



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**TM Window and Door
601 NW 12th Ave.
Pompano Beach, FL 33069**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Model "350" Light Duty Series 310 Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. **W02-108**, titled Model "350" Light Duty Series 310 Aluminum Sliding Glass Door, sheets 1 through 4 of 4, prepared by manufacturer, dated 11/11/02, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime M. Eisen, P.E.**



**NOA No 02-1205.08
Expiration Date: January 23, 2008
Approval Date: January 23, 2003
Page 1**

TM Window and Door

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-108**, titled Model "350" Light Duty Series 310 Aluminum Sliding Glass Door, sheets 1 through 4 of 4, prepared by manufacturer, dated 11/11/02, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

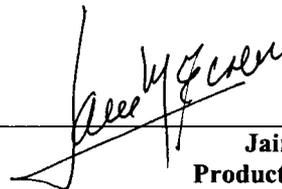
1. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 5) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report Lab. No. 3360, dated 4/24, 2002, signed and sealed by Luis Antonio Figueredo. Engineer signing and sealing report

C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 11/11/02, prepared, signed and sealed by Humayoun Farooq, P.E.

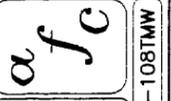
D. STATEMENTS

1. Laboratory compliance letter signed and sealed by Luis Antonio Figueredo, P.E., on 7/8/02
2. Statement letter of no financial interest, dated 10/09/02, signed and sealed by Humayoun Farooq, P.E.



**Jaime M. Eisen, P.E.
Product Control Division
NOA No 02-1205.08**

**Expiration Date: January 23, 2008
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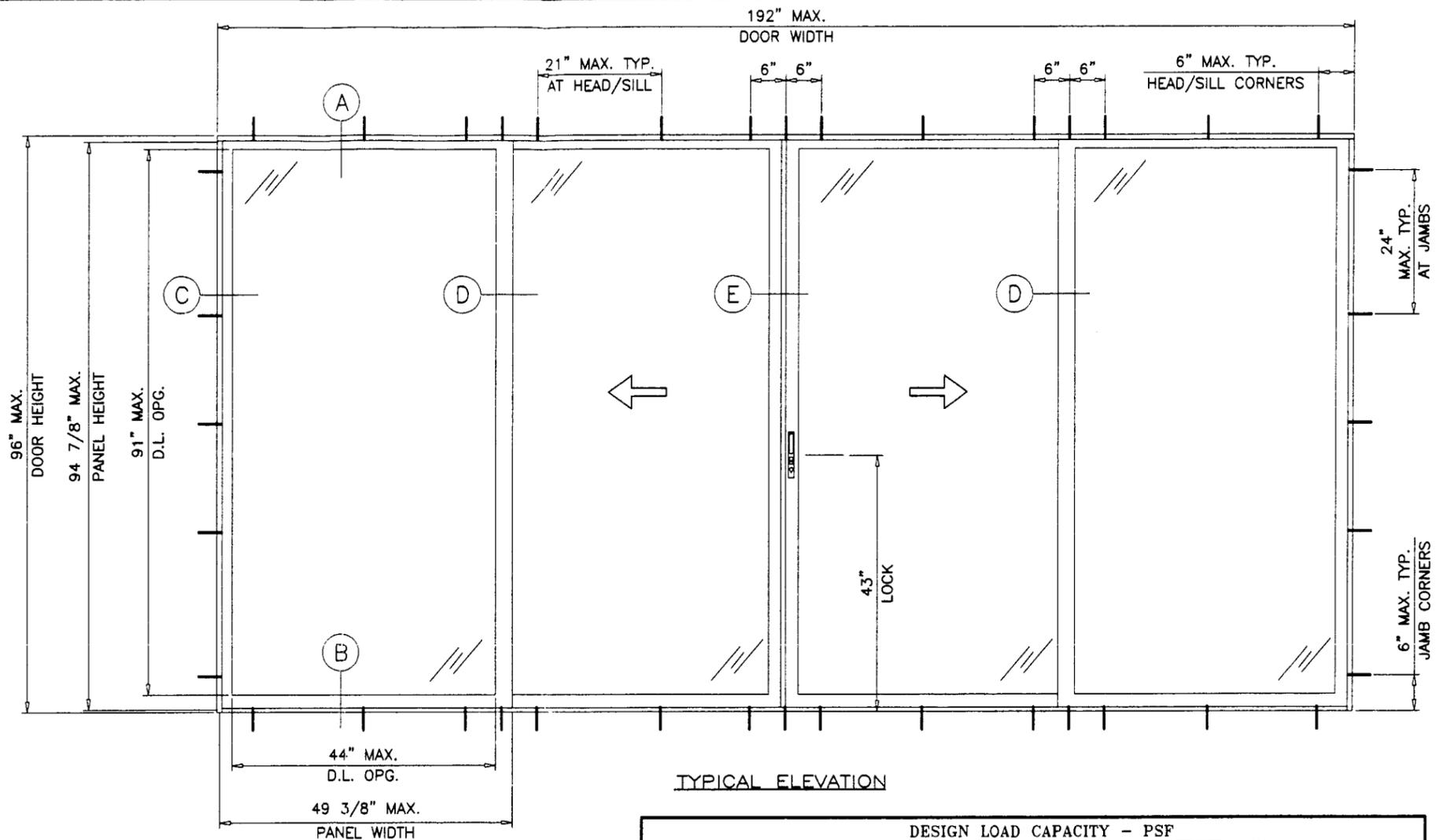
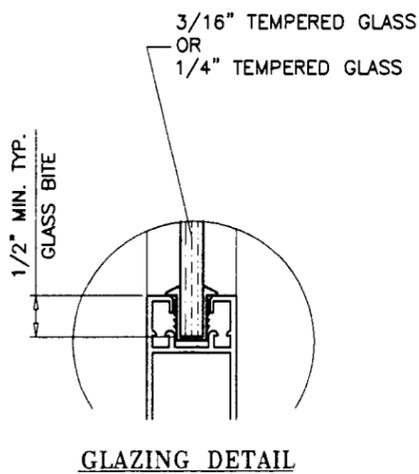
AL-FAROQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W02-108TAW

