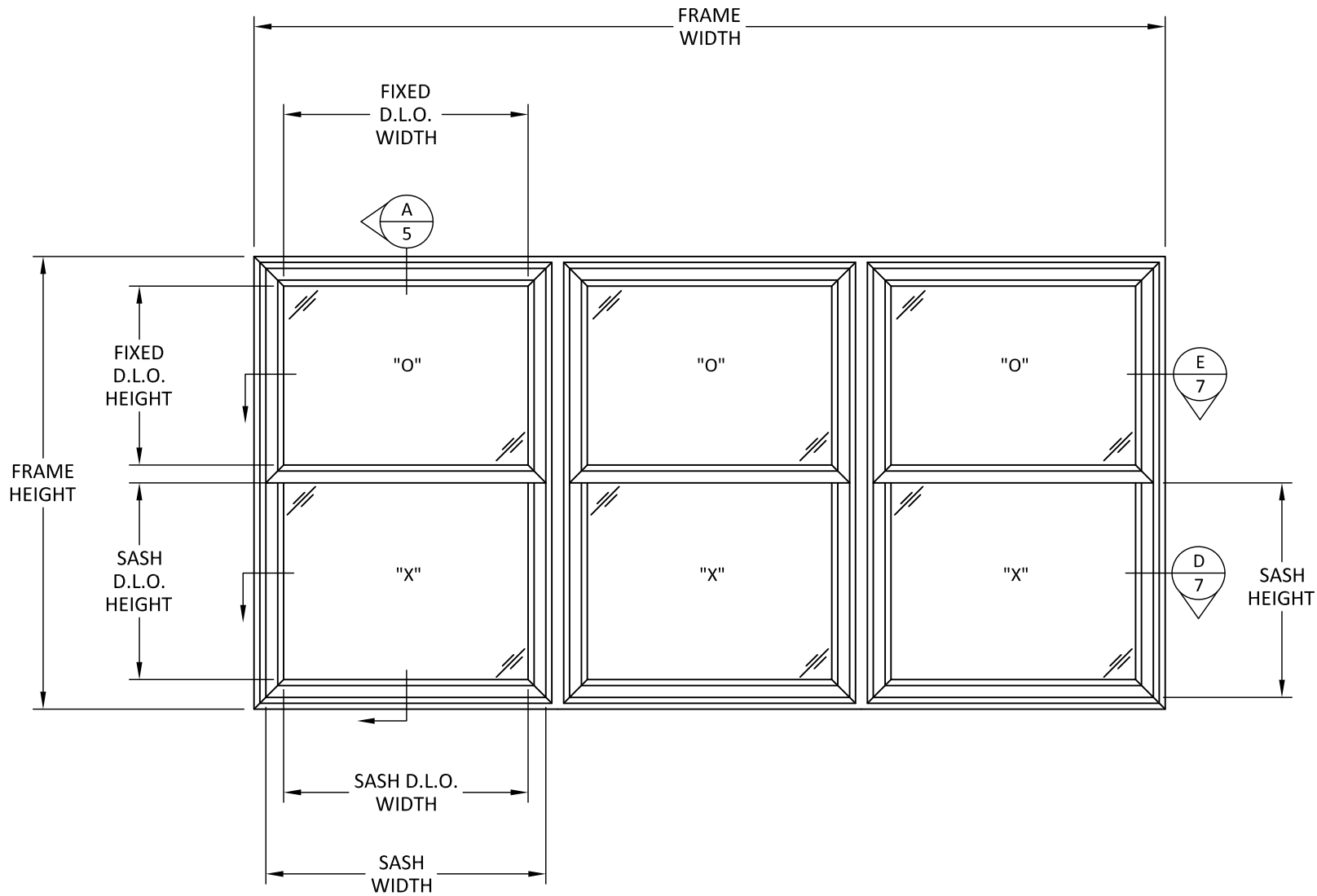
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SHEET: **2** REV. **A**

