

ALUCORP S.A. DE C.V.

SERIES 76AD OUTSWING

FRENCH DOOR

(HVHZ)(IMPACT)

GENERAL NOTES:

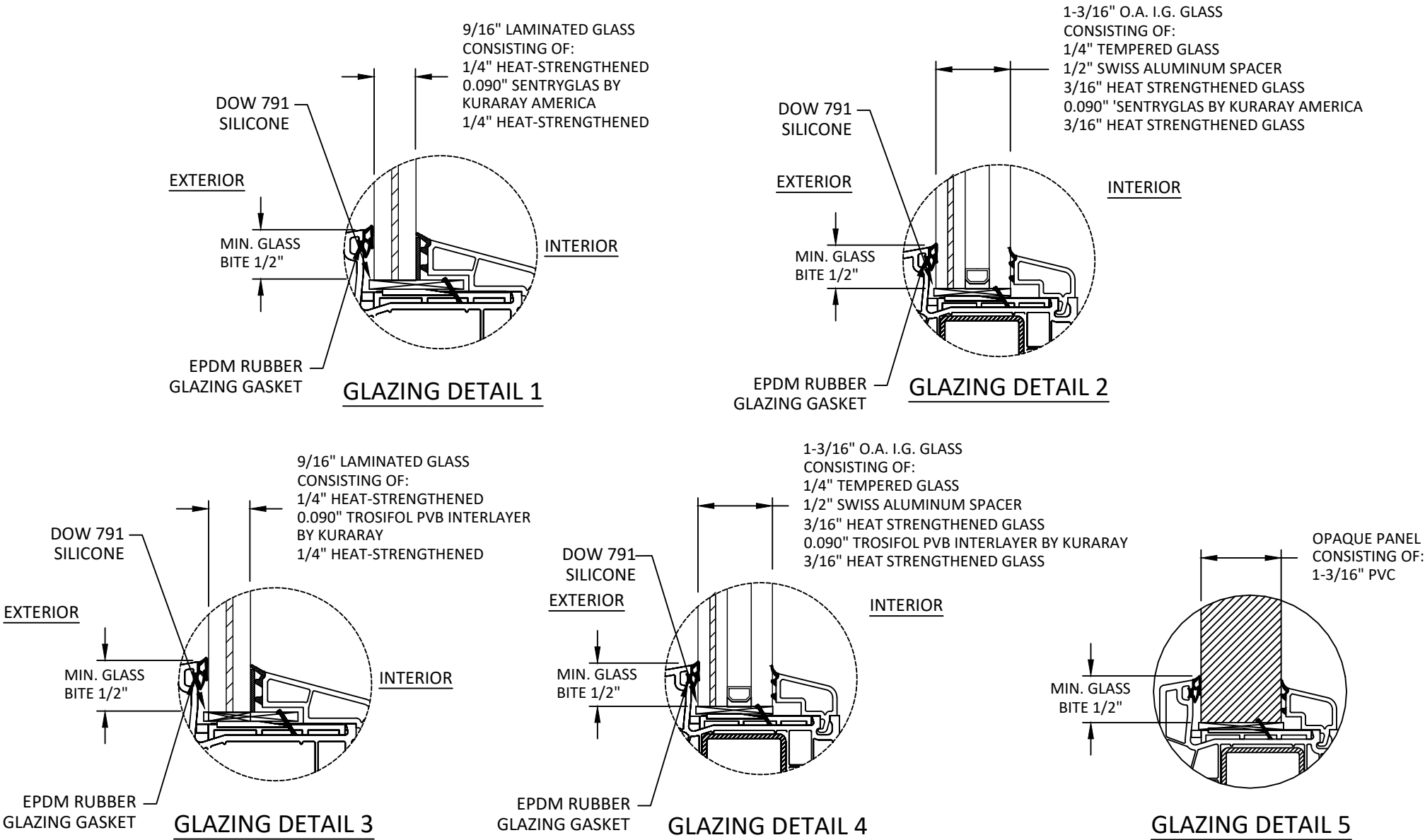
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: uPVC
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

NOTE:

- GLASS TYPE AND THICKNESS COMPLY WITH ASTM E-1300 GLASS CHART REQUIREMENTS.
- ALL GLAZING CONFIGURATIONS COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN THE CURRENT FBC.
- SETTING BLOCK SHOULD BE 70-90 DUROMETER AS PER CH 24 OF THE CURRENT FBC.
- GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE SETTING BLOCKS AT 1/4 SPAN FROM CORNERS.

MAX OVERALL SIZE		CONFIG.	DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
44"	120"	X	+/- 120 PSF	LMI
88"	120"	XX	+/- 120 PSF	LMI

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7	INSTALLATION NOTES AND ANCHOR DETAILS
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ALUCORP S.A. DE C.V.
CALLE 2 TABLAJE 17439 INT C X 21Y
25 CHICHI SUAREZ, MERIDA
YUCATAN, MEXICO

TITLE: SERIES 76AD OUTSWING
FRENCH DOOR
(HVHZ)(IMPACT)
GENERAL NOTES &
GLAZING DETAILS

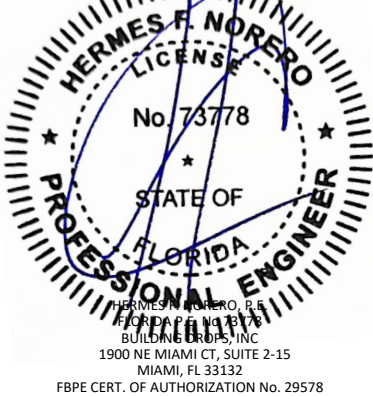
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



