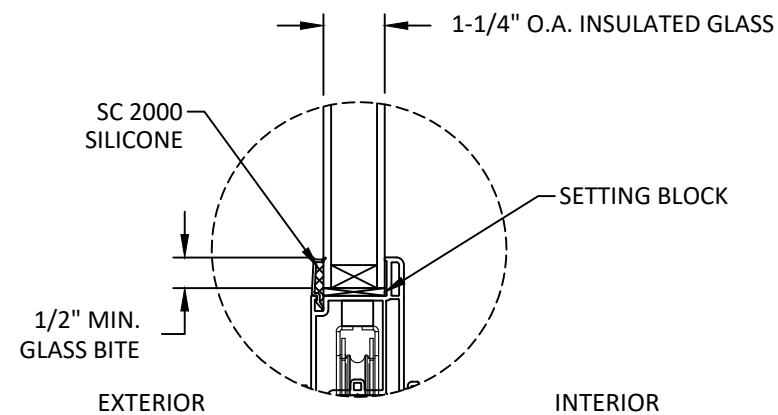


PHŌS WINDOW

SERIES 830-PD/800-PD SLIDING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. 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 101/1.S.2/A440-17
2. 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.
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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. FRAME MATERIAL: PVC.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL 1

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES, DESIGN PRESSURE TABLE, & GLAZING DETAIL
2	ELEVATIONS
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	VERTICAL SECTIONS
6	HORIZONTAL SECTIONS
7	ANCHOR DETAILS, ANCHOR SCHEDULE, & INSTALLATION NOTES
8	ANCHOR DETAILS

DESIGN PRESSURE RATING (PSF)				
WIDTH (IN.)	HEIGHT (IN.)	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
72.00"	80.00"	XO	+/- 50 PSF	NON-IMPACT

GLAZING NOTES:

1. GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.



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RIES 830-PD/800-PD SLIDING
PATIO DOOR (NON-HVHZ)
(NON-IMPACT)
GENERAL NOTES, DESIGN
PRESSURE TABLE, &
GLAZING DETAIL

PREPARED BY:

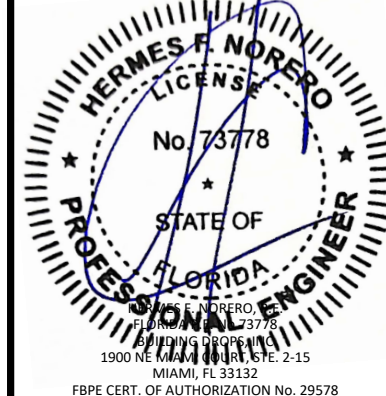
 **BUILDING DROPS, INC.**
1000 NE MIAMI COUNTRY STE. 215

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BUILDING DROPS

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.03.30 17:08:21 -04'00'



FL #:

