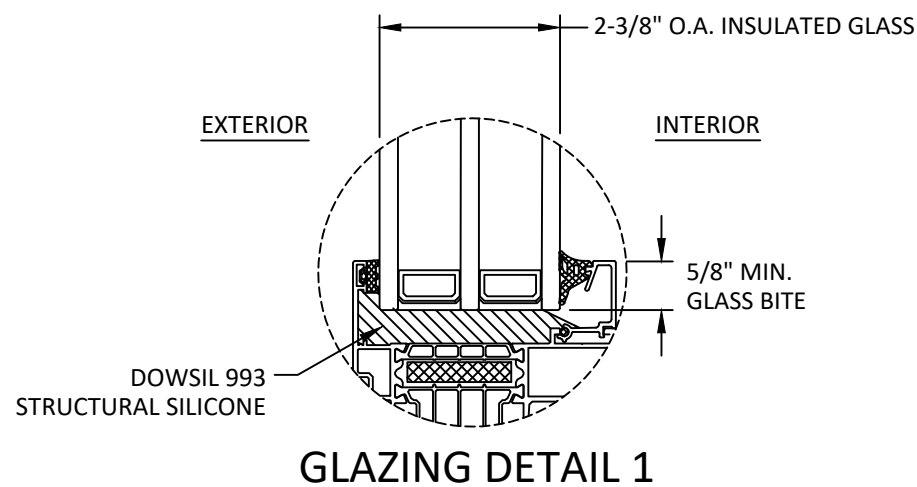


DRUTEX S.A.

MB-86N SI TILT & TURN WINDOW (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE 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.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.



GLAZING NOTES:

- GLASS TYPE SHALL COMPLY WITH ASTM E1300 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 SHOWN HEREIN.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAIL
2	ELEVATION AND DESIGN PRESSURE TABLE
3	ANCHOR LAYOUTS
4	VERTICAL SECTION
5	HORIZONTAL SECTION
6	ANCHOR DETAILS AND INSTALLATION NOTES

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
X	SEE TABLES ON SHEET 2			NON-IMPACT



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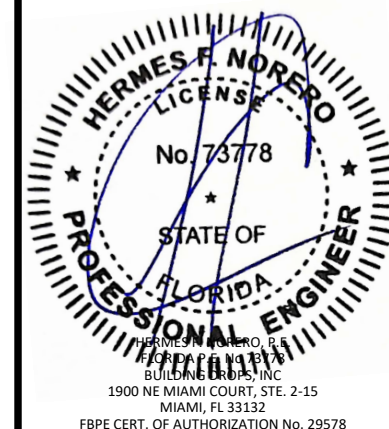
TITLE: MB-86N SI
TILT & TURN WINDOW
(NON-HVHZ) (NON-IMPACT)
GENERAL NOTES &
GLAZING DETAIL

