

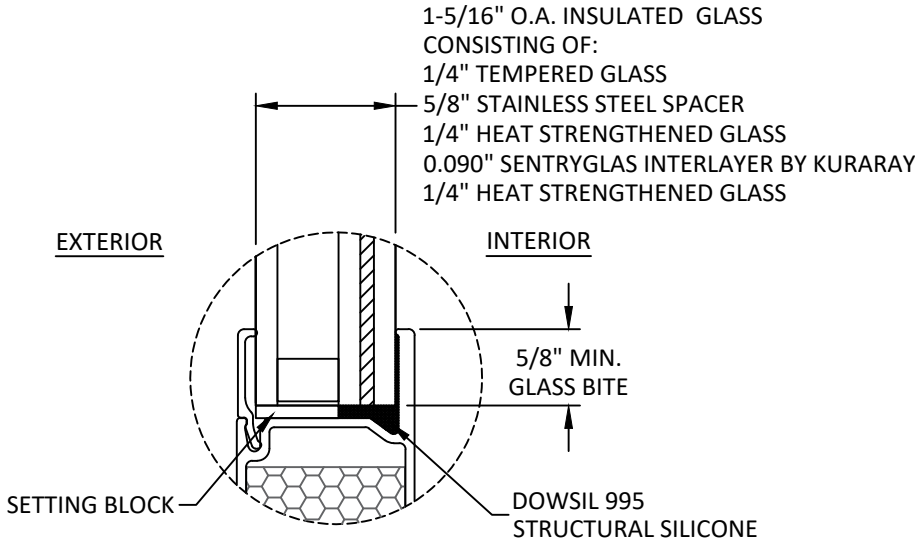
ENERLUX WINDOWS & DOORS

SLIDING PATIO DOOR

(WZ3)(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
 - ASTM E1886-19
 - ASTM E1996-20
- 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 ±1/2 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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
- DOOR FRAME MATERIAL: FIBERGLASS
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL 1

GLAZING NOTES:

- GLASS TYPE COMPLIES 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\"/>
- 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 SECTIONS
6	ANCHOR DETAILS AND INSTALLATION NOTES

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
OX	SEE TABLE ON SHEET 2			LARGE & SMALL MISSILE IMPACT



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GENERAL NOTES & GLAZING DETAIL

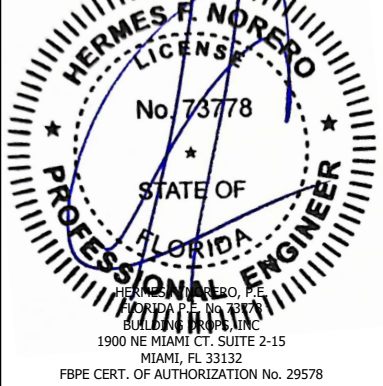
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REMARKS	BY	DATE

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Reason: I am approving this document
Date: 2026.05.28 19:38:26 -04'00'



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

FL #:

FL48243

DATE:

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HJ

CHK. BY:

HFN

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DWG. #:

