

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). 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.
5. FOR INSTALLATION INTO WOOD FRAMING USE **#8 WOOD SCREWS** OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. FOR INSTALLATION ANCHORS THROUGH HINGES ONLY USE **#8 WOOD SCREWS** ADHERING TO EMBEDMENT & EDGE DISTANCE REQUIREMENTS LISTED IN NOTES 5 ABOVE.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. 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.
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

GENERAL NOTES:

1. 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:

• ASTM E330-14
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. FRAME MATERIAL:

JAMB: (3100 & 3700) ALUMINUM 6063-T5 & (5100) 16 GA STEEL Fy MIN. = 33 KSI

HEAD & SILL: 6063-T5 ALUMINUM
7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS DEFINED IN THE FBC.
8. ALL EXPOSED STEEL COMPONENTS ARE GALVANIZED AND SHOP PRIMED.
9. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAIL.

A. J. MANUFACTURING, INC.

ENTRY DOOR SERIES 3100-5100

GLAZED INSWING/OUTSWING DOOR

(NON-HVHZ) (NON-IMPACT)

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DESIGN PRESSURE RATING				
LOCK TYPE	FRAME SIZE	DESIGN PRESSURE		MISSILE IMPACT RATING
SINGLE POINT OUTSWING	37.625" X 80.375"	+55.0 / -60.0 PSF *	W/O WATER INFILTRATION	NON-IMPACT
SINGLE POINT INSWING	37.625" X 80.375"	+60.0 / -55.0 PSF *	W/O WATER INFILTRATION	NON-IMPACT
SINGLE POINT W/ DEAD BOLT OUTSWING	37.625" X 80.375"	+55.0 / -66.7 PSF *	W/O WATER INFILTRATION	NON-IMPACT
SINGLE POINT W/ DEAD BOLT INSWING	37.625" X 80.375"	+66.7 / -55.0 PSF *	W/O WATER INFILTRATION	NON-IMPACT

*UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT THE OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT IS GREATER THAN 1.0 WHERE WATER INFILTRATION IS REQUIRED.



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PH: (715) 568-2204 EXT 31

TITLE:
ENTRY DOOR SERIES 3100-5100
GLAZED INSWING/OUTSWING DOOR
(NON-HVHZ) (NON-IMPACT)

INSTALLATION &
GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, SUITE 2-15

MIAMI, FL 33132

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FAX: (954) 744-4738

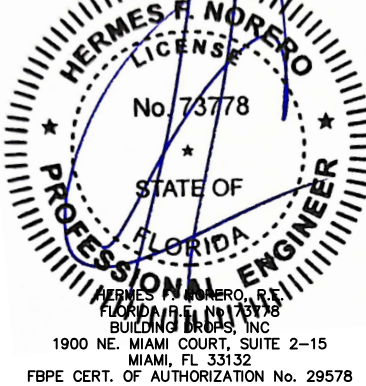
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REMARKS	BY	DATE

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.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.12.10 20:40:38 -05'00'



FL #:
FL38034

DATE: 11.13.23

DWG. BY: DI
CHK. BY: HFN

SCALE: NTS

DWG. #: AJM001

SHEET:
1
OF 4



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ELEVATION, ANCHOR LAYOUT &
GLAZING DETAIL

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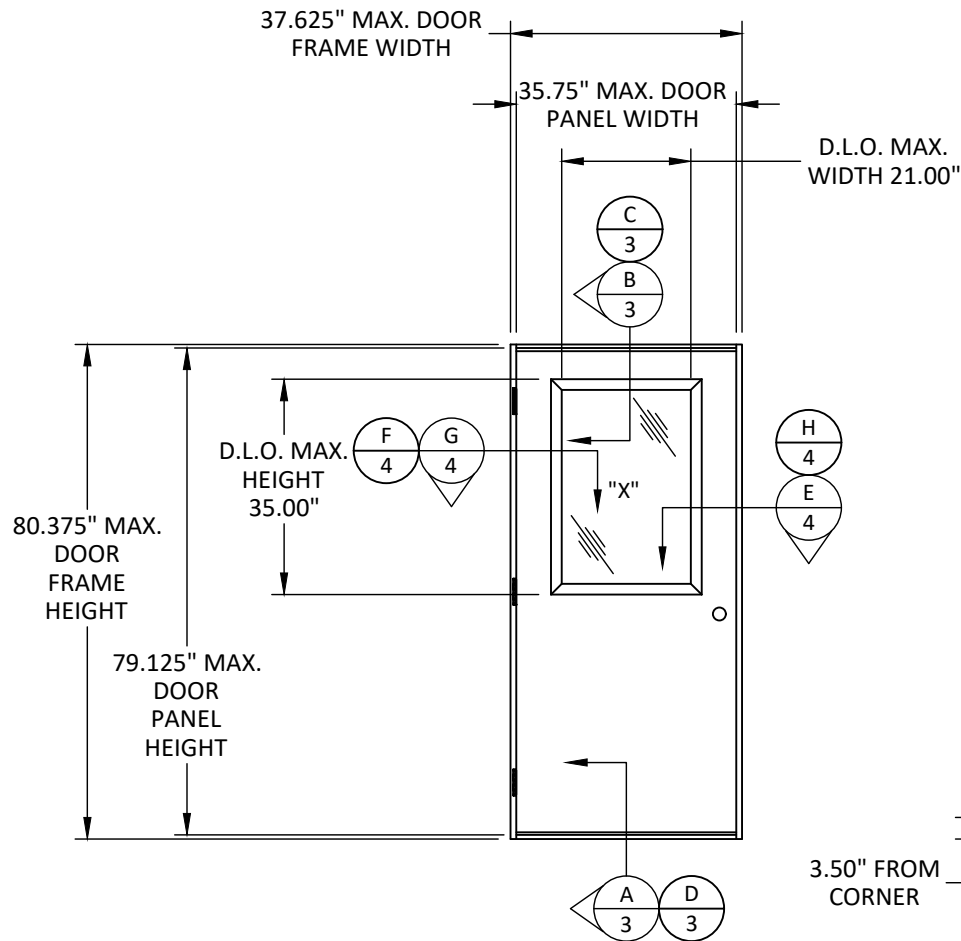
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DWG. #: **AJM001**