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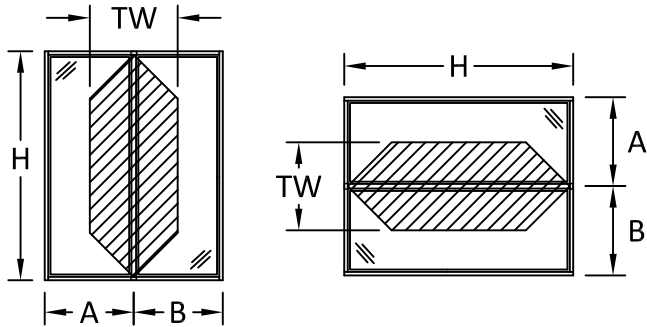


ELEVATION
TRIPLE

AREA CANNOT EXCEED 45 FT²

NOTE: TRIPLE SINGLE HUNG SHOWN, TWIN SINGLE HUNG ARE QUALIFIED.

SASH HEIGHT = FRAME HEIGHT/2
SASH WIDTH = FRAME WIDTH/3 - 2 1/8"
D.L.O. FIXED HEIGHT = FRAME HEIGHT/2 - 2 5/8"
D.L.O. FIXED WIDTH = FRAME WIDTH/3 - 2 7/8"
D.L.O. SASH HEIGHT = SASH HEIGHT - 2 1/8"
D.L.O. SASH WIDTH = SASH WIDTH - 2 1/8"



$$\frac{A + B}{2} = TW$$

DESIGN PRESSURE TABLE (PSF)			
TRIB. WIDTH [TW] (IN.)	HEIGHT [H] (IN.)	POS (+)	NEG (-)
24	42	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
42		50.0	-50.0
48		50.0	-50.0
24	48	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
42		50.0	-50.0
24	54	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0
24	60	50.0	-50.0
30		50.0	-50.0
36		50.0	-50.0

NOTE: THE LOWER DESIGN PRESSURE BETWEEN THE VALUES ON THESE TABLES AND THE TABLES ON SHEET 2 SHALL APPLY TO THE TWIN AND TRIPLE CONFIGURATION.

DESIGN PRESSURE TABLE (PSF)			
TRIB. WIDTH [TW] (IN.)	HEIGHT [H] (IN.)	POS (+)	NEG (-)
24	66	50.0	-50.0
30		42.2	-42.2
24	66	39.1	-39.1
30		32.1	-32.1
24	78	30.5	-30.5
24	84	24.3	-24.3



