

ALUCORP S.A. DE C.V.

SERIES 76MD FIXED WINDOW

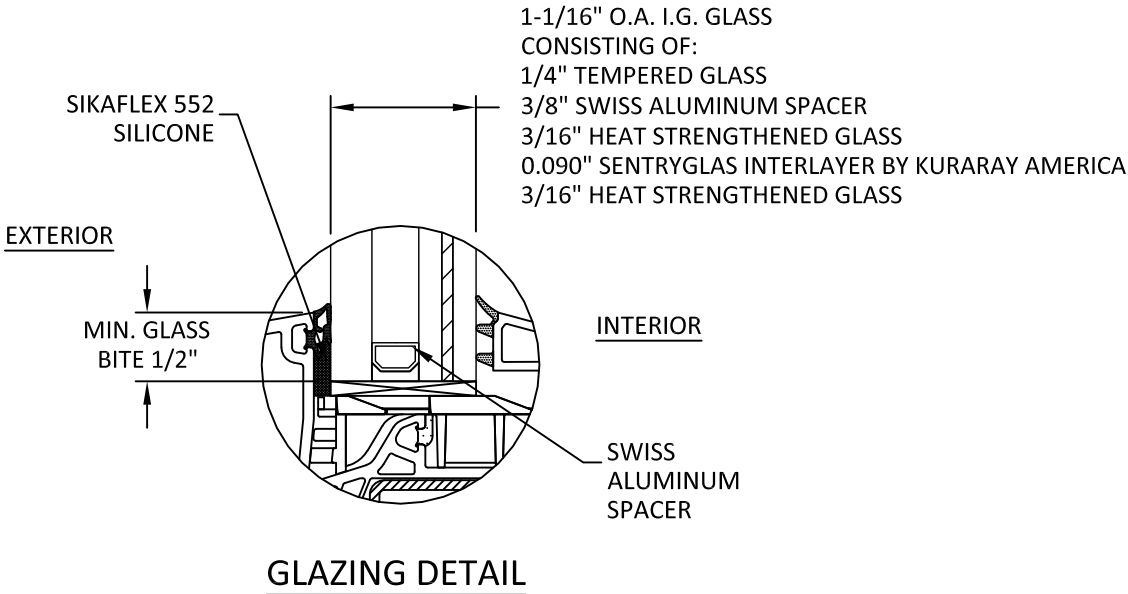
(HVHZ)(IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E 1886-13a
 - ASTM E 1996-17
 - 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: uPVC
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.

MAX OVERALL SIZE		CONFIG.	DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
59"	98.5"	"O"	+/- 75 PSF	LMI

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- NOTE:
1. GLASS TYPE AND THICKNESS COMPLIES WITH ASTM E-1300 GLASS CHART REQUIREMENTS.

2. ALL GLAZING CONFIGURATIONS COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CH 24 OF THE CURRENT FBC

3. SETTING BLOCK SHOULD BE 70-90 DUROMETER AS PER CH 24 OF THE CURRENT FBC.

4. GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE SETTING BLOCKS AT 1/4 SPAN FROM CORNERS.



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25 CHICHI SUAREZ, MERIDA
YUCATAN, MEXICO

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(HVHZ)(IMPACT)
GENERAL NOTES &
GLAZING DETAIL

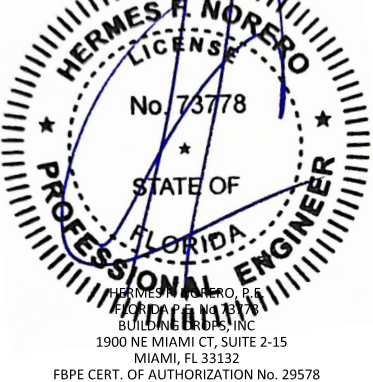
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1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



