

HOME FACTORIES, INC. dba BMD MANUFACTURING

GLENVIEW DOORS - EMD SERIES GLAZED INSWING DOORS (HVHZ)(IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E1886-19
 - ASTM E1996-20
 - 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.
- 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: SAPELI WOOD OR EQUIVALENT
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAIL.

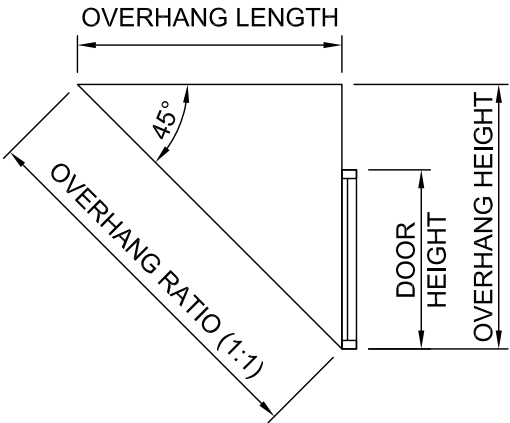
INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- 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 1/2 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.

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DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
X	43.5"	98"	+/- 60 PSF	LARGE MISSILE IMPACT

WHERE WATER INFILTRATION RESISTANCE IS REQUIRED, DOORS SHALL BE PROTECTED BY AN OVERHANG WITH AN OVERHANG RATIO ≥ 1.0 , WHERE OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT:



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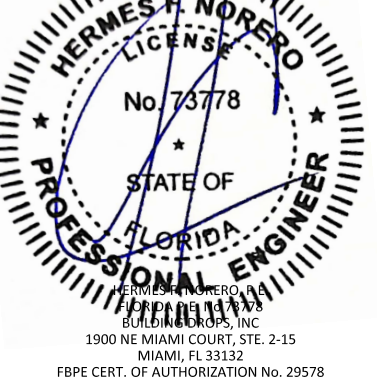
TITLE:
GLENVIEW DOORS - EMD SERIES
GLAZED INSWING DOORS
(HVHZ)(IMPACT)
GENERAL NOTES &
INSTALLATION NOTES

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

REMARKS	BY	DATE
WATER UPDATE	SM	6.20.24

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.06.20 14:38:59 -0400'



