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LA FINESTRA, LC

FUTURA SERIES CASEMENT/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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: ALUMINUM 6063-T6
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAILS.
9. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3.
2. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1.000 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 1/4 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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5	HORIZONTAL SECTIONS & GLAZING DETAILS
6	ANCHOR DETAILS & ANCHOR SCHEDULE
7	BILL OF MATERIALS & COMPONENTS

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
X	37-7/8"	79-1/4"	+75/-80	LARGE & SMALL MISSILE IMPACT
O	37-7/8"	79-1/4"	+75/-80	LARGE & SMALL MISSILE IMPACT

NOTE: MULLED CONFIGURATIONS QUALIFIED WITH USE OF APPROVED MULLION UNDER SEPARATE FLORIDA PRODUCT APPROVAL. SEE SHEET 2 FOR TYPICAL ELEVATION.



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TITLE: FUTURA SERIES CASEMENT/FIXED WINDOW (HVHZ) (IMPACT) GENERAL NOTES & INSTALLATION NOTES

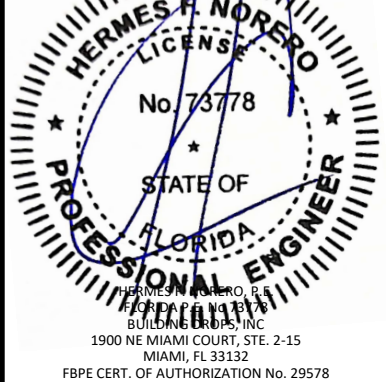
PREPARED BY: BUILDING DROPS, INC.
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MIAMI, FL 33132
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.02.29 15:49:30 -0500



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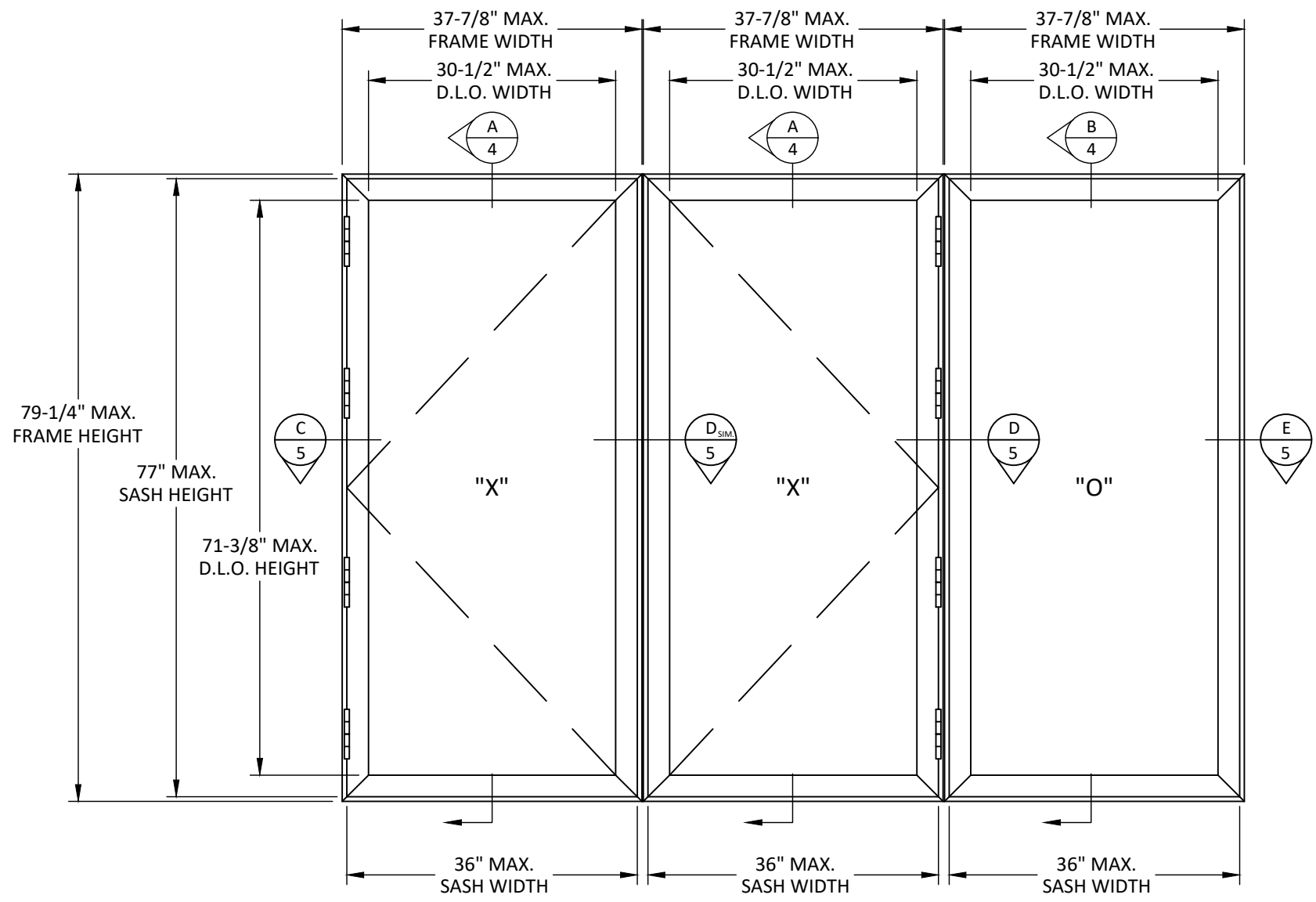
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SCALE: **NTS**

