

AMERICAN CRAFTSMAN WINDOWS
SILVER LINE WINDOWS AND DOORS

V3 SERIES/70 SERIES TRANSOM & SIDELITE WINDOW
(5810/5840) (NON-IMPACT) (NON-HVHZ)

GENERAL NOTES:

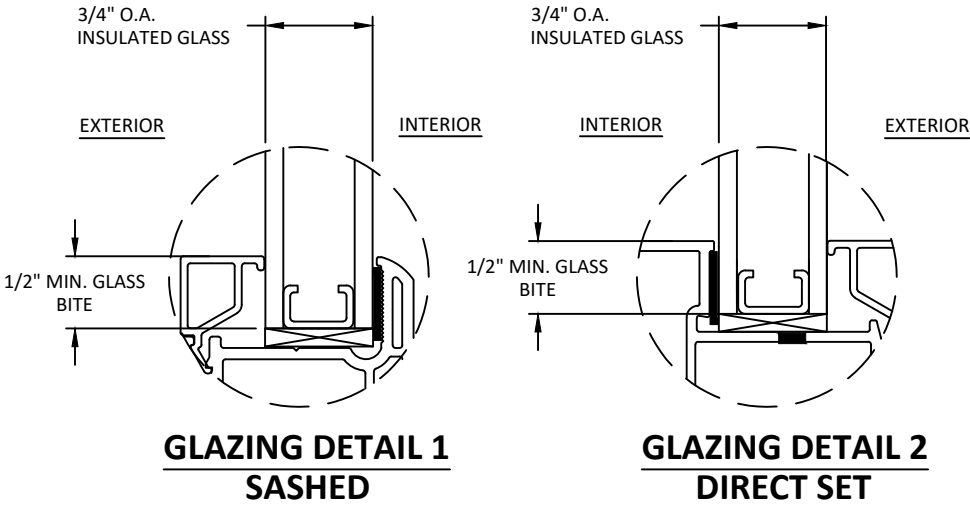
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-11
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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. 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL

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SHEET	SHEET DESCRIPTION
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2	ELEVATIONS & ANCHOR LAYOUTS
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5	INSTALLATION NOTES, ANCHOR DETAILS & SCHEDULE

DESIGN PRESSURE TABLE			
SIZE	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
48.0" X 96.0"	"O"	+50/-50 PSF	NON-IMPACT
107-3/8" X 24"	"O"	+50/-50 PSF	NON-IMPACT



GLAZING NOTE:

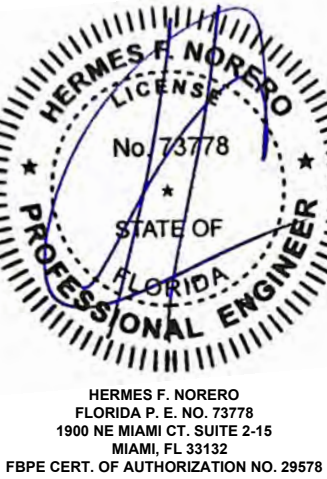
- GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E-1300 GLASS CHARTS REQUIREMENT

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.23 12:09:26 -05'00'

AMERICAN CRAFTSMAN
WINDOWS
SILVER LINE WINDOWS AND
DOORS

ONE SILVERLINE DRIVE
NORTH BRUNSWICK, NJ 08902
PH: (888) 741-0354

TITLE: V3 SERIES/70 SERIES GLIDING PD SIDELITE & TRANSOM GENERAL NOTES & GLAZING DETAILS	REVISION DESCRIPTION		DATE
	NO.	BY	DATE
	A	FM	10.17.17
	B	LMH	12.05.20
6TH FBC EDITION		7TH EDITION 2020 FBC	11.27.24
DATE: 09.27.17		DWN BY: CL	CHK BY: HFN
		SCALE: NTS	



