

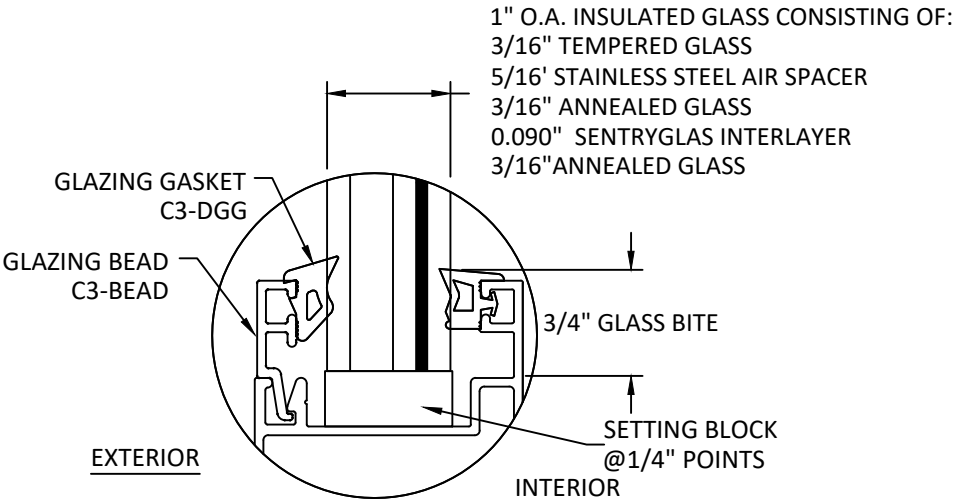
EURO-WALL SYSTEMS

EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM

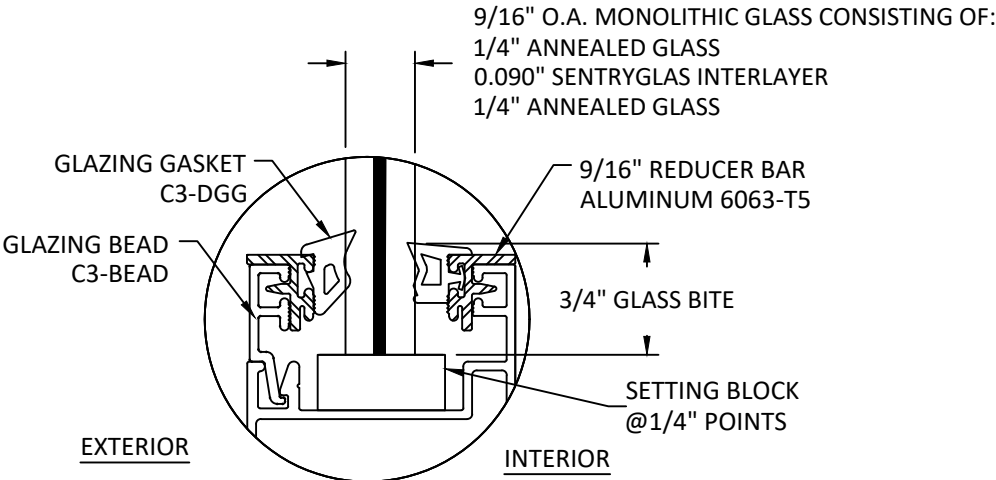
(WZ3)(IMPACT)

GENERAL NOTES:

- 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
 - ASTM E1886-12
 - ASTM E1996-12
 - ASTM C864-05
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD 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.
- 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** TO PROTECT THIS PRODUCT IN WIND ZONE 3 OR LESS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN WIND ZONE 4.
- FRAME MATERIAL: *ALUMINUM 6063-T5*.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.



GLAZING DETAIL 1



GLAZING DETAIL 2

GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	ELEVATIONS
3	ANCHOR LAYOUTS AND DESIGN PRESSURE TABLE
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS



EURO-WALL SYSTEMS, LLC
24100 TISEO BOULEVARD
P.O. BOX 1000, FL 33980
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TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM (WZ3)(IMPACT)

GENERAL NOTES AND GLAZING DETAILS

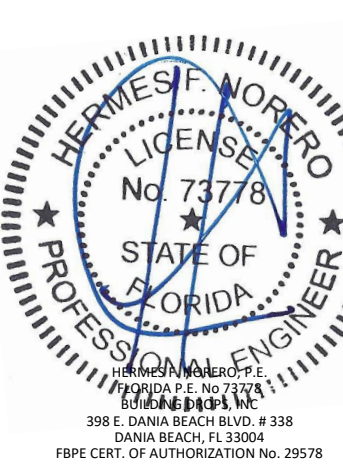
PREPARED BY:

BUILDING DROPS, INC.

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SHEET
1

OF 6



– 312 5/8" FRAME WIDTH



IN-SWING DOOR

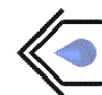
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ELEVATIONS