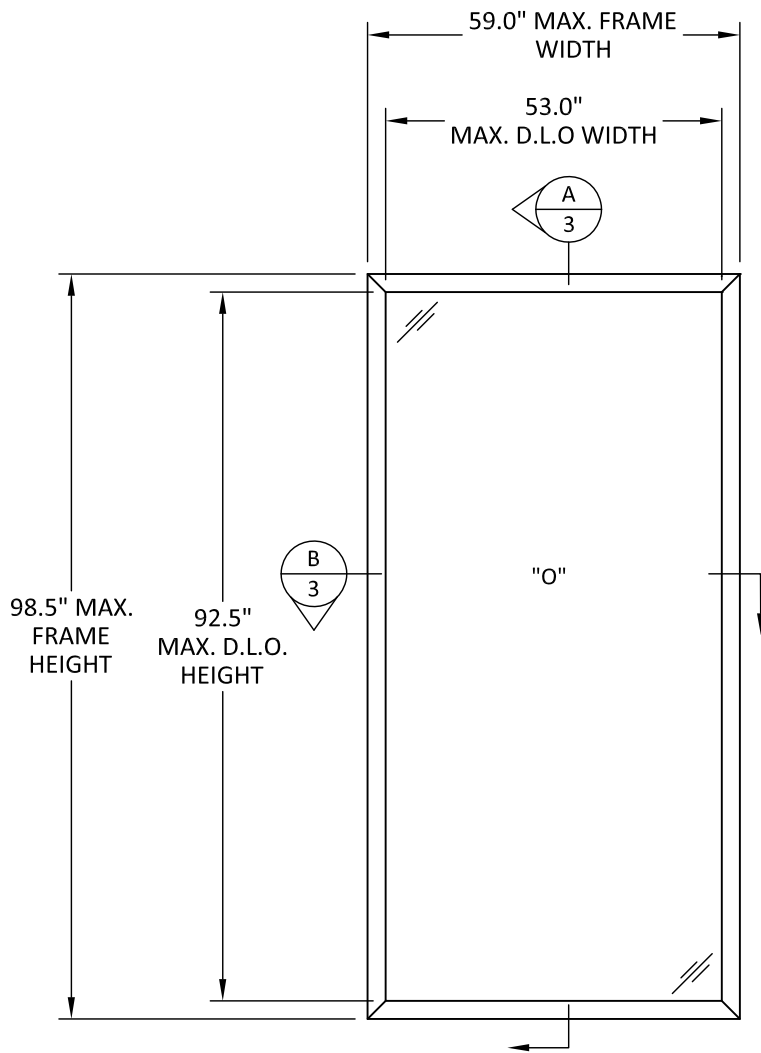
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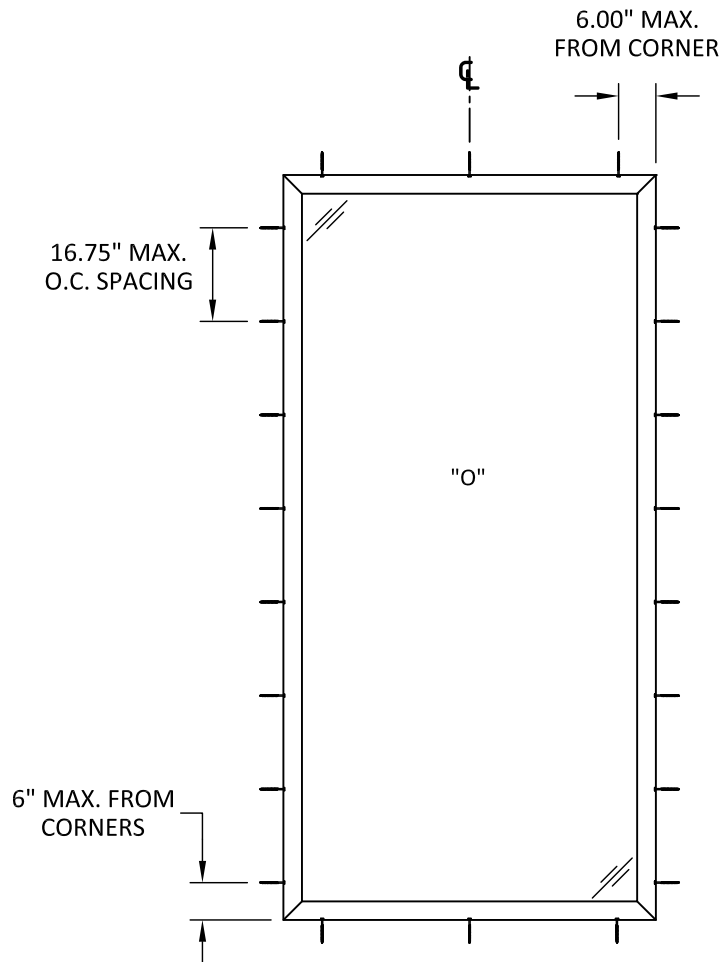
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Reason: I am approving this document
