

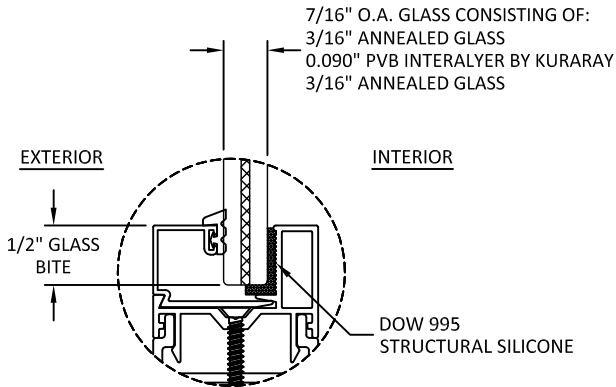
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CONDADO WINDOW

ULTRA 400 SERIES GEN 2 OUTSWING ENTRANCE DOOR (HVHZ) (IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - ASTM E283-19
 - ASTM E330-14
 - ASTM E331-00(16)
 - ASTM E1886-19
 - ASTM E1996-20
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY OR 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.
- 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** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T6
- DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH FBC.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL: G1

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAIL
2	ELEVATION & DP TABLE
3	ANCHOR LAYOUT
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS, INSTALLATION NOTES & ANCHOR SCHEDULE

DESIGN PRESSURE RATING	
DESIGN PRESSURE	MISSILE IMPACT RATING
+/-75 PSF	LARGE & SMALL MISSILE IMPACT RATED

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 SHOWN HEREIN.



CONDADO WINDOW
903RH TODD AVENUE SAN JUAN,
PUERTO RICO 00907
PH: (787)723-5469 FAX: (787)722-1395

TITLE: ULTRA 400 SERIES GEN 2
OUTSWING ENTRANCE DOOR
(HVHZ) (IMPACT)

GENERAL NOTES &
GLAZING DETAIL

PREPARED BY:

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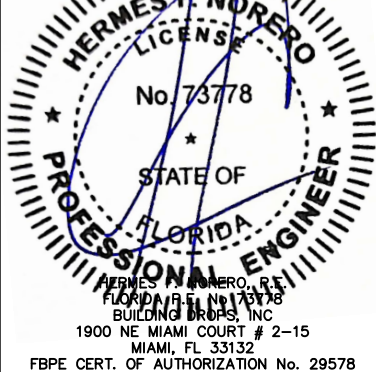
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.06.26 17:00:31 -0400