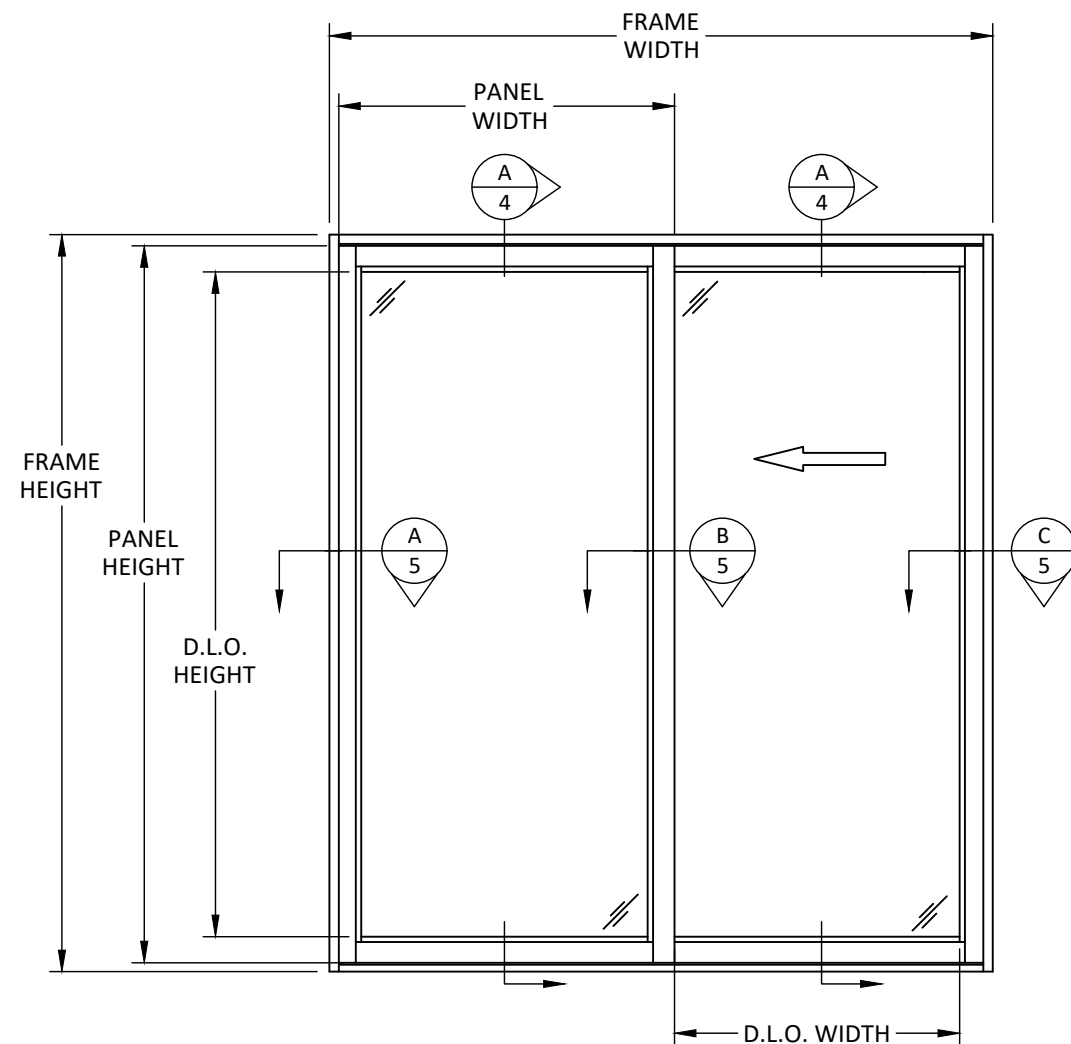
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SHEET:

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ELEVATION
SLIDING PATIO DOOR

PANEL WIDTH = FRAME WIDTH/2 + 0.94"
PANEL HEIGHT = FRAME HEIGHT - 3.25"
D.L.O. WIDTH = FRAME WIDTH/2 - 6.31"
D.L.O. HEIGHT = FRAME HEIGHT - 10.50"

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
72	78	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
144		55.0	55.0
72	84	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
72	90	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
72	96	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
72	102	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
72	108	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
72	114	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
72	120	55.0	55.0
84		55.0	55.0
96		55.0	55.0
108		55.0	55.0
120		55.0	55.0
132		55.0	55.0
72	126	55.0	55.0
84		53.2	53.2
96		53.2	53.2
108		46.1	46.1
120		46.4	46.4
132		40.8	40.8
72	138	36.0	36.0
84		32.0	32.0
96		32.0	32.0
108		32.0	32.0
120		32.0	32.0
132		32.0	32.0