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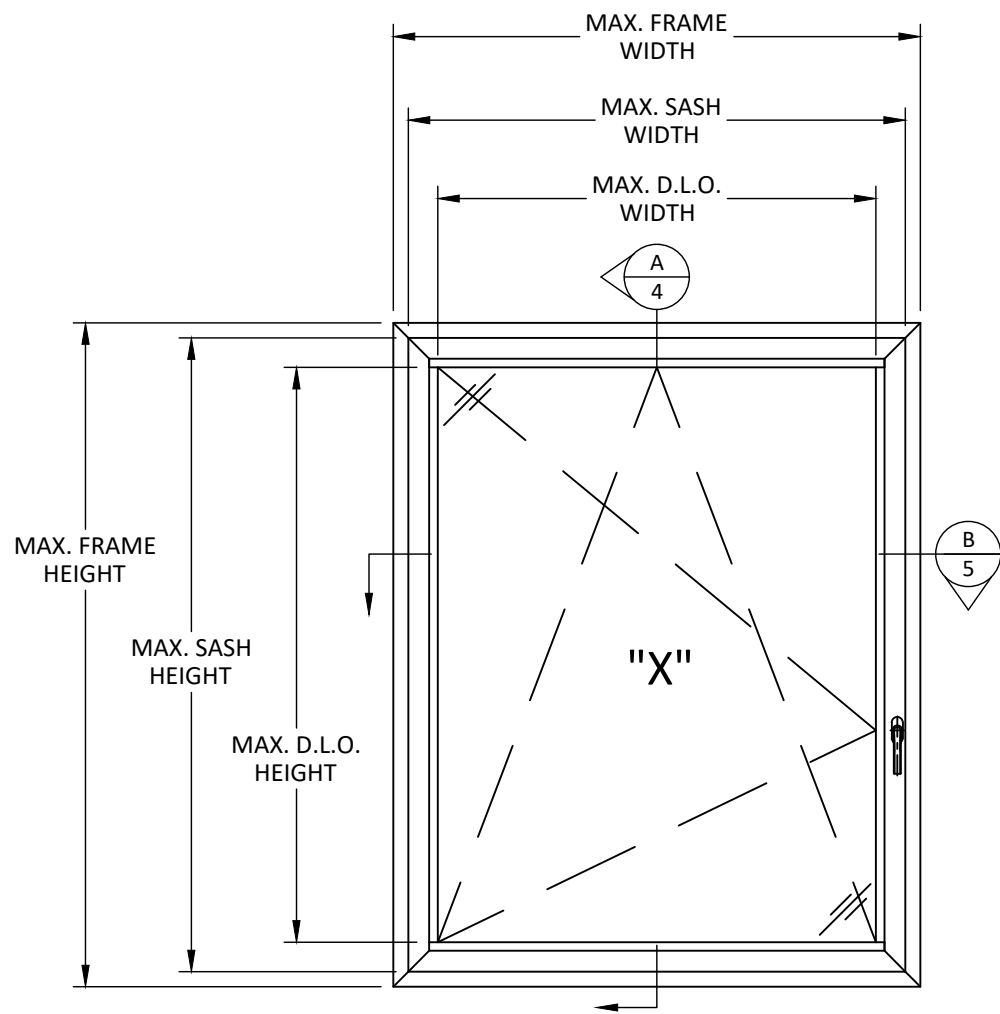
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DWG. #: **DRU049**

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ELEVATION

SASH HEIGHT = FRAME HEIGHT - 3.00"
 SASH WIDTH = FRAME WIDTH - 3.00"
 D.L.O. HEIGHT = FRAME HEIGHT - 8.9375"
 D.L.O. WIDTH = FRAME WIDTH - 8.9375"

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
18	36	70.0	70.0
24		70.0	70.0
30		70.0	70.0
36		70.0	70.0
18	42	70.0	70.0
24		70.0	70.0
30		70.0	70.0
36		70.0	70.0
42	48	70.0	70.0
18		70.0	70.0
24		70.0	70.0
30		70.0	70.0
36	54	70.0	70.0
42		70.0	70.0
48		70.0	70.0
54		68.9	68.9
18	60	70.0	70.0
24		70.0	70.0
30		70.0	70.0
36		70.0	70.0
42	66.9375	70.0	70.0
48		70.0	70.0
54		68.9	68.9
18		70.0	70.0
24	53.125	70.0	70.0
30		70.0	70.0
36		70.0	70.0
42		70.0	70.0
48		70.0	70.0
53.125		70.0	70.0

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
18	72	70.0	70.0
24		70.0	70.0
30		70.0	70.0
36		70.0	70.0
42	78	70.0	70.0
48		70.0	70.0
18		70.0	70.0
24		70.0	70.0
30	84	70.0	70.0
36		70.0	70.0
42		70.0	70.0
18		70.0	70.0
24	90	70.0	70.0
30		70.0	70.0
36		70.0	70.0
18		70.0	70.0
24	96	70.0	70.0
30		70.0	70.0
36		70.0	70.0
18		70.0	70.0
24	102	70.0	70.0
30		70.0	70.0
18		70.0	70.0
24		70.0	70.0
30	108	70.0	70.0
18		70.0	70.0
24		70.0	70.0
30		70.0	70.0
18	114	70.0	70.0
24		70.0	70.0
30		70.0	70.0
18		70.0	70.0
24	120	70.0	70.0
18		70.0	70.0



