



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

American Aluminum Fabricators Corporation
7275 NW 77th Street,
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series Aluminum Outswing Entrance Doors w/wo Sidelites- L.M.I.

APPROVAL DOCUMENT: Drawing No. AAF-001, titled "Series Aluminum Outswing Entrance door (LMI)", sheets 1 through 8 of 8, dated 01 /24/ 2025 and last revised on 03/04/2025, prepared by Building Drops, Inc., signed and sealed by Hermes Norero, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. This NOA is for the single entity referenced above and can't be used for association members.
2. Electrical functions/devices and operation are not part of this approval.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence E-1, as well as the approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

Ishaq I. Chanda



American Aluminum Fabricators Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **AAF-001**, titled “Series Aluminum Outswing Entrance door (LMI)”, sheets 1 through 8 of 8, dated 01 /24/ 2025 and last revised on 03/04/2025, prepared by Building Drops, Inc., signed and sealed by Hermes Norero, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Large Missile Impact Test per TAS 201-94
5) Cyclic Wind Pressure Loading per TAS 203-94
6) Forced Entry Test per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings, die Extrusions and glass bug identification, glass laminator invoice and installation diagram of double outswing doors w/ wo Sidelites, prepared by IFET, Inc., Test Report No(s). **TR-IFET-24-0017**, dated 12/19/24 revised and reissued on 04/08/2025, signed and sealed by Irshad Viqar, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 8th Edition (2023), dated 01/30/25, prepared by Building Drops, Inc., signed and sealed by Hermes Norero, P.E.
2. Glazing complies with ASTM E1300-09.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers”, expiring on 07/08/29.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)** and no financial interest, dated 01/30/25, issued by Building Drops, Inc., signed and sealed by Hermes Norero, P.E.

G. OTHERS

1. Test proposal # **24-0425**, dated April 13, 2023, approved by RER, Product Control Section.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor

NOA No. 25-0205.03
Expiration Date: April 17, 2030
Approval Date: April 17, 2025

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AMERICAN ALUMINUM FABRICATORS

ALUMINUM OUTSWING ENTRANCE DOOR

(HVHZ)(IMPACT)

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0205.03

Approval Date 04/17/2025

By Ishaq I. Chande
Miami-Dade Product Control



2775 NW 77TH ST.
MEDLEY, FL 33166
PH: (786) 542-1650

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 6.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ 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.
- 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.
- 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 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.
- 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.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 8TH EDITION (2023) 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
- 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR MATERIAL: ALUMINUM 6063-T6
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.

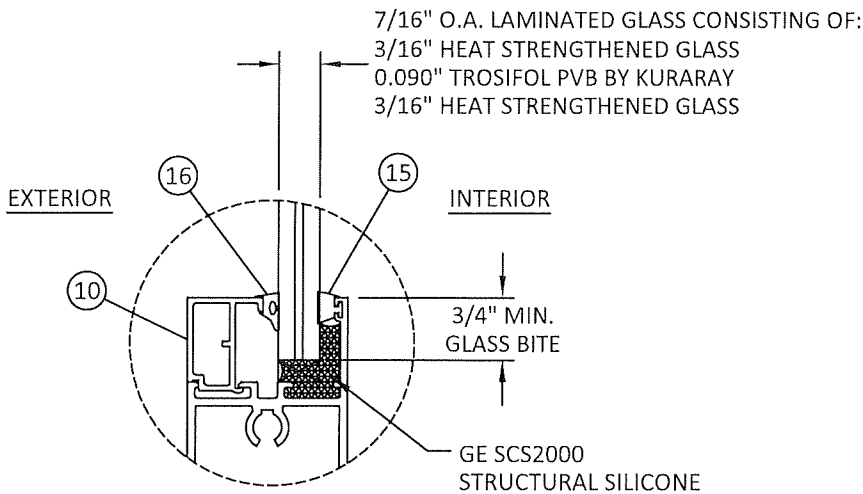
GLAZING NOTES:

- 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.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES, INSTALLATION NOTES, & GLAZING DETAIL
2	ELEVATIONS
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS & ANCHOR SCHEDULE
7	CORNER CONSTRUCTION
8	BILL OF MATERIALS & COMPONENTS

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEET 2	SEE SHEET 2		+80/-80	LARGE & SMALL MISSILE IMPACT

NOTE: ALL CONFIGURATIONS RATED FOR WATER INFILTRATION UP TO A POSITIVE DESIGN PRESSURE OF +80 PSF.



GLAZING DETAIL 1

TITLE: ALUMINUM OUTSWING
ENTRANCE DOOR
(HVHZ) (IMPACT)

GENERAL NOTES, INSTALLATION
NOTES & GLAZING DETAIL

PREPARED BY:

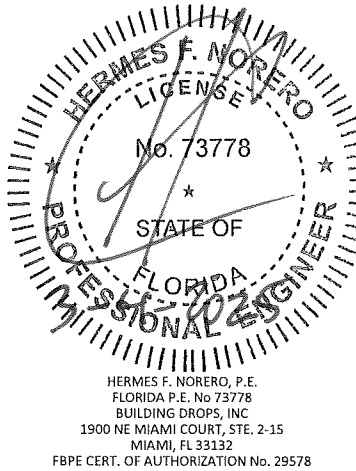
BUILDING DROPS, INC.

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



REMARKS	BY	DATE

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DATE: 01.24.2025	
DWG. BY: SH	CHK. BY: HFN
SCALE: NTS	
DWG. #: AAF001	
SHEET:	

1

OF 8

OF 8



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PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0205.03
Approval Date 04/17/2025
By Ishag I. Chande
Miami-Dade Product Control



