

AMERICAN CRAFTSMAN WINDOWS SILVER LINE WINDOWS AND DOORS

70 SERIES / V3 SERIES / (8700) GLIDING WINDOWS (NON-IMPACT) (NON-HVHZ)

GENERAL NOTES:

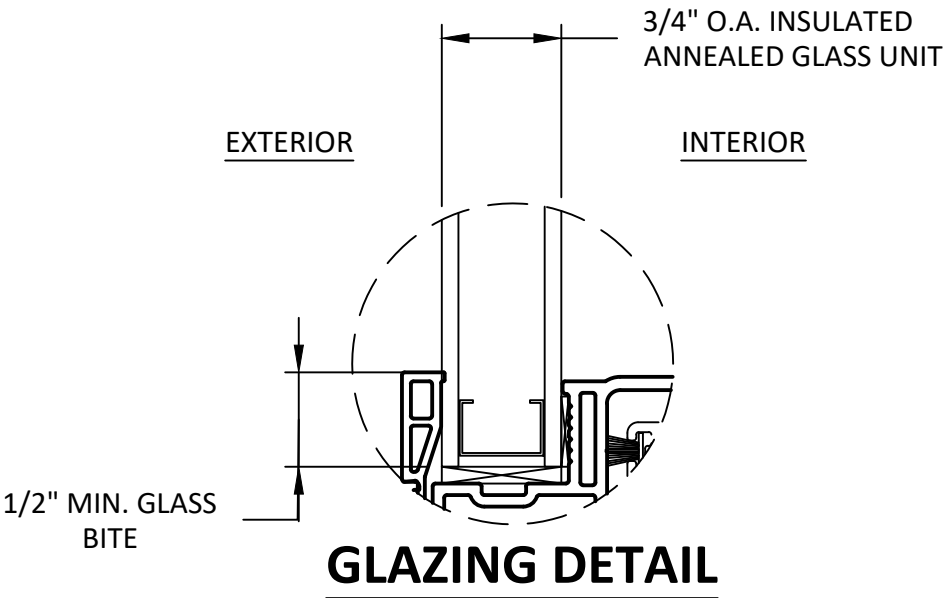
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING 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.
- 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 E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

DESIGN PRESSURE TABLE				
MODEL	SIZE	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
8700	73" X 50"	XX	+25/-25 PSF	NON-IMPACT
8700	73" X 63"	XO	+50/-50 PSF	NON-IMPACT
8700	73" X 63"	XX	+20/-20 PSF	NON-IMPACT
8700	86" X 66"	XX	+15/-15 PSF	NON-IMPACT
8700	86" X 36"	XX	+15/-15 PSF	NON-IMPACT
8700	73" X 48"	XX	+40/-40 PSF	NON-IMPACT
8700	73" X 36"	XX	+40/-40 PSF	NON-IMPACT
8700FIN	73" X 36"	XX	+40/-40 PSF	NON-IMPACT
8700FIN	72" X 48"	XX	+35/-35 PSF	NON-IMPACT
8700FIN	73" X 60"	XX	+15/-15 PSF	NON-IMPACT

NOTE:

- STRAP ANCHOR TO BE USED ONLY FOR CONFIGURATIONS WITH +/-50 PSF

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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.

AMERICAN CRAFTSMAN WINDOWS
SILVER LINE WINDOWS AND DOORS

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

TITLE:
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GLIDING WINDOWS

GENERAL NOTES & GLAZING DETAIL

PREPARED BY:

BUILDING DROPS, INC.

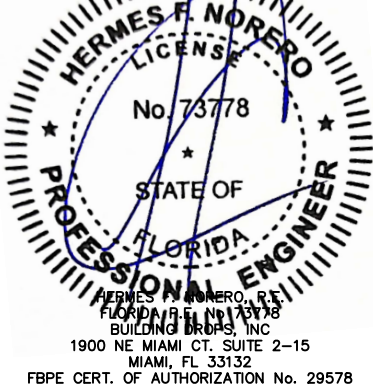
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
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REMARKS	BY	DATE
6TH FBC EDITION	FM	10/17
7TH FBC EDITION	LH	10/20
8th FBC EDITION	LH	09/23
Current FBC & EC24-100	LH	02/25

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.03.31 15:43:47 -0400'

