



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

V & V Commercial, LLC
14150 N.W. 56th Court, Suite #600
Opa-Locka, FL 33054

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 "1000" Outswing Aluminum Storefront Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **19-112D**, titled "Series-1000 Aluminum Outswing Door (L.M.I.)", sheets 1 through 12 of 12, dated 10/24/19, with revision C dated 09/04/25, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Revision 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

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.

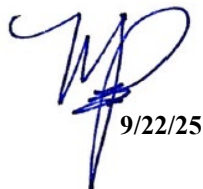
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **revises NOA No. 25-0805.01** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




9/22/25

NOA No. 25-0908.05
Expiration Date: August 27, 2030
Approval Date: October 02, 2025
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 20-0630.04)
2. Drawing No. **19-112D**, titled "Series-1000 Aluminum Outswing Door (L.M.I.)", sheets 1 through 12 of 12, dated 10/24/19, with revision **B** dated 07/28/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 23-0815.15)

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Drop Load Test, per ANSI Z97.1 (400 foot-pound impact)
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-10713**, dated 11/05/19 and revised on 11/22/19, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 20-0630.04)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Drop Load Test, per ANSI Z97.1 (400 foot-pound impact)
along with marked-up drawings and installation diagram of an aluminum window wall system and aluminum storefront doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-12006**, dated 03/13/20 and revised on 11/22/19, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 20-0630.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017) and FBC 7th Edition (2020), dated 03/26/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-0630.04)
2. Glazing complies with **ASTM E1300-09**


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0908.05
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

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" dated 03/21/24, expiring on 07/08/29.
2. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 08/31/23, expiring on 07/04/28.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, and of no financial interest, dated August 1, 2025, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 25-0805.01)

G. OTHERS

1. Notice of Acceptance No. **23-0815.15**, issued to Gopi Glass Sales & Services Corp. for their Series "1000" Outswing Aluminum Storefront Door – L.M.I., approved on 09/07/23 and expiring on 08/27/25.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **19-112D**, titled "Series-1000 Aluminum Outswing Door (L.M.I.)", sheets 1 through 12 of 12, dated 10/24/19, with revision **C** dated 09/04/25, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0908.05
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

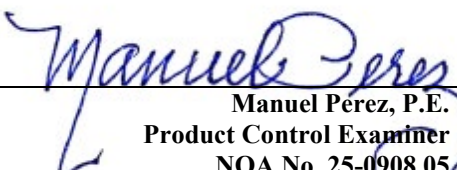
1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.
2. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 08/31/23, expiring on 07/04/28.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, and of no financial interest, dated August 28, 2025, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Letter from owners of existing NOA dated August 5, 2025, stating that they have sold all assets to the applicant, that they no longer manufacture the product and request to rescind current NOA No. **25-0805.01**, which renewed original NOA No. **23-0815.15**, signed by Marlen de Varona, president, Gopi Glass Sales & Service Corp.
3. Letter from V & V Commercial, LLC dated September 17, 2025, stating that they had legally purchased all the assets, rights and know-how of current NOA No. **25-0805.01**, which renewed original NOA No. **23-0815.15**, and request to issue the NOA in their name, signed by David Labrador, president V & V Commercial, LLC.
4. Name changed to **V & V Commercial, LLC** as registered in the Florida Department of State, Division of Corporation, active listing No. L25000336717, dated 07/28/25.
5. Asset Purchase and Sale Agreement dated July 31, 2025, between Gopi Glass Sale & Service Corp. (Seller) and V & V Commercial, LLC (Buyer), signed by respective company officials, Marlen de Varona, president and David Labrador, president.

G. OTHERS

1. Notice of Acceptance No. **25-0805.01**, issued to Gopi Glass Sales & Services Corp. for their Series “1000” Outswing Aluminum Storefront Door – L.M.I., approved on 08/28/25 and expiring on 08/27/30.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0908.05
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THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES-1000 ALUMINUM OUT-SWING ENTRANCE DOOR

SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF SINGLE (X)
AND DOUBLE (XX) DOORS.
SEE SHEET 3 FOR SINGLE (O/X) AND DOUBLE (O/XX) DOORS
WITH TRANSOM.

DOORS CAN ALSO BE USED WITH 'V&V COMMERCIAL' SERIES-1000
WINDOW WALL SYSTEM UNDER SEPARATE NOA.

SEE SEPARATE NOA FOR 'V&V COMMERCIAL' SERIES-1000
WINDOW WALL DOOR MULLION CAPACITIES.

LOWER VALUES FROM DOOR CAPACITY CHARTS OR
WINDOW WALL NOA WILL APPLY TO ENTIRE SYSTEM.

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER
INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE
INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT
LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

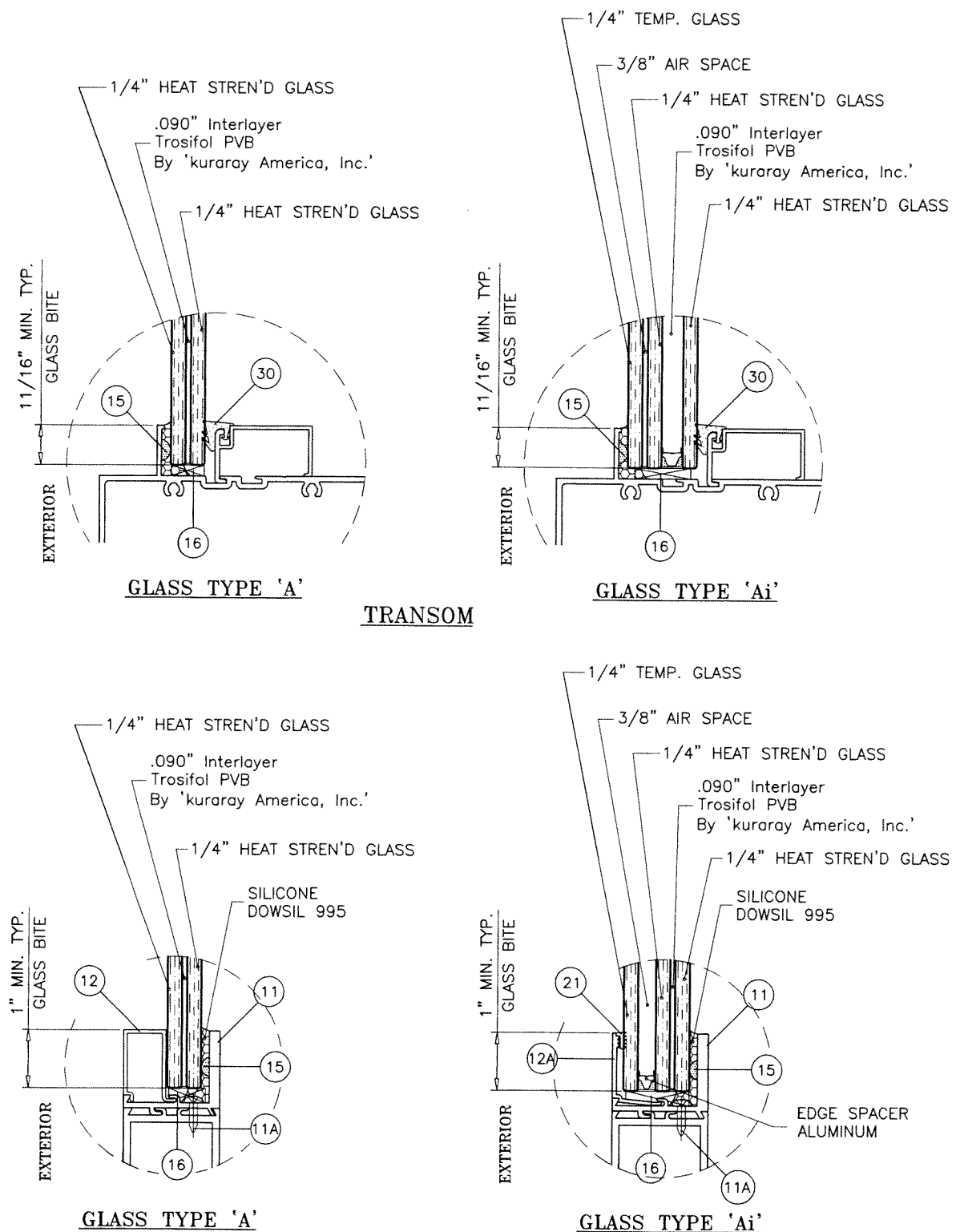
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

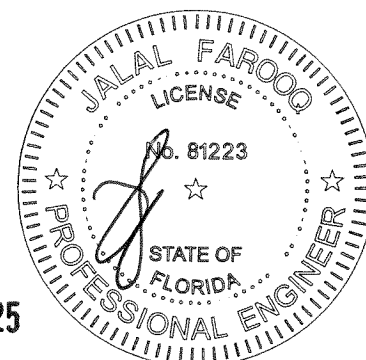
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.