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HFN

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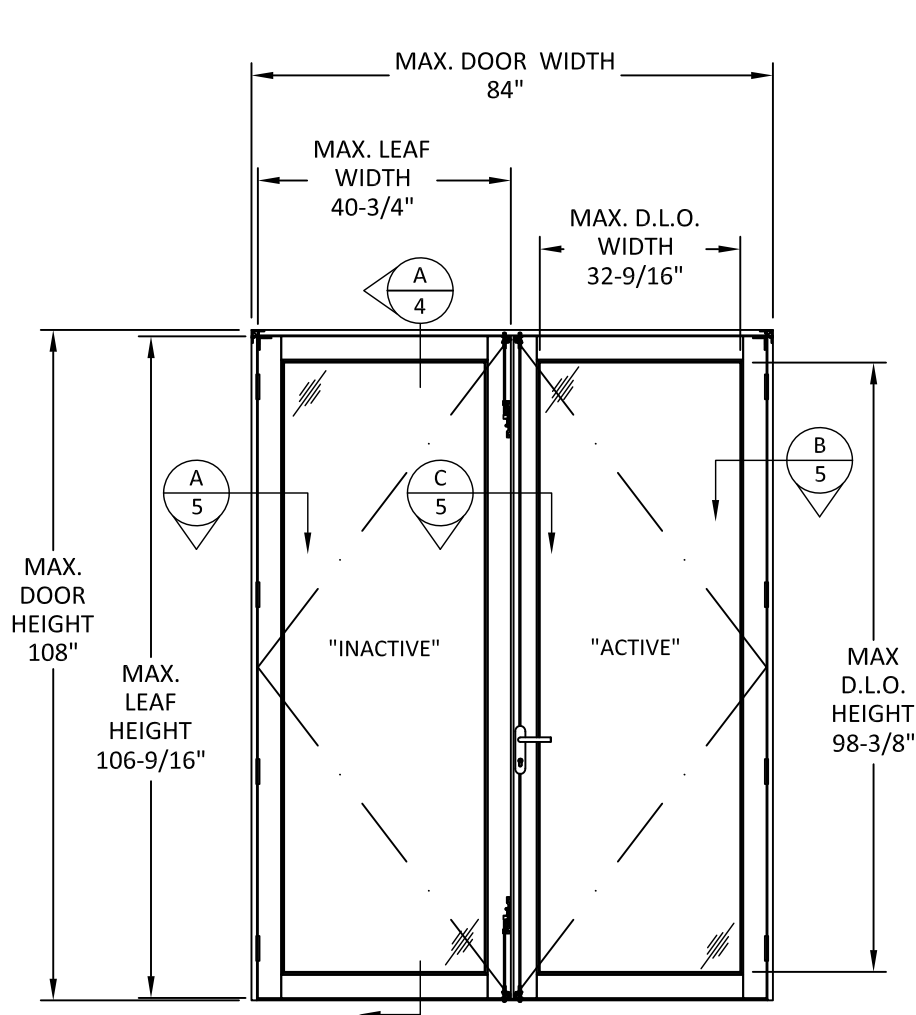
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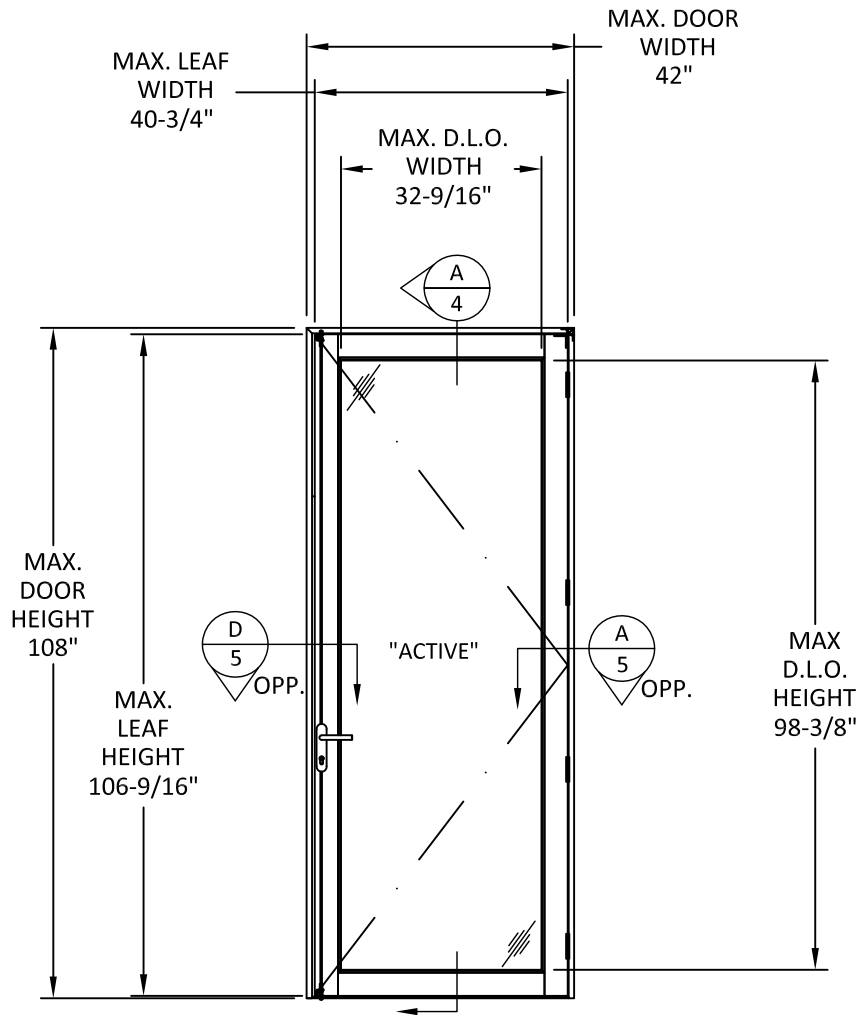
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DOUBLE DOOR ELEVATION
OUTSWING DOOR

LEAF WIDTH = FRAME WIDTH/2 - 1-1/4"
LEAF HEIGHT = FRAME HEIGHT - 2-7/16"
D.L.O WIDTH = LEAF WIDTH - 8-3/16"
D.L.O HEIGHT = LEAF HEIGHT - 8-3/16"



SINGLE DOOR ELEVATION
OUTSWING DOOR

LEAF WIDTH = FRAME WIDTH - 1-1/4"
LEAF HEIGHT = FRAME HEIGHT - 2-7/16"
D.L.O WIDTH = LEAF WIDTH - 8-3/16"
D.L.O HEIGHT = LEAF HEIGHT - 8-3/16"