DWG. #: **LFT007**

SHEET:
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ELEVATION
TYP. MULLED CONFIGURATION

NOTE: MULLION UNDER SEPARATE
FLORIDA PRODUCT APPROVAL.

NOTE: MULLED CONFIGURATION SHOWN,
STANDALONE UNITS QUALIFIED AT MAX.
SIZES SHOWN.



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ELEVATION

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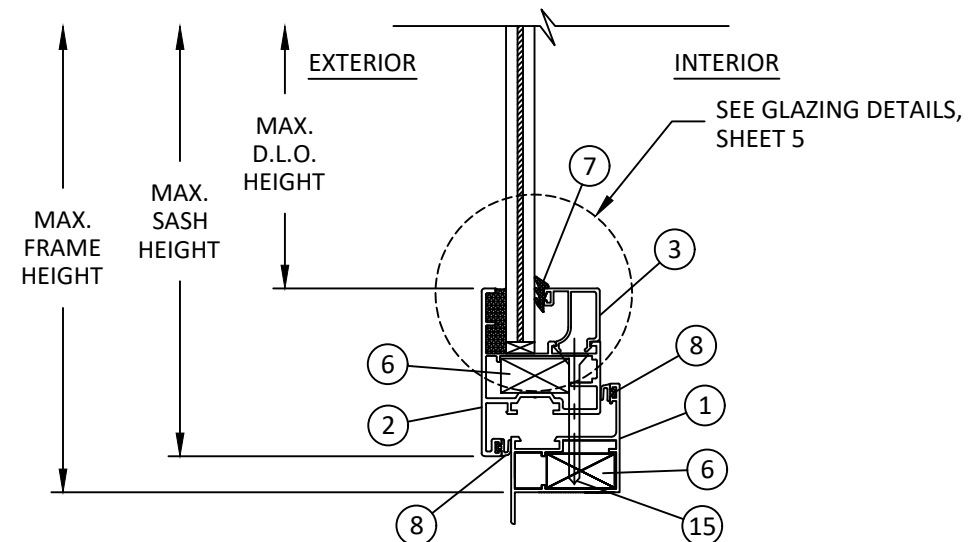
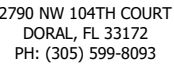
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B 4 VERTICAL SECTION FIXED SECTION DETAIL

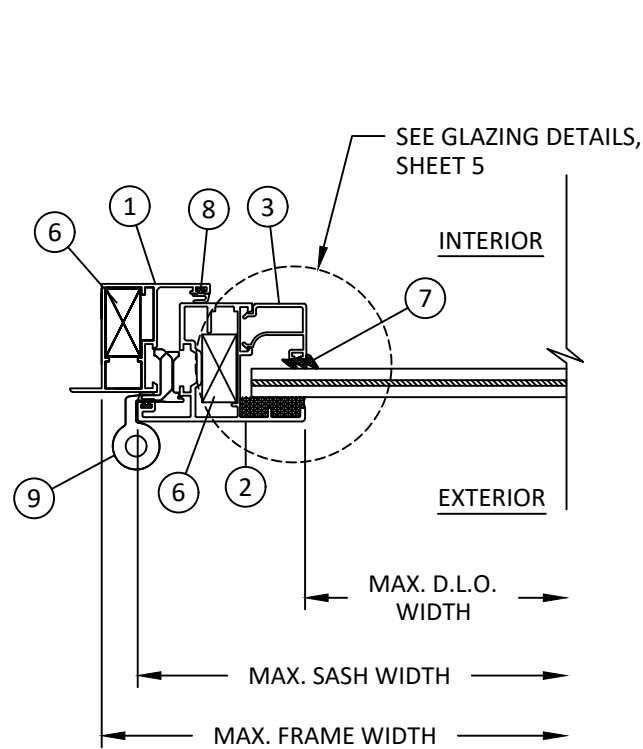
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