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TRIPLE ELEVATION &
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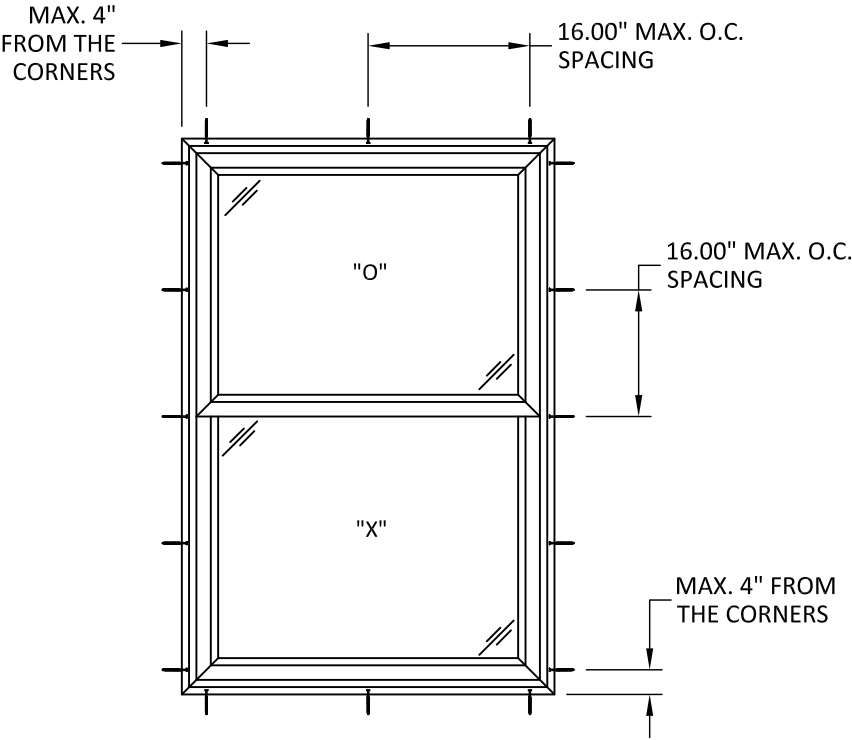
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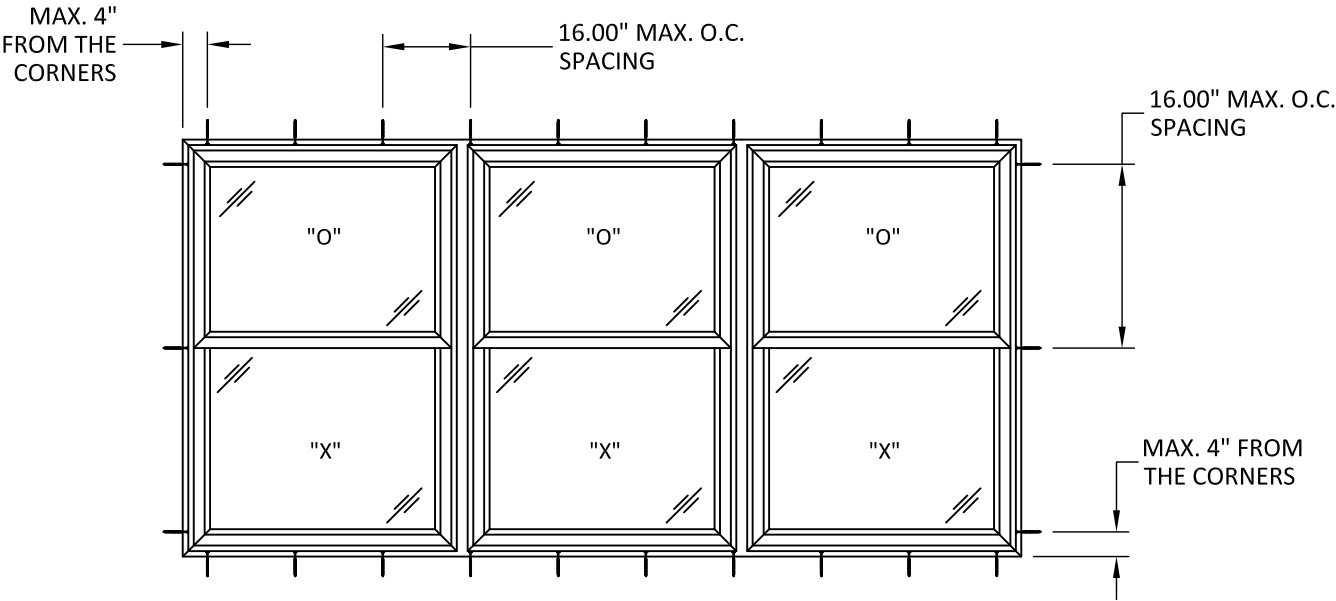


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SCALE:		NTS
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REV.		A
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ANCHOR LAYOUT
NAIL-FIN INSTALLATION



ANCHOR LAYOUT
NAIL-FIN INSTALLATION



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TITLE:

VS1 STUDIO SERIES
SINGLE HUNG
(NON-HVHZ) (NON-IMPACT)