FL48125

DATE: 03.17.2026

DWG. BY:
JR

CHK. BY:
HFN

SCALE: NTS

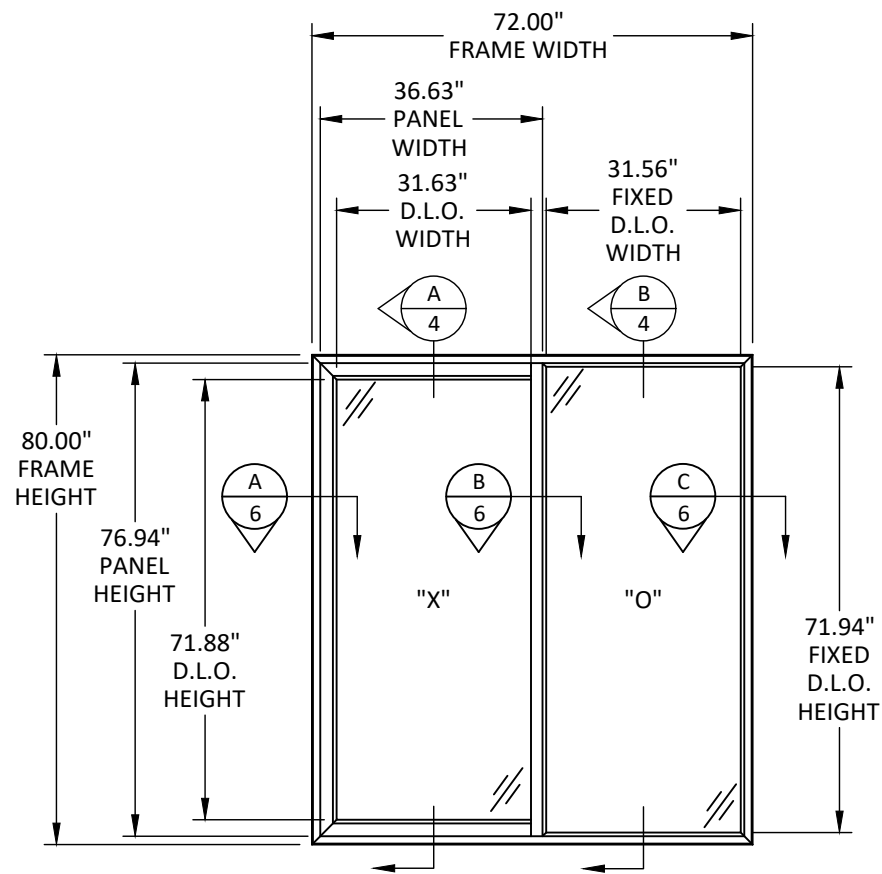
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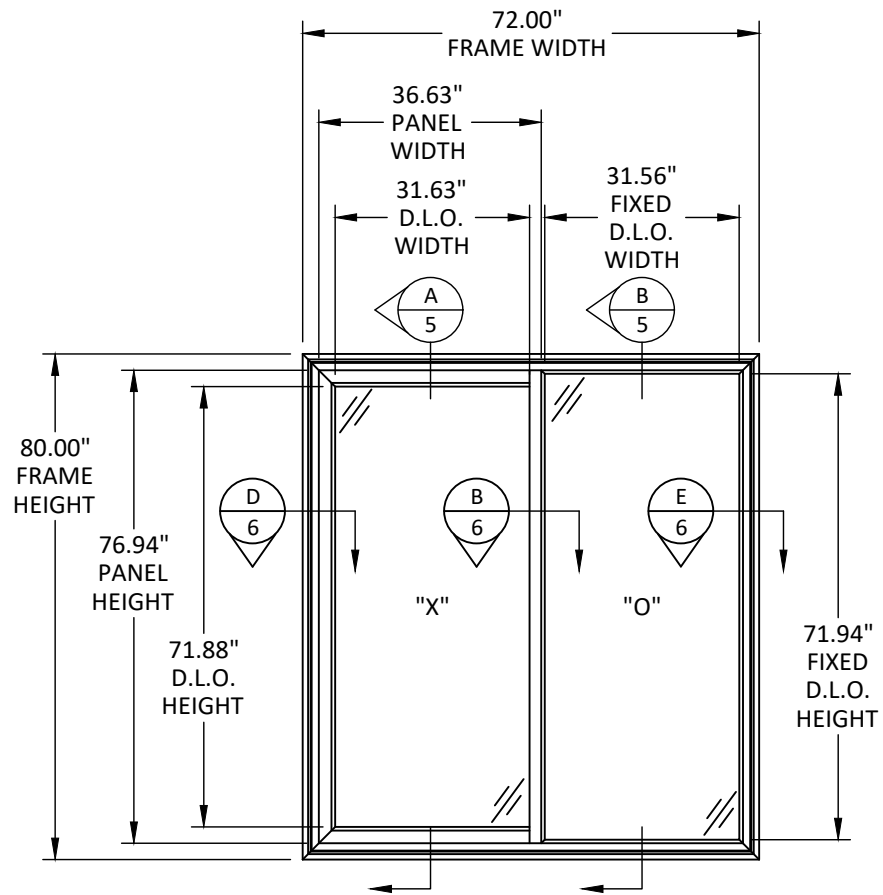
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OF 8

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ELEVATION
XO SLIDING GLASS DOOR
REPLACEMENT FRAME



ELEVATION
XO SLIDING GLASS DOOR
NEW CONSTRUCTION FRAME



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PATIO DOOR (NON-HVHZ)
(NON-IMPACT)

ELEVATIONS

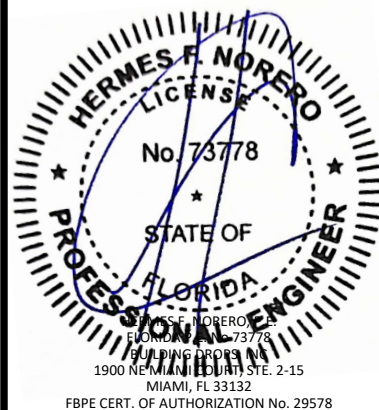
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MIAMI, FL 33132
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FAX: (954) 744-4738
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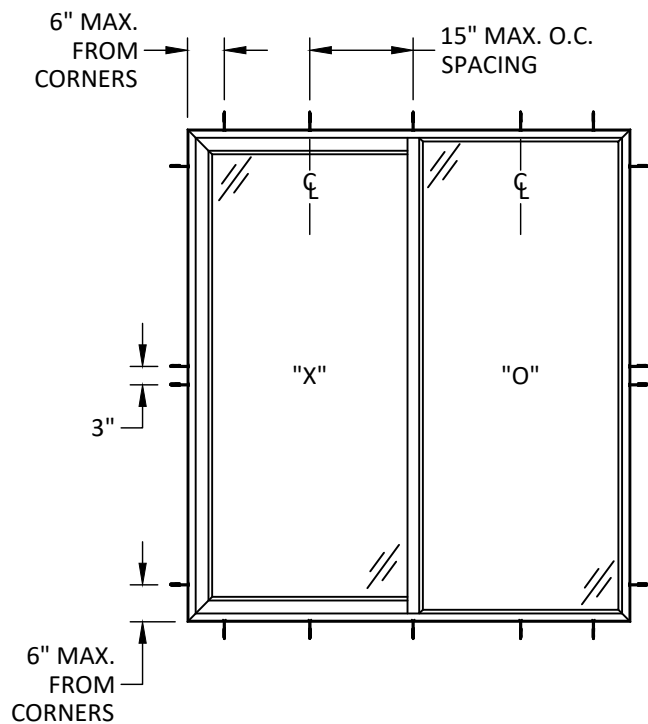
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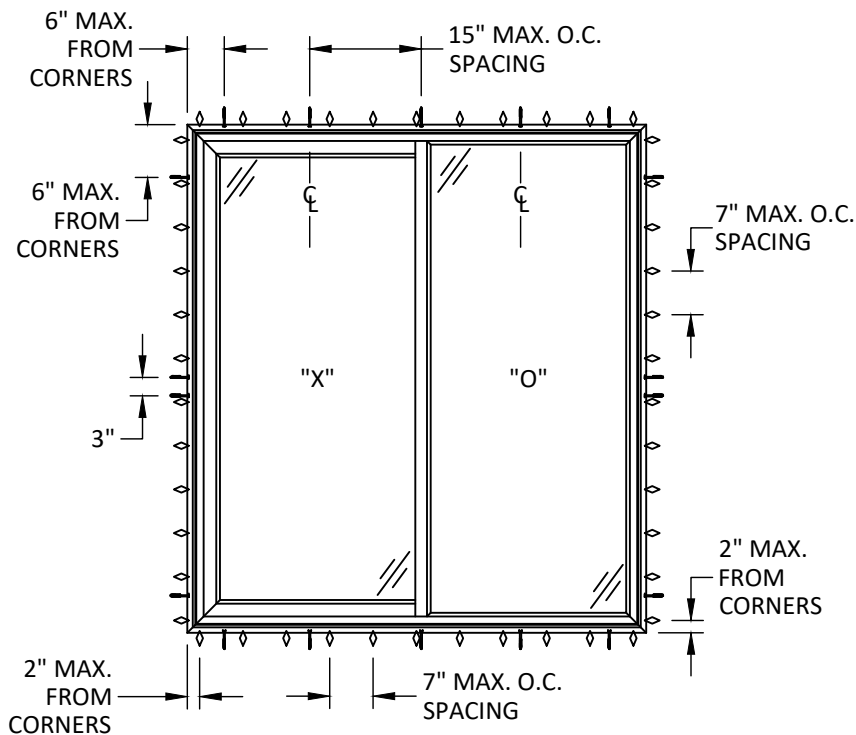