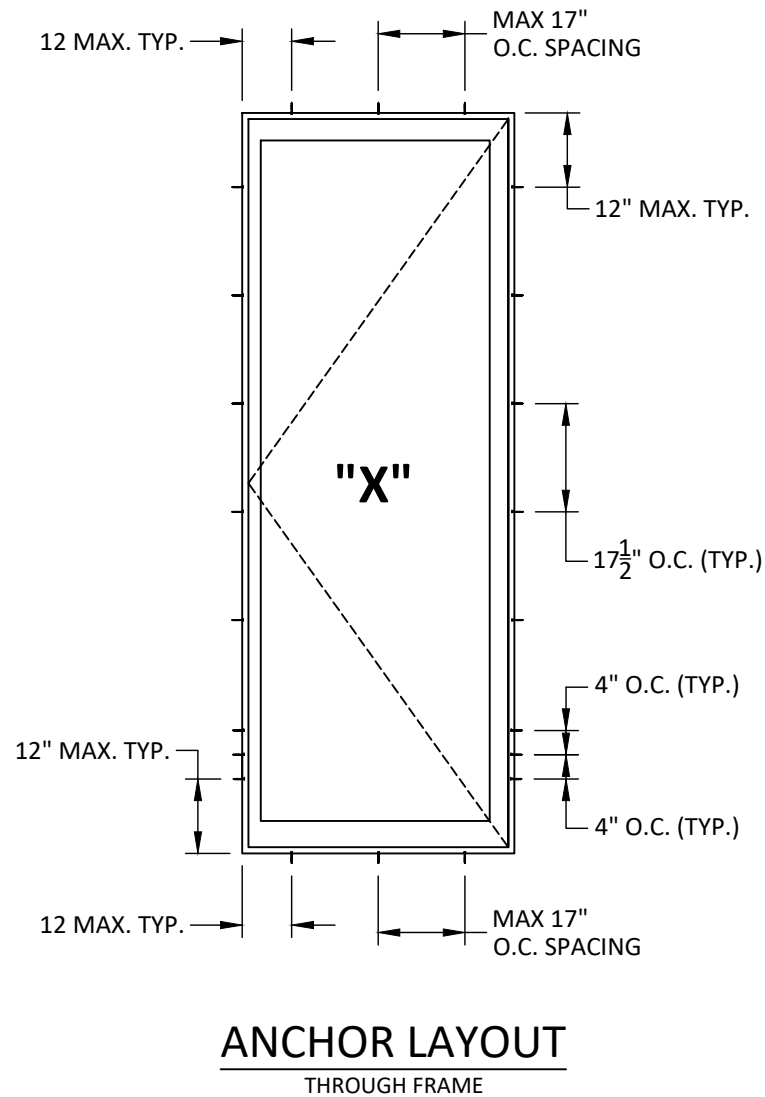
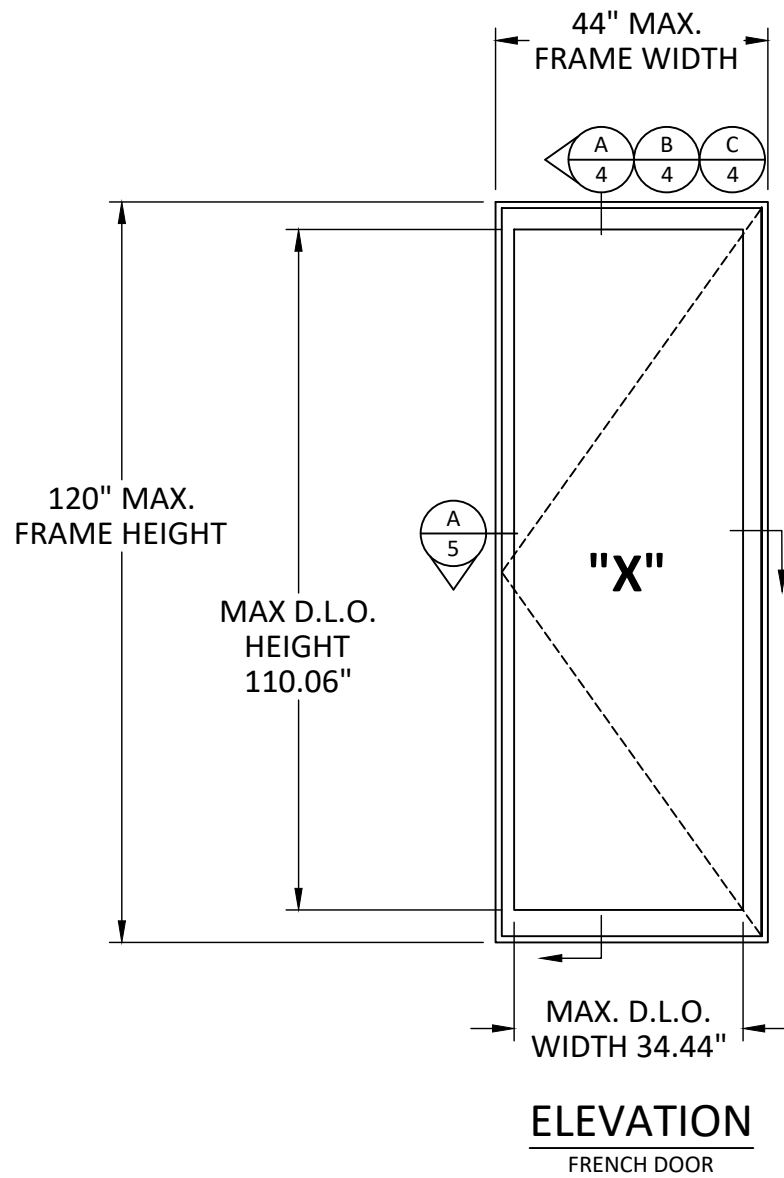
REMARKS	BY	DATE
2026 CODE CHANGE	OS	09.14.2026

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.10.06 16:54:17 -07'00'



FL#	FL47616	
DATE:	06.16.25	
DWG. BY:	DB	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	ALP018	
SHEET:	1	REV. A
OF 8		



INTERALUM

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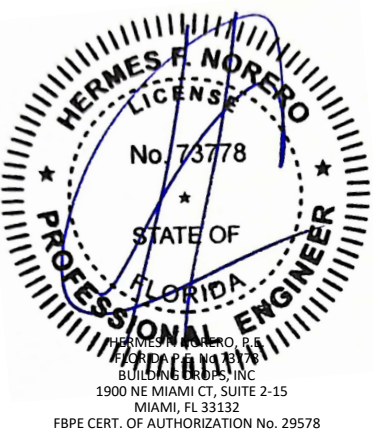
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ELEVATION AND
ANCHOR LAYOUT