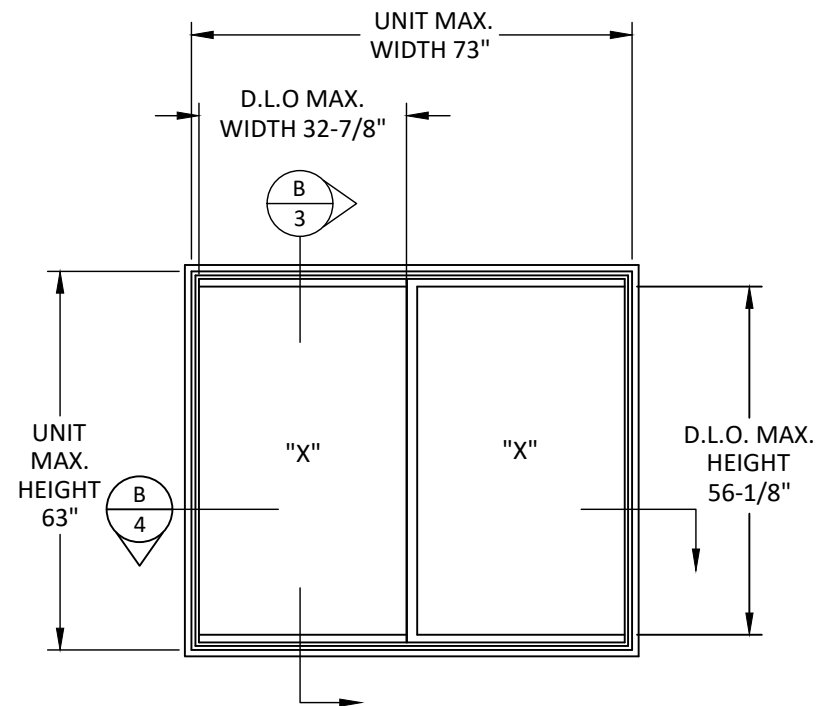


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SCALE:		NTS
DWG. #:		SWD028

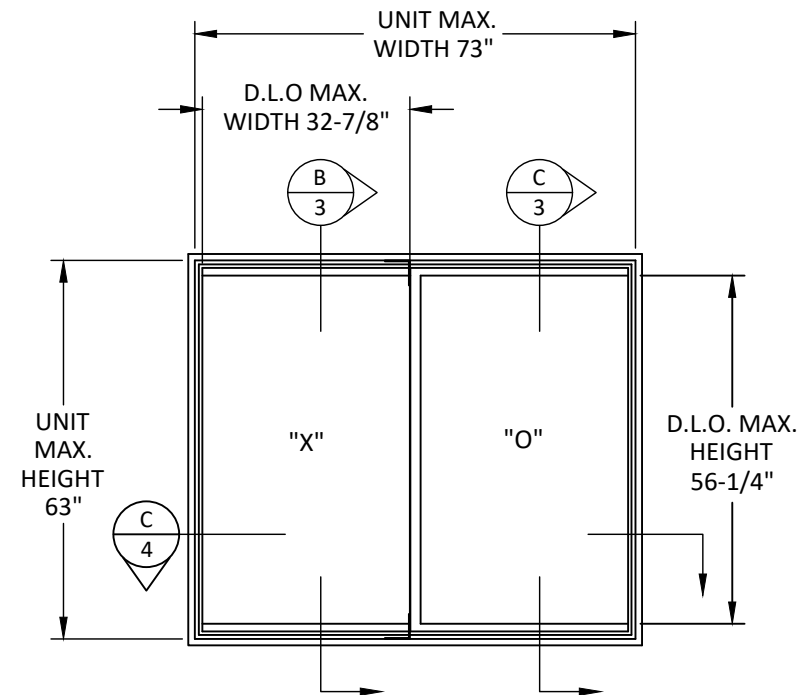
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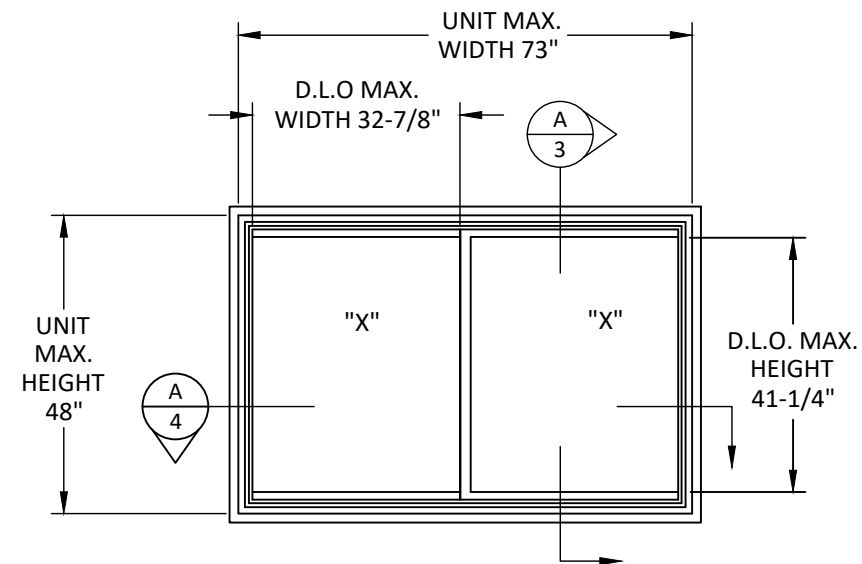
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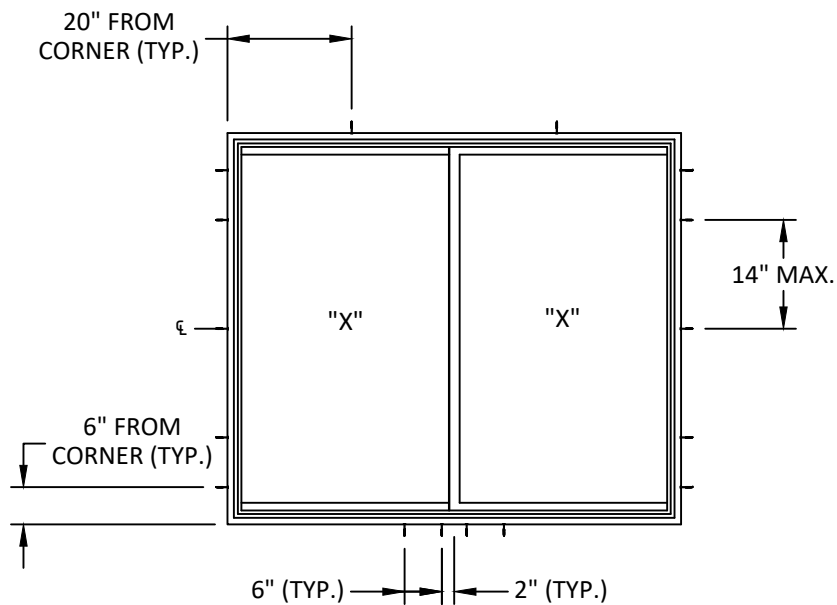
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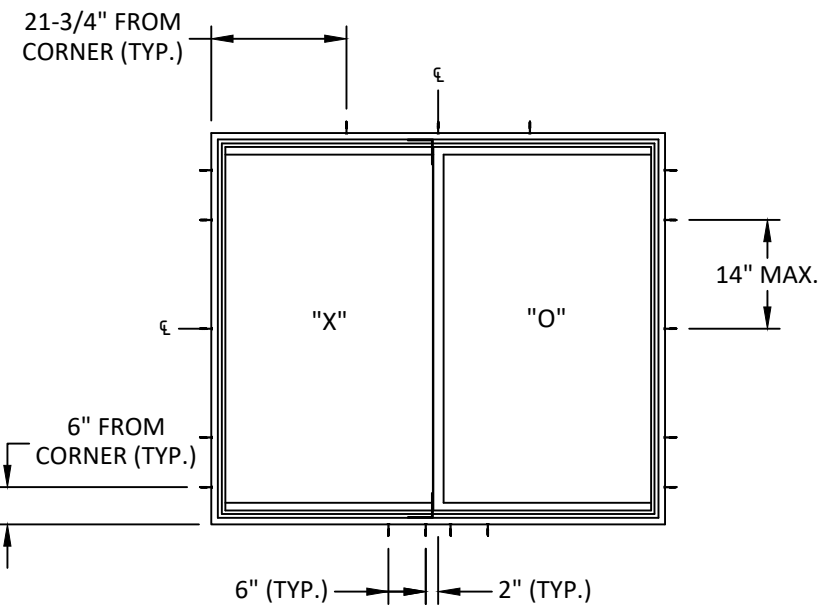
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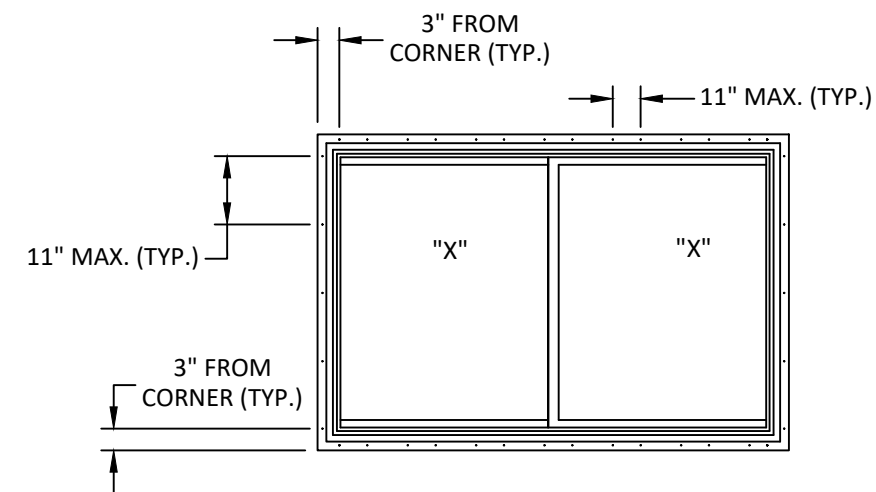
ELEVATION