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DATE:	03.17.2026
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JR	HFN
SCALE:	NTS
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SHEET:	2

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ANCHOR LAYOUT
XO SLIDING GLASS DOOR
REPLACEMENT FRAME
THROUGH FRAME INSTALLATION



ANCHOR LAYOUT
XO SLIDING GLASS DOOR
NEW CONSTRUCTION FRAME
THROUGH FRAME INSTALLATION &
NAIL FIN INSTALLATION

LEGEND:
I : THROUGH FRAME INSTALLATION
◇ : NAIL FIN INSTALLATION

PHOS

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PATIO DOOR (NON-HVHZ)
(NON-IMPACT)

ANCHOR LAYOUTS

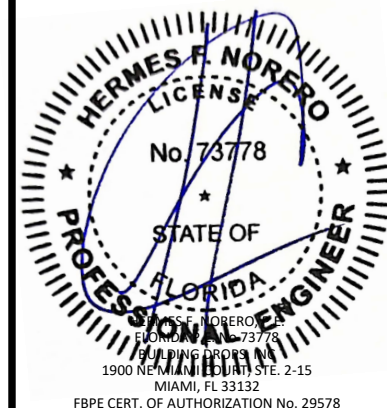
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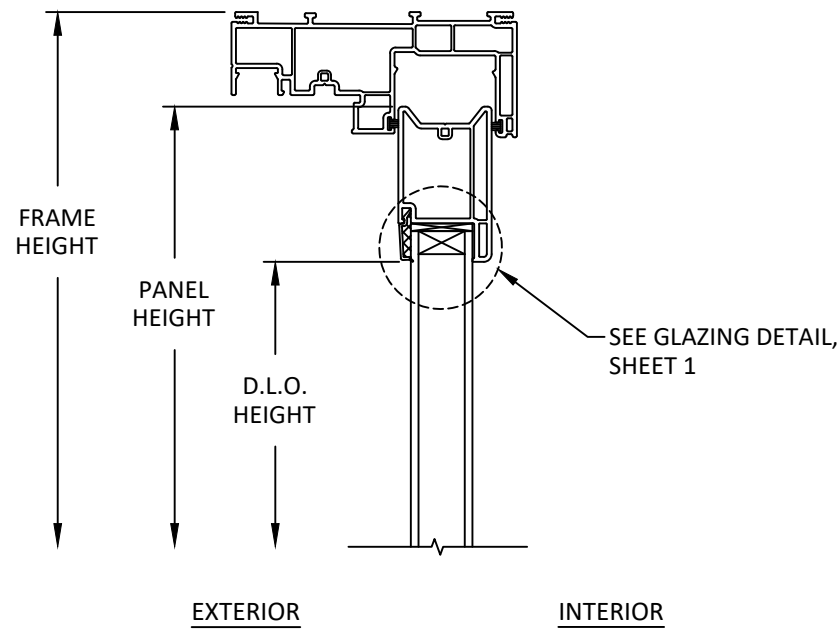
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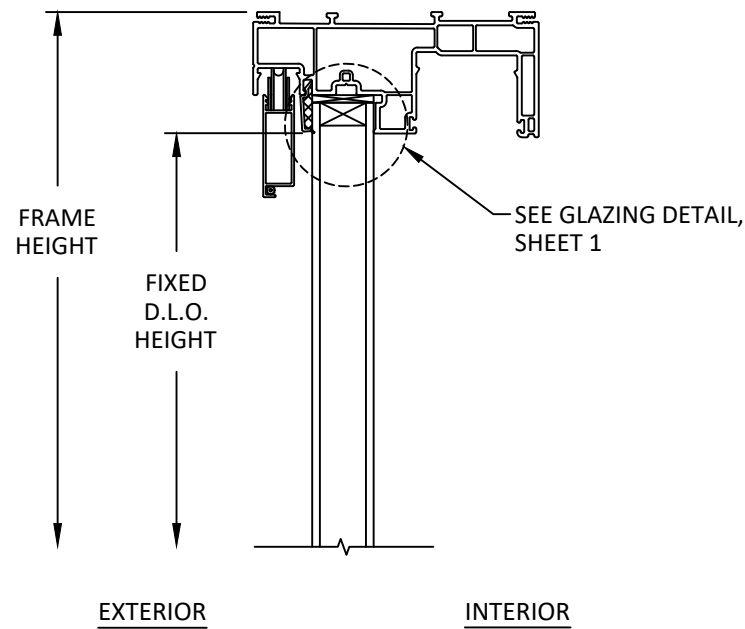


