

LUMINI WINDOWS & DOORS

VISOLGLIDE SLIDING GLASS DOOR

(WZ3)(IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201 - 94
 - TAS 202 - 94
 - TAS 203 - 94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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.
3. 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.
4. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
7. DOOR FRAME MATERIAL: 6063-T5 ALUMINUM
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.
9. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL
10. APPROVED CONFIGURATIONS:
 - OX/XO

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8	INSTALLATION NOTES & ANCHOR DETAILS CONT.

DESIGN PRESSURE RATING		
PANEL SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEET 4	SEE SHEET 4	LARGE AND SMALL MISSILE IMPACT RESISTANT



LUMINI WINDOWS & DOORS
2720 W. CHICAGO AVE.,
CHICAGO IL 60622
PH: (773)-270-6586

TITLE:
VISOLGLIDE SLIDING GLASS DOOR
(WZ3) (IMPACT)

GENERAL NOTES & DESIGN PRESSURE

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

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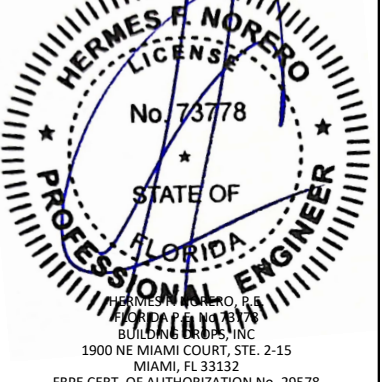
REMARKS

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Reason: I am approving this document
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CHK. BY:
HFN

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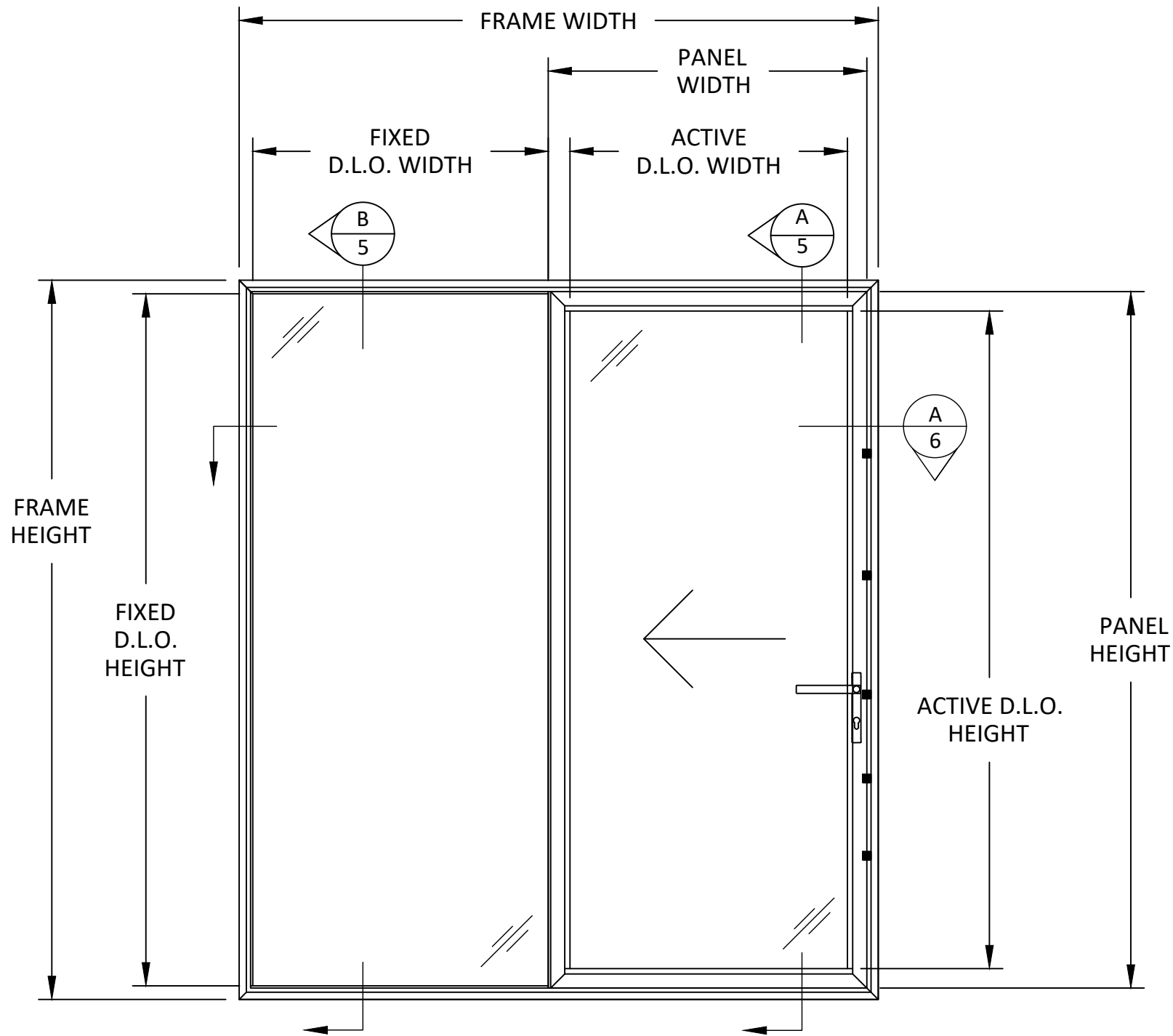
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ELEVATION
OX CONFIGURATION