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FL46747

DATE: **04.25.2024**

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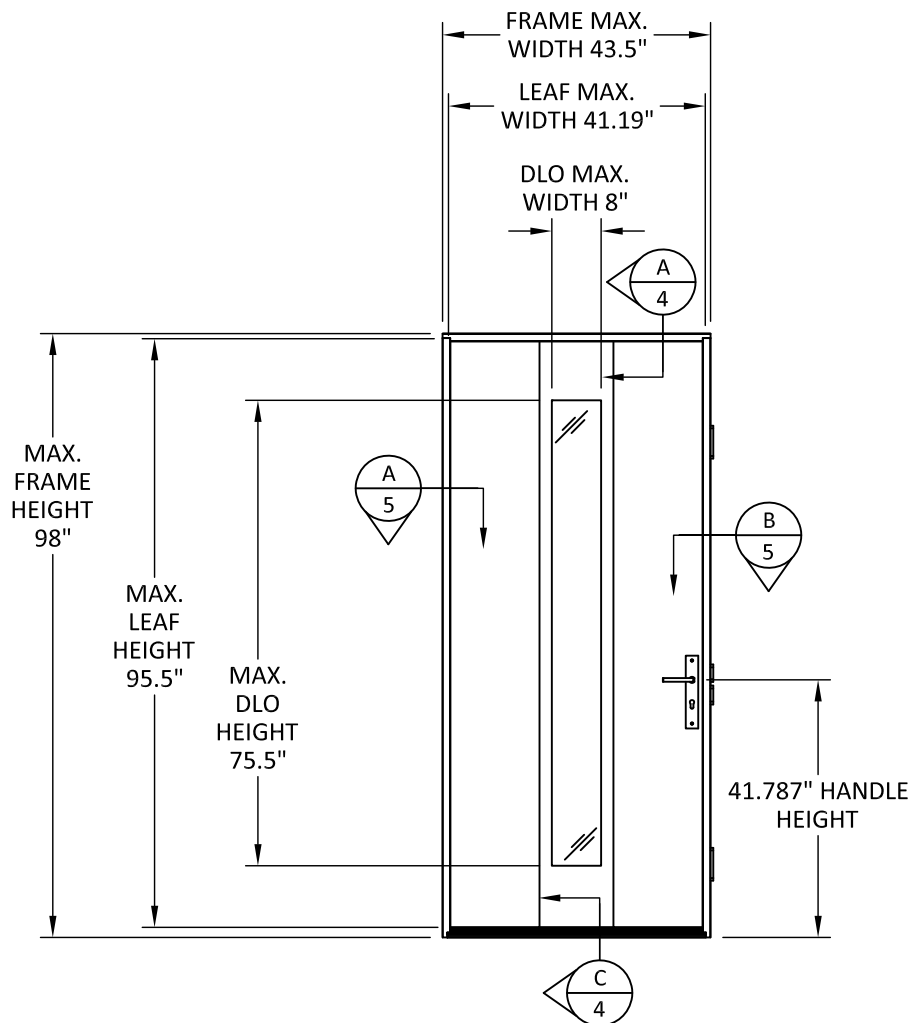
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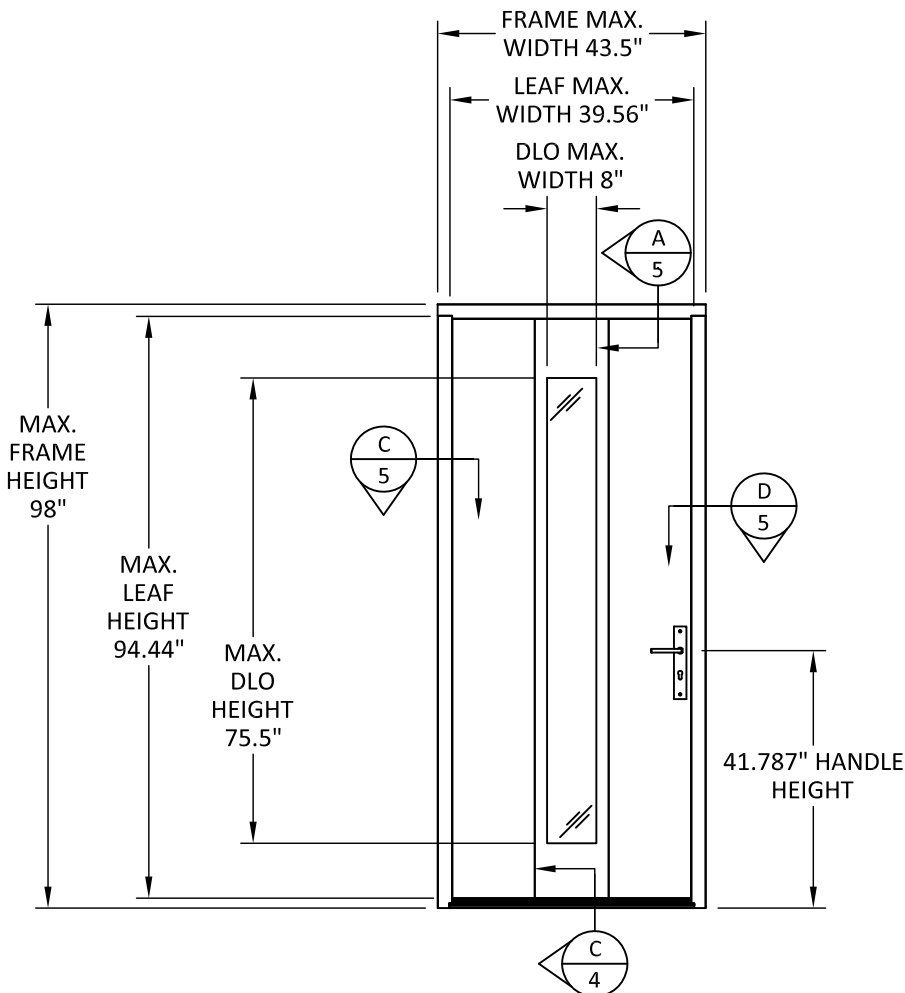
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1

OF 8

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ELEVATION
BUTT HINGE FRAME



ELEVATION
CONCEALED HINGE FRAME

DOOR CONFIGURATION & CONSTRUCTION NOTES:

- DOORS MAY BE MILLED 1/8" DEEP FOR FULL HEIGHT PULL HANDLE.
- CONCEALED HINGES REQUIRE THICKER FRAME DETAILS HEREIN.