ANCHOR LAYOUT
THROUGH FRAME



ANCHOR LAYOUT
THROUGH FRAME



ANCHOR LAYOUT
NAIL FIN

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ELEVATIONS & ANCHOR LAYOUTS

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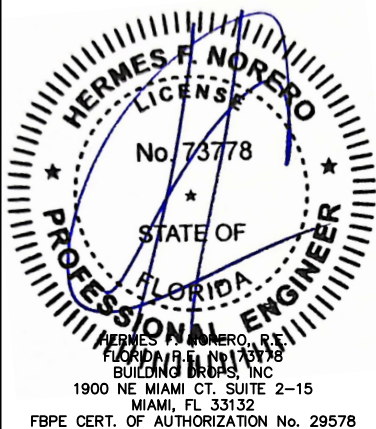
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DWG. #:	SWD028
SHEET:	2

TITLE:
70 SERIES / V3 SERIES / (8700)
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VERTICAL SECTIONS

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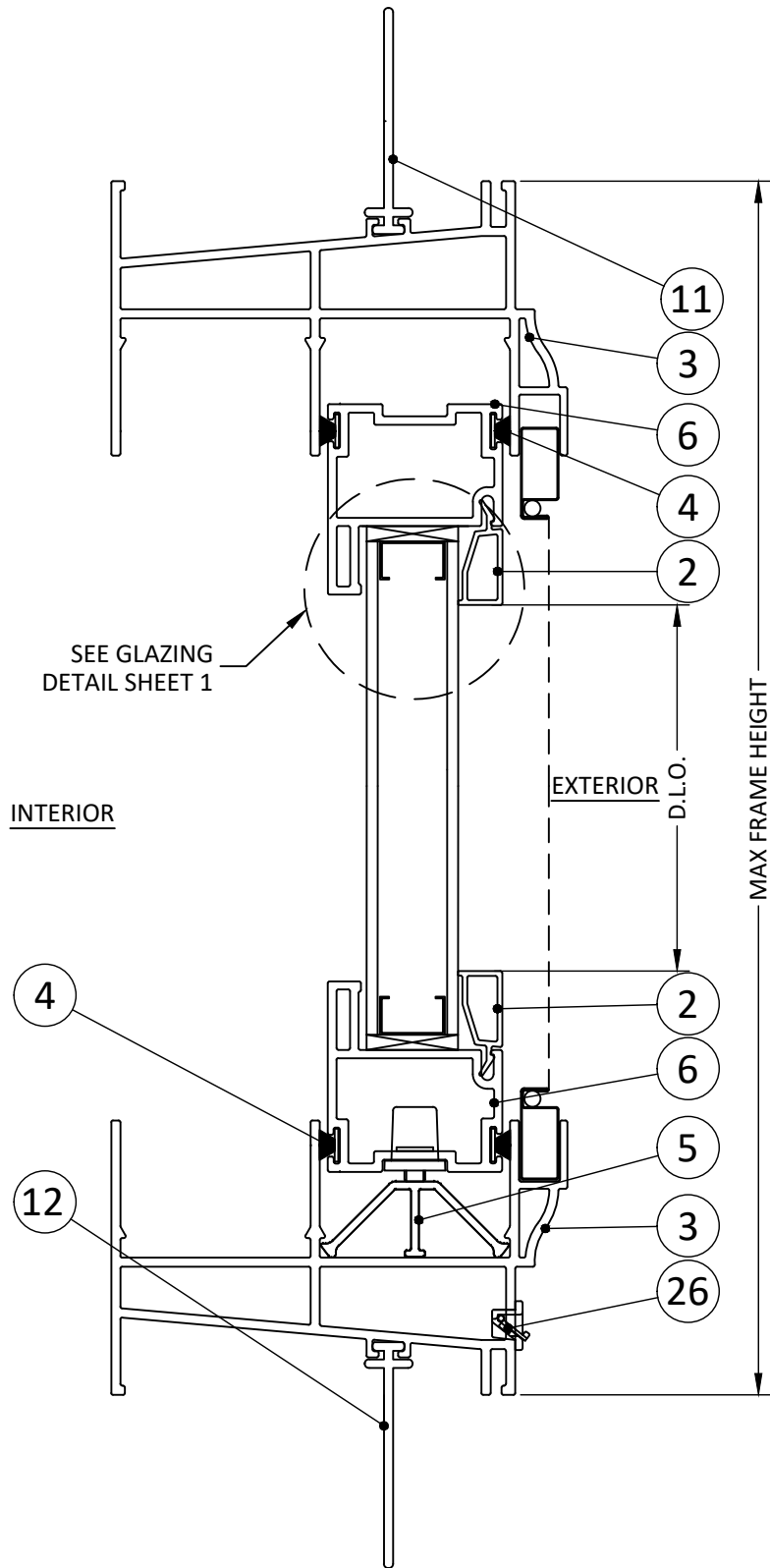
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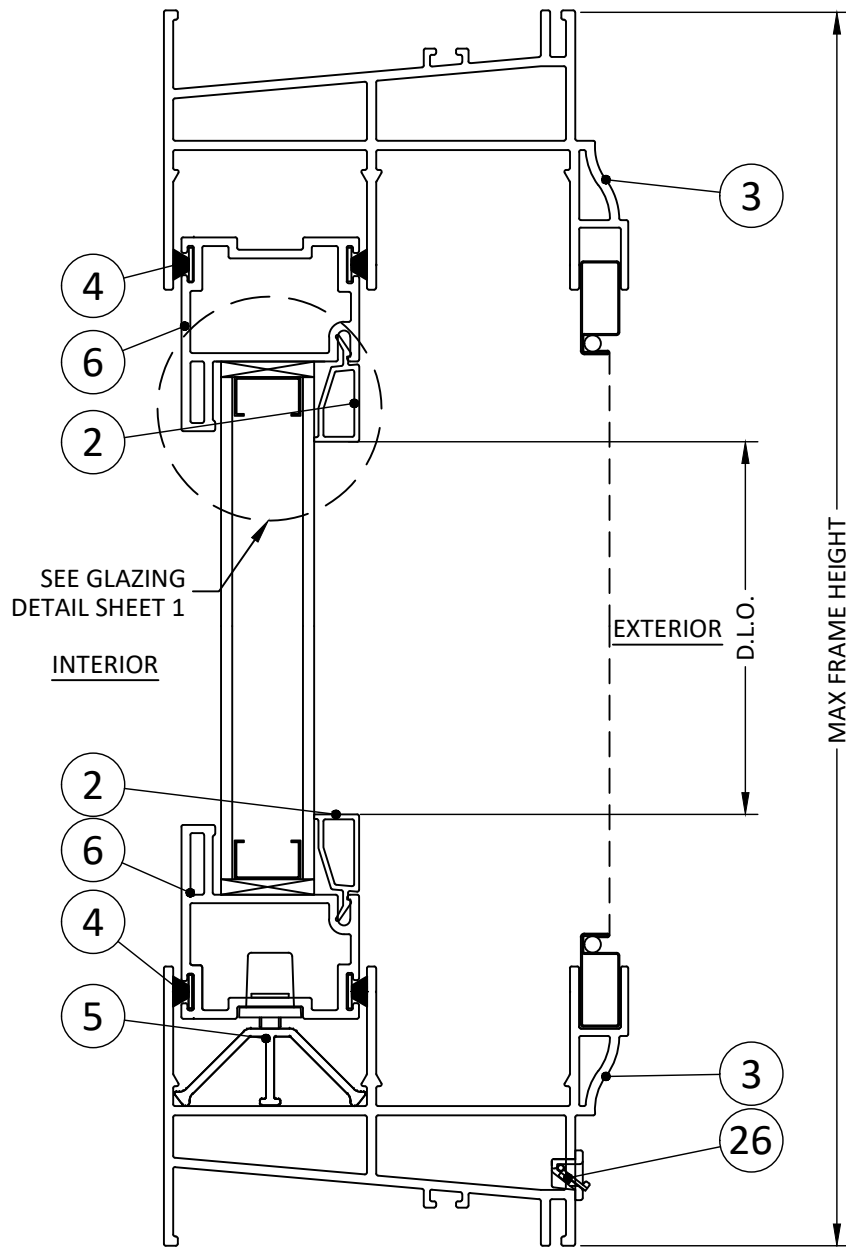
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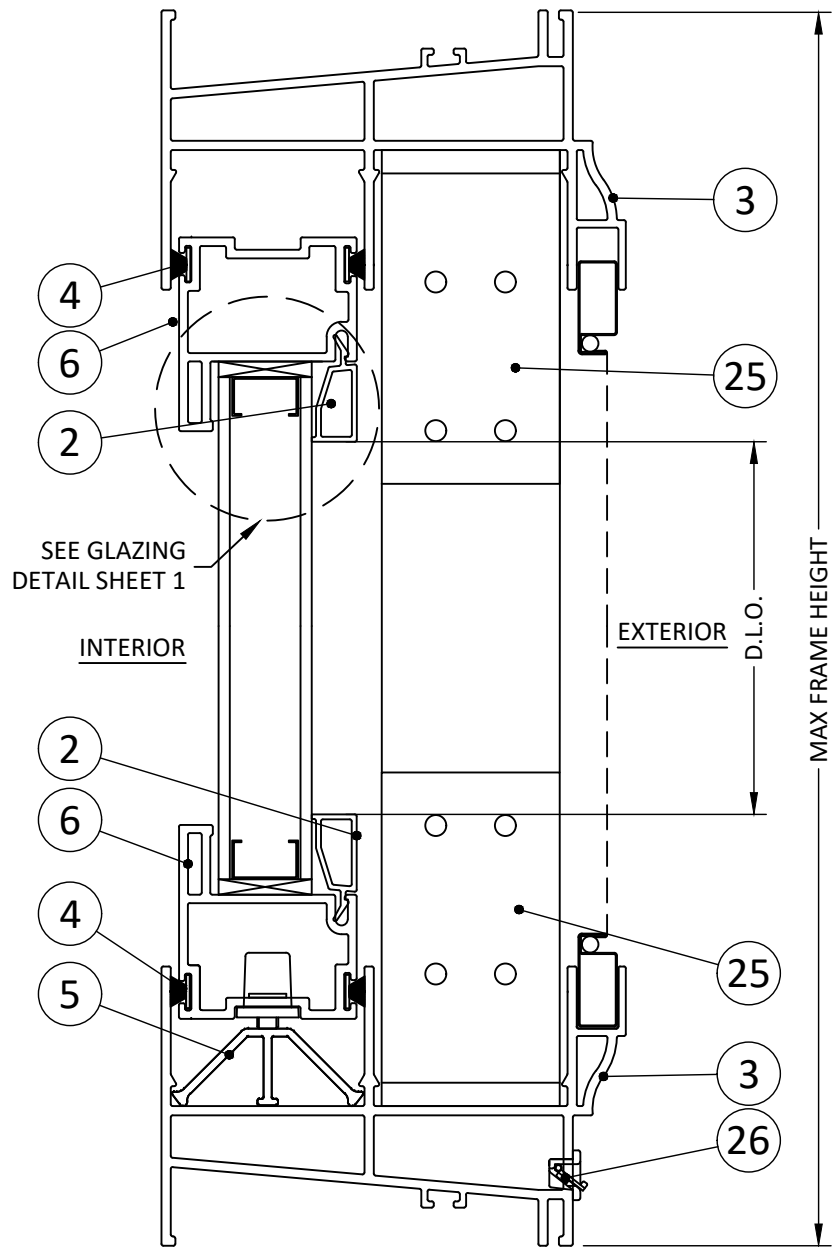
OF 6