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ELEVATIONS & DP TABLE

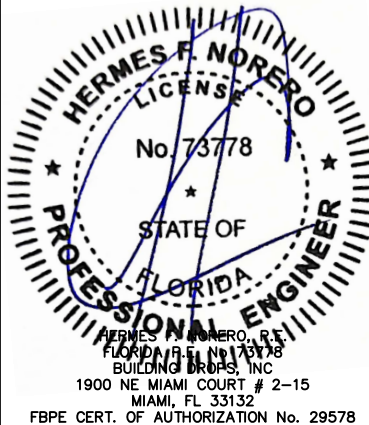
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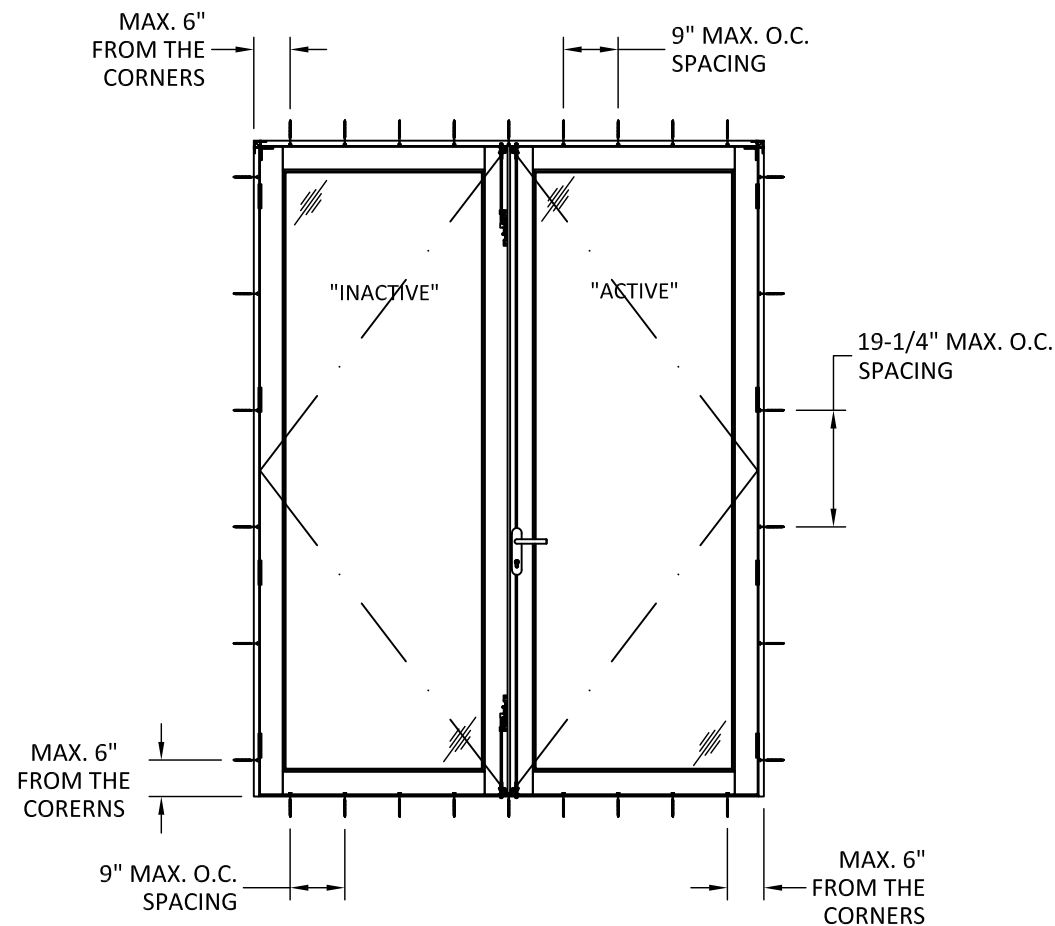
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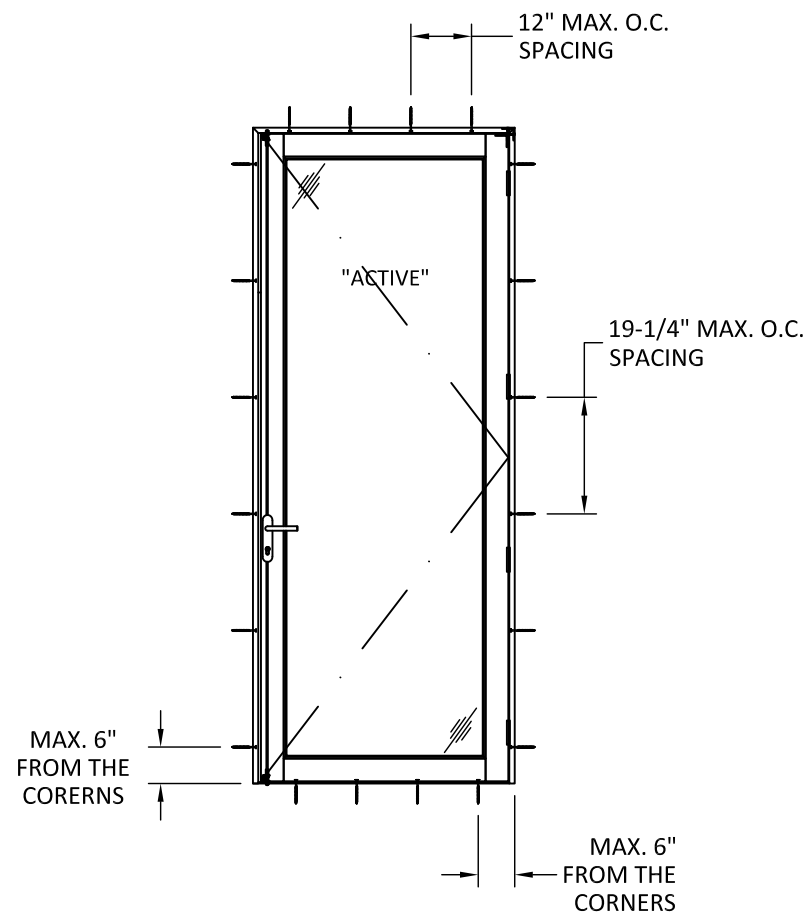
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ANCHOR LAYOUT
THROUGH FRAME - OUTSWING DOOR



