



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) 375-2902 FAX (305) 372-6339

**NOTICE OF ACCEPTANCE (NOA)**

[www.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)

Sunshine Windows Manufacturing, Inc.  
1745 W. 33<sup>rd</sup> Place  
Hialeah, FL 33012

**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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "SWMI 9000" 9'0" A/E Outswing Glazed French Door – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W08-91**, titled "Series – 9000 Alum. Outswing French Door (L.M.I.)", sheets 1 through 10 of 10, dated 11/11/08, prepared by Al-Farooq Corporation, dated 03/18/09, signed and sealed by Dr. 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: Large and Small Missile Impact Resistant**

**LIMITATIONS:**

**The Single Door with Transom is limited to Maximum Design Pressure DP = ± 90 PSF.**

**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 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*J. Gascon  
6/11/09*

**NOA No. 09-0413.09**  
**Expiration Date: October 30, 2013**  
**Approval Date: July 01, 2009**  
**Page 1**

Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (TRANSFERRED FROM FILE NO. 08-0813.04).
2. Drawing No **W08-91**, titled "Series - 9000 Alum. Outswing French Door (L.M.I.)", sheets 1 through 10 of 10, dated 11/11/08, prepared by Al-Farooq Corporation, dated 03/18/09, signed and sealed by Humayoun Farooq, P. E.

**B. TESTS (TRANSFERRED FROM FILE NO. 08-0813.04)**

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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of an Alum. Outswing Entrance Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5554**, dated 05/10/08, signed and sealed by Carlos S. Rionda, P.E.

2. Test reports on:
  - 1) Uniform Static Air Pressure Test,
  - 2) Large Missile Impact Test per FBC, TAS 201-94
  - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of an Alum. Outswing Entrance Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5556**, dated 04/27/08, signed and sealed by Carlos S. Rionda, P.E.

**C. CALCULATIONS (TRANSFERRED FROM FILE NO. 08-0813.04)**

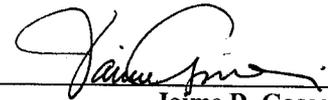
1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 06/09/2008, with the latest revision dated 09/15/2008, signed and sealed by Dr. Humayoun Farooq, P. E.  
**Complies with ASTM E1300-02/ 04**

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.
2. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No. 09-0413.09

Expiration Date: October 30, 2013

Approval Date: July 01, 2009

**Sunshine Windows Manufacturing, Inc.**

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**F. STATEMENTS (TRANSFERRED FROM FILE NO. 08-0813.04)**

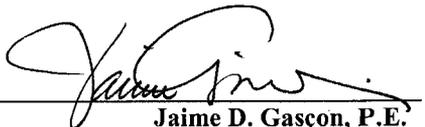
1. Statement letter of conformance, dated June 09, 2008, signed and sealed by Dr. Humayoun Farooq, P. E.
2. Statement letter of no financial interest, dated June 09, 2008, signed and sealed by Dr. Humayoun Farooq, P. E.
3. Laboratory compliance letter for Test Report No. **FTL-5554** and **FTL-5556**, issued by Fenestration Testing Laboratory, Inc., dated April 27, 2008 and May 10, 2008, signed and sealed by Carlos S. Rionda, P. E.
4. Private Labeling Agreement document in conformance to BCCO guidelines dated 04/09/09 signed by Jose Nunez.

**G. OTHERS**

1. None.

**H. LIMITATIONS:**

1. **The Single Door with Transom is limited to Maximum Design Pressure DP =  $\pm$  90 PSF.**



**Jaime D. Gascon, P.E.**  
**Chief, Product Control Division**  
**NOA No. 09-0413.09**  
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THESE DOORS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

**SERIES 9000  
ALUMINUM OUTSWING ENTRANCE DOOR**

SEE CHARTS ON THIS SHEET FOR DESIGN LOAD CAPACITY OF SINGLE DOORS WITH OR WITHOUT TRANSOMS.

SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DOUBLE DOORS WITH OR WITHOUT TRANSOMS.

DOORS CAN ALSO BE USED WITH SERIES 8000 OR SERIES 9500 STOREFRONT SYSTEM.  
FOR DOORS WITH STOREFRONT SYSTEM SEE SEPARATE NOA FOR DOOR MULLION CAPACITY.