MODEL 350 LIGHT DUTY SERIES 310 ALUM. S.G.D.
TM WINDOW AND DOOR
 601 N.W. 12TH AVE.
 POMPANO BEACH, FL. 33069
 TEL. (954) 781-4430 FAX. (954) 781-5078

no.	date	by	description

date: 11-01-02
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W02-108
 sheet 1 of 4



**MODEL 350 LIGHT DUTY SERIES 310
 ALUMINUM SLIDING GLASS DOOR**

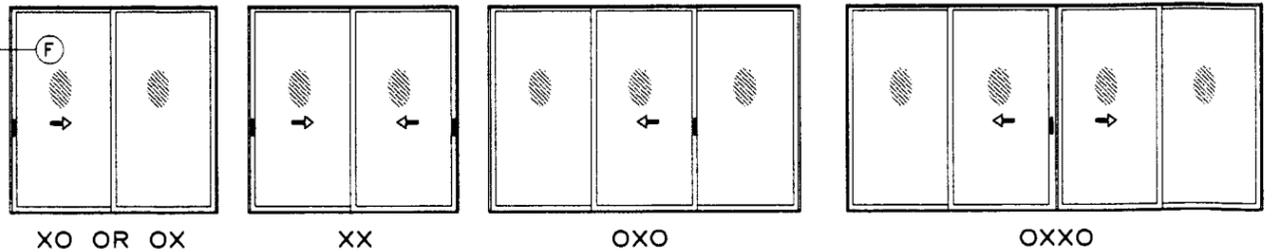
DOORS NOT RATED FOR IMPACT AND REQUIRE PROTECTION BY MIAMI-DADE COUNTY APPROVED SHUTTERS.
 DESIGN LOAD RATING FOR THESE DOORS TO BE AS PER CHARTS SHOWN.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE.
 ALSO FOR WIND LOADS AS PER ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING BUILDING CODE.

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.



APPROVED CONFIGURATIONS

THIS ALSO APPROVES DOORS WITH MORE THAN 4 PANELS THAT CONTAIN THE STILE COMBINATIONS SHOWN IN THESE DETAILS.