DOOR GLAZING OPTIONS

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **25-0908.05**
Expiration Date: **08/27/2030**
By: *Manuel Perez*
Miami-Dade Product Control



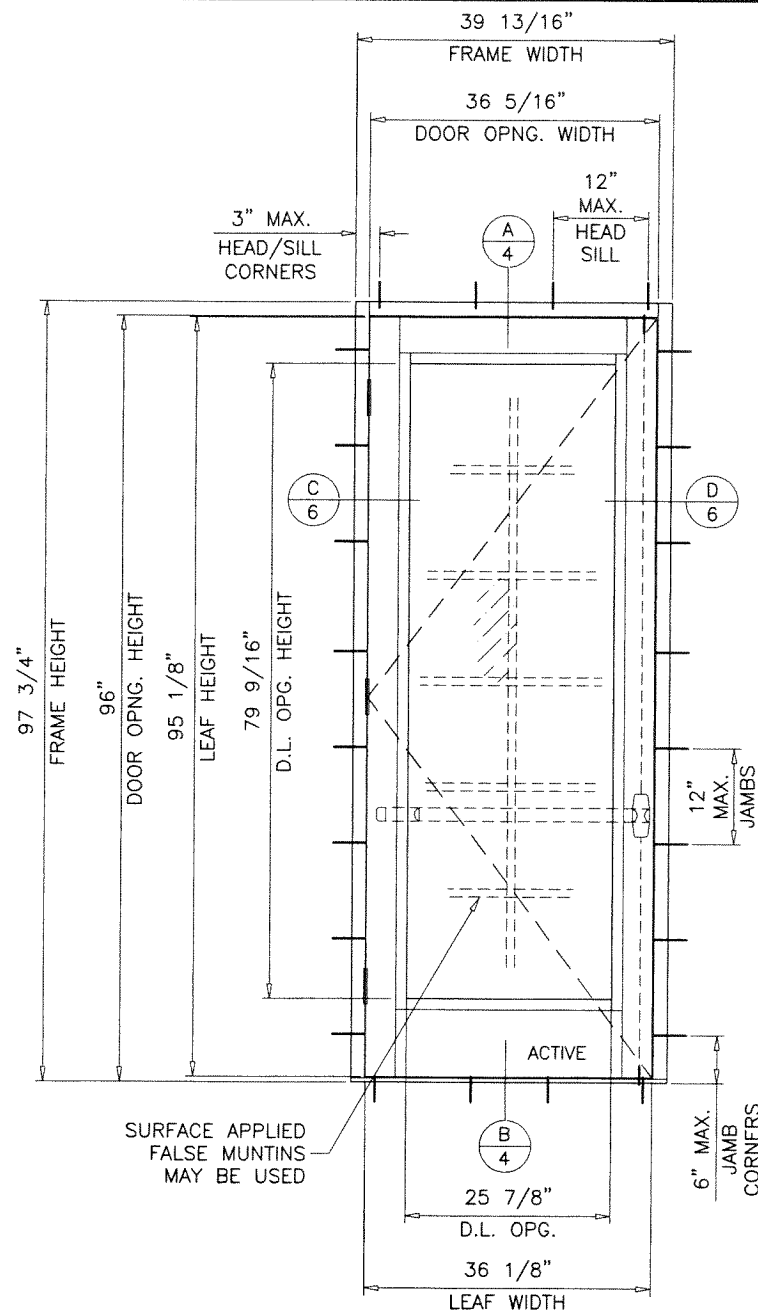
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES-1000 ALUMINUM OUTSWING DOOR (L.M.I.)
V & V Commercial LLC
14150 N.W. 56th Court, Suite #600
Opa-Locka, FL. 33054
Tel. (305) 888-4151 Fax. (305) 888-1042

revisions:		no	date	by	description
A	B	C	01.06.21		ANCHORS UPDATED
			07.28.23		UPDATED TO 2023 FBC
			09.04.25		MANUF. NAME & ADDRESS REV.
date: 10-24-19					
scale: 3/8" = 1"					
dr. by: TARIQ					
chk. by:					
drawing no. 19-112D					
sheet 1 of 12					

COMP-ANL\19-112D-WC



(X)

TYPICAL ELEVATIONS

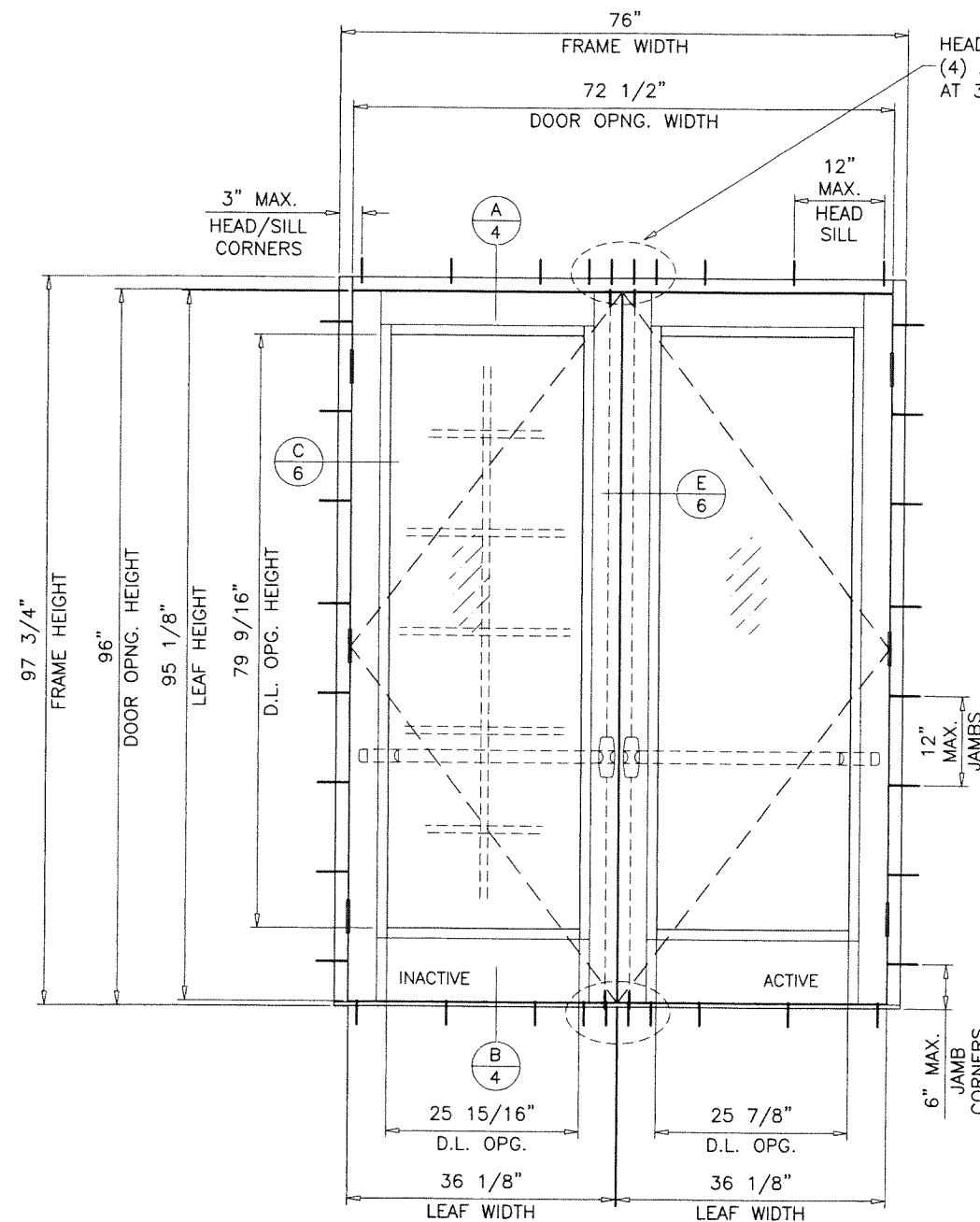
SINGLE (X) DOORS LOAD CAPACITY - PSF					
FRAME DIMS.		LEAF DIMS.		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT		
39-13/16"	97-3/4"	36-1/8"	95-1/8"	70.0	70.0

GLASS D.L.O. FORMULAE: (DOOR)

D.L.O. WIDTH = FRAME WIDTH - 13.938" (X DOORS)
= (FRAME WIDTH - 24.25")/2 (XX DOORS)

D.L.O. HEIGHT = FRAME HEIGHT - 18.188"

DOOR LEAF HEIGHT = FRAME HEIGHT - 2.625"



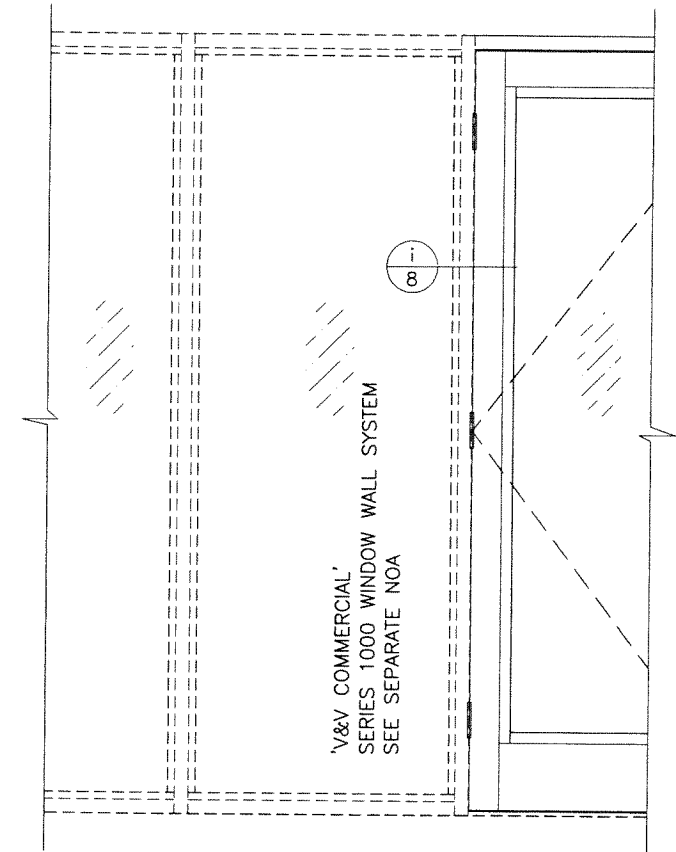
(XX)

DOUBLE (XX) DOORS LOAD CAPACITY - PSF					
FRAME DIMS.		LEAF DIMS.		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT		
76"	97-3/4"	36-1/8"	95-1/8"	70.0	70.0

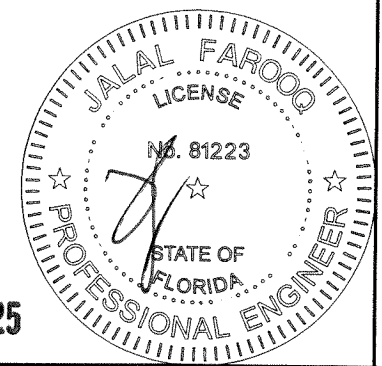
NOTE:

GLASS CAPACITIES ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

HEAD/SILL ANCHORS
(4) AT MTG. STILE ENDS
AT 3" O.C. MAX.