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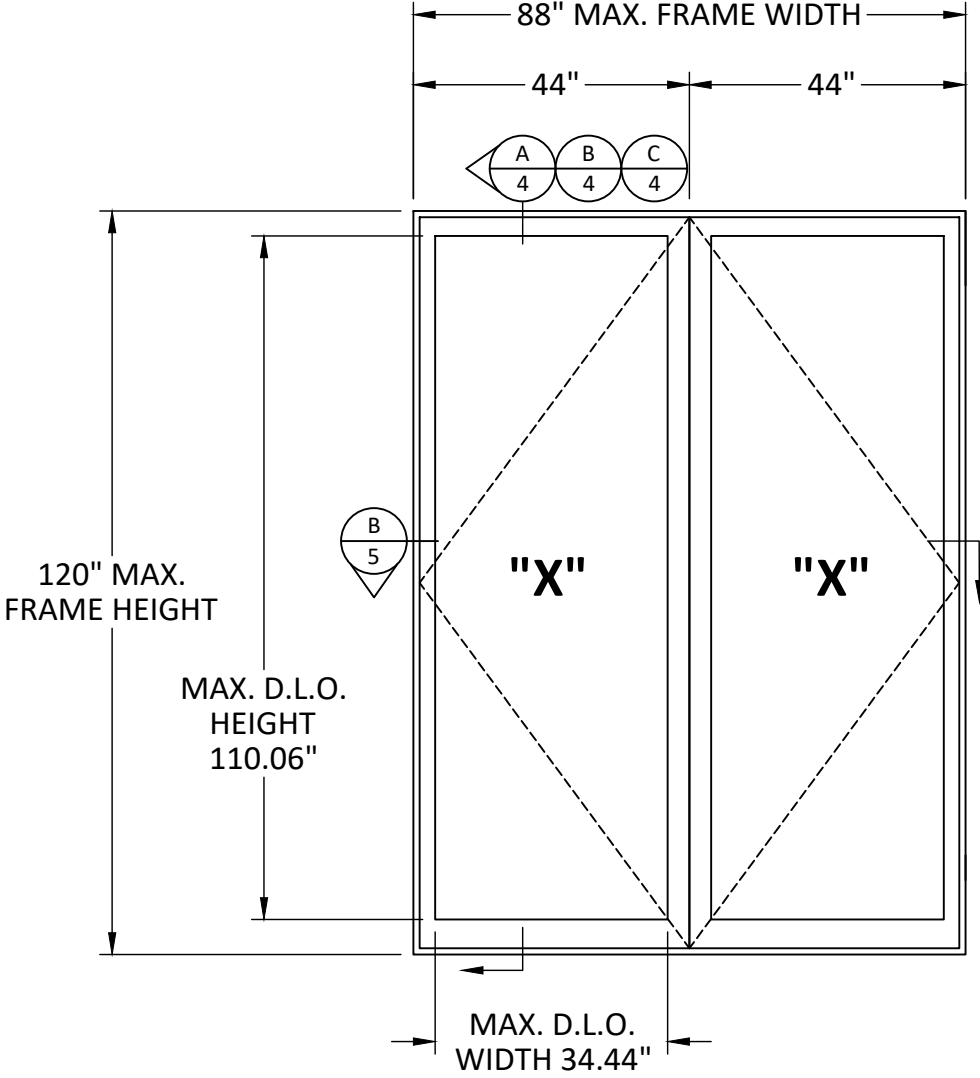


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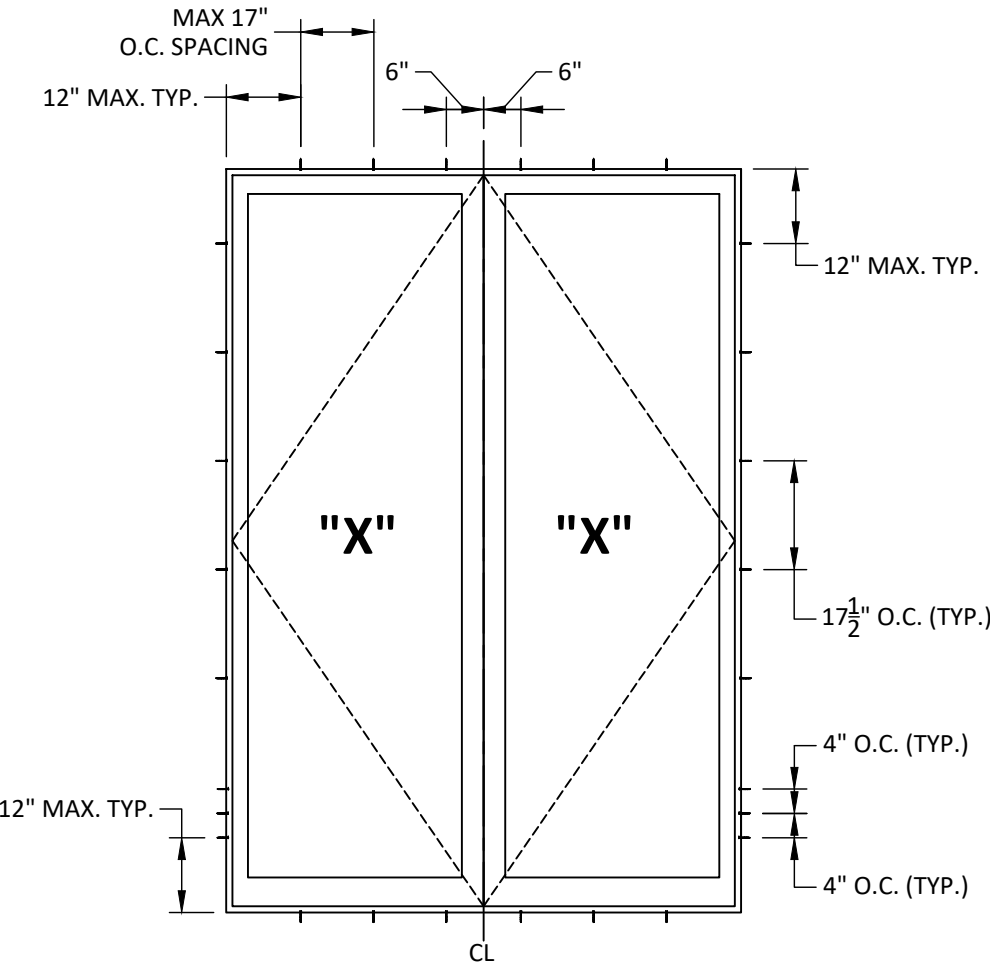
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ELEVATION
FRENCH DOOR