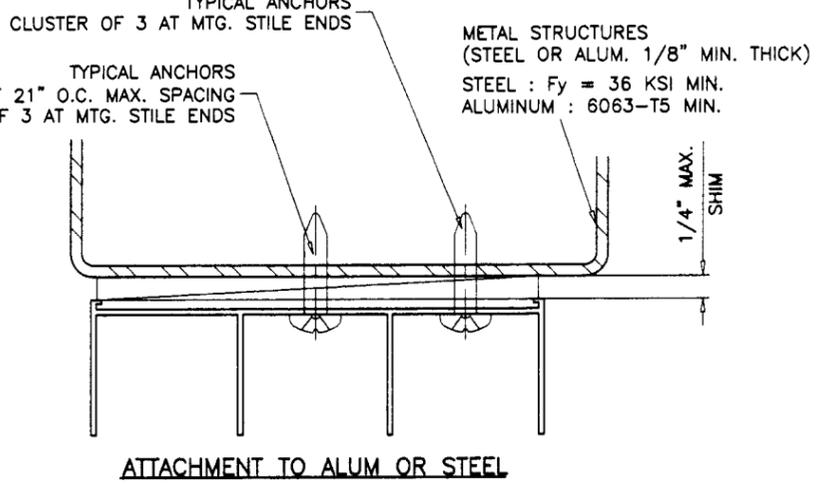
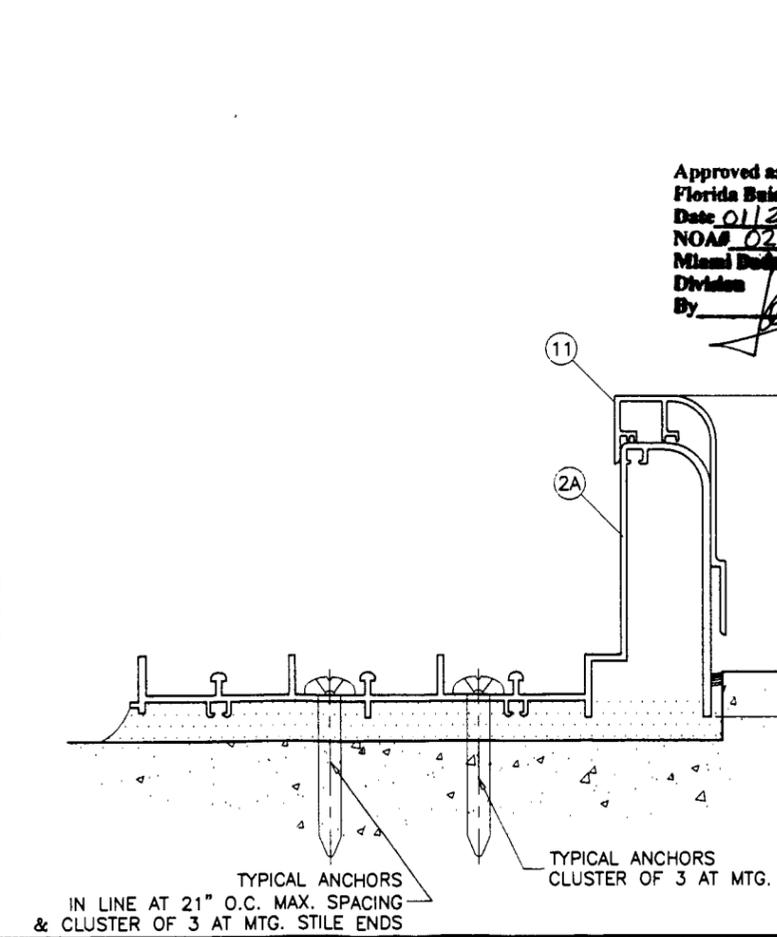
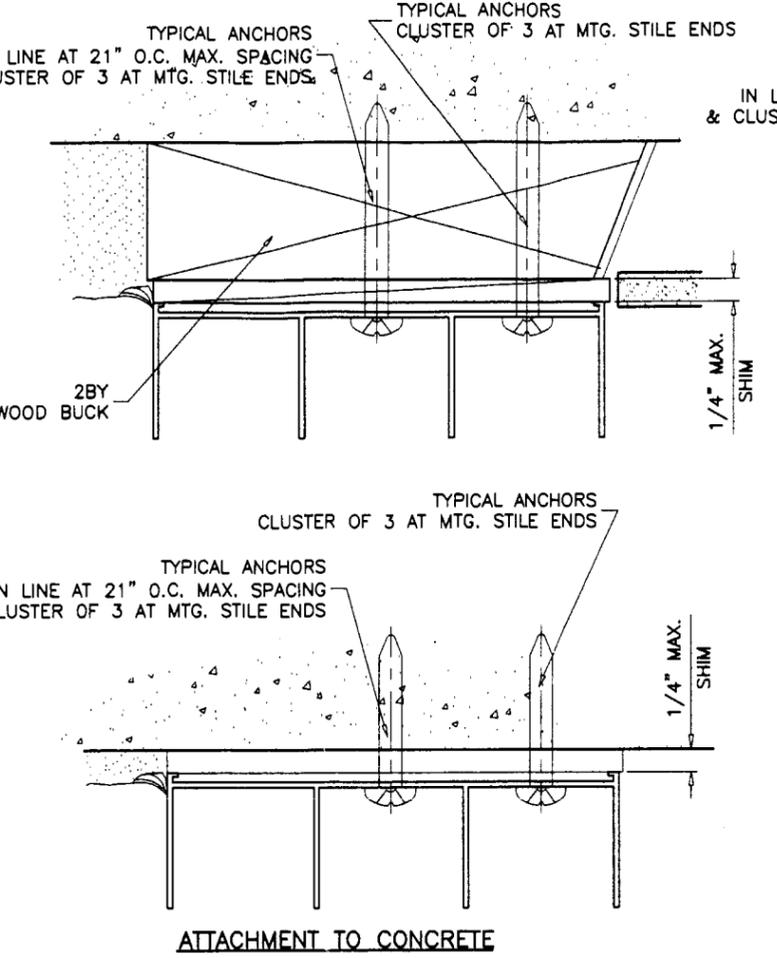
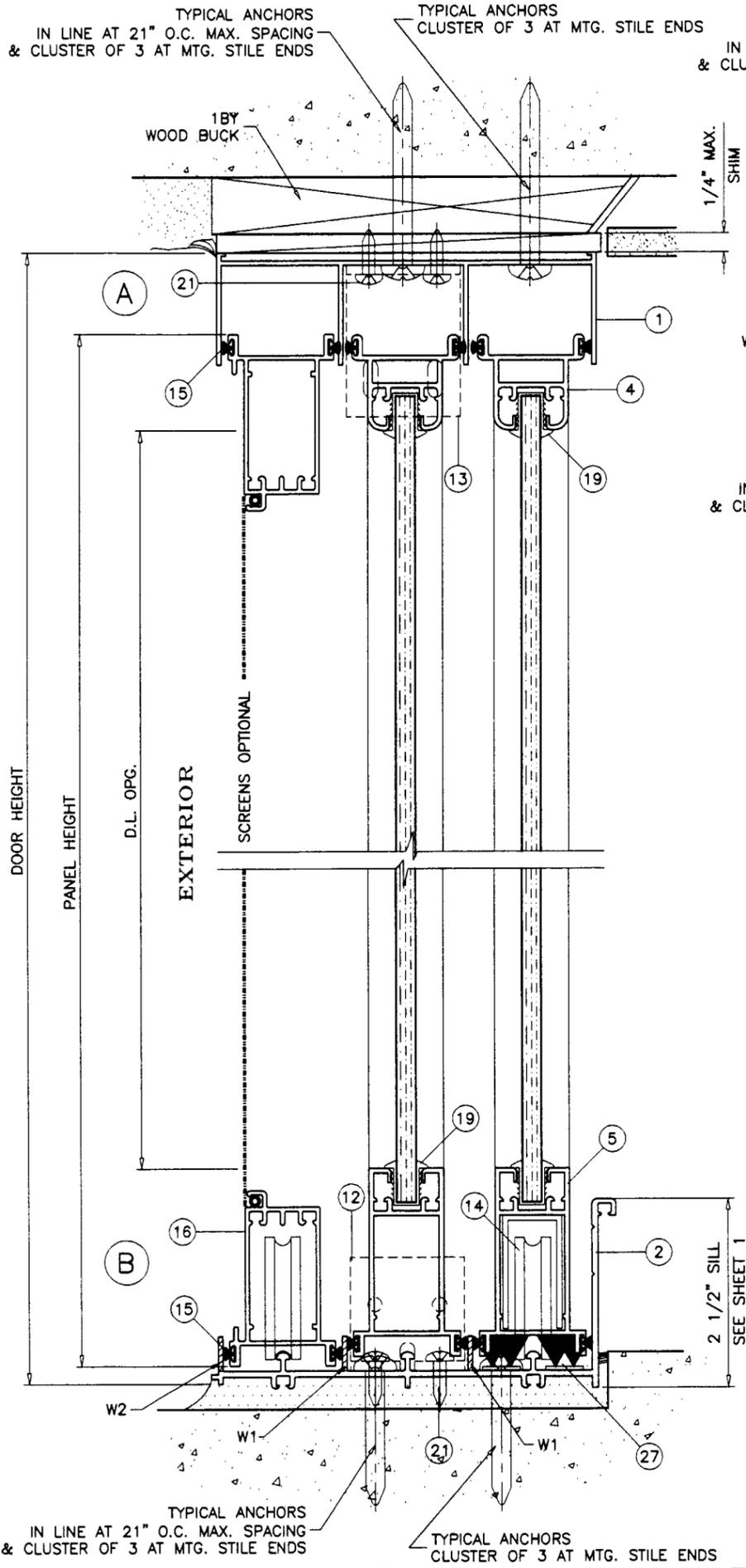
TYPICAL ELEVATION