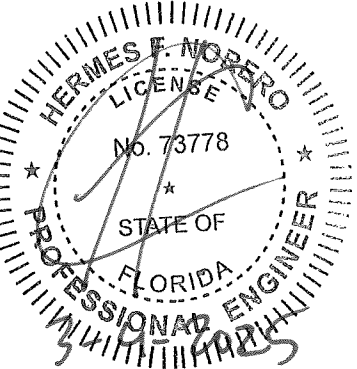
TITLE: ALUMINUM OUTSWING
ENTRANCE DOOR
(HVHZ) (IMPACT)
ANCHOR LAYOUTS

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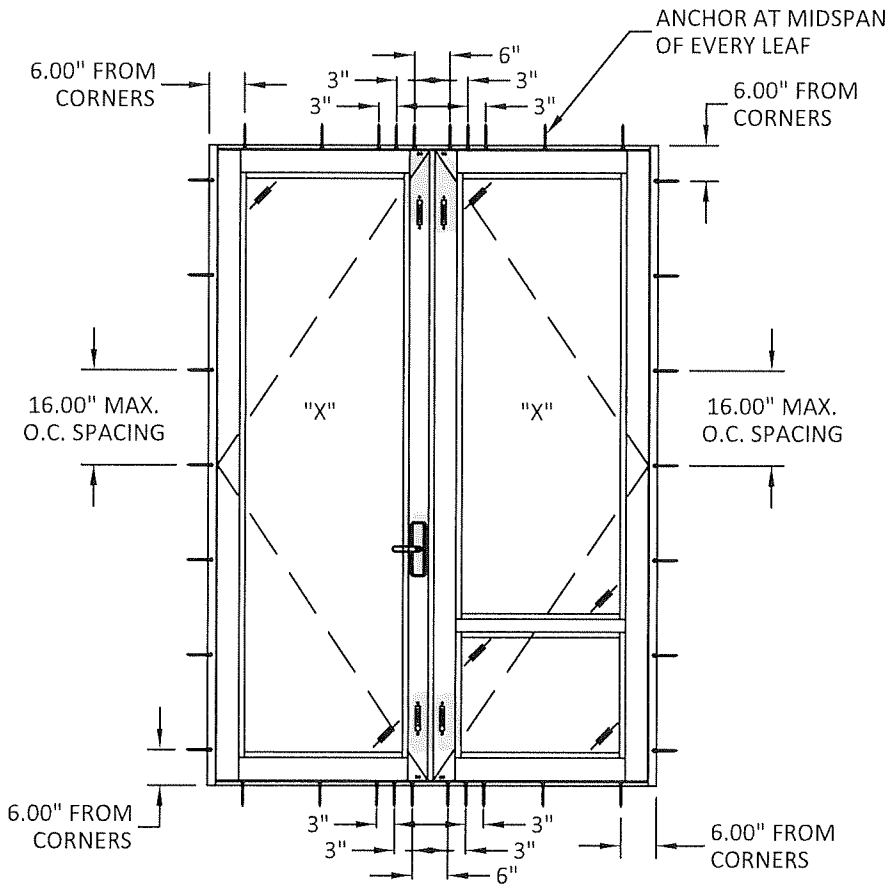


HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

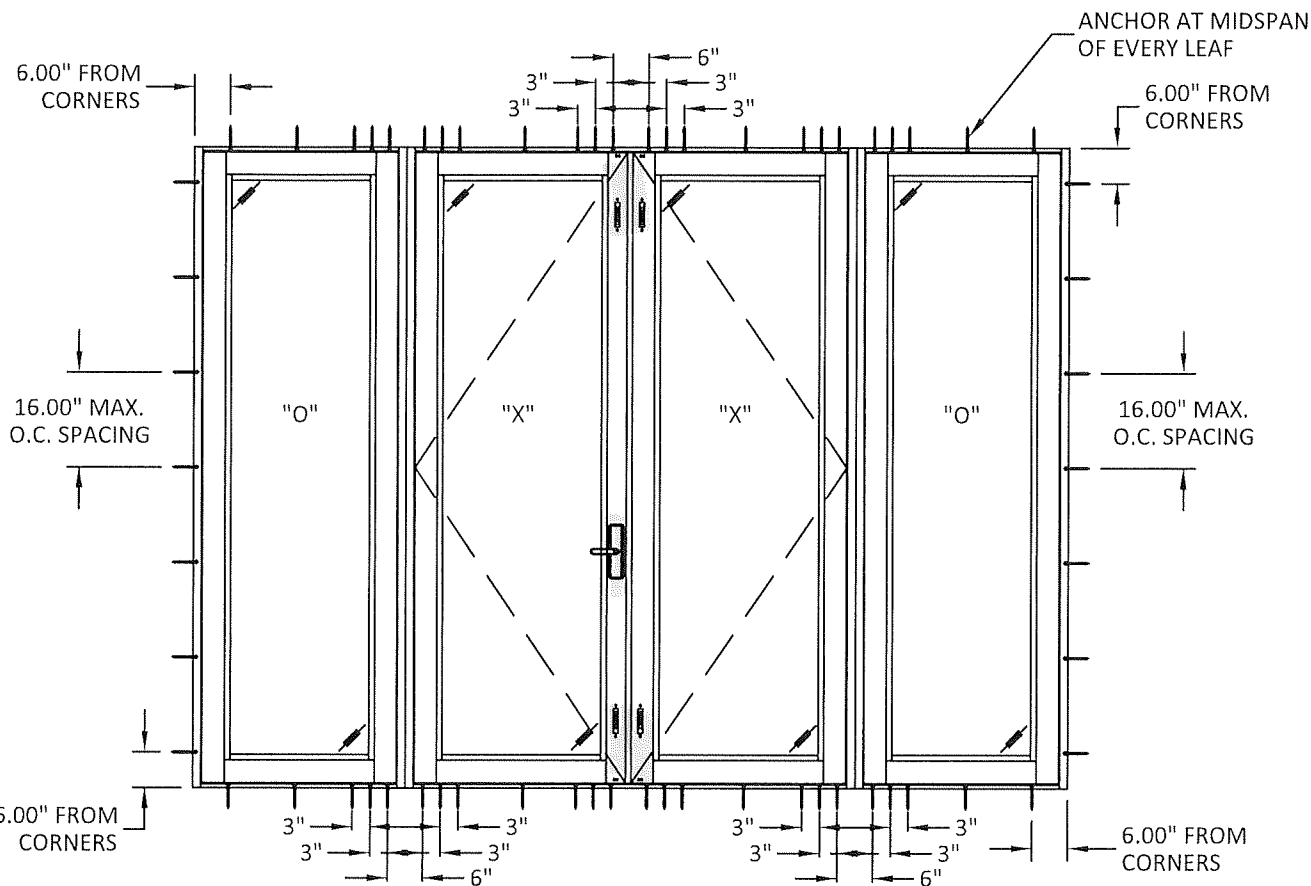
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SCALE: NTS	
DWG. #: AAF001	
SHEET:	

