

DOMADECO COPORATION

OUTSWING DOORS W/SIDELITES

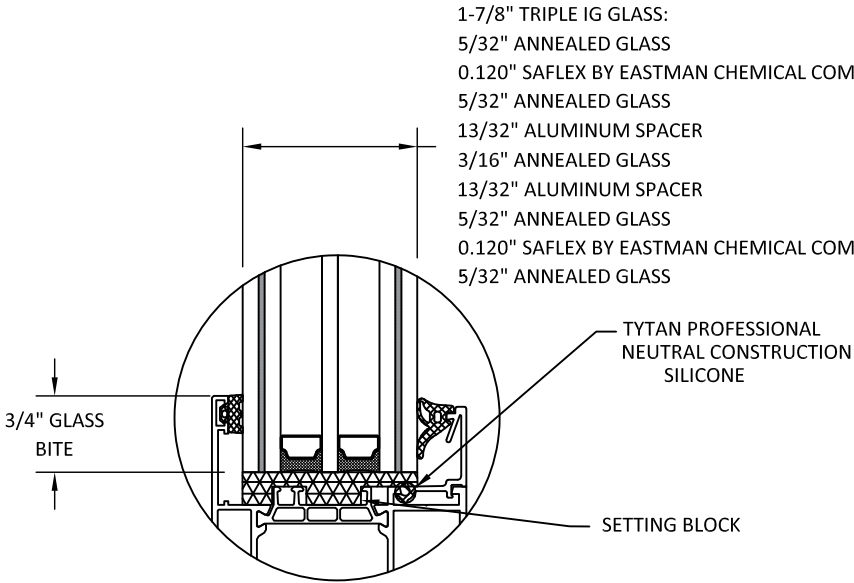
(HVHZ) (IMPACT)

GENERAL NOTES:

1. 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 E331-00(16)
 - ASTM E1886-19
 - ASTM E1996-20
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, STEEL, AND 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.
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. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: ALUMINUM PA38/6060-T66
7. DISSIMILAR METALS INCLUDING FASTENERS SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.
8. ACTIVE LEAF: "X"
INACTIVE LEAF: "O"
9. GLAZING MEETS ASTM E1300 REQUIREMENTS, SEE SHEET 1 FOR GLAZING DETAIL.
10. SINGLE DOOR CONFIGURATIONS (OXO, XO, OX, & X) SHALL USE ALL OF THE SAME HARDWARE AS THE ACTIVE LEAF ON THE DOUBLE DOOR CONFIGURATIONS.

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DESIGN PRESSURE RATING		
FRAME SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEET 2	+65/-70 PSF	LARGE AND SMALL MISSILE IMPACT RATED



- 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.



DOMADECO CORPORATION
7455 ARROYO CROSSING, SUITE 220
LAS VEGAS, NV 89113
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TITLE:
OUTSWING
DOORS W/SIDELITES
(HVHZ) (IMPACT)

GENERAL NOTES & GLAZING DETAIL

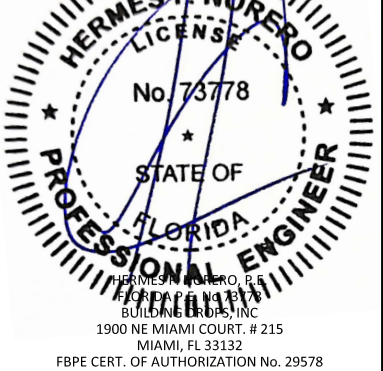
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BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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REMARKS	BY	DATE

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Reason: I am approving this document
Date: 2024.09.12 05:55:27 -0400