A
3 VERTICAL SECTION
NAIL FIN



B
3 VERTICAL SECTION



C
3 VERTICAL SECTION

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VERTICAL SECT. AND GLAZING DETAILS

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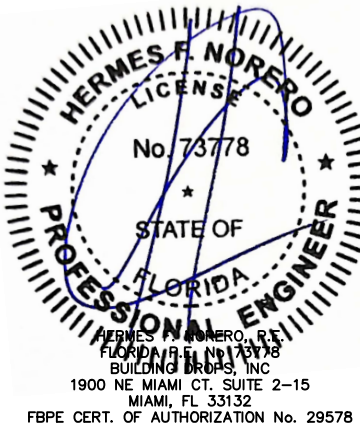
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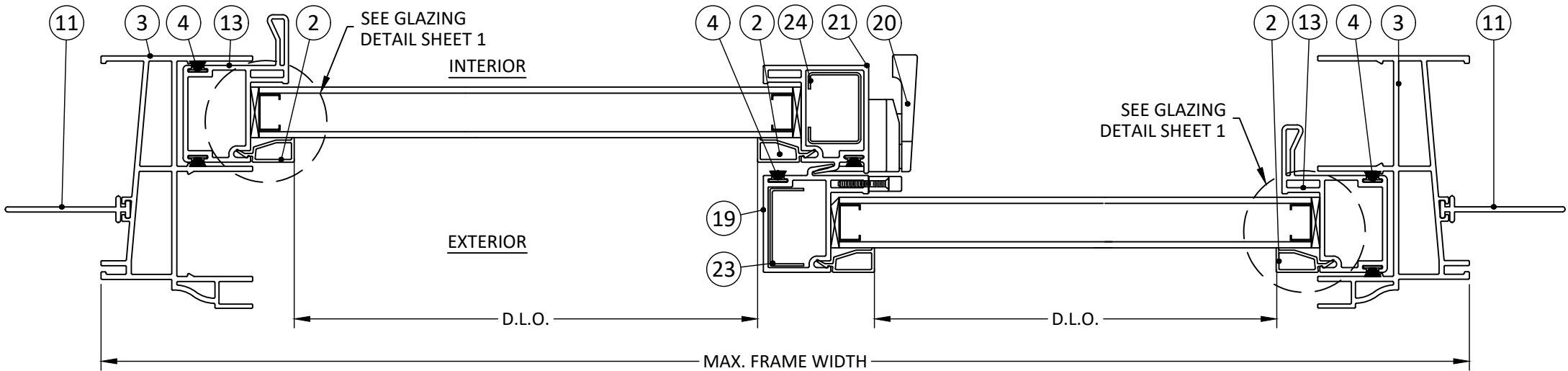