ANCHOR LAYOUT
THROUGH FRAME - OUTSWING DOOR



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OUTSWING ENTRANCE DOOR
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ANCHOR LAYOUTS

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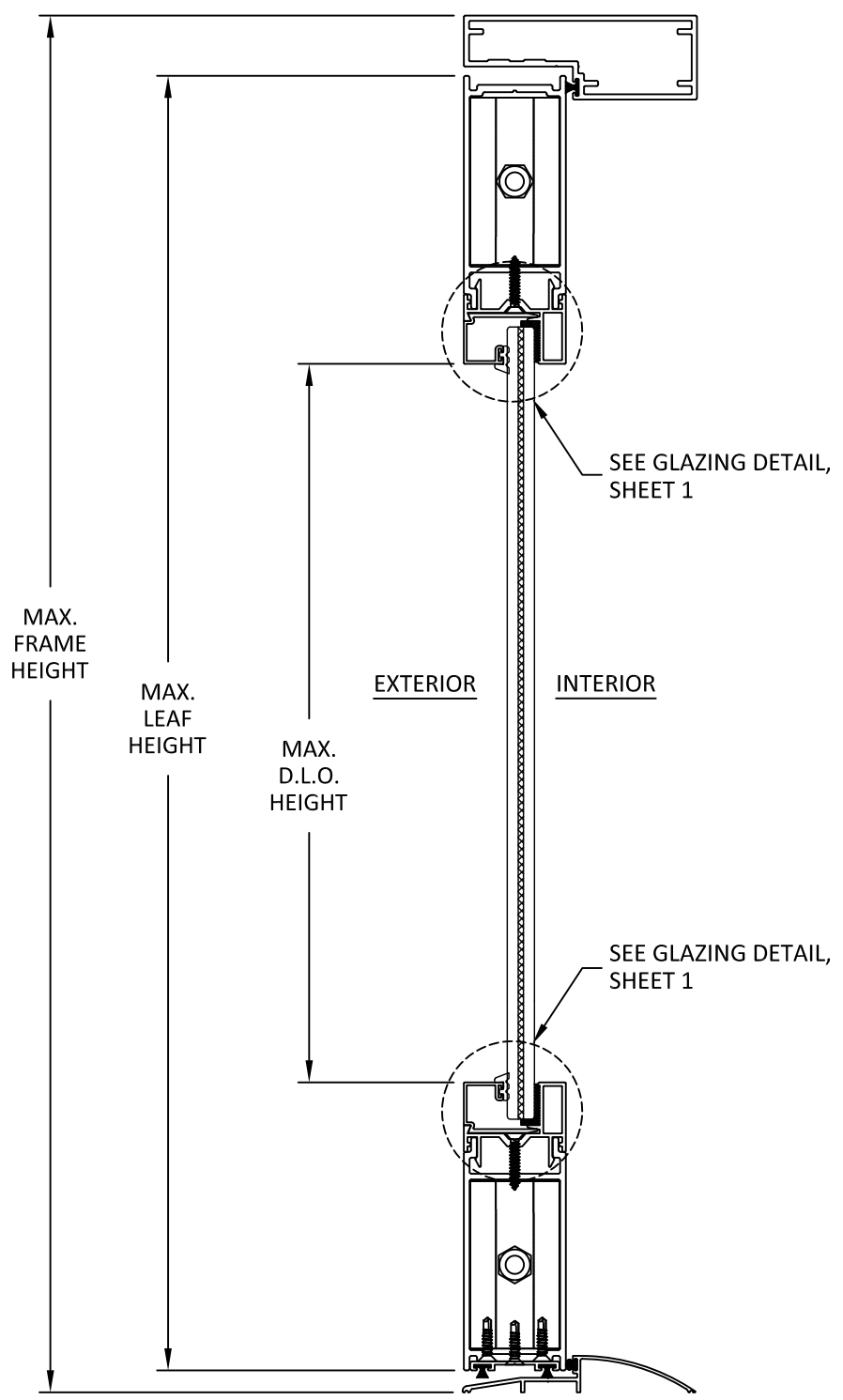
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A
4 **VERTICAL SECTION**
TYP. DETAIL