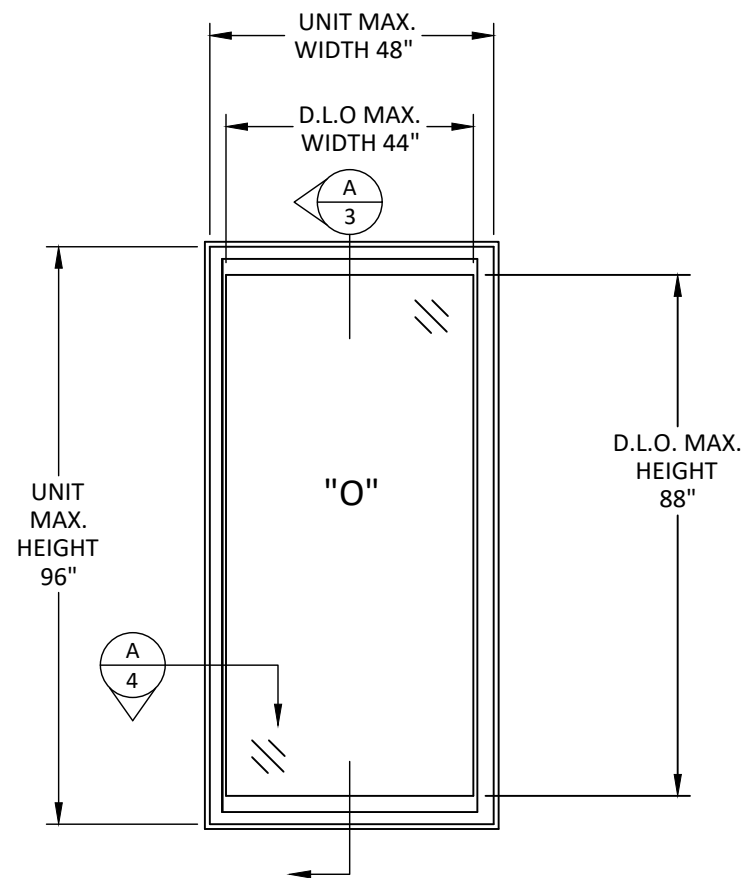
HERMES F. NORERO
FLORIDA P. E. NO. 73778
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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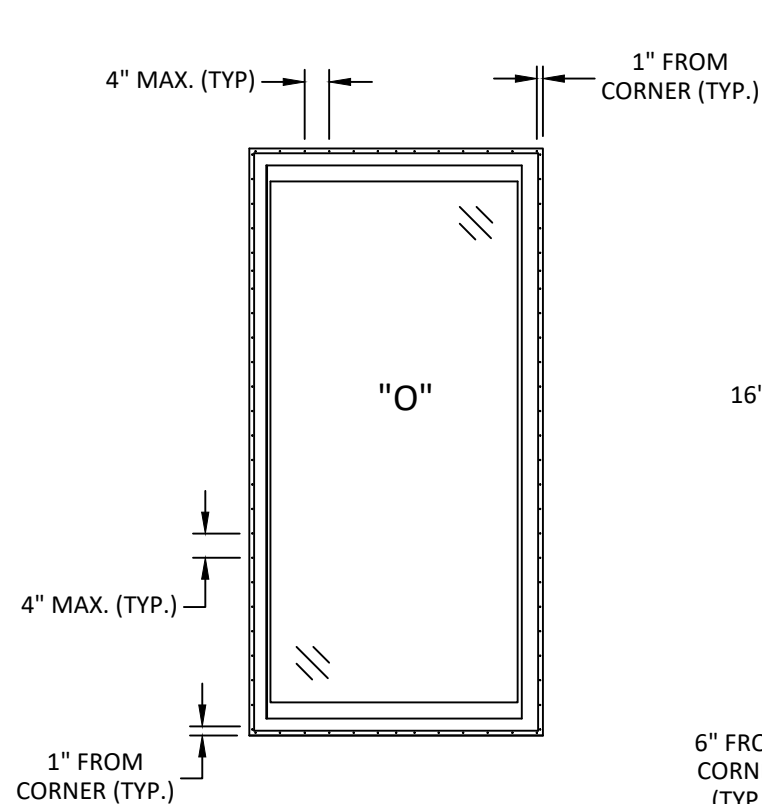
FL#: 14918

