

AMERICAN CRAFTSMAN WINDOWS SILVER LINE WINDOWS AND DOORS

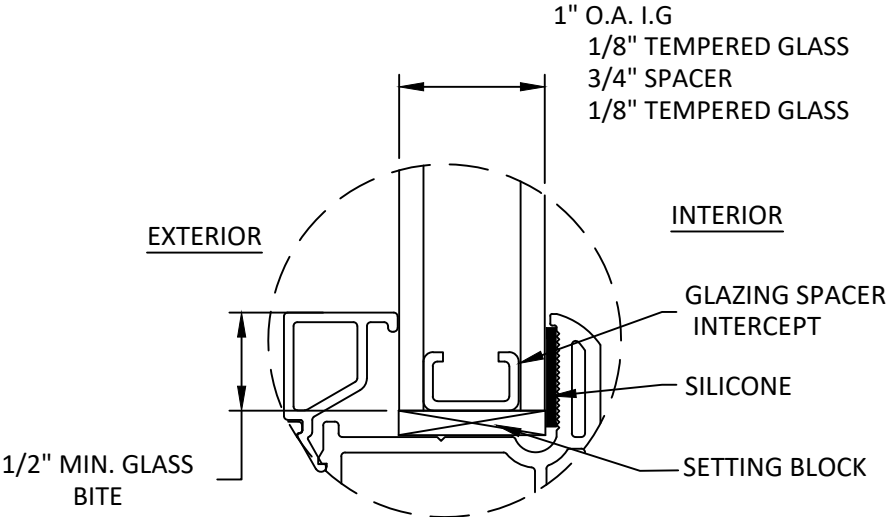
70 SERIES/V3 SERIES/(5800) GLIDING PATIO DOOR (HVHZ)(NON-IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
- 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.
- 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
- DESIGNATION "X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL.

DESIGN PRESSURE TABLE			
SIZE	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
71-5/8" X 82"	XO	+50/-50 PSF	NON-IMPACT

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GLAZING DETAIL 1

- GLAZING NOTES:
- GLASS TYPE & THICKNESS 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.
 - D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN GLASS CHARTS.

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PH: (888)-741-0354

TITLE:
70 SERIES/V3 SERIES/(5800)
GLIDING PATIO DOOR

GENERAL NOTES & GLAZING DETAIL

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT., SUITE 2-15

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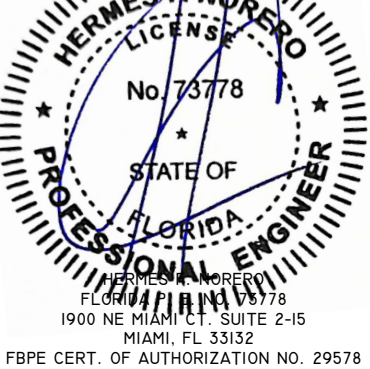
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REMARKS	BY	DATE
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8th FBC EDITION	LH	09/23
Current FBC & EC24-100	LH	01/25
ANCHOR LAYOUT UPDATE	LH	10/25