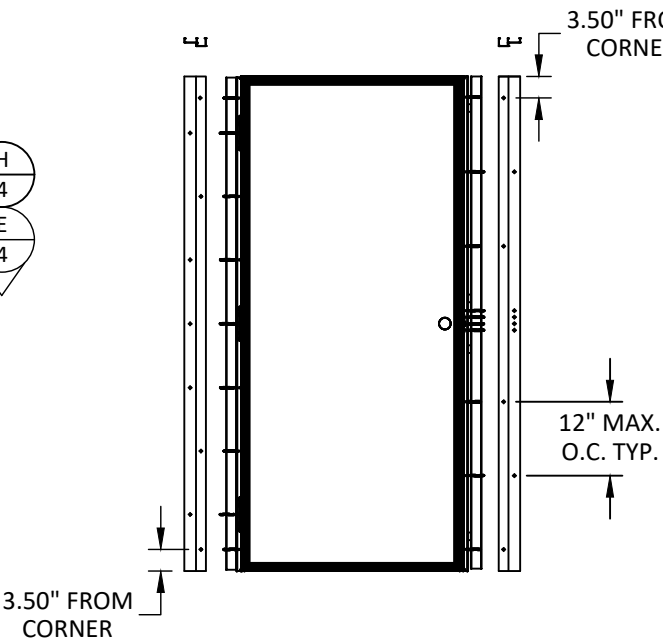
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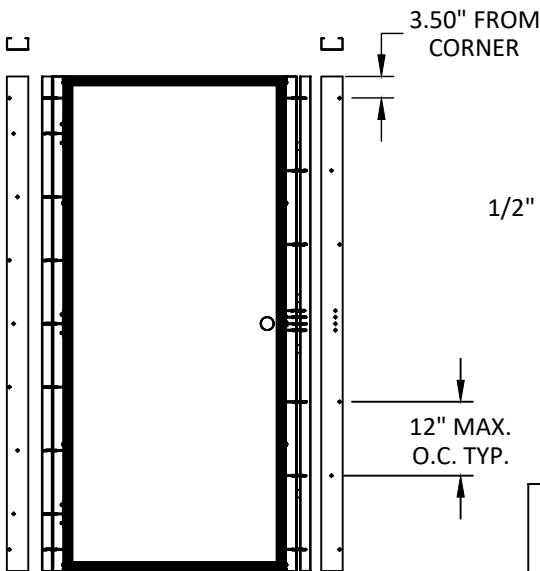
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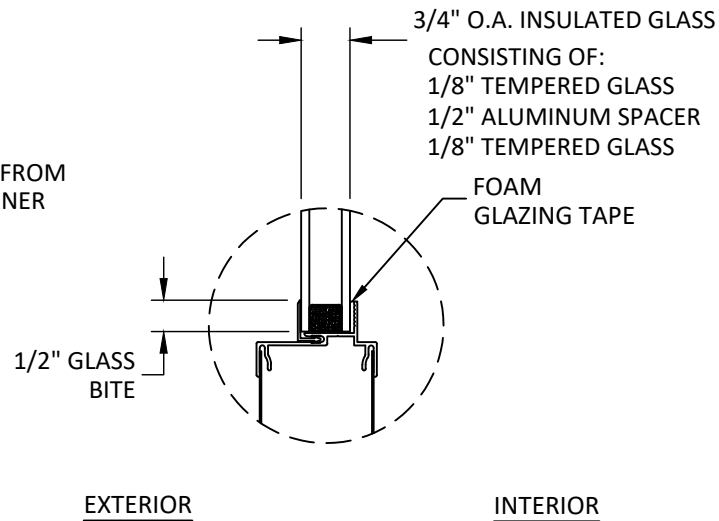
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**3100 & 3700
ANCHOR LAYOUT**