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Miami-Dade Product Control

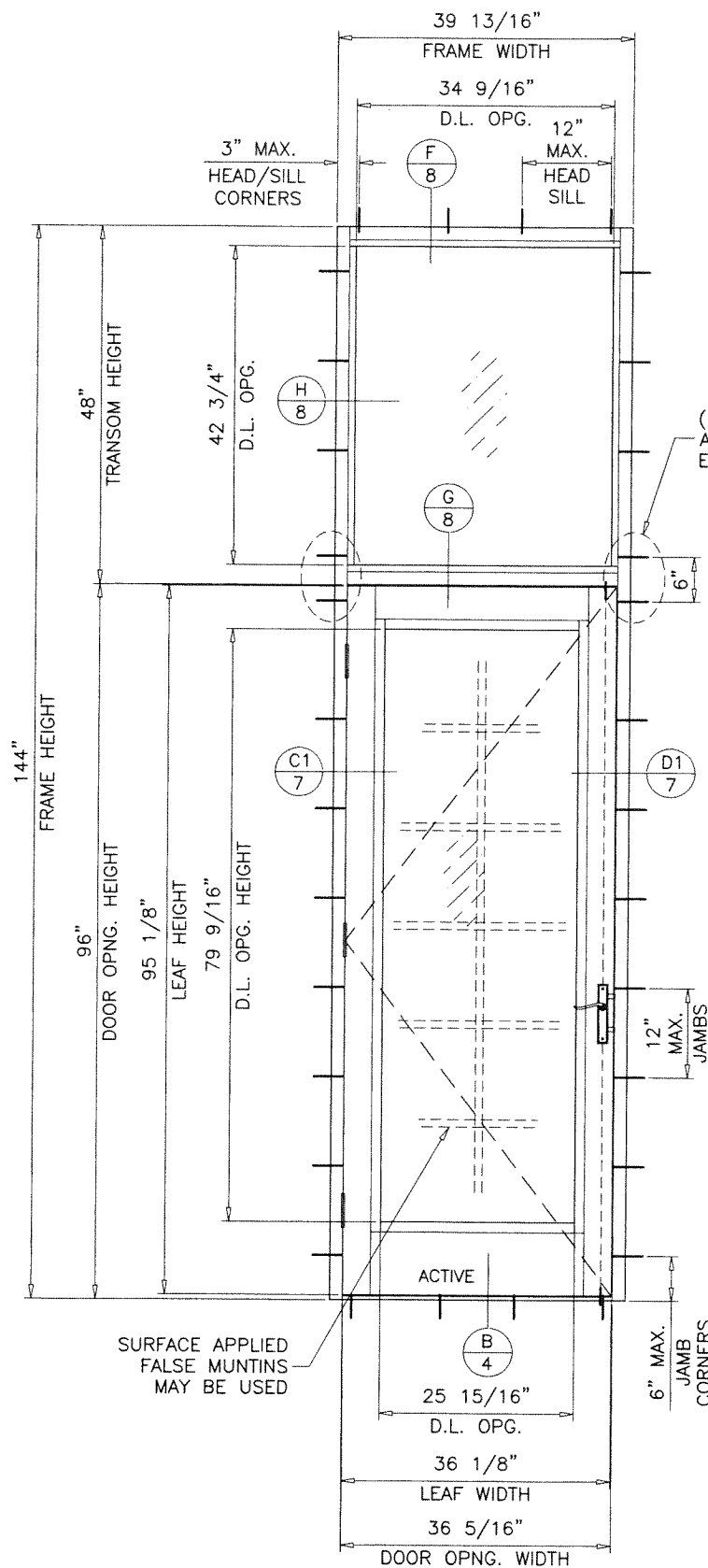


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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-6978
COMP-ANL 19-112D-VWC

SERIES-1000 ALUMINUM OUTSWING DOOR (L.M.I.)
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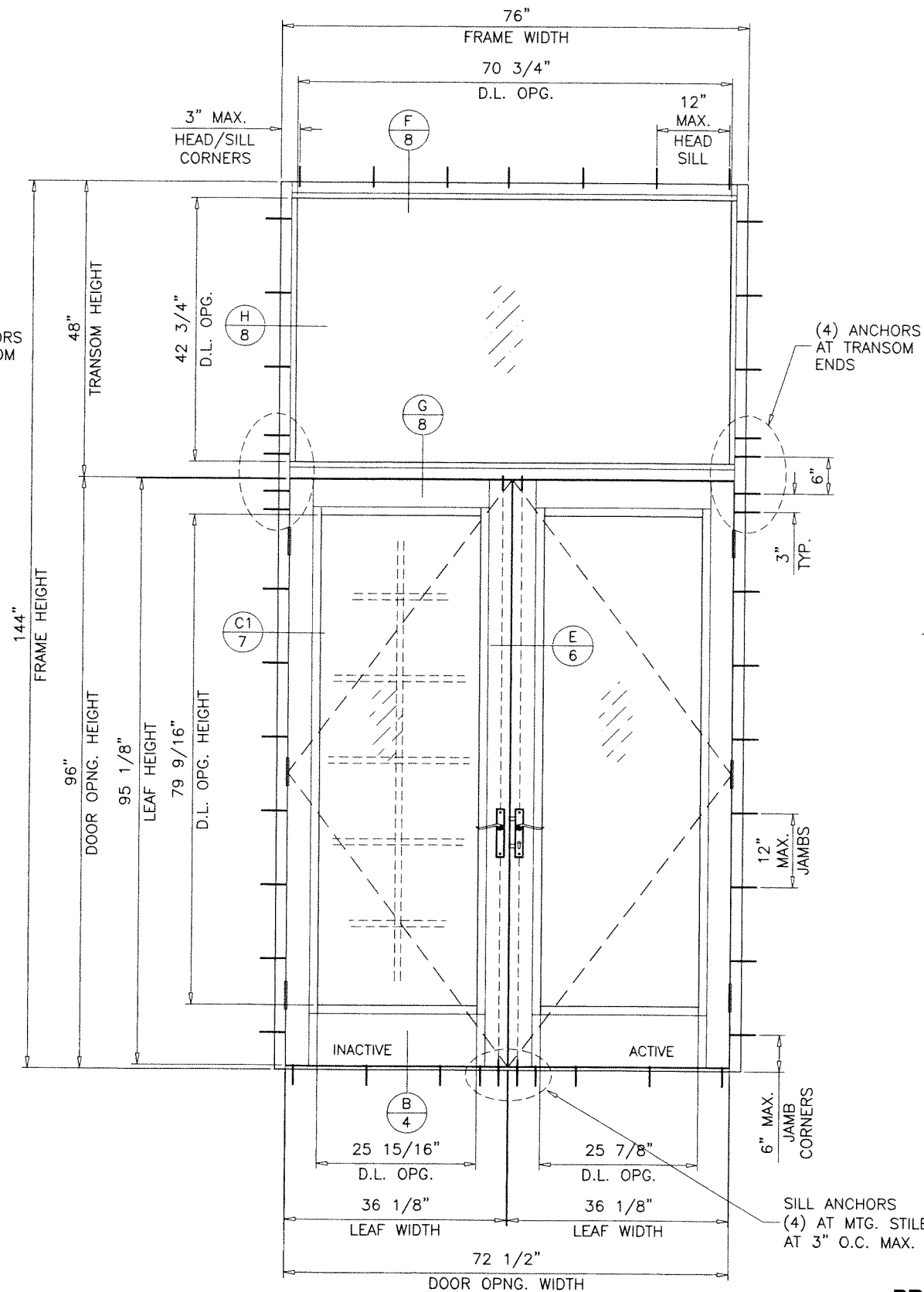
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		B	07.28.23		NO CHANGE THIS SHEET
		C	09.04.25		MANUF. NAME & ADDRESS REV.
scale: 1/2"=1'-0"					
dr. by: TARIQ					
chk. by:					
sheet 2 of 12					



(O/X)

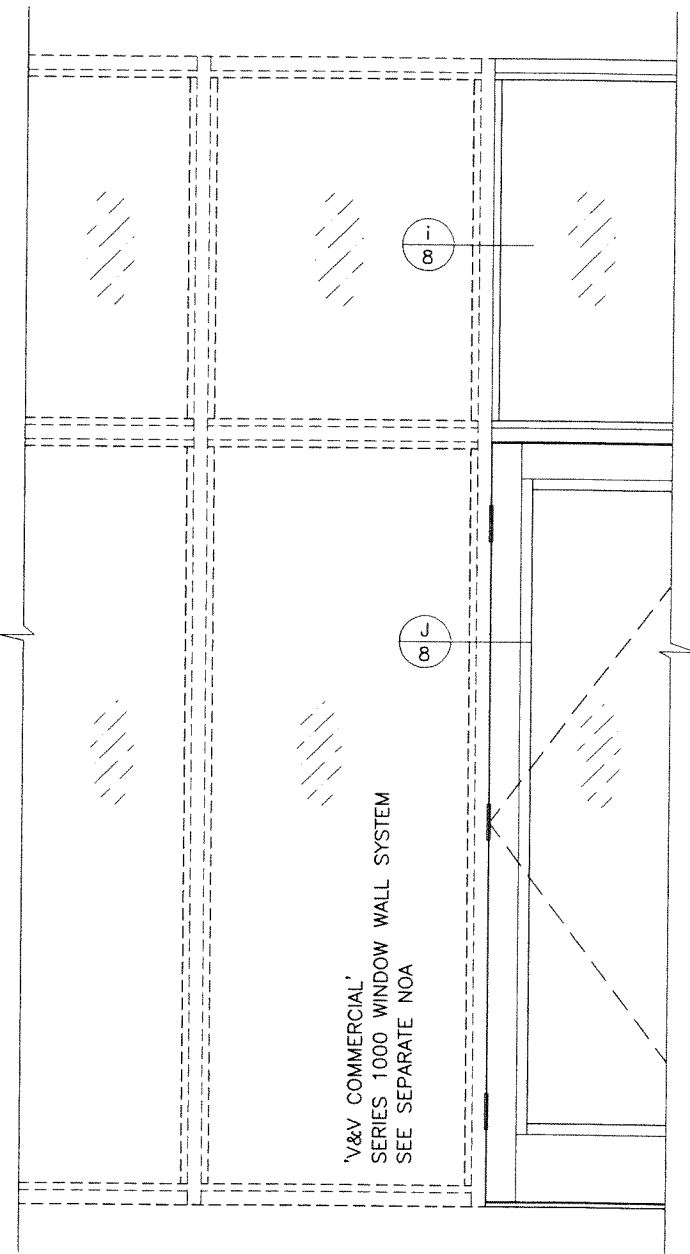
TYPICAL ELEVATIONS

SINGLE (O/X) DOORS WITH TRANSOM LOAD CAPACITY - PSF						
DOOR DIMS.					EXT.(+)	INT.(-)
FRAME		LEAF		TRANSOM HEIGHT		
WIDTH	HEIGHT	WIDTH	HEIGHT			
39-13/16"	144"	36-1/8"	95-1/8"	48"	70.0	70.0