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ELEVATION

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FBPE CERT. OF AUTHORIZATION No. 29578

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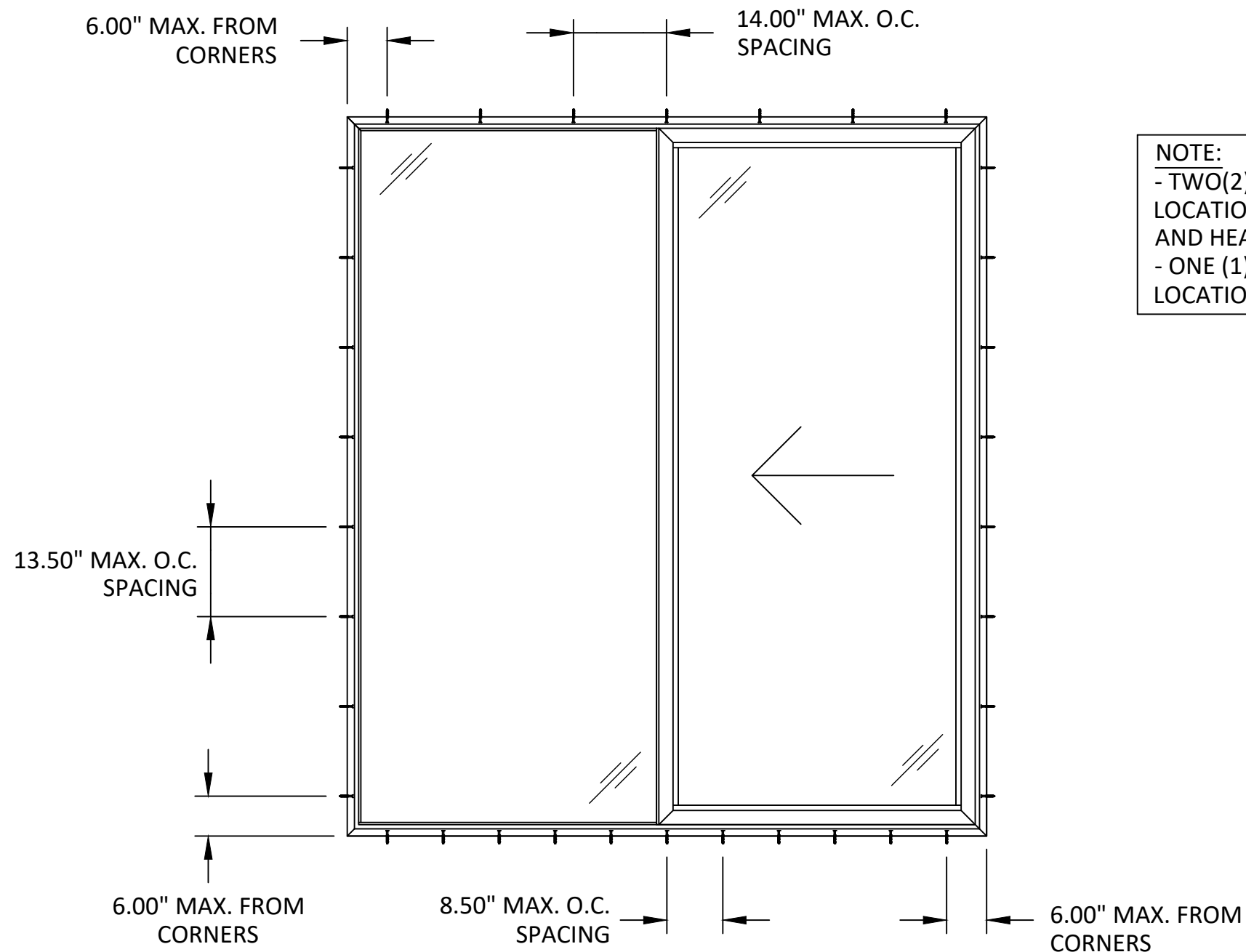
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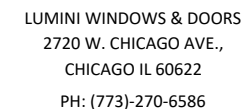
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ANCHOR LAYOUT