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FL46927

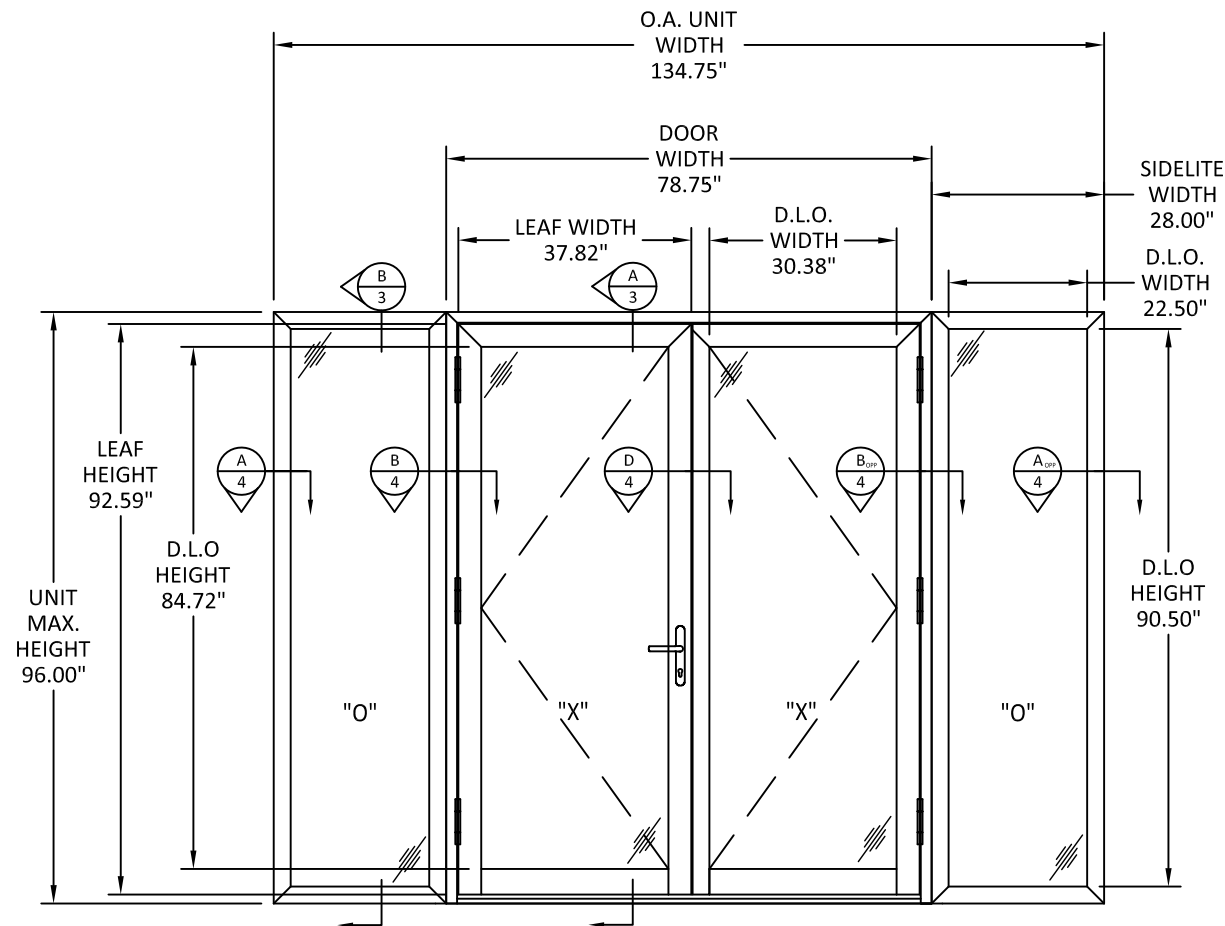
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SCALE: **NTS**

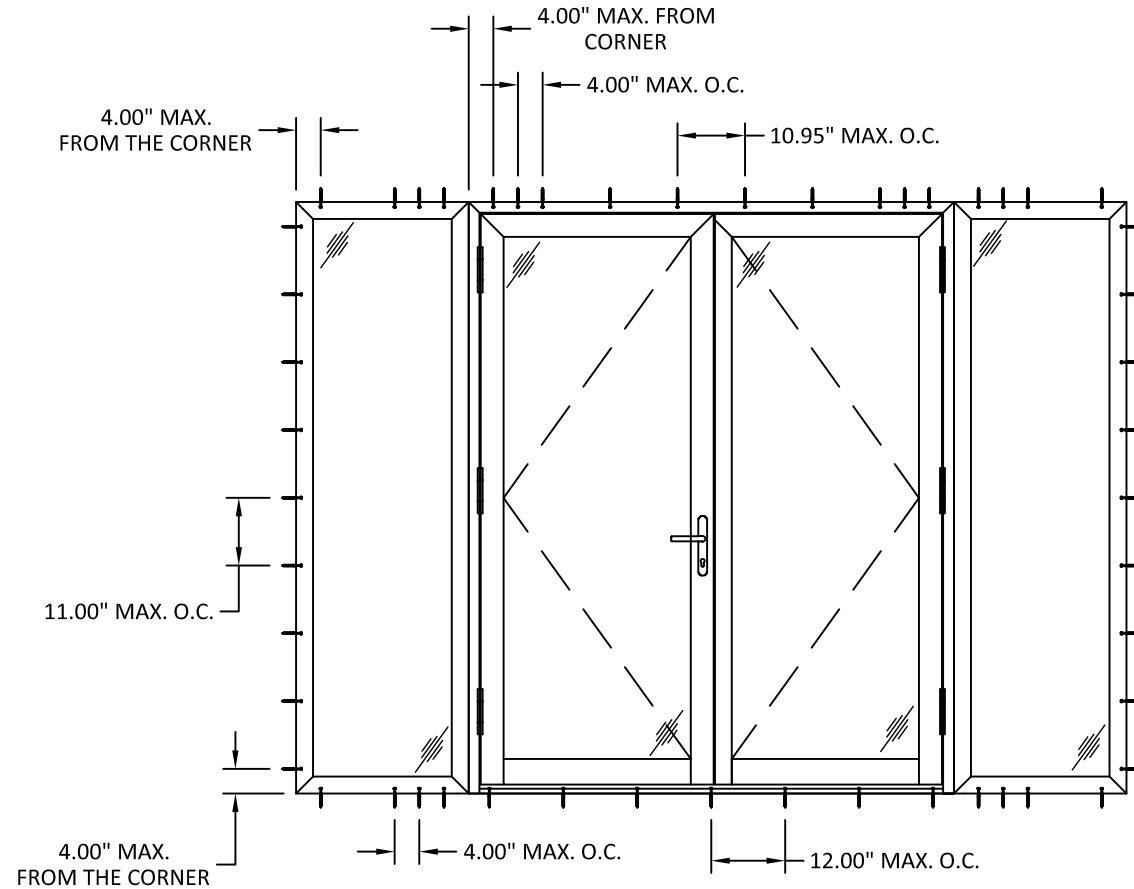
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SHEET:
1
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ELEVATION