DWG #: SWD023

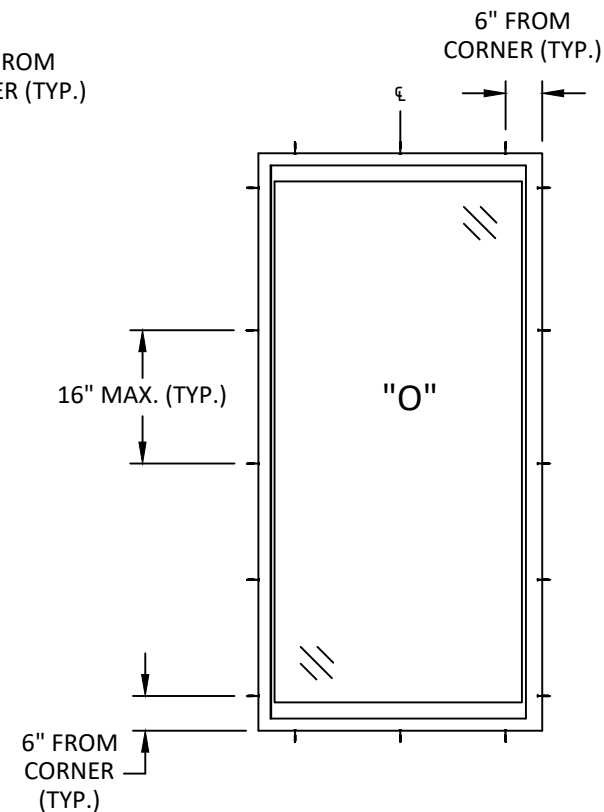
SHEET: 1 OF 5



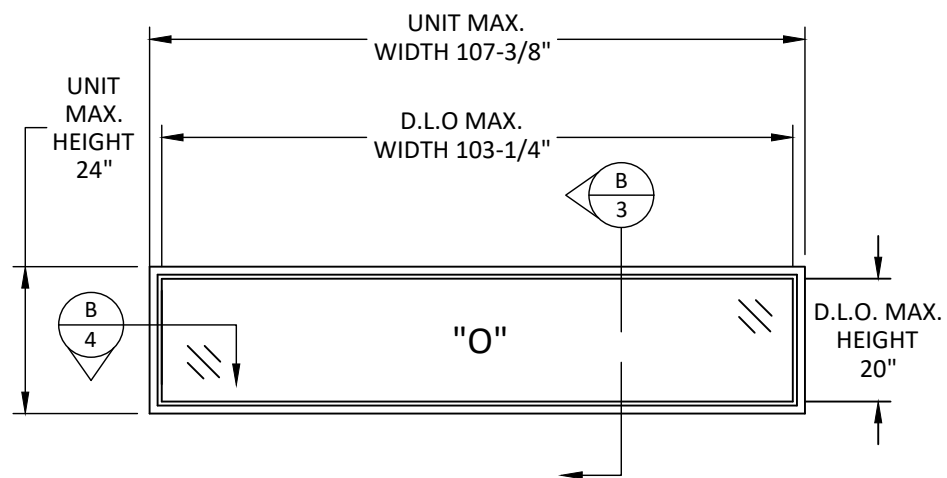
ELEVATION



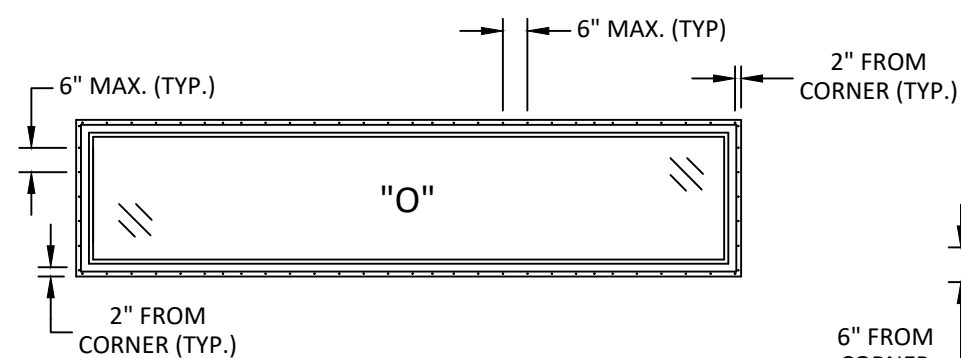
**ANCHOR LAYOUT
NAIL FIN**



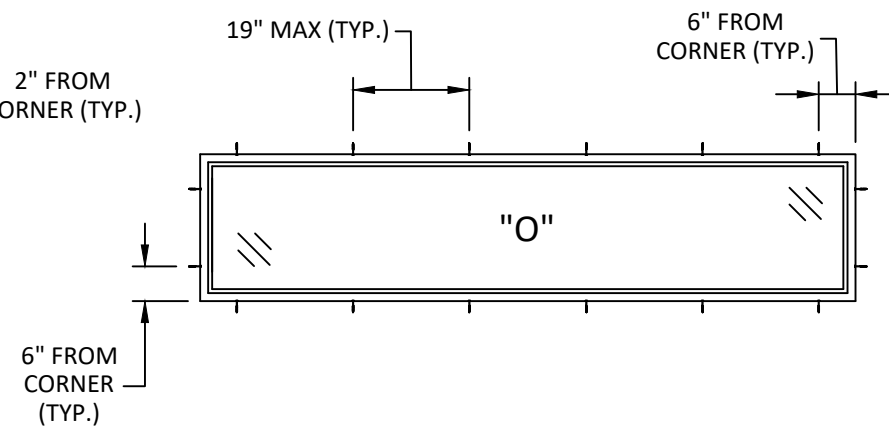
**ANCHOR LAYOUT
THROUGH FRAME**



ELEVATION



**ANCHOR LAYOUT
NAIL FIN**

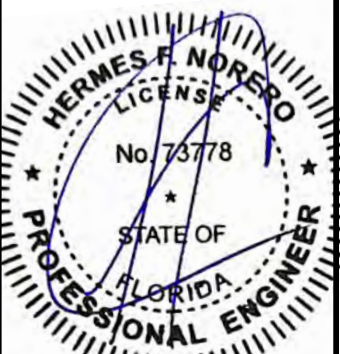


**ANCHOR LAYOUT
THROUGH FRAME**

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TITLE: V3 SERIES/70 SERIES GLIDING PD SIDELITE & TRANSOM ELEVATIONS & ANCHOR LAYOUTS	DATE	BY	REVISION DESCRIPTION	NO.
	09.27.17	CL	6TH FBC EDITION	A
	DWN BY:	CHK BY:	7TH EDITION 2020 FBC	B
	10.17.17	HFN	UPDATED TO CURRENT FBC.	C
SCALE:		NTS		