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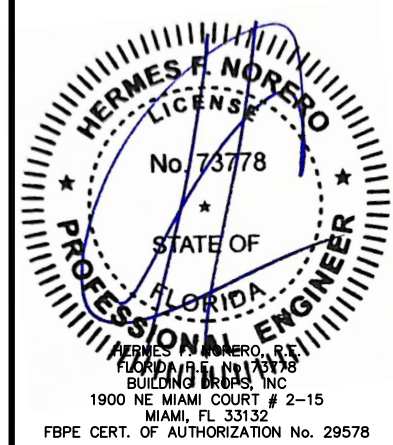
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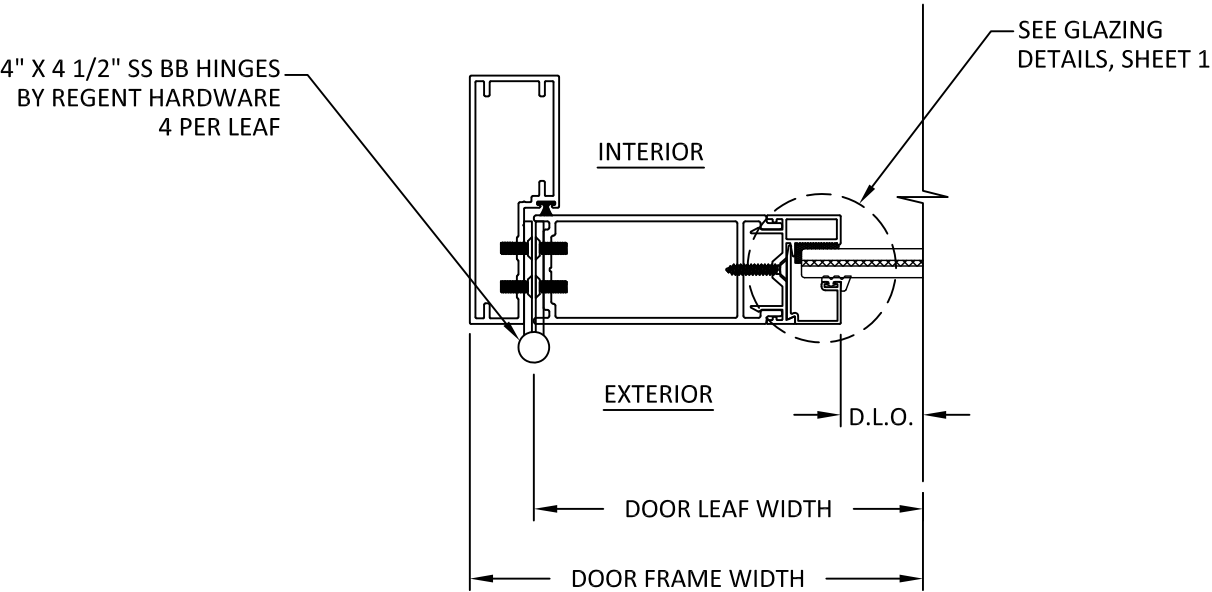
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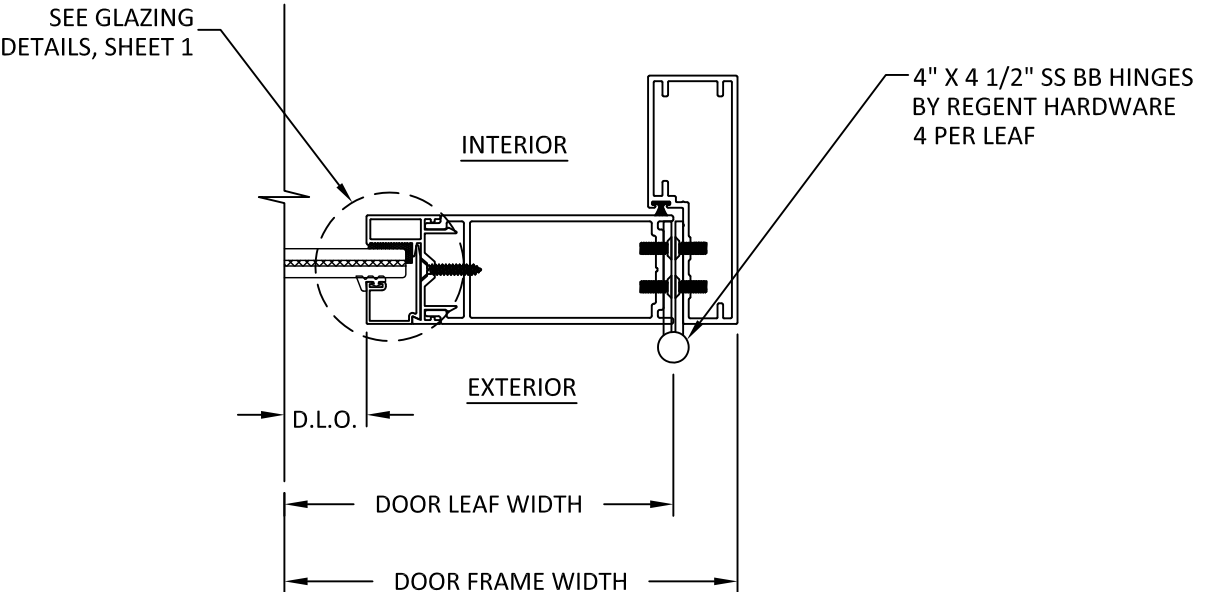