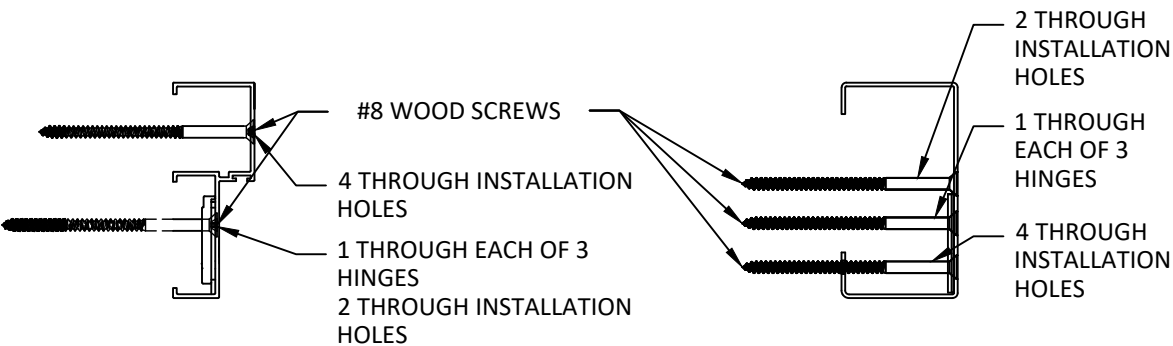


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ANCHOR LAYOUT**

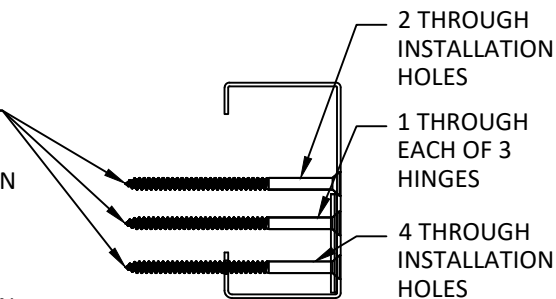


GLAZING DETAIL

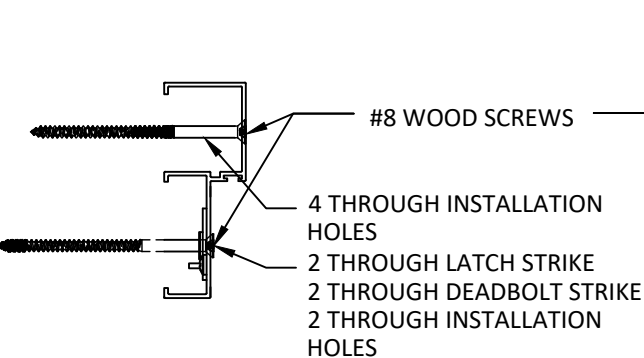
NOTE:
1) ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN THE CURRENT FBC.



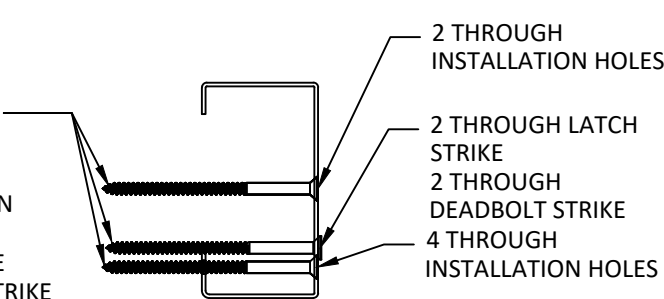
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PLACEMENT - 3100 & 3700**