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800.334.4263

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1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

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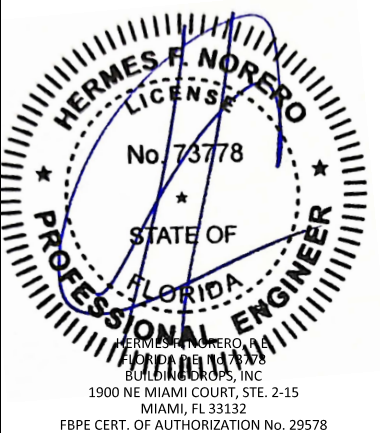
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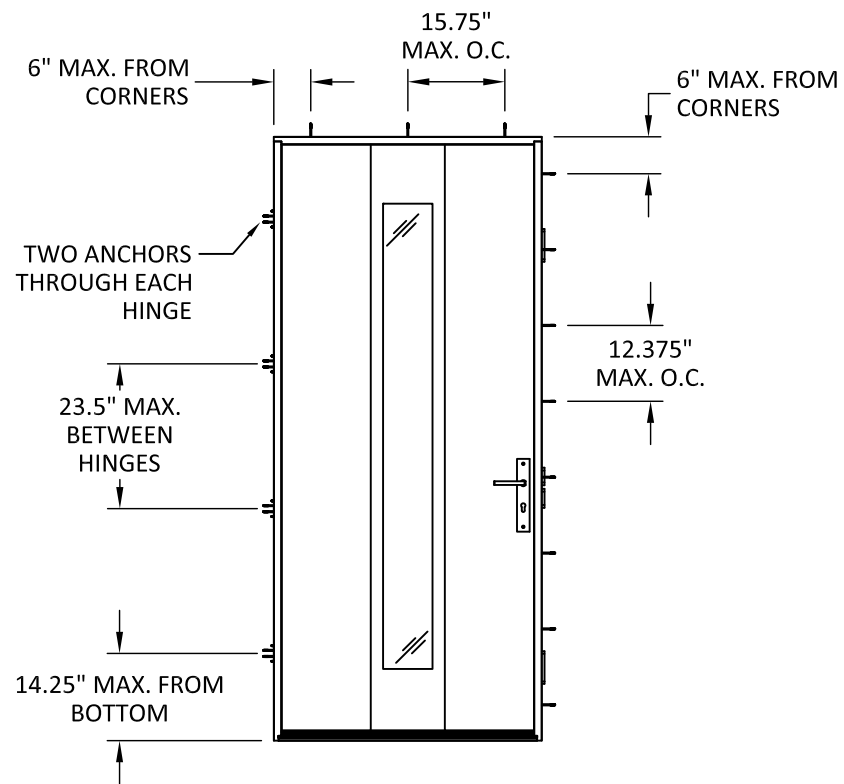
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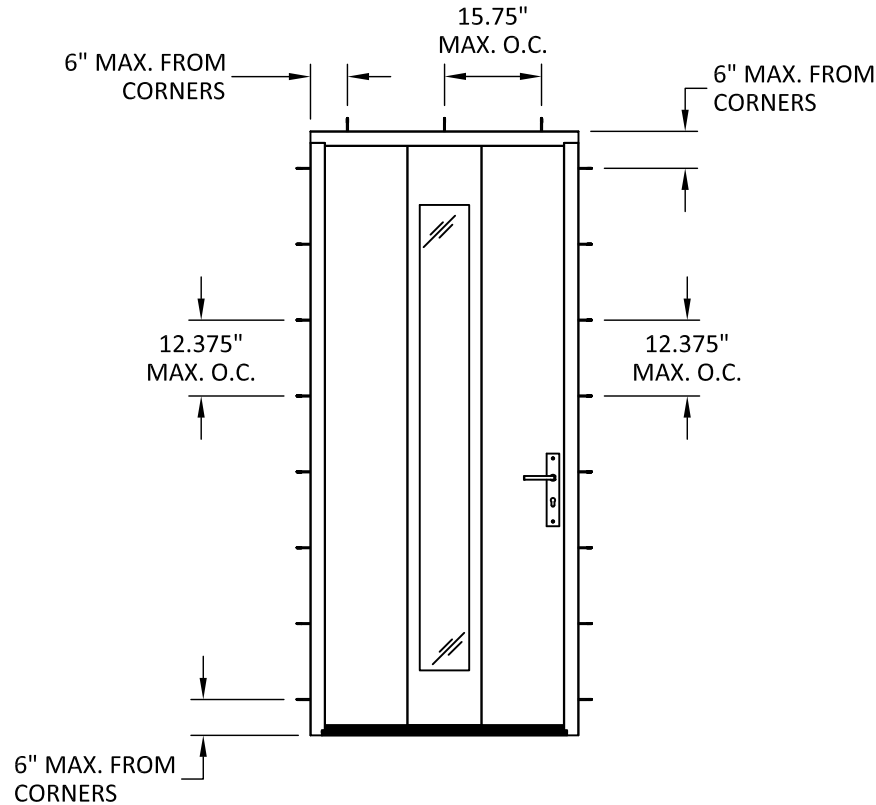