THE LOWEST VALUE RESULTING FROM DOOR CAPACITY CHARTS OR STOREFRONT 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 FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

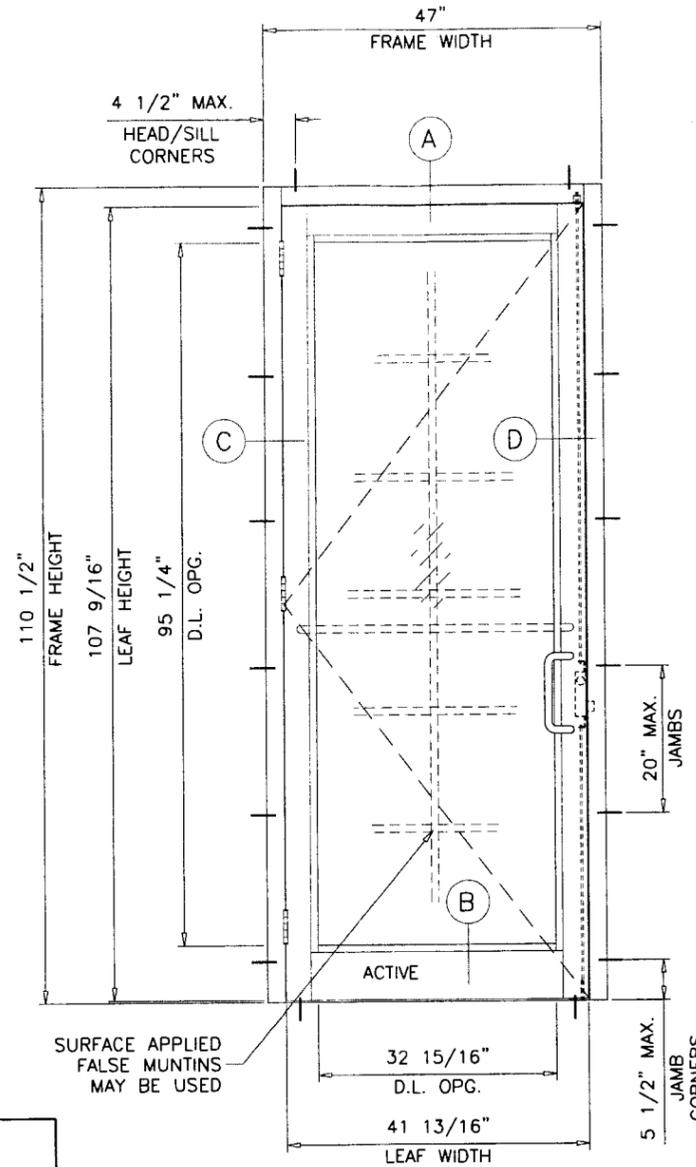
1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE AND REVIEWED BY AUTHORITY HAVING JURISDICTION.