PANEL WIDTH NOMINAL FT./IN.		DOOR HEIGHT FT./IN.		DESIGN LOAD CAPACITY - PSF							
				2-1/2" SILL HEIGHT				3-1/2" SILL HEIGHT			
				3/16" TEMP. GLASS		1/4" TEMP. GLASS		3/16" TEMP. GLASS		1/4" TEMP. GLASS	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)		
2/0	6/8	53.3	59.3	53.3	127.1	59.3	59.3	75.3	127.1		
		49.6	49.6	53.3	106.3	49.6	49.6	75.3	106.3		
		43.4	43.4	53.3	92.9	43.4	43.4	75.3	92.9		
		39.1	39.1	53.3	83.7	39.1	39.1	75.3	83.7		
		36.0	36.0	53.3	77.1	36.0	36.0	75.3	77.1		
		33.8	33.8	53.3	72.5	33.8	33.8	72.5	72.5		
		33.0	33.0	53.3	70.6	33.0	33.0	70.6	70.6		
2/0	8/0	48.0	48.0	53.3	102.9	48.0	48.0	75.3	102.9		
		39.8	39.8	53.3	85.3	39.8	39.8	75.3	85.3		
		34.5	34.5	53.3	73.8	34.5	34.5	73.8	73.8		
		30.7	30.7	53.3	65.8	30.7	30.7	65.8	65.8		
		28.0	28.0	53.3	60.0	28.0	28.0	60.0	60.0		

DOORS WITH 1/4" TEMP. GLASS WITH STEEL REINFORCING IN EXT. INTERLOCK & FEMALE ASTRAGAL.
 DOORS WITH 3/16" TEMP. GLASS WITHOUT REINFORCING.

Approved as complying with the Florida Building Code
 Date 01/23/03
 NOAH 02-1205-08
 Miami Dade Product Control Division
 By: *[Signature]*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 NOV 11 2002



WOOD BUCKS NOT BY TM WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV./CHART FOR SPACING
1/4" TAPCONS
 THRU 2BY WOOD BUCKS INTO MASONRY OR CONC. 1-3/4" MIN. TOTAL EMBED (WOOD + MASONRY)
 THRU 1BY WOOD BUCKS INTO MASONRY OR CONC. 1-1/4" MIN. EMBED INTO MASONRY OR CONC.
 DIRECTLY INTO CONCRETE OR MASONRY 1-1/4" MIN. EMBED INTO CONCRETE OR MASONRY
1/4" DRILLFLEX SELF DRILLING SCREWS
 INTO METAL STRUCTURES (1/8" MIN. THICKNESS)

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 Miami Building Product Control
 Division
 By *[Signature]*

#14 SMS
 INTO APPROVED MULLIONS (NO SHIM SPACE)

SEALANTS:
 PANEL CORNERS SEALED WITH SEALANT.
 FRAME CORNERS, INSTALLATION SCREWS SEALED WITH SILICONE.