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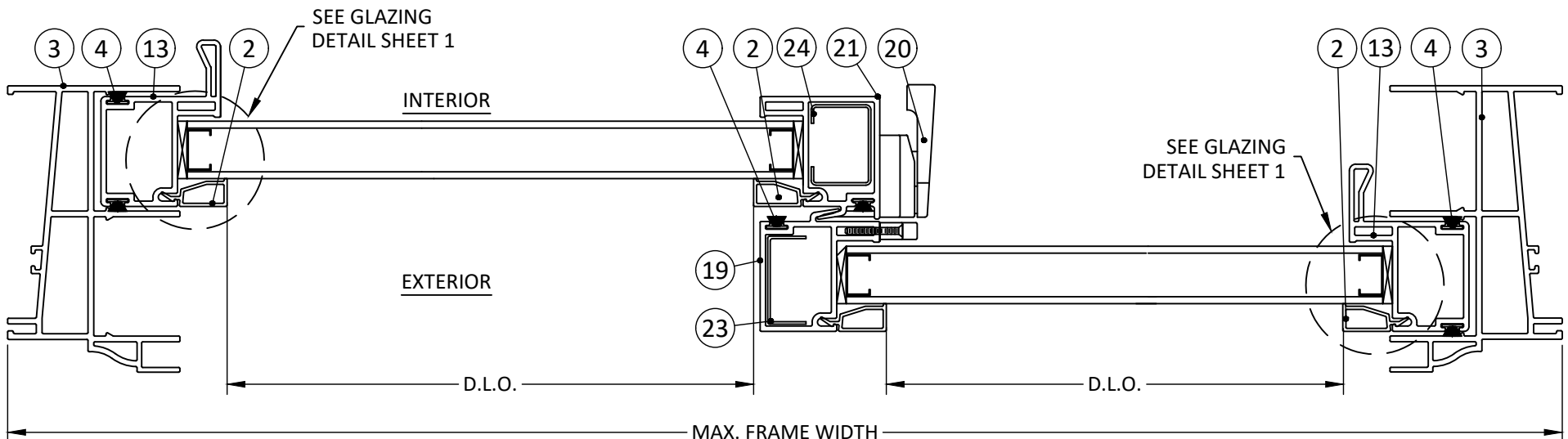
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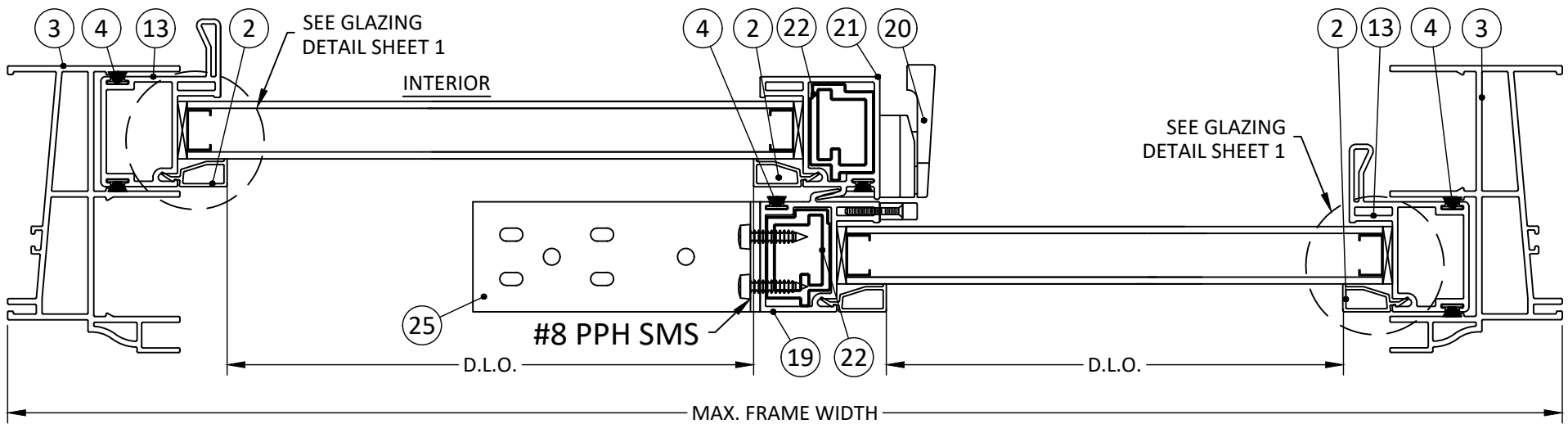
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SHEET:	4