NOTE:
QUALIFIED CONFIGURATIONS: OXXO, OXX, XXO,
OXO, XO, OX, XX, X, O



ANCHOR LAYOUT

- NOTE:
1. ANCHOR SPACING SHOWN FOR SIDELITE IS TYPICAL FOR DOOR JAMBS.
 2. SIDELITE JAMB, DOOR AND SIDELITE HEAD AND SIDELITE SILL ARE CLIP INSTALLATION WITH TWO ANCHORS. DOOR SILL IS THROUGH FRAME AND USE ONE ANCHOR PER LOCATION.



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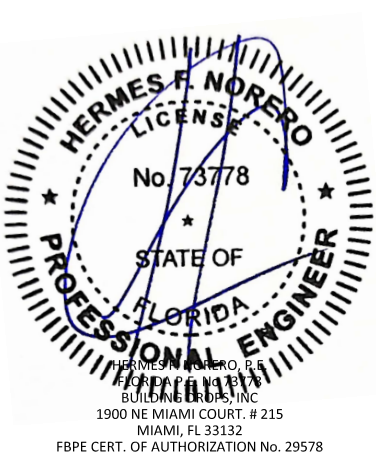
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ELEVATION & ANCHOR LAYOUTS

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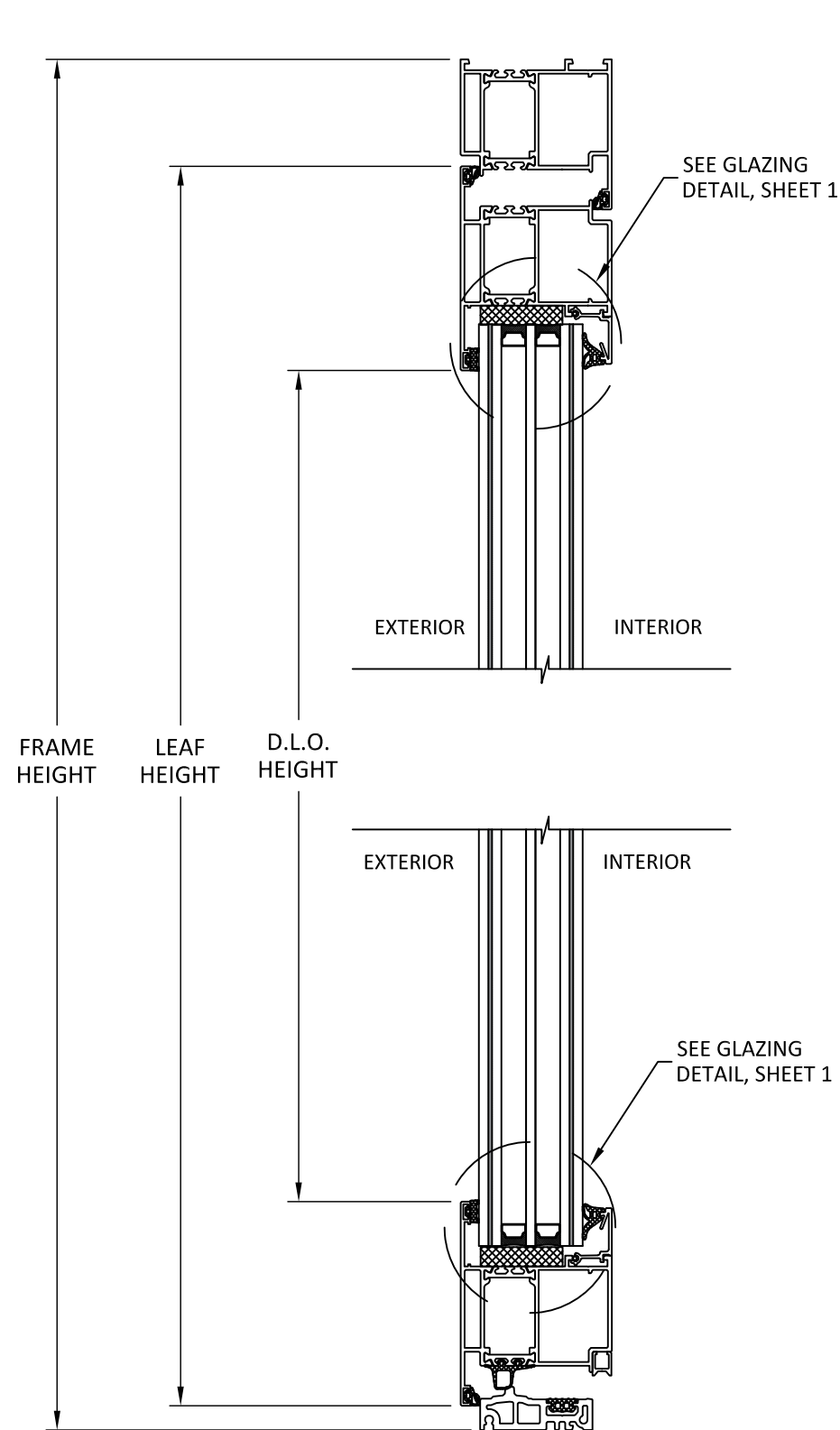
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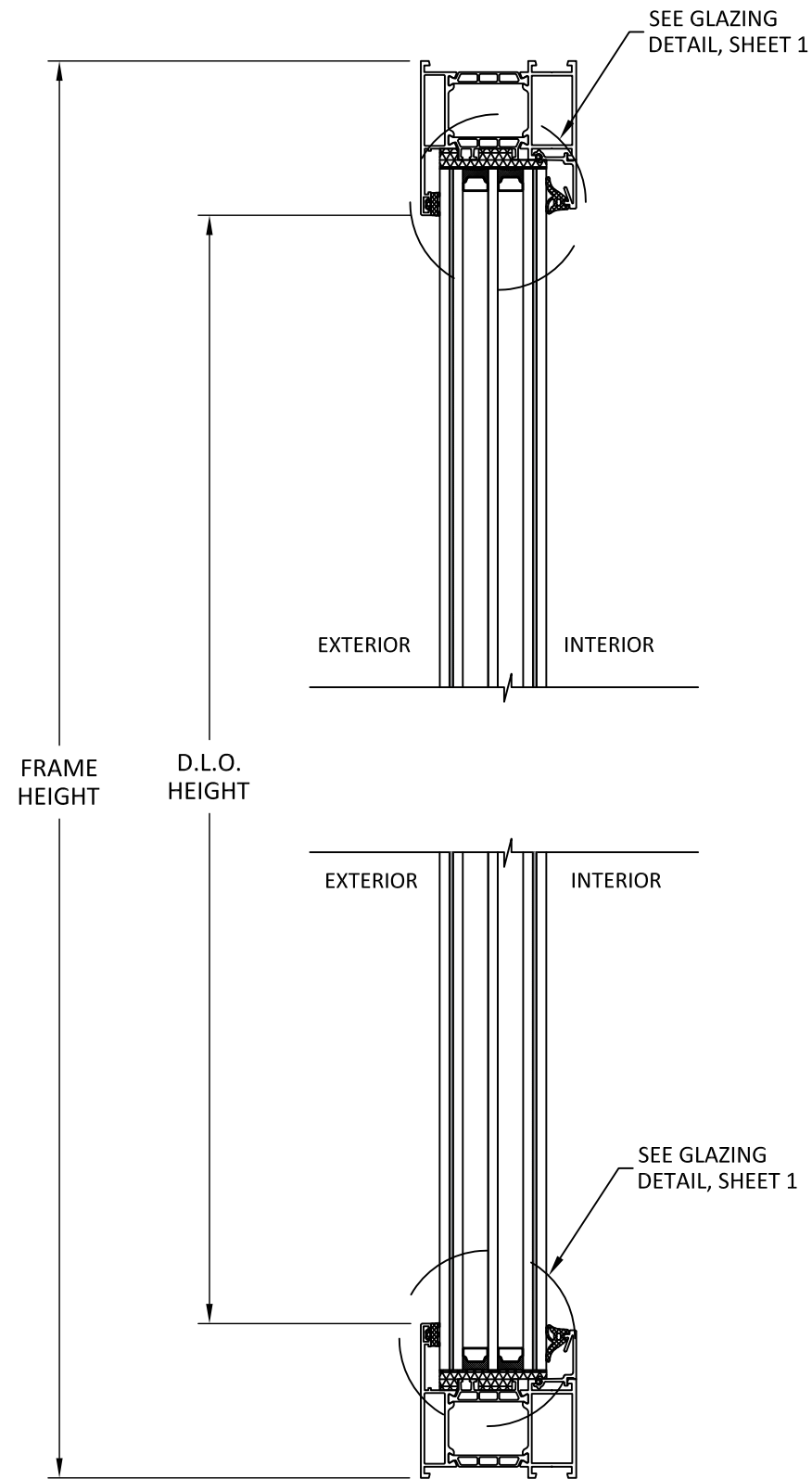
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SHEET:	2



