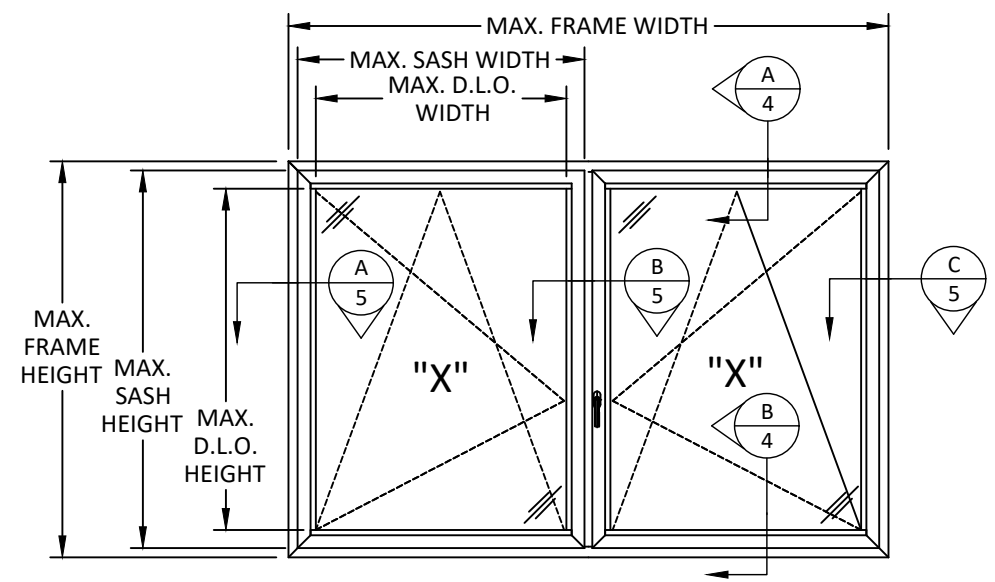


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ELEVATIONS

$$\text{SASH HEIGHT} = \text{FRAME HEIGHT} - 3.00"$$

$$\text{SASH WIDTH} = \frac{\text{FRAME WIDTH}}{2} - 2.12"$$

$$\text{D.L.O. HEIGHT} = \text{FRAME HEIGHT} - 8.96"$$

$$\text{D.L.O. WIDTH} = \frac{\text{FRAME WIDTH}}{2} - 8.00"$$

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
36	36	70.0	70.0
48		70.0	70.0
60		70.0	70.0
72		70.0	70.0
84		70.0	70.0
96		70.0	70.0
108		70.0	70.0
120		70.0	70.0
132		70.0	70.0
144		70.0	70.0
156	70.0	70.0	
168	70.0	70.0	
36	42	70.0	70.0
48		70.0	70.0
60		70.0	70.0
72		70.0	70.0
84		70.0	70.0
96		70.0	70.0
108		70.0	70.0
120		70.0	70.0
132	70.0	70.0	
144	70.0	70.0	
36	48	70.0	70.0
48		70.0	70.0
60		70.0	70.0
72		70.0	70.0
84		70.0	70.0
96		70.0	70.0
108		70.0	70.0
120		70.0	70.0
132	70.0	70.0	
144	70.0	70.0	
36	54	70.0	70.0
48		70.0	70.0
60		70.0	70.0
72		70.0	70.0
84		70.0	70.0
96		70.0	70.0
108		70.0	70.0
120		70.0	70.0
132	70.0	70.0	
144	70.0	70.0	
36	60	70.0	70.0
48		70.0	70.0
60		70.0	70.0
72		70.0	70.0
84		70.0	70.0
96		70.0	70.0
108		70.0	70.0
120		70.0	70.0
132	70.0	70.0	
144	70.0	70.0	
36	64.96	70.0	70.0
48		70.0	70.0
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72		70.0	70.0
84		70.0	70.0
98.438		70.0	70.0