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OF 8



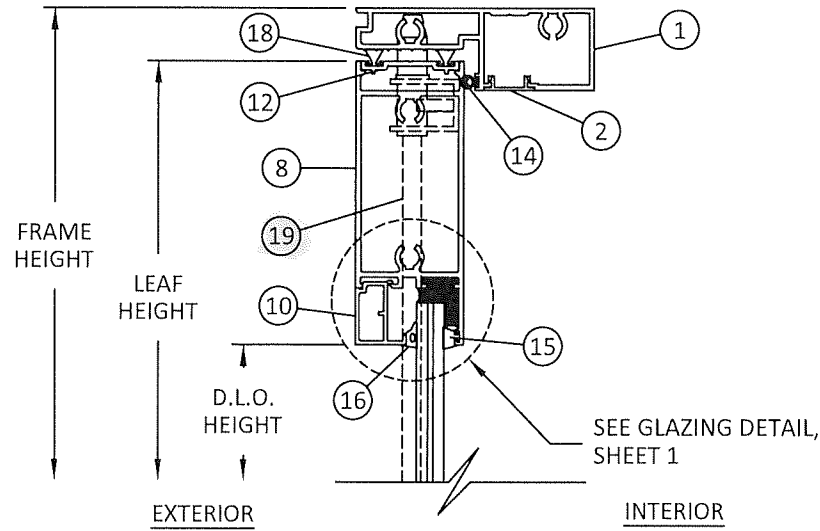
ANCHOR LAYOUT
DOUBLE DOOR



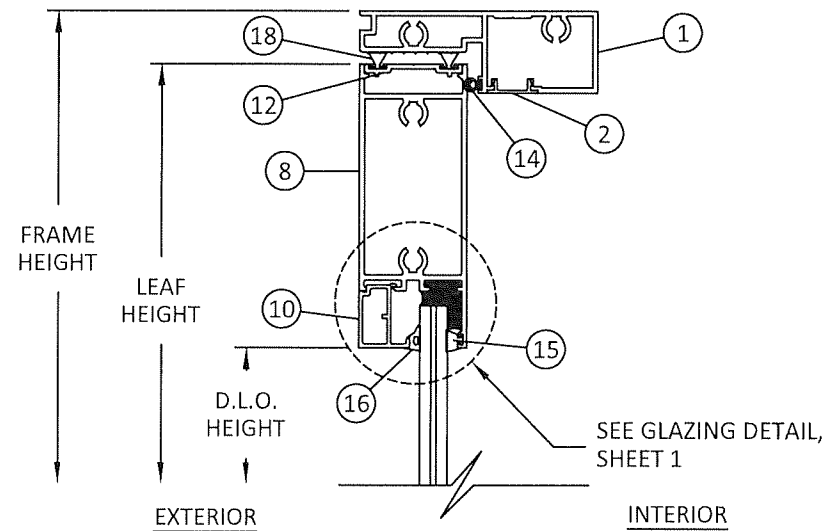
ANCHOR LAYOUT
DOUBLE DOOR W/ SIDELITES

REFER TO SHEET 6 FOR INSTALLATION
DETAILS AND ANCHOR SCHEDULE.

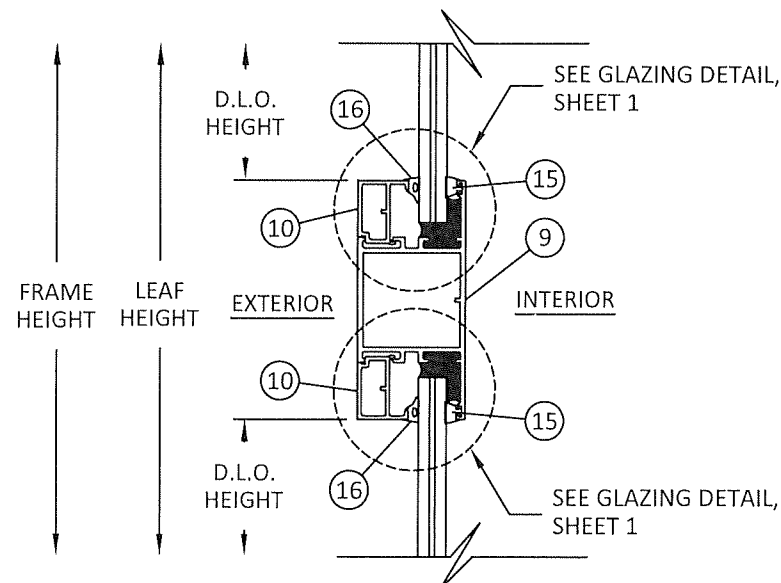
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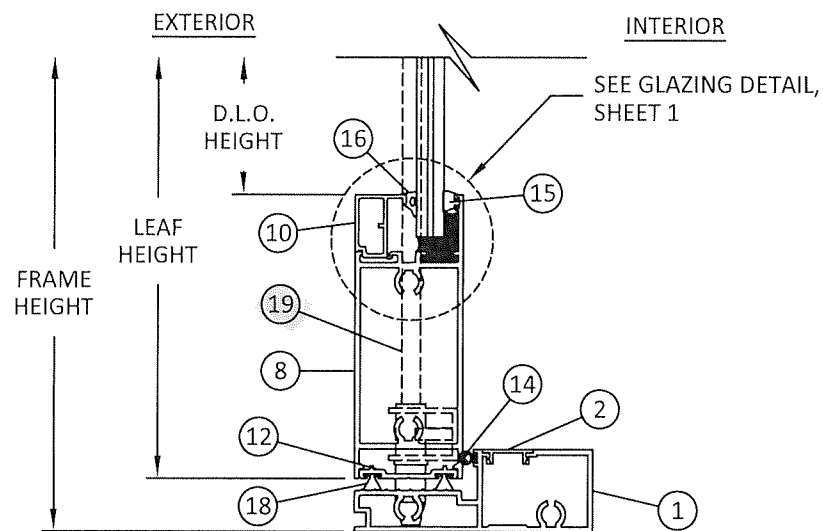
A
4 VERTICAL SECTION
DOOR HEAD