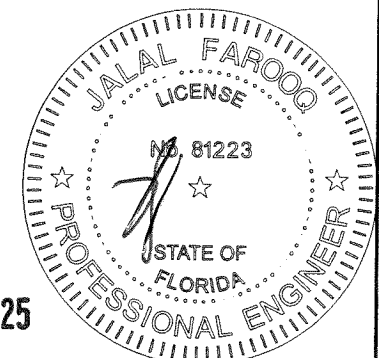
(O/XX)

DOUBLE (O/XX) DOORS WITH TRANSOM LOAD CAPACITY - PSF						
DOOR DIMS.					EXT.(+)	INT.(-)
FRAME		LEAF		TRANSOM HEIGHT		
WIDTH	HEIGHT	WIDTH	HEIGHT			
76"	144"	36-1/8"	95-1/8"	48"	70.0	70.0



GLASS D.L.O. FORMULAE: (TRANSOM)
D.L.O. WIDTH = FRAME WIDTH - 5.250"
D.L.O. HEIGHT = TRANSOM HEIGHT - 5.250"

PRODUCT REVISED
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By: *Manuel Perez*
Miami-Dade Product Control

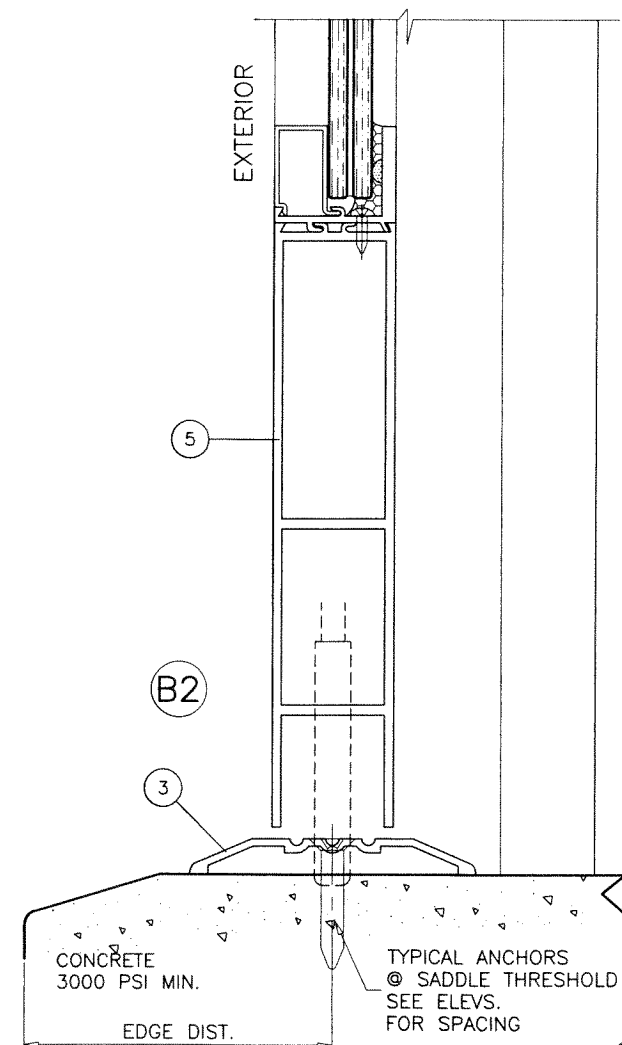
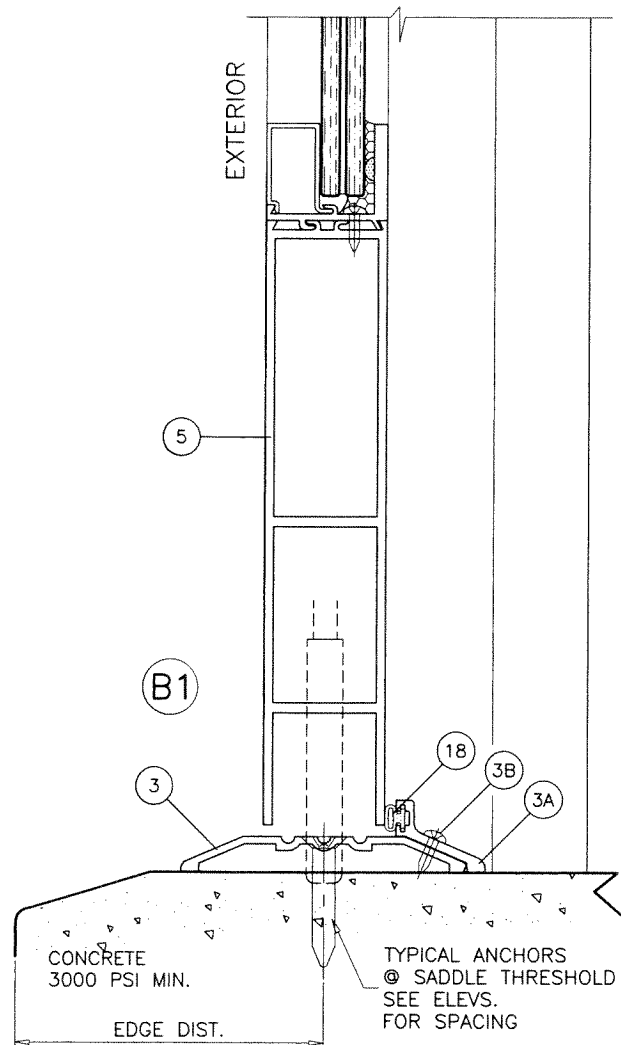
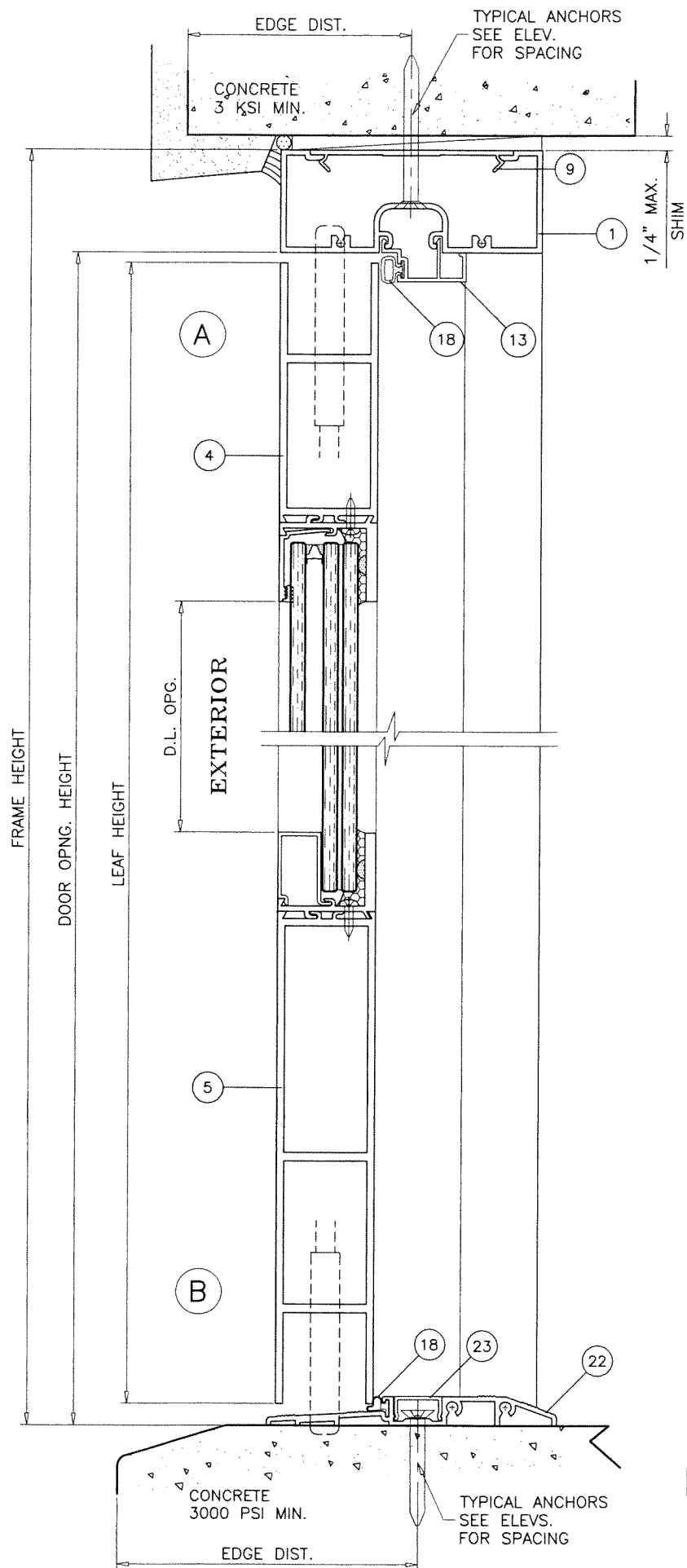


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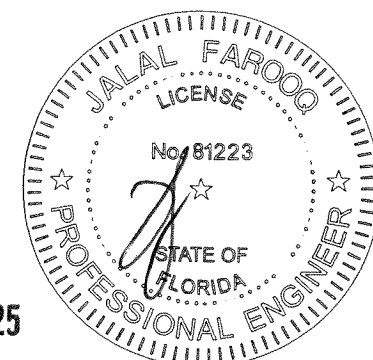
afC
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COMP-ANL 19-112D-VVC

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revisions:		no	date	by	description
date:	10-24-19	A	01.06.21		NO CHANGE THIS SHEET
		B	07.28.23		NO CHANGE THIS SHEET
		C	09.04.25		MANUF. NAME & ADDRESS REV.
drawing no.		19-112D			
sheet 3 of 12					