1530 PINE AVENUE
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TITLE: SLIDING PATIO DOOR
(WZ3) (IMPACT)

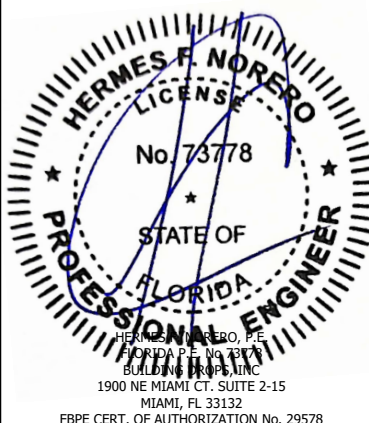
ELEVATION & DESIGN
PRESSURE TABLE

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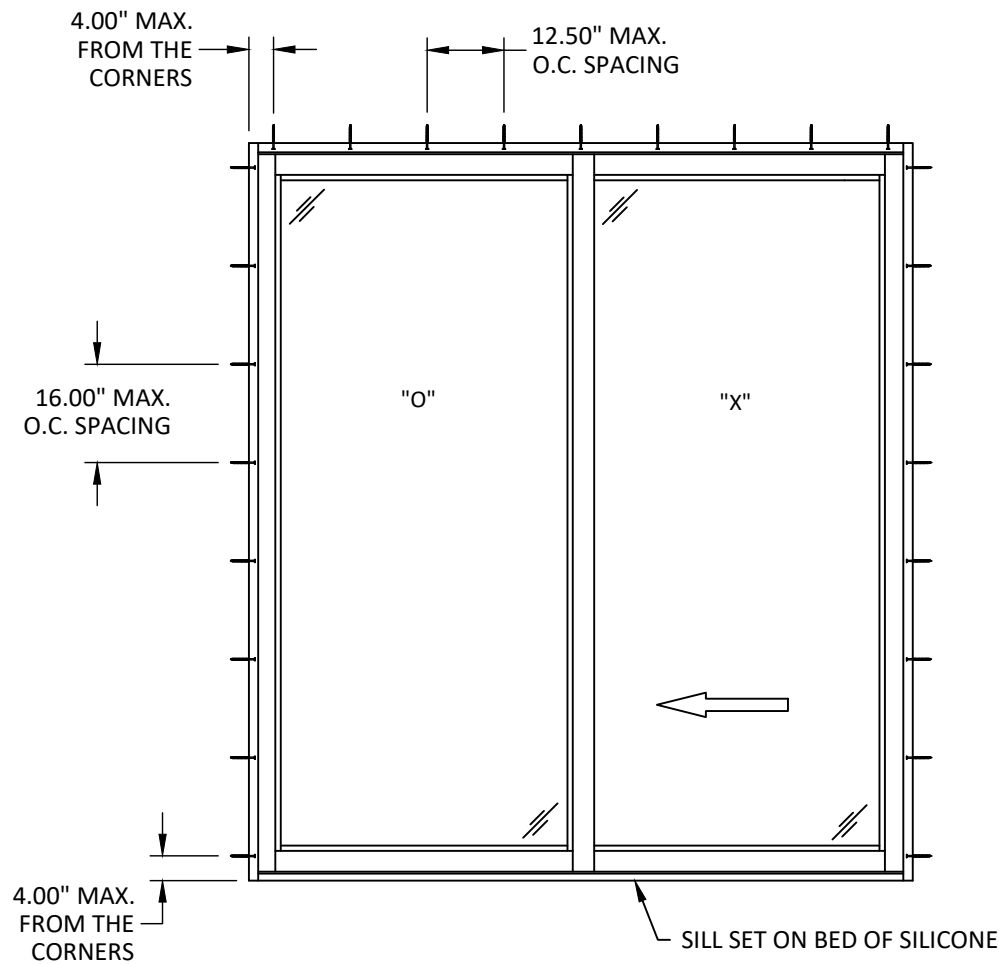
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SCALE: **NTS**

DWG. #: **ELX005**

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ANCHOR LAYOUT
SLIDING PATIO DOOR
HEAD & JAMBS: THROUGH FRAME INSTALLATION
SILL: SILICONE