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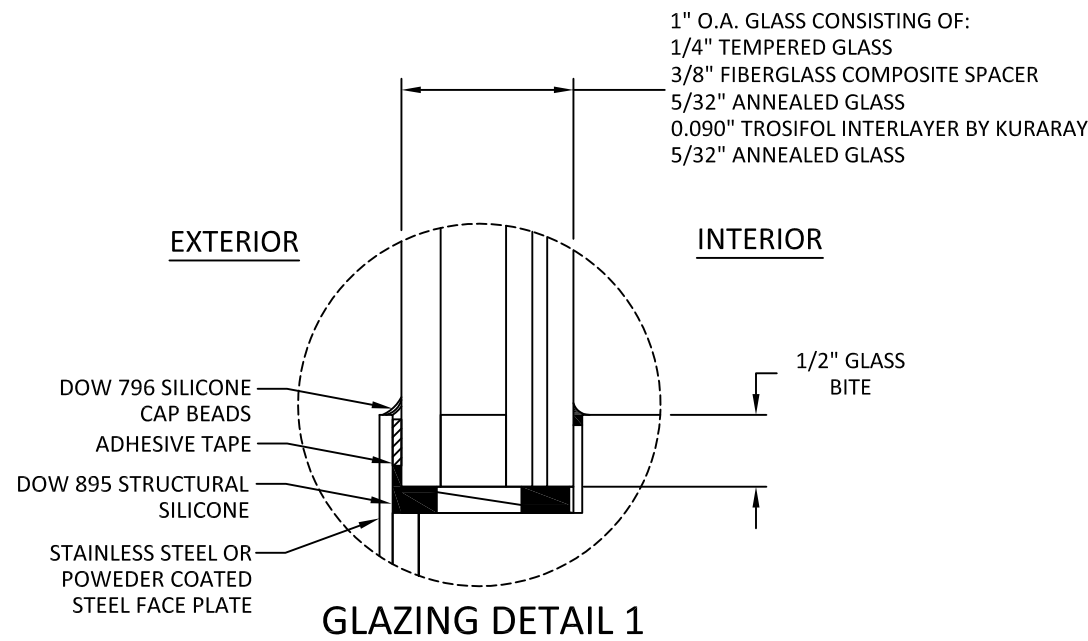
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ANCHOR LAYOUT
BUTT HINGE FRAME



ANCHOR LAYOUT
CONCEALED HINGE FRAME



- GLAZING NOTES:
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC 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.