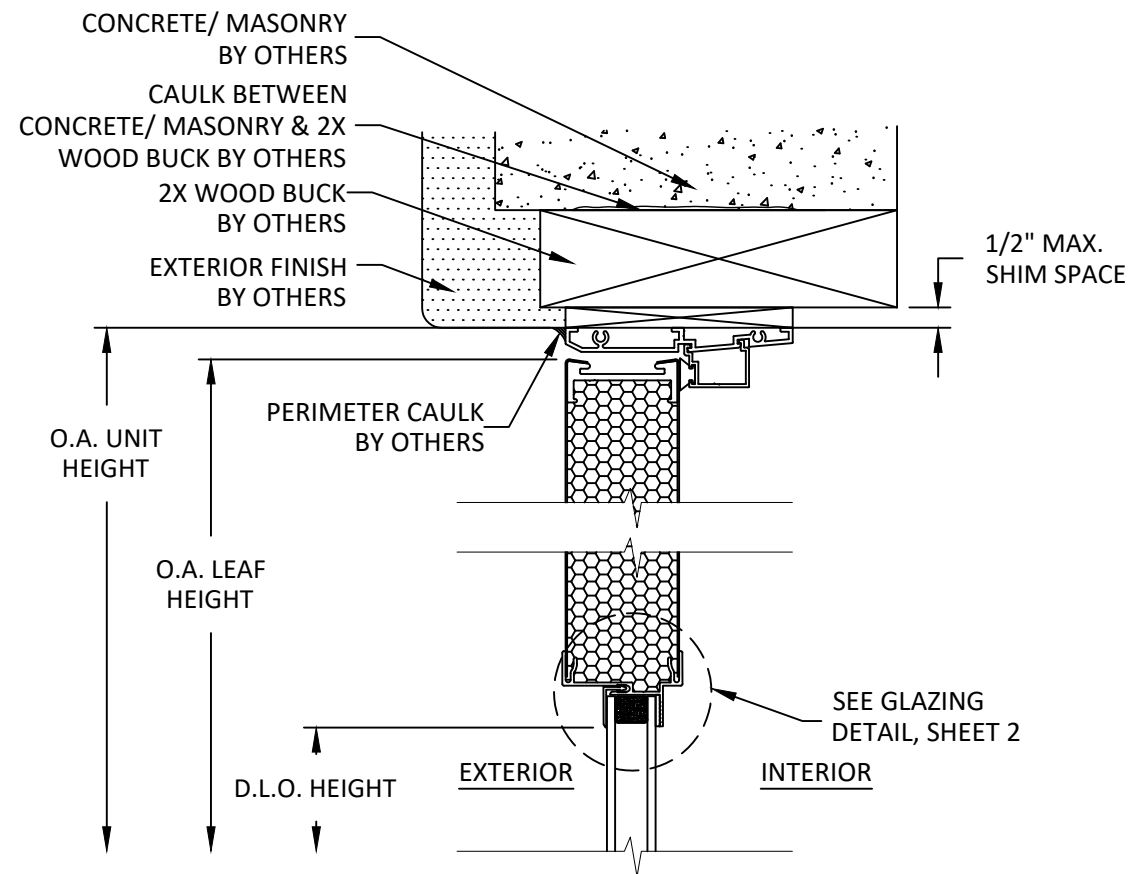
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PLACEMENT - 5100**



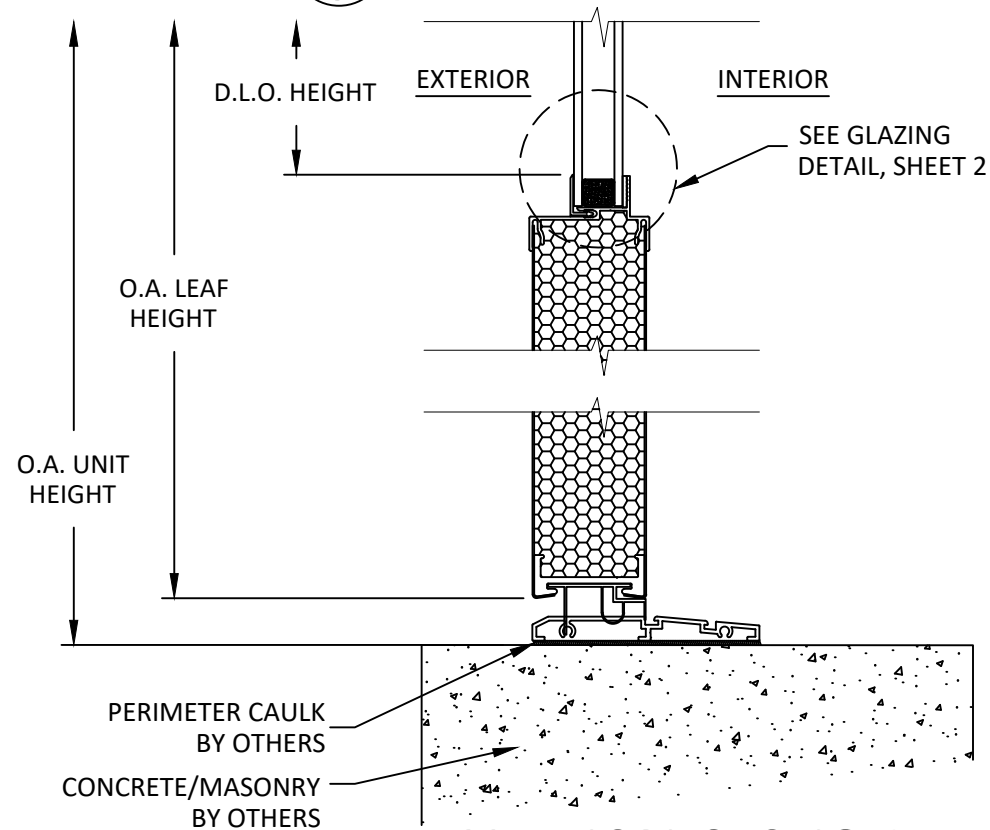
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PLACEMENT - 3100 & 3700**