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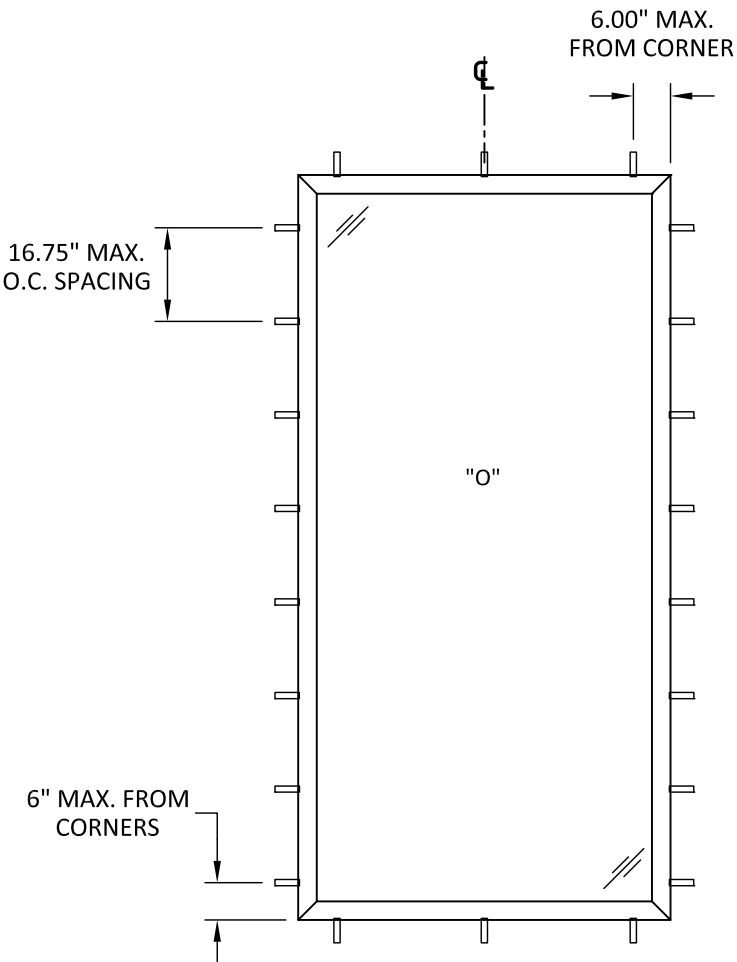
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SCALE:	NTS	
DWG. #:	ALP015	
SHEET:	1 OF 5	