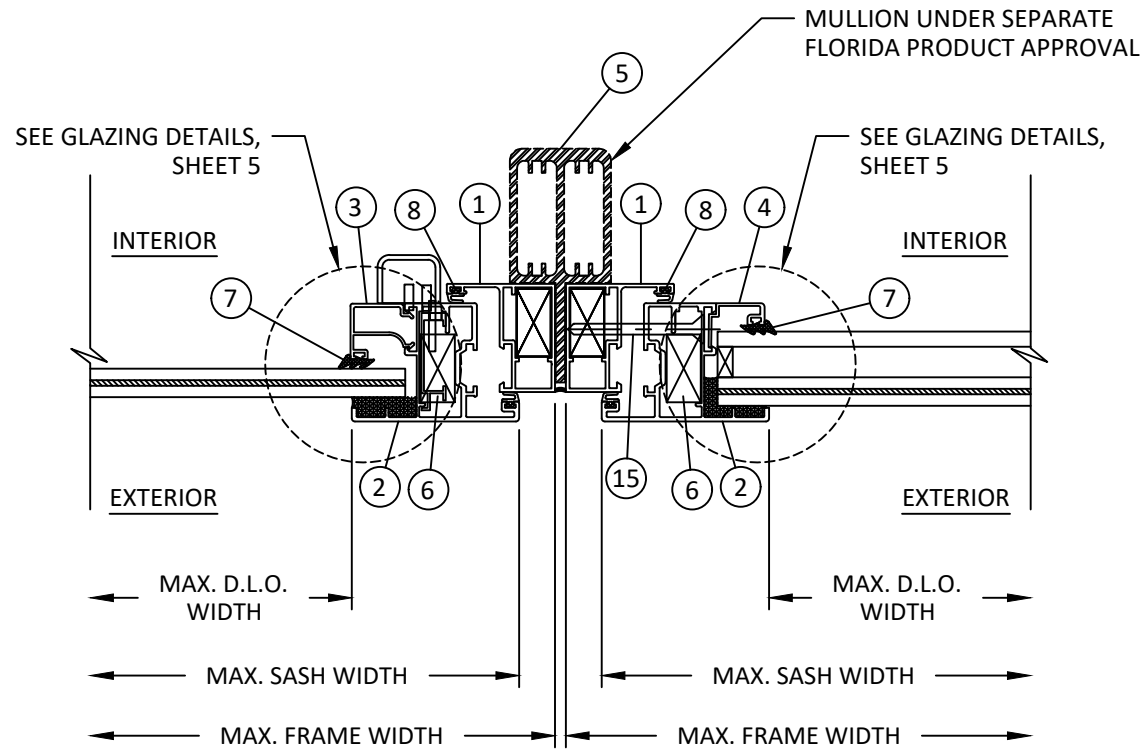
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FBPE CERT. OF AUTHORIZATION NO. 29578

