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REILLY ARCHITECTURAL

SERIES 1170/1270 FIXED WINDOW

(HVHZ)(IMPACT)

GENERAL NOTES:

1. 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:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
2. 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.
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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: MAHOGANY
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAILS.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 5.
2. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 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.
3. 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.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. 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.
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.

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6	HORIZONTAL SECTIONS
7	ANCHOR DETAILS & ANCHOR SCHEDULE
8	BILL OF MATERIALS & COMPONENTS

DESIGN PRESSURE RATING (PSF)				
WIDTH (IN.)	HEIGHT (IN.)	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
61-7/8"	121-7/8"	O	+/- 70	LARGE & SMALL MISSILE IMPACT
61-7/8"	183-3/4"	O/O	+/- 70	

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TITLE:
SERIES 1170/1270 FIXED WINDOW
(HVHZ)(IMPACT)

GENERAL NOTES &
INSTALLATION NOTES

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BUILDING DROPS, INC.

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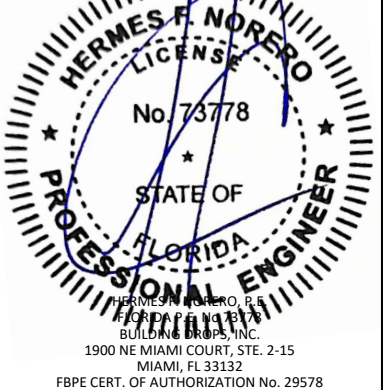
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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.04.14 11:12:16 -04'00'



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FL48050

DATE: 03.12.2026

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CHK. BY: HFN

SCALE: NTS

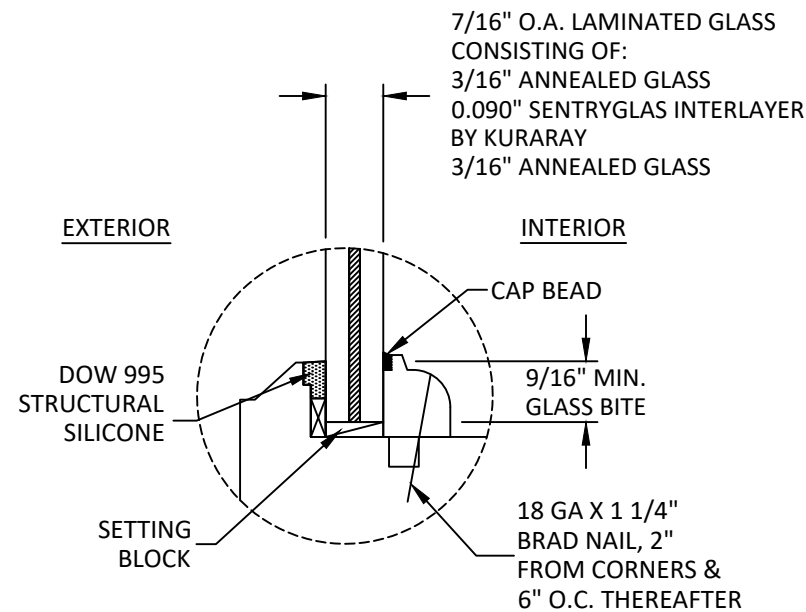
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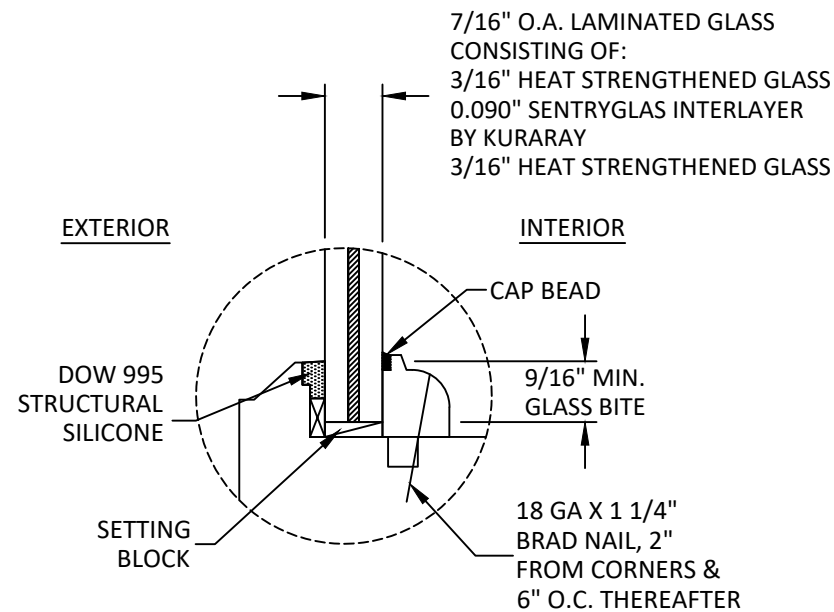
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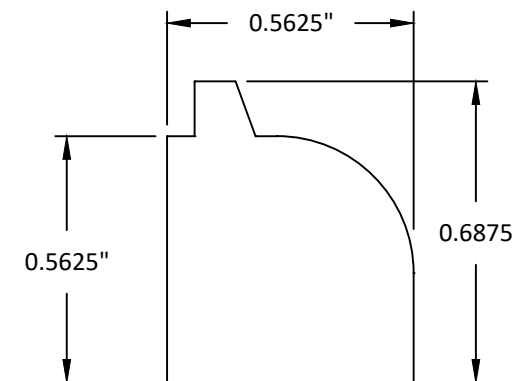
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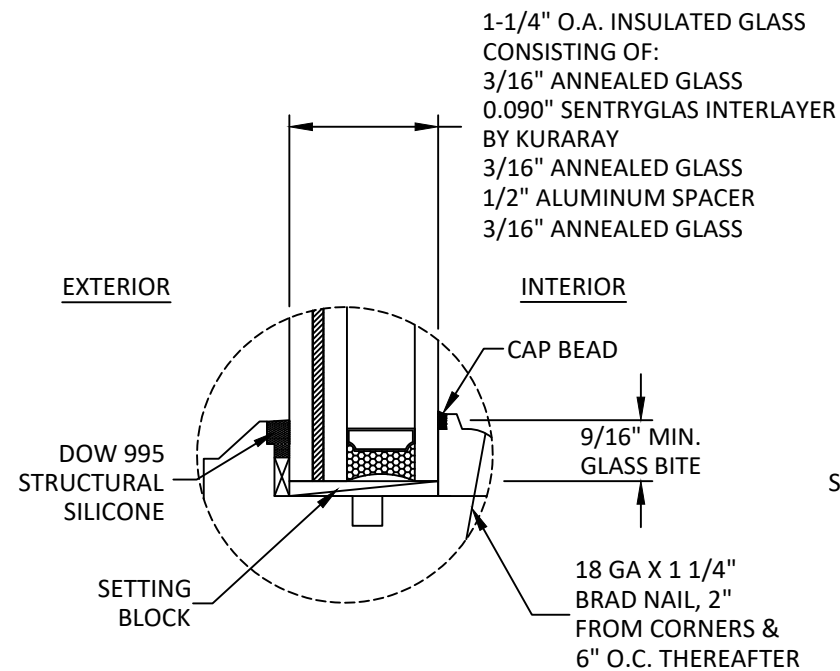
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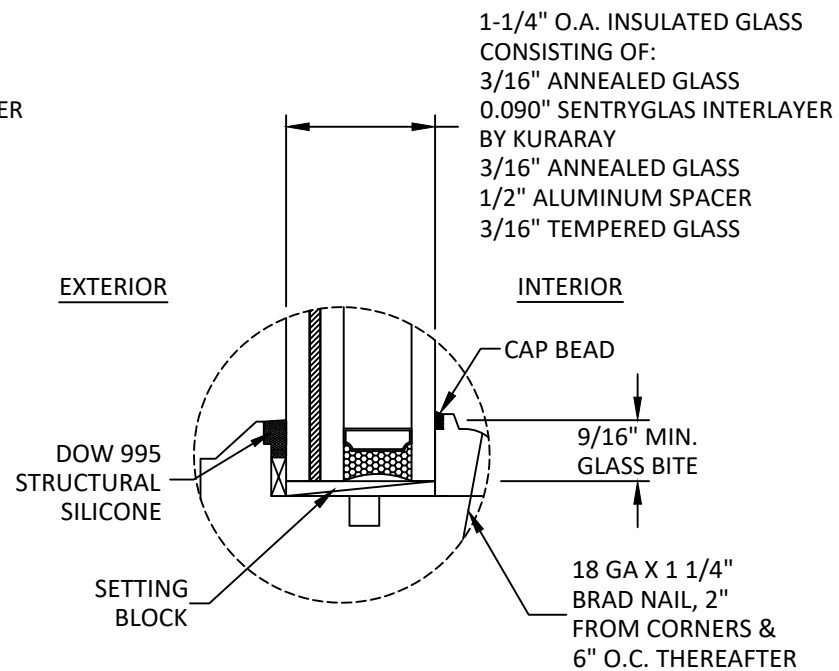
GLAZING DETAIL 2