ANCHOR LAYOUTS

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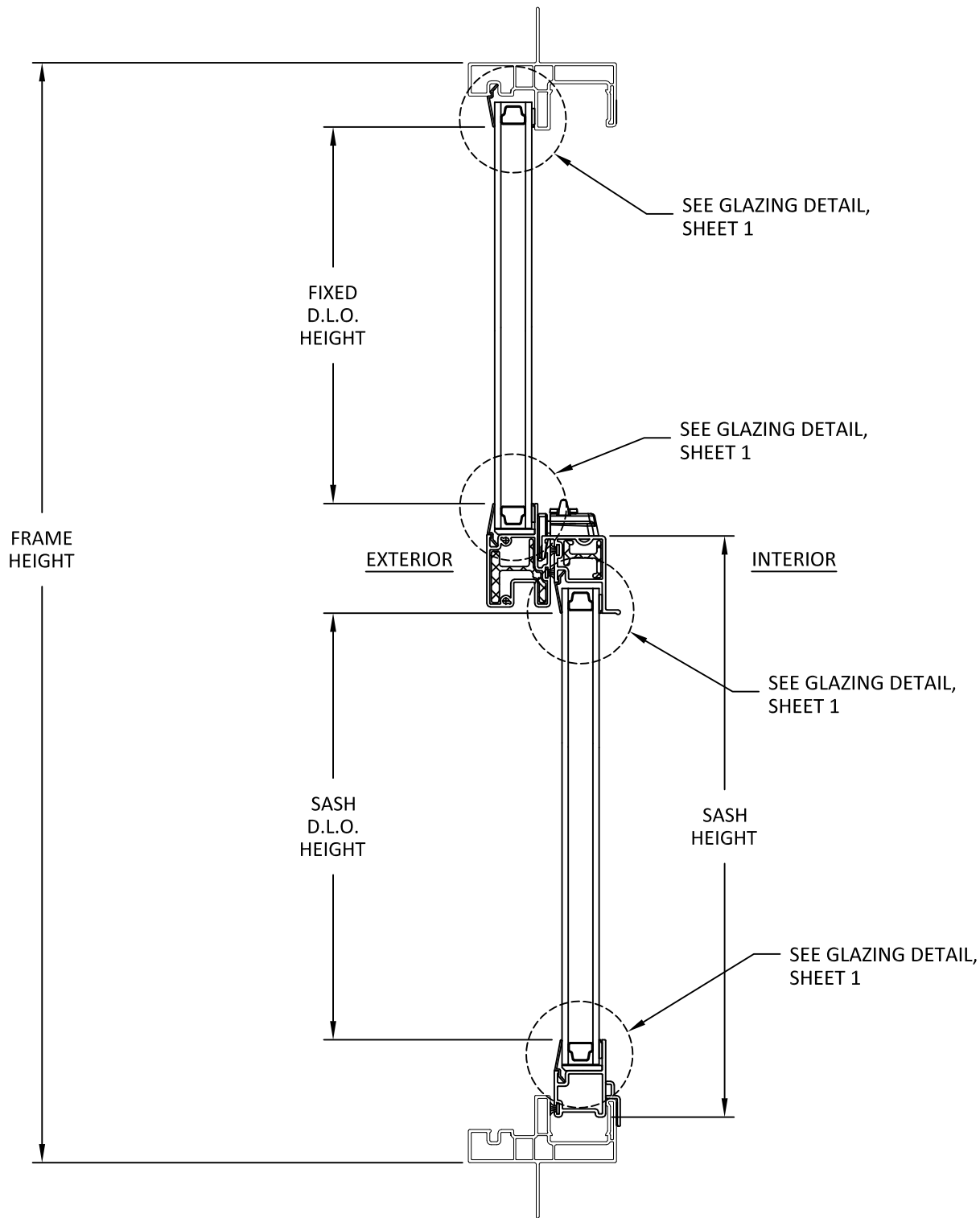
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A
5 VERTICAL SECTION