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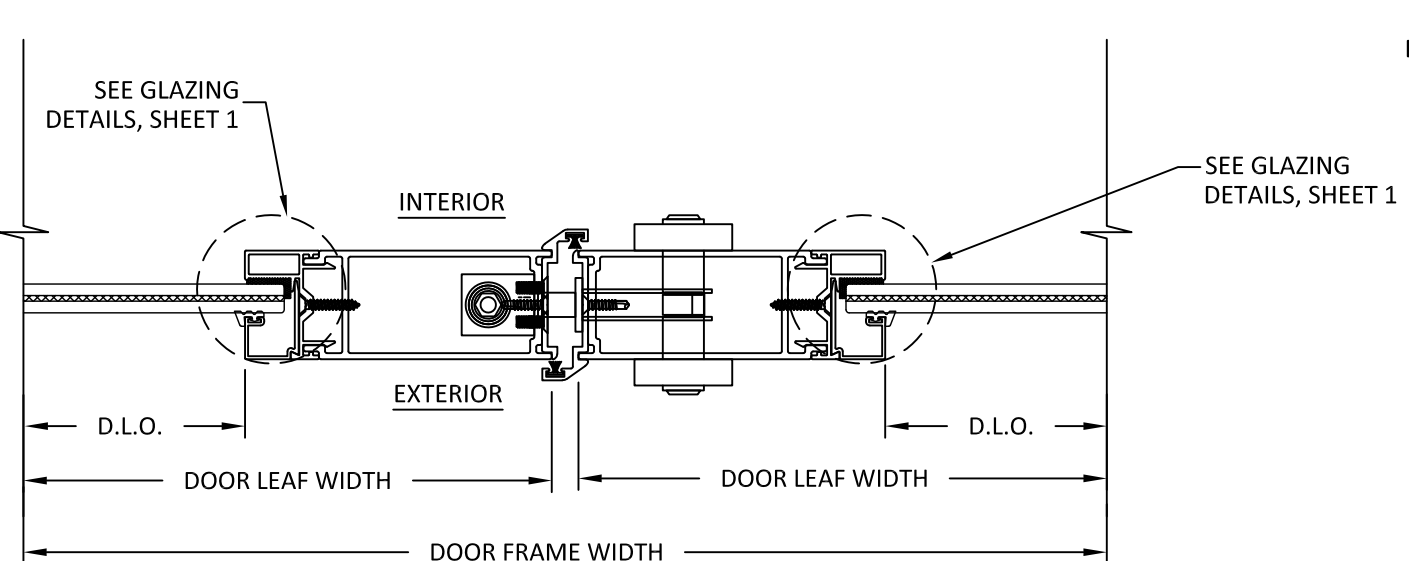
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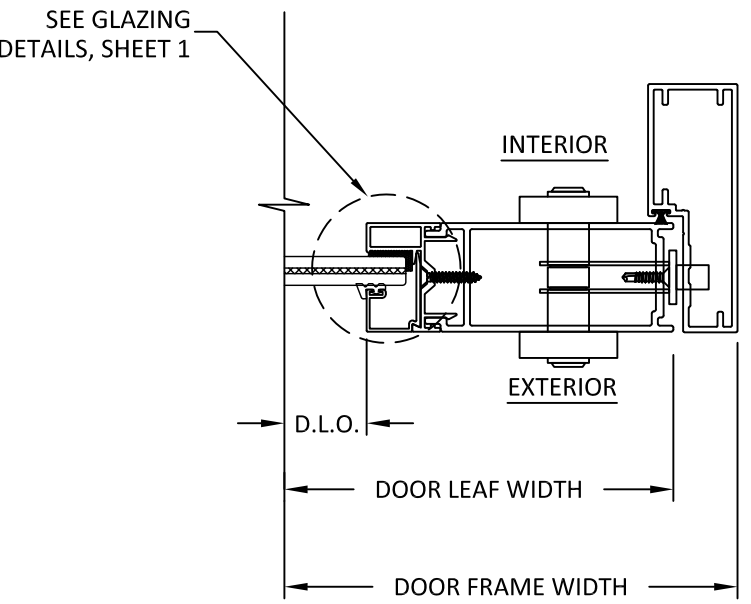
A
5 **HORIZONTAL SECTION**
LEFT JAMB DETAIL