MOMENT OF INERTIA ABOUT THE Y-AXIS = 0.0076 IN⁴



GLAZING DETAIL 3



GLAZING DETAIL 4

GLAZING NOTES:

1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC, TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.
5. ALTERNATE GLAZING BEADS QUALIFIED AS LONG AS THE MOMENT OF INERTIA VALUE OF THE DESIRED BEAD IS EQUAL TO OR GREATER THAN THE TESTED BEAD SHOWN ABOVE.

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GLAZING DETAILS

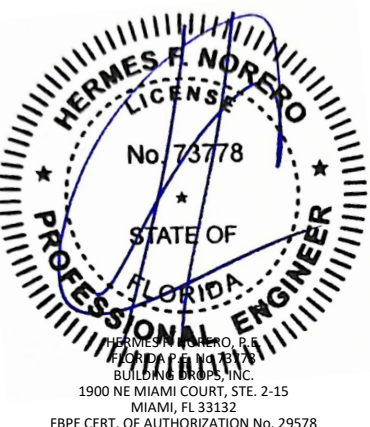
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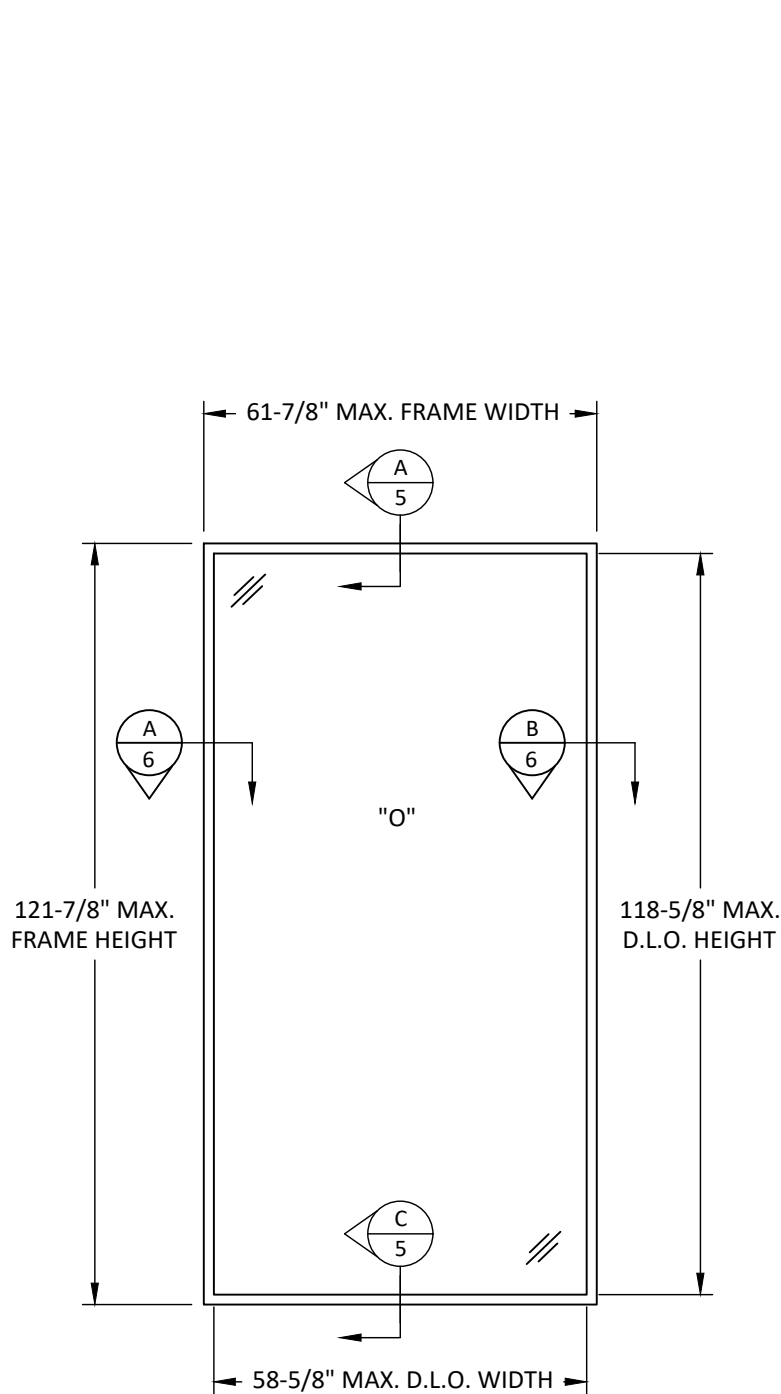