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.10.30 18:26:04 -0400



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FL #:
FL 14998

DATE: **09.28.17**

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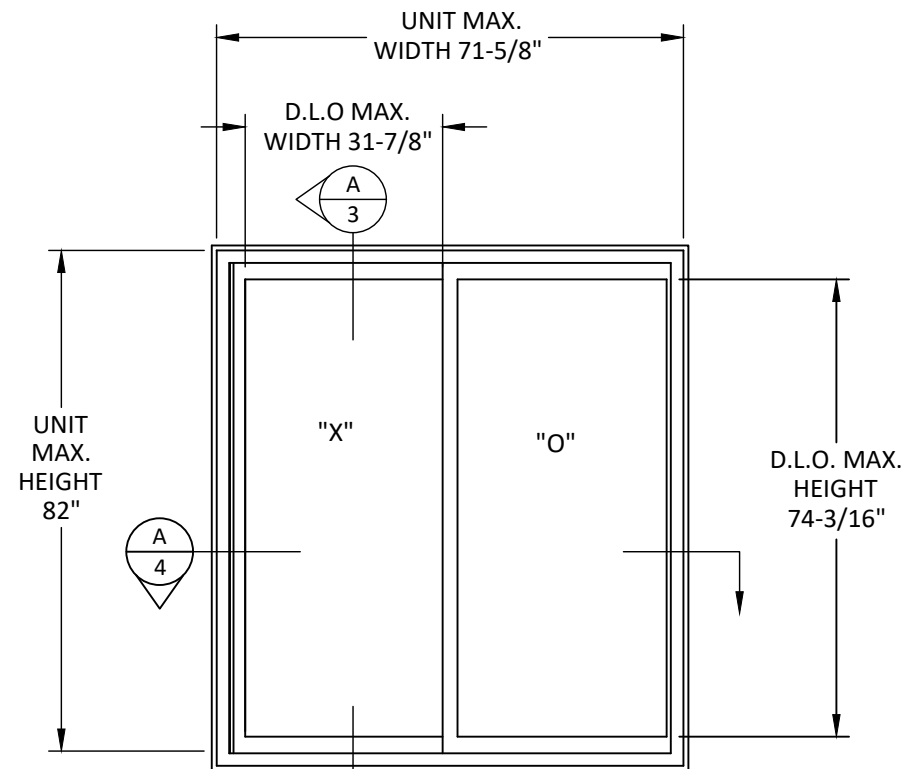