ANCHOR LAYOUT
THROUGH FRAME



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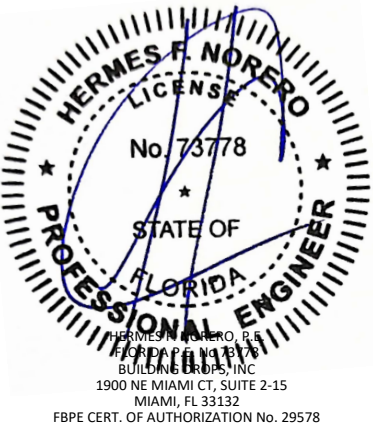
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REV.	A

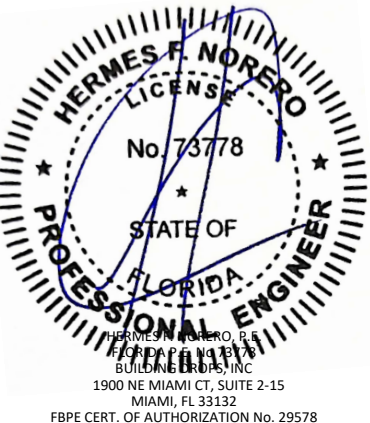
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VERTICAL SECTIONS

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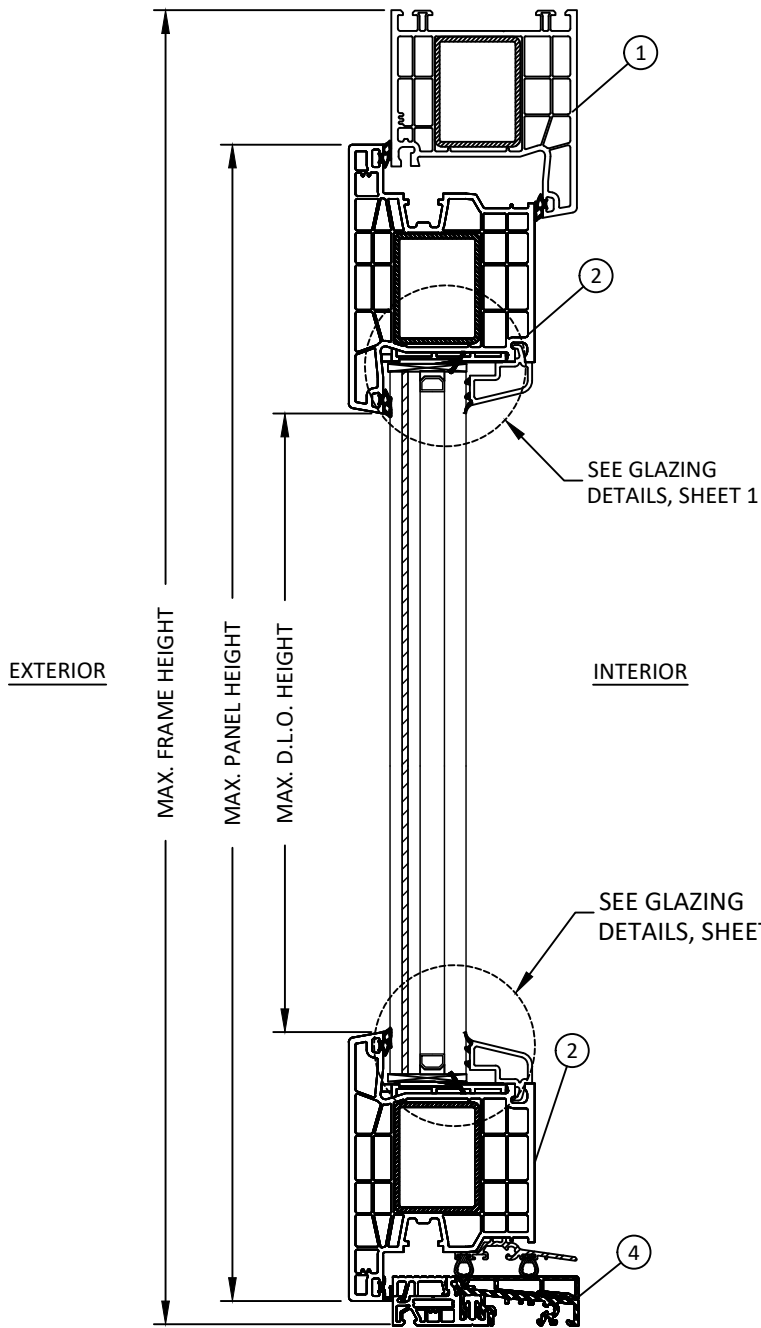