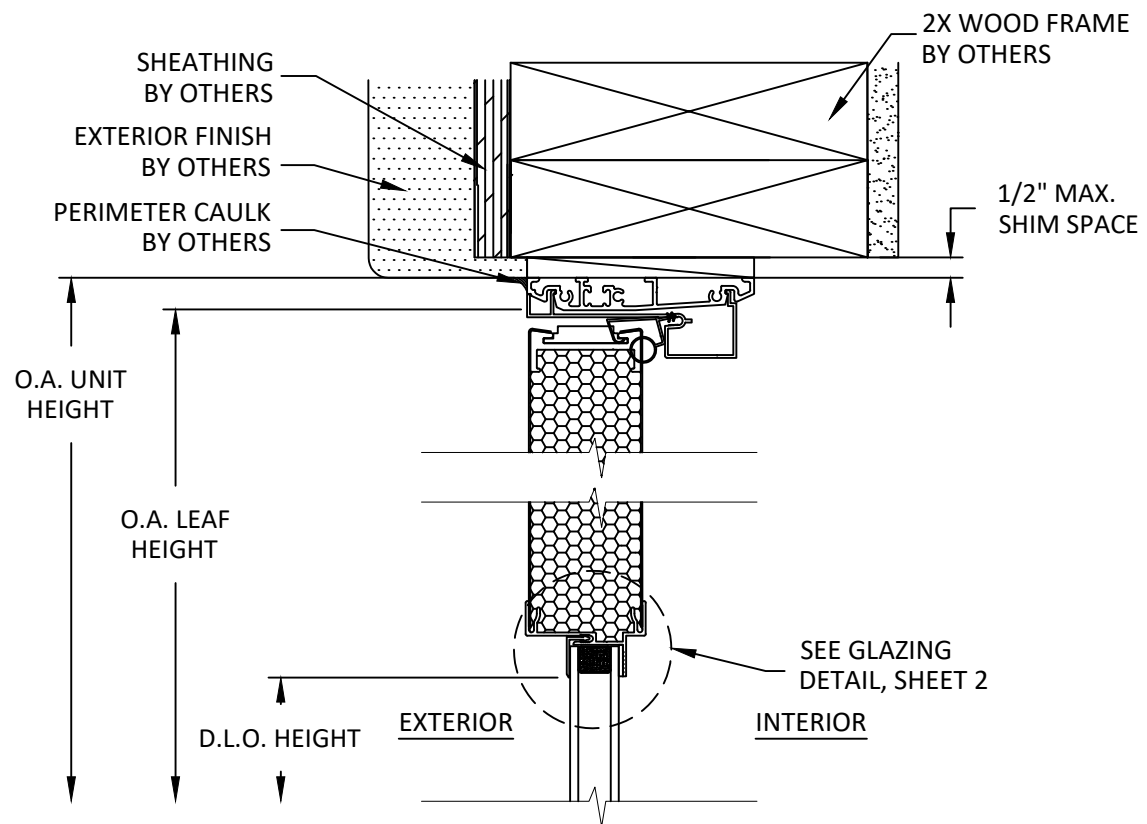
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PLACEMENT - 5100**