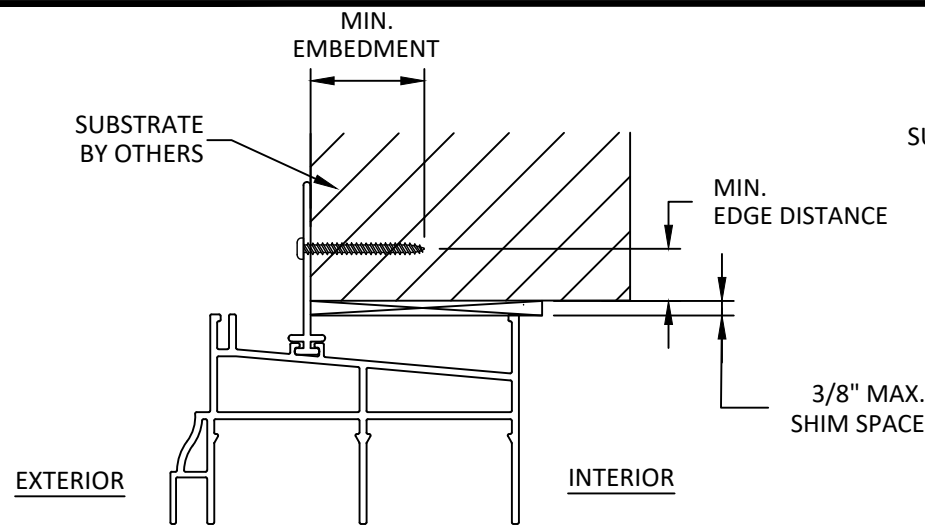
A
4 HORIZONTAL SECTION



B
4 HORIZONTAL SECTION

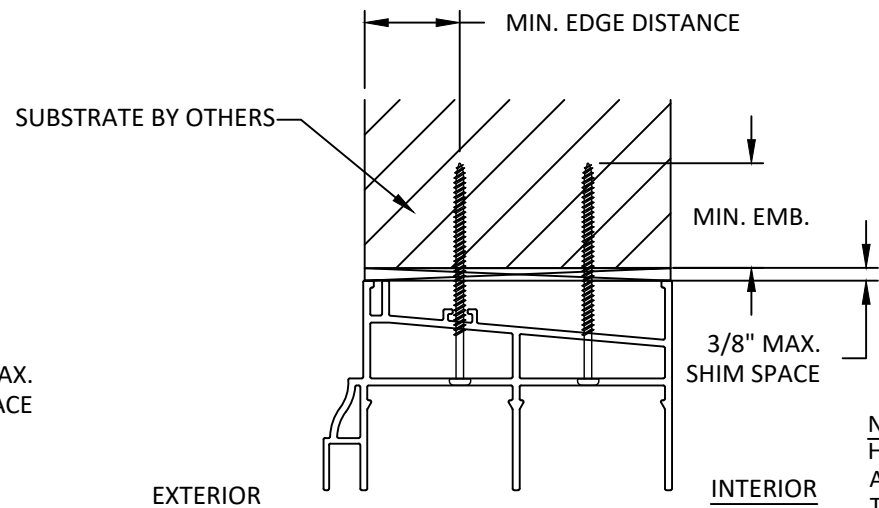


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4 HORIZONTAL SECTION

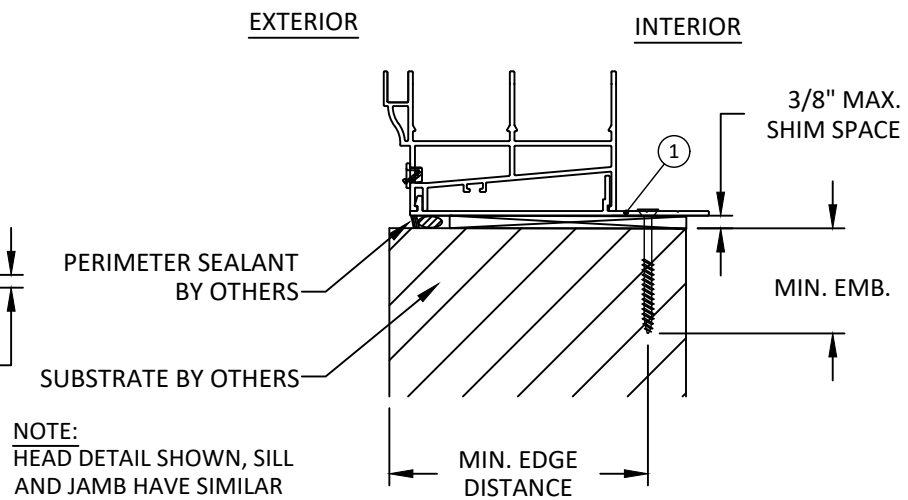


A
5 **ANCHOR DETAIL**
NAIL FIN (HEAD)

NOTE:
HEAD DETAIL SHOWN, SILL AND JAMB
HAVE SIMILAR THROUGH FRAME
ANCHOR DETAILS.



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

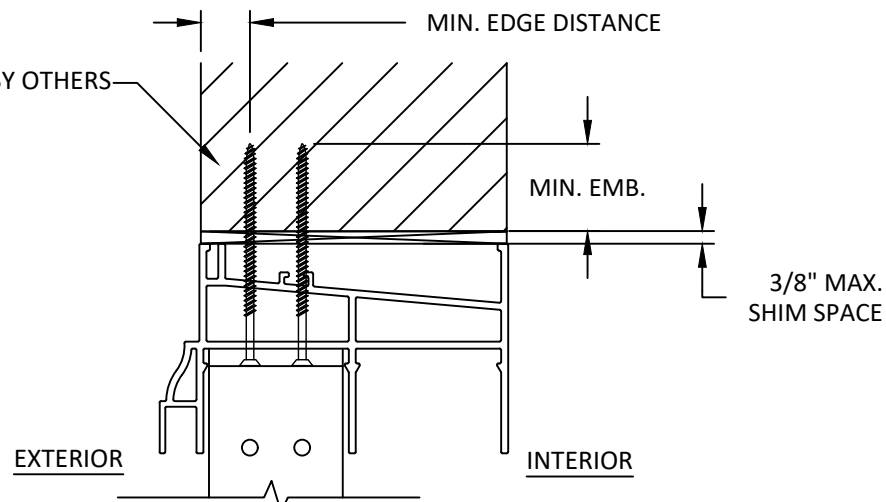


C
5 **ANCHOR DETAIL**
STRAP ANCHOR (SILL)

NOTE:
STRAP ANCHOR TO BE USED ONLY
FOR CONFIGURATIONS WITH DP
50 RATING

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED PER LOCATION, UNLESS OTHERWISE STATED ON SHEET 5.
- 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.
- FOR MASONRY OR CONCRETE OPENINGS, 1X WOOD BUCK MAY BE USED (OPTIONAL AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- 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.