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 COMP-ANL\19-112D-WC

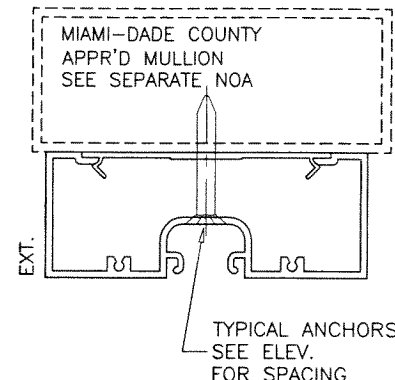
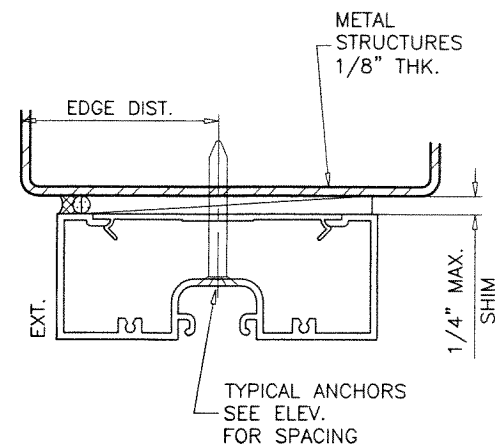
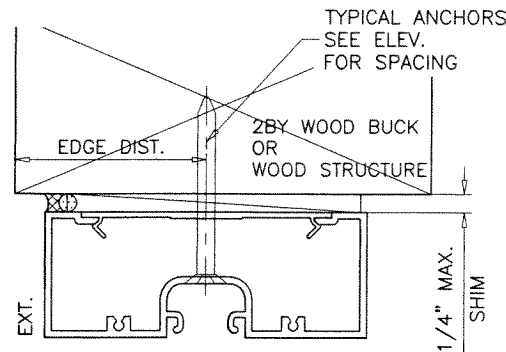
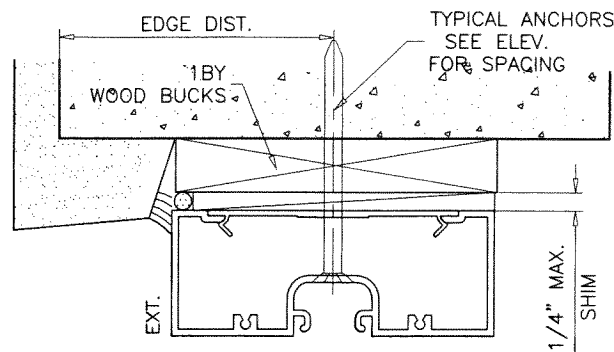
SERIES-1000 ALUMINUM OUTSWING DOOR (L.M.I.)

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revisions:		date:	10-24-19	scale:	3/8" = 1"	dr. by:	TARIQ	chk. by:
no	date	by	description	no	date	by	description	
A	01.06.21		NO CHANGE THIS SHEET					
B	07.28.23		NO CHANGE THIS SHEET					
C	09.04.25		MANUF. NAME & ADDRESS REV.					

drawing no.
19-112D

sheet **4** of **12**



WOOD BUCKS AND METAL STRUCTURE NOT BY 'V&V COMMERCIAL' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

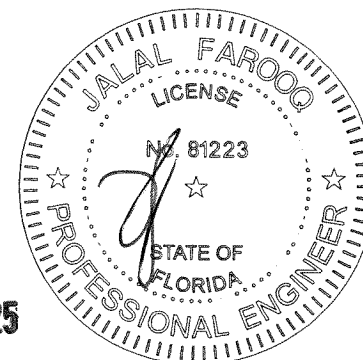
INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

TYPICAL ANCHORS @ SADDLE THRESHOLD ONLY:

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONCRETE
 1-1/4" MIN. EMBED INTO 3000 PSI CONCRETE
 2-1/2" MIN. EDGE DISTANCE

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 Miami-Dade Product Control

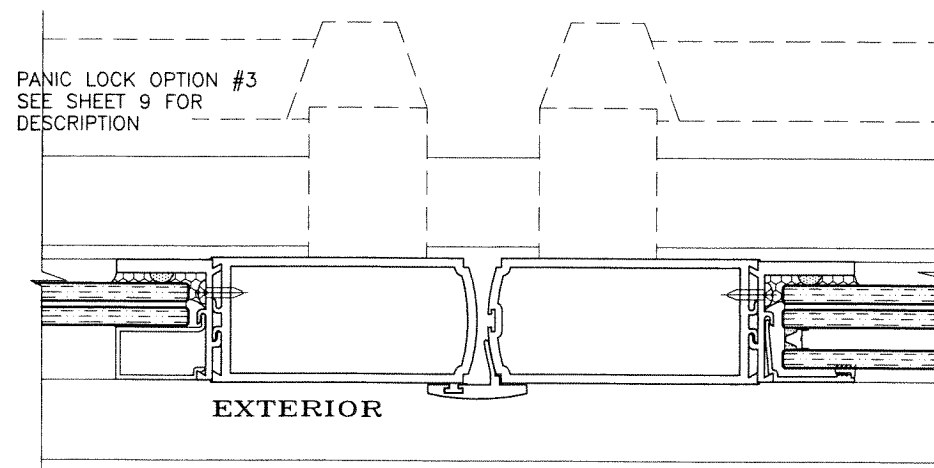
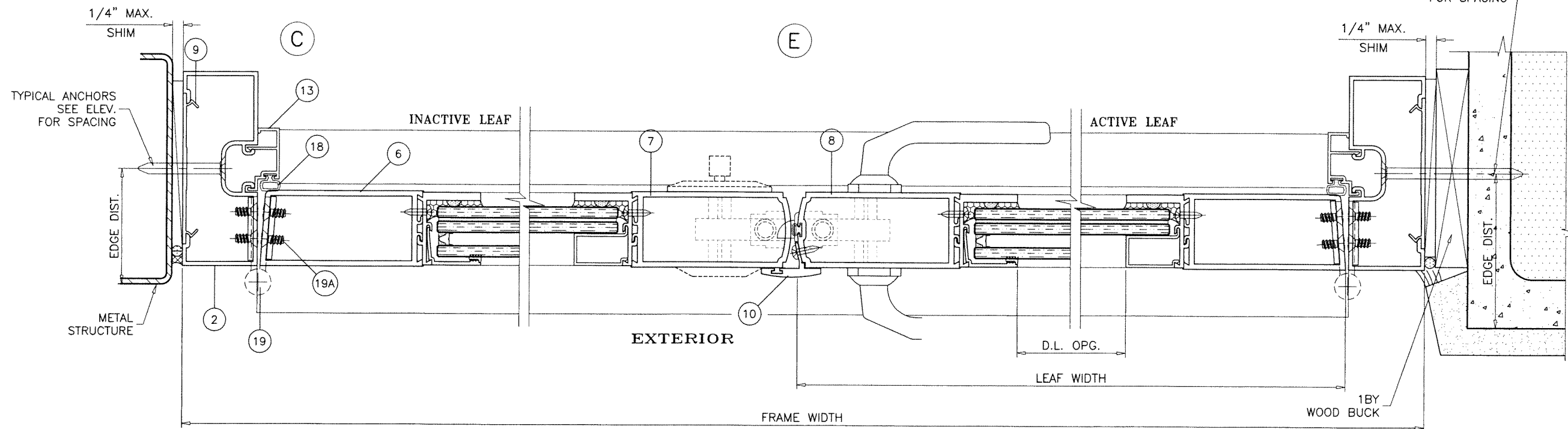
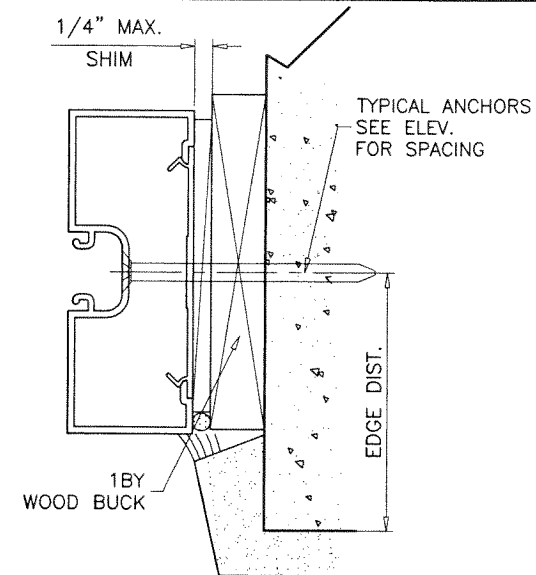
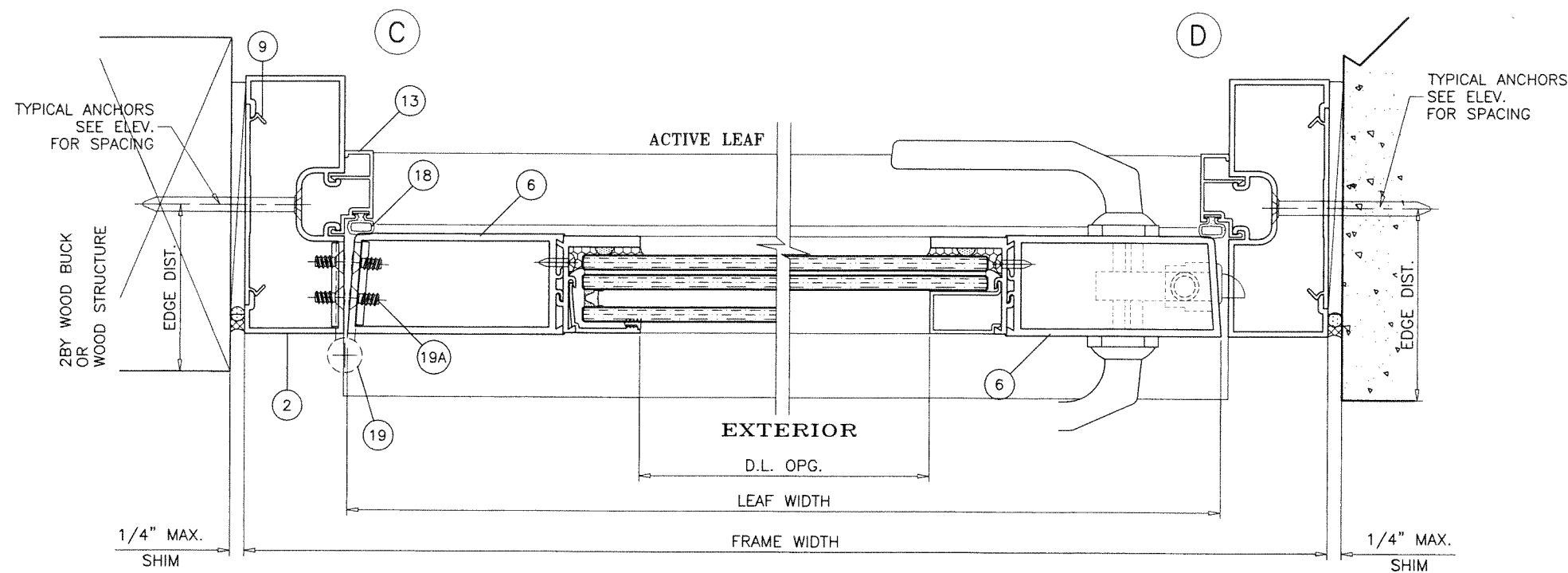