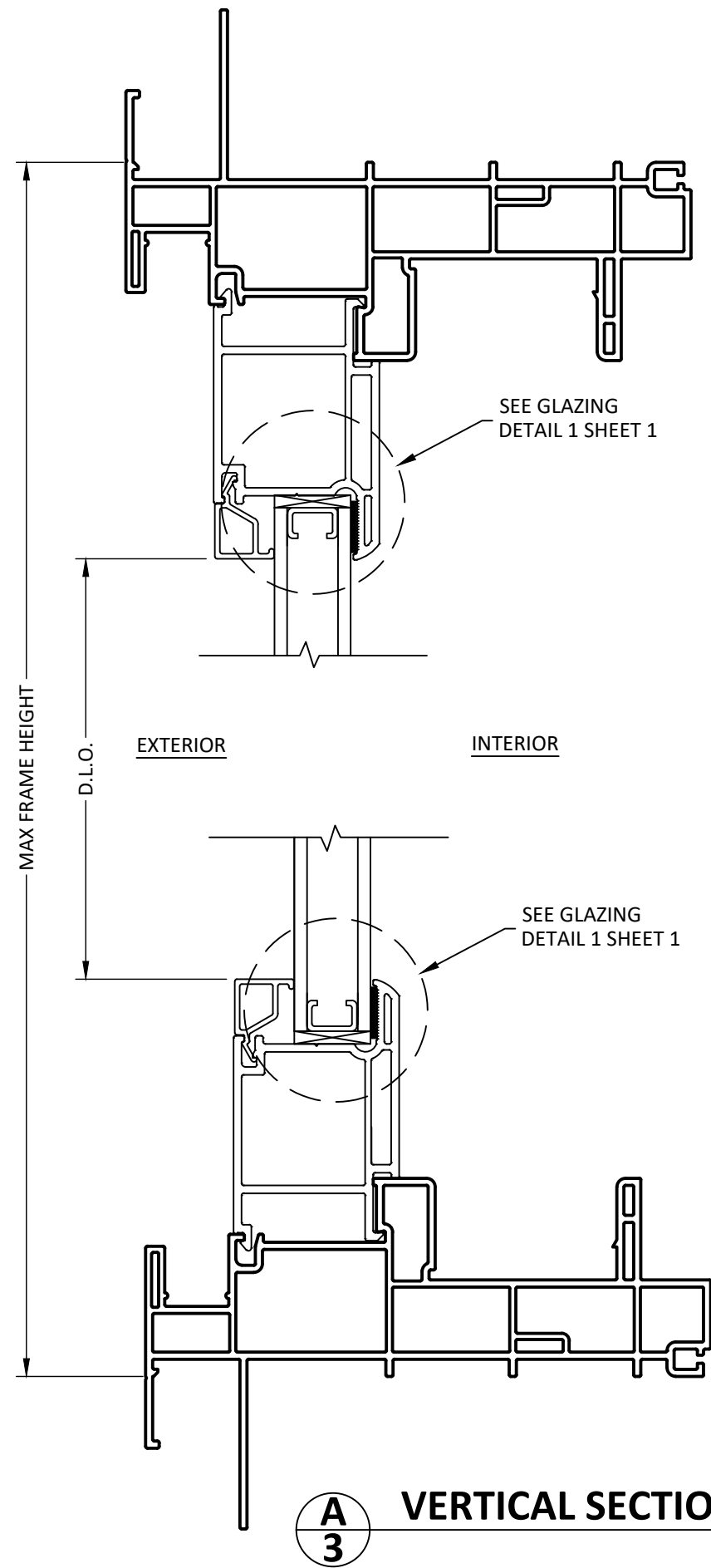
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