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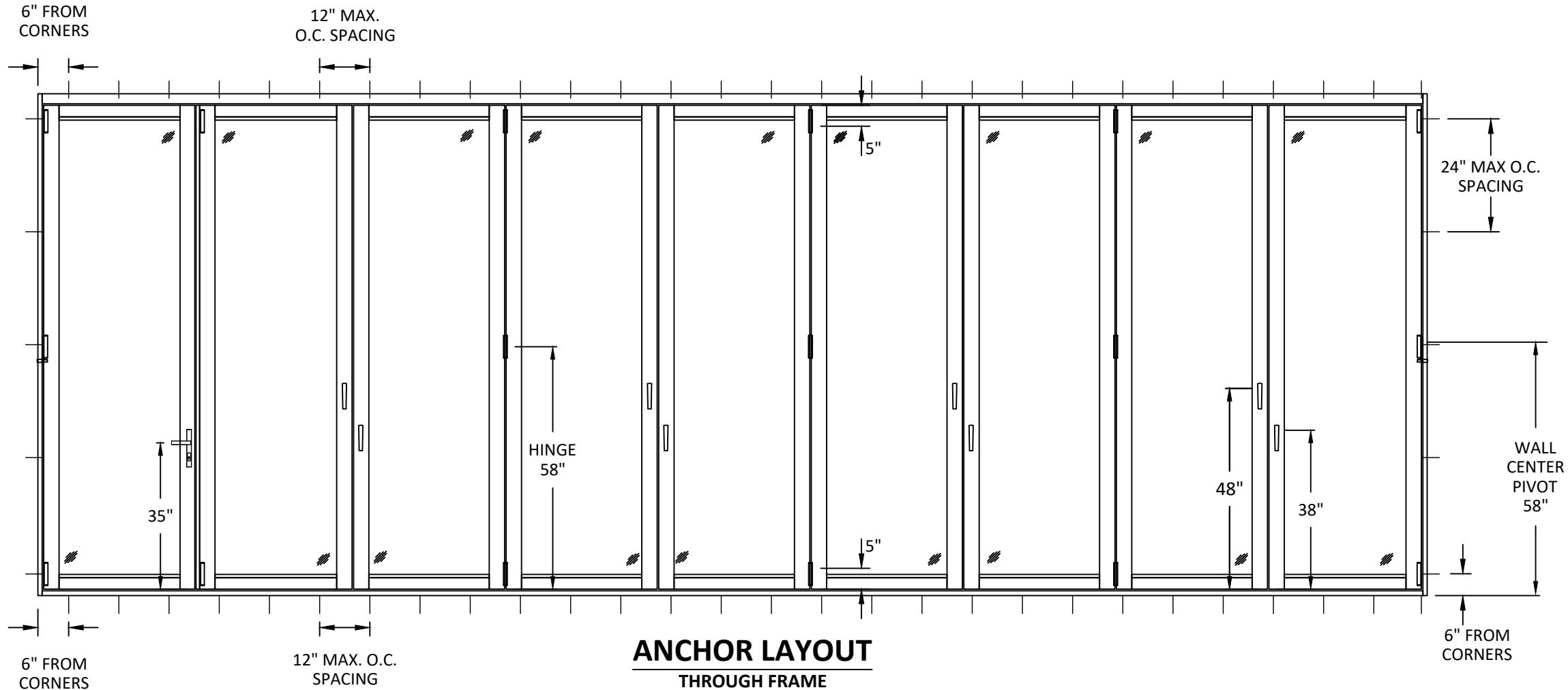


398 E. DANIA BEACH BLVD. # 338
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BPE CERT. OF AUTHORIZATION No. 2

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2

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DESING PRESSURE TABLE (+/- PSF)										
NOMINAL PANEL WIDTH (INCHES)										
PANEL HEIGHT (INCHES)		20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0
	72.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0
	78.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	75.0
	84.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	+60.0/-65.0
	90.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	+60.0/-65.0	+60.0/-65.0
	96.0	100.0	100.0	100.0	100.0	100.0	75.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	102.0	100.0	100.0	100.0	98.7	88.6	75.0	+60.0/-65.0	+60.0/-65.0	-
	108.0	100.0	100.0	93.8	82.8	75.0	+60.0/-65.0	+60.0/-65.0	-	-
	114.0	100.0	92.2	79.5	75.0	75.0	+60.0/-65.0	+61.2/-65.0	-	-
	120.0	94.2	78.9	75.0	75.0	+60.0/-65.0	+58.6/-63.5	-	-	-
	126.0	81.3	75.0	74.4	65.5	60.2	54.6	-	-	-
	132.0	75.0	75.0	65.0	58.4	52.2	-	-	-	-
	138.0	75.0	65.6	58.0	51.0	45.6	-	-	-	-
	144.0	69.0	59.2	51.0	44.8	-	-	-	-	-

NOTE : APPLIES TO BOTH INSWING AND OUTSWING CONFIGURATIONS, RADIUSED AND SEGMENTED INSTALLATIONS.

NOTE :

FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 6

NOTE:

SIZES SHOWN ON SHEET 2 ARE BASED ON TESTING, OTHER APPROVED CONFIGURATIONS ARE AS FOLLOWS:

1. 1 PANEL - 1L, 1R
2. 2 PANEL - 2L, 2R, 1L 1R
3. 3 PANEL - 3L, 3R, 2L 1R, 1L 2R
4. 4 PANEL - 4L, 4R, 3L 1R, 1L 3R, 2L 24
5. 5 PANEL - 5L, 5R, 4L 1R, 1L 4R, 3L 2R, 2L 3R
6. 6 PANEL - 6L, 6R, 5L 1R, 1L 5R 4L 2R, 2L 4R, 3L 3R,
7. 7 PANEL - 7L, 7R, 6L-1R, 1L-6R, 5L-2R,2L-5R,4L-3R,3L-4R
8. 8 PANEL - 8L, 8R, 7L-1R,1L-7R, 6L-2R, 2L-6R, 5L-3R, 3L-5R, 4L-4R

OVERALL FRAME AREA SHALL NOT EXCEED 415 FT² (1.5 X TESTED FRAME AREA).