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(WZ3) (IMPACT)

ANCHOR LAYOUTS

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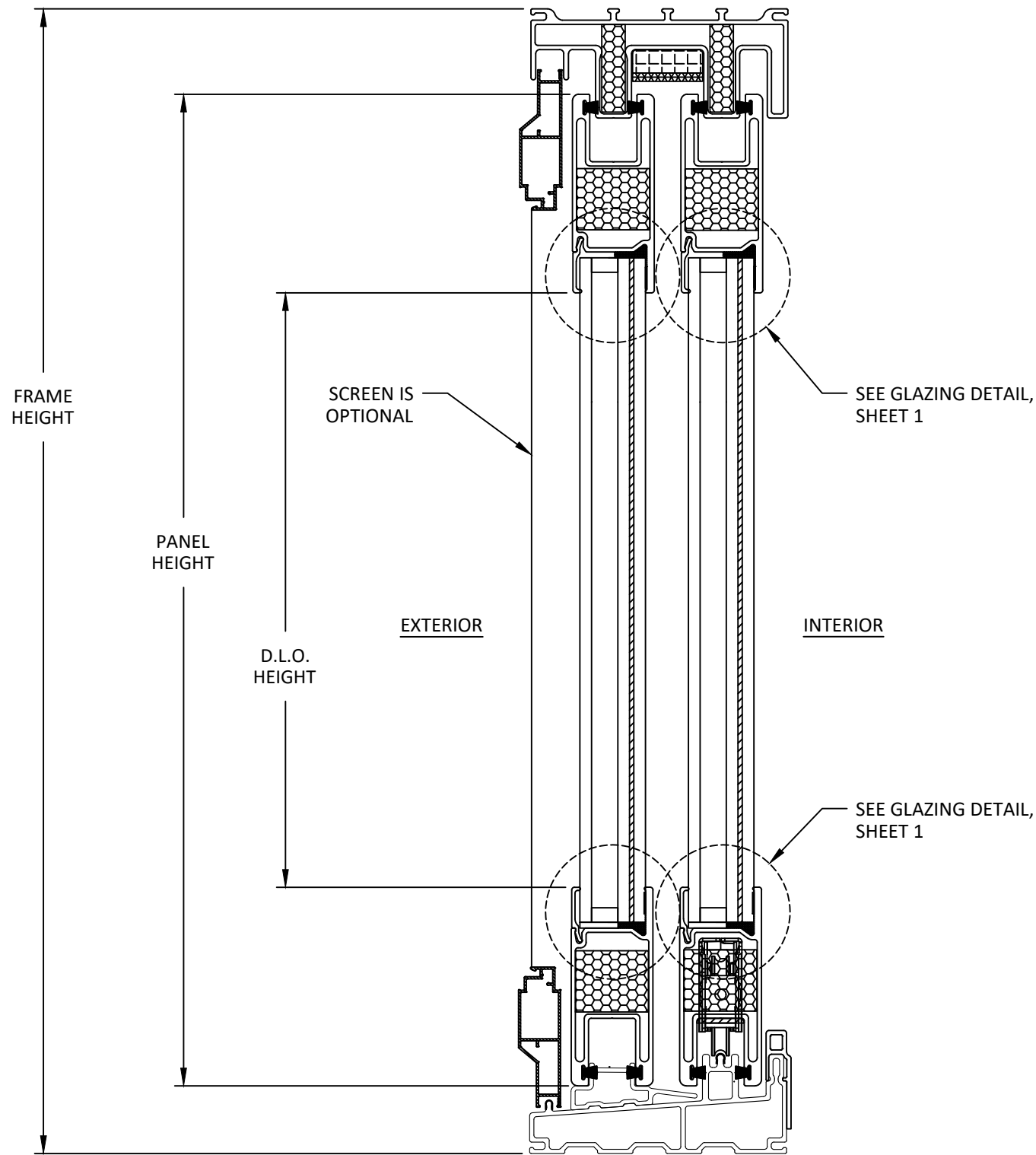
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A
4 VERTICAL SECTION
TYP. HEAD AND SILL