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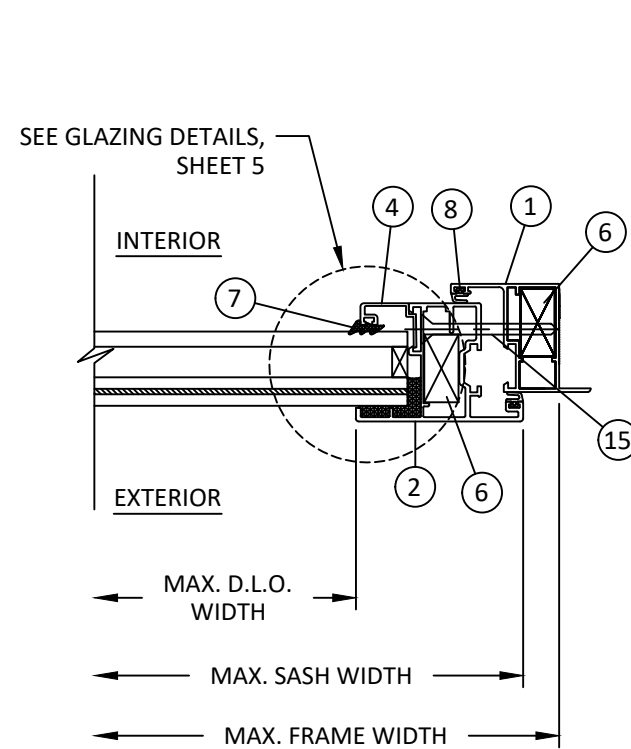
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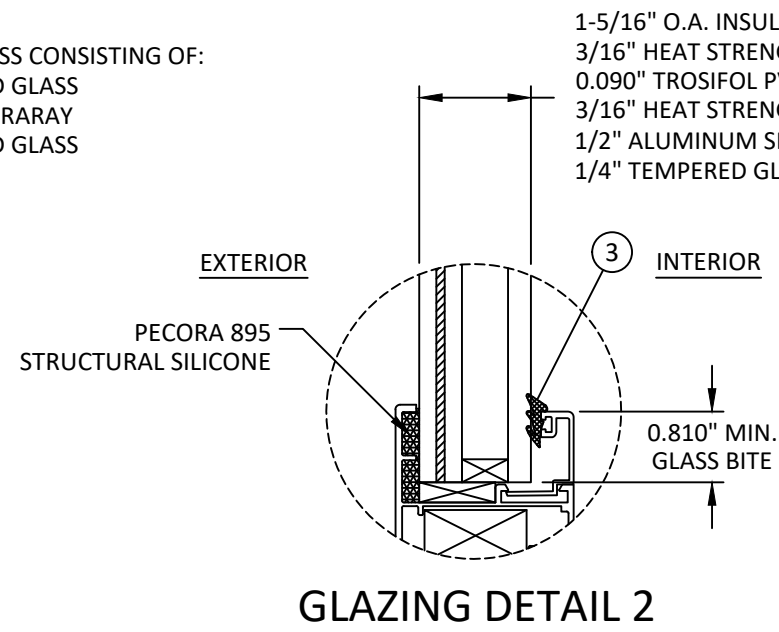
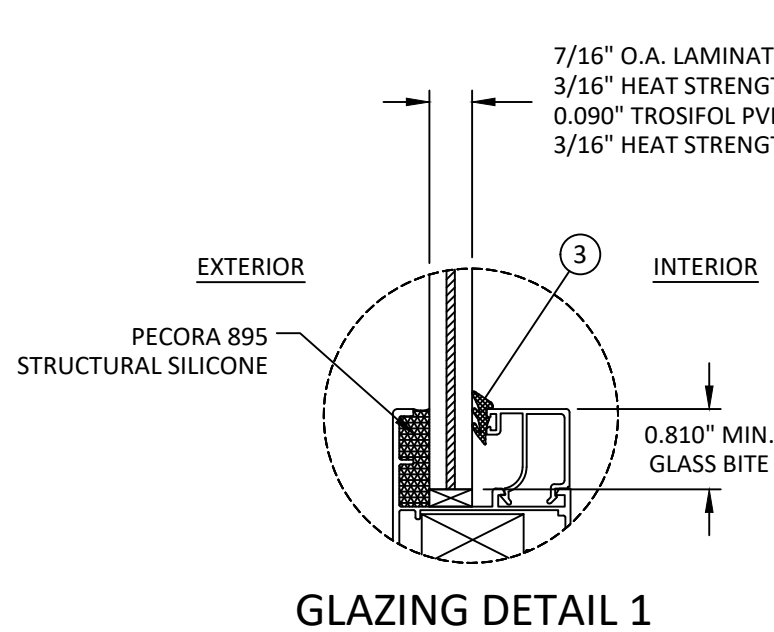
C
5 HORIZONTAL SECTION
HINGE JAMB



D
5 HORIZONTAL SECTION
TYP. MULLION DETAIL
OPERABLE TO FIXED



E
5 HORIZONTAL SECTION
FIXED JAMB



- 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\"/>
 - D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.