THROUGH FRAME INSTALLATION



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(WZ3) (IMPACT)

ANCHOR LAYOUT

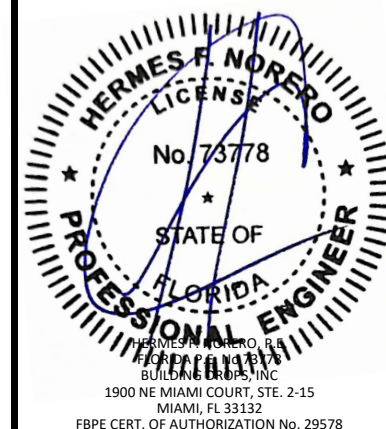
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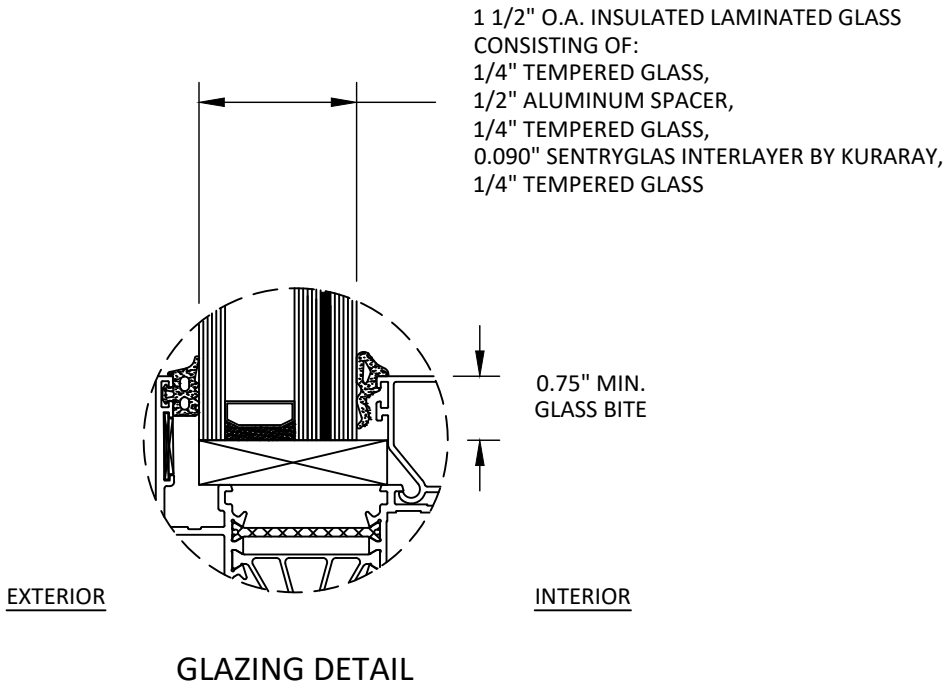
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DESIGN PRESSURE TABLE		
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)	ALLOWABLE DESIGN PRESSURE (+/- PSF)
36	80	50.0
42		50.0
48		50.0
54		44.5
60	86	40.1
36		36.1
42		33.8
48		50.0
54	92	44.5
60		40.1
36		50.0
42		50.0
48	98	50.0
54		44.5
36		50.0
42		50.0
48	104	50.0
54		44.5
60		40.1
36		36.1
42	110	33.8
48		50.0
54		44.5
60		40.1
36	116	30.8
42		39.8
48		50.0
54		44.5
60	122	40.1
36		36.1
42		33.8
48		50.0
54	128	44.5
60		40.1
36		50.0
42		50.0
48	134	50.0
54		44.5
60		40.1
36		36.1
42	140	33.8
48		50.0
54		44.5
60		40.1