ELEVATION
FIXED WINDOW



ANCHOR LAYOUT
THROUGH FRAME



ANCHOR LAYOUT
STRAP

FRAME HEIGHT

FRAME WIDTH

FRAME HEIGHT

FRAME WIDTH

NOTE:
WINDOW WIDTH AND HEIGHT ARE
INTERCHANGEABLE FOR ALL SIZES
SHOWN HEREIN NOT TO EXCEED
MAXIMUM QUALIFIED SQUARE
FOOT AREA.

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ELEVATIONS & ANCHOR LAYOUTS

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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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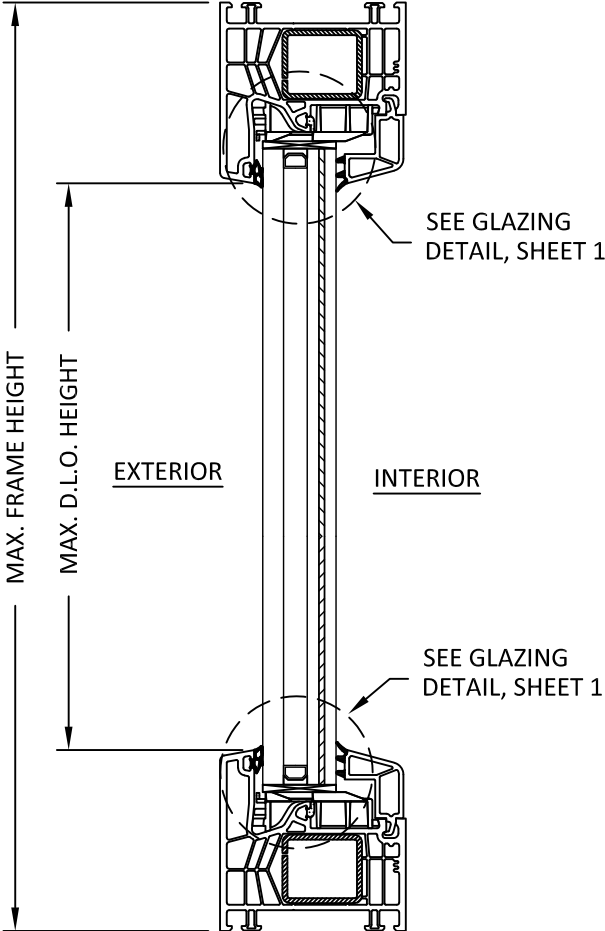
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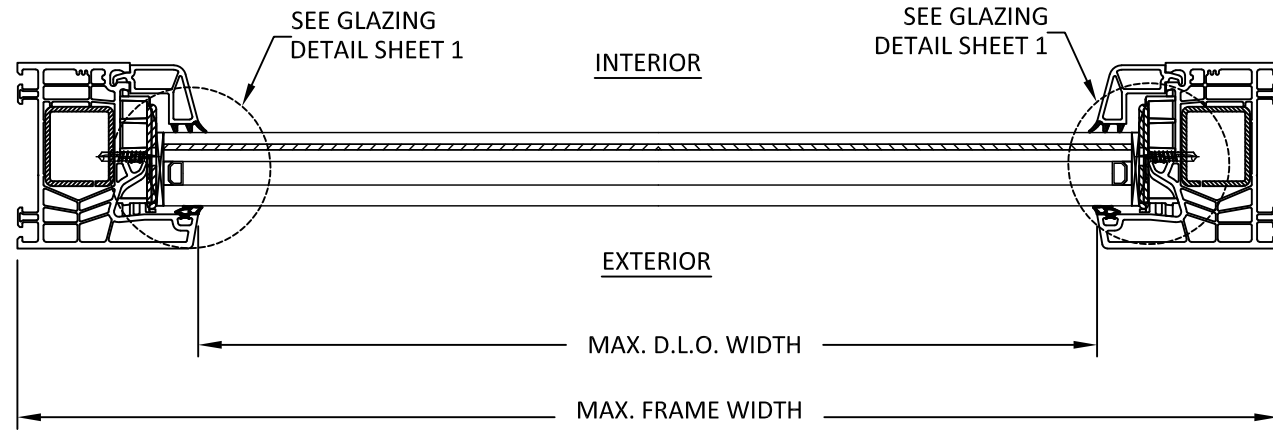
SHEET:

2

OF 5



A
3 VERTICAL SECTION
FIXED WINDOW



B
3 HORIZONTAL SECTION
FIXED WINDOW



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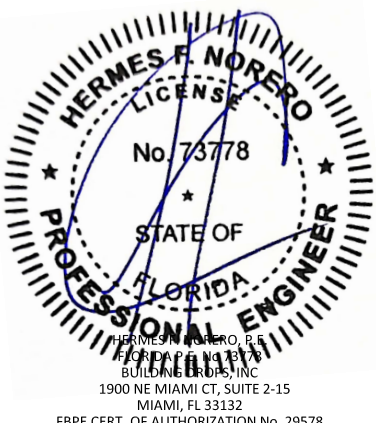
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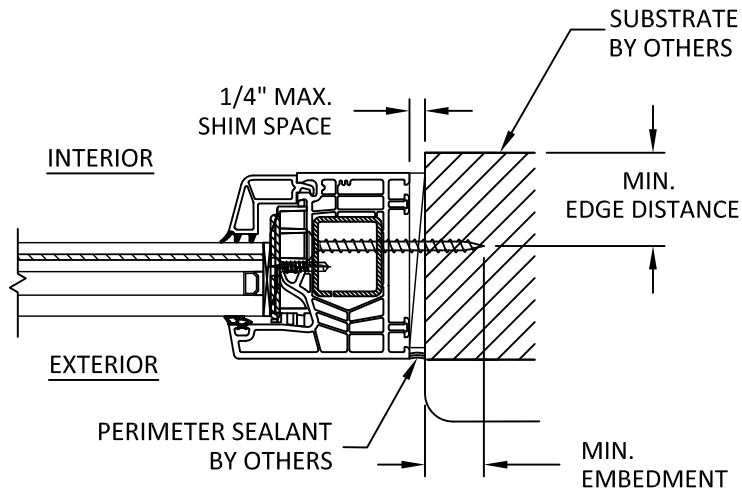
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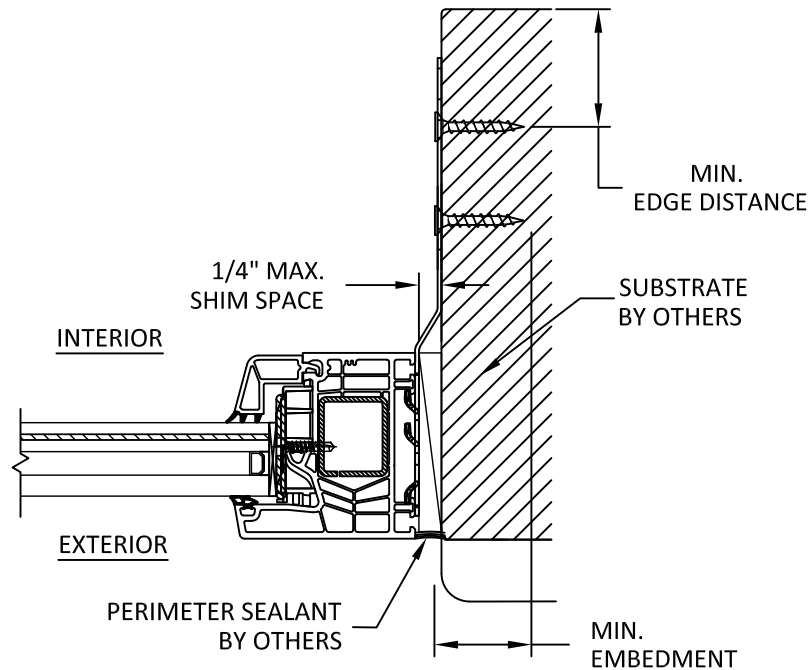
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SHEET:
3
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A
4 **ANCHOR DETAIL**
THROUGH FRAME (JAMB)



B
4 **ANCHOR DETAIL**
STRAP (JAMB)

NOTE: JAMB SHOWN,
HEAD AND SILL SIMILAR.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN FOR THROUGH FRAME INSTALLATION. TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN FOR STRAP INSTALLATION.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.
- 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 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME AND STRAP	WOOD: MIN. SG = 0.55	#14 WOOD SCREW FLAT HEAD	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	1/4" TEK SCREW FLAT HEAD	3 THREADS MIN PENETRATION BEYOND METAL	0.5"
	METAL: ALUMINUM MIN. 1/8" THICKNESS (6063-T5 MIN.)			
	CONCRETE: MIN. f'c=3000PSI	1/4" ITW TAPCON FLATHEAD	1.75"	2.5
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON FLATHEAD	1"	2.5