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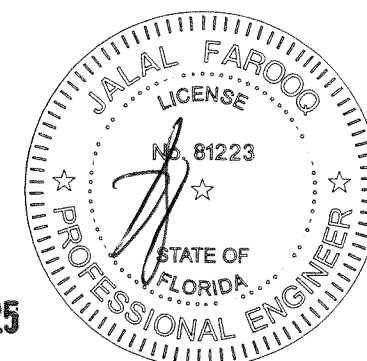
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 (C.A.N. 3538)
 COMP-ANL\19-112D-VVC

SERIES-1000 ALUMINUM OUTSWING DOOR (L.M.I.)
V & V Commercial LLC
 14150 N.W. 56th Court, Suite #600
 Opa-Locka, FL. 33054
 Tel. (305) 888-4151 Fax. (305) 888-1042

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	B	07.28.23			NO CHANGE THIS SHEET
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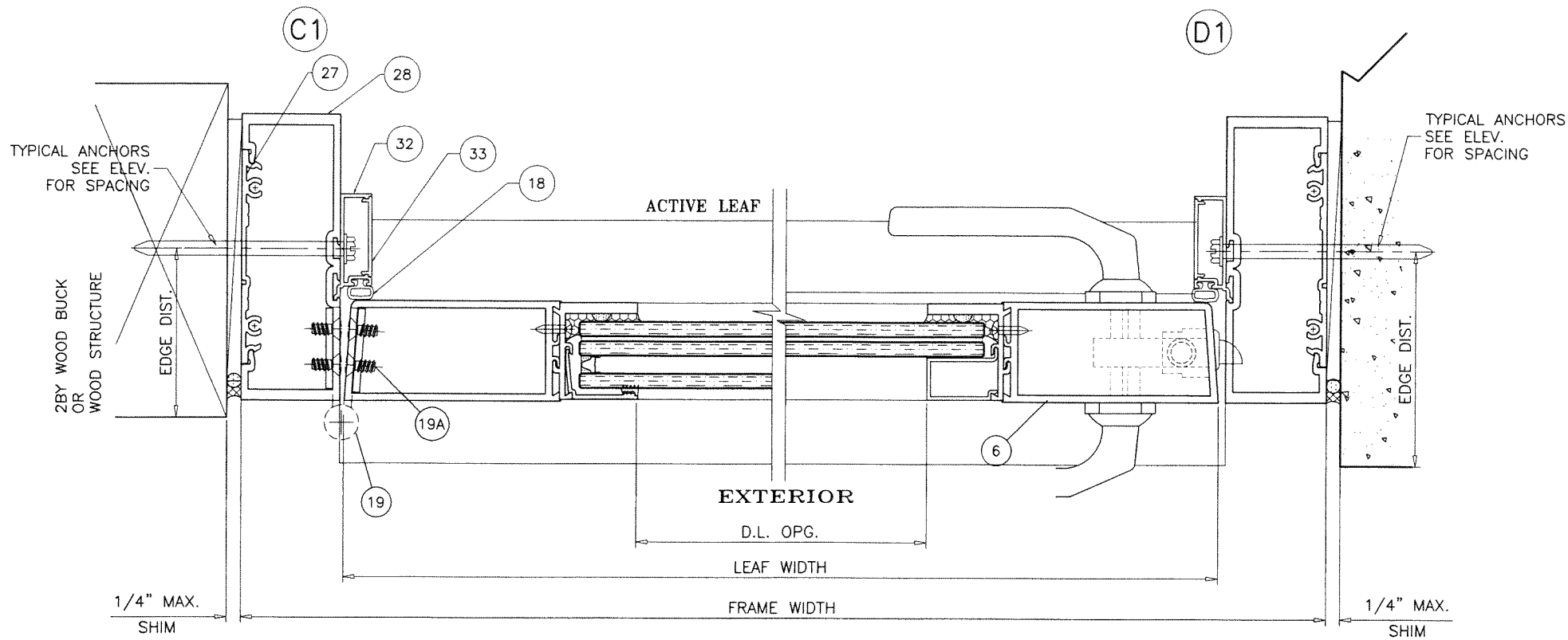
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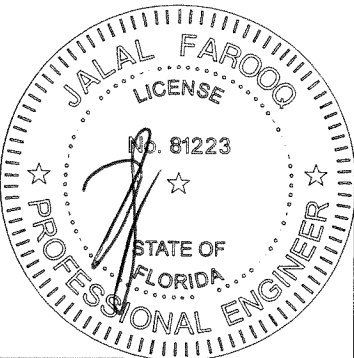
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DOORS CAN BE INSTALLED IN ALL SUBSTRATES SHOWN ON SHEETS 4 THRU 6.



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			drawing no.			
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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	5503	1	DOOR FRAME HEAD	6063-T6	-
2	5501	2	DOOR FRAME JAMB	6063-T6	-
3	20305	1	SADDLE THRESHOLD	6063-T6	-
3A	AGP-292	1	THRESHOLD RISER	6063-T6	-
3B	#8 X 1"	AS REQD.	RISER FASTENERS	ST. STEEL	PH SELF DRILLING SCREWS
4	AGP-238	1/ LEAF	LEAF TOP RAIL	6063-T6	-
5	BCE-3323	1/ LEAF	LEAF BOTTOM RAIL	6063-T6	-
6	AGP-364	1/ LEAF	LEAF HINGE STILE	6063-T6	-
7	AGP-362	1/ LEAF	INACTIVE LEAF LOCK STILE	6063-T6	-
8	BCE-3316	1/ LEAF	ACTIVE LEAF LOCK STILE	6063-T6	-
9	5009	AS REQD.	SHEAR CLIP. 4" LONG	6063-T6	-
10	20271	AS REQD.	ASTRAGAL	6063-T6	-
11	GOP-6	4/ LEAF	GLAZING ADAPTER	6063-T6	-
11A	#8 X 1"	AS REQD.	ADAPTER FASTENERS, AT 8" O.C. MAX.	ST. STEEL	PH SELF DRILLING SCREWS
12	GOP-4	4/ LEAF	GLAZING BEAD (LAM. GLASS)	6063-T6	-
12A	-	4/ LEAF	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
13	BCE-460	3/ DOOR	DOOR STOP	6063-T5	-
14	20913	AS REQD.	SHEAR BLOCK	6063-T6	-
15	-	-	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.
16	-	2/ LITE	SETTING BLOCKS	EPDM	AT 6" FROM EACH END, DUROMETER 65±5
17	-	-	PILE W'STRIPPING	WOOL	ULTRAFAB
18	-	-	BULB W'STRIPPING	SANTOPRENE	EPDM
19	-	3/ LEAF	BUTT HINGES	ALUMINUM	REGENT
19A	1/4-20 X 1/2"	-	HINGE INSTALLATION FASTENERS	-	FH MS
19B	-	2/ HINGE	HINGE BACK-UP PLATE	6063-T6	-
20	#12 X 1-1/4"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS
22	G1012	AS REQD.	ADA THRESHOLD	6063-T6	-
23	G1013	AS REQD.	ADA THRESHOLD COVER	6063-T6	-
24	G1003	AS REQD.	TRANSOM HEAD	6063-T6	-
25	G1002	AS REQD.	TRANSOM SNAP-IN MATE	6063-T6	-
26	G1007	AS REQD.	TRANSOM GLAZING BEAD	6063-T6	-
27	G1004	AS REQD.	SHEAR CLIP, LENGTH VARIES TO COVER ANCHOR SPACINGS	6063-T6	-
28	G1006	AS REQD.	DOOR JAMB/TRANSOM	6063-T6	-
29	G1005	AS REQD.	TRANSOM INSERT	6063-T6	-
29A	#8 X 1/2"	AS REQD.	TRANSOM INSERT FASTENERS, AT 12" O.C.	ST. STEEL	PH SELF DRILLING SCREWS
30	G1008	AS REQD.	TRANSOM GLAZING GASKET	EPDM	DUROMETER 55±5 SHORE A
31	G1009	AS REQD.	TRANSOM GALZING ADAPTER	6063-T6	-
32	G1010	AS REQD.	DOOR STOP	6063-T6	-
32A	#8 X 1/2"	AS REQD.	DOOR STOP FASTENERS	ST. STEEL	PH SELF DRILLING SCREWS
33	G1011	AS REQD.	DOOR STOP COVER	6063-T6	-

LOCK OPTIONS:

OPTION #1:

ACTIVE LEAF:

KEY OPERATED THREE POINT LOCK SYSTEM
'MS1853A/4015/4016' AND 'MS1850S/4015/4016' BY 'ADAMS RITE'
WITH CONCEALED FLUSH BOLTS AT TOP &
BOTTOM OF LOCK STILE AND A THUMB TURN ON THE
INTERIOR, LOCATED AT 42-1/2" FROM BOTTOM OF PANEL
FASTENED WITH
(4) #8 X 1/2" FH MACHINE SCREWS

INACTIVE LEAF:

MANUALLY OPERATED TWO POINT LOCK SYSTEM
'MS1881' AND 'MS2180' BY 'ADAMS RITE'
WITH CONCEALED FLUSH BOLTS AT TOP &
BOTTOM OF LOCK STILE AND A THUMB TURN ON THE
INTERIOR, LOCATED AT 42-1/2" FROM BOTTOM OF PANEL
FASTENED WITH
(2) #6-32 X 5/16" PH MACHINE SCREWS