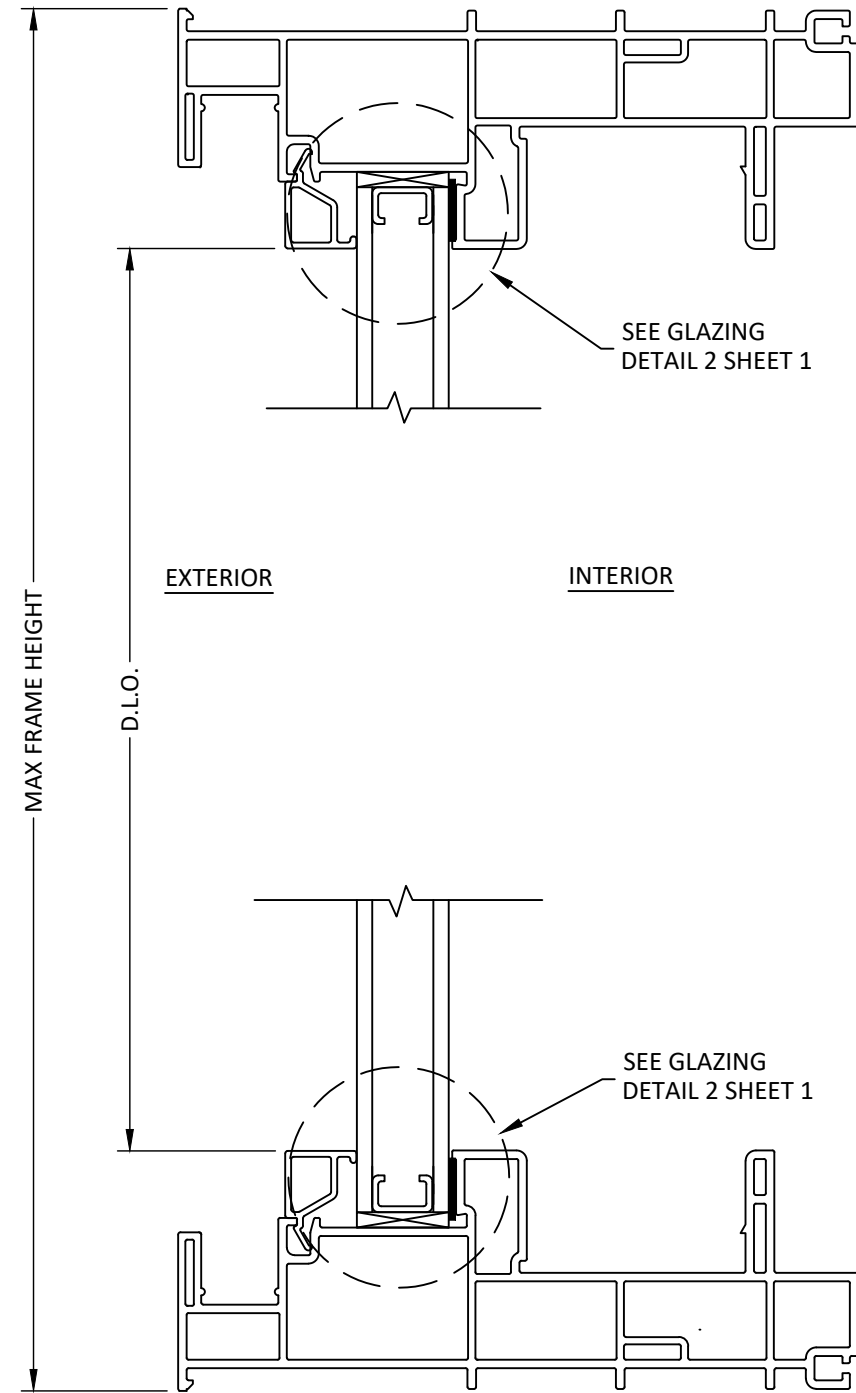
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DWG #: SWD023