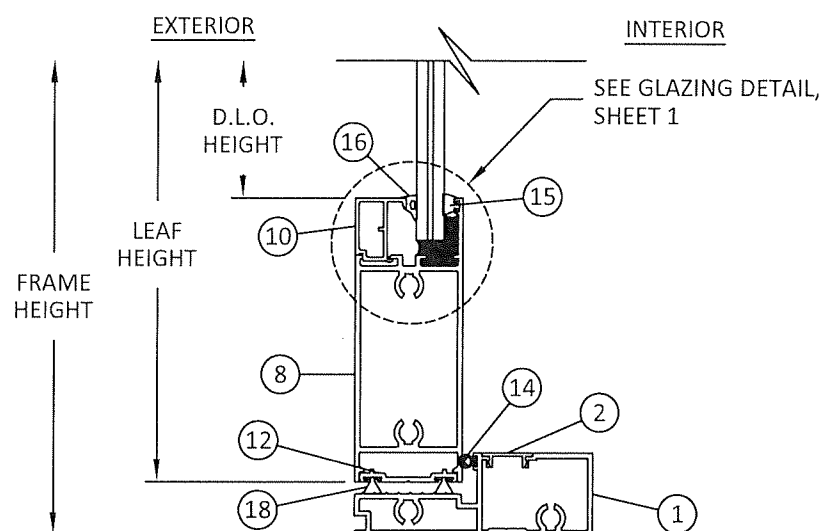
D
4 VERTICAL SECTION
SIDELITE HEAD



B
4 VERTICAL SECTION
MID-RAIL



C
4 VERTICAL SECTION
DOOR SILL



E
4 VERTICAL SECTION
SIDELITE SILL

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Miami-Dade Product Control



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PH: (786) 542-1650

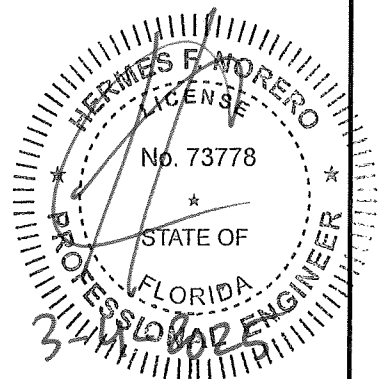
TITLE: ALUMINUM OUTSWING
ENTRANCE DOOR
(HVHZ) (IMPACT)