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SHEET:	3 OF 8

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A
4 VERTICAL SECTION
OPERABLE PANEL
REPLACEMENT FRAME



B
4 VERTICAL SECTION
FIXED LITE
REPLACEMENT FRAME

PHOS

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VERTICAL SECTIONS

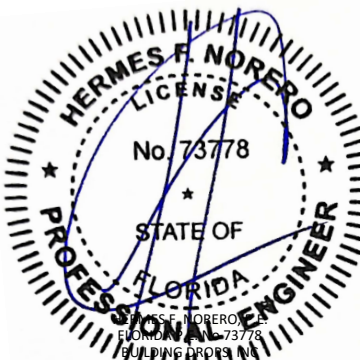
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LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO
No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL48125

DATE: **03.17.2026**

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JR

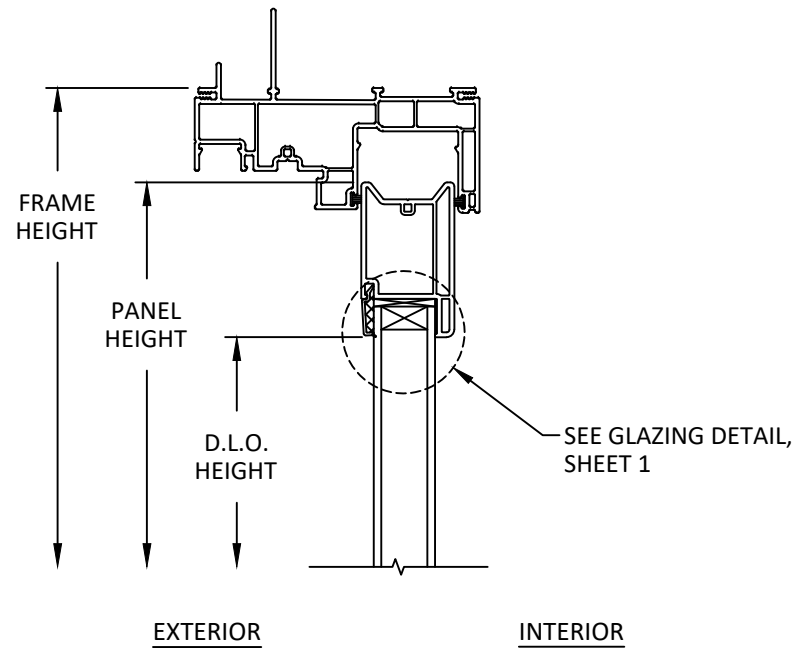
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HFN