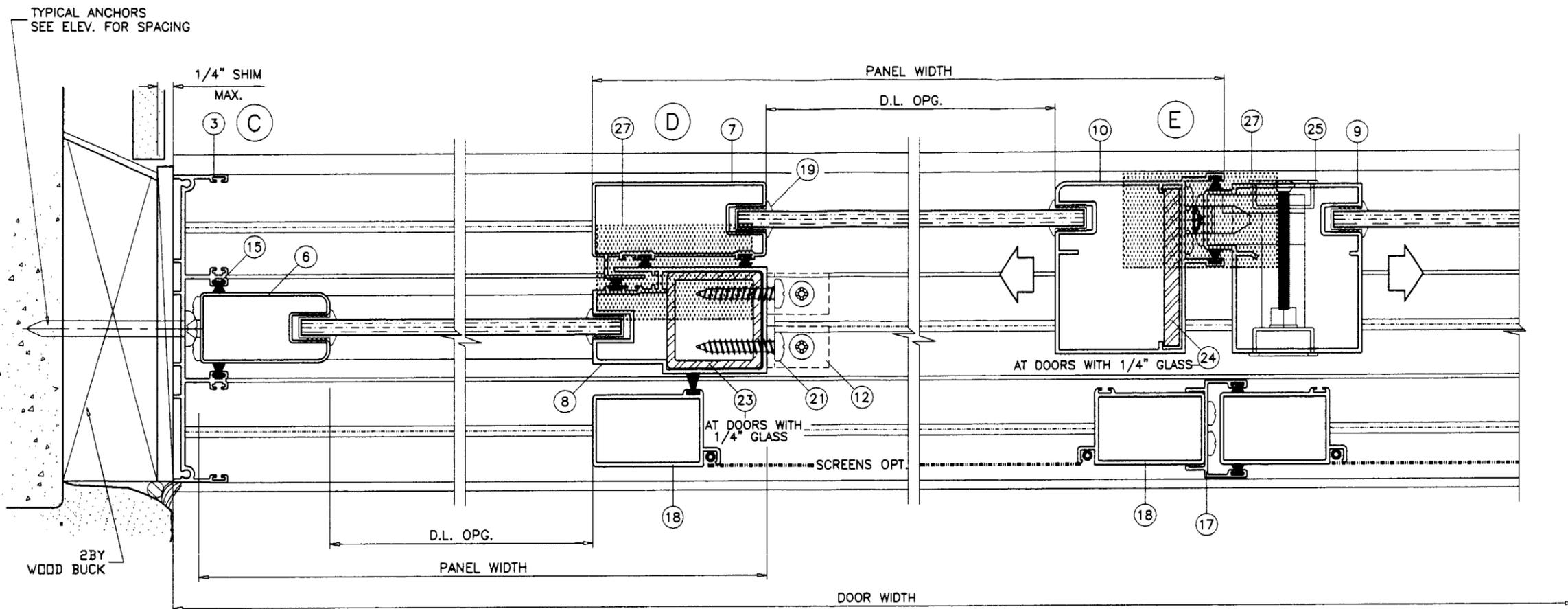
WEEPHOLES:
 W1 = (6) 1/2" WEEP NOTCH
 ONE AT EACH END OF EACH PANEL
 W2 = (6) 1" WEEP NOTCH
 ONE AT EACH END OF EACH PANEL

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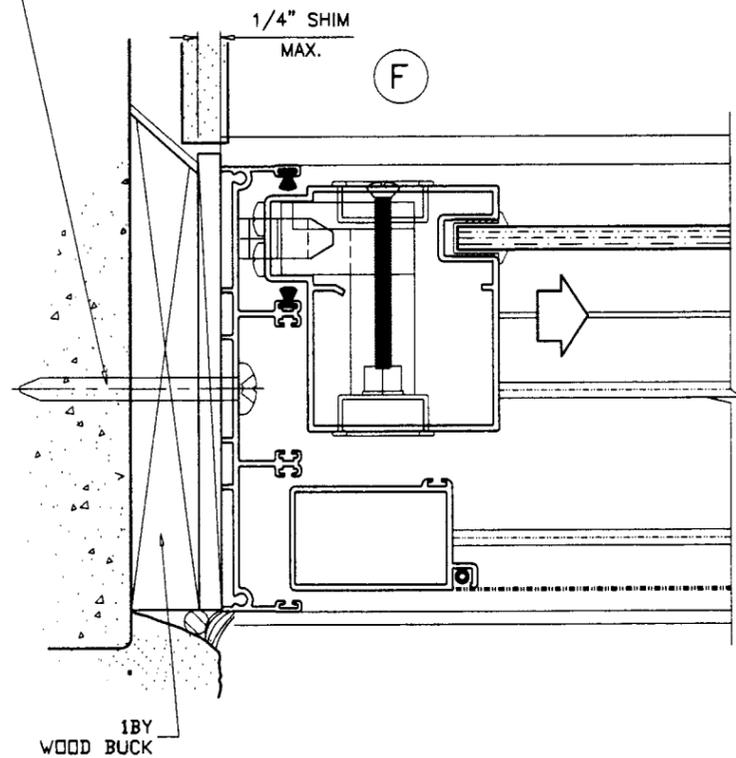
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revisions:	no	date	description
date:	11-01-02		
scale:	1/2" = 1"		
dr. by:	HAMID		
chk. by:			
drawing no.	W02-108		
sheet	2 of 4		