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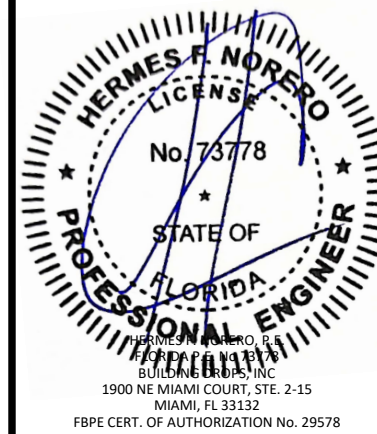
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 TILT & TURN WINDOW
 (NON-HVHZ) (NON-IMPACT)
 ELEVATION & DESIGN
 PRESSURE TABLE

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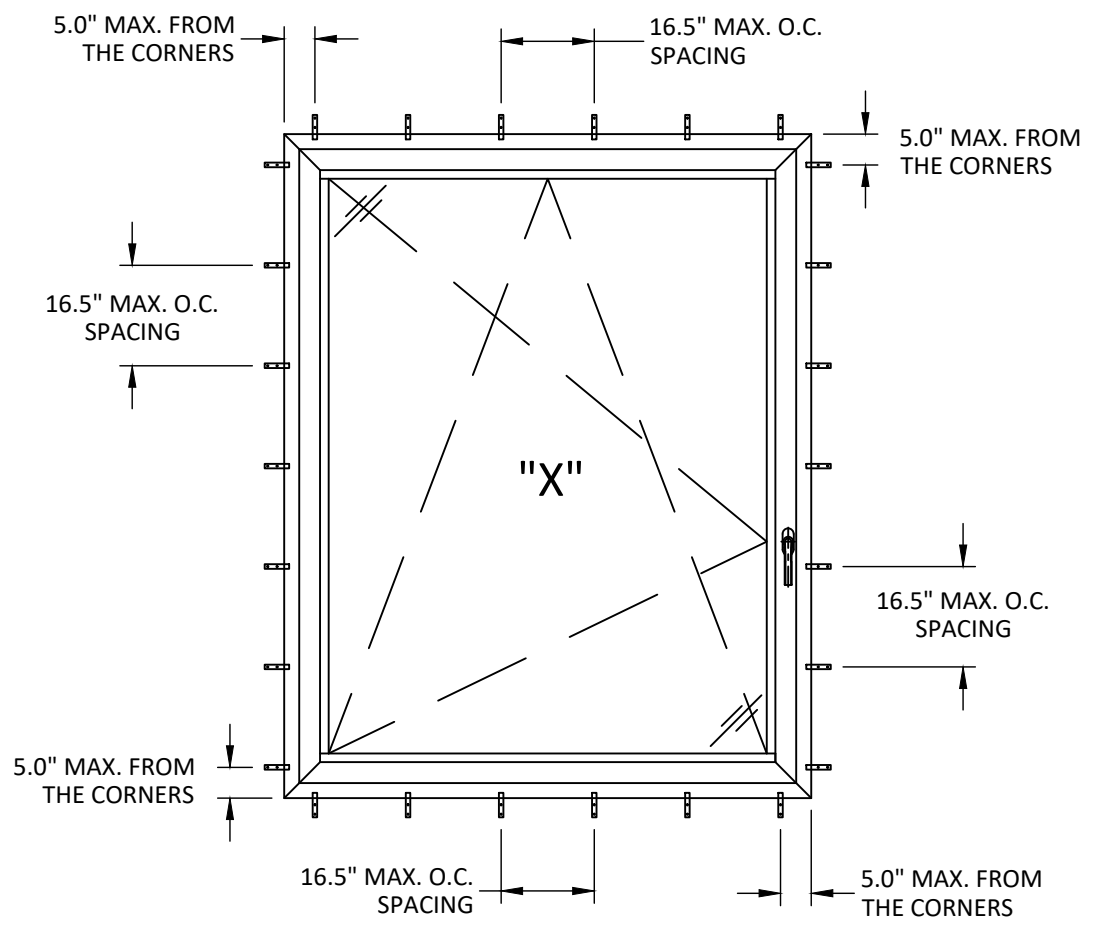
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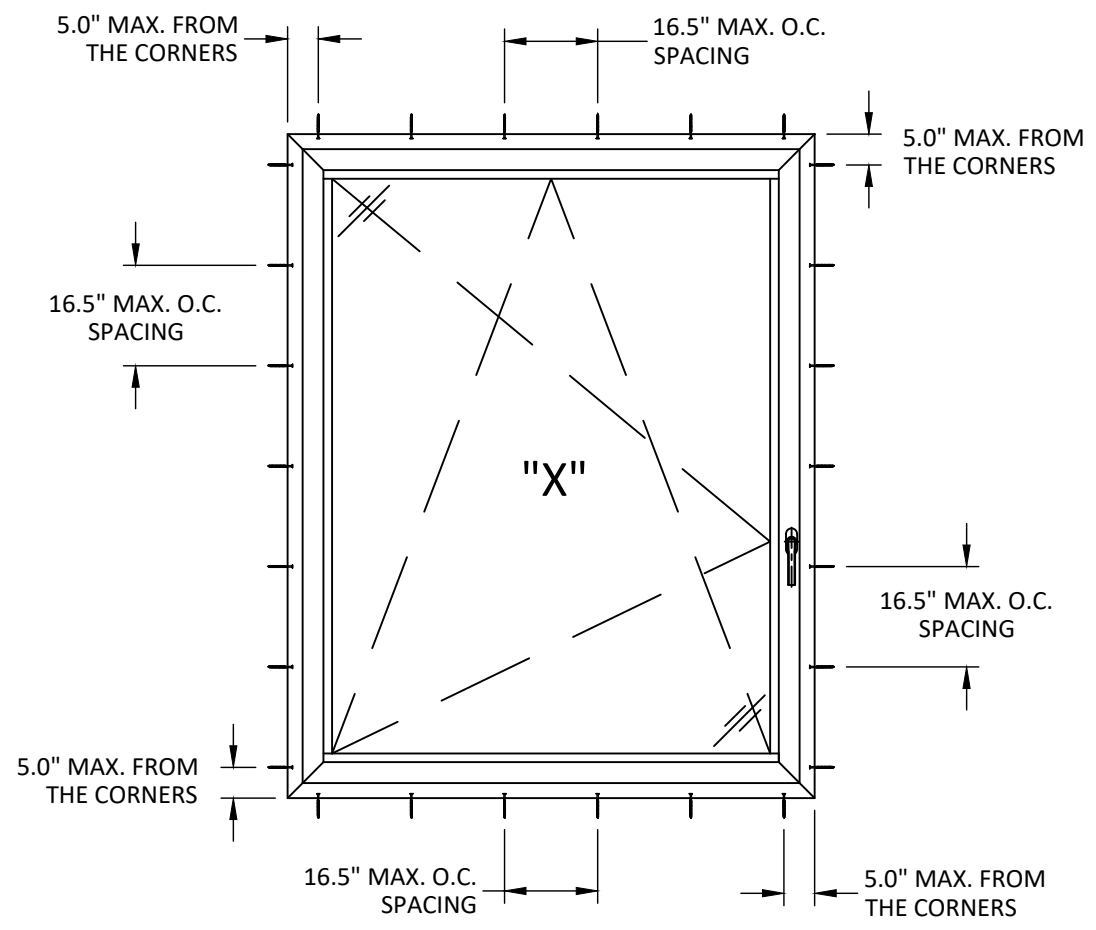
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NOTE: TWO (2) INSTALLATION ANCHORS PER STRAP LOCATION.