SIZE NOTES:

- FRAME WIDTH = (2*PANEL WIDTH) - (0.375")
- FRAME HEIGHT = (PANEL HEIGHT) + (3.375")
- FIXED D.L.O. HEIGHT = FRAME HEIGHT - (4.375")
- FIXED D.L.O. WIDTH = (PANEL WIDTH) - (4.25")
- ACTIVE D.L.O. HEIGHT = (PANEL HEIGHT) - (6.375")
- ACTIVE D.L.O. WIDTH = (PANEL WIDTH) - (7")



GLAZING NOTES:

- GLASS TYPE AND THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, 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 DESIGN PRESSURE CHART.



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DESIGN PRESSURE TABLE &
GLAZING DETAIL

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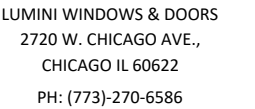
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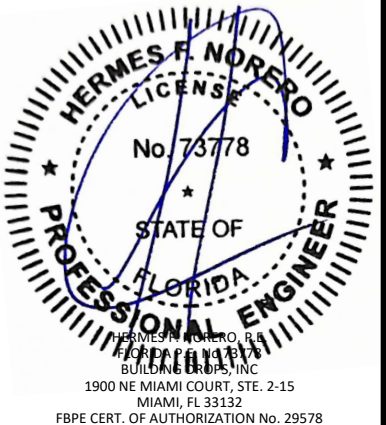
VERTICAL SECTIONS

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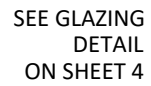
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ACTIVE
D.L.O.
HEIGHT