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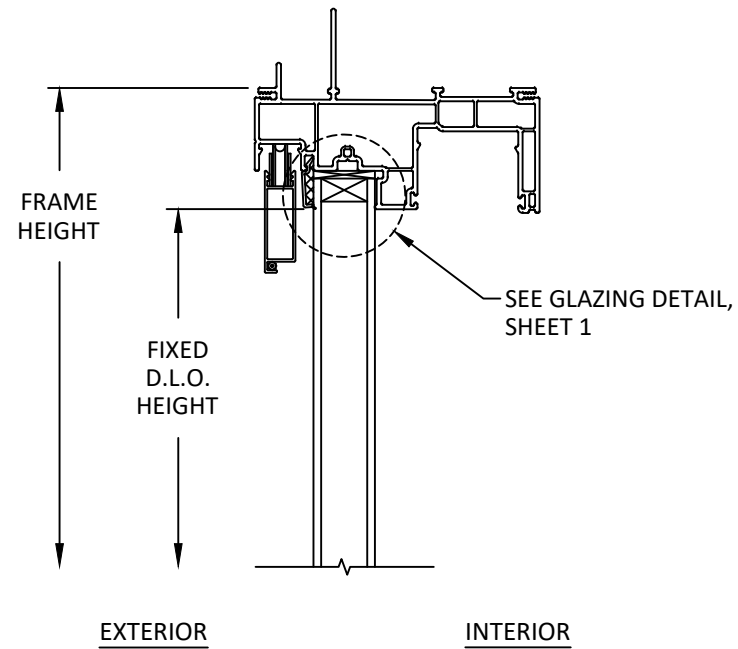
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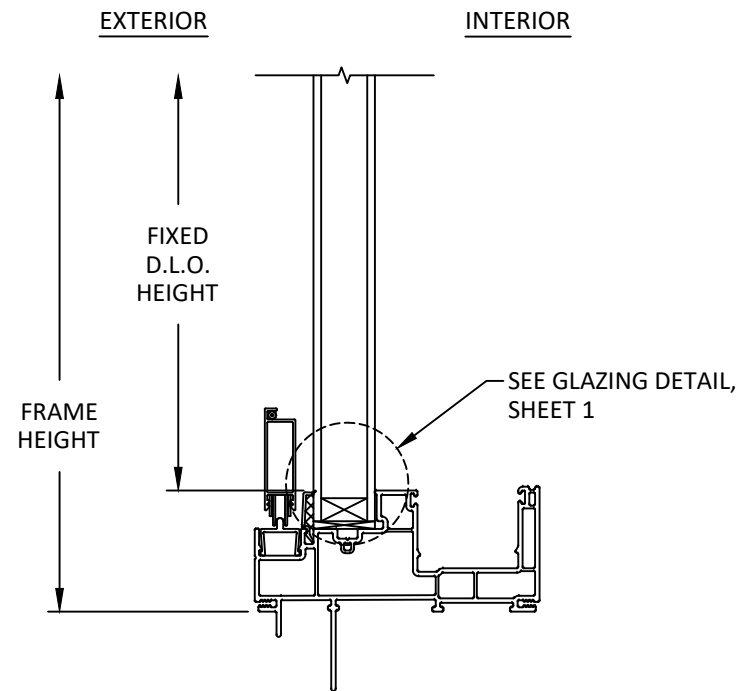
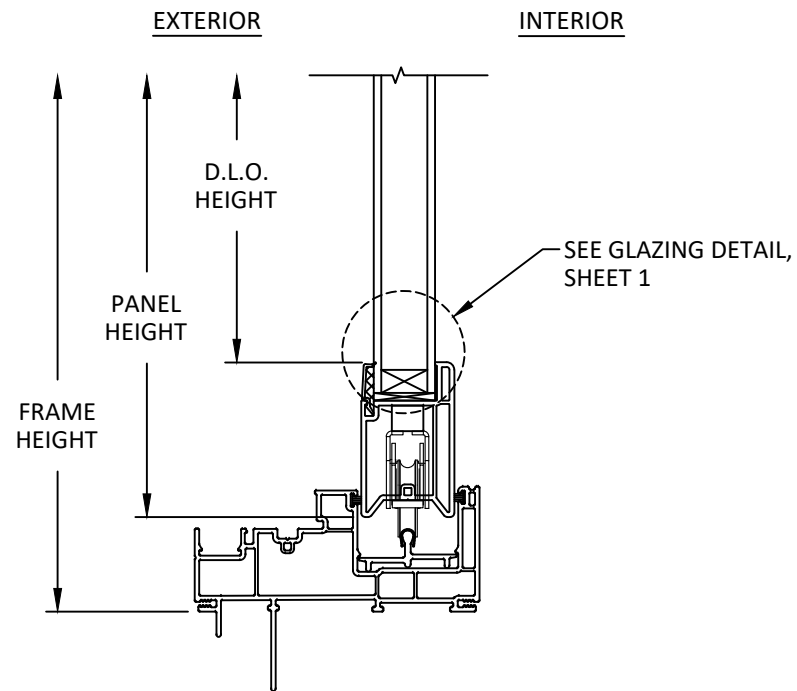
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A
5 VERTICAL SECTION
OPERABLE PANEL
NEW CONSTRUCTION FRAME



B
5 VERTICAL SECTION
FIXED LITE
NEW CONSTRUCTION FRAME



PHOS

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PATIO DOOR (NON-HVHZ)
(NON-IMPACT)