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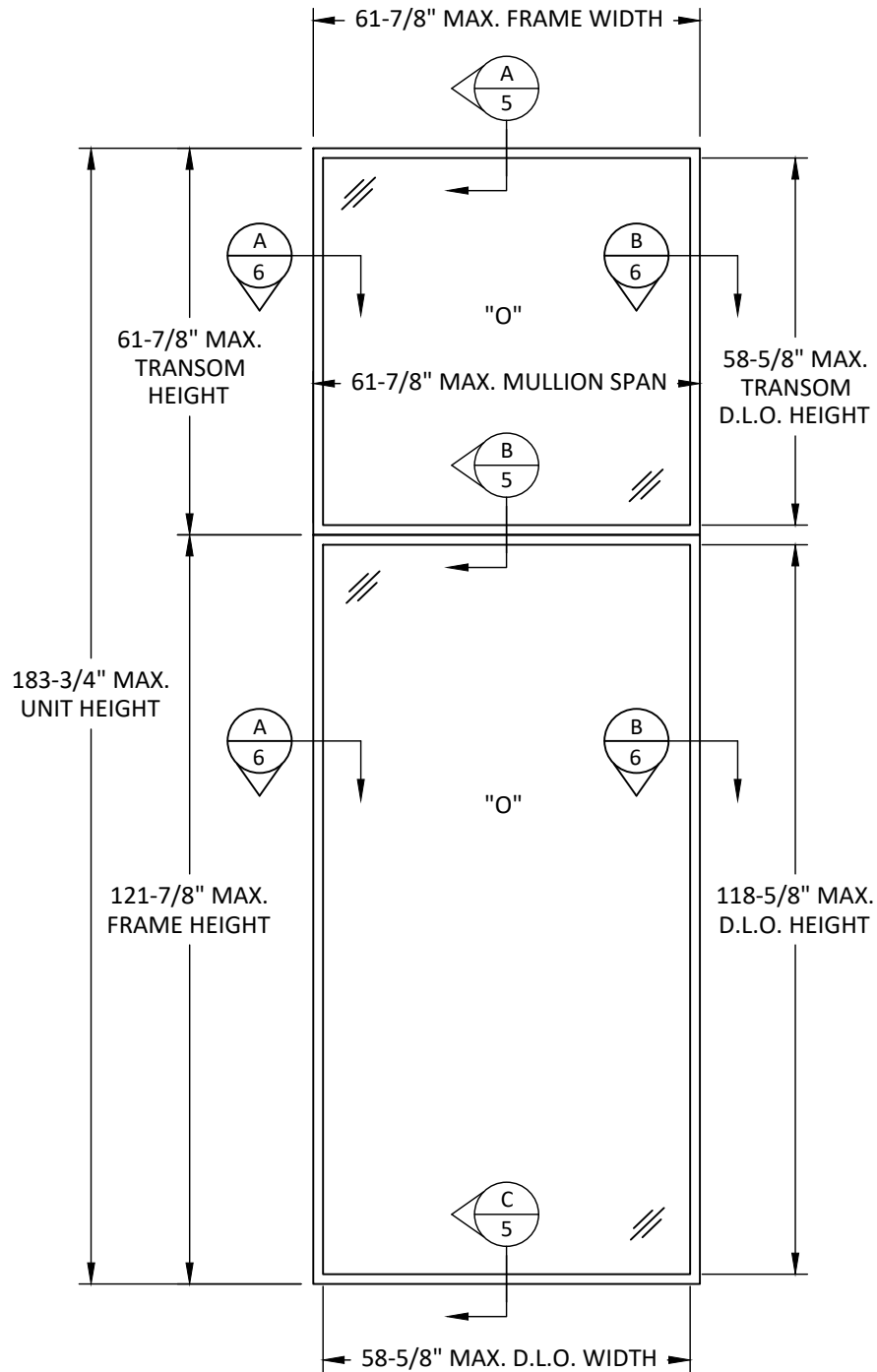
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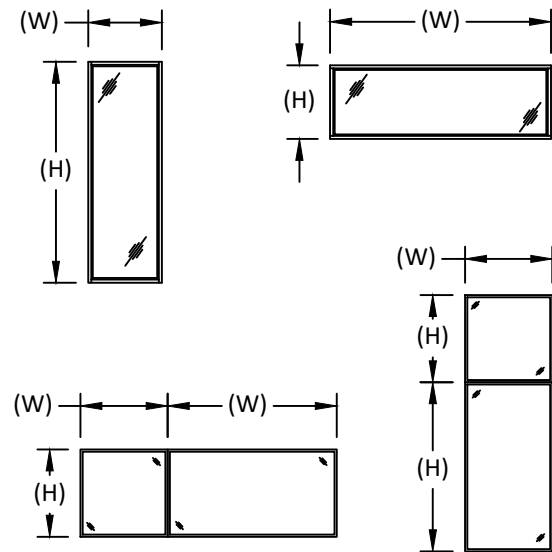


ELEVATION
FIXED WINDOW



ELEVATION
FIXED WINDOW WITH TRANSOM

NOTE:
WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE
FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM
TESTED SQUARE FOOT AREA.



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ELEVATIONS

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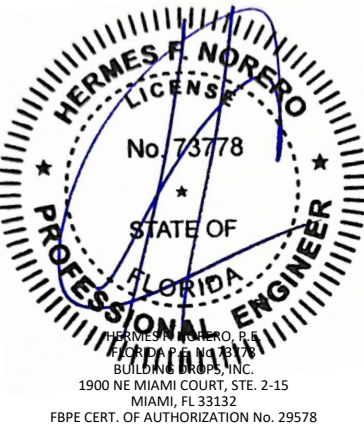
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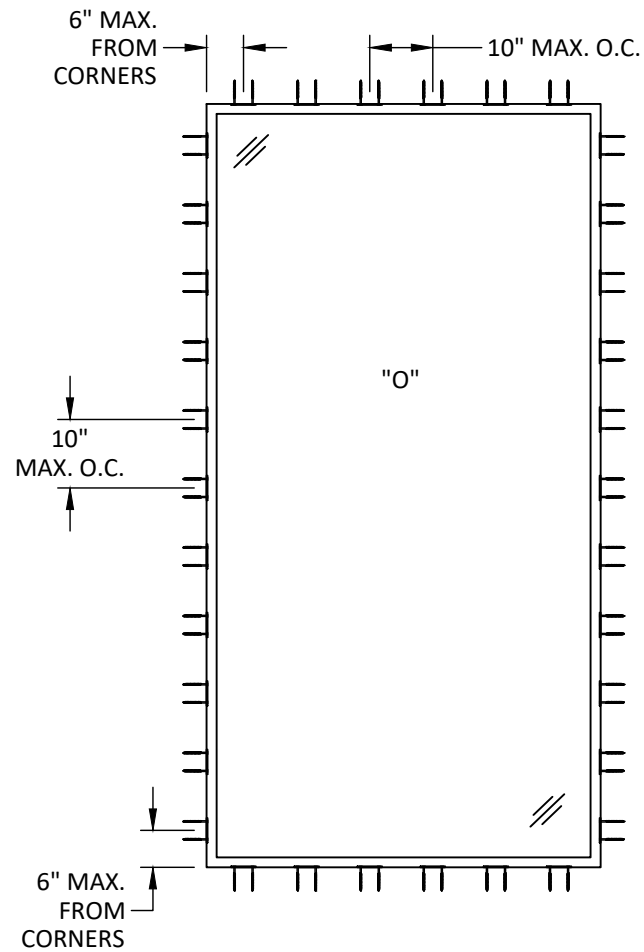