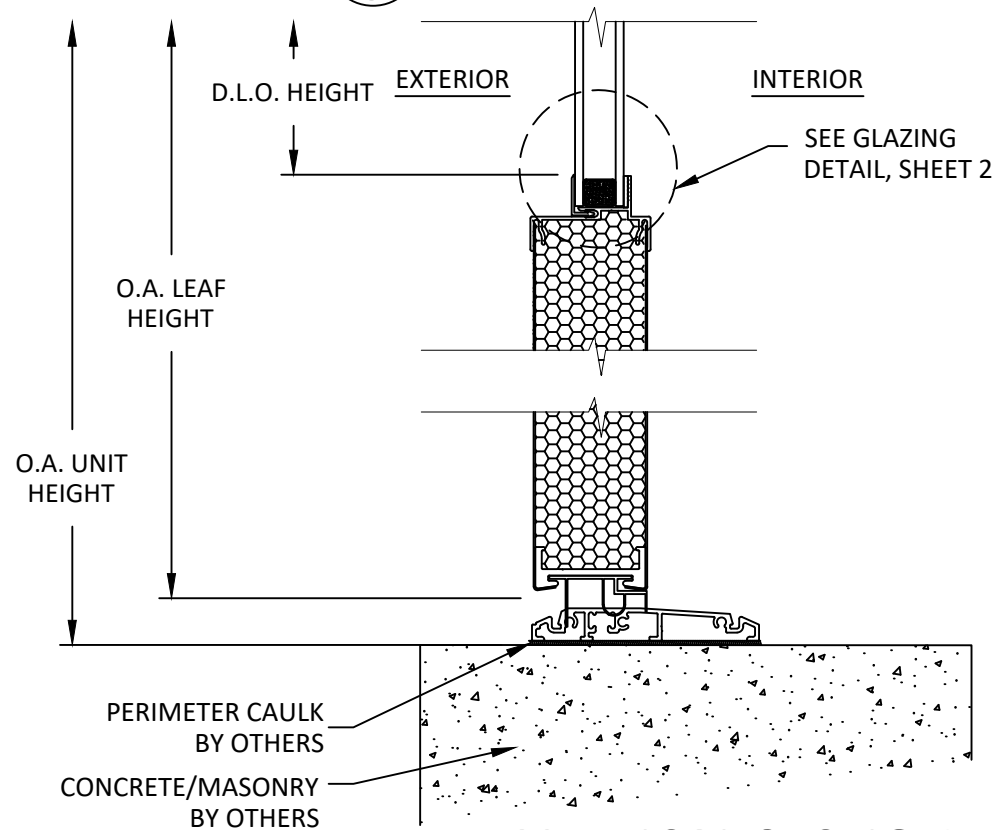
B
3 VERTICAL SECTION
HEAD - 3100 & 3700



A
3 VERTICAL SECTION
SILL - 3100 & 3700



C
3 VERTICAL SECTION
HEAD - 5100



D
3 VERTICAL SECTION
SILL - 5100



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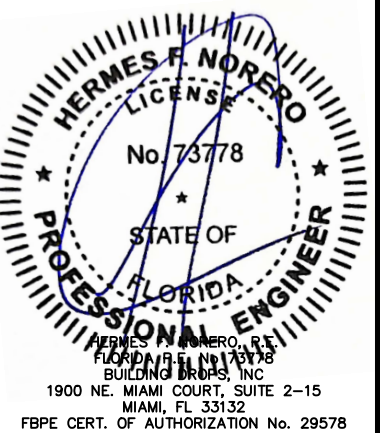
VERTICAL SECTIONS

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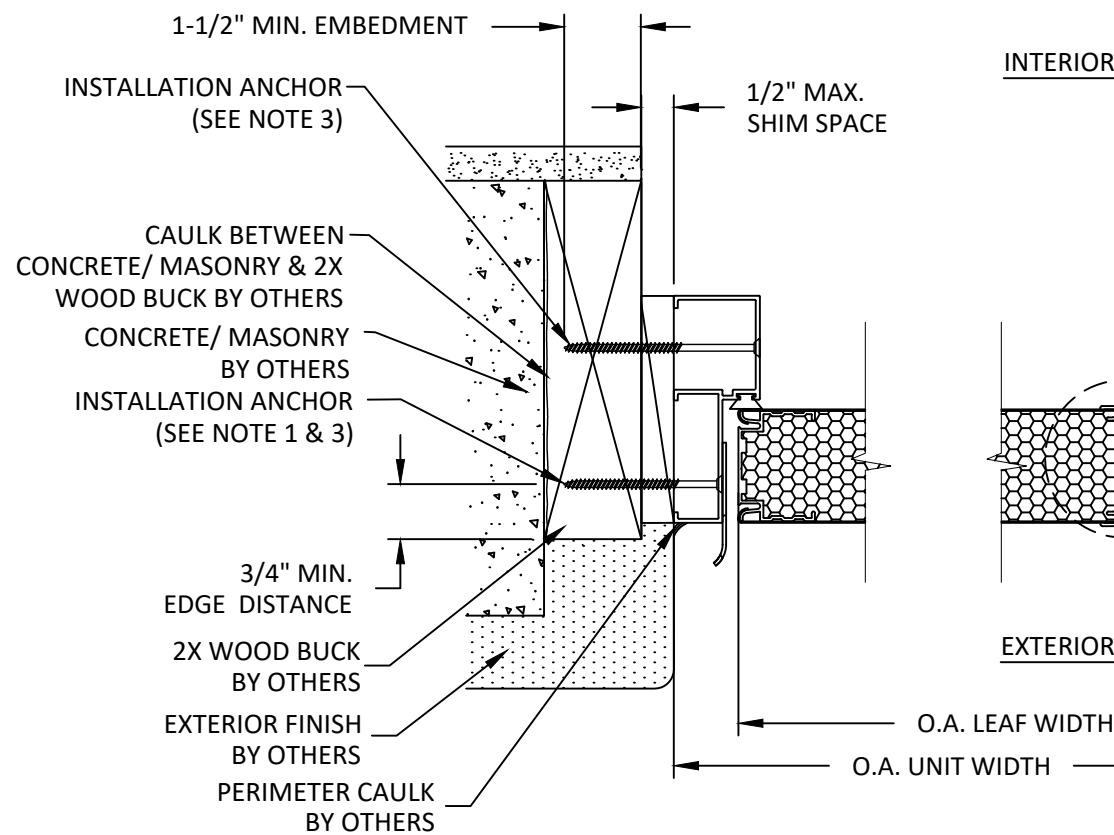