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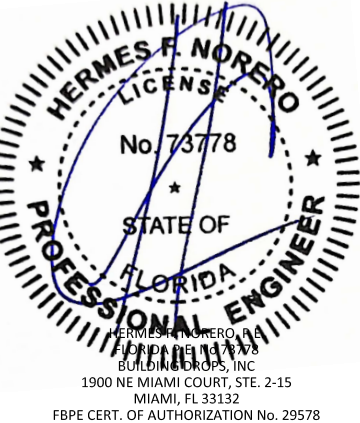
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1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
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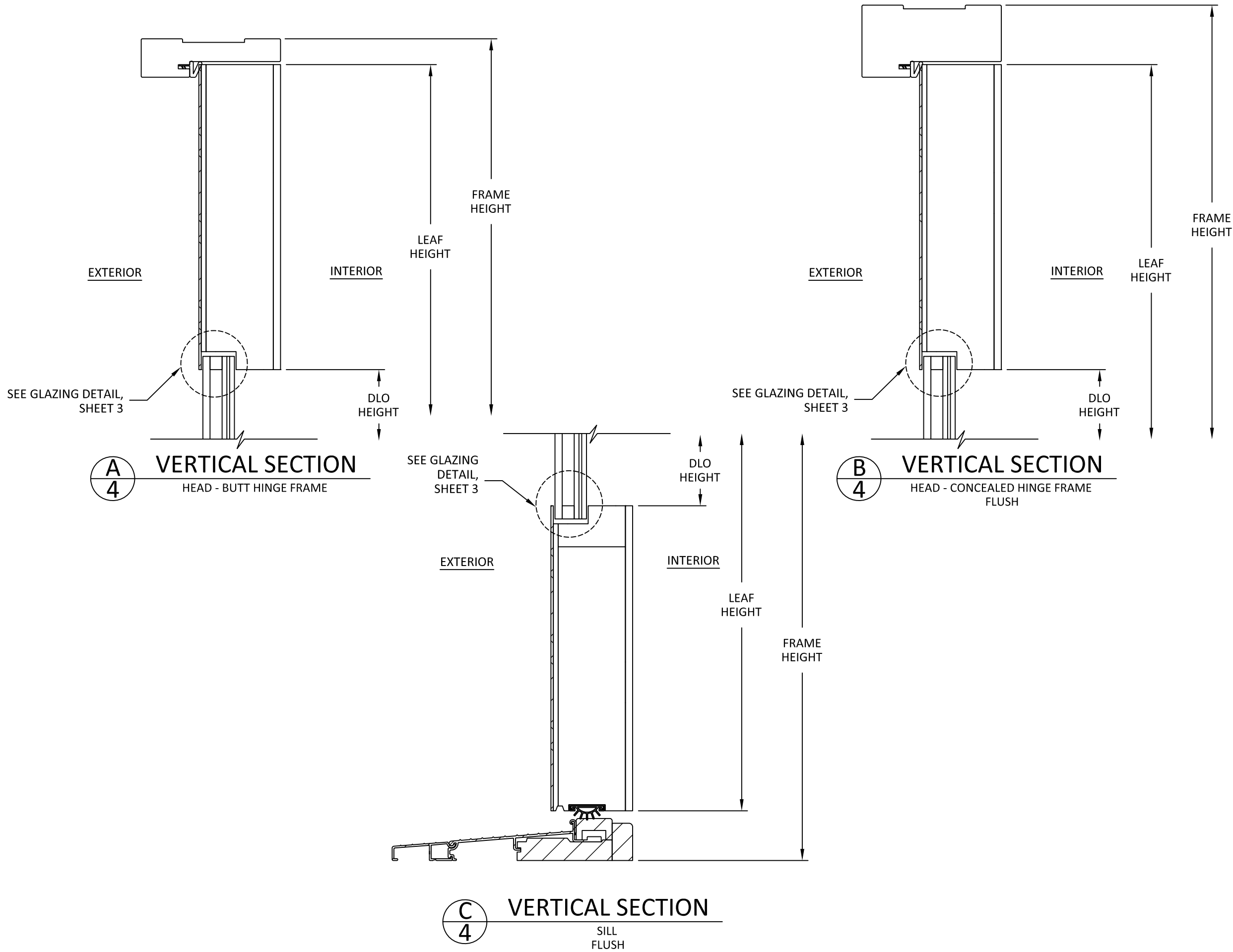
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TITLE: GLENVIEW DOORS - EMD SERIES
GLAZED INSWING DOORS
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VERTICAL SECTIONS