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TITLE: EURO-C3 BIFOLD
ALUMINUM DOOR SYSTEM
(WZ3)/(IMPACT)

ANCHOR LAYOUTS AND DESIGN
PRESSURE TABLE

PREPARED BY:

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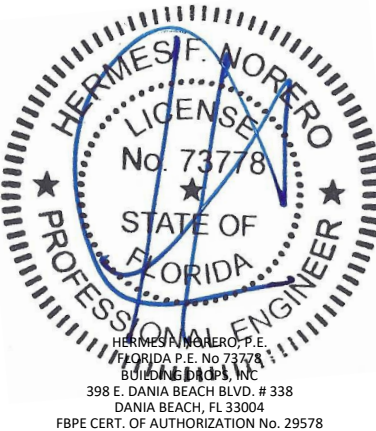


REMARKS

BY

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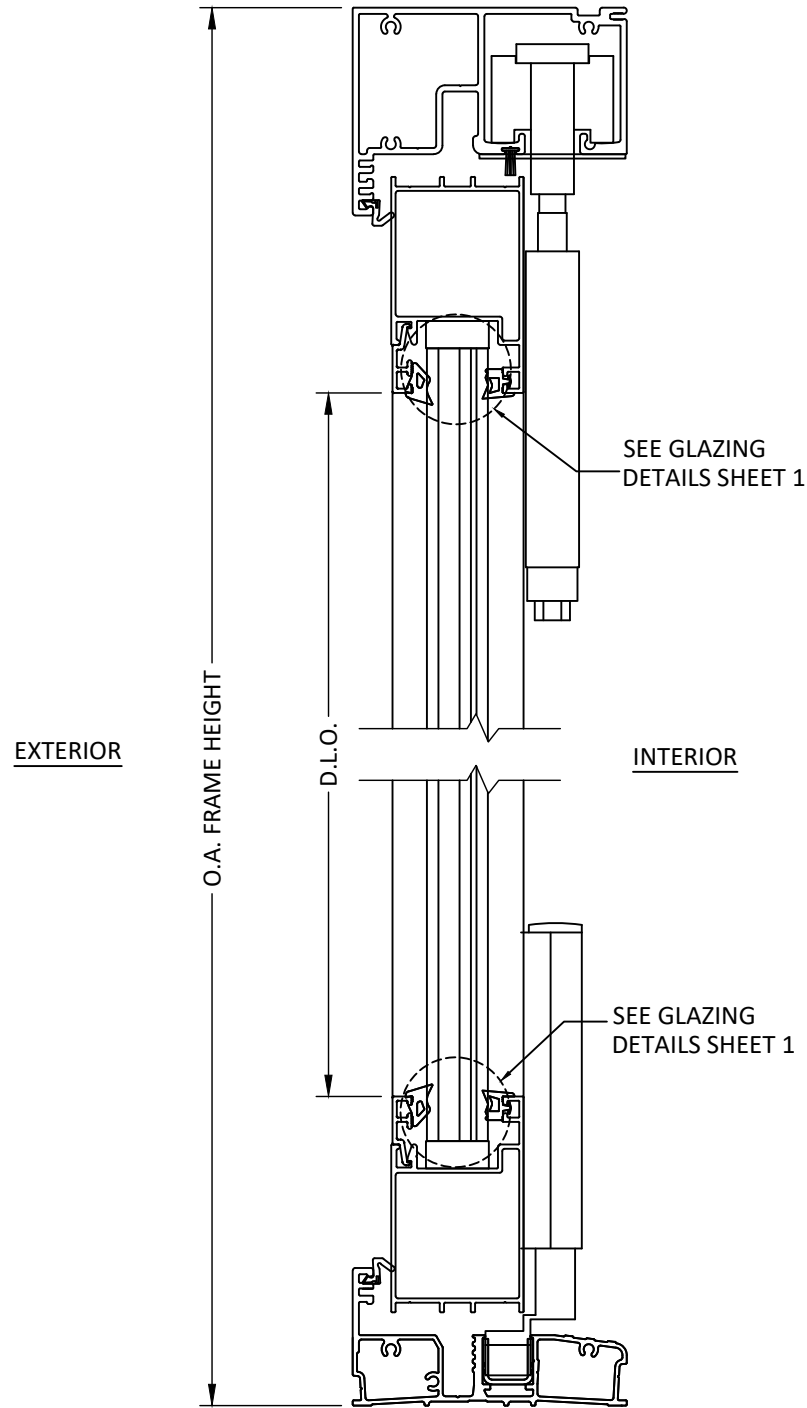