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(WZ3) (IMPACT)

VERTICAL SECTION

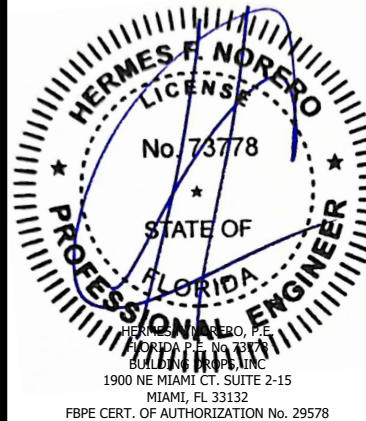
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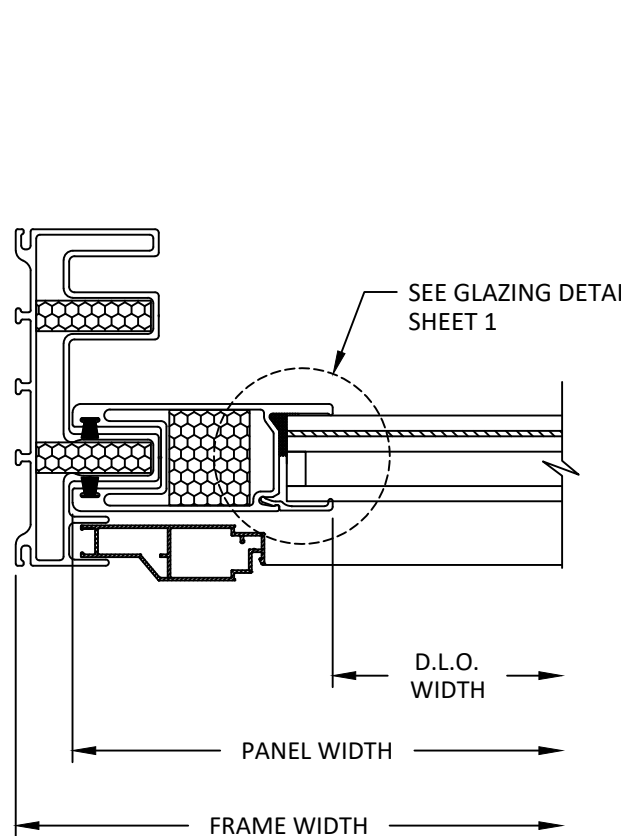
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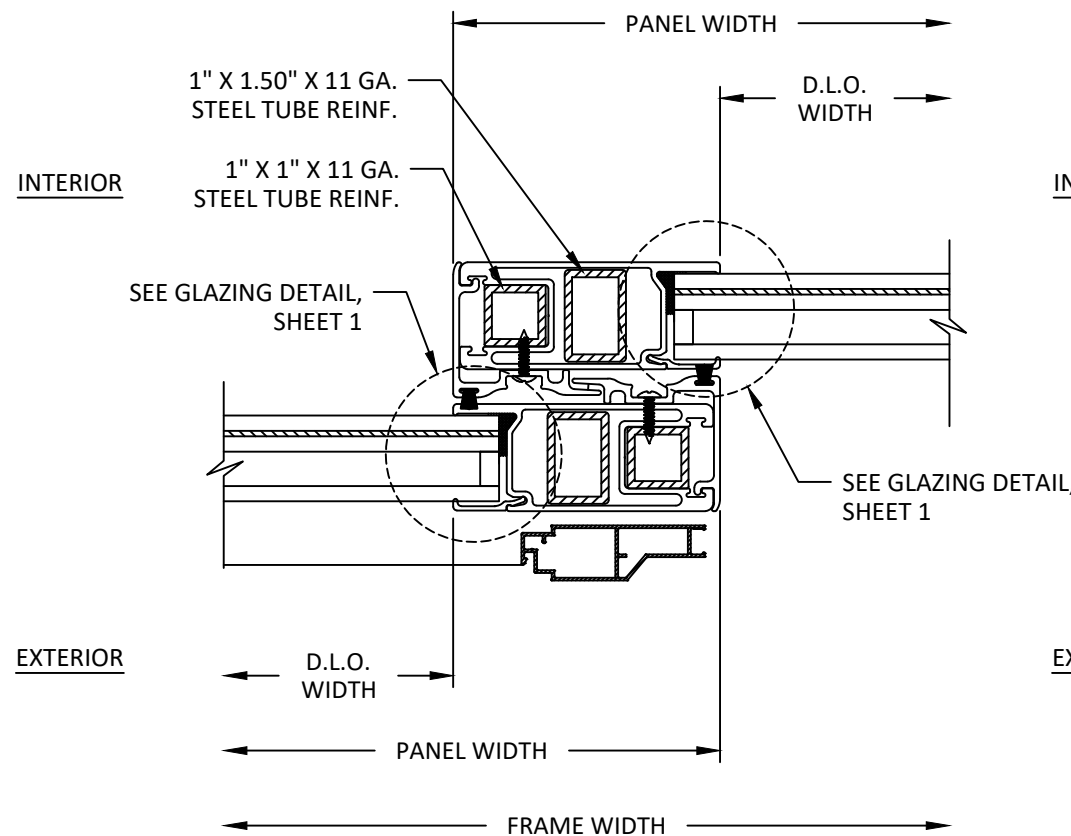