SHEET: 2 OF 5



VERTICAL SECTION



VERTICAL SECTION

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TITLE: V3 SERIES/70 SERIES GLIDING PD SIDELITE & TRANSOM VERTICAL SECTIONS				DATE	
NO.		REVISION DESCRIPTION		BY	DATE
A		6TH FBC EDITION		FM	10.17.17
B		7TH EDITION 2020 FBC		LMH	12.05.20
C		UPDATED TO CURRENT FBC.		LMH	11.27.24
DATE: 09.27.17		DWN BY: CL	CHK BY: HFN	SCALE: NTS	



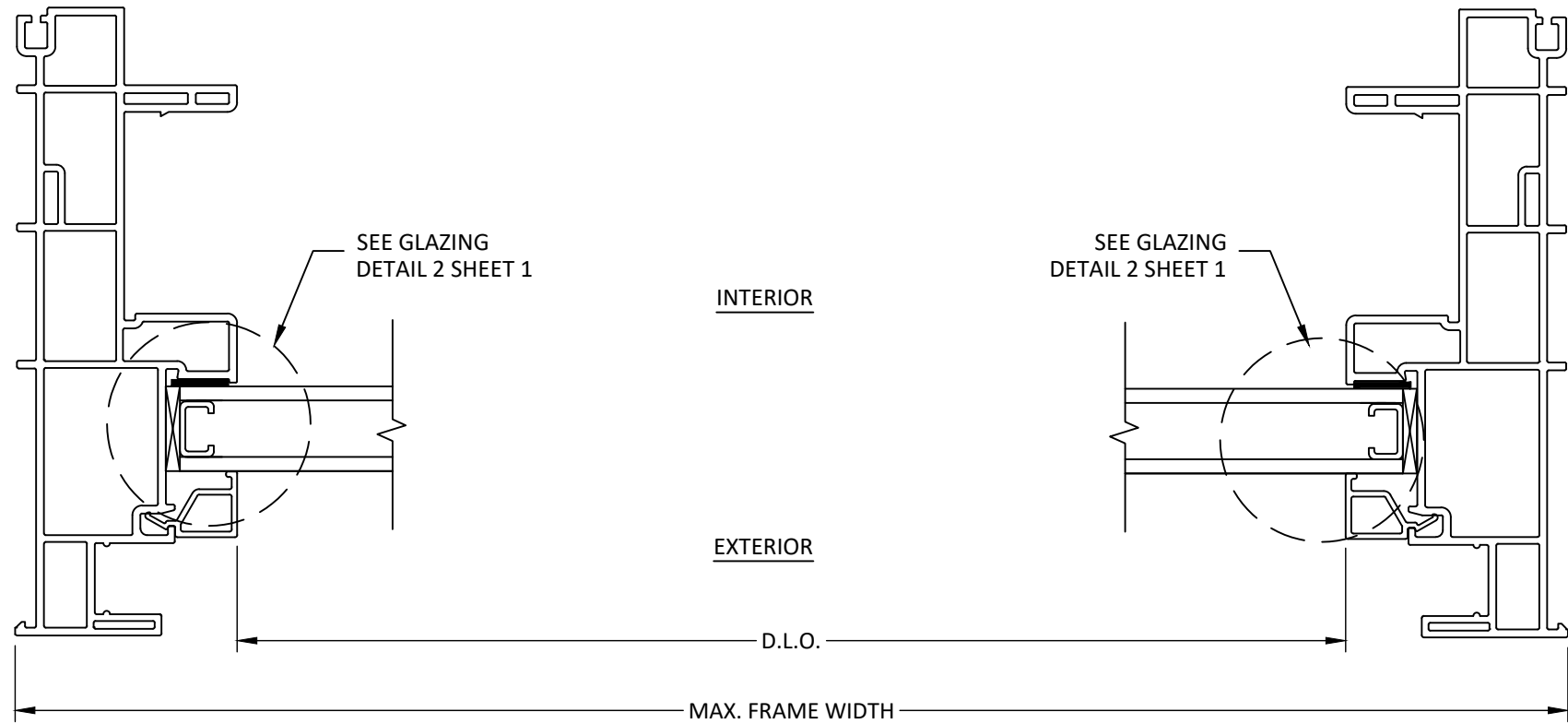
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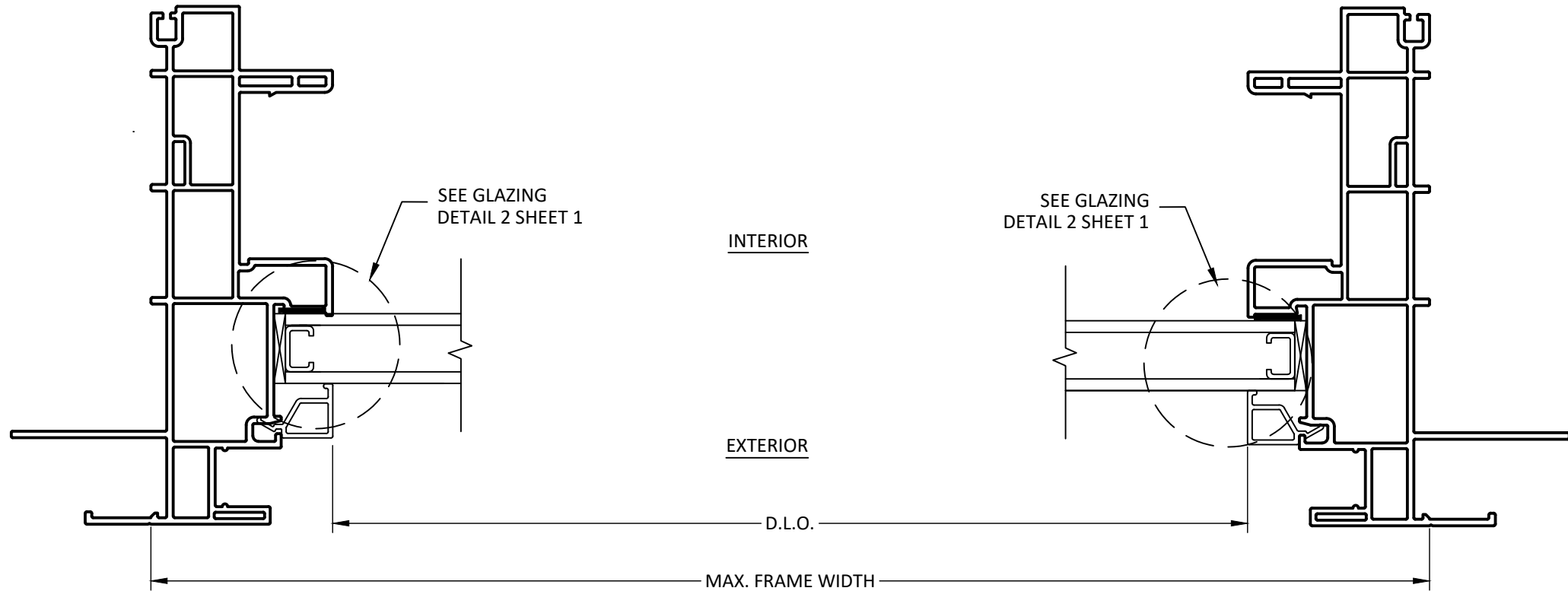
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A
4 **HORIZONTAL SECTION**