VERTICAL SECTIONS

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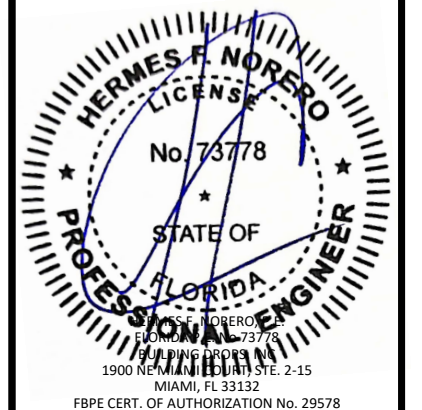
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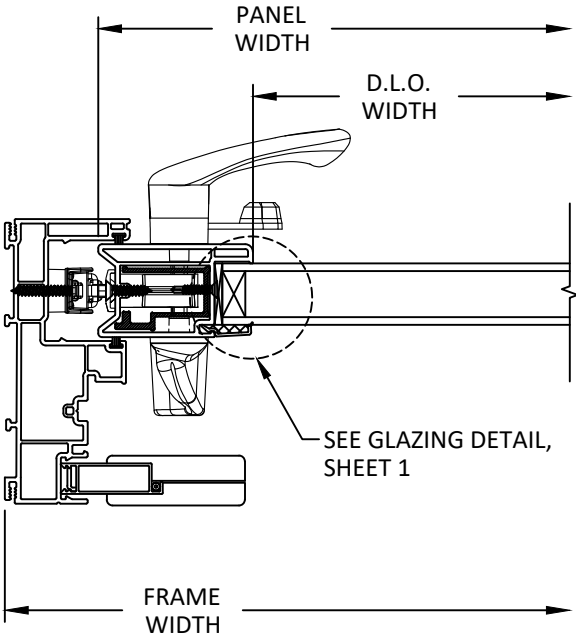
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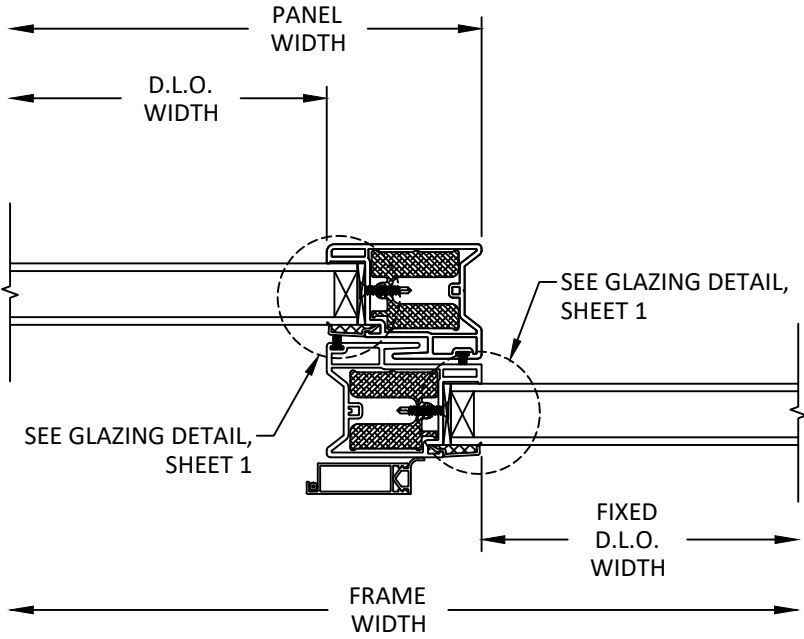


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JR	HFN
SCALE:	NTS
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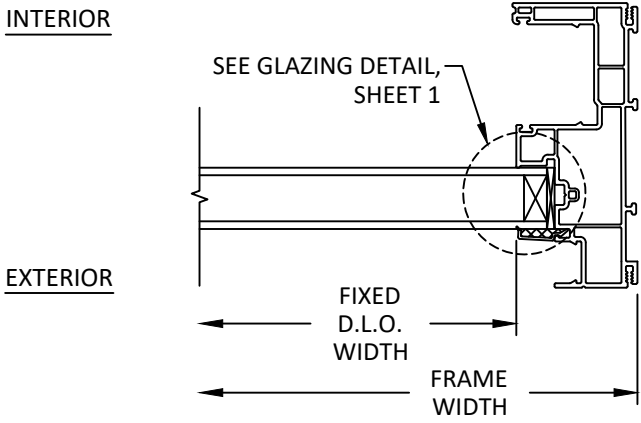
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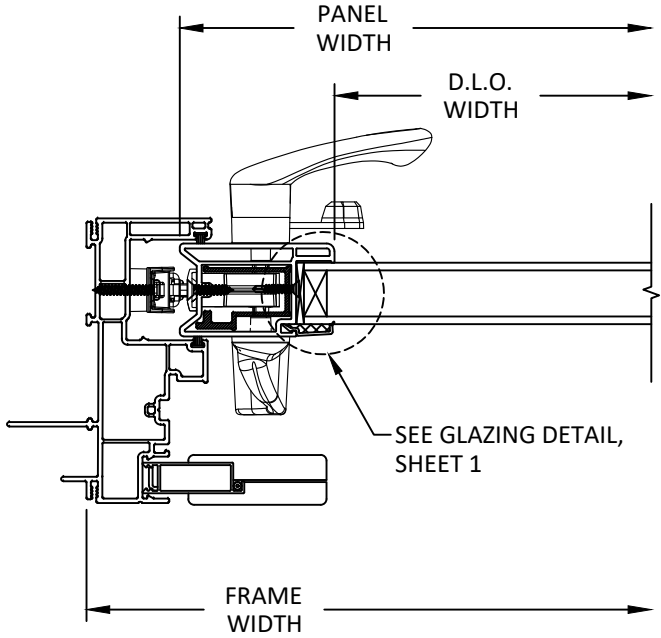
A
6
HORIZONTAL SECTION
LOCK JAMB
REPLACEMENT FRAME



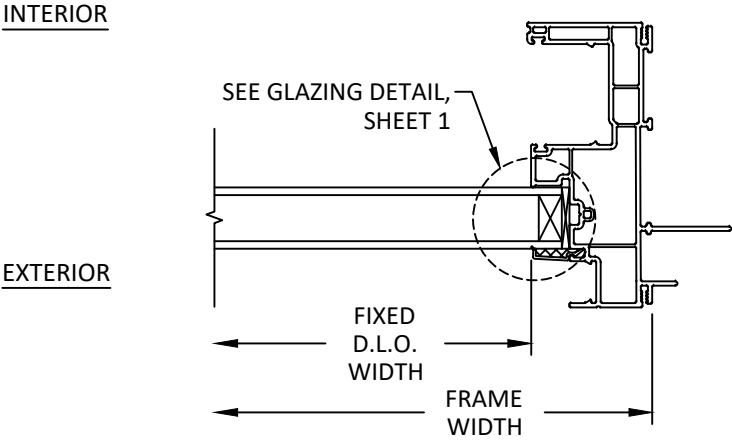
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6
HORIZONTAL SECTION
INTERLOCK