OPTION #2:

ACTIVE LEAF:

KEY OPERATED THREE POINT LOCK SYSTEM
'MS1853A/4015/4016' AND 'MS1850S/4015/4016' BY 'ADAMS RITE'
WITH CONCEALED FLUSH BOLTS AT TOP &
BOTTOM OF LOCK STILE AND A THUMB TURN ON THE
INTERIOR, LOCATED AT 42-1/2" FROM BOTTOM OF PANEL
FASTENED WITH
(4) #8 X 1/2" FH MACHINE SCREWS

INACTIVE LEAF

CONCEALED FLUSH BOLTS '1208/1202' BY 'SULLIVAN & ASSOC.'
1/2" X 2" THROW BOLTS ENGAGING FRAME AT
HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
10-3/4" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

OPTION #3:

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE
'1690' BY 'FALCON'
LOCATED AT 41" FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #14 X 1" HH SELF DRILLING SCREW AT ONE END AND
(2) #12-24 X 1/2" OH MACHINE SCREWS AT OTHER END

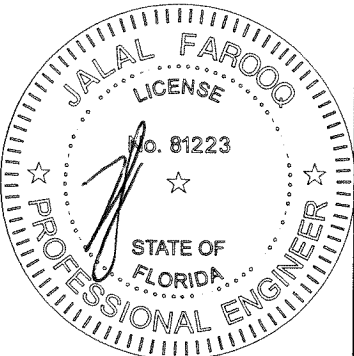
HINGES:

4-1/2" LONG FLUSH MOUNT STEEL BUTT HINGES BY 'REGENT'
(3) PER LEAF
(1) AT 9" FROM TOP TO CL OF HINGE
(1) AT 7-1/4" FROM BOTTOM TO CL OF HINGE
CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE
FASTENED WITH 1/4-20 X 1/2" FH MACHINE SCREWS
FOUR PER HASP(LEAF).

SEALANTS:

ALL FRAME JOINTS AND SEAMS SEALED WITH
SCHNEE-MOREHEAD SM5504 ACRYL-R SEAM SEALER.

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1 DOOR FRAME HEAD

2 DOOR FRAME JAMB

3 SADDLE THRESHOLD

3A THRESHOLD RISER

9 SHEAR CLIP

10 ASTRAGAL

11 GLAZING ADAPTER

4 LEAF TOP RAIL

6 LEAF HINGE STILE

7 INACTIVE LEAF LOCK STILE

8 ACTIVE LEAF LOCK STILE

12 GLAZING BEAD
LAM. GLASS

12A GLAZING BEAD
INSUL. LAM. GLASS

14 SHEAR BLOCK

13 DOOR STOP

5 LEAF BOTTOM RAIL

22 ADA THRESHOLD

23 ADA THRESHOLD COVER

26 TRANSOM GLAZING BEAD

33 DOOR STOP COVER

32 DOOR STOP

31 TRANSOM GLAZING ADAPTER

24 TRANSOM HEAD

25 TRANSOM SNAP-IN MATE

27 SHEAR CLIP

28 DOOR JAMB/TRANSOM

29 TRANSOM INSERT

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JALAL FAROOQ
LICENSE
NO. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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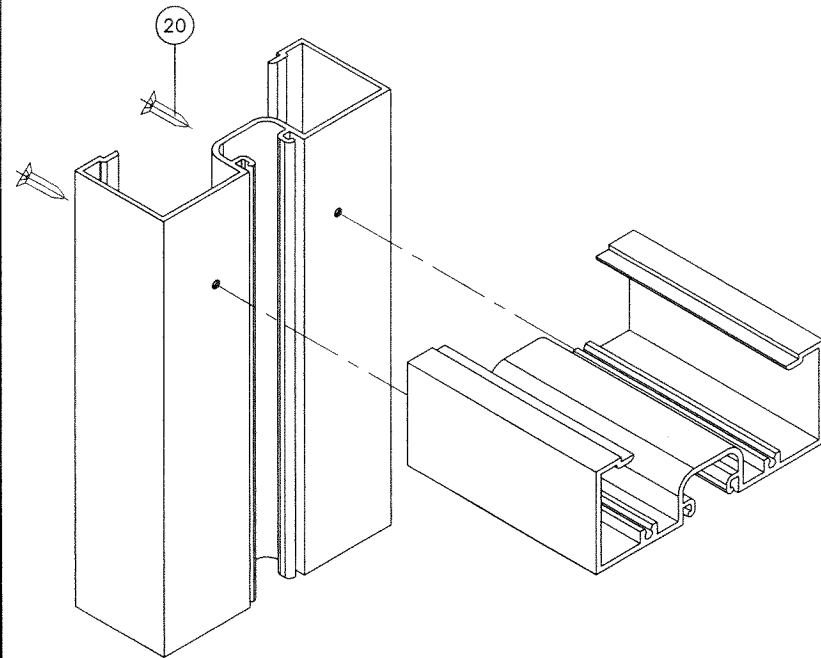
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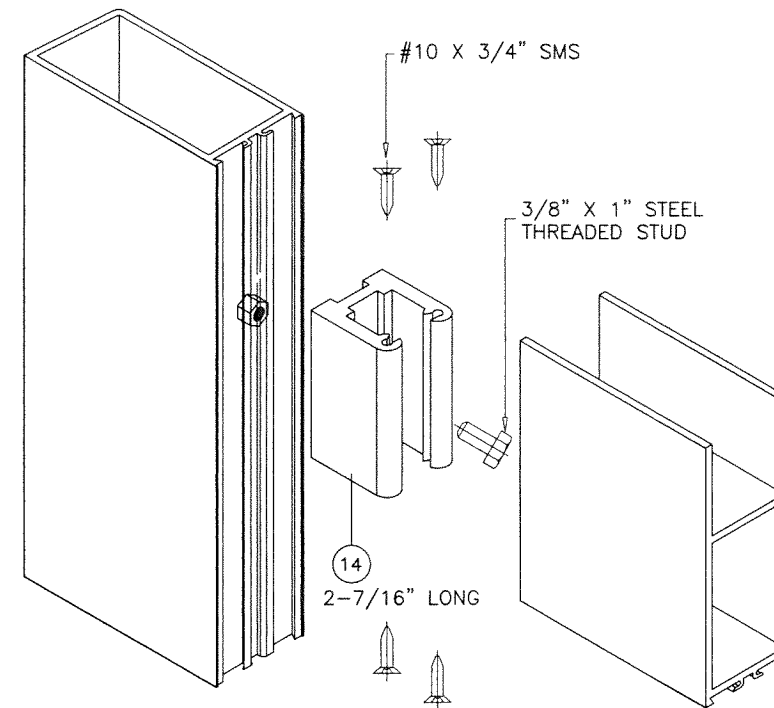
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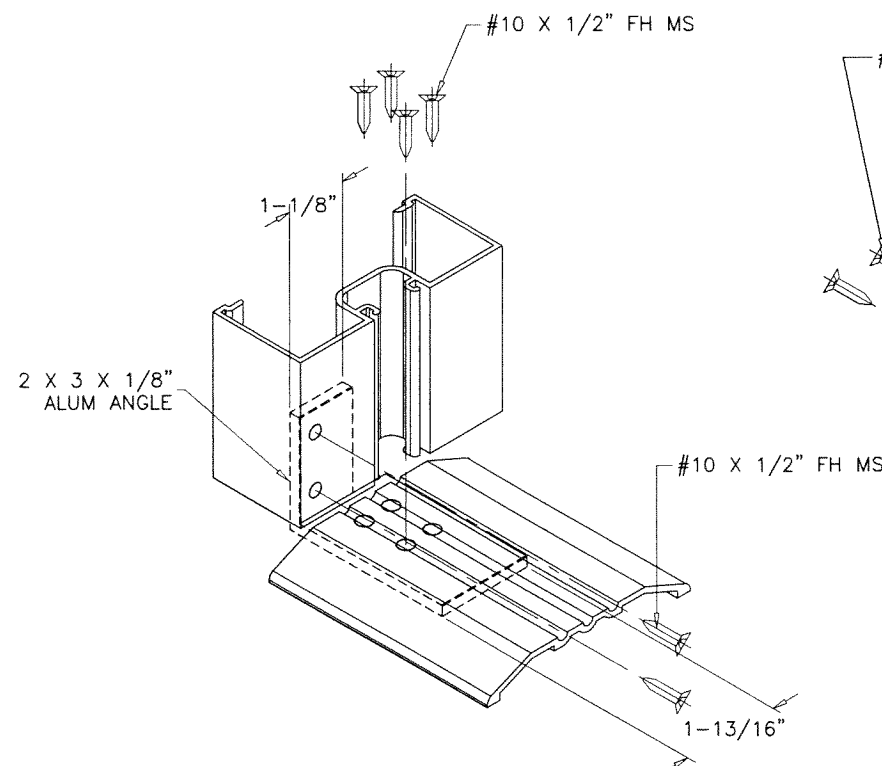
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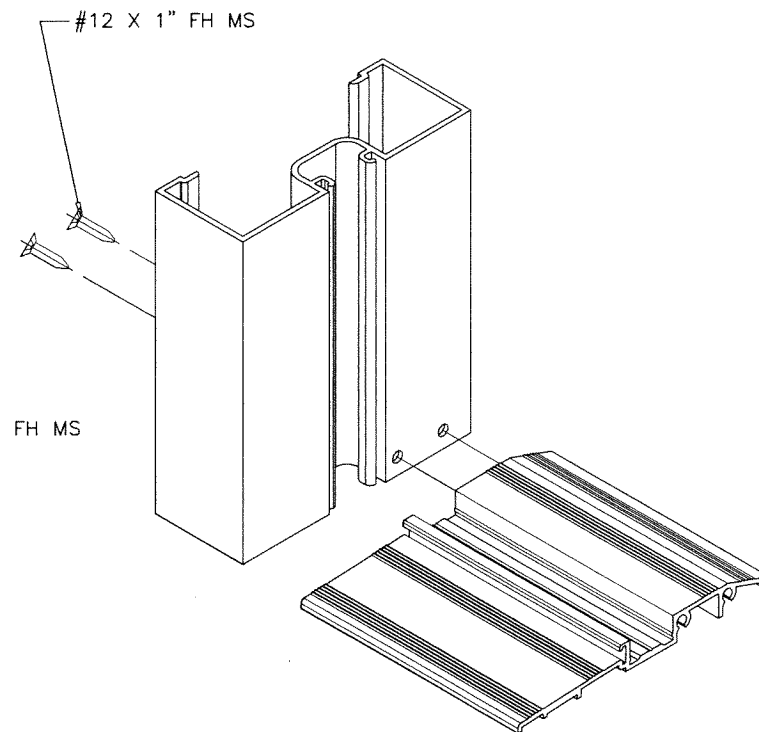
FRAME UPPER CORNER