B
5 **HORIZONTAL SECTION**
RIGHT JAMB DETAIL



C
5 **HORIZONTAL SECTION**
MEETING STILES DETAIL



D
5 **HORIZONTAL SECTION**
LOCK JAMB DETAIL



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HORIZONTAL SECTIONS

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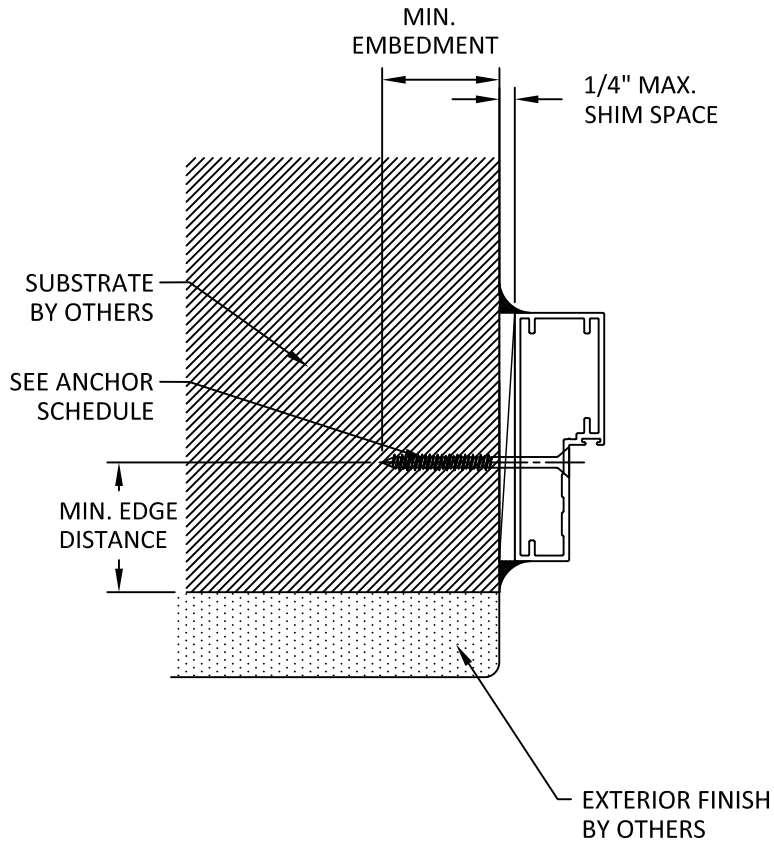
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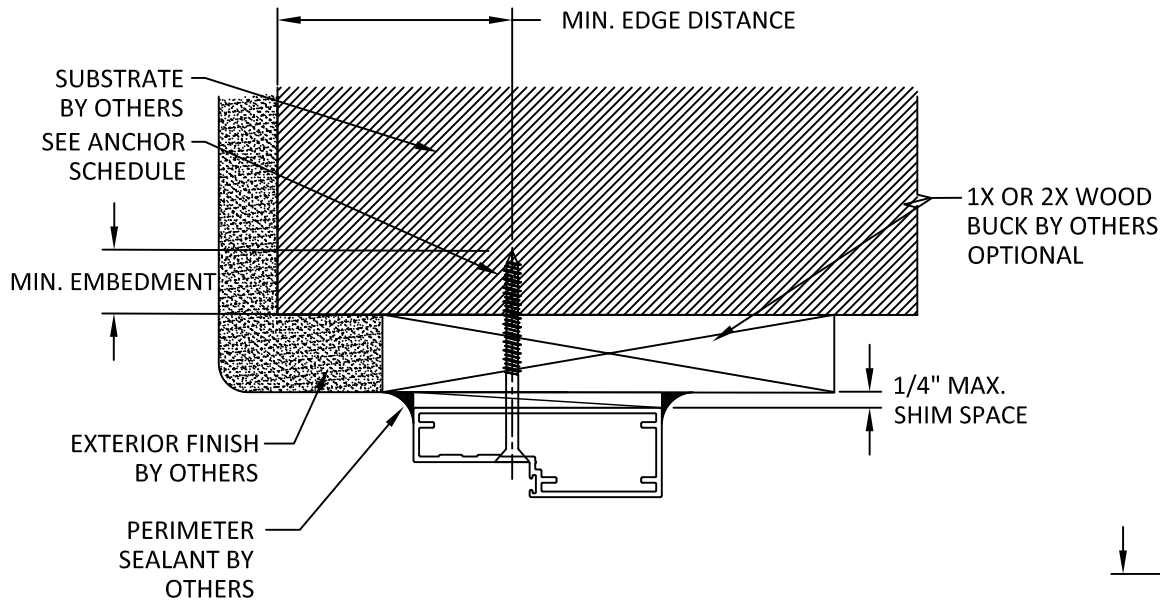