C
6
HORIZONTAL SECTION
FIXED JAMB
REPLACEMENT FRAME



D
6
HORIZONTAL SECTION
LOCK JAMB
NEW CONSTRUCTION FRAME



E
6
HORIZONTAL SECTION
FIXED JAMB
NEW CONSTRUCTION FRAME



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PATIO DOOR (NON-HVHZ)
(NON-IMPACT)

HORIZONTAL SECTIONS

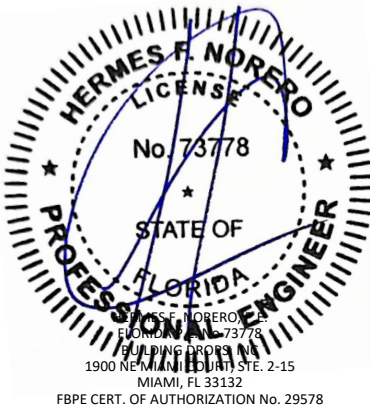
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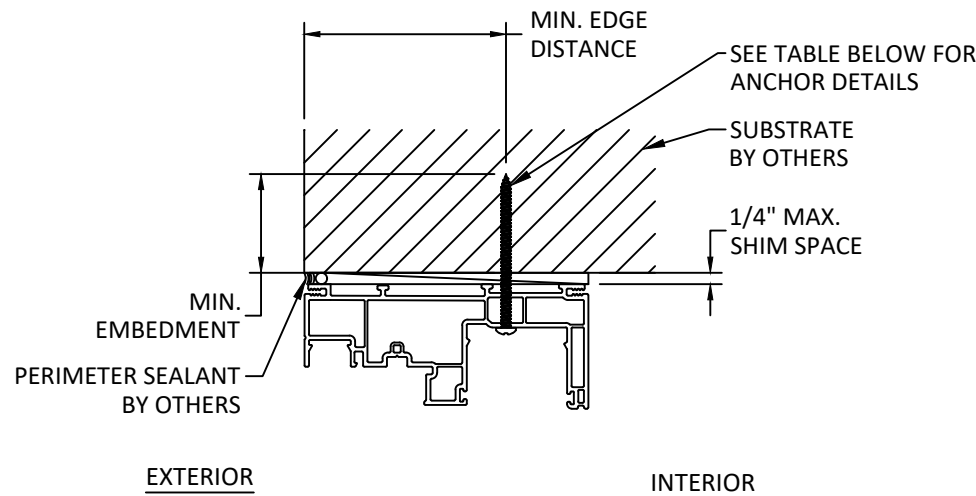
REMARKS	BY	DATE

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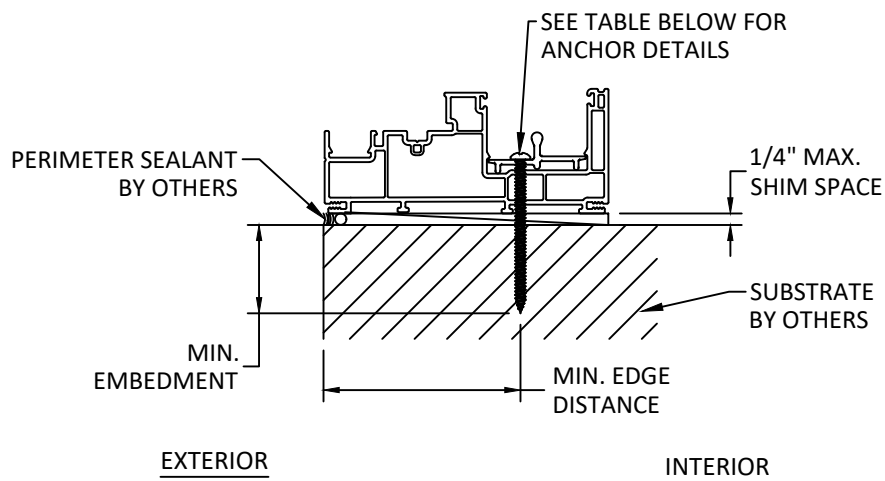


FL #:	FL48125
DATE:	03.17.2026
DWG. BY:	CHK. BY:
JR	HFN
SCALE:	NTS
DWG. #:	PSW002
SHEET:	6

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A
7 **VERTICAL SECTION**
HEAD - THROUGH FRAME
JAMB SIMILAR
REPLACEMENT FRAME



B
7 **VERTICAL SECTION**
SILL - THROUGH FRAME
REPLACEMENT FRAME

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN FOR THROUGH FRAME INSTALLATION OR NAIL FIN INSTALLATION.
- 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.
- 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	WOOD: MIN. SG = 0.55	#8 WOOD SCREW (HEAD, SILL, JAMB) OR #10 WOOD SCREW (KEEPER)	1.50"	0.75"
	METAL: 16 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#8 SELF-DRILLING SCREW (HEAD, SILL, JAMB) OR #10 SELF-DRILLING SCREW (KEEPER)	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.25"	2.50"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.50"
NAIL FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW (HEAD, SILL, JAMB) OR #10 WOOD SCREW (KEEPER)	1.50"	0.75"
	METAL: 16 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#8 SELF-DRILLING SCREW (HEAD, SILL, JAMB) OR #10 SELF-DRILLING SCREW (KEEPER)	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"