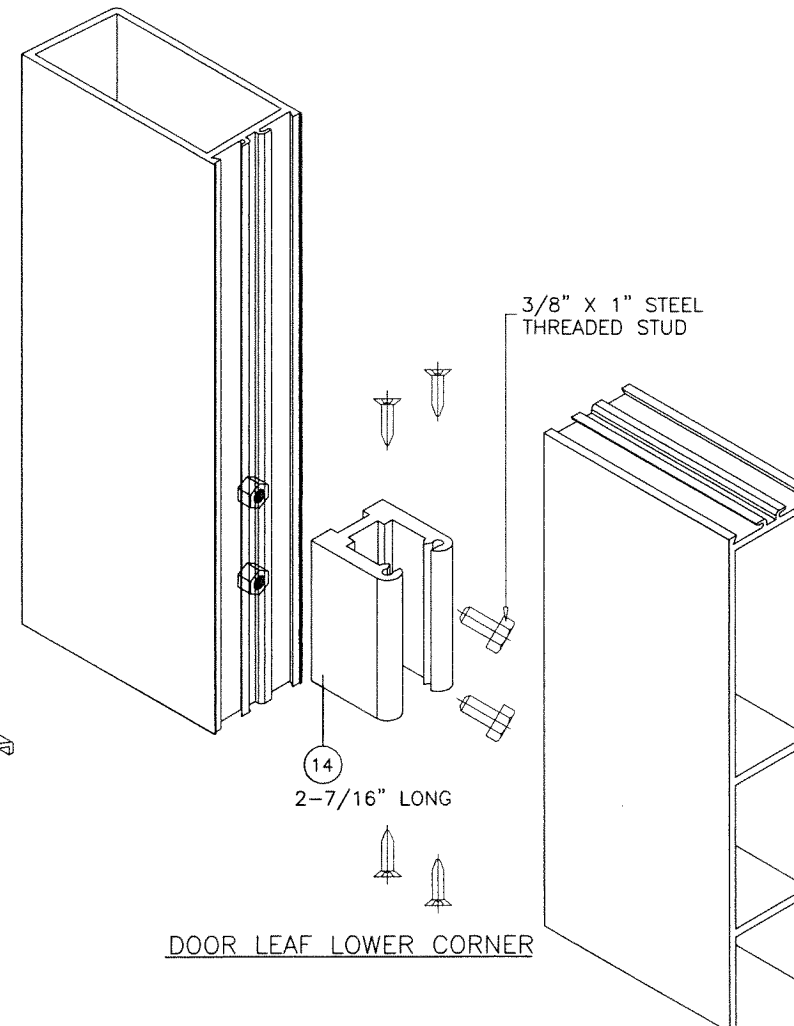
DOOR LEAF UPPER CORNER



SADDLE THRESHOLD CORNER



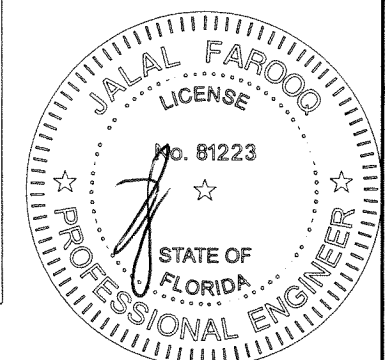
ADA THRESHOLD CORNER



DOOR LEAF LOWER CORNER

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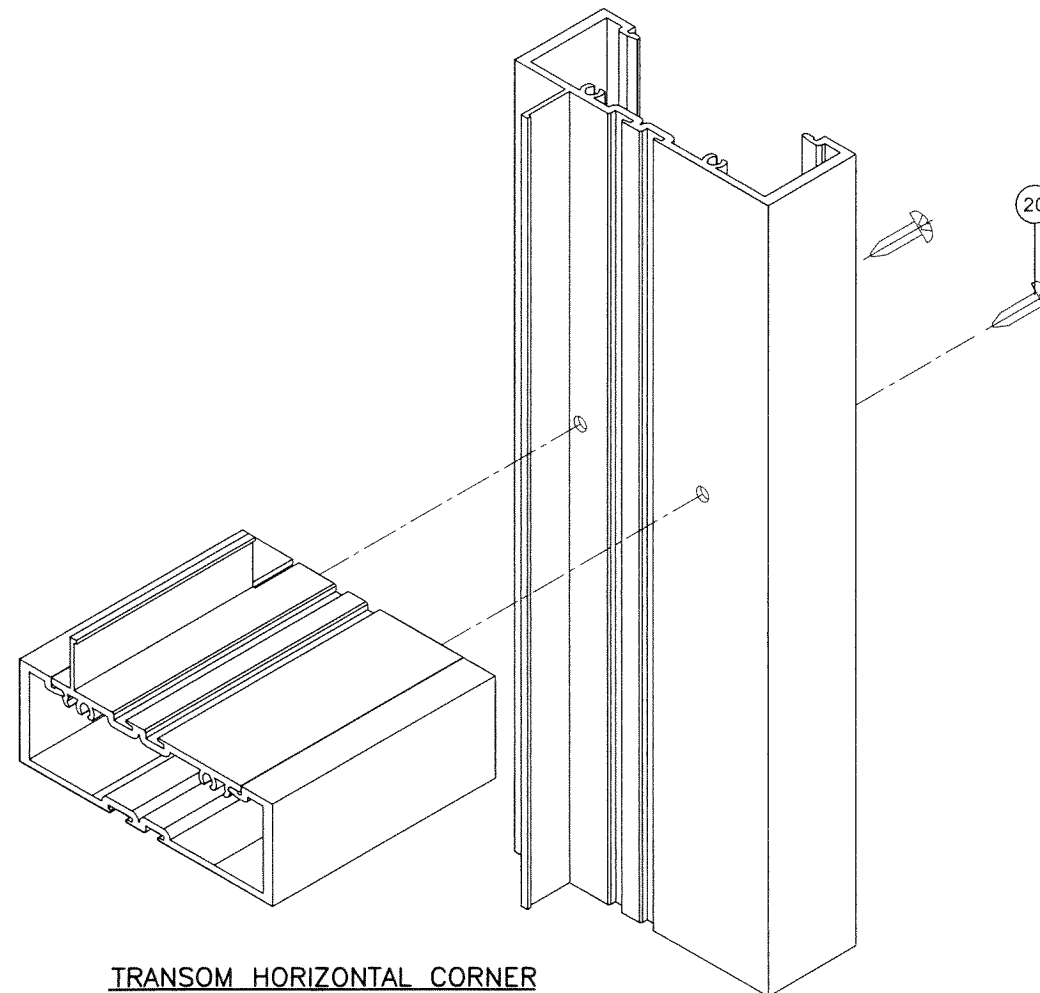
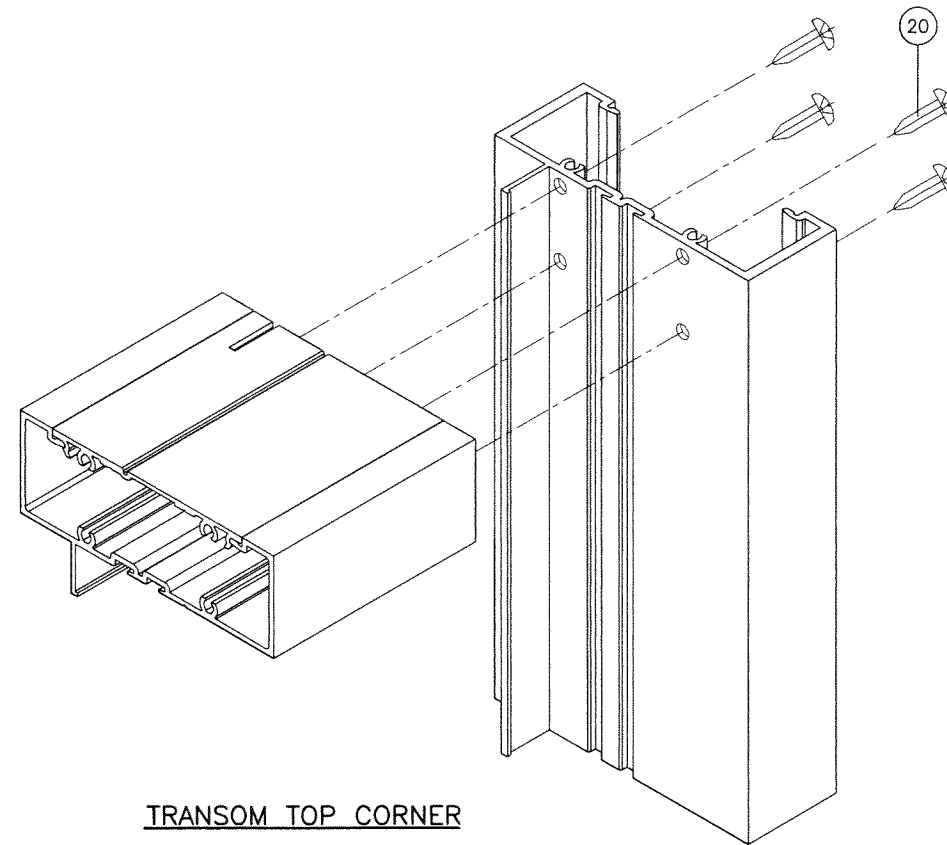
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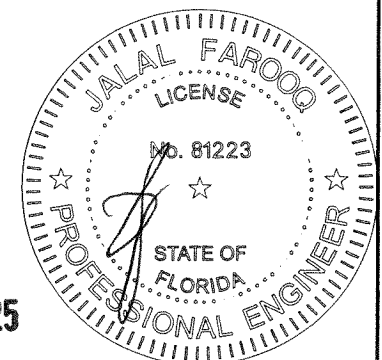
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