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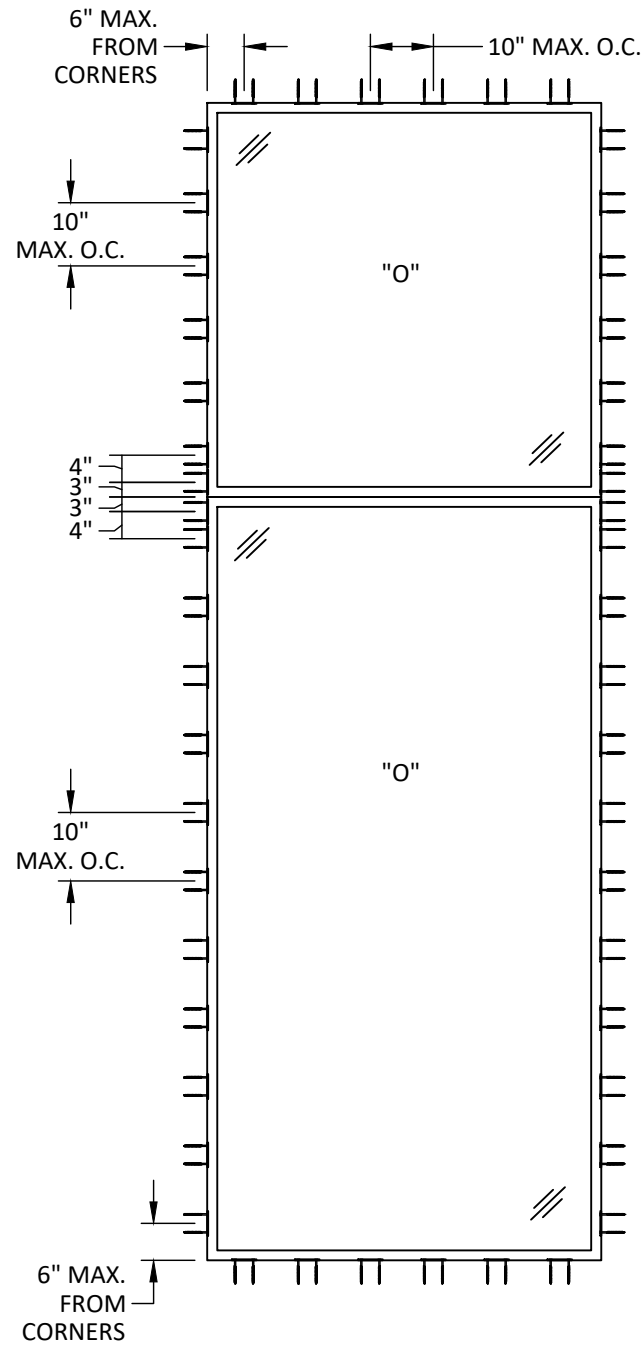
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ANCHOR LAYOUT
FLAT CLIP OR ANGLE CLIP