D
5 **ANCHOR DETAIL**
WINDOW LOCK (HEAD)

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"
	METAL: 18 GAUGE STEEL, MIN. Fy=33KSI	#14 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"
	CONCRETE: f _c = 3000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
	MASONRY: CMU per ASTM C90 f _c = 2000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
STRAP ANCHOR	WOOD: MIN. SG = 0.55	#10 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 = 3000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
	MASONRY: CMU per ASTM C90 f _c = 2000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
WINDOW LOCK	WOOD: MIN. SG = 0.55	#10 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 = 3000PSI	1/4" ITW TAPCON	1-3/4"	2-1/2"
	MASONRY: CMU per ASTM C90 f _c = 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"
	METAL: 18 GAUGE STEEL, MIN. Fy=33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"

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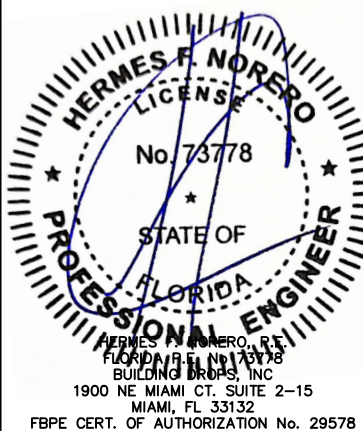
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SCALE: **NTS**

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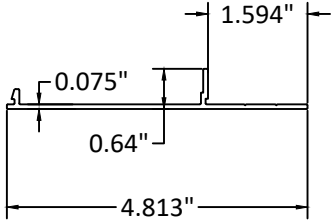
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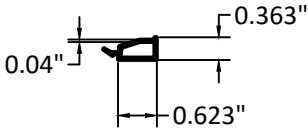
OF 6

BILL OF MATERIALS			
NO.	PART NUMBER	DESCRIPTION	MATERIAL
1	#8795	STRAP ANCHOR FOR +/-50 PSF ONLY	STEEL
2	#9517	GLAZING BEAD	PVC
3	#8701	MAIN FRAME	PVC
4	-	WEATHERSTRIP - FIN PILE	VINYL
5	#8722	SILL INSERT	PVC
6	#8704	SASH RAIL	PVC
11	#4019	NAILING FIN	PVC
12	#8548	NAILING FIN	6063-T6
13	#8706	PULL STILE	PVC
19	#8707	EXTERIOR MEETING STILE	6063-T6
20	-	SASH KEEPER LOCK	STEEL
21	#8708	INTERIOR MEETING STILE	PVC
22	#8766	SASH REINFORCEMENT	6063-T6
23	#8516	EXTERIOR MEETING STILE REINFORCEMENT	STEEL
24	#8761	INTERIOR MEETING STILE REINFORCEMENT	STEEL
25	-	WINDOW LOCK	PLASTIC
26	-	WEEP HOLE	-

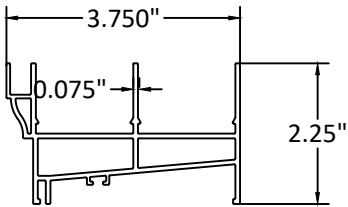
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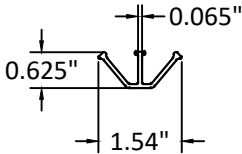
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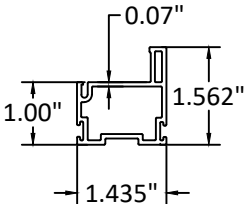
3 FRAME



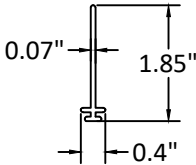
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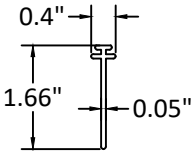
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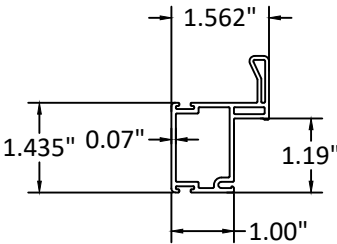
11 NAIL FIN



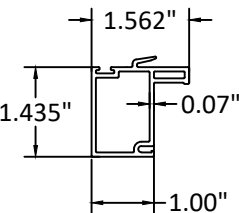
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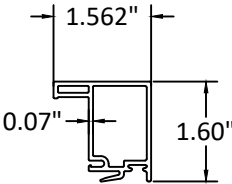
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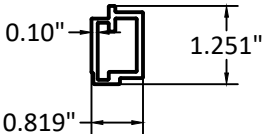
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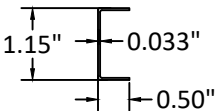
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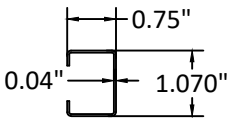
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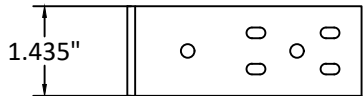
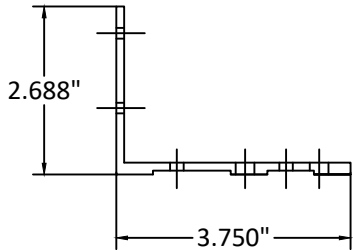
23 EXT. MEETING STILE REIN.



24 INT. MEETING STILE REIN.



25 WINDOW LOCK



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MIAMI, FL 33132

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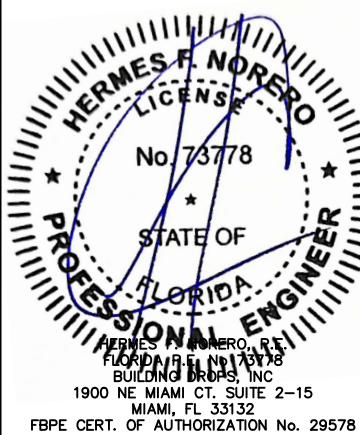
FAX: (954) 744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
6TH FBC EDITION	FM	10/17
7TH FBC EDITION	LH	10/20
8th FBC EDITION	LH	09/23
Current FBC & EC24-100	LH	02/25

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.



FL #:
FL 14994

DATE: **09.25.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **SWD028**

SHEET:

6

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