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PH: (954)399-8478
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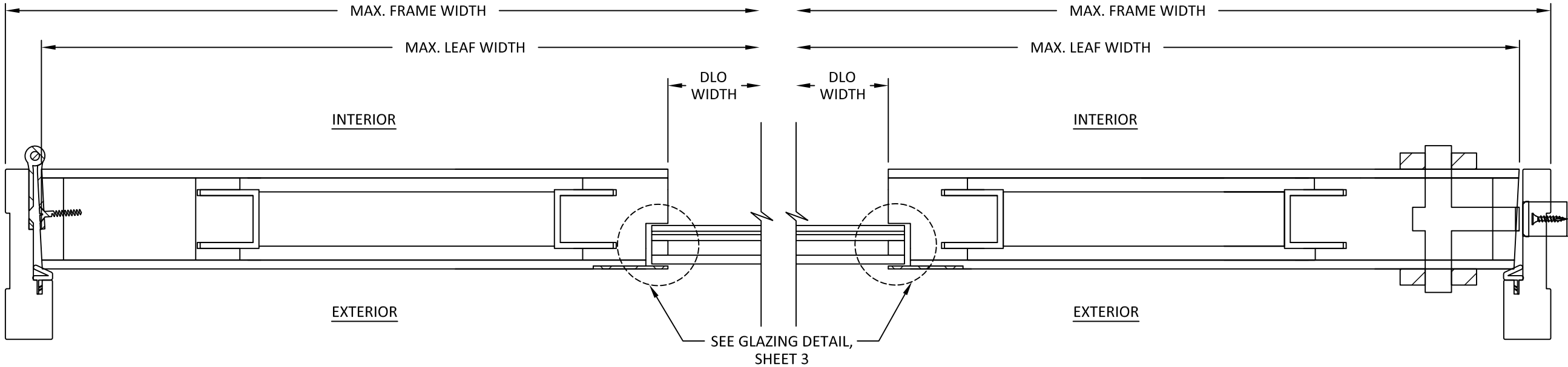
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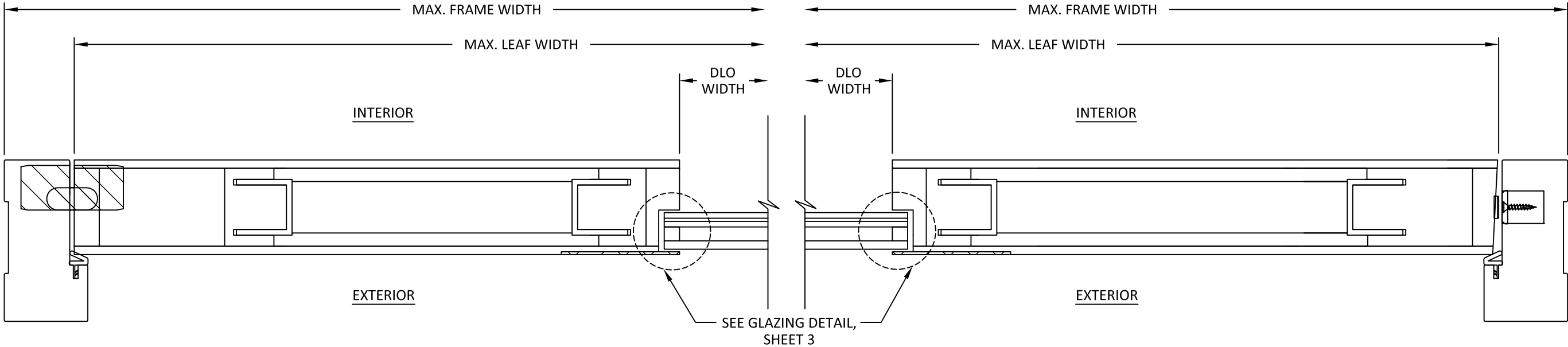
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A
5 HORIZONTAL SECTION
HINGE JAMB - BUTT HINGE FRAME