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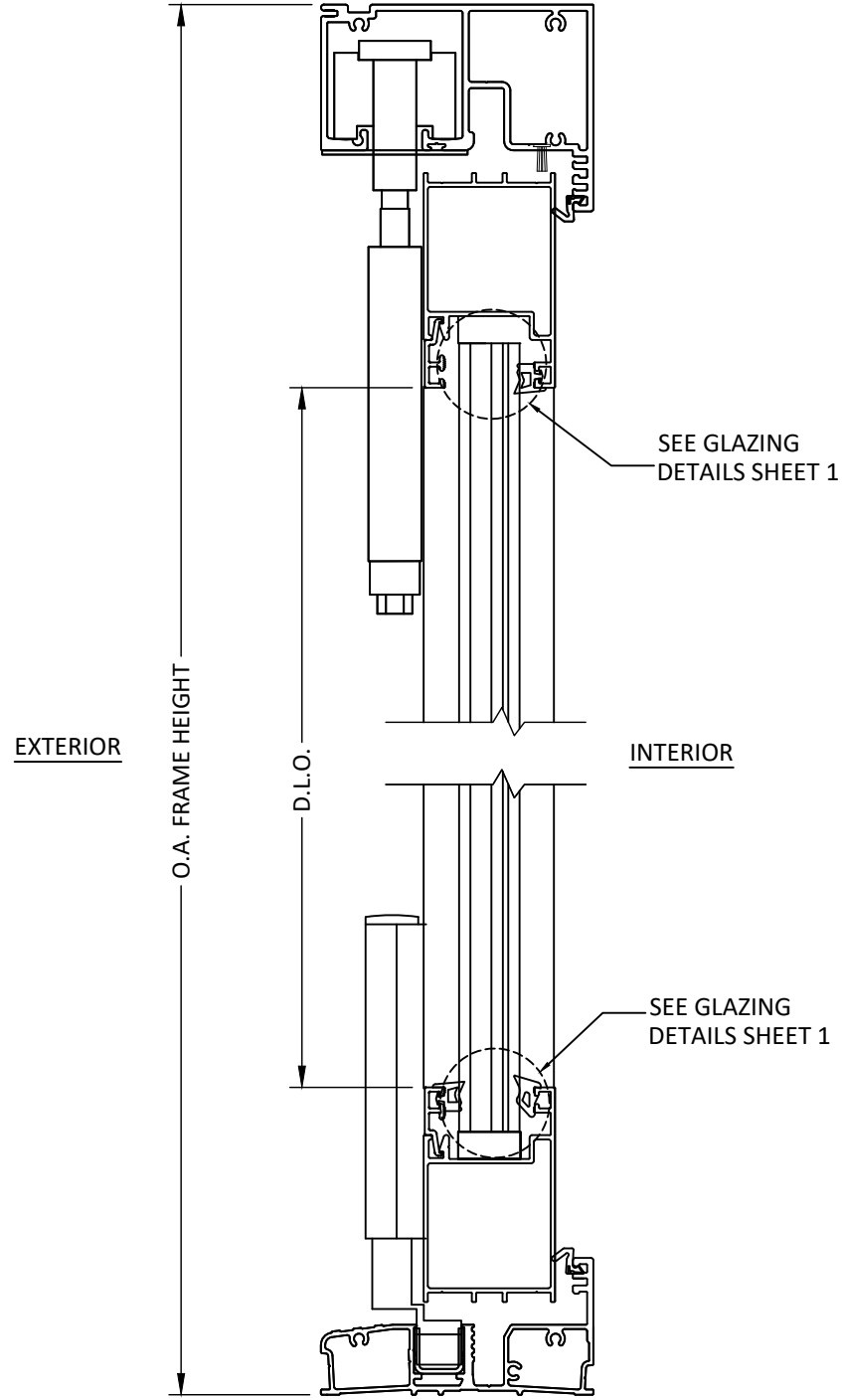
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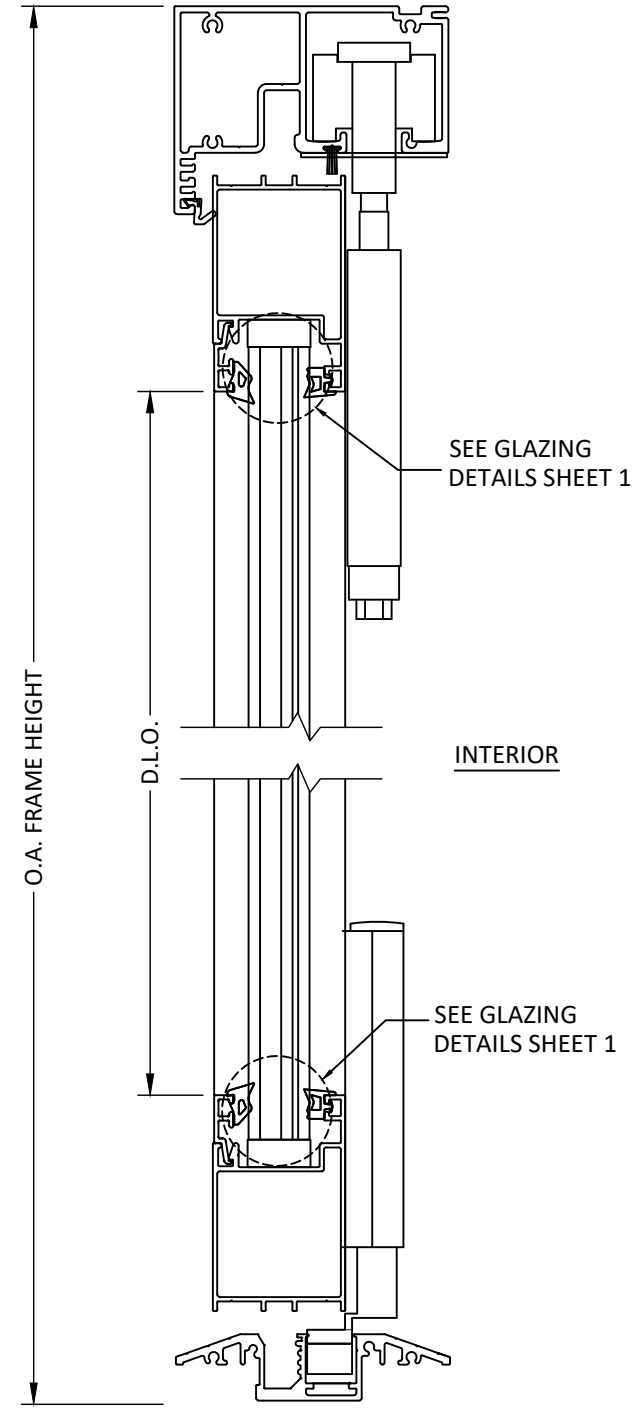


A
4 **VERTICAL SECTION**
HEAD AND SILL OUT-SWING DOOR



B
4 **VERTICAL SECTION**
HEAD AND SILL DETAIL IN-SWING DOOR

NOTE:
SILL NOT APPROVED FOR WATER
PENETRATION.