ANCHOR LAYOUT
FLAT CLIP OR ANGLE CLIP

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ANCHOR LAYOUTS

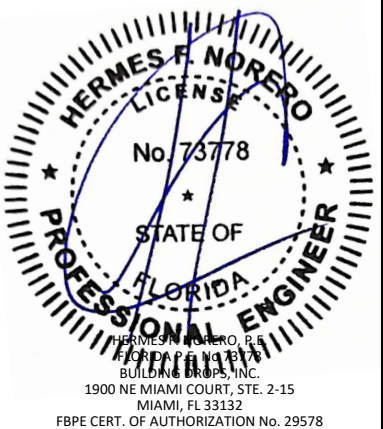
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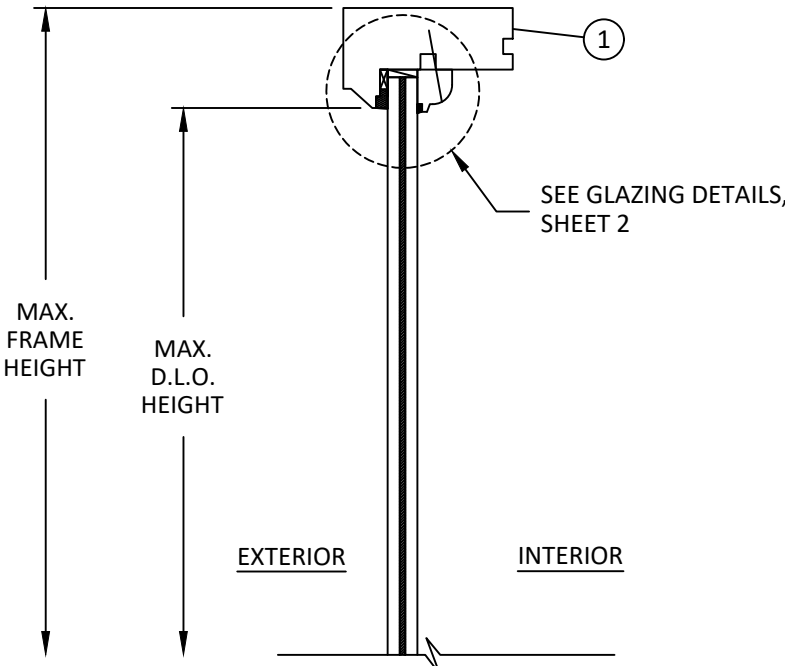
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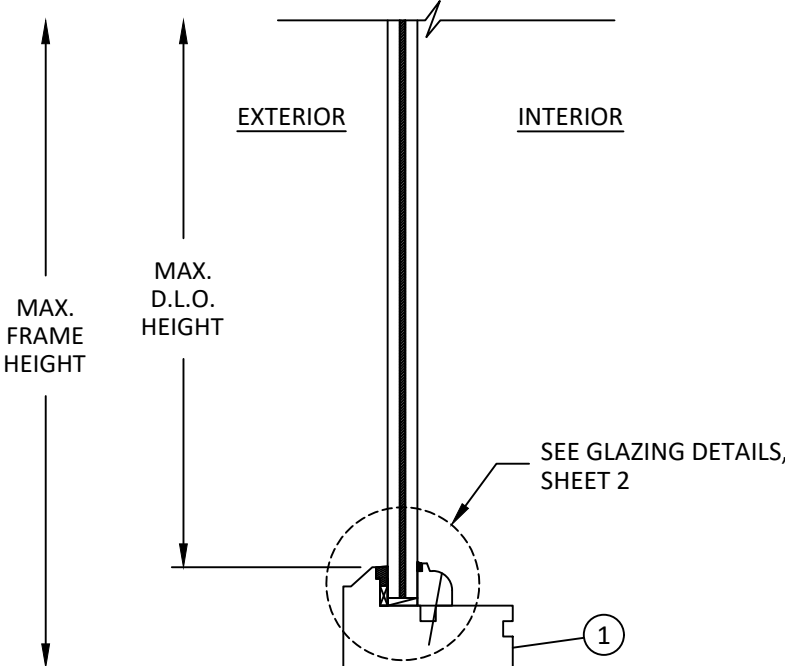
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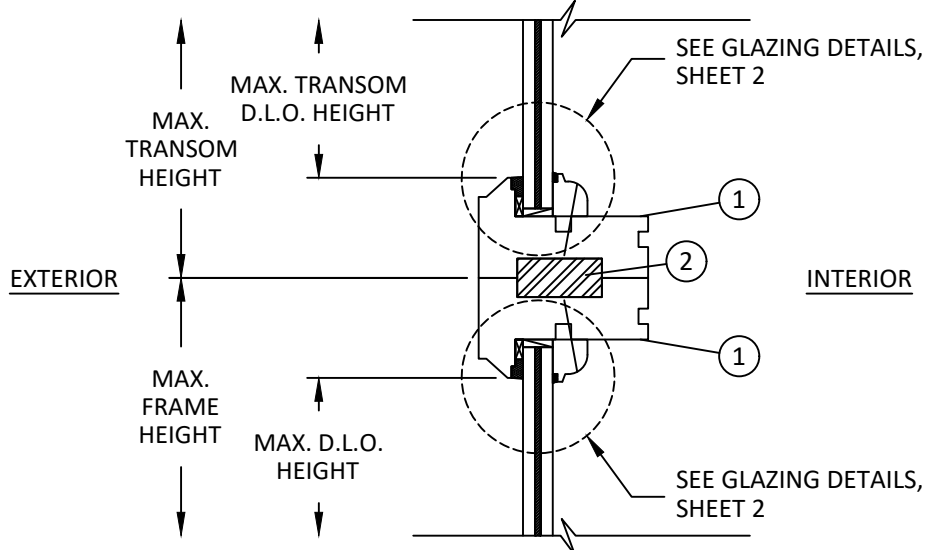
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A