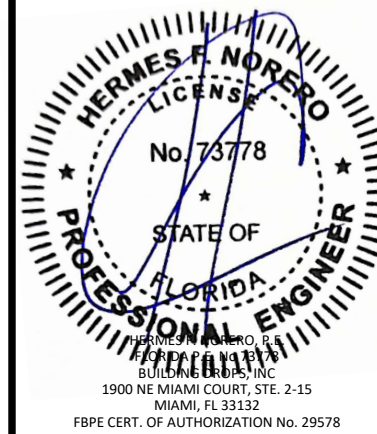


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TITLE: MB-79N SI
 DUAL TITL AND TURN WINDOW
 (HVHZ) (IMPACT)
 ELEVATIONS &
 DESIGN PRESSURE TABLES
PREPARED BY: BUILDING DROPS, INC.
 1900 NE MIAMI COURT, STE. 2-15
 MIAMI, FL 33132
 PH: (954) 399-8478
 FAX: (954) 744-4738
 WEB: www.buildingdrops.com

REMARKS	BY	DATE

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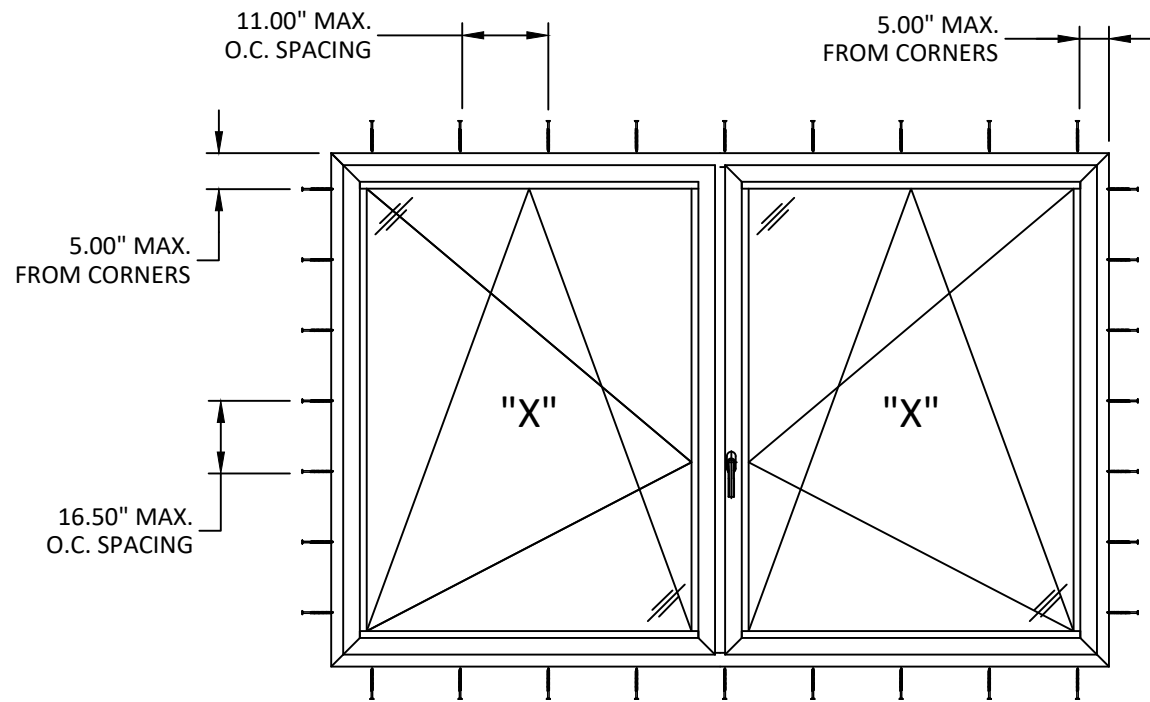
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SCALE: **NTS**