A
3 VERTICAL SECTION
DOOR



B
3 VERTICAL SECTION
SIDELITE



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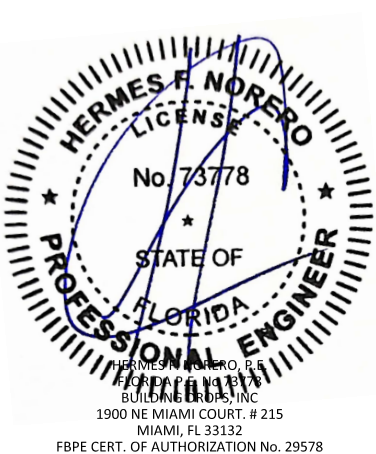
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VERTICAL SECTIONS

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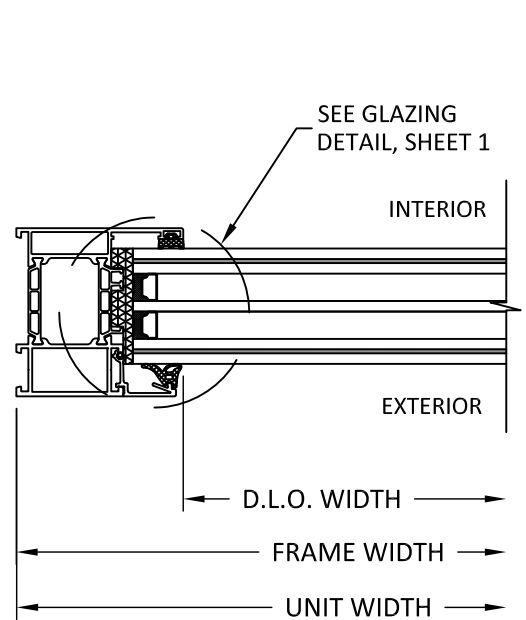