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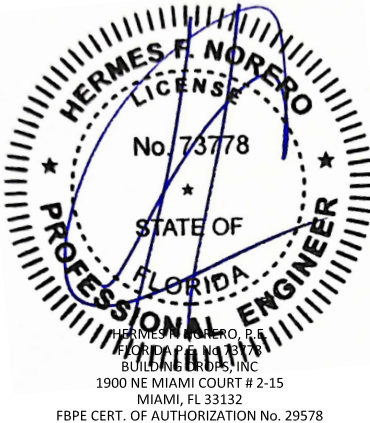
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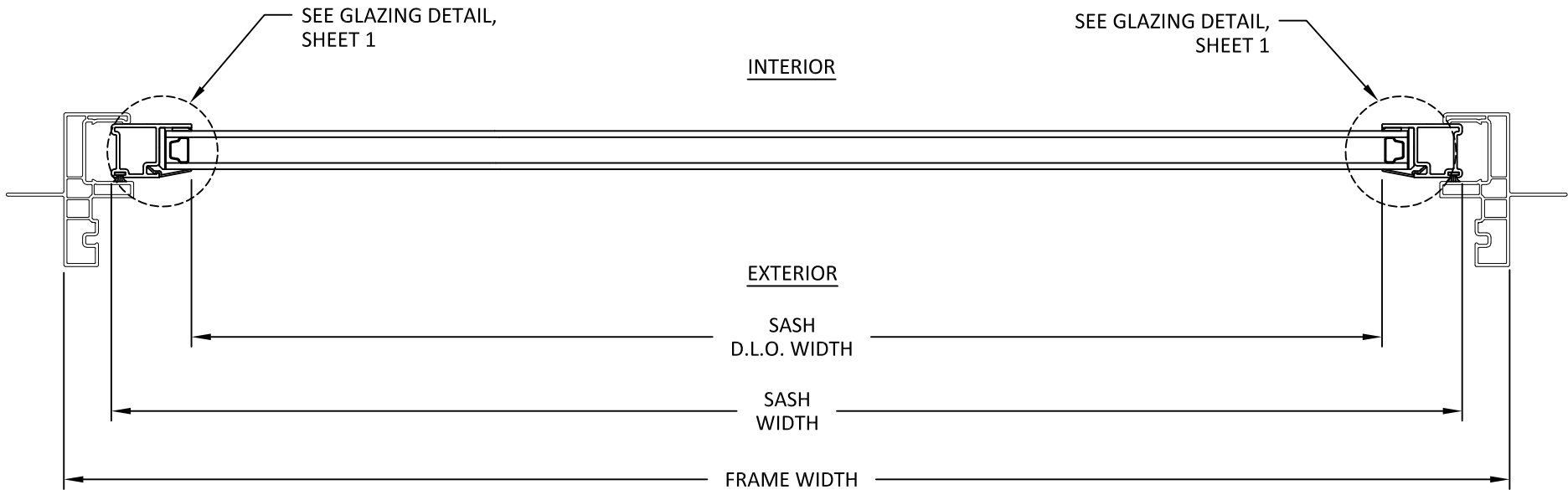
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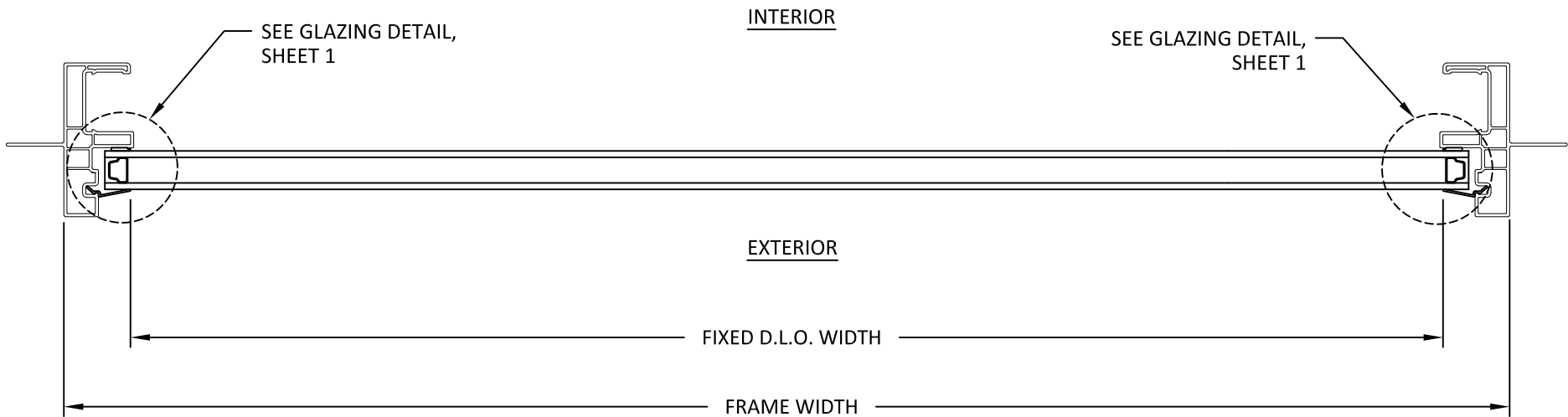
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B
6 HORIZONTAL SECTION
LOWER SASH