ACTIVE
D.L.O.
HEIGHT

SEE GLAZING
DETAIL
ON SHEET 4

A
5

VERTICAL SECTION

SLIDING GLASS DOOR



EXTERIOR

INTERIOR

SEE GLAZING
DETAIL
ON SHEET 4

FIXED
D.L.O.
HEIGHT

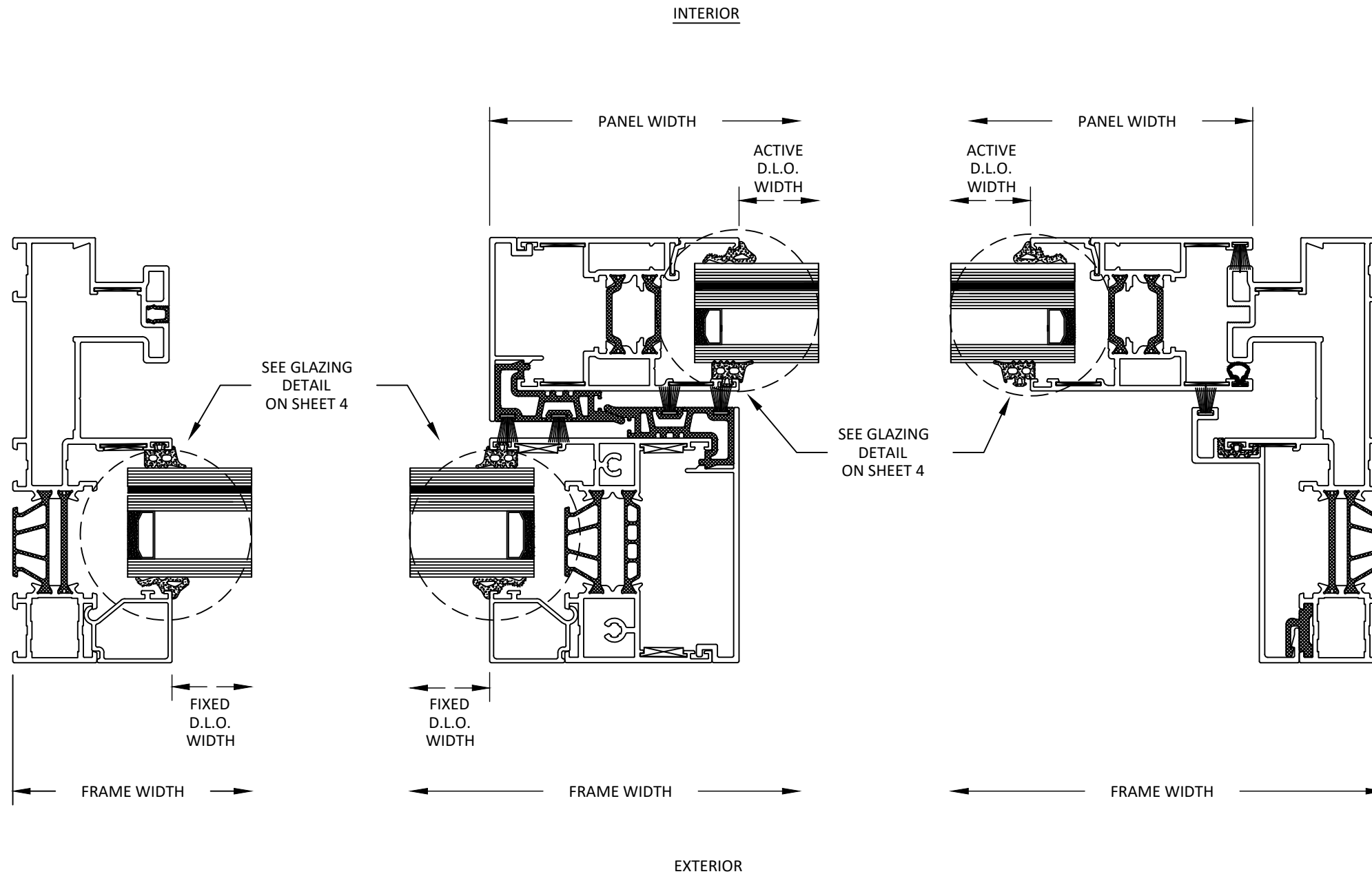
FRAME
HEIGHT

B
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VERTICAL SECTION

SLIDING GLASS DOOR

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HORIZONTAL SECTION

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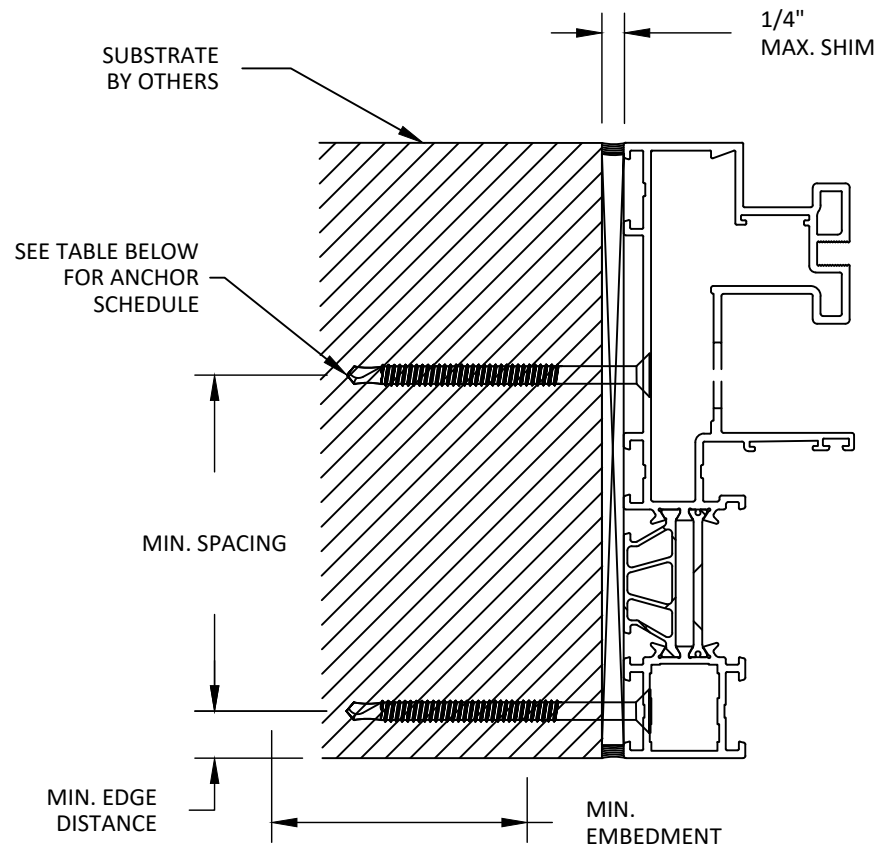