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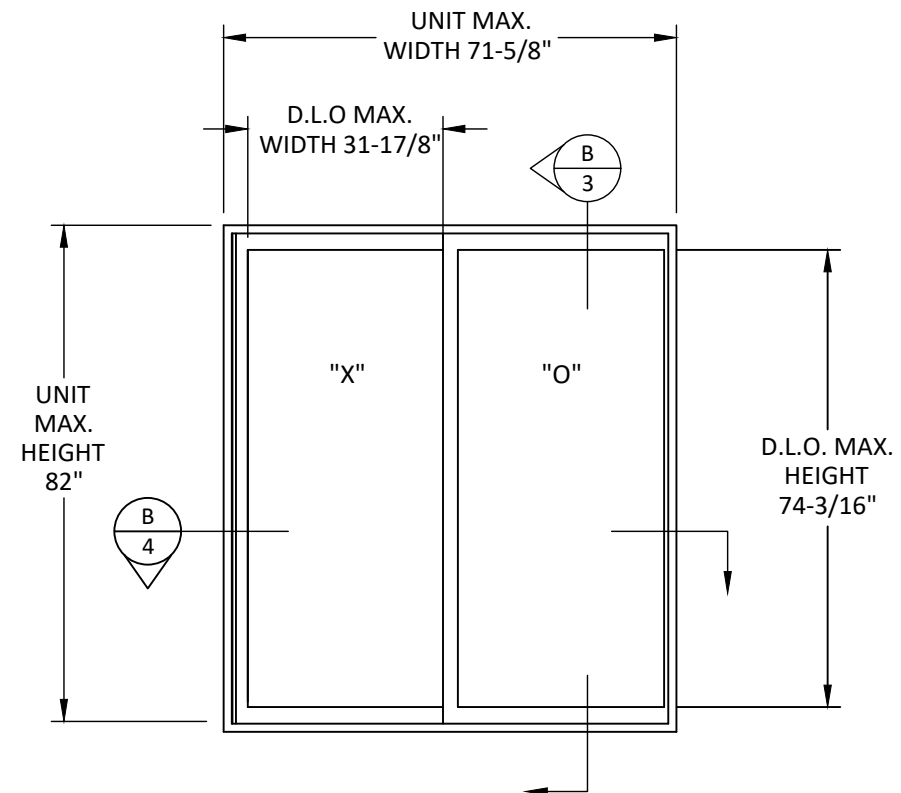
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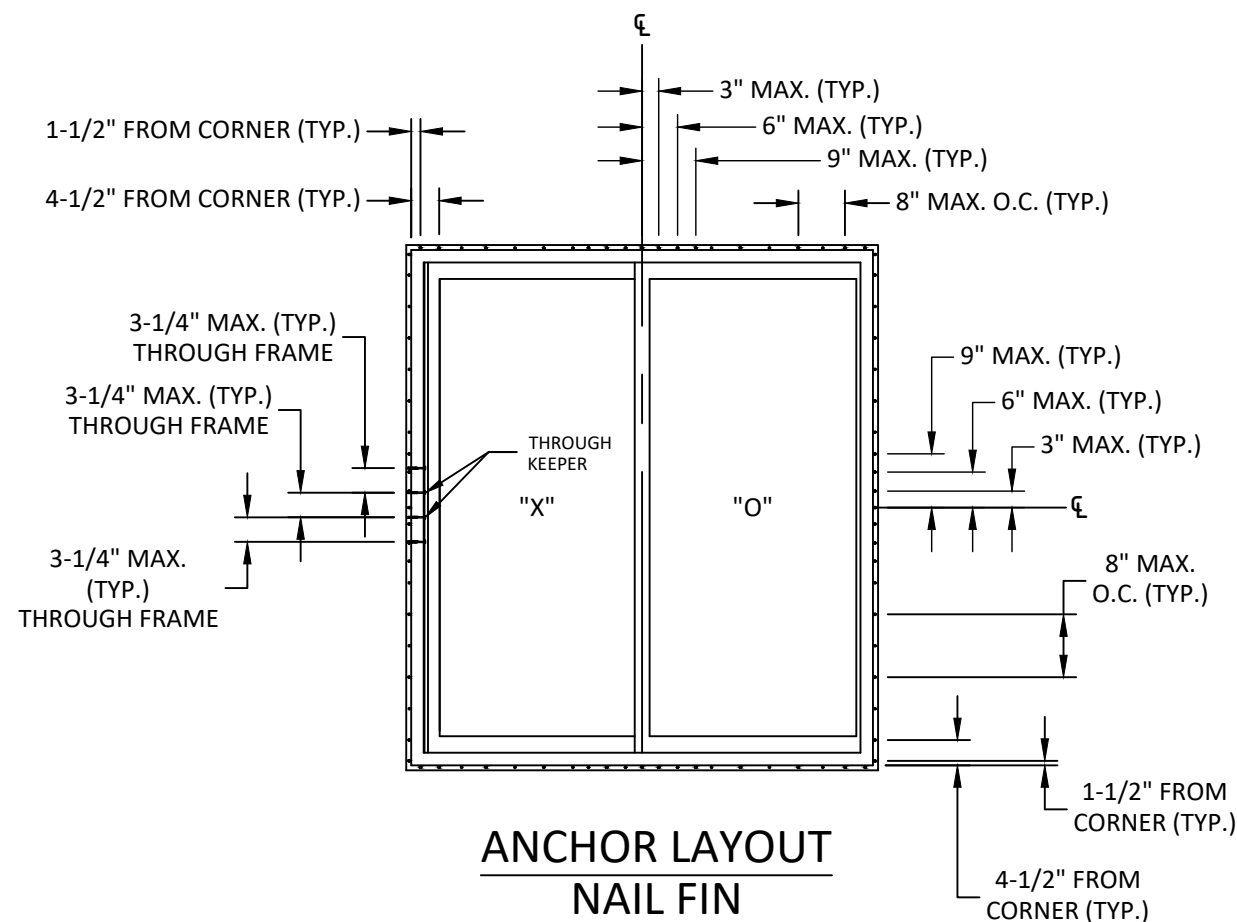
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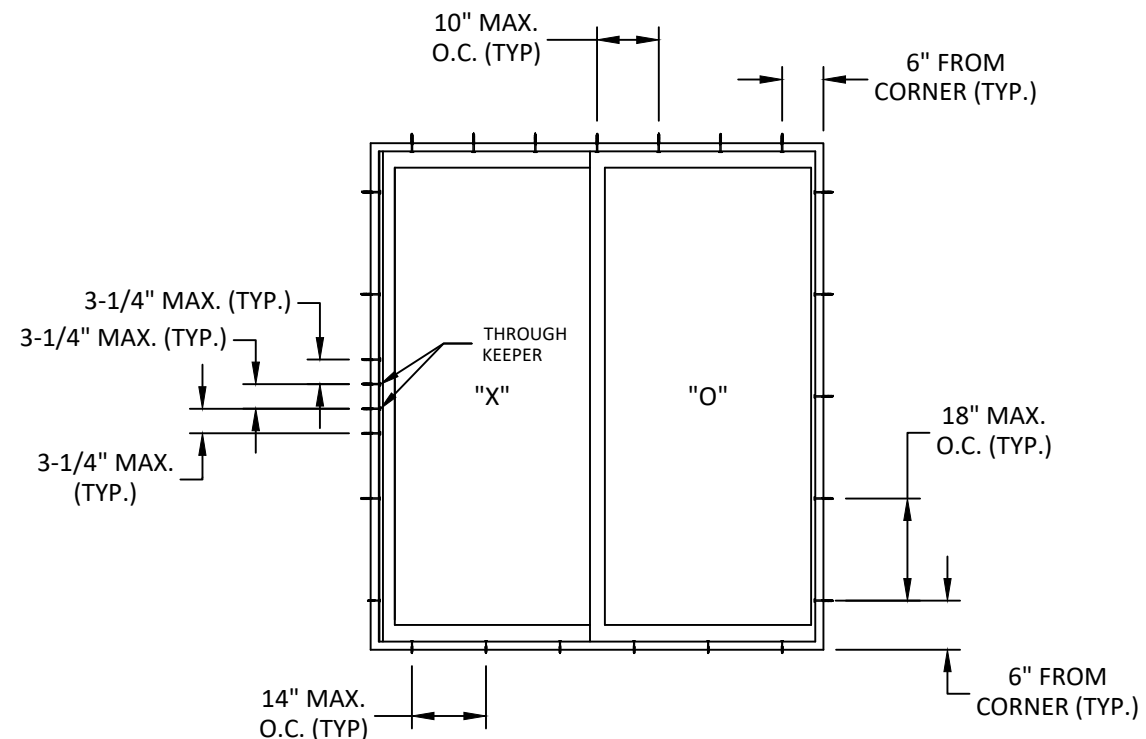
ELEVATION