B
5 HORIZONTAL SECTION
LOCK JAMB - BUTT HINGE FRAME



C
5 HORIZONTAL SECTION
HINGE JAMB - CONCEALED HINGE FRAME

D
5 HORIZONTAL SECTION
LOCK JAMB - CONCEALED HINGE FRAME



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HORIZONTAL SECTIONS

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MIAMI, FL 33132

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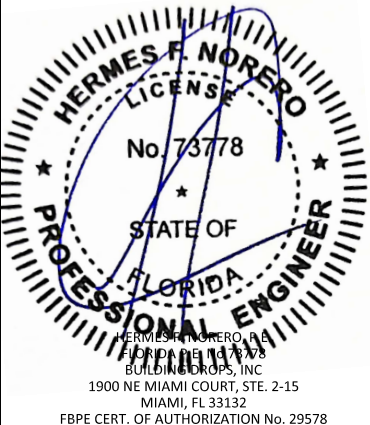
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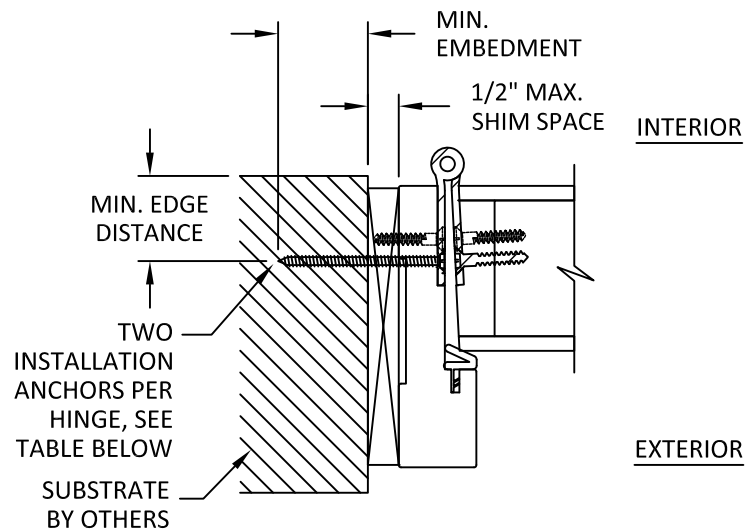
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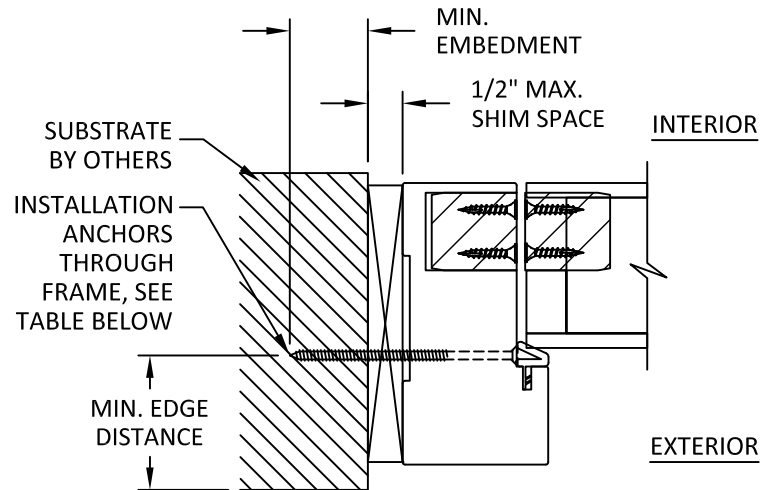
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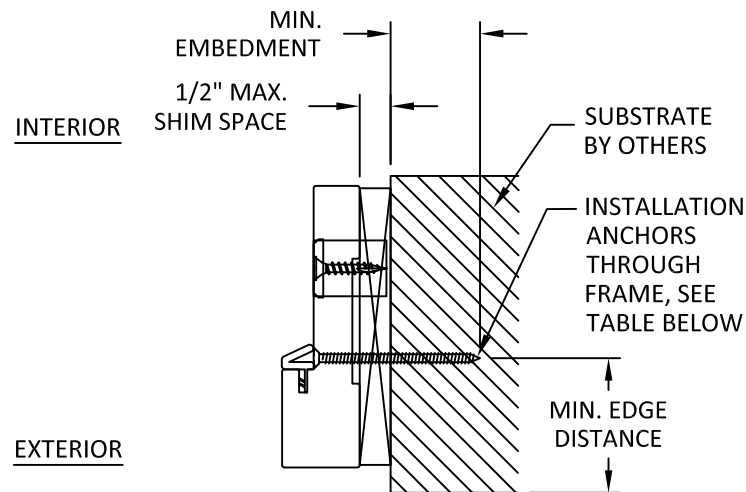
A
6 HORIZONTAL SECTION
HINGE JAMB - BUTT HINGE FRAME



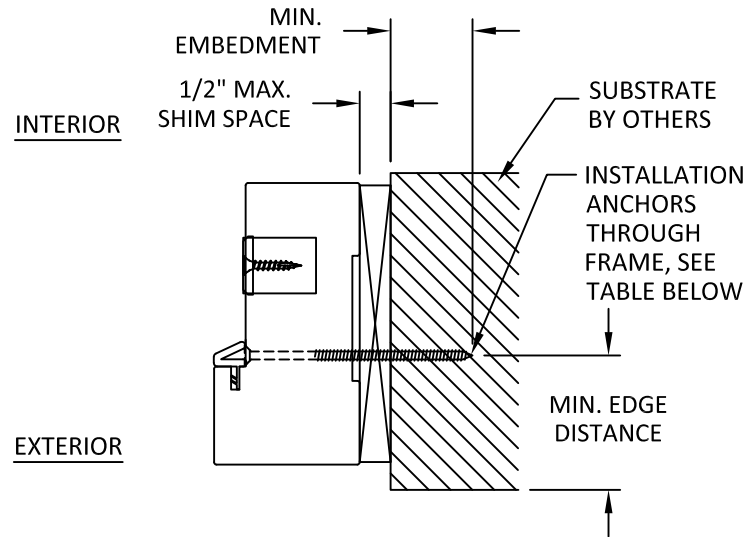
D
6 HORIZONTAL SECTION
HINGE JAMB - CONCEALED HINGE FRAME

NOTE: ANCHORS THROUGH BUTT HINGE INTO SUBSTRATE SHALL BE INSTALLED THROUGH THE TOP AND BOTTOM HOLES OF THE HINGE.