VERTICAL SECTIONS

PREPARED BY:
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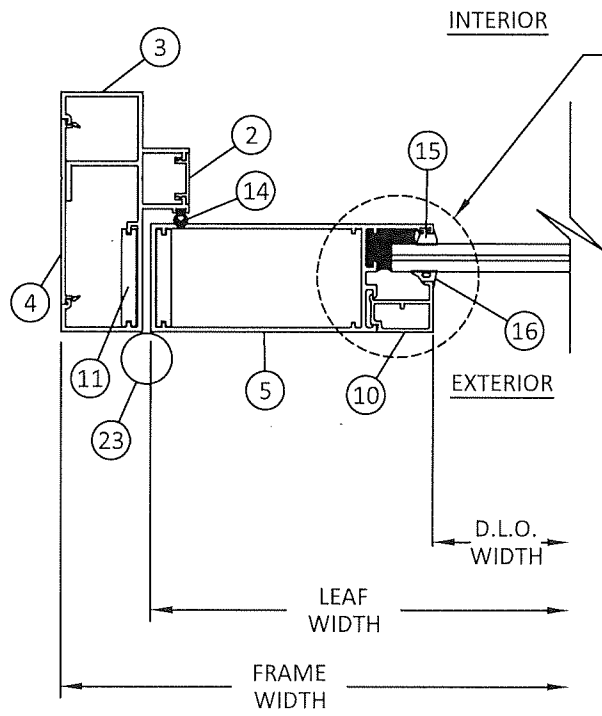
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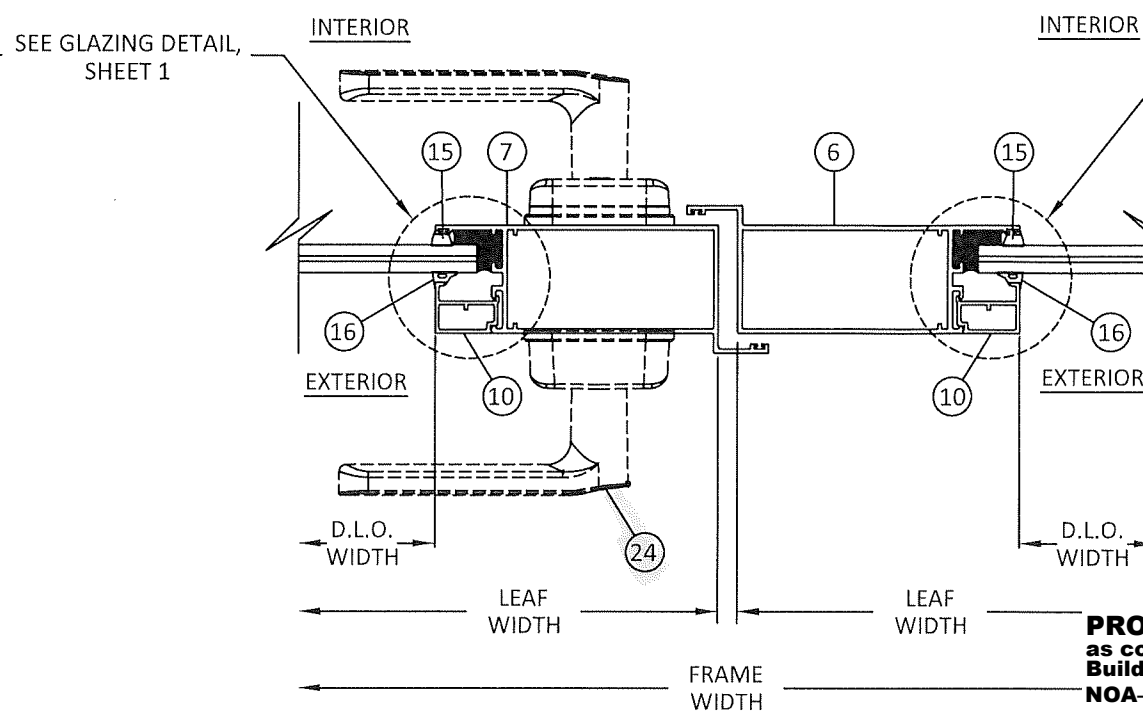
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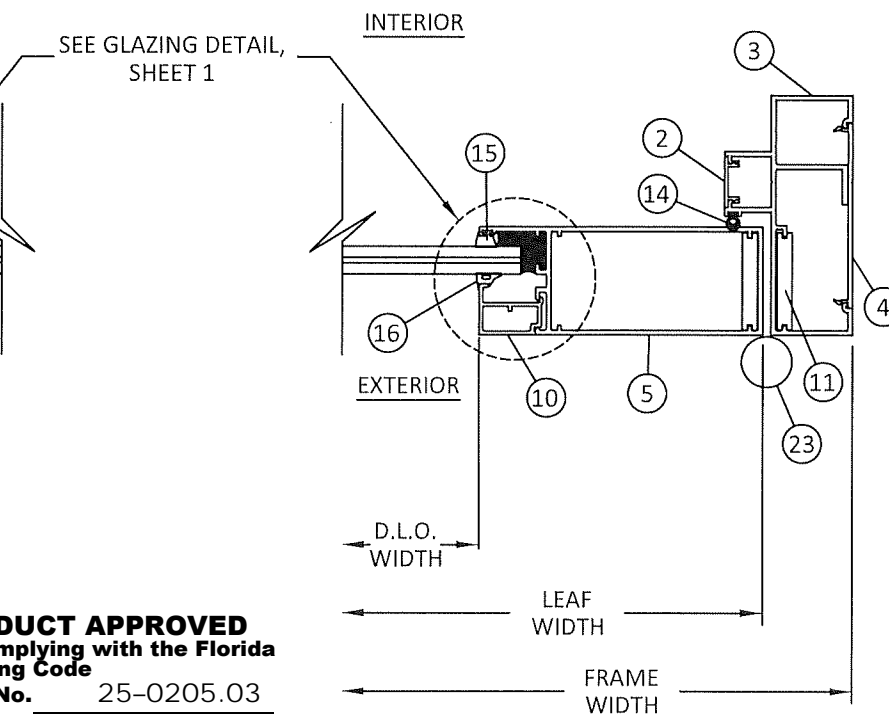
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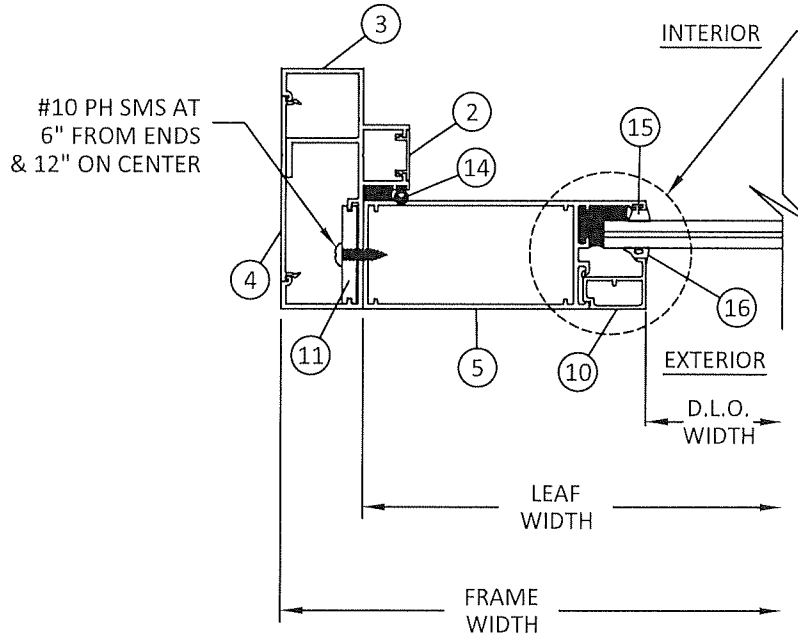
A
5 HORIZONTAL SECTION
HINGE JAMB