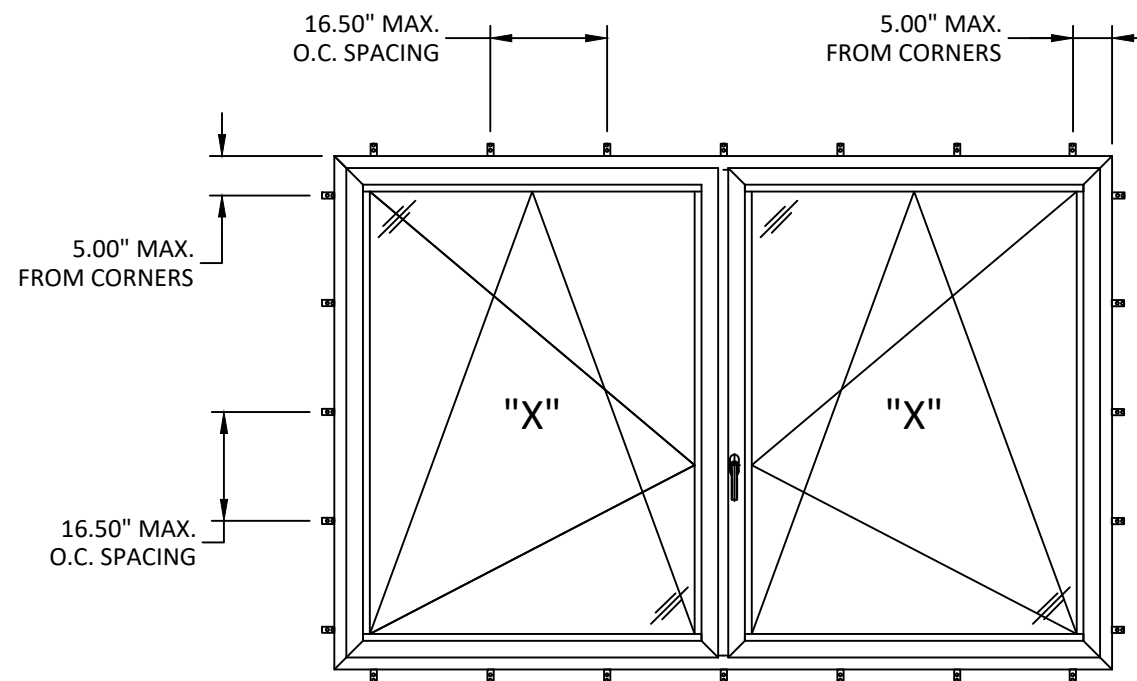
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SHEET: **2**
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ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



ANCHOR LAYOUT
STRAP INSTALLATION

NOTE: TWO (2) ANCHORS PER STRAP



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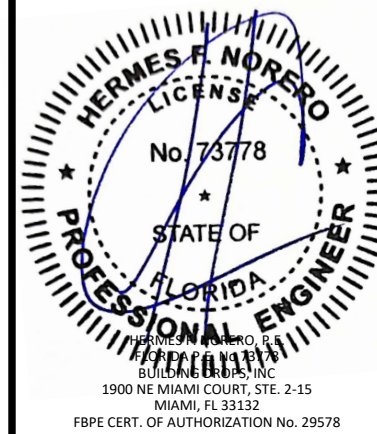
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DUAL TITL AND TURN WINDOW
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ANCHOR LAYOUT