ANCHOR LAYOUT
STRAP INSTALLATION



ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



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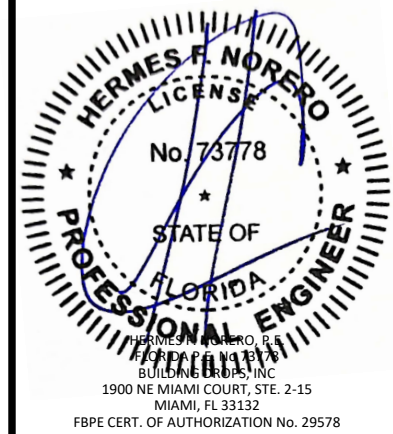
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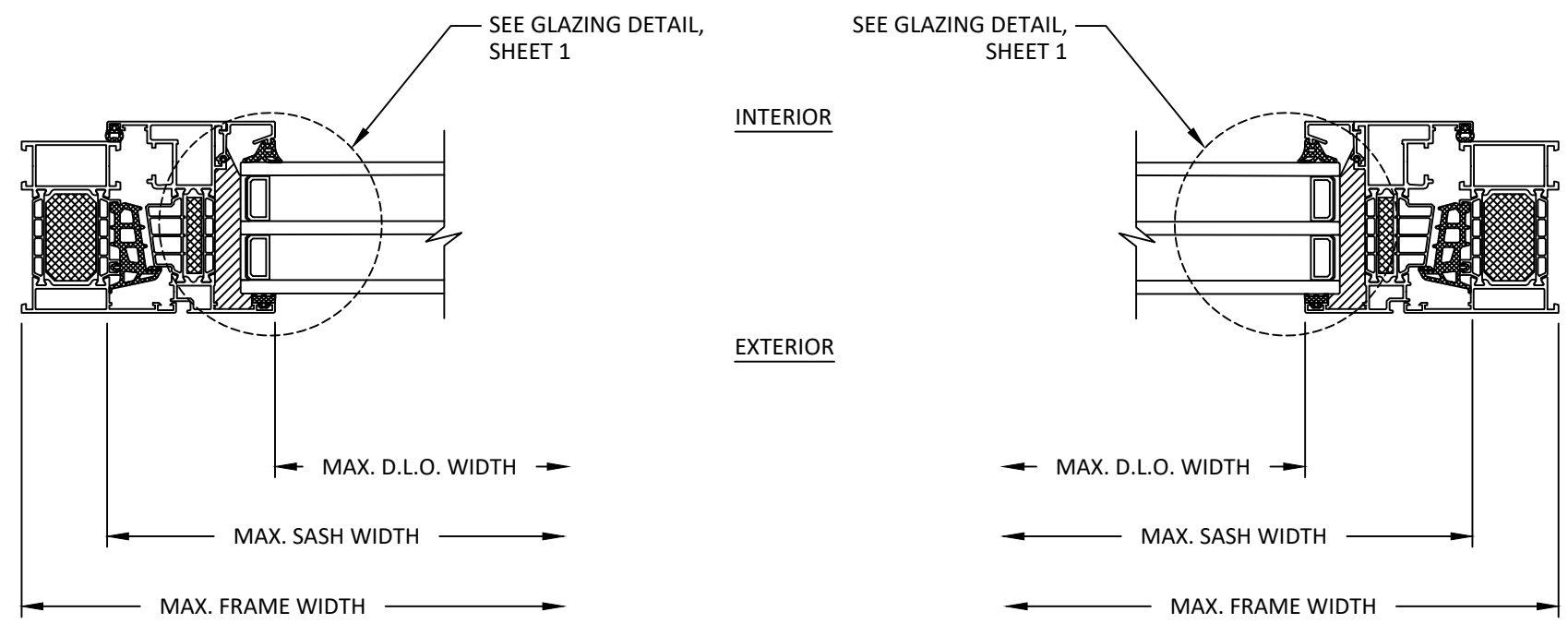
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B
5 HORIZONTAL SECTION



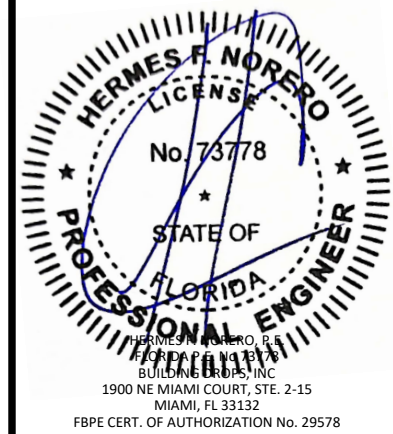
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