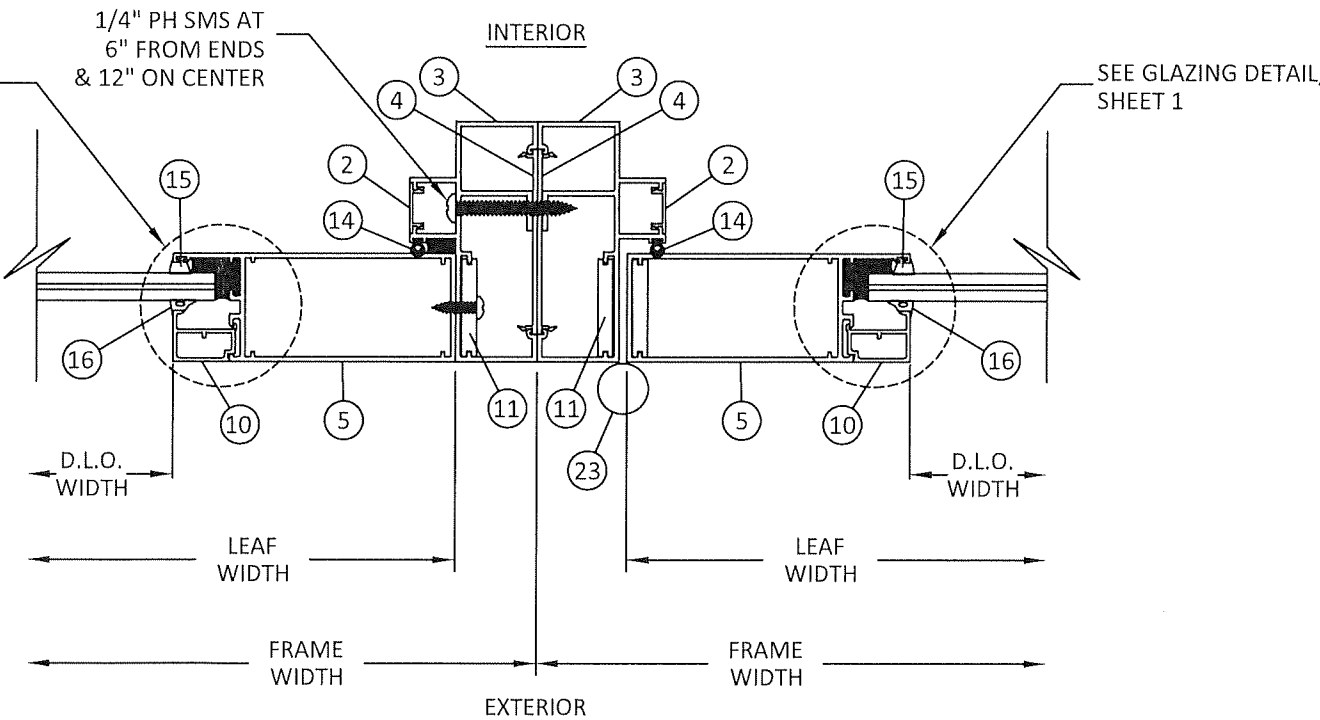
B
5 HORIZONTAL SECTION
ASTRAGAL



C
5 HORIZONTAL SECTION
HINGE JAMB



D
5 HORIZONTAL SECTION
SIDELITE JAMB



E
5 HORIZONTAL SECTION
SIDELITE/DOOR MULLION

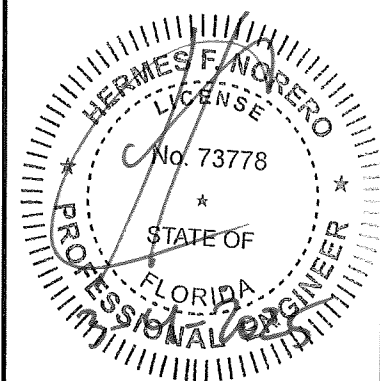
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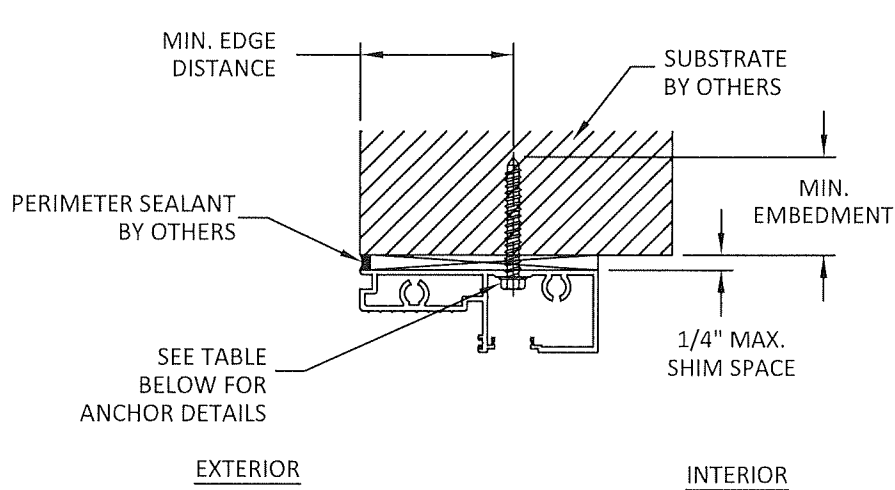
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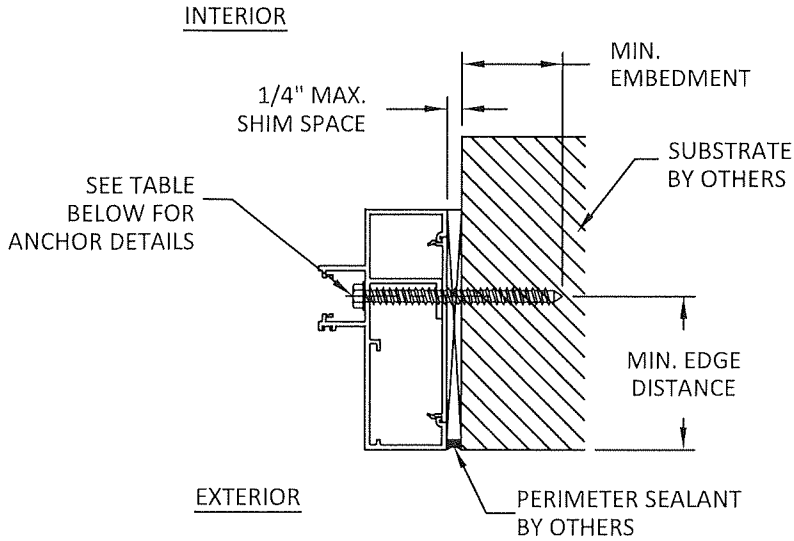
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CHK. BY: HFN
SCALE: NTS
DWG. #: AAF001
SHEET:

5



A
6 VERTICAL SECTION
HEAD - THROUGH FRAME
SILL SIMILAR



B
6 VERTICAL SECTION
JAMB - THROUGH FRAME

ANCHOR SCHEDULE						
METHOD	QUANTITY PER LOCATION	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
THROUGH FRAME	1	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.50"	1.00"	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"	2.50"	
		MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	2.50"	

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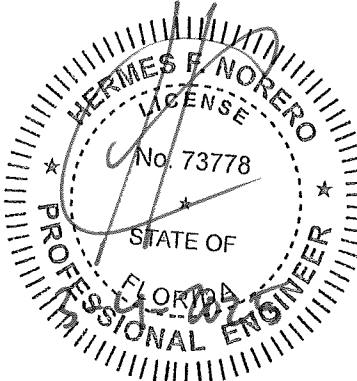
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ANCHOR DETAILS &
ANCHOR SCHEDULE

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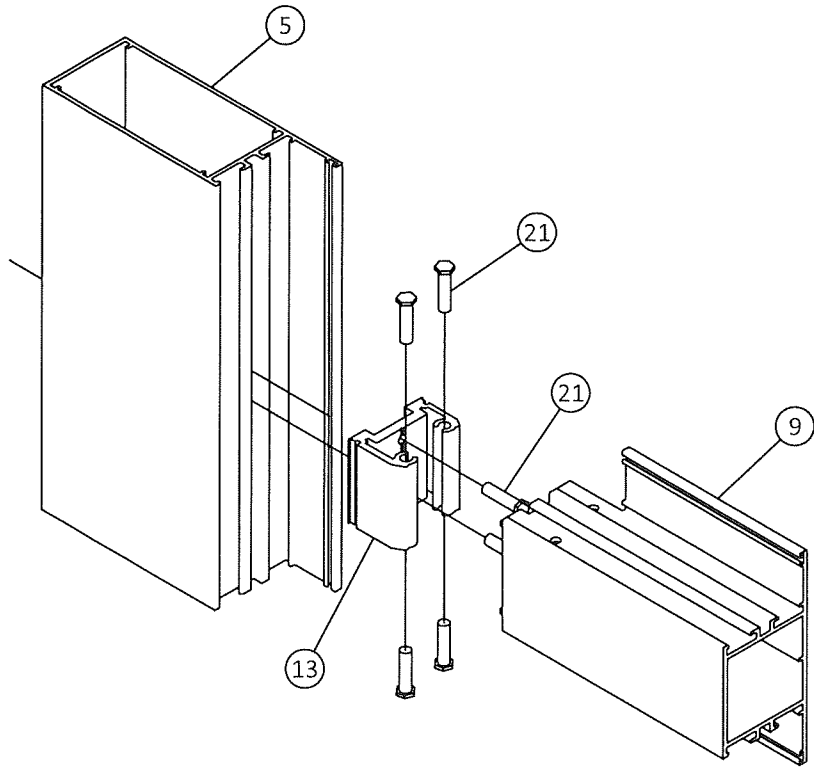