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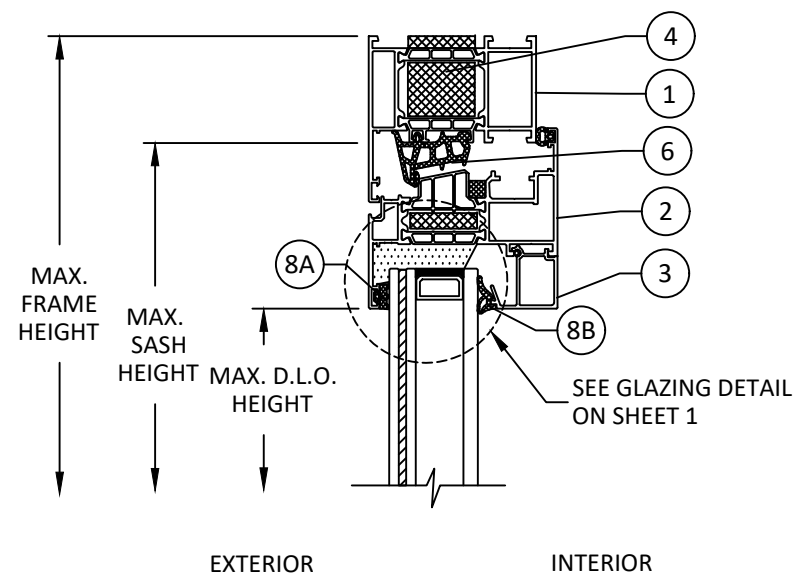
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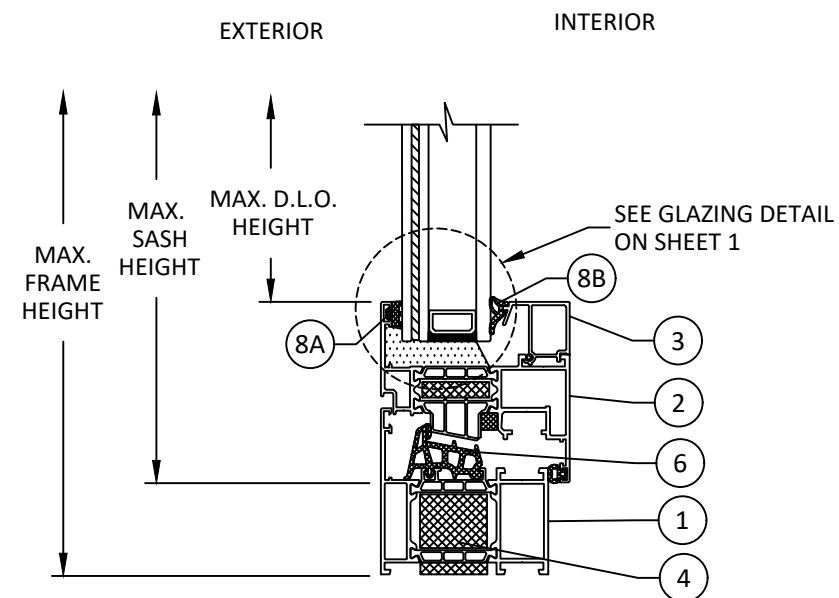
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3
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A
4 VERTICAL SECTION
TYP. HEAD DETAIL



B
4 VERTICAL SECTION
TYP. SILL DETAIL



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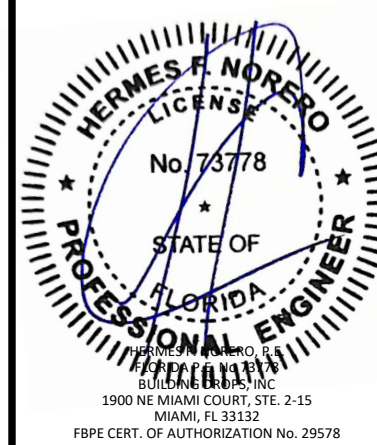
TITLE: MB-79N SI
DUAL TITL AND TURN WINDOW
(HVHZ) (IMPACT)
VERTICAL SECTIONS

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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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SCALE: **NTS**

DWG. #: **DRU037**

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4
OF 7

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TITLE: MB-79N SI
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(HVHZ) (IMPACT)