ELEVATION



ANCHOR LAYOUT
NAIL FIN



ANCHOR LAYOUT
THROUGH FRAME

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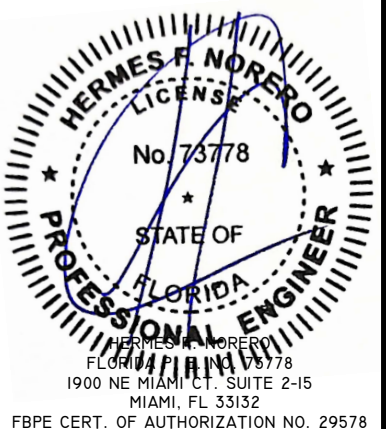
ELEVATIONS & ANCHOR LAYOUTS

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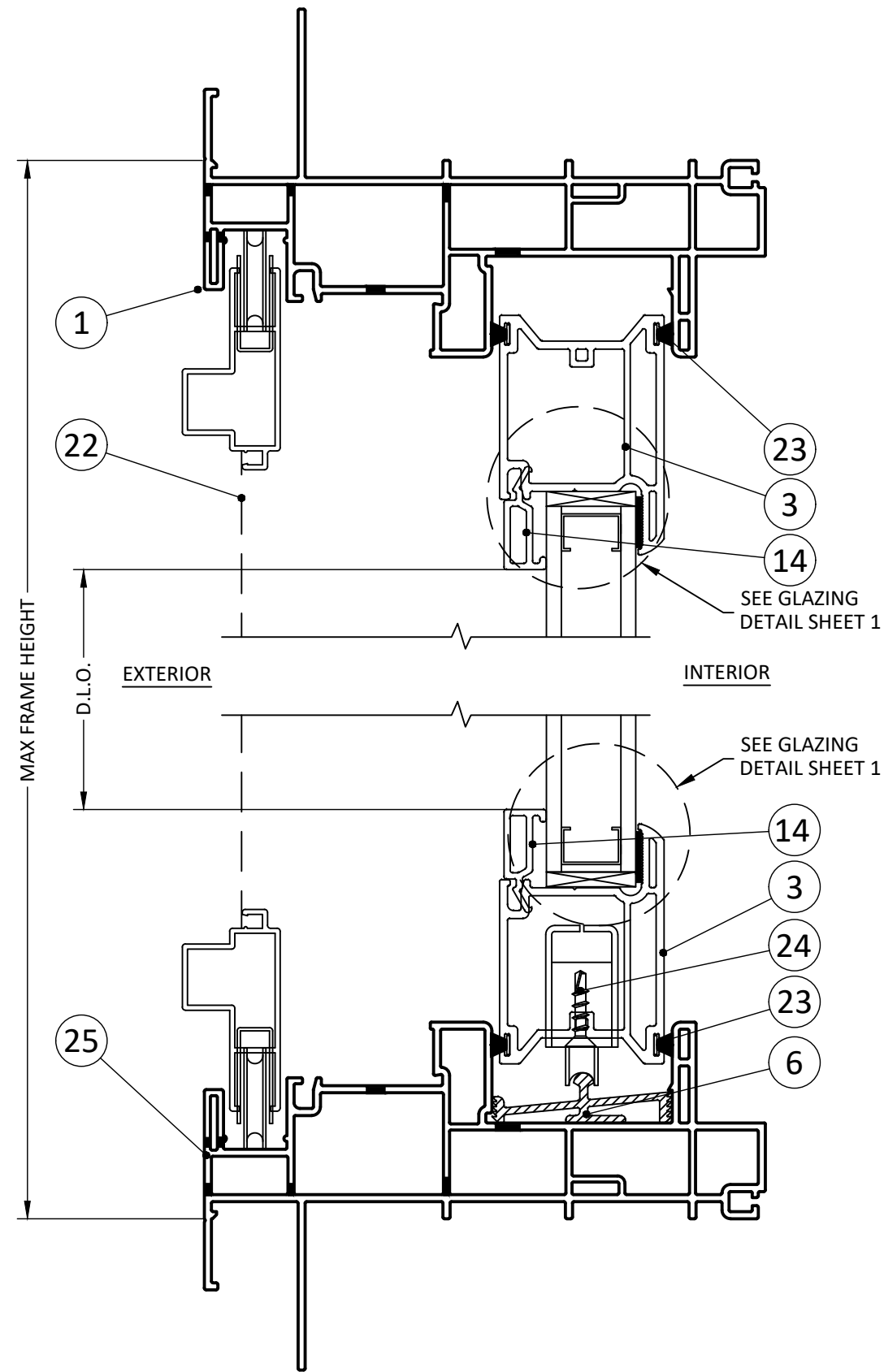
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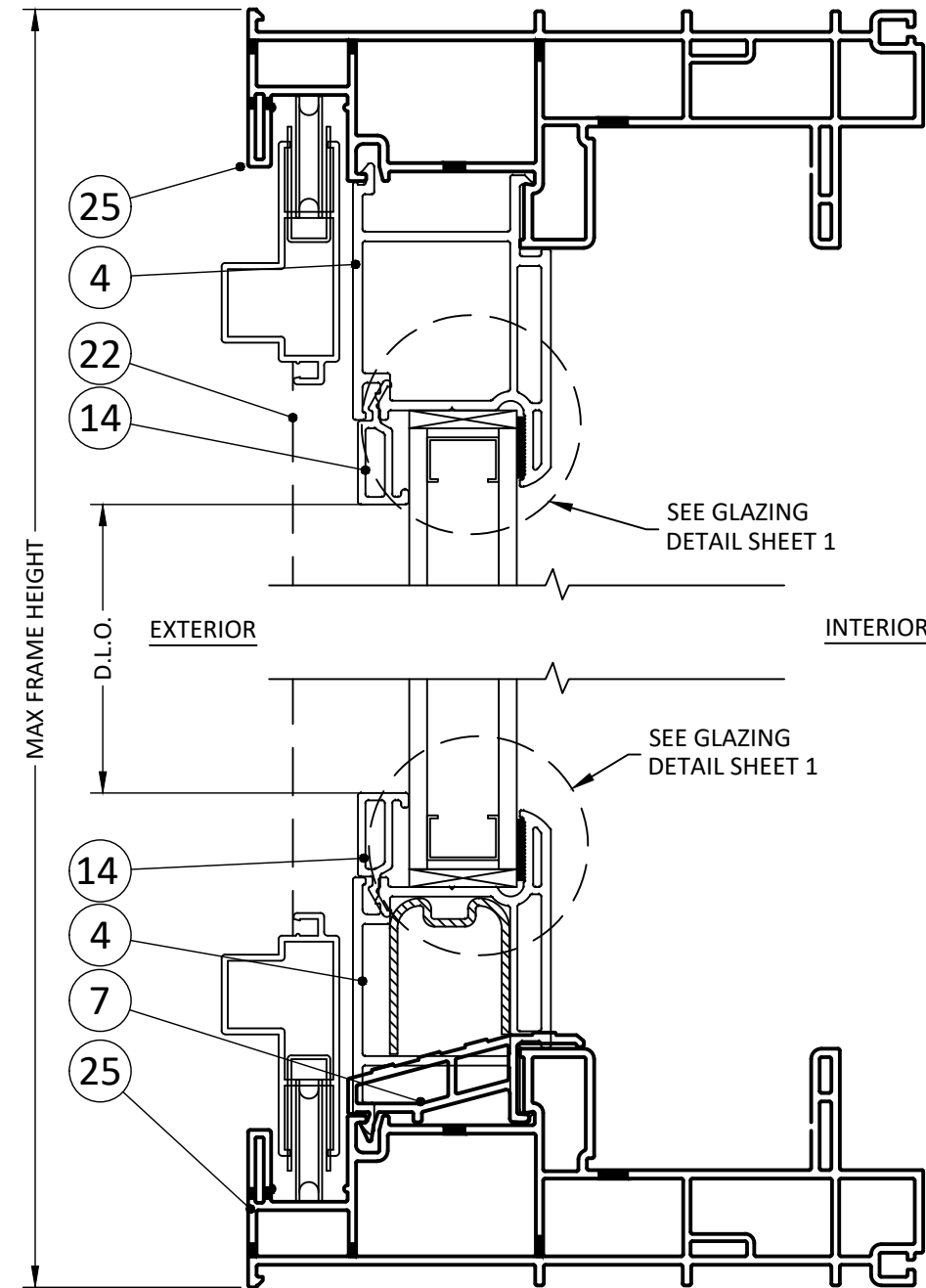
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A
3 VERTICAL SECTION
NAIL FIN