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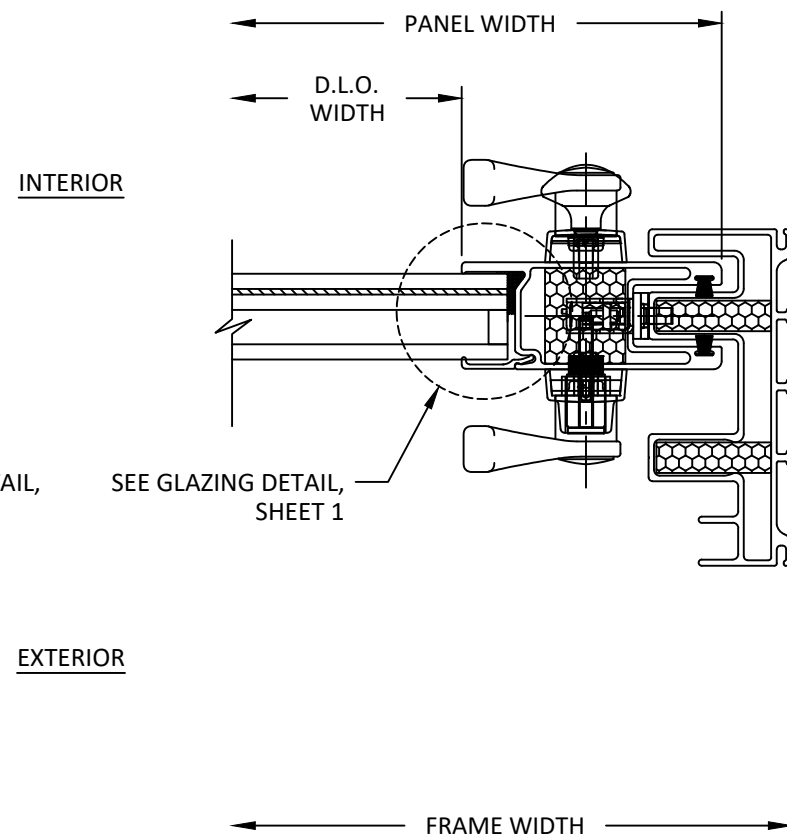
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A
5 HORIZONTAL SECTION
FIXED JAMB