NOTE: FLUSH DOOR DETAILS SHOWN, ALUMINUM CLAD DETAILS ARE SIMILAR.

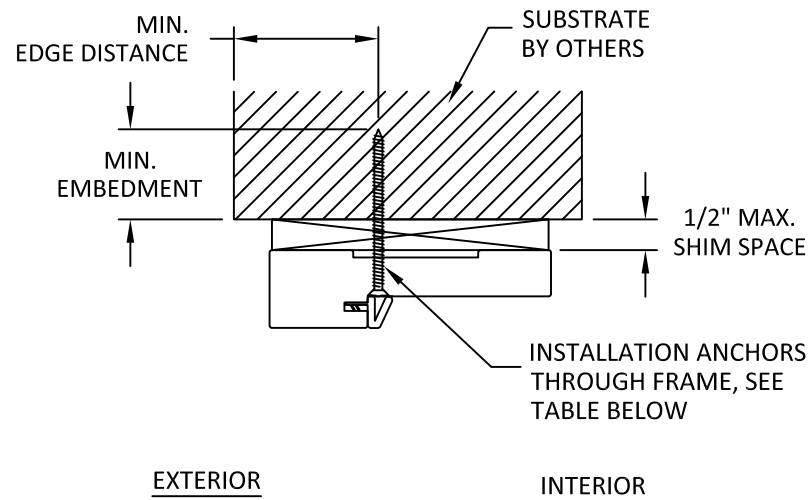


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6 HORIZONTAL SECTION
LOCK JAMB - BUTT HINGE FRAME

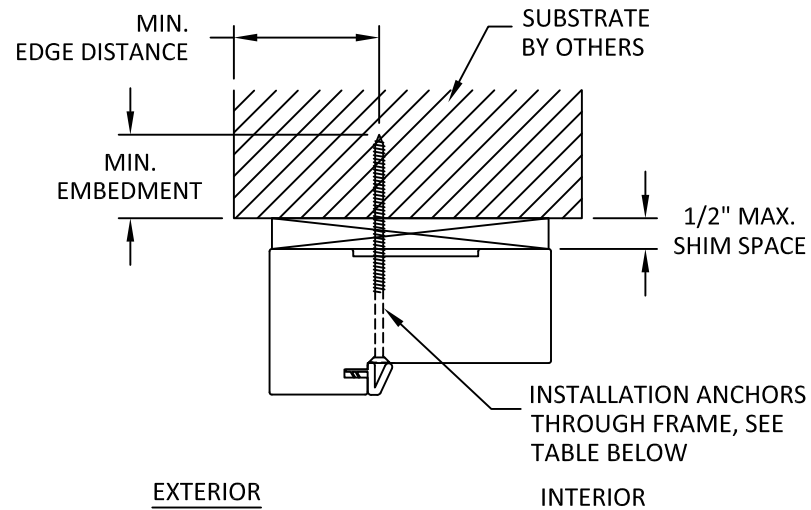


E
6 HORIZONTAL SECTION
LOCK JAMB - CONCEALED HINGE FRAME

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"	SEE SHEET 3
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 GR. 5 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"	
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.50"	2.50"	
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.50"	



C
6 VERTICAL SECTION
HEAD - BUTT HINGE FRAME



F
6 VERTICAL SECTION
HEAD - CONCEALED HINGE FRAME



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GALT, CA 95632
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ANCHOR DETAILS &
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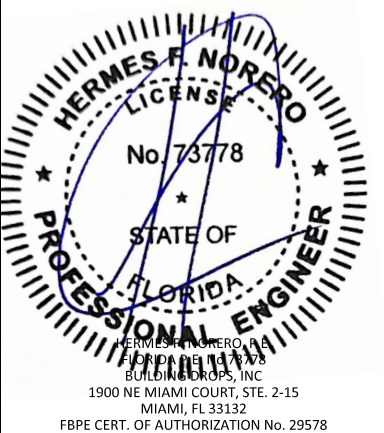
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