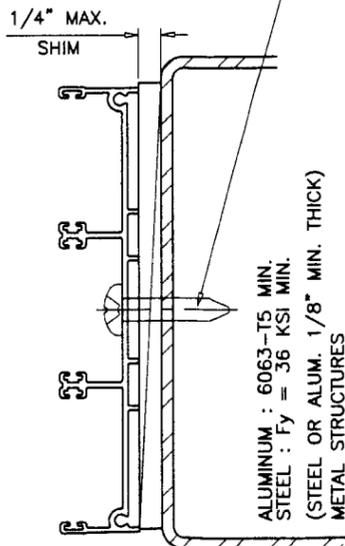
2BY WOOD BUCK

TYPICAL ANCHORS
SEE ELEV. FOR SPACING



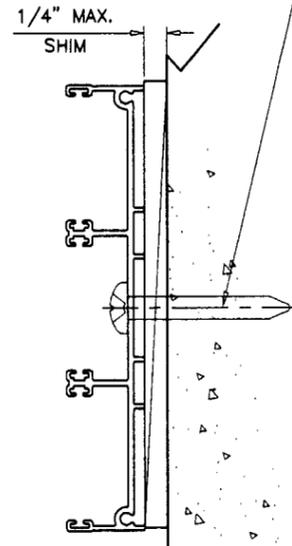
1BY WOOD BUCK

TYPICAL ANCHORS
SEE ELEV. FOR SPACING



ATTACHMENT TO METAL STRUCTURES
STEEL OR ALUMINUM

TYPICAL ANCHORS
SEE ELEV. FOR SPACING



ATTACHMENT TO CONCRETE
OR CONC. BLOCK

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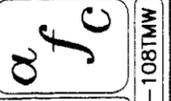
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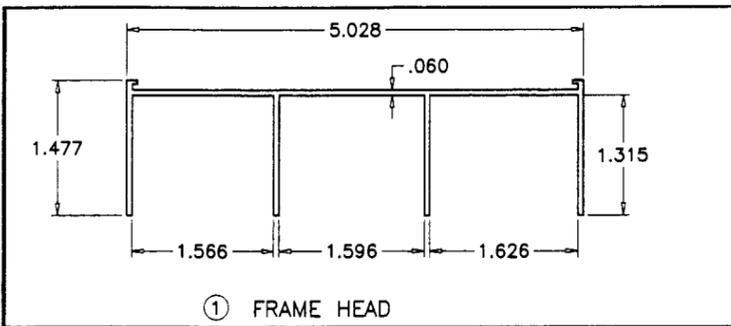
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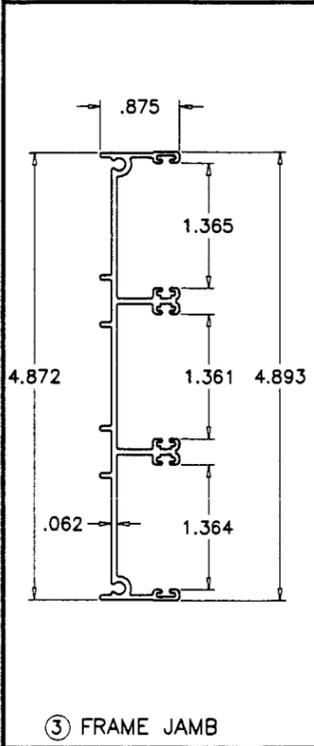
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sheet 3 of 4



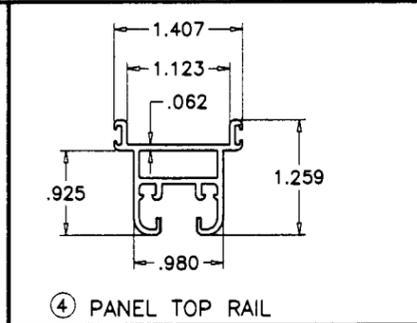
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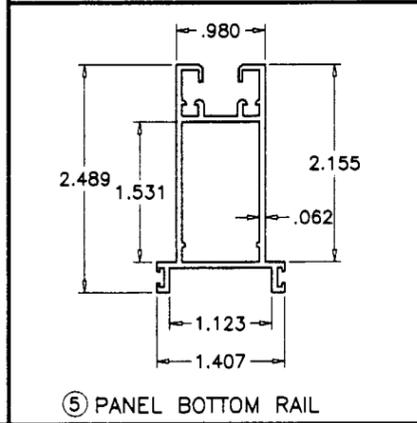
① FRAME HEAD