C
4 **VERTICAL SECTION**
HEAD AND ADA SILL DETAIL OUT-SWING DOOR

NOTE:
SILL NOT APPROVED FOR WATER
PENETRATION.

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VERTICAL SECTIONS

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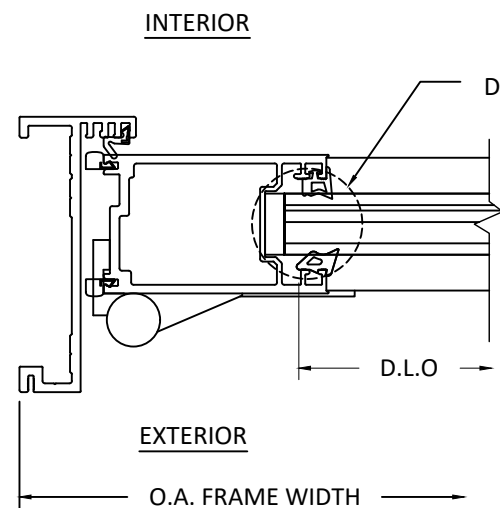
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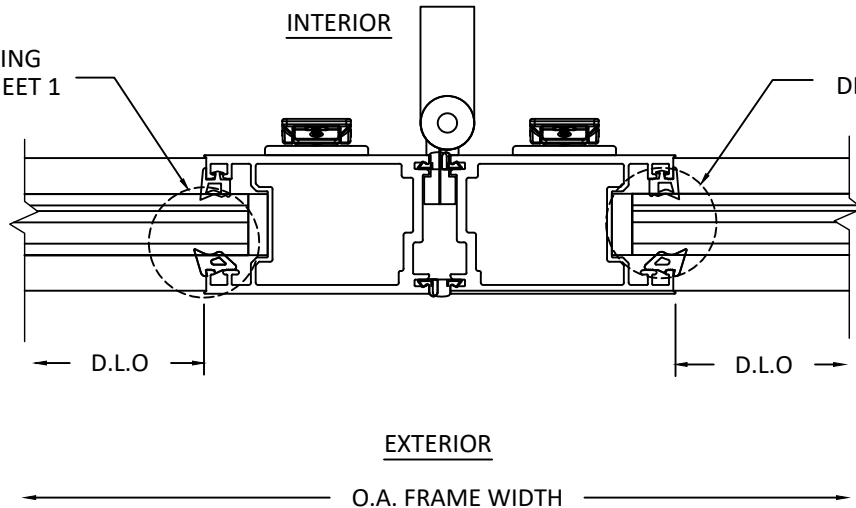
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SCALE:	NTS
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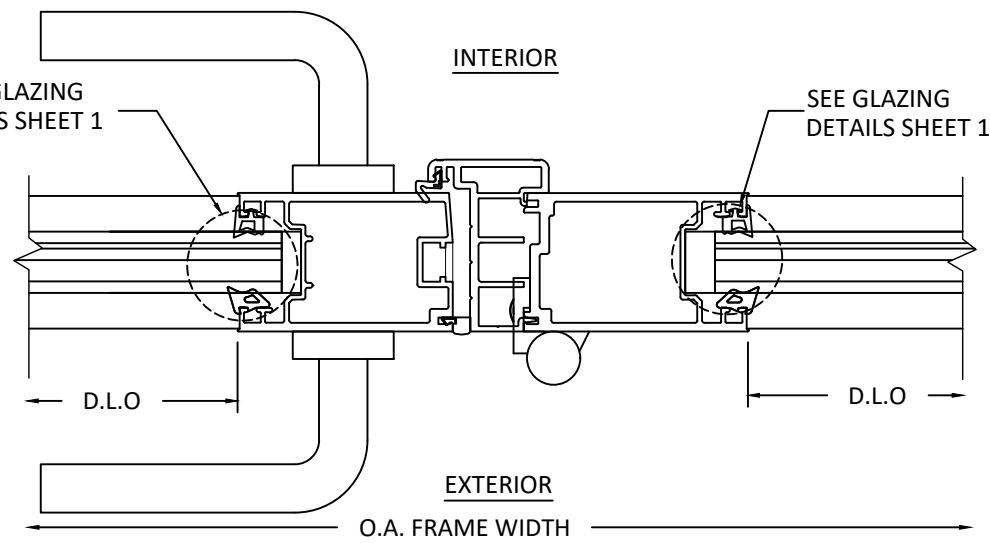
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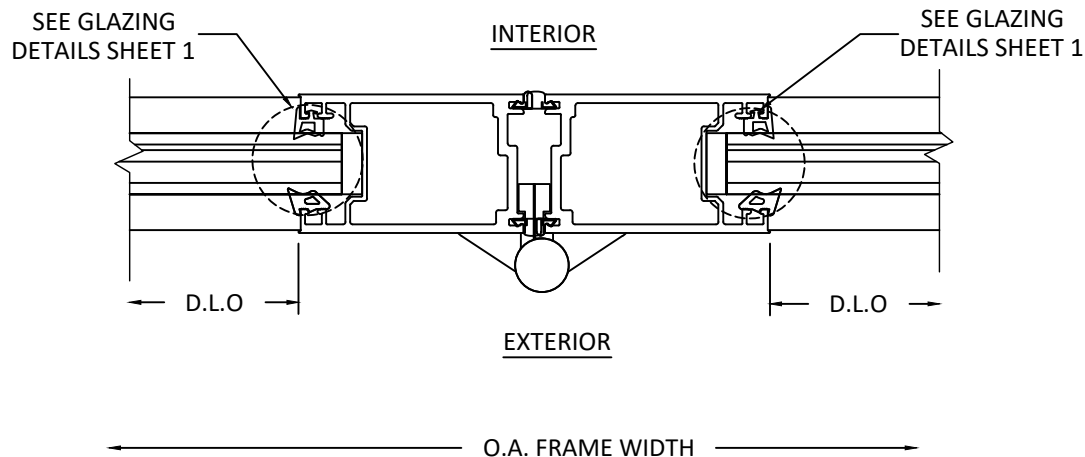
A
5 **HORIZONTAL SECTION**
JAMB DETAIL/ OUT-SWING