B
3 VERTICAL SECTION
THROUGH FRAME

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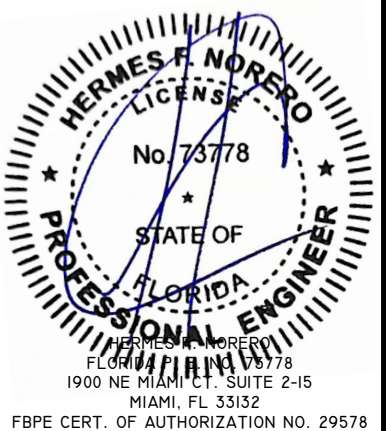
VERTICAL SECTIONS

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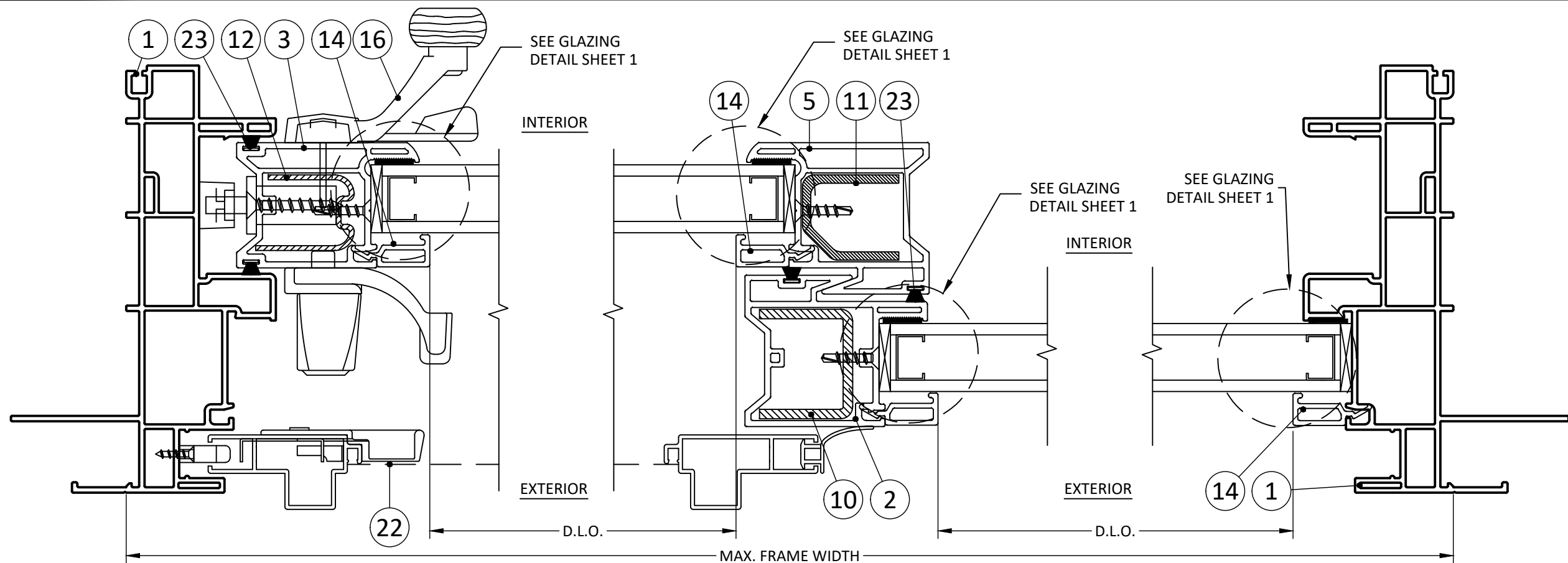
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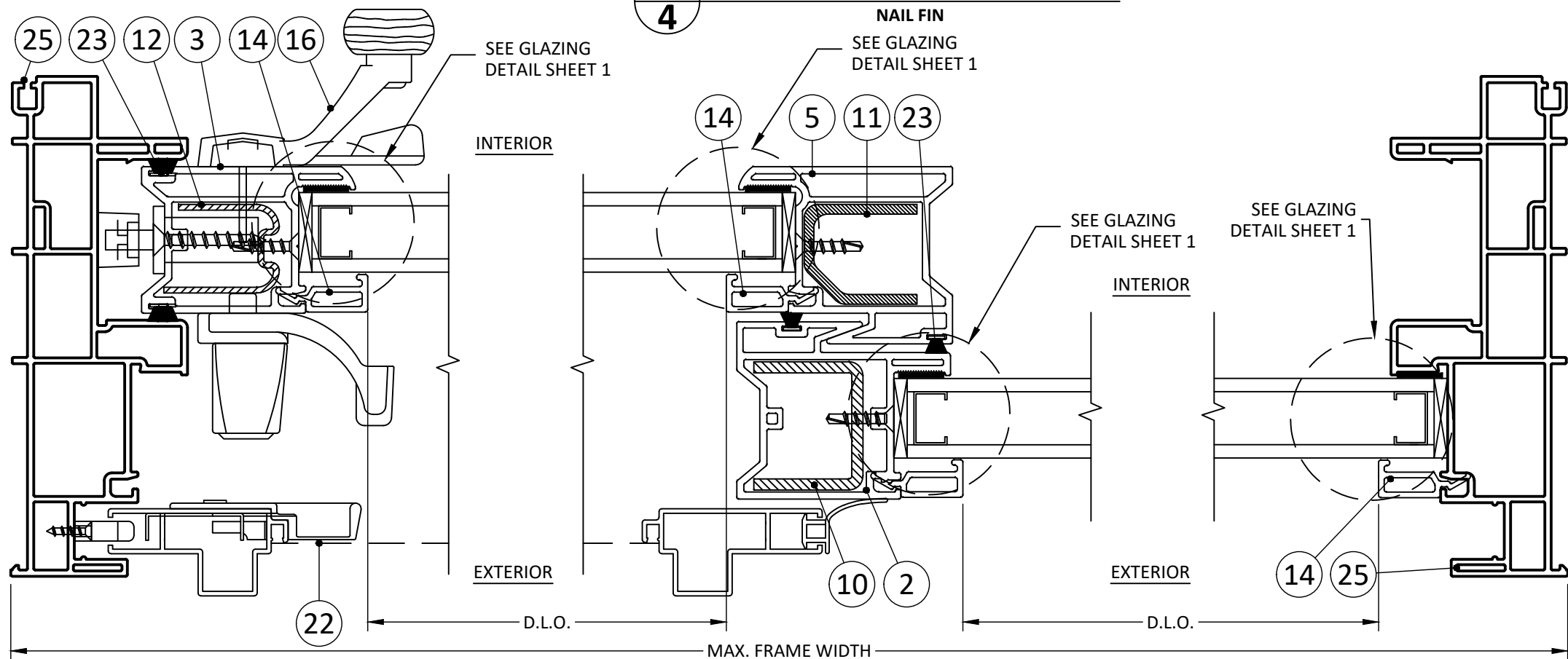
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A
4 **HORIZONTAL SECTION**
NAIL FIN