B
5 HORIZONTAL SECTION
INTERLOCK



C
5 HORIZONTAL SECTION
LOCK JAMB



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HORIZONTAL SECTIONS

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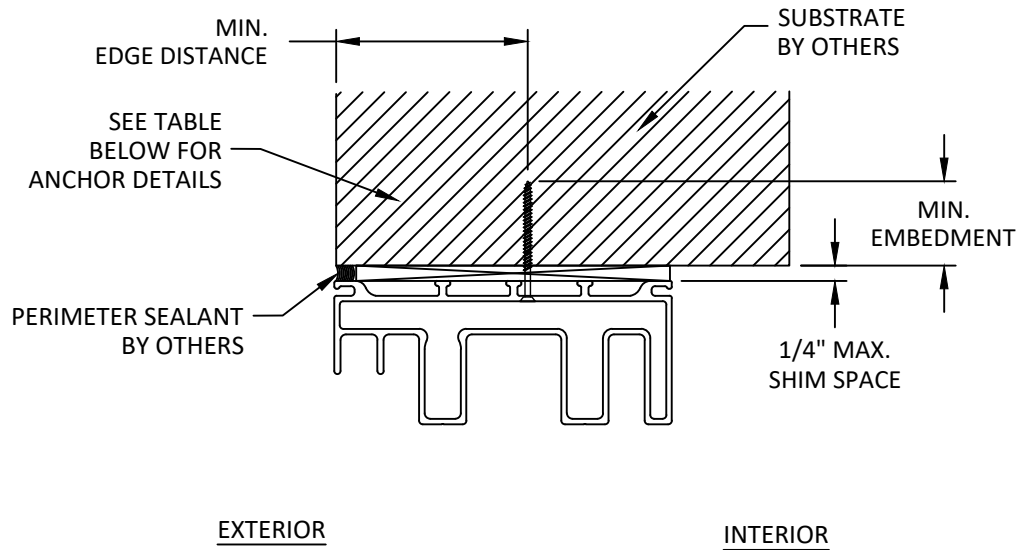
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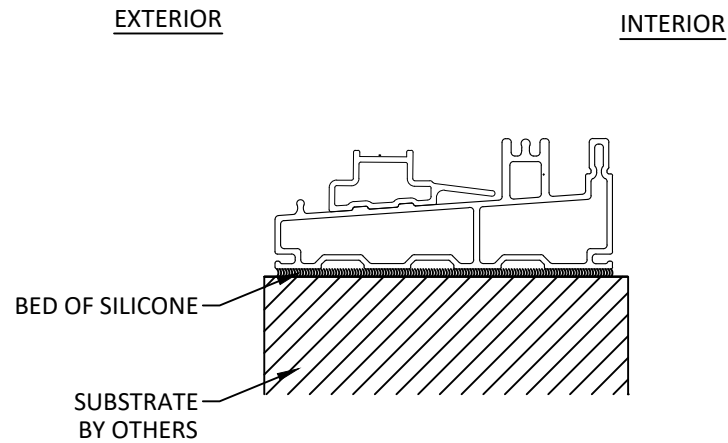
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A
6 VERTICAL SECTION
HEAD
THROUGH FRAME INSTALLATION
NOTE: JAMB SIMILAR



B
6 VERTICAL SECTION
SILL
STRUCTURAL SILICONE INSTALLATION

INSTALLATION NOTES:

- (1) ONE INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF 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
THROUGH FRAME INSTALLATION	WOOD: MIN. SG = 0.55	1/4" WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	1/4" SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.25"	3.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	3.00"



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ANCHOR DETAILS & INSTALLATION NOTES

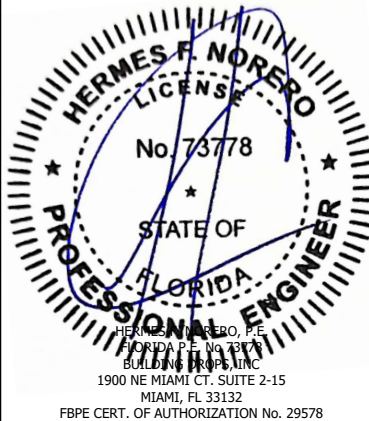
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