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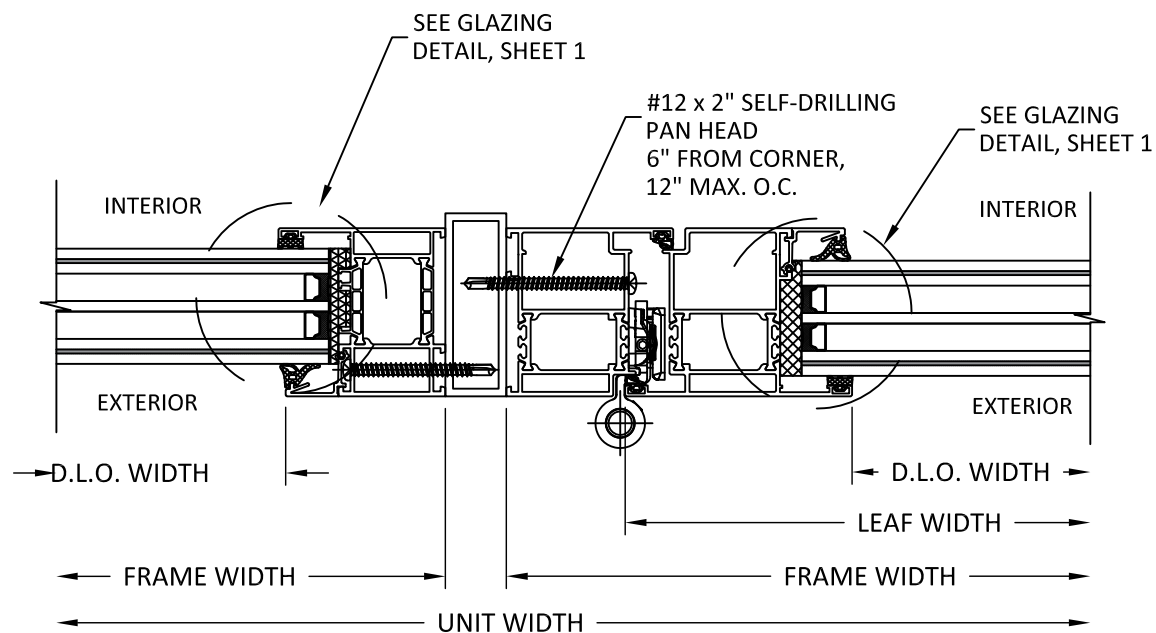
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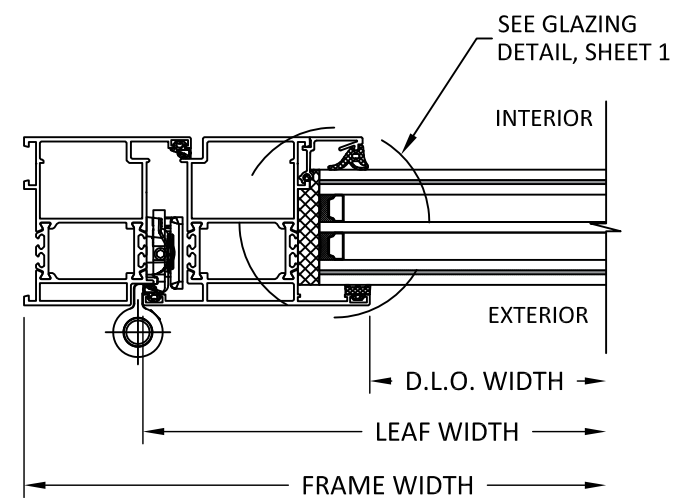
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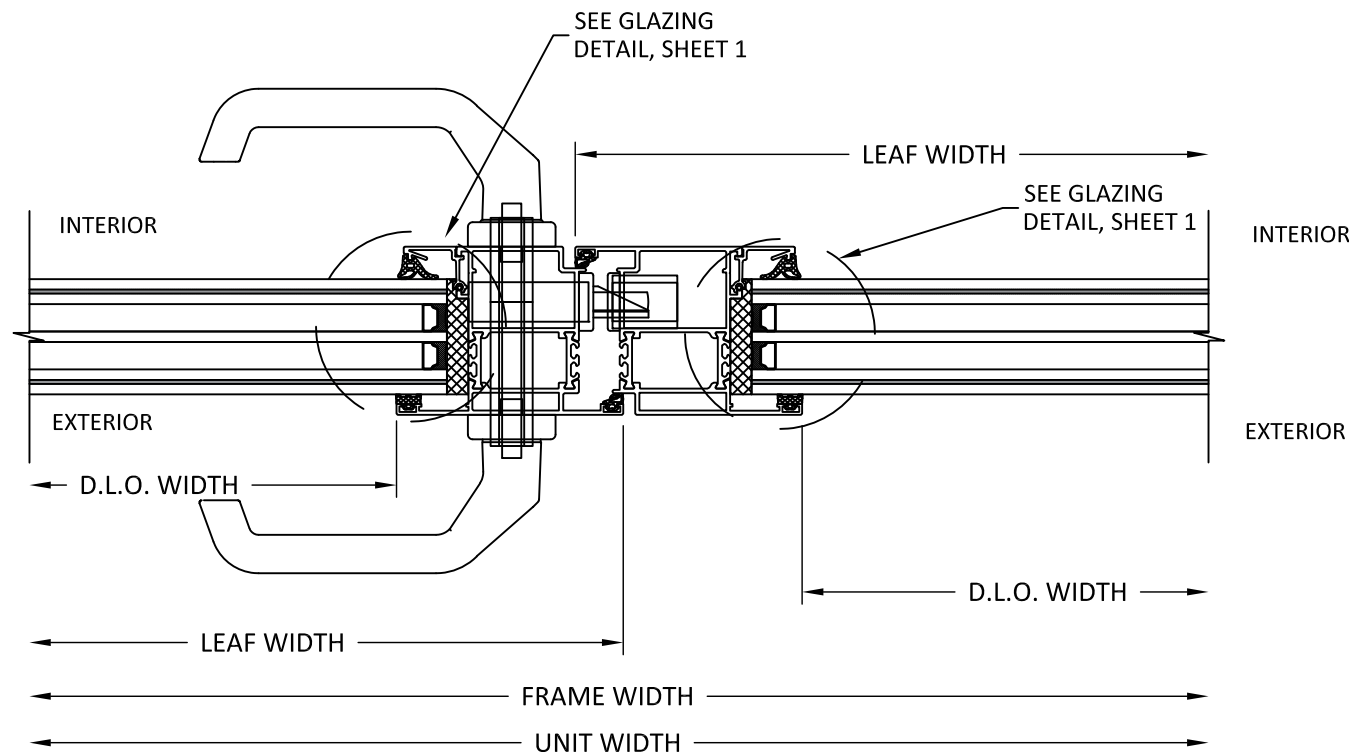
A
4 **HORIZONTAL SECTION**
JAMB DETAIL - SIDELITE