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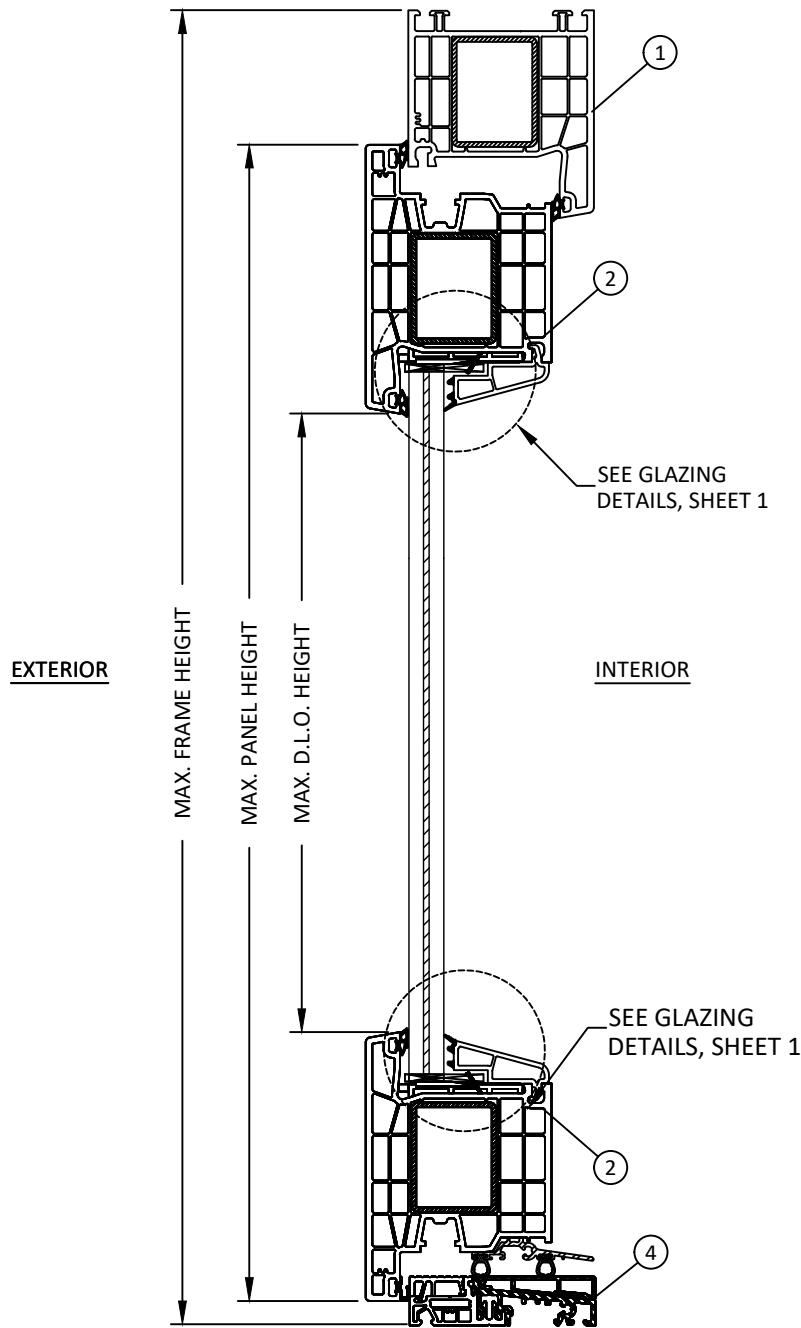
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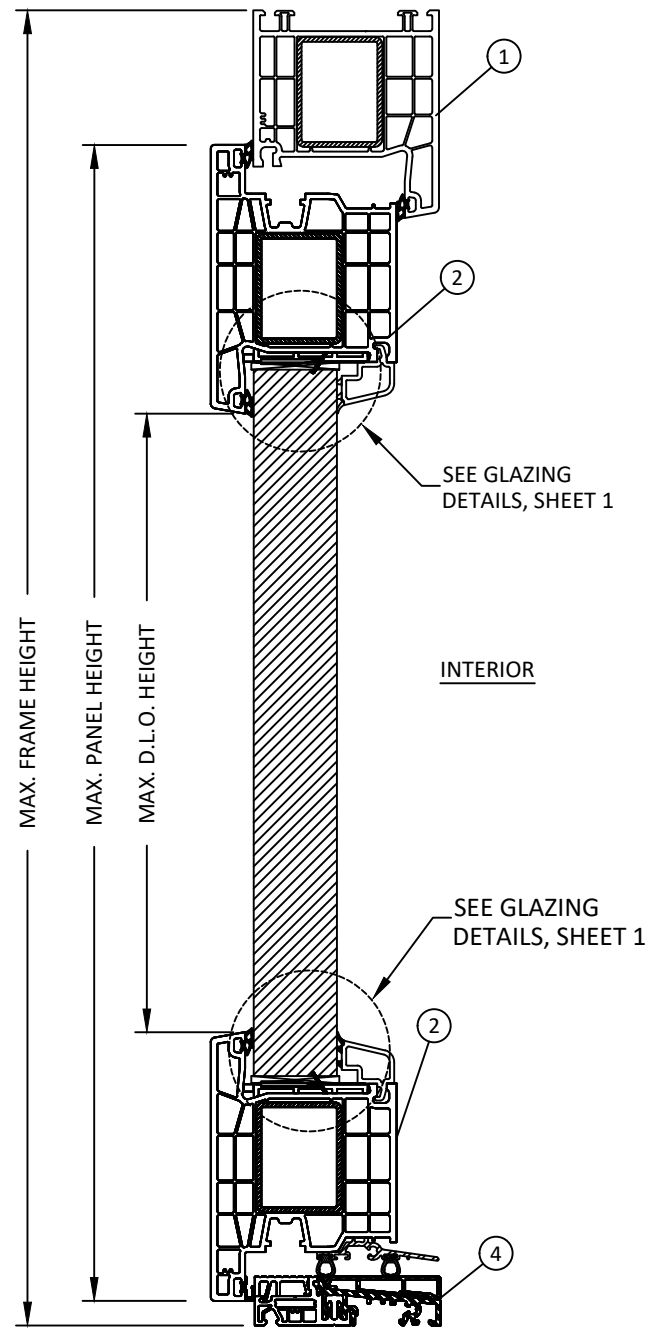
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A
4
VERTICAL SECTION
FRENCH DOOR - IG LAMI GLASS