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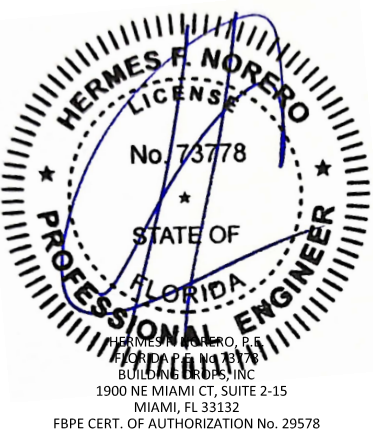
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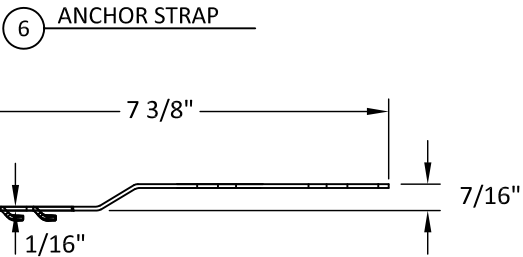
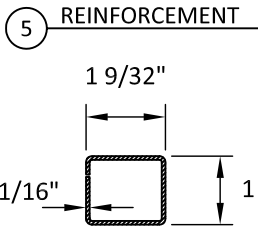
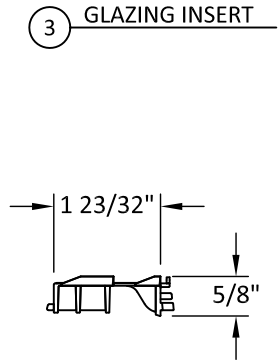
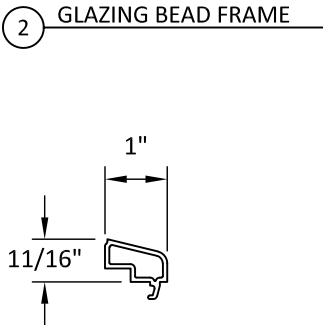
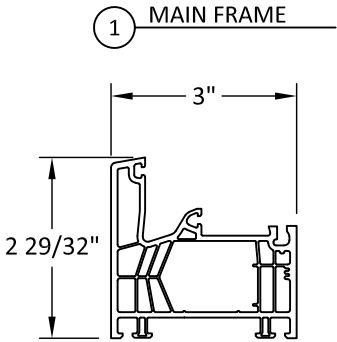
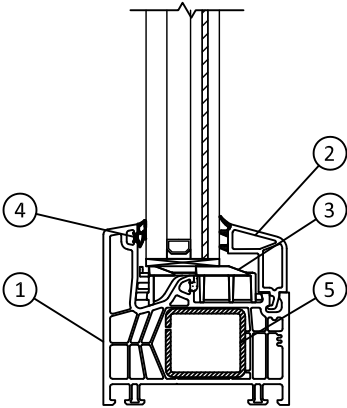
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BILL OF MATERIALS			
ITEM	PART No.	DESCRIPTION	MATERIAL
1	76171	MAIN FRAME - RIGID VINYL	uPVC
2	2636	GLAZING BEAD FRAME	uPVC
3	M138	GLAZING INSERT	uPVC
4	PCE	GLAZING GASKET (RUBBER 70 DUR)	EPDM
5	V309	REINFORCEMENT	STEEL
6	S041	ANCHOR STRAP	STEEL



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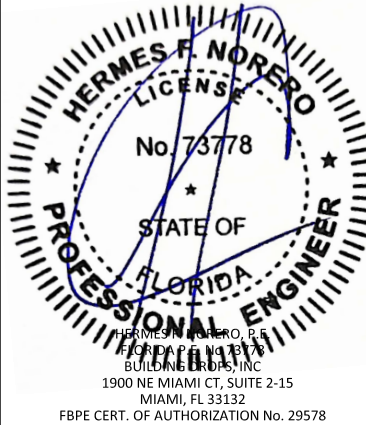
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