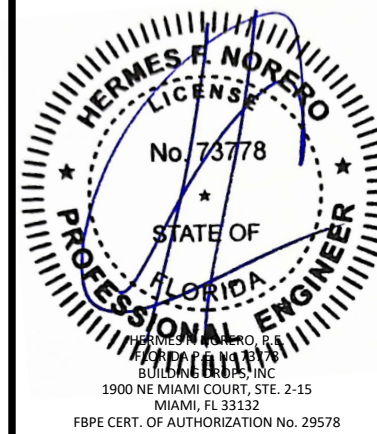
HORIZONTAL SECTIONS

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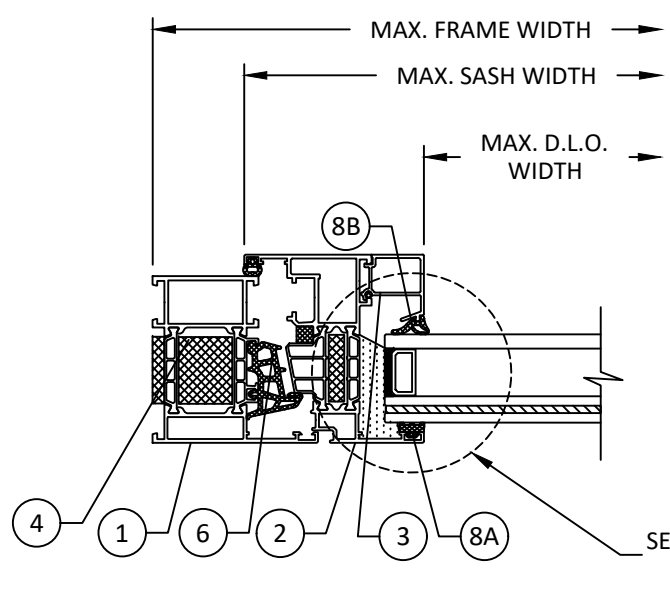
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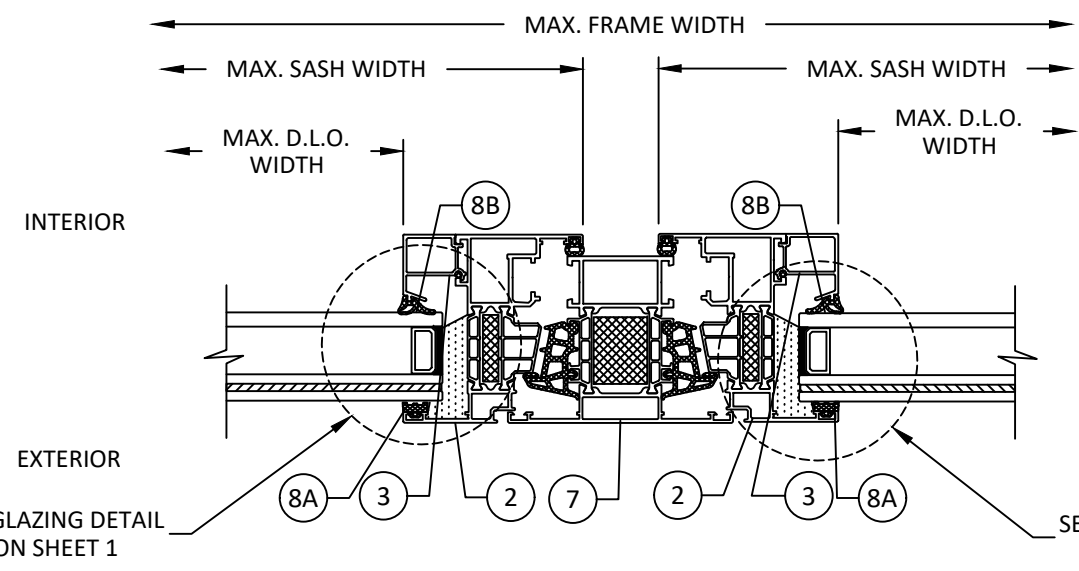
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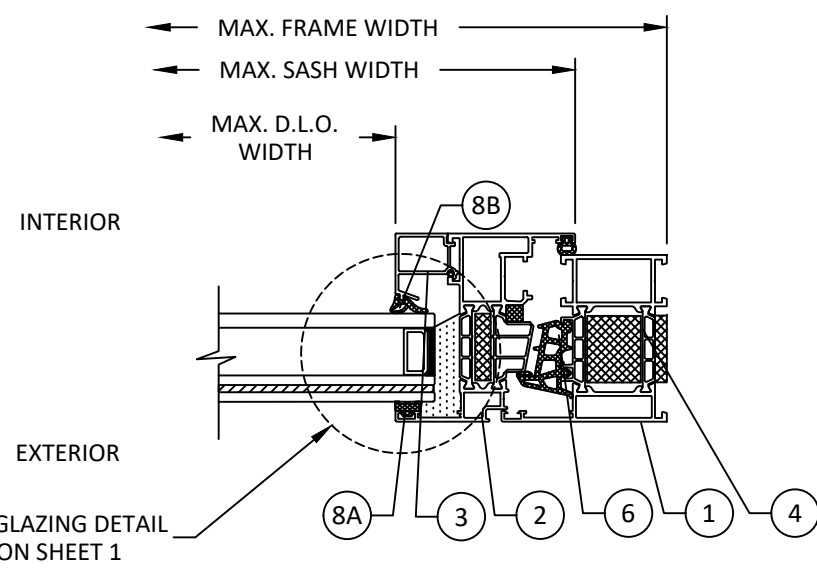
SHEET:
5
OF 7