B
4
VERTICAL SECTION
FRENCH DOOR - MONO LAMI GLASS



C
4
VERTICAL SECTION
FRENCH DOOR - OPAQUE PANEL

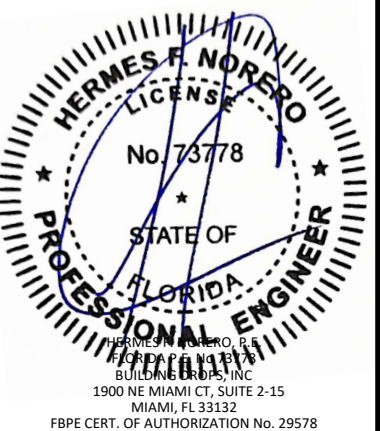
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HORIZONTAL SECTIONS

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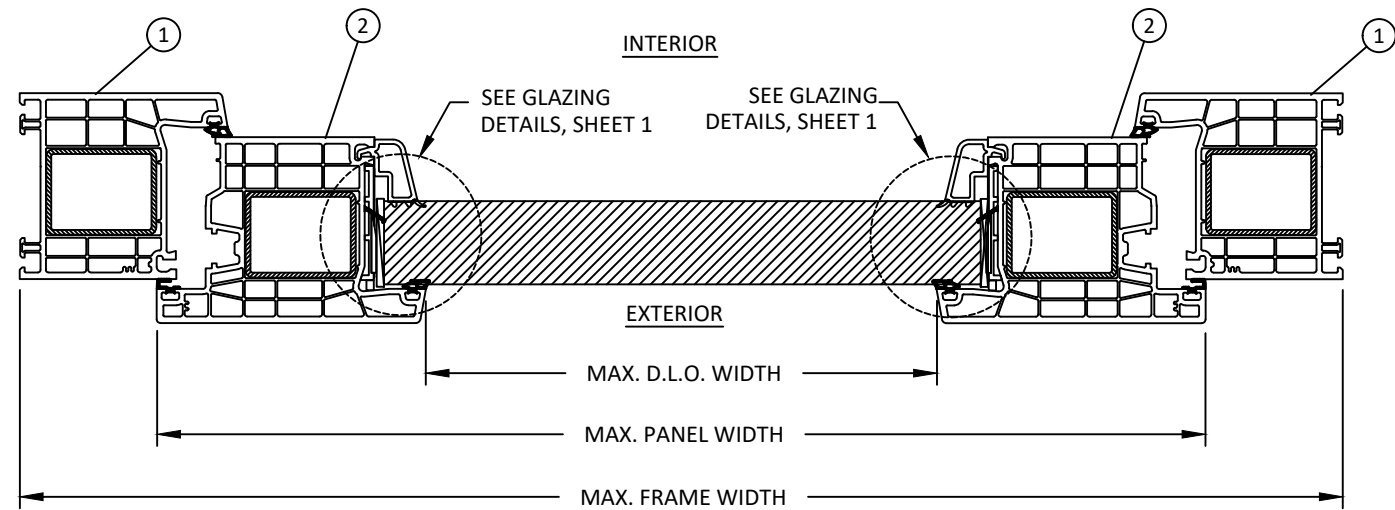


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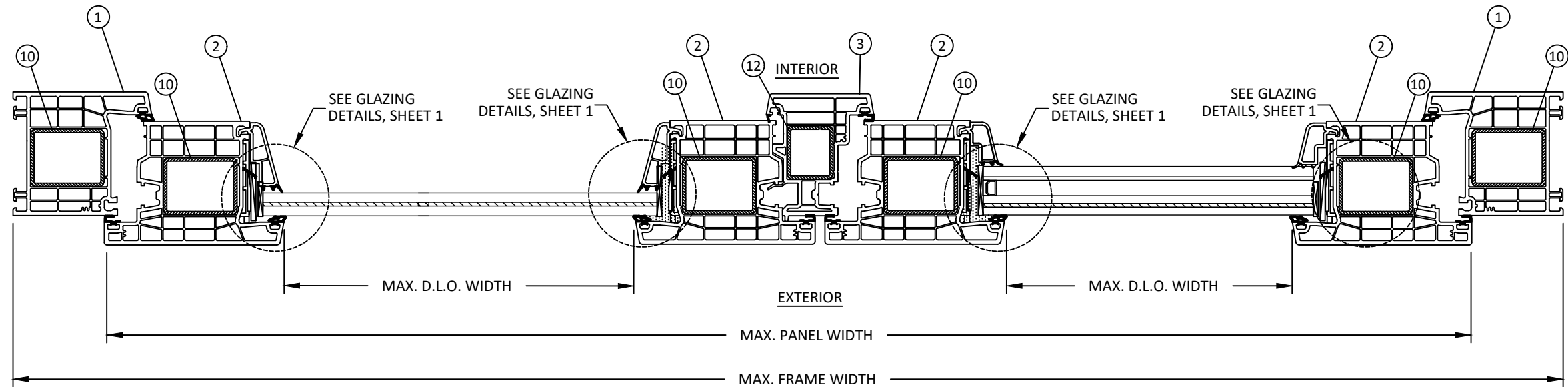
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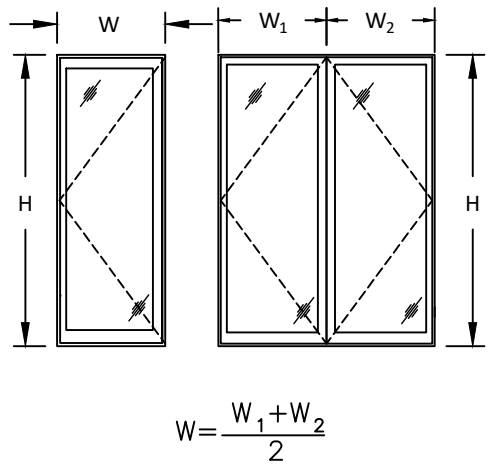
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A
5 HORIZONTAL SECTION
FRENCH DOOR - SINGLE DOOR