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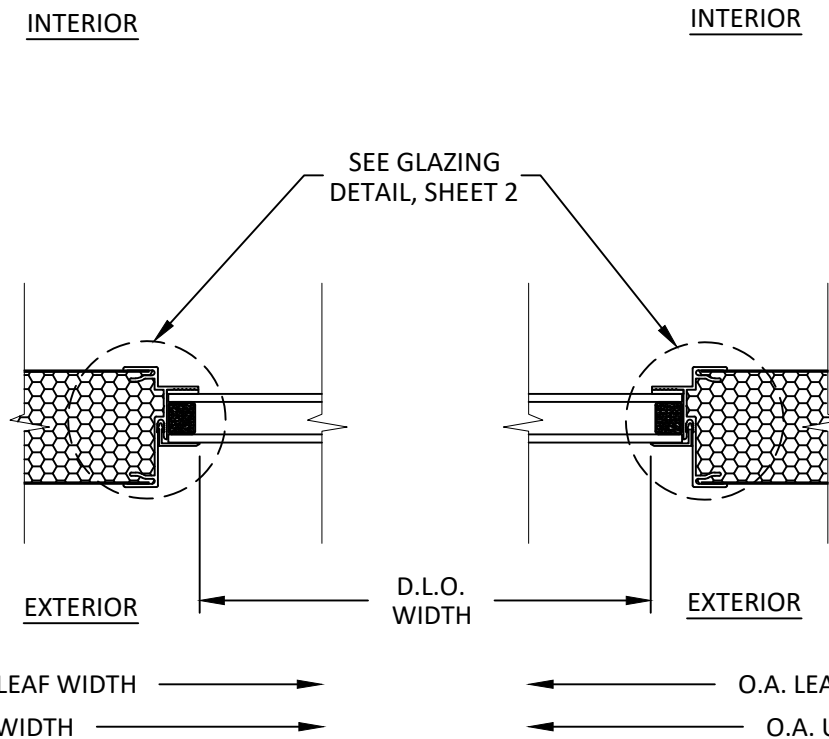
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SHEET:	3

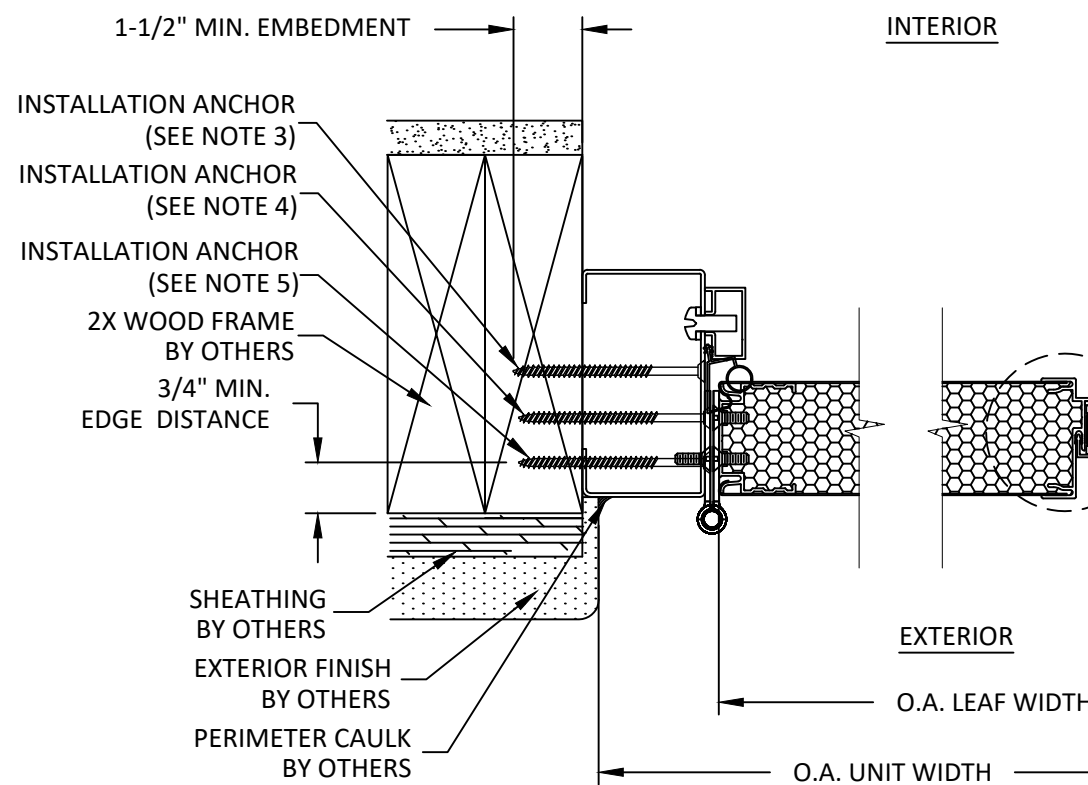


E
4 **HORIZONTAL SECTION**
JAMB - 3100 & 3700
2X WOOD BUCK, TYP.