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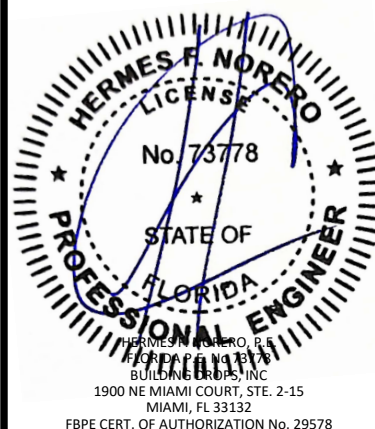
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HORIZONTAL SECTIONS &
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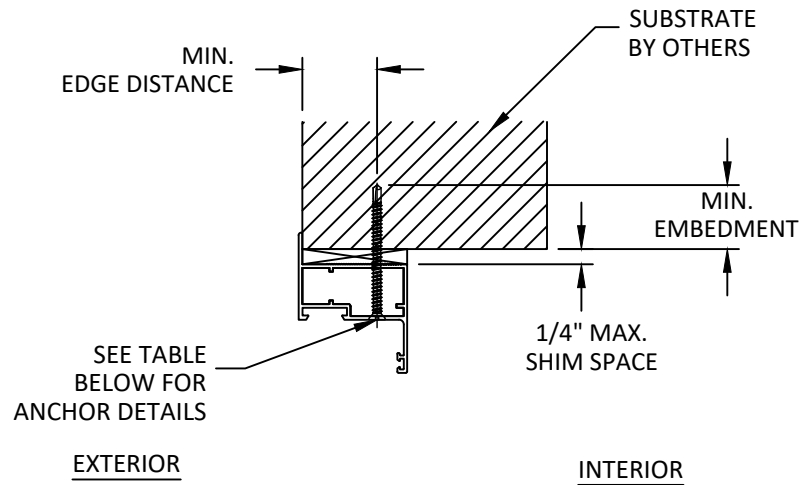
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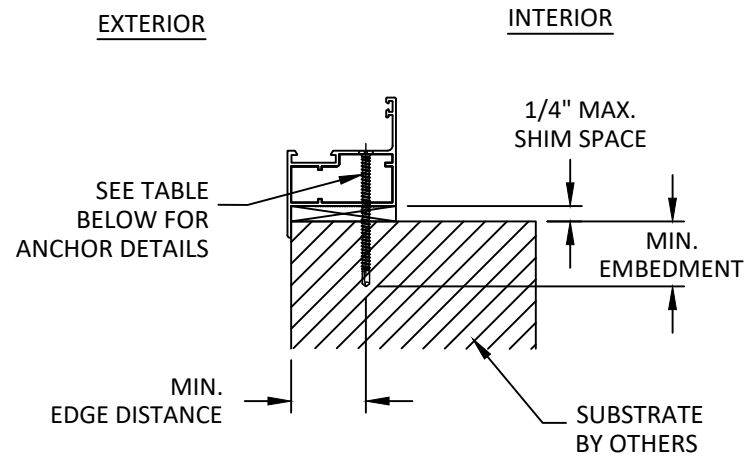
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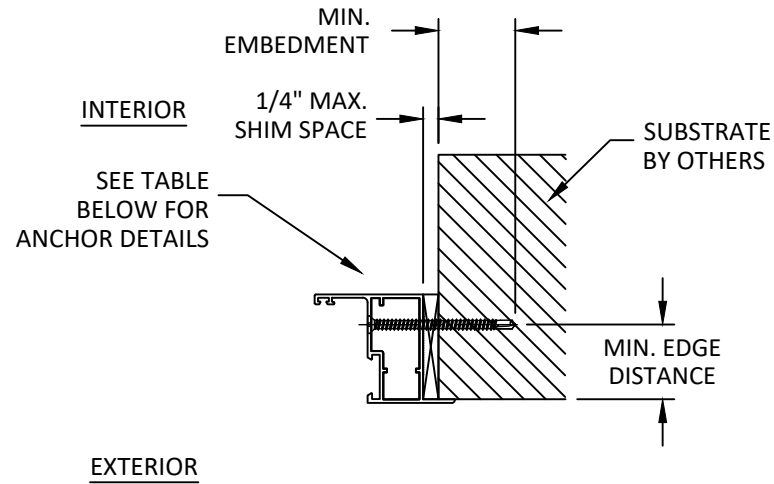
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A
6 VERTICAL SECTION
HEAD - THROUGH FRAME



B
6 VERTICAL SECTION
SILL - THROUGH FRAME



C
6 HORIZONTAL SECTION
JAMB - THROUGH FRAME

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
THROUGH FRAME	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.50"	0.75"	SEE SHEET 3
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	1/4" SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"	
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.50"	3.00"	
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	3.00"	