B
4 **HORIZONTAL SECTION**
THROUGH FRAME

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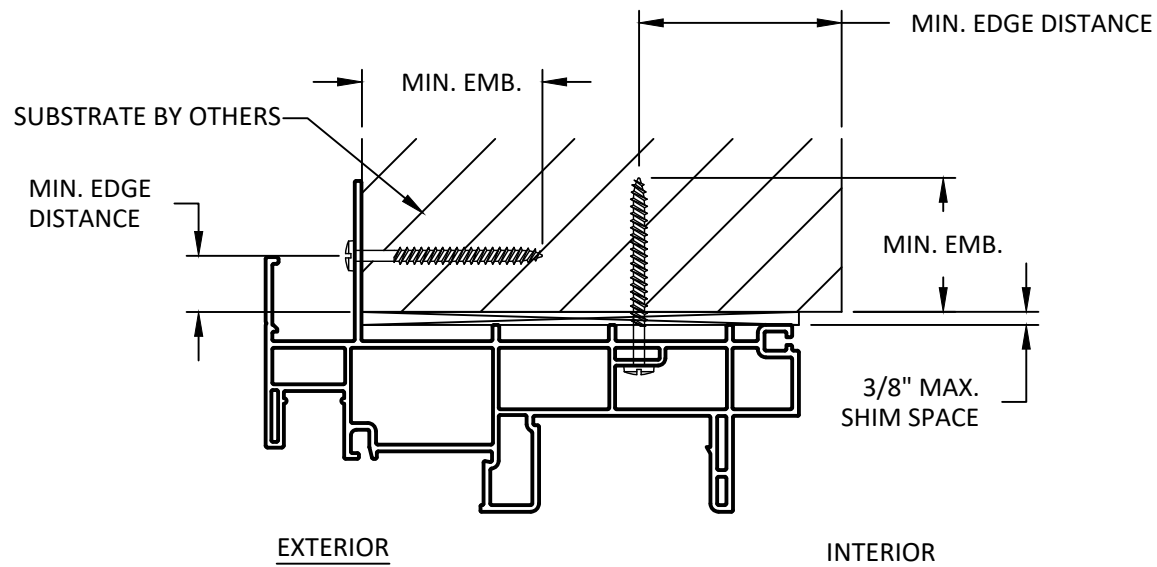
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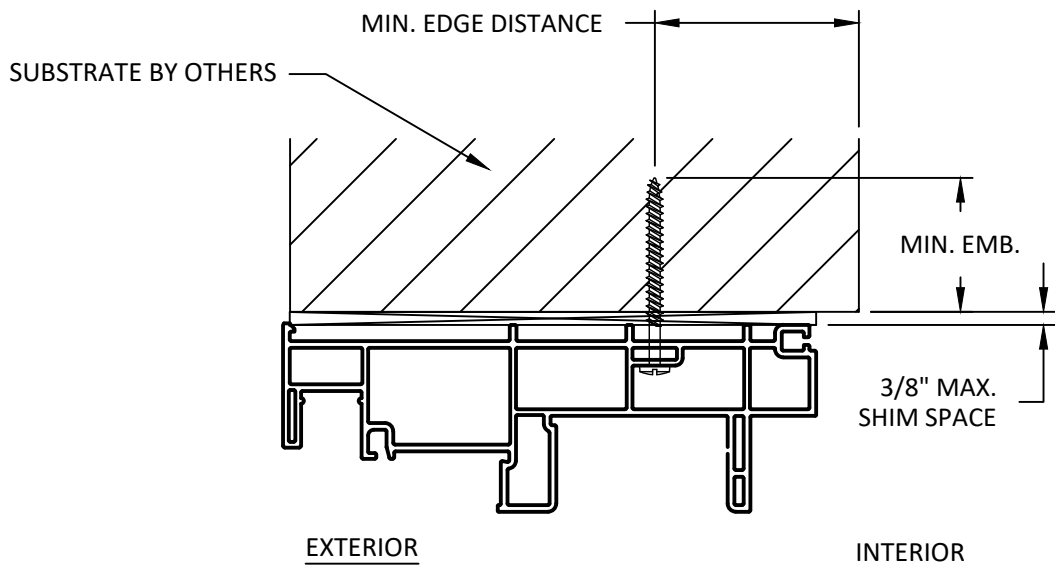
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A
5 **ANCHOR DETAIL**
NAIL FIN (HEAD)

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 3/8". SHIM WHERE SPACE OF 1/16" 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	#14 WOOD SCREW	1-1/2"	3/4"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#14 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"
	CONCRETE: f'c=2000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
	MASONRY: CMU per ASTM C90	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"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"

NOTE: ALL SCREWS SHALL BE PAN, TRUSS OR HEX WASHER HEAD.