C
6 HORIZONTAL SECTION
UPPER SASH



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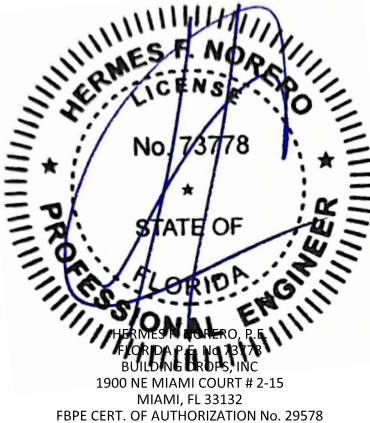
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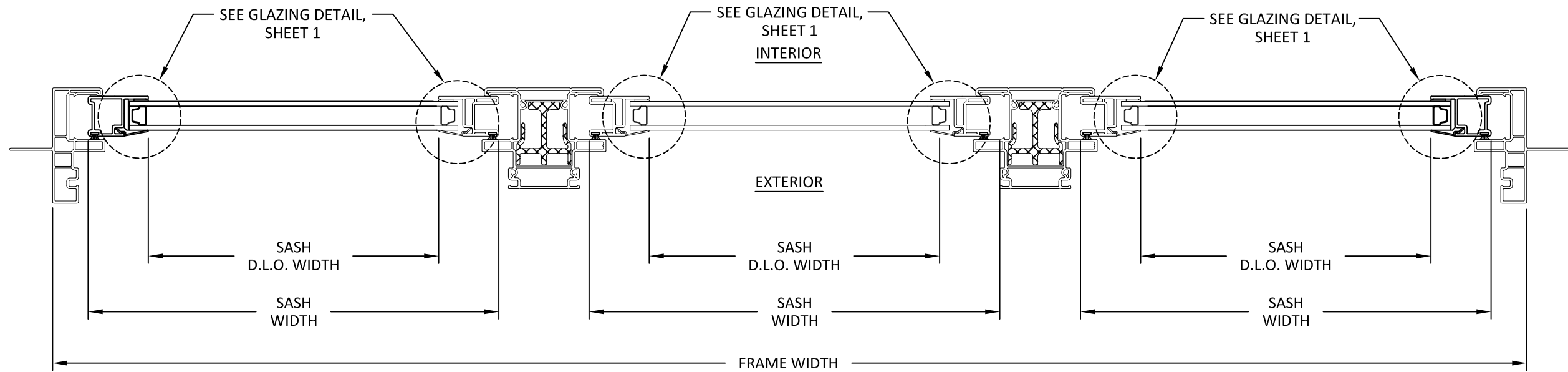
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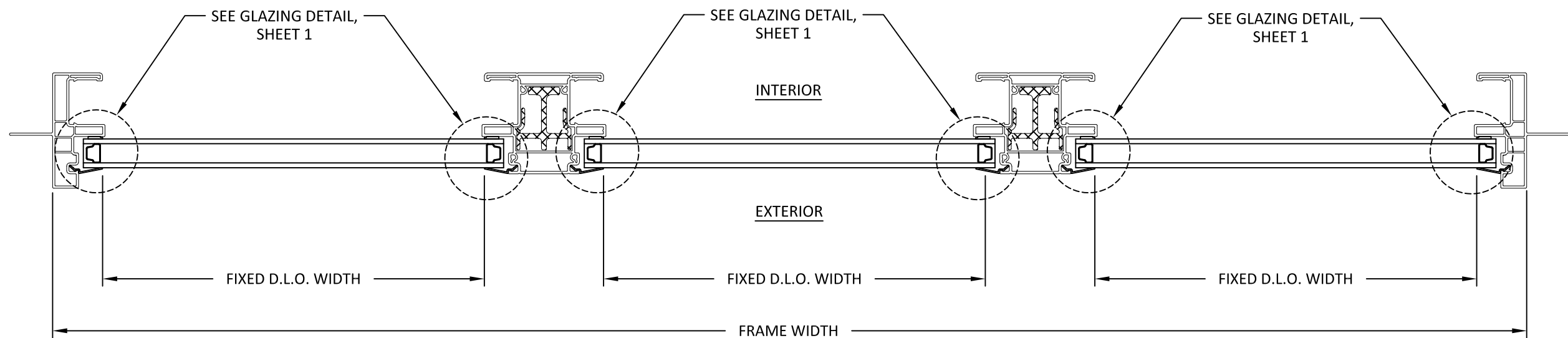
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D
7 HORIZONTAL SECTION
LOWER SASH