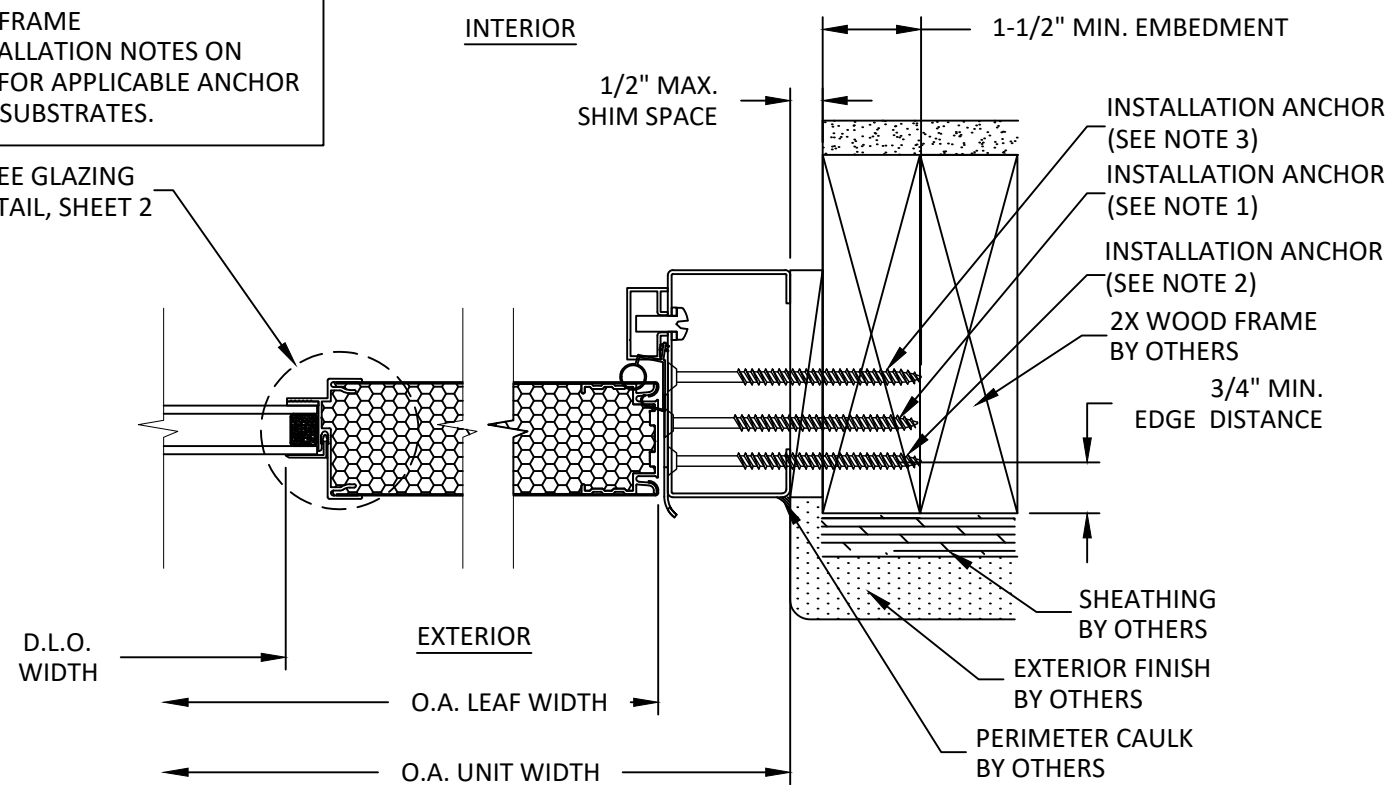


F
4 **HORIZONTAL SECTION**
JAMB - 3100 & 3700
2X WOOD BUCK, TYP.

- INSTALLATION ANCHOR NOTES**
1. ANCHOR THROUGH STRIKE
 2. ANCHOR THROUGH STRIKE-SIDE RETURN FRAME
 3. ANCHOR THROUGH MAIN FRAME
 4. ANCHOR THROUGH HINGE
 5. ANCHOR THROUGH HINGE-SIDE RETURN FRAME
 6. SEE INSTALLATION NOTES ON SHEET 1 FOR APPLICABLE ANCHOR TYPES & SUBSTRATES.



G
4 **HORIZONTAL SECTION**
JAMB - 5100
2X WOOD FRAME, TYP.



H
4 **HORIZONTAL SECTION**
JAMB - 5100
2X WOOD FRAME, TYP.



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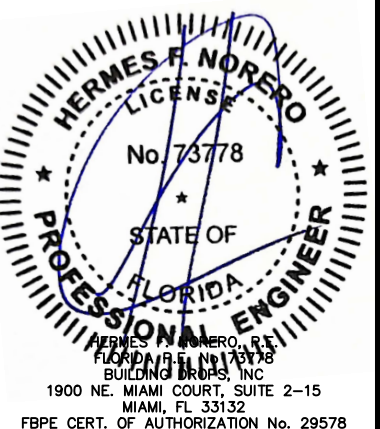
HORIZONTAL SECTIONS

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