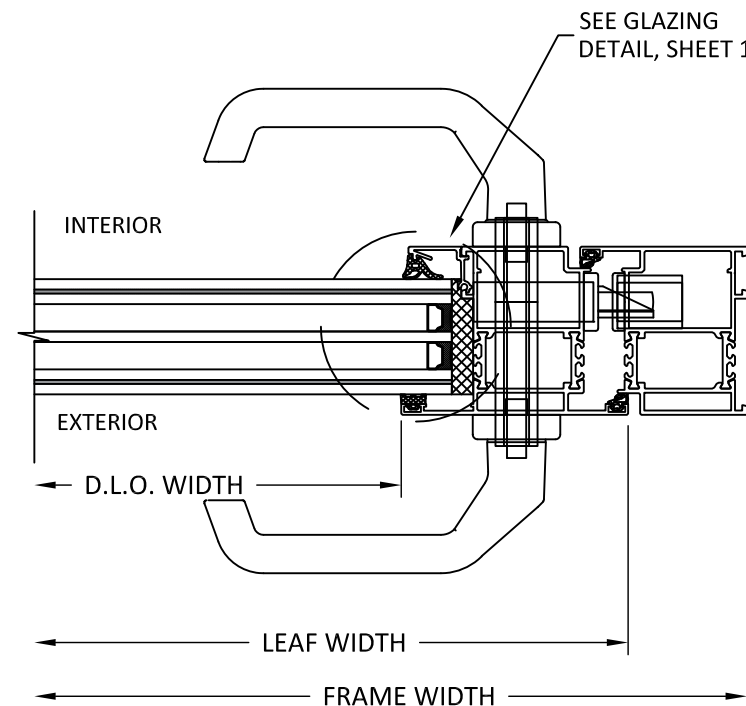
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4 **HORIZONTAL SECTION**
JAMB DETAIL - SIDELITE TO OUTSWING DOOR