A
5 HORIZONTAL SECTION
TYP. JAMB DETAIL



B
5 HORIZONTAL SECTION
TYP. MULLION DETAIL



C
5 HORIZONTAL SECTION
TYP. JAMB DETAIL

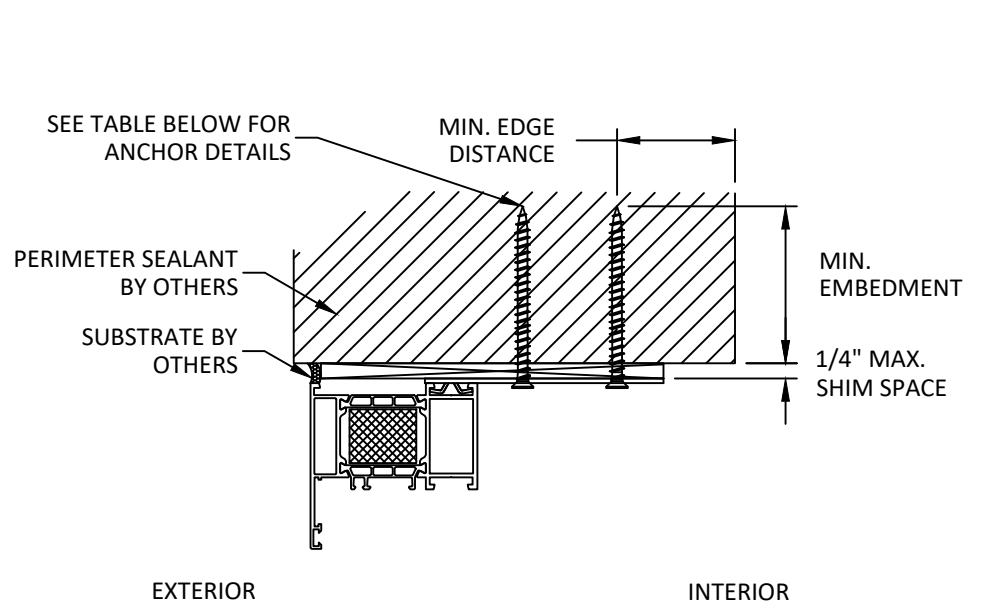
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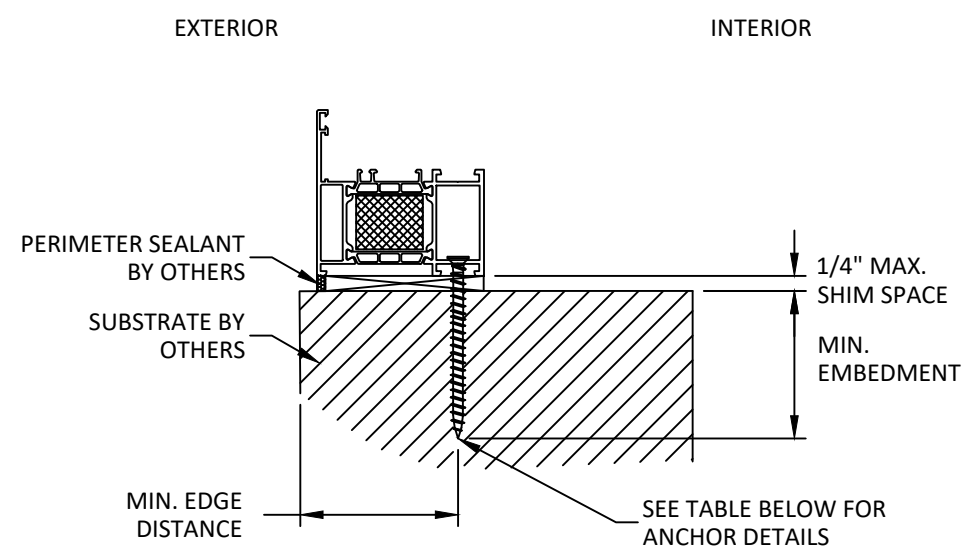
TITLE: MB-79N SI
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 (HVHZ) (IMPACT)
 ANCHOR LAYOUTS