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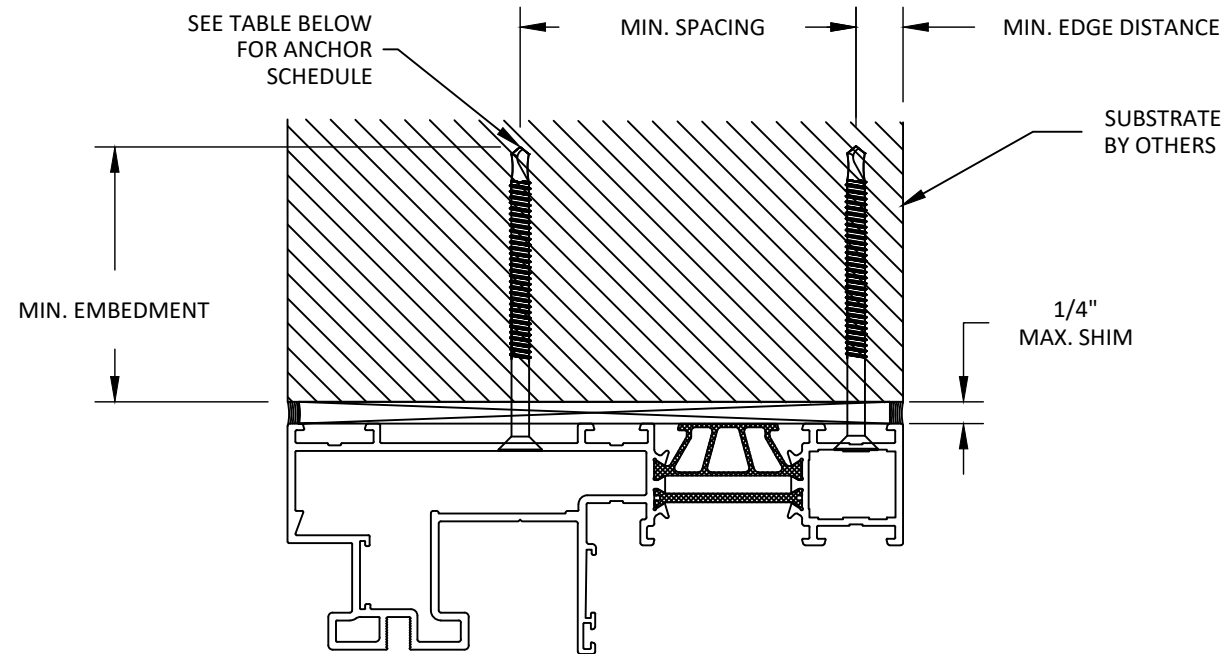
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A
7 **HORIZONTAL SECTION**
2-TRACK - THROUGH FRAME
JAMB



B
7 **VERTICAL SECTION**
2-TRACK - THROUGH FRAME
HEAD

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.5"	0.75"	3.0"
	METAL: STEEL: 18 GAUGE MIN., Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	
	CONCRETE: MIN. f'c = 3000 PSI	3/16" ITW TAPCON FLATHEAD	1.25"	2.0"	
	MASONRY: CMU MIN. 2000 PSI	3/16" ITW TAPCON FLATHEAD	1.00"	2.0"	