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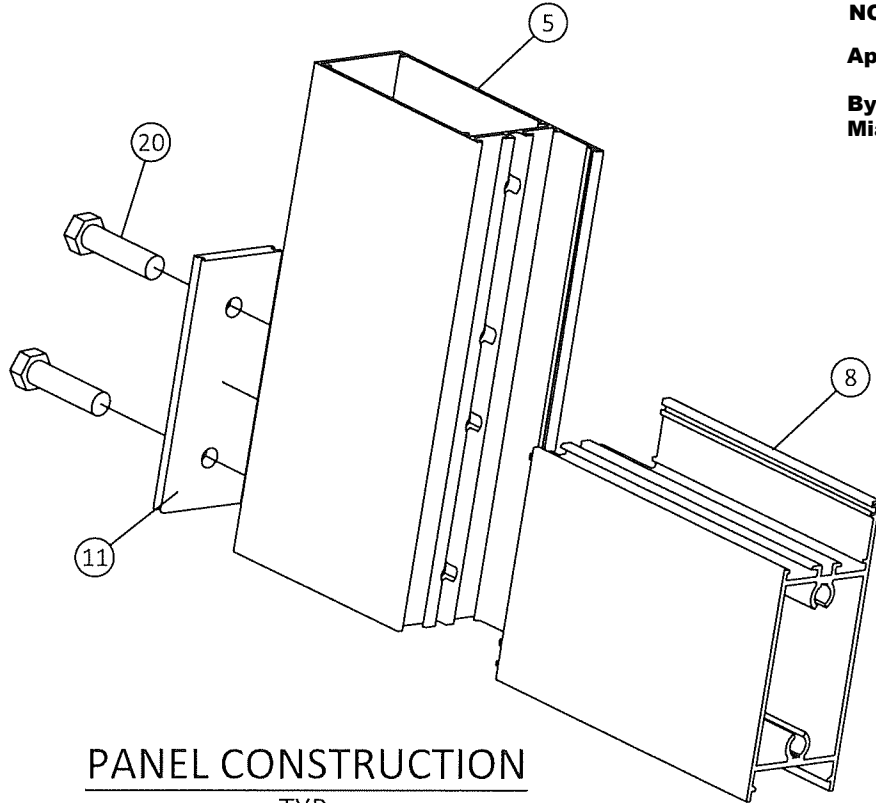
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DWG. #: AAF001	
SHEET:	

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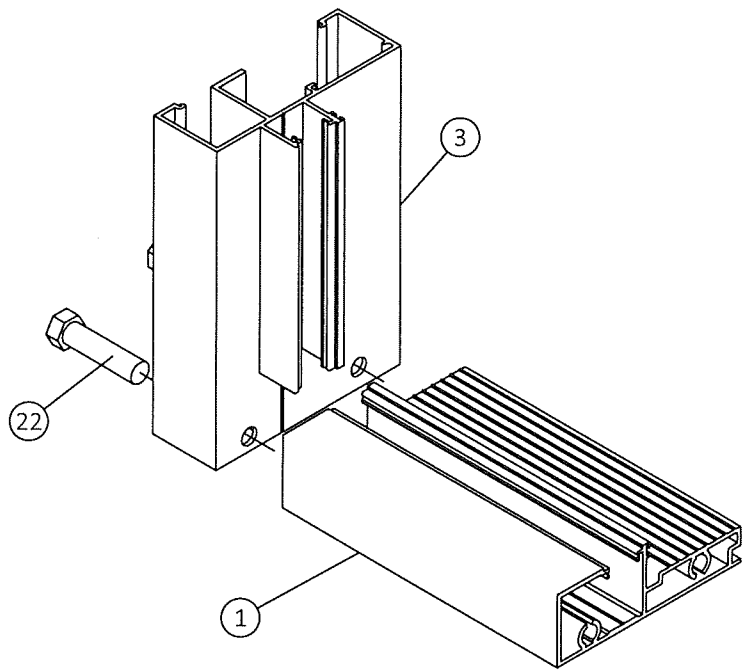
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PANEL CONSTRUCTION
TYP.



PANEL CONSTRUCTION
TYP.



FRAME CONSTRUCTION
TYP.

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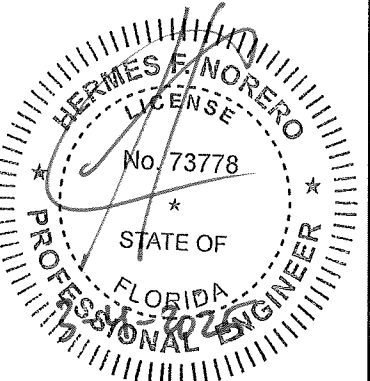
TITLE: ALUMINUM OUTSWING
ENTRANCE DOOR
(HVHZ) (IMPACT)
CORNER CONSTRUCTION

PREPARED BY:
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MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BD
BUILDING DROPS

REMARKS	BY	DATE

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DOCUMENTS FOR USE WITH THIS DOCUMENT.