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A
6 VERTICAL SECTION THROUGH STRAP INSTALLATION

NOTE : SILL & JAMB SIMILAR



B
6 VERTICAL SECTION THROUGH FRAME INSTALLATION

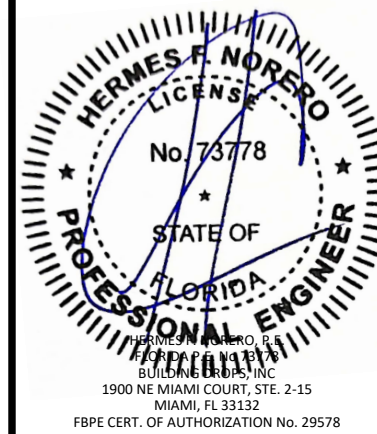
NOTE : HEAD & JAMB SIMILAR

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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 MASONRY OR CONCRETE OPENINGS, A 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.
- 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 TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
STRAP	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.50"	0.75"
	METAL : 18 GA. STEEL MIN. Fy = 33 KSI ALUMINUM 1/8" MIN., 6063-T5	#8 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: f'c = 3000 PSI	3/16" ITW TAPCON	1.25"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.00"
THROUGH FRAME	WOOD: MIN. SG = 0.55	#12 WOOD SCREW	1.50"	0.75"
	METAL : 18 GA. STEEL MIN. Fy = 33 KSI ALUMINUM 1/8" MIN., 6063-T5	#12 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: f'c = 3000 PSI	3/16" ITW TAPCON	1.25"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.00"

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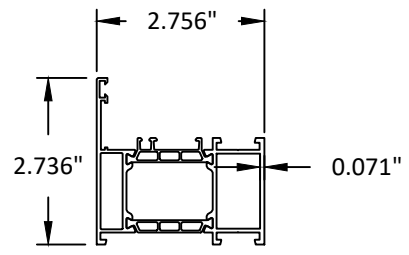
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6

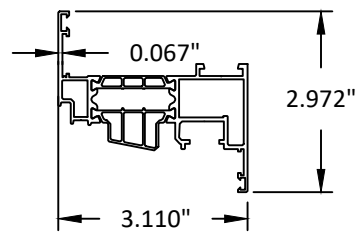
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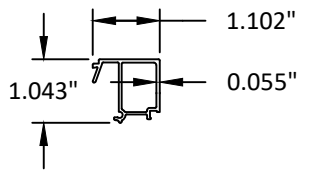
BILL OF MATERIALS			
ITEM	PART NO.	DESCRIPTION	MATERIAL
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2	K520112	SASH	6063-T5
3	K431624	GLAZING BEAD	6063-T5
4	-	THERMAL MATERIAL	POLYETHYLENE
5	-	GASKET	EPDM
6	8G000020	CENTRAL GASKET	EPDM
7	-	MULLION	6063-T5
8A	120518	GASKET	EPDM
8B	120540	GASKET	EPDM
9	803011040	STRAP	STEEL



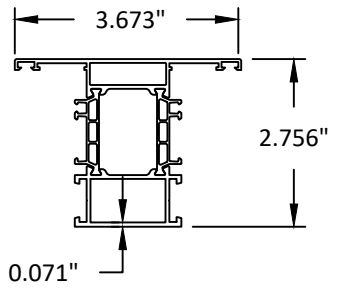
1 FRAME
6063-T5



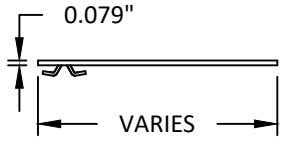
2 SASH
6063-T5



3 GLAZING BEAD
6063-T5



7 MULLION
6063-T5



9 STRAP
STEEL A36



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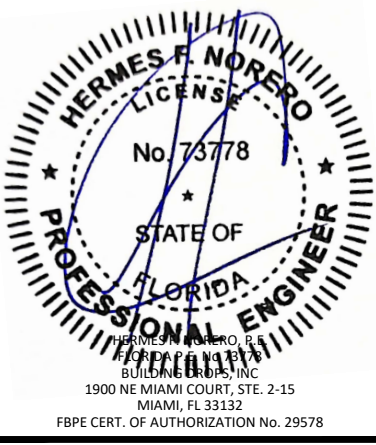
TITLE: MB-79N SI
DUAL TITL AND TURN WINDOW
(HVHZ) (IMPACT)
COMPONENTS &
BILL OF MATERIALS

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