PHOS

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TITLE: SERIES 830-PD/800-PD SLIDING PATIO DOOR (NON-HVHZ) (NON-IMPACT)
ANCHOR DETAILS, ANCHOR SCHEDULE, & INSTALLATION NOTES

PREPARED BY:

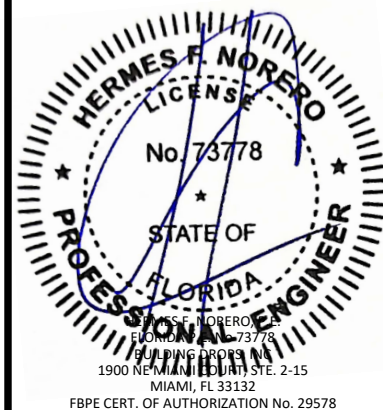
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FL #:

FL48125

DATE: **03.17.2026**

DWG. BY: JR	CHK. BY: HFN
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SCALE: **NTS**

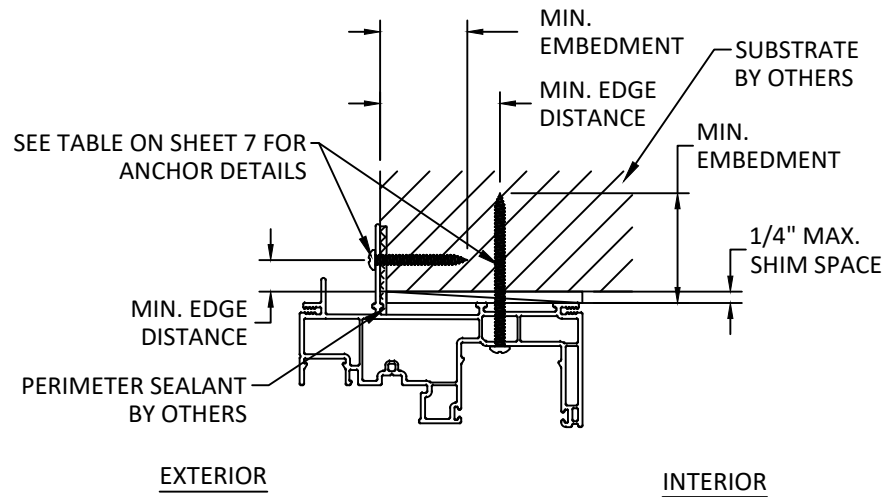
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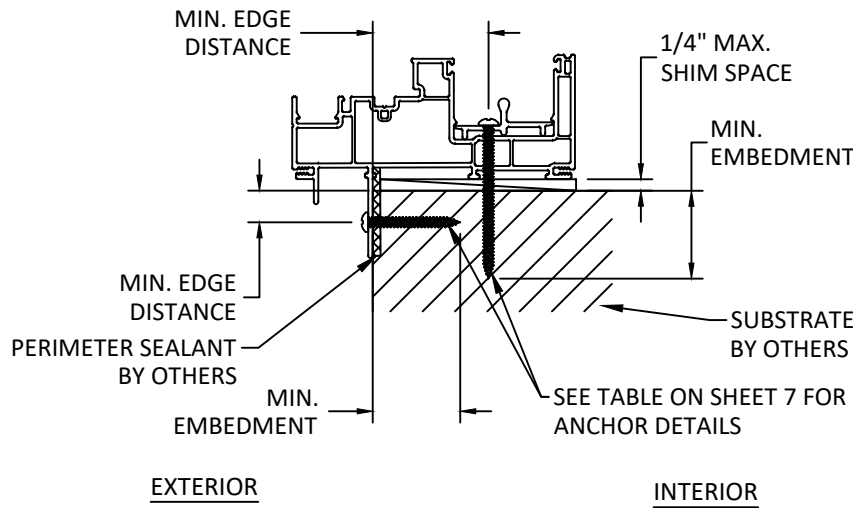
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A
8 VERTICAL SECTION
HEAD - THROUGH FRAME / NAIL FIN
JAMB SIMILAR
NEW CONSTRUCTION FRAME



B
8 VERTICAL SECTION
SILL - THROUGH FRAME / NAIL FIN
NEW CONSTRUCTION FRAME



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TITLE: SERIES 830-PD/800-PD SLIDING
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ANCHOR DETAILS

PREPARED BY:

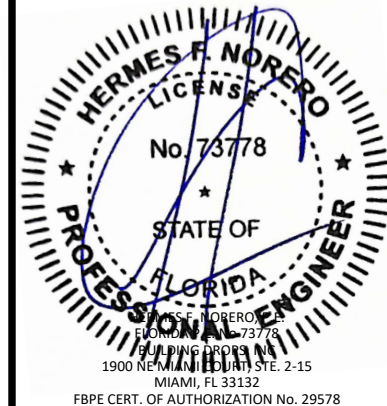
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SHEET:
8
OF 8