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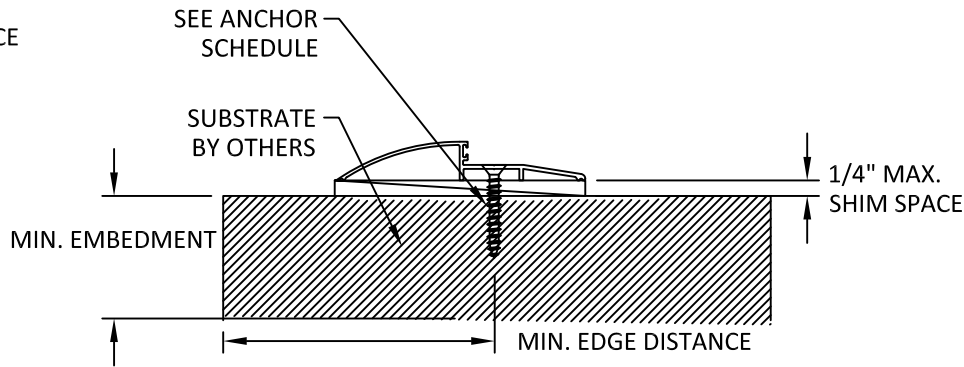
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A
6 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION



B
6 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION



C
6 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE NOTED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAX. 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.
- USE 3/8" WASHERS WITH ALL INSTALLATION FASTENERS.
- 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					
TYPE	METHOD	ANCHOR	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
A	THROUGH FRAME	#14 WOOD SCREW	2X WOOD MIN. S.G.=0.55	1.50"	1.00"
B		#14 GR. 5 SELF-TAPPING/DRILLING SCREW	METAL: 18 GAUGE STEEL MIN., MIN. Fy = 33 KSI 1/8" ALUMINUM MIN., MIN. 6063-T5	3 THREADS MIN. PENETRATION BEYOND METAL	1.00"
C		1/4" TAPCON (CARBON OR STAINLESS STEEL)	3000 PSI CONCRETE MIN.	1.00"	2.50"
D			GROUT FILLED CMU PER ASTM C-90 W/ MIN. F'C=2000 PSI	1.00"	2.50"



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ANCHOR DETAILS, INSTALLATION
NOTES & ANCHORS SCHEDULE

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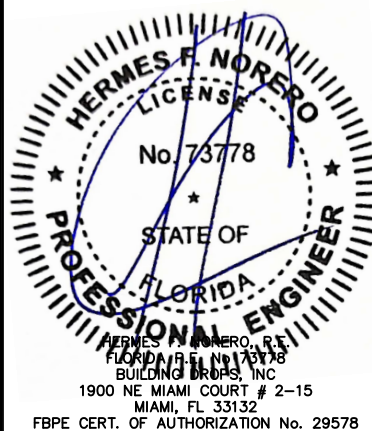
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