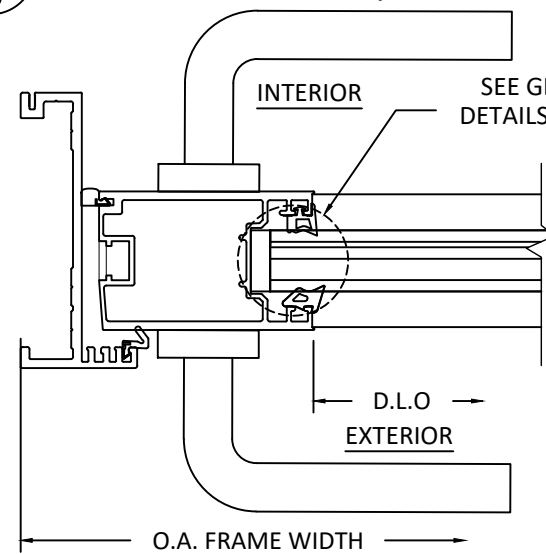
B
5 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ OUT-SWING



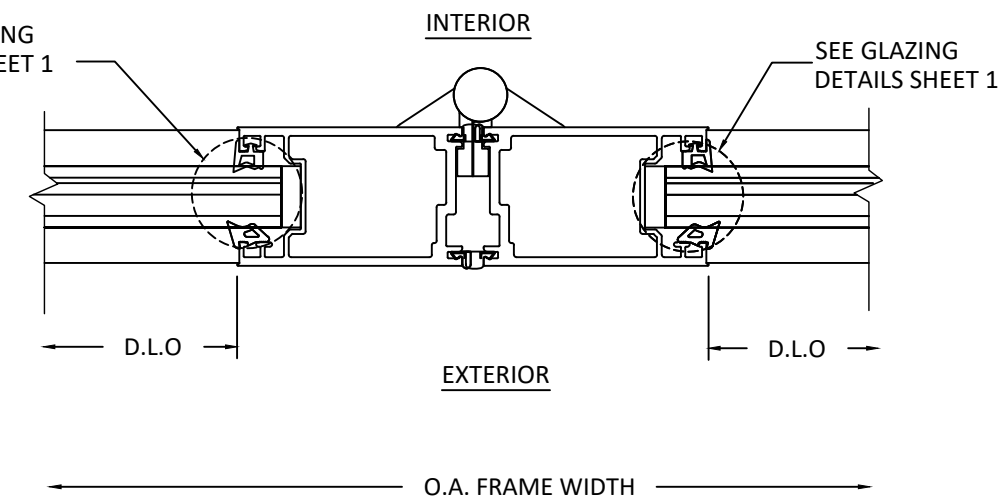
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5 **HORIZONTAL SECTION**
DOOR HANDLE DETAIL/ OUT-SWING



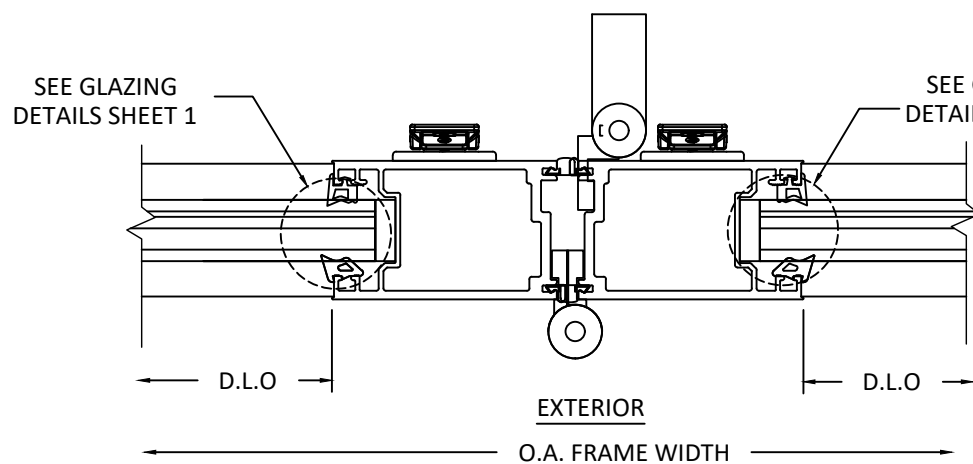
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5 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ OUT-SWING
INTERIOR