C
4 **HORIZONTAL SECTION**
JAMB DETAIL - OUTSWING DOOR



D
4 **HORIZONTAL SECTION**
MEETING ASTRAGAL DETAIL - OUTSWING DOOR



E
4 **HORIZONTAL SECTION**
LOCK JAMB DETAIL - OUTSWING DOOR

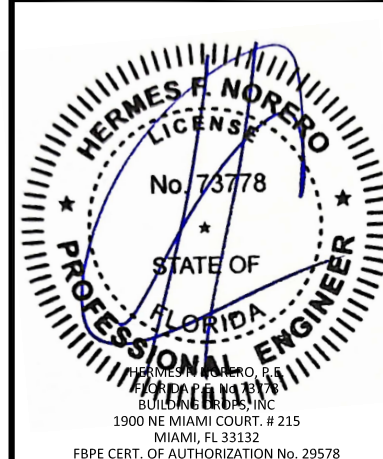


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HORIZONTAL SECTIONS
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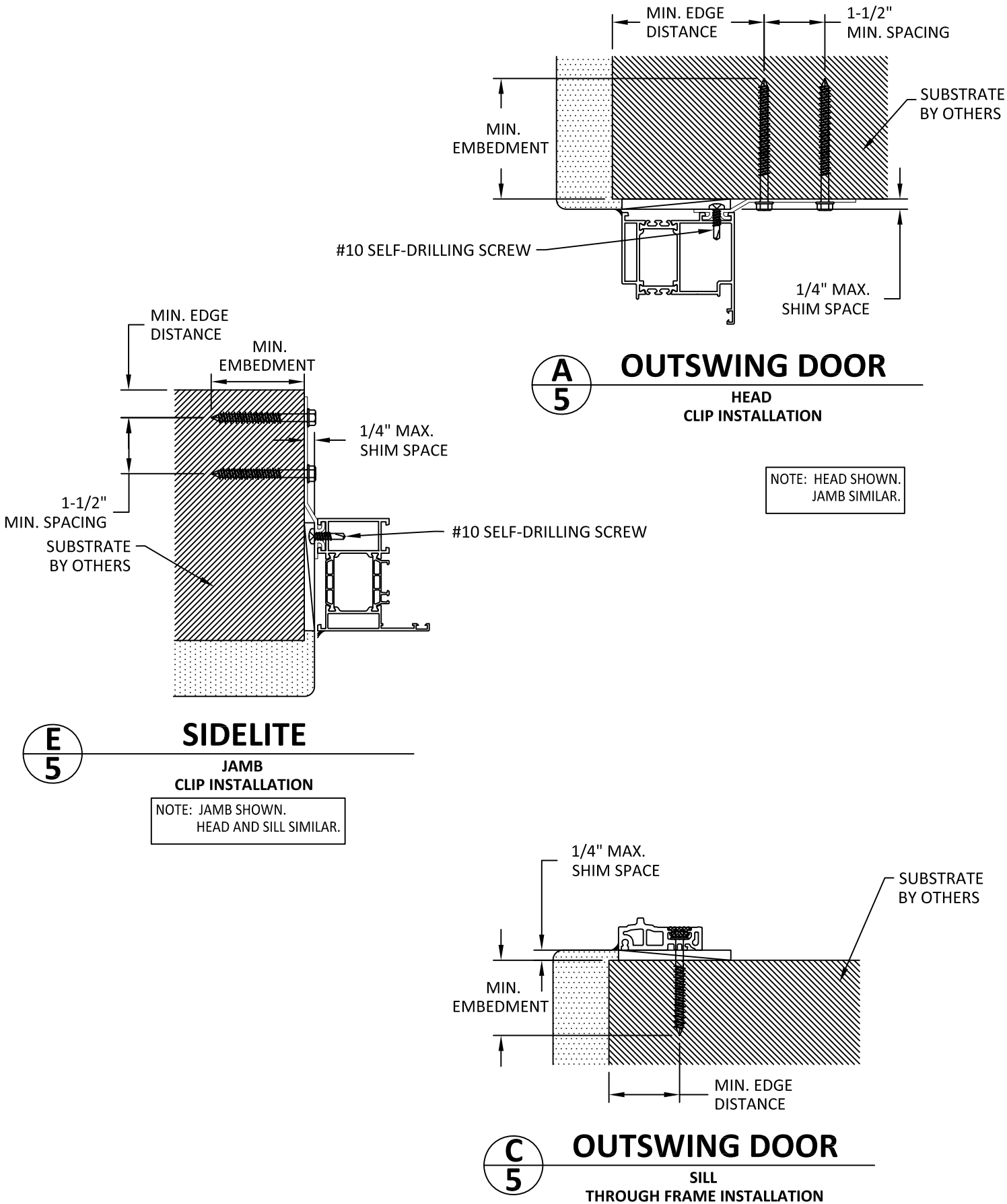
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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE NOTED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.
4. 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.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. 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.
8. 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 SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME (DOOR SILL ONLY)	WOOD: MIN. SG = 0.55	#12 WOOD SCREW	1.5"	0.75"
	CONCRETE: MIN. F'C = 3000 PSI	3/16" ITW TAPCON	1"	3.0"
CLIP INSTALLATION	WOOD: MIN. SG = 0.55	#12 WOOD SCREW	1.5"	0.75"
	CONCRETE: MIN. F'C = 3000 PSI	3/16" ITW TAPCON	1"	2.25"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI		1"	3.0"
	METAL: 18 MIN. GA. STEEL, MIN. Fy = 33KSI	#12 SELF DRILLING SCREWS	3 THREADS MIN PENETRATION BEYOND METAL	0.75"
	METAL: 1/8" MIN. ALUMINUM, MIN. 6063-T5		3 THREADS MIN PENETRATION BEYOND METAL	0.75"



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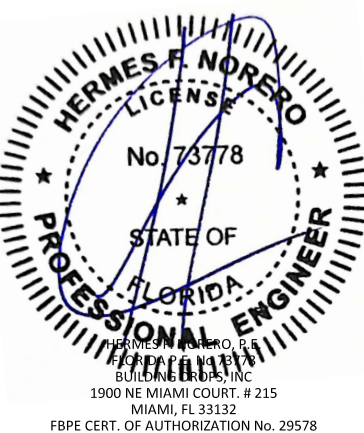
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