E
7 HORIZONTAL SECTION
UPPER SASH



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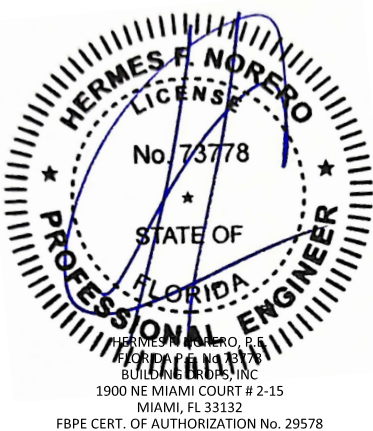
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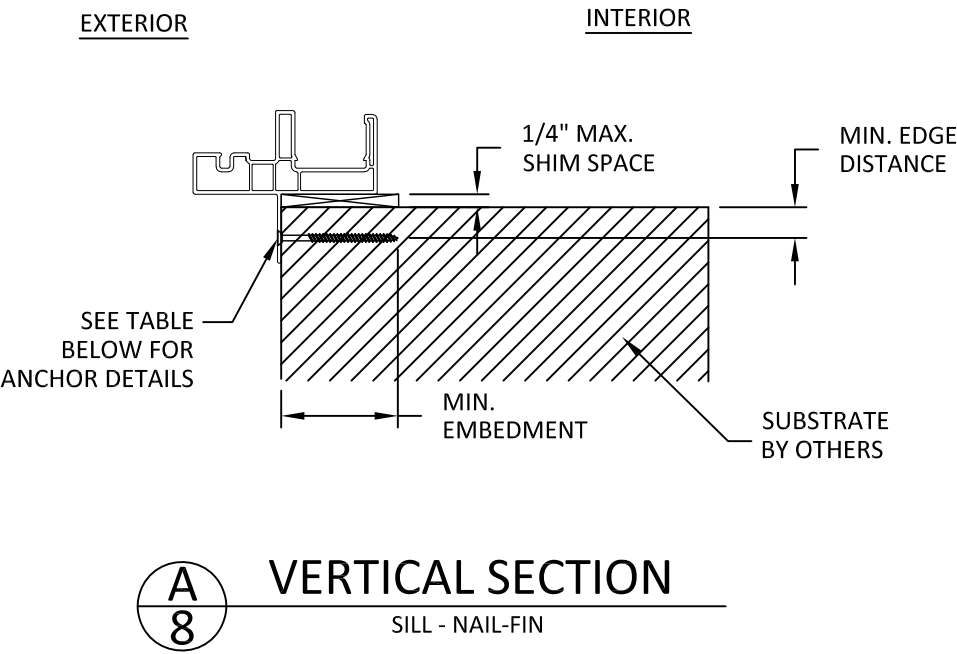
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NOTE: HEAD AND JAMB SIMILAR

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 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).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
NAIL-FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#8 GR. 5 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"



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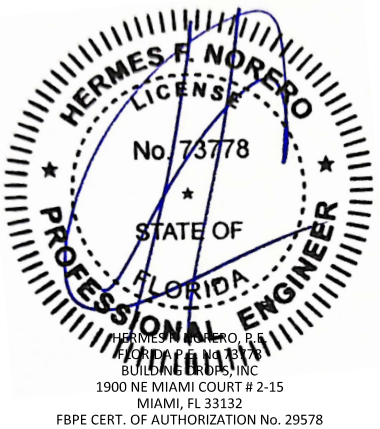
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