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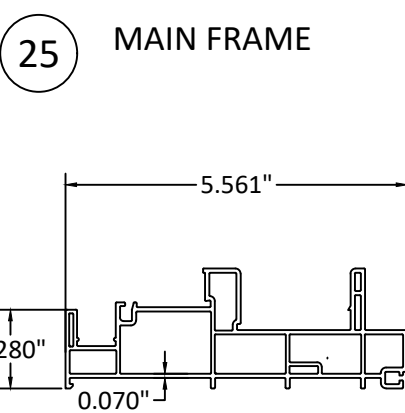
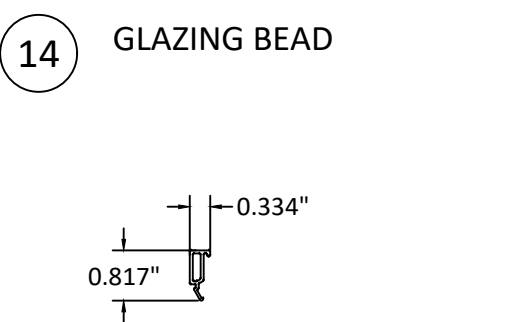
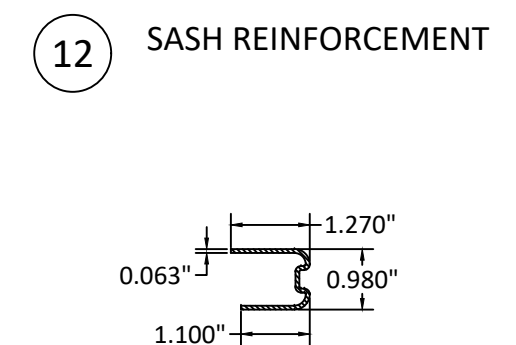
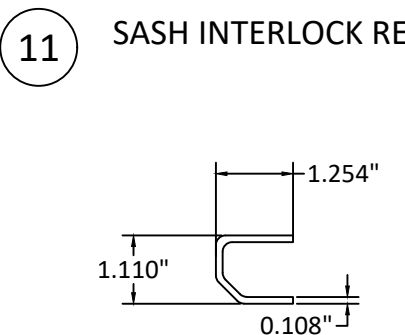
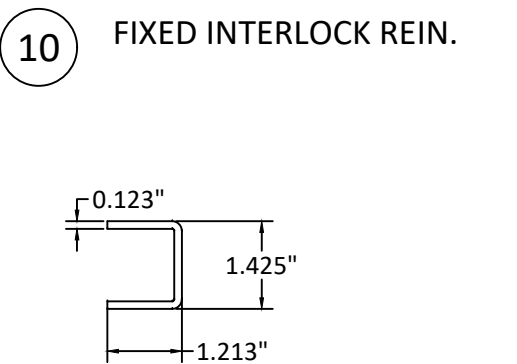
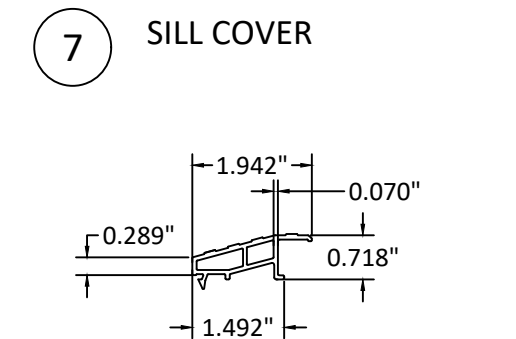
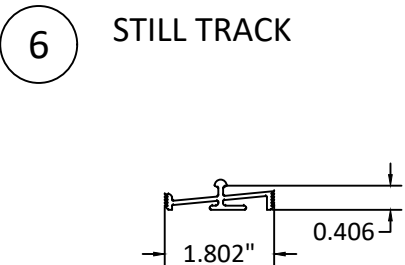
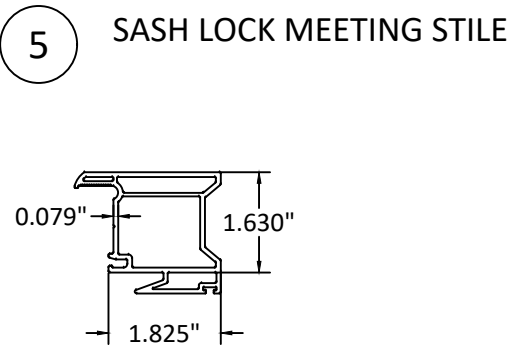
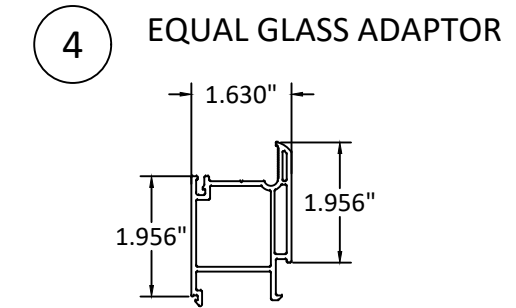
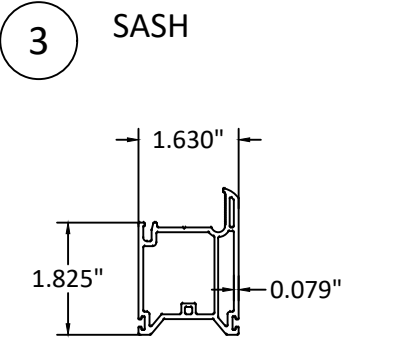
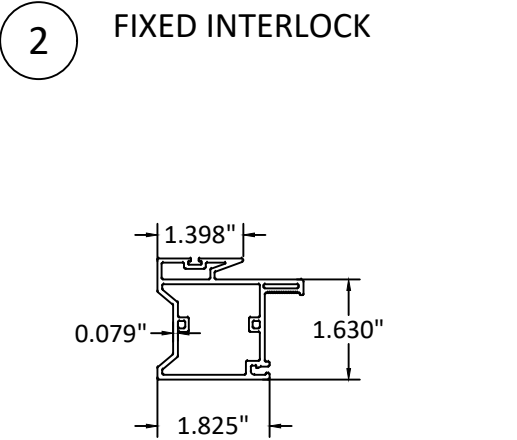
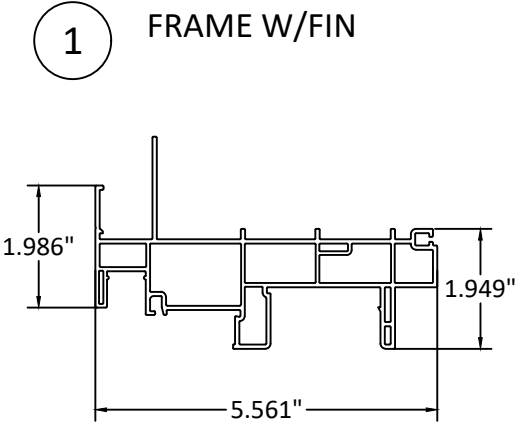
DWG. #: **SWD041**

SHEET:

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OF 6

BILL OF MATERIALS			
NO.	PART NUMBER	DESCRIPTION	MATERIAL
1	#5851	FRAME W/FIN	PVC
2	#5807	FIXED INTERLOCK	PVC
3	#5804	SASH	PVC
4	#5811	EQUAL GLASS ADAPTOR	PVC
5	#5508	SASH LOCK MEETING STILE	PVC
6	#5824	STILL TRACK	ALUMINUM
7	#5822	SILL COVER	PVC
10	#5836	FIXED INTERLOCK REINFORCEMENT	STEEL
11	#5835	SASH INTERLOCK REINFORCEMENT	STEEL
12	#5816	SASH REINFORCEMENT	STEEL
13	-	GLAZING SPACER STEEL INTERCEPT	ALUMINUM
14	#5817	GLAZING BEAD	PVC
16	#2468-84	SASH CONTROL DUAL POINT LOCK	STEEL
17	-	GLAZING COMPOUND	SILICONE
22	-	DOOR SCREEN	-
23	-	WEATHERSTRIP PILE (ULTRAFAB)	-
24	-	ROLLER ASSMBLY	-
25	#5852	FRAME	PVC



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