5 VERTICAL SECTION
HEAD



C
5 VERTICAL SECTION
SILL



B
5 VERTICAL SECTION
HORIZONTAL MULLION

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VERTICAL SECTIONS

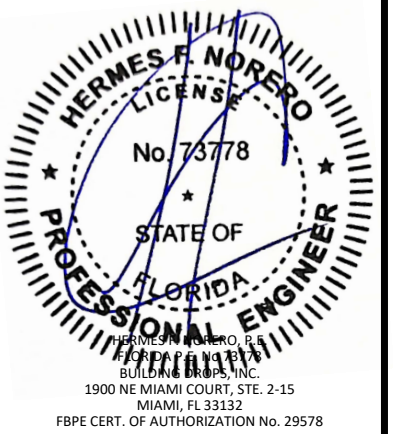
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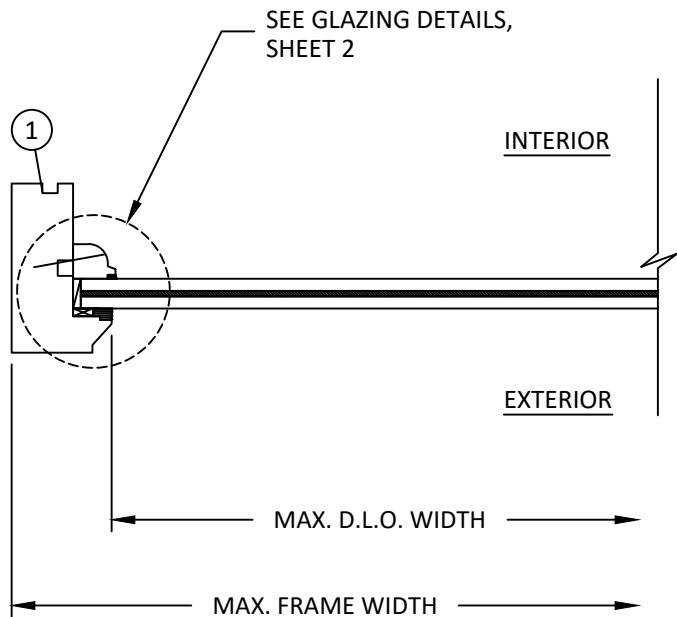
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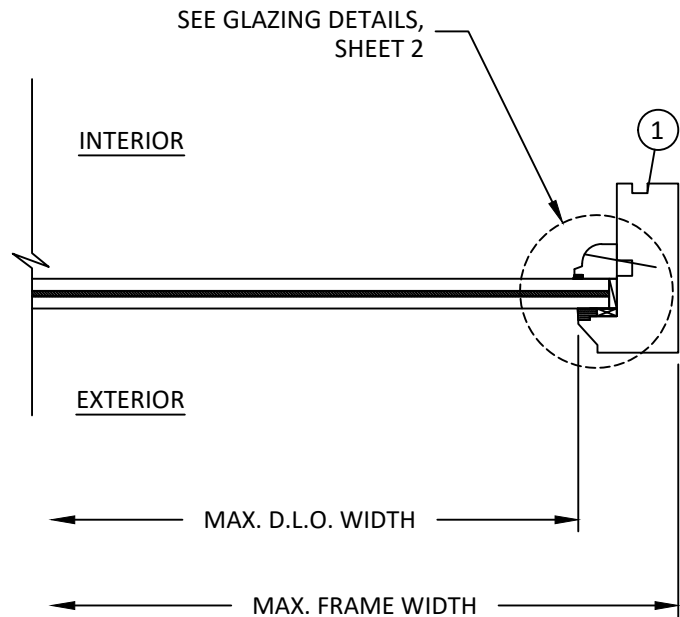
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A HORIZONTAL SECTION
6 JAMB