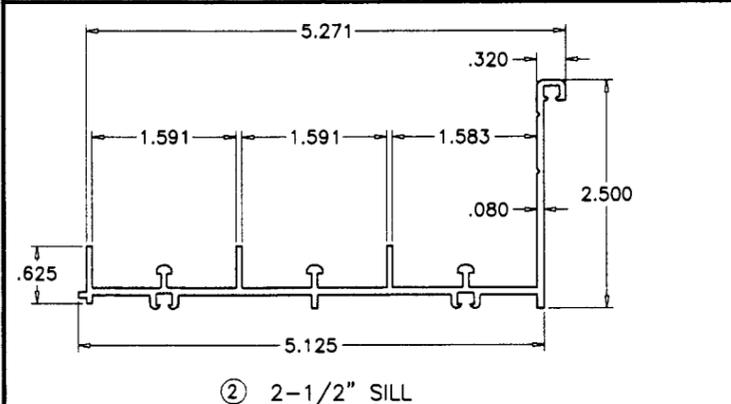
③ FRAME JAMB



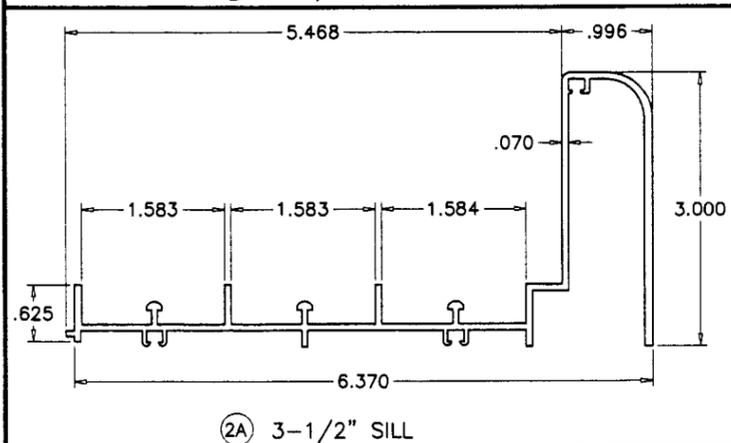
④ PANEL TOP RAIL



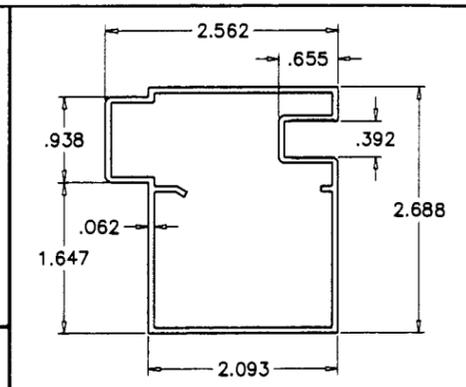
⑤ PANEL BOTTOM RAIL



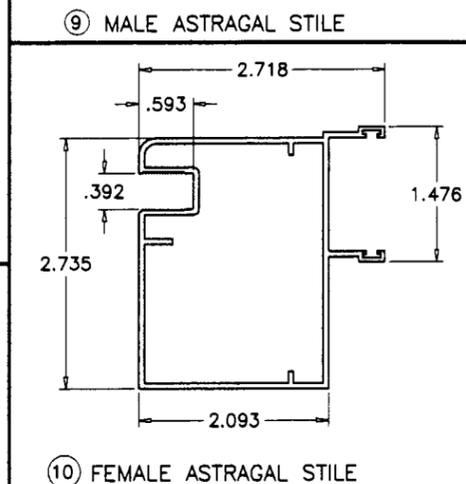
② 2-1/2" SILL



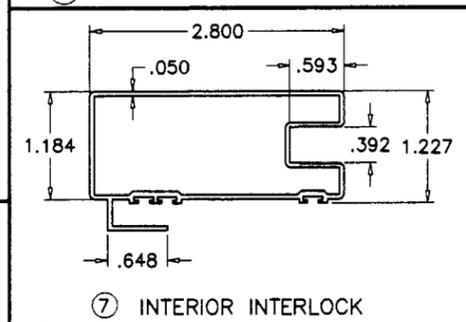
②A 3-1/2" SILL



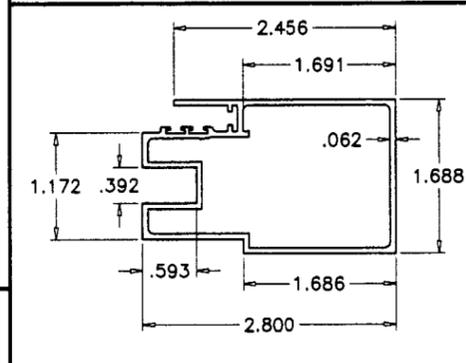
⑨ MALE ASTRAGAL STILE



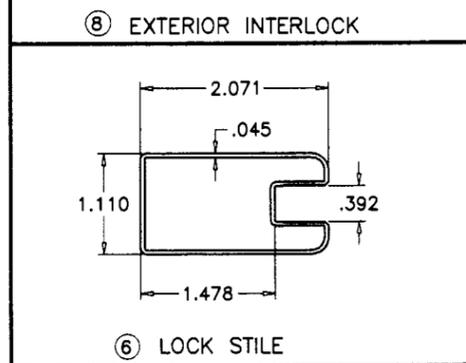
⑩ FEMALE ASTRAGAL STILE



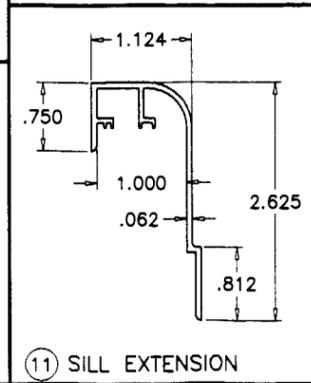
⑦ INTERIOR INTERLOCK



⑧ EXTERIOR INTERLOCK

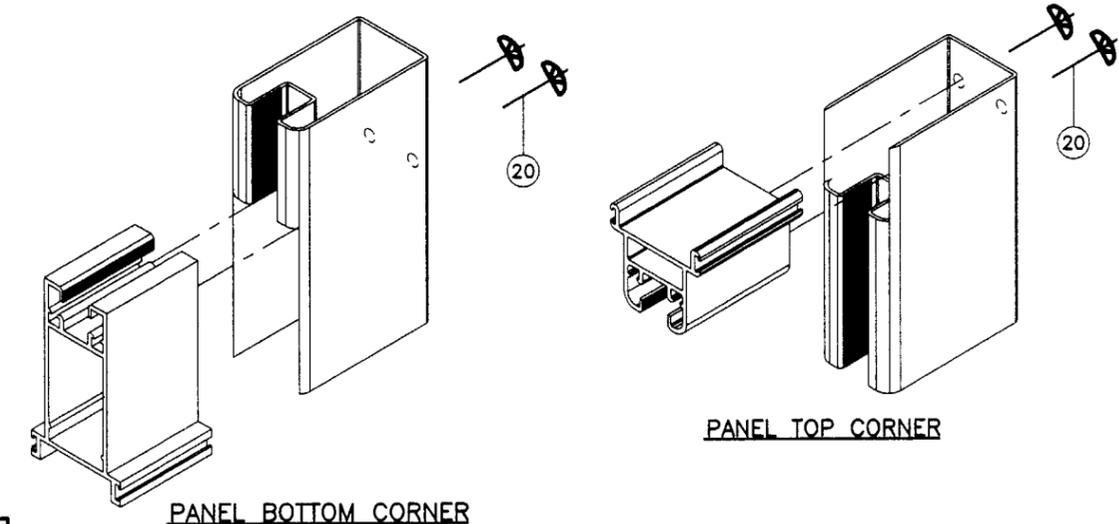


⑥ LOCK STILE



⑪ SILL EXTENSION

ITEM	PART No.	QUANTITY	DESCRIPTION	MATERIAL	LOCATION
1	GW27509	1	FRAME HEAD (THREE TRACKS)	6063-T5	DOOR FRAME
2	GW37809	1	2 1/2" SILL (THREE TRACKS)	6063-T5	DOOR FRAME
2A	GW37557	1	3-1/2" SILL (THREE TRACKS)	6063-T5	DOOR FRAME
3	GW31172	2	FRAME JAMB (THREE TRACKS)	6063-T5	DOOR FRAME
4	GW36027A	1/	PANEL TOP RAIL	6063-T5	DOOR FRAME
5	GW36707	1/	PANEL BOTTOM RAIL	6063-T5	PANEL BOTTOM
6	GW34975	AS REQD.	LOCK STILE	6063-T5	AT EACH FIXED PANEL
7	GW36984	AS REQD.	INTERIOR INTERLOCK	6063-T5	AT MOVING PANELS
8	GW35005	AS REQD.	EXTERIOR INTERLOCK	6063-T5	AT FIXED PANELS
9	GW32720	AS REQD.	MALE STILE	6063-T5	MOVING PANEL/ASTRAGAL
10	GW32721	AS REQD.	FEMALE STILE	6063-T5	MOVING PANEL/ASTRAGAL