B
4 **HORIZONTAL SECTION**

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TITLE: V3 SERIES/70 SERIES GLIDING PD SIDELITE & TRANSOM HORIZONTAL SECTIONS				
NO.		REVISION DESCRIPTION	BY	DATE
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DWN BY:				
CL				
CHK BY:				
HFN				
SCALE:				
NTS				



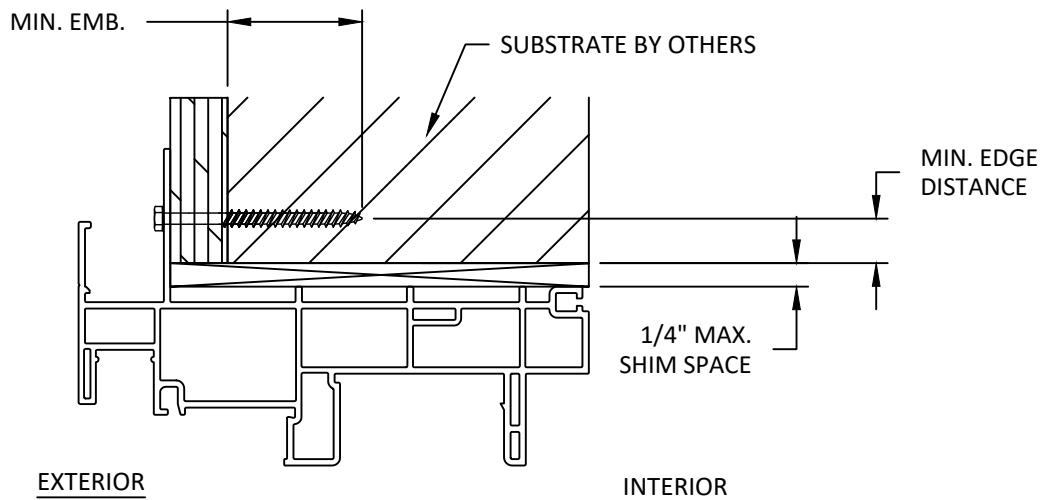
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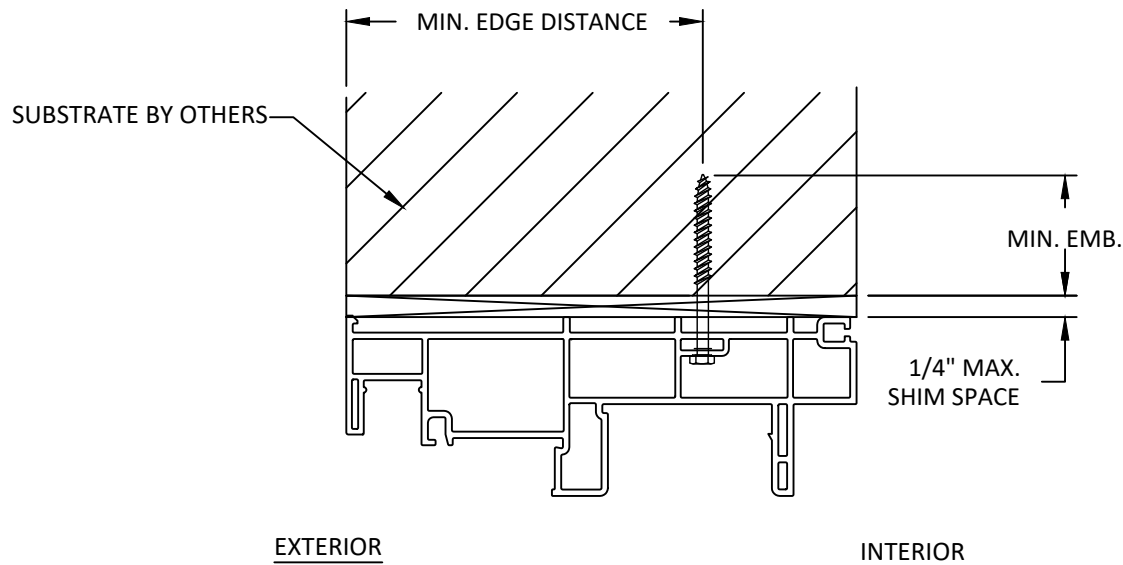
DWG #: **SWD023**

SHEET: **4 OF 5**



A
5 **ANCHOR DETAIL**
NAIL FIN (HEAD)

NOTE:
SILL AND JAMB HAVE
SIMILAR DETAILS



B
5 **ANCHOR DETAIL**
THROUGH FRAME (HEAD)

INSTALLATION NOTES:

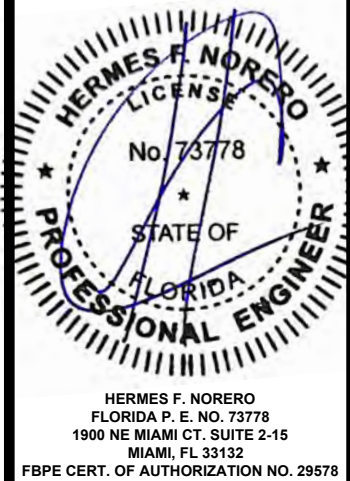
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH THE DEPICTED 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.
- FOR HOLLOW BLOCK AND 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD MIN. SG = 0.55	#10 WOOD SCREW	1-1/2"	3/4"
	STEEL 18 GAUGE, MIN. Fy = 33KSI	#14 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"
	CONCRETE fc = 2000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
	CMU per ASTM C90 fc = 2000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
NAIL FIN	WOOD MIN. SG = 0.55	#8 WOOD SCREW	1-1/2"	3/4"
	STEEL 18 GAUGE, MIN. Fy = 33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"

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