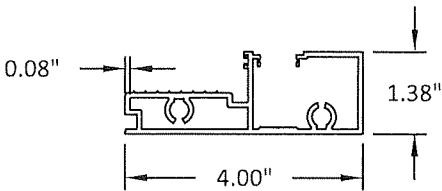
HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

DATE: 01.24.2025	
DWG. BY: SH	CHK. BY: HFN
SCALE: NTS	
DWG. #: AAF001	
SHEET:	

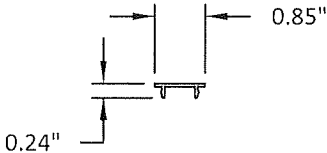
7

c:\Users\sebastianherrerros\building drops, inc\building drops lending - common\projects\american aluminum fabricators corp\lbc-21-1204 - fbc submittal - aluminum entrance door\dwgs\aa001.dwg 3/4/2025 5:55 PM

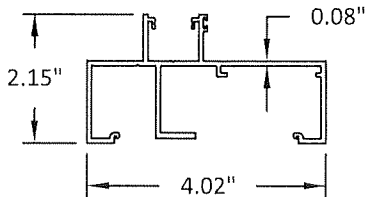
BILL OF MATERIALS				
ITEM	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	AAF-101	FRAME HEAD/SILL	6063-T6	AAF
2	AAF-102	FRAME SCREW COVER	6063-T6	AAF
3	AAF-103	FRAME JAMB	6063-T6	AAF
4	AAF-104	JAMB COVER	6063-T6	AAF
5	AAF-105	HINGE STILE	6063-T6	AAF
6	AAF-106	ASTRAGAL STILE	6063-T6	AAF
7	AAF-107	LOCK STILE	6063-T6	AAF
8	AAF-108	TOP/BOTTOM RAIL	6063-T6	AAF
9	AAF-109	MID-RAIL	6063-T6	AAF
10	AAF-110	GLASS STOP	6063-T6	AAF
11	AAF-111	SHEAR BLOCK	6063-T6	AAF
12	AAF-112	WEATHER STRIP ADAPTER	6063-T6	AAF
13	AAF-113	SHEAR BLOCK	6063-T6	AAF
14	AAF-114	BULB GASKET	TPV-PP	-
15	AAF-115	FIXED GASKET	TPV-PP	-
16	AAF-116	WEDGE GASKET	EPDM	-
17	AAF-117	GLASS SETTING BLOCK	TPV	-
18	AAF-118	WEATHER STRIP	-	-
19	AAF-P1	T511 FLUSHBOLTS WITH HANDLER AND GUIDE	STAINLESS STEEL	GAAB
20	AAF-P2	3/8"-16 F HEX HEAD SCREW	STAINLESS STEEL	-
21	AAF-P3	#10-24 UNDER CUT SCREW	STAINLESS STEEL	-
22	AAF-P4	#14-16 SHEET METAL SCREW	STAINLESS STEEL	-
23	AAF-P5	HINGES	STAINLESS STEEL	-
24	AAF-P6	R750 SMART LOCK	STAINLESS STEEL	GAAB



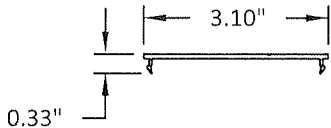
1 FRAME HEAD/SILL
6063-T6



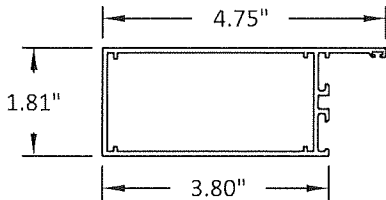
2 FRAME SCREW COVER
6063-T6



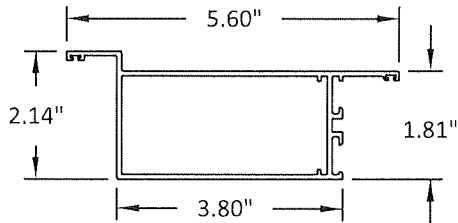
3 FRAME JAMB
6063-T6



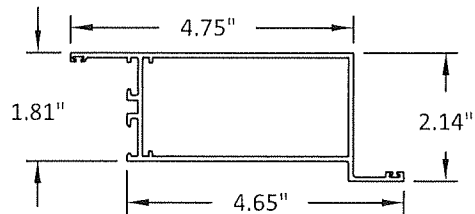
4 JAMB COVER
6063-T6



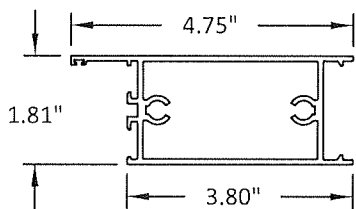
5 HINGE STILE
6063-T6



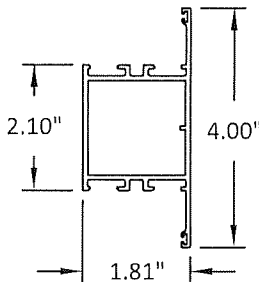
6 ASTRAGAL STILE
6063-T6



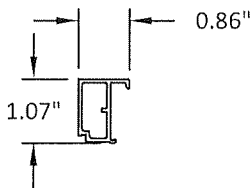
7 LOCK STILE
6063-T6



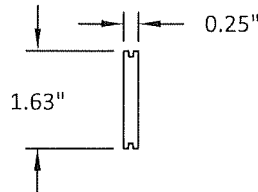
8 TOP/BOTTOM RAIL
6063-T6



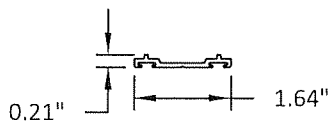
9 MID-RAIL
6063-T6



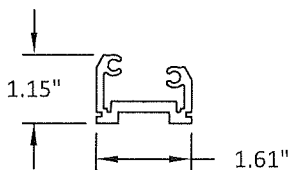
10 GLASS STOP
6063-T6



11 SHEAR BLOCK
6063-T6



12 WEATHER STRIP ADAPTER
6063-T6



13 SHEAR BLOCK
6063-T6



2775 NW 77TH ST.
MEDLEY, FL 33166
PH: (786) 542-1650

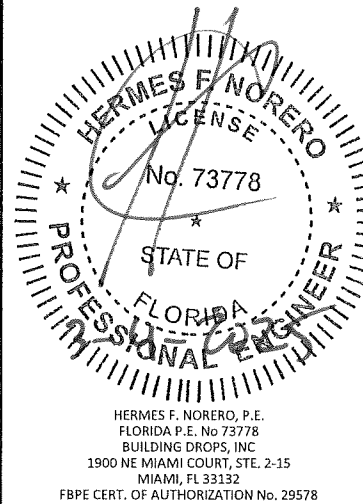
TITLE: ALUMINUM OUTSWING
ENTRANCE DOOR
(HVHZ) (IMPACT)
BILL OF MATERIALS
& COMPONENTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
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8

OF 8