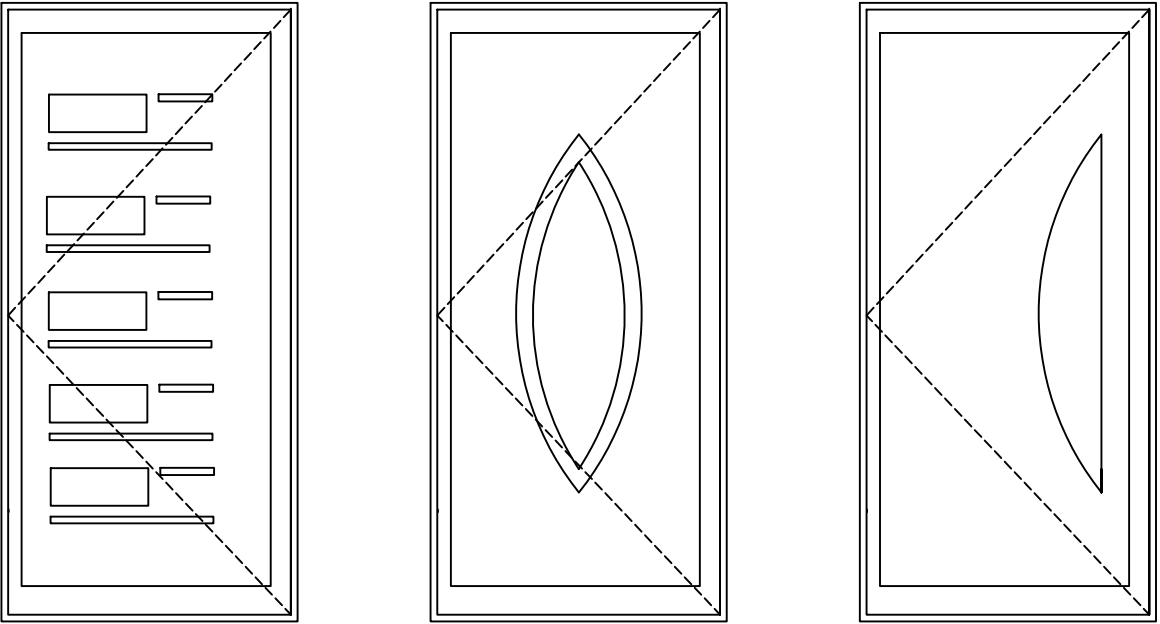
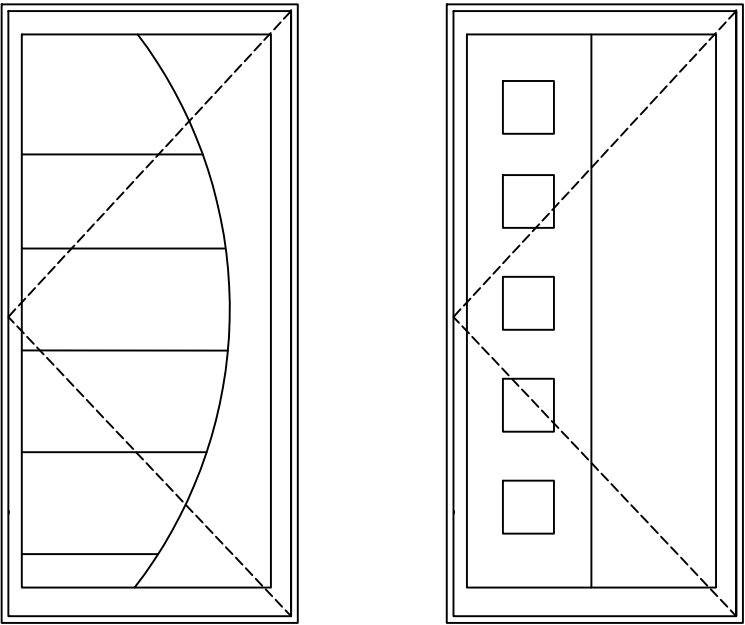


B
5 HORIZONTAL SECTION
FRENCH DOOR - DOUBLE DOOR



GLASS LOAD CAPACITY (PSF)		
FRAME DIMENSIONS. (in)		GLASS TYPE 1-5
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)
24	60	120.0
30		120.0
36		120.0
42		120.0
48		110.0
54		97.8
60		88.0
66	72	96.8
24		120.0
30		120.0
36		120.0
42		120.0
48		110.0
54		97.8
60		88.0
66	84	80.0
24		120.0
30		120.0
36		120.0
42		120.0
48		110.0
54		97.8
60	96	88.0
66		-
24		120.0
30		120.0
36		120.0
42		120.0
48		110.0
54	108	97.8
60		-
66		-
24		120.0
30		120.0
36		120.0
42		120.0
48	120	110.0
54		-
60		-
66		-
24		120.0
30		120.0
36		120.0
42		120.0
44		120.0
48		-
54		-
60		-

OPTIONAL OPAQUE GLASS PANELS



NOTE:
1. GLASS PATTERNS ON OPAQUE PANELS CONSIST OF 3/16" GLASS SURFACE APPLIED FLUSH WITH PVC SKIN.
2. CONTACT MANUFACTURER FOR ADDITIONAL PATTERN OPTIONS

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DESIGN PRESSURE TABLE &
OPAQUE PANEL OPTIONS

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

FL#

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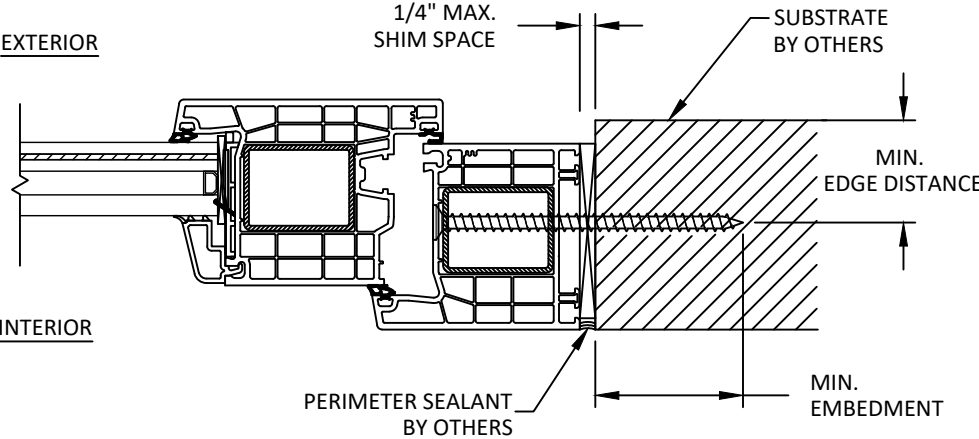
SHEET:

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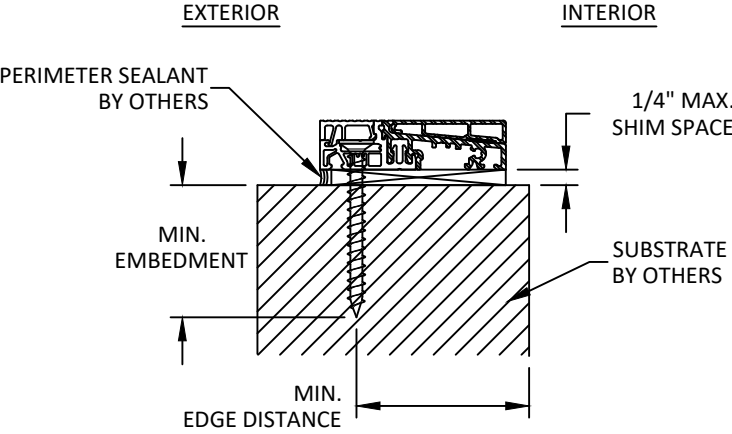
OF 8



A
7

ANCHOR DETAIL
THROUGH FRAME (JAMB)

NOTE: JAMB SHOWN,
HEAD SIMILAR.



B
7

ANCHOR DETAIL
THROUGH FRAME (SILL)

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#14 WOOD SCREW FLAT HEAD	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	1/4" TEK SCREW FLAT HEAD	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	METAL: ALUMINUM MIN. 1/8" THICKNESS (6063-T5 MIN)			
	CONCRETE: MIN. f'c=3000PSI	1/4" ITW TAPCON FLATHEAD	1.25"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON FLATHEAD	1.00"	2.00"

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 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 ±1/4 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.
- 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.
- 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.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1)
- 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.



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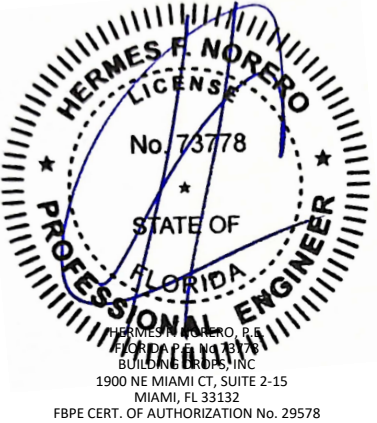
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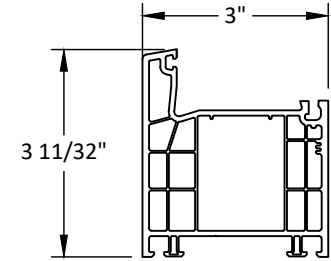
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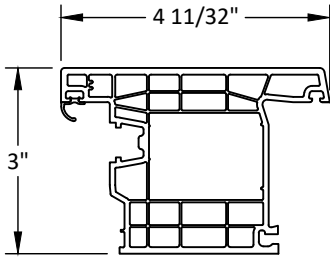


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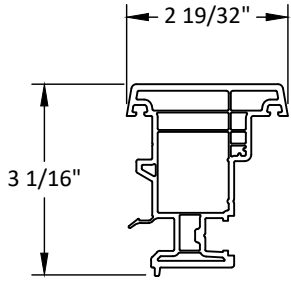
BILL OF MATERIALS			
ITEM	PART No.	DESCRIPTION	MATERIAL
1	76102	FRAME - RIGID VINYL	uPVC
2	76205	SASH	uPVC
3	76402	FLOATING MULLION	uPVC
4	A076	THRESHOLD	uPVC/ALUMINUM
5	A061	WEATHERBAR	ALUMINUM
6	A065	ALUMINUM PROFILE	ALUMINUM
7	2452	I.G. GLAZING BEAD	uPVC
8	2434	LAMI GLAZING BEAD	uPVC
9	2658	GLAZING GASKET	TPV/EPDM
10	V314	REINFORCEMENT	STEEL
11	V337	REINFORCEMENT	STEEL
12	V310	REINFORCEMENT	STEEL



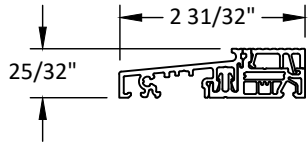
① FRAME



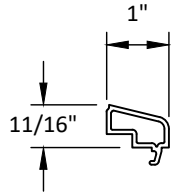
② SASH



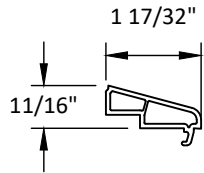
③ FLOATING MULLION



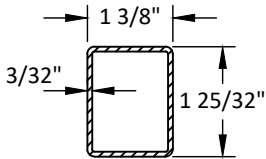
④ THRESHOLD



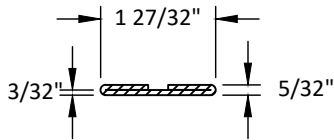
⑦ I.G. GLAZING BEAD



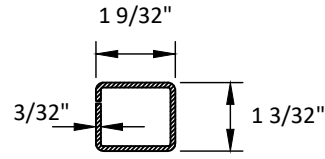
⑧ LAMI GLAZING BEAD



⑩ REINFORCEMENT



⑪ REINFORCEMENT



⑫ REINFORCEMENT



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REMARKS	BY	DATE
2026 CODE CHANGE	OS	09.14.2026

THE INSTALLATION DETAILS DESCRIBED HERE IN 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.



FL#	FL47616
DATE:	06.16.25
DWG. BY:	DB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	ALP018
SHEET:	8 OF 8
REV.	A