B HORIZONTAL SECTION
6 JAMB

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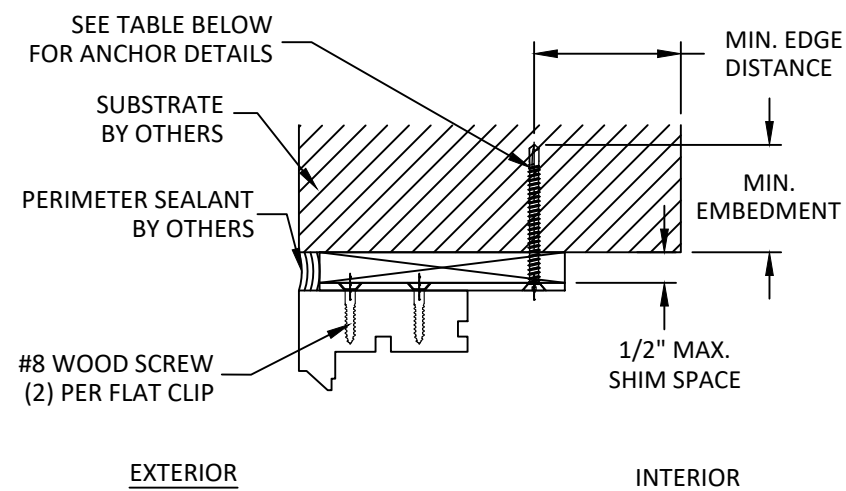
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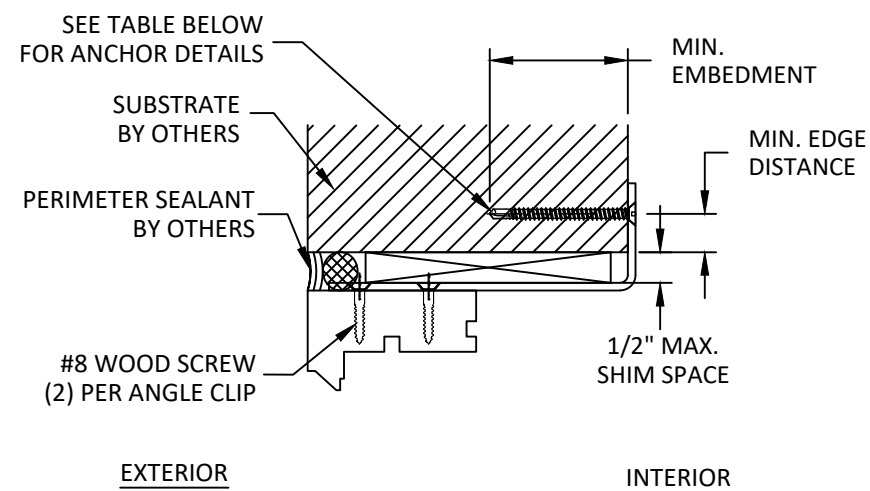
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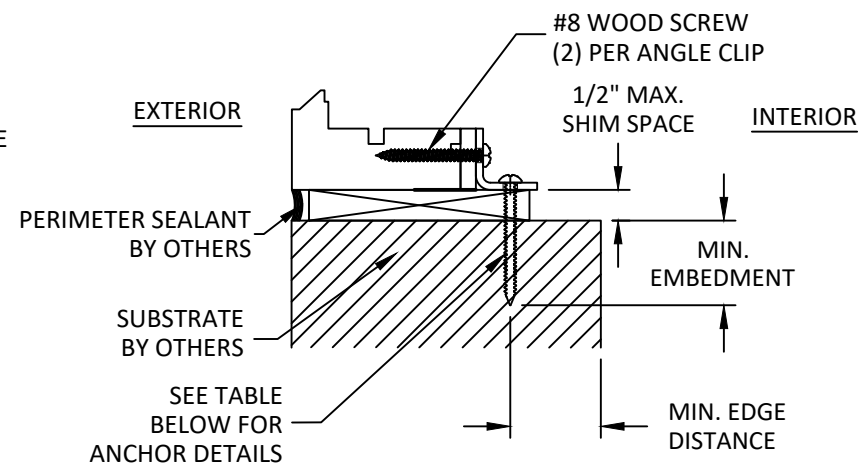
A
7

ANCHOR DETAIL
HEAD - FLAT CLIP
JAMB & SILL SIMILAR



B
7

ANCHOR DETAIL
HEAD - ANGLE CLIP
JAMB & SILL SIMILAR



C
7

ANCHOR DETAIL
SILL - ANGLE CLIP

NOTE: SILL ANGLE CLIP CAN ONLY BE USED AT THE SILL.