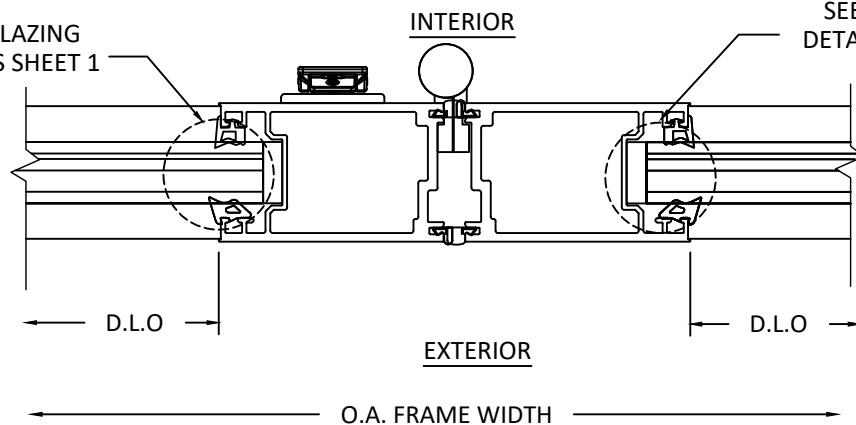
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5 **HORIZONTAL SECTION**
JAMB DETAIL WITH HANDLE/ IN-SWING



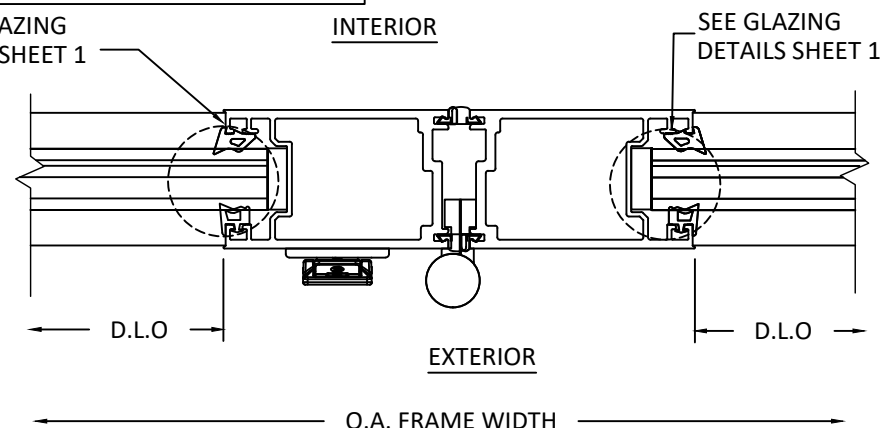
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5 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ IN-SWING



G
5 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ IN-SWING



H
5 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ OUT-SWING



I
5 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ IN-SWING

NOTE: DETAIL H/5 & I/5 ARE APPLICABLE FOR CONFIGURATIONS LISTED ON SHEET 2 WHEN PANELS DO NOT EXCEED 30 FT²

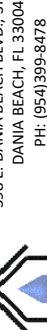
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PH: (888) 989-3876

TITLE: **EURO-C3 BIFOLD**
ALUMINUM DOOR SYSTEM
(WZ3)/(IMPACT)