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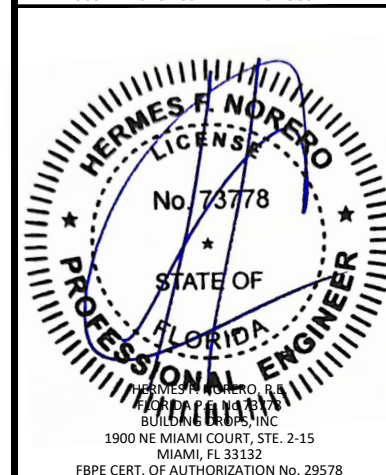
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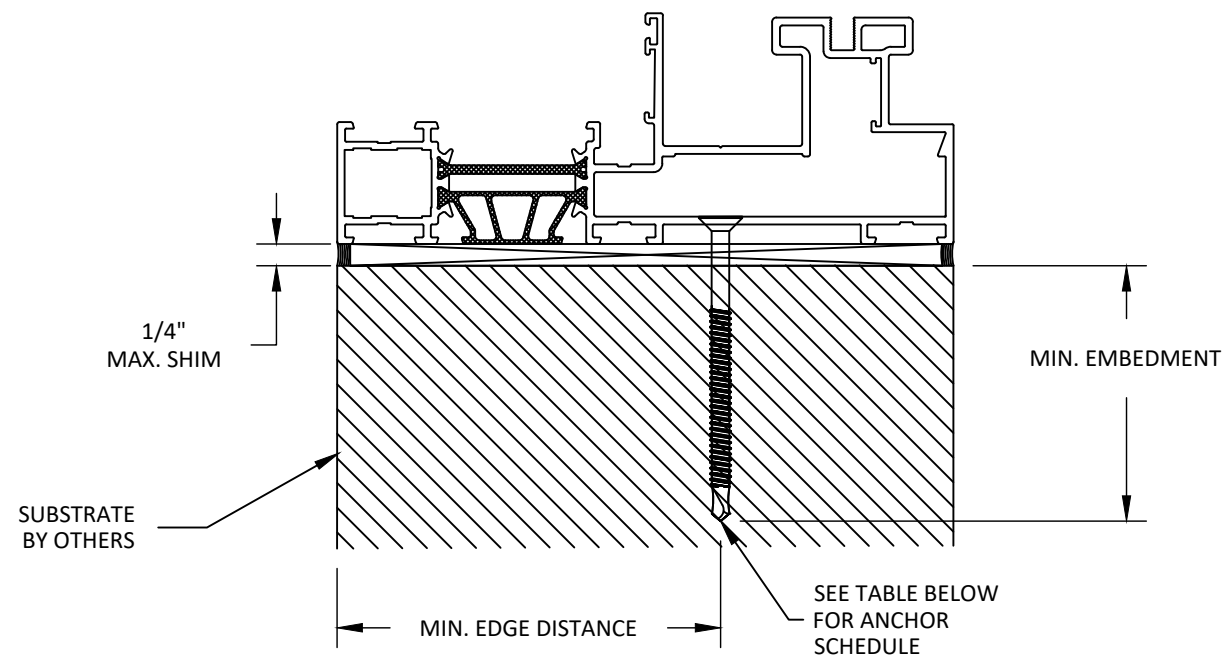
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A 8 VERTICAL SECTION 2-TRACK - THROUGH FRAME SILL

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METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.5"	0.75"	3.0"
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	CONCRETE: MIN. f'c = 3000 PSI	3/16" ITW TAPCON FLATHEAD	1.25"	2.0"	
	MASONRY: CMU MIN. 2000 PSI	3/16" ITW TAPCON FLATHEAD	1.00"	2.0"	



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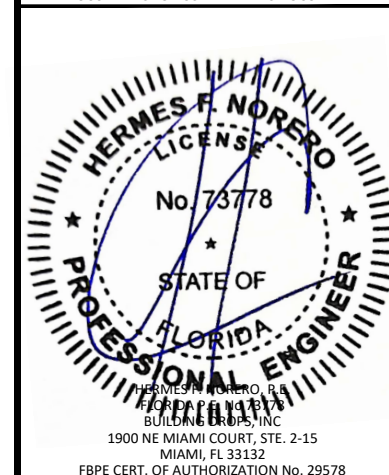
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