ANCHOR SCHEDULE					
METHOD	QUANTITY PER LOCATION	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
FLAT CLIP/ SILL ANGLE CLIP	2	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
		METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"
		CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.00"	2.00"
		MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.00"
ANGLE CLIP	2	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
		METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"

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ANCHOR DETAILS & ANCHOR SCHEDULE

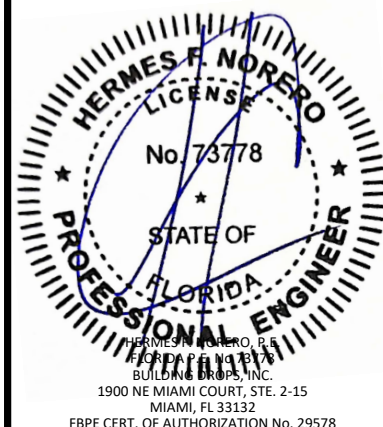
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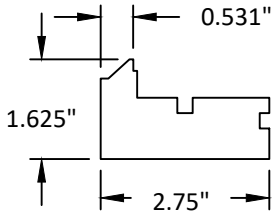
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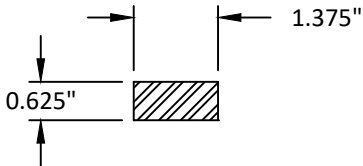
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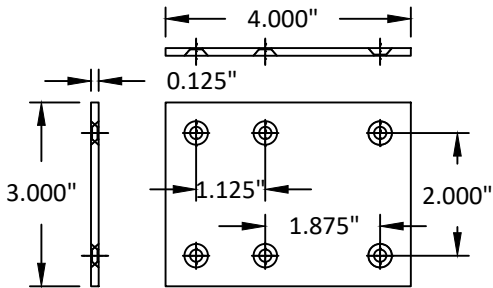
BILL OF MATERIALS			
ITEM	DESCRIPTION	MATERIAL	MANUFACTURER
1	STILE/RAIL	MAHOGANY	REILLY
2	MULLION STIFFENER	STEEL	VARIES
3	FLAT CLIP	ALUMINUM	VARIES
4	ANGLE CLIP	304 S.S.	VARIES
5	SILL ANGLE CLIP	304 S.S.	VARIES



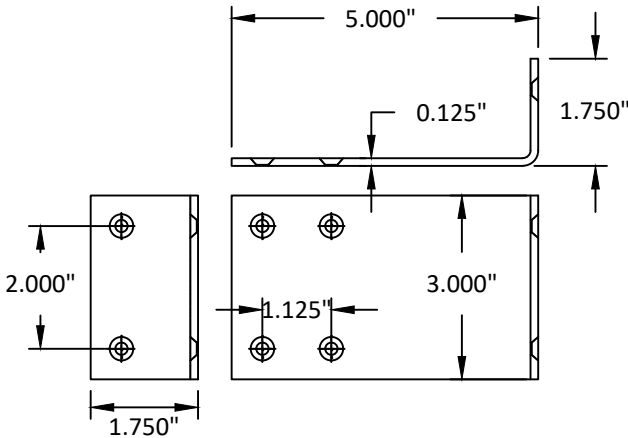
1 STILE/RAIL
MAHOGANY



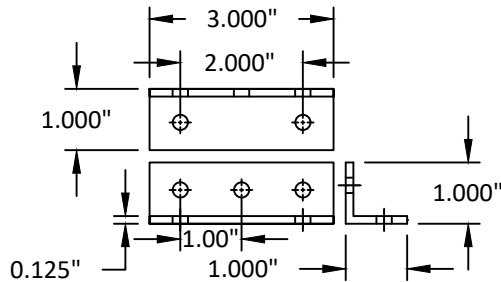
2 MULLION STIFFENER
STEEL



3 FLAT CLIP
ALUMINUM



4 ANGLE CLIP
304 STAINLESS STEEL



5 SILL ANGLE CLIP
304 STAINLESS STEEL

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BILL OF MATERIALS &
COMPONENTS

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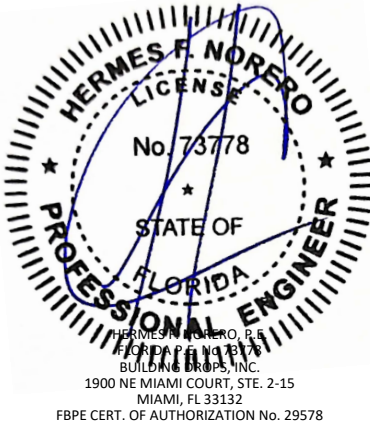
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FL48050

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DWG. BY: **DB** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **RWD033**

SHEET:

8

OF 8