11	GW37676	1	1/2" SILL EXTENSION	6063-T6	DOOR FRAME
12	-	2	1 x 1 1/2 x 1 1/2 x 1/8" BOTTOM CLIP	ALUM.	SILL FIXED PANEL
13	-	2	1 x 2 x 1 1/2 x 1/8" TOP CLIP	ALUM.	HEAD FIXED PANEL
14	TM36205-NY	2/MOV. PANEL	TM TANDEM ROLLER ASSEMBLY - NYLON	ALUM/NYLON	PANEL BOTTOM STILE
15	4020	AS REQD.	"ULTRAFAB" POLYPROPYLENE-FIN SEAL	WOOL	AS REQUIRED
16	SW36683	4	SCREEN FRAME TOP/BOTTOM STILE	6063-T5	SCREEN FRAME
17	GW36401	1	SCREEN FEMALE ADAPTER	6063-T5	SCREEN SIDE STILE
18	GW36684	4	SCREEN FRAME SIDE STILE	6063-T5	SCREEN FRAME
19	WV-1051	AS REQD.	MARINE GLAZING CHANNEL	VINYL	PERIMETER OF PANEL
20	-	8 PER PANEL	#10 x 1" PH. SMS. - PANEL ASSY. SCREW	STEEL	PANEL CORNERS
21	-	2/ SIDE	#10 x 1" PH SMS - CLIP SCREWS	STEEL	-
22	-	2 (1/LATCH)	#10 x 2" LG. OH. MS. - LATCH ASSY. SCREW	STEEL	LATCH ASSY.
23	-	AS REQD.	1-1/2" X 3/16" THK. SQ. TUBE (FULL LENGTH)	STEEL	AT DOORS WITH 1/4" GLASS
24	-	AS REQD.	2-1/2" X 1/4" THK. REINF. BAR (FULL LENGTH)	STEEL	AT DOORS WITH 1/4" GLASS
25	TM-32476	1	TM DOOR LATCH ASSEMBLY	ALUM.	MALE ASTRAGAL
26	KPR-34424	1	TM DOOR KEEPER	ALUM.	FEMALE ASTRAGAL
27	-	2 (1 TOP-1 BOT)	"ULTRAFAB" 2 1/2" x 1/2" SELF ADHESIVE PAD	WOOL	ASTRAGAL



PANEL BOTTOM CORNER

PANEL TOP CORNER

Engr. DR. HUMAYOUN FAROOQ
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