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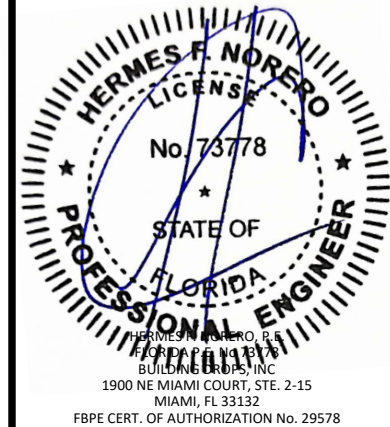
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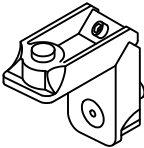
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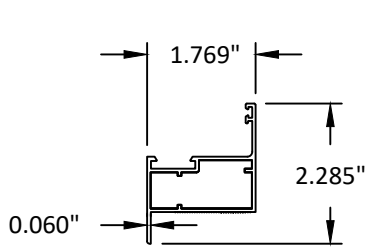
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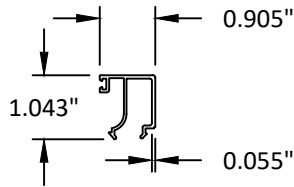
BILL OF MATERIALS			
ITEM	PART NO.	DESCRIPTION	MATERIAL
1	27703	FAME	6063-T6
2	27919	VENT	6063-T6
2A	27662	ALT. VENT	6063-T6
3	9040	LAMI GLAZING BEAD	6063-T6
4	9159	I.G. GLAZING BEAD	6063-T6
5	27569	MULLION	6063-T6
6	0409	CORNER KEY	CAST ALUMINUM
7	002/009	WEDGE GASKET	EPDM
8	2666	WEATHERSTRIP GASKET	EPDM
9	160/2	4" BUTT HINGES	6063-T6
10	CD-MPK-SPS/SS	MUSHROOM HEAD & KEEPERS	S.P.S./S.S.
11	CD-MPK-100-SS	MULTIPOINT KEEPER KIT	S.S./ALUMINUM
12	1004/6025	OPERATING HANDLE	ALUMINUM
13	2250/6415	LATCH KEEPER	ALUMINUM
14	1286	5-POINT LOCKING SYSTEM	S.S.
15	-	#10 F.H.S.M.S.	S.S.



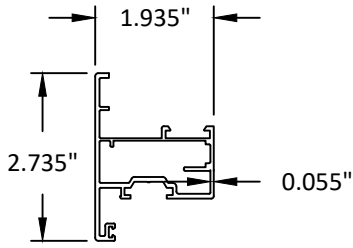
6 CORNER KEY
CAST ALUMINUM



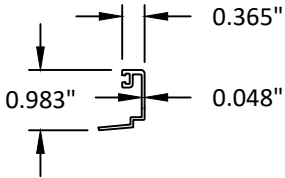
1 FRAME
6063-T6



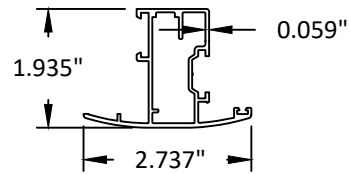
3 LAMI GLAZING BEAD
6063-T6



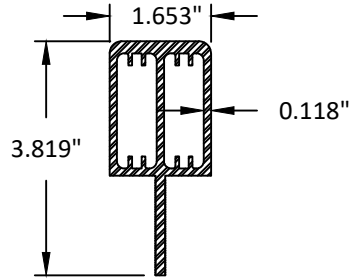
2 VENT
6063-T6



4 I.G. GLAZING BEAD
6063-T6



2A ALT. VENT
6063-T6



5 MULLION
6063-T6



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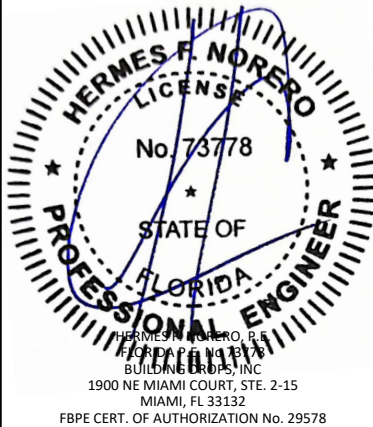
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