HORIZONTAL SECTIONS

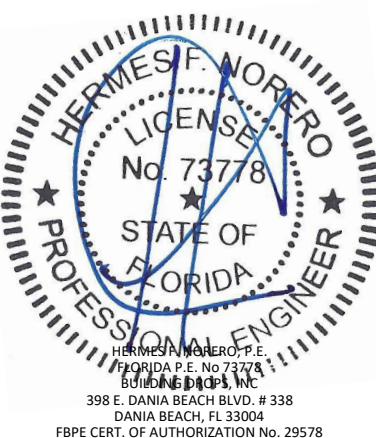
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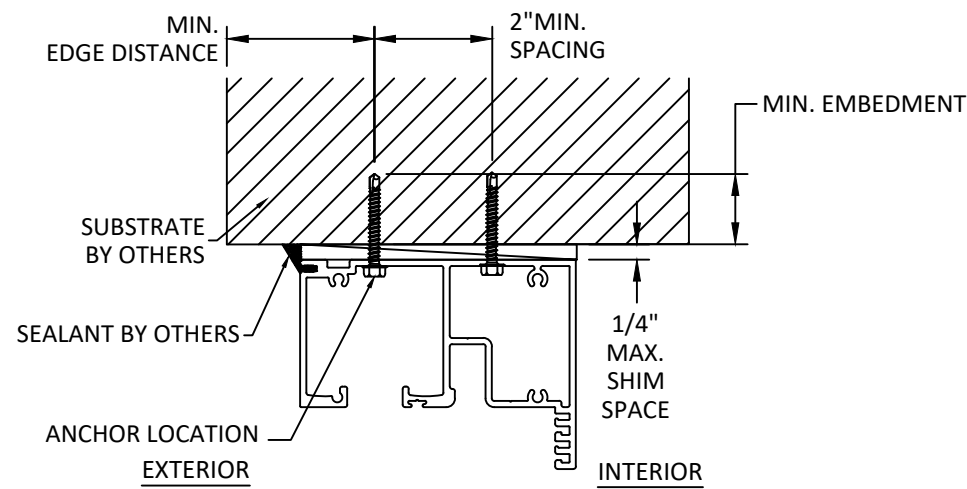
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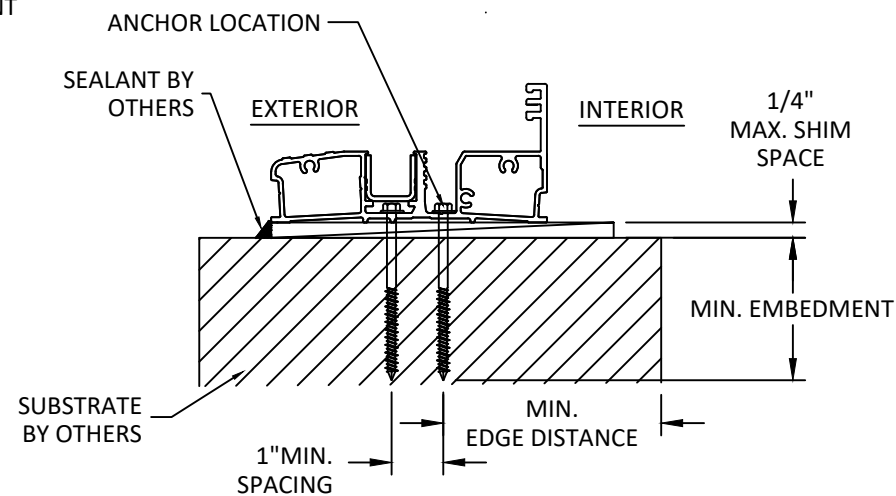
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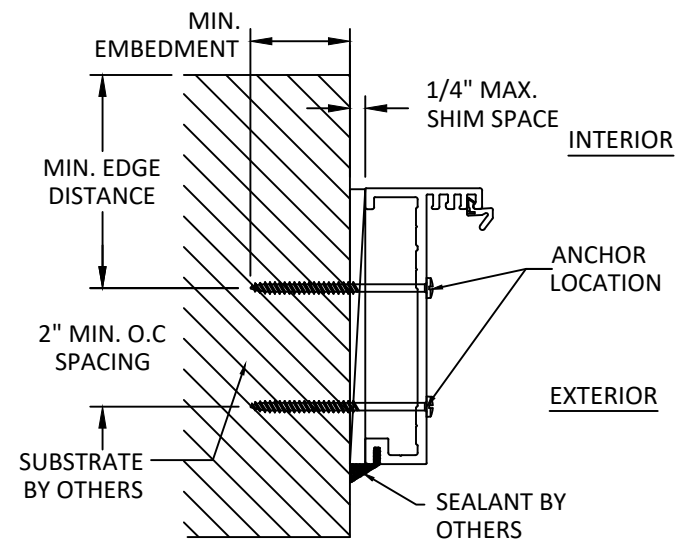
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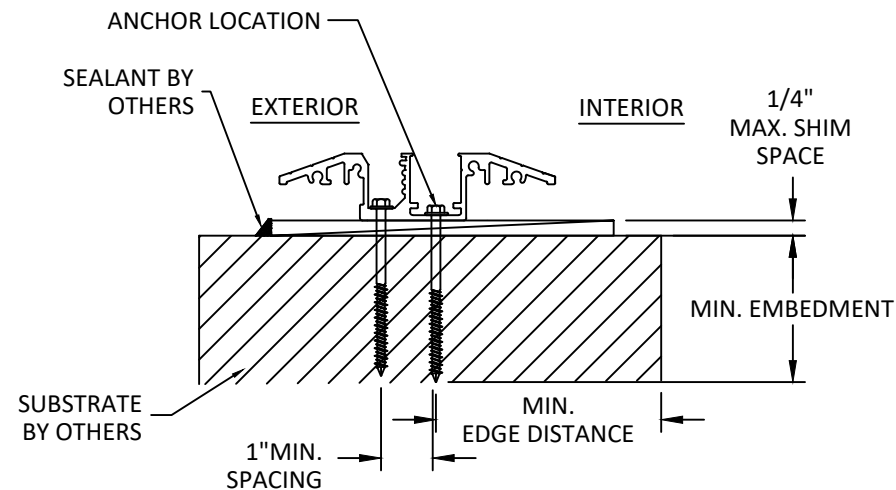
A
6 **ANCHOR DETAIL**
HEAD - THROUGH FRAME



B
6 **ANCHOR DETAIL**
STANDARD SILL - THROUGH FRAME
INSWING/OUTSWING



C
6 **ANCHOR DETAIL**
JAMBS - THROUGH FRAME



D
6 **ANCHOR DETAIL**
ADA SILL - THROUGH FRAME

INSTALLATION NOTES:

- TWO (2) INSTALLATION ANCHORS REQUIRED AT EACH LOCATION SHOWN.
- OPTIONAL 1X AND 2X WOOD STUDS FOR CONCRETE/CMU INSTALLATION.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- 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 3/8 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 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					
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
THRU FRAME	2	WOOD (MIN. S.G. = 0.55)	#14 WOOD SCREW	1.5000	0.7500
	2	CONCRETE (MIN. F'C = 2,000 psi) OR CMU (PER ASTM C90)	1/4" ITW TAPCON	1.7500	2.5000
	2	METAL STUD (STEEL MIN. 18GA, Fy = 33ksi)	1/4" SMS OR SELF DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL WALL	0.5000
		ALUMINUM MIN 1/8", 6063-T5)			

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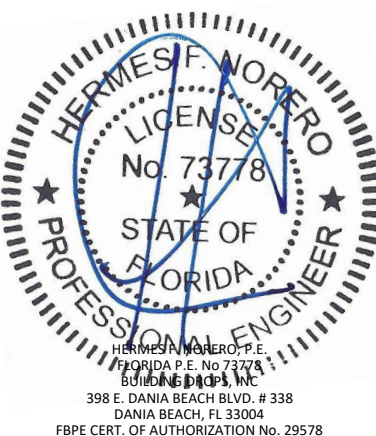
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6