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

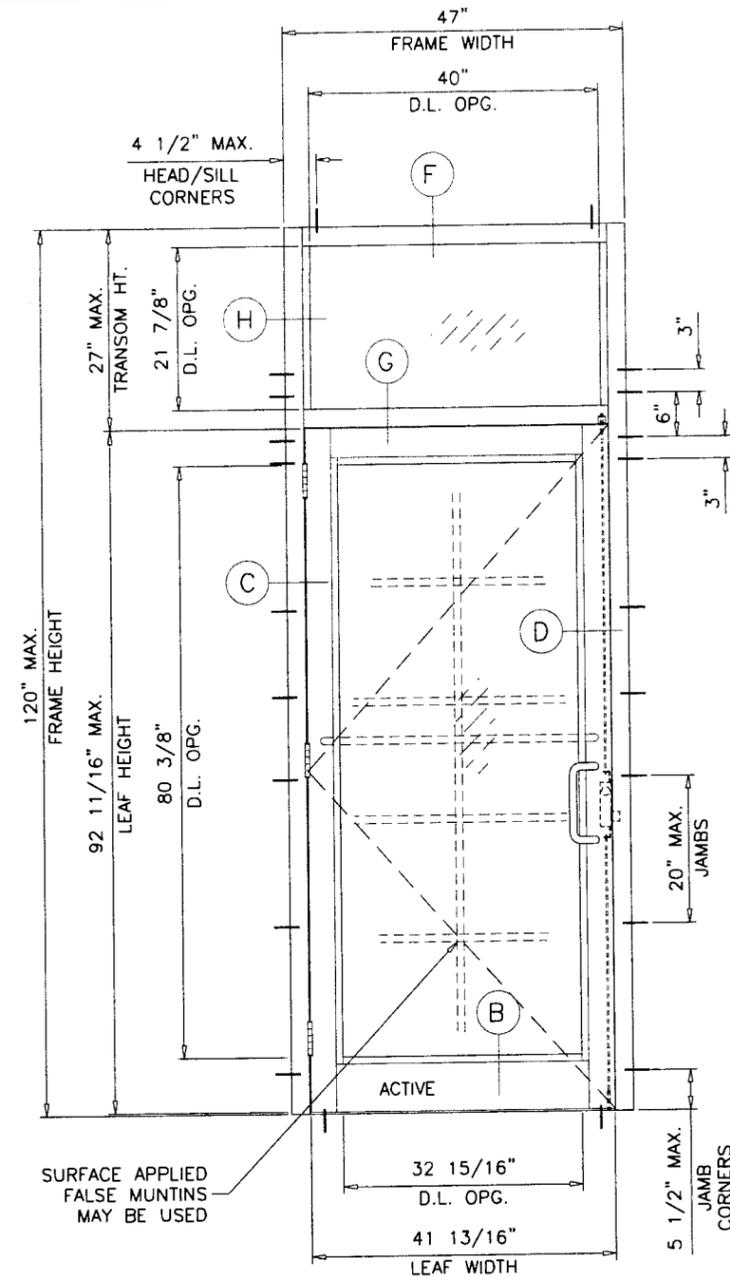
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATION  
(X)



TYPICAL ELEVATION  
(O/X)

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

TABLE #1 DOORS LOAD CAPACITY - PSF								
SINGLE DOORS WITHOUT TRANSOM (X) OR WITH TRANSOM (O/X)								
DOOR DIMS.		GLASS		LOCKS			HINGES	
		TYPE 'A'	TYPE 'B'	OPTION #1	OPTION #2	OPTION #3	OPTION #1	OPTION #2
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)						
47"	98-1/2"	80.0	120.0	80.0	90.0	120.0	80.0	120.0
47"	110-1/2"	80.0	120.0	80.0	90.0	120.0	80.0	120.0

SEE SHEET 2 FOR GLASS TYPES DESCRIPTION  
SEE SHEET 9 FOR LOCKS AND HINGES DESCRIPTION

TABLE #2 ANCHORS LOAD CAPACITY - PSF												
SINGLE DOORS WITHOUT TRANSOM (X) OR WITH TRANSOM (O/X)												
DOOR DIMS.		1/4" SHIM SPACE						1/2" SHIM SPACE				
		ANCHOR TYPE 'A'	ANCHOR TYPE 'AA'	ANCHOR TYPE 'B'	ANCHOR TYPE 'BB'	ANCHOR TYPE 'C'	ANCHOR TYPE 'D'	ANCHOR TYPE 'A'	ANCHOR TYPE 'AA'	ANCHOR TYPE 'B'	ANCHOR TYPE 'BB'	ANCHOR TYPE 'C'
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)										
40"	110-1/2"	104.0	120.0	120.0	120.0	120.0	120.0	88.0	88.0	120.0	120.0	120.0
47"	110-1/2"	89.0	89.0	108.0	108.0	120.0	120.0	75.0	75.0	108.0	108.0	120.0

SEE SHEET 3 FOR ANCHOR DESCRIPTION

SINGLE DOORS WITH OR WITHOUT TRANSOMS  
USE CHARTS AS FOLLOWS

- FOR THE CORRESPONDING DOOR SIZE FOR GLASS TYPE, LOCK AND HINGE OPTIONS OBTAIN LOAD CAPACITIES FROM TABLE 1.
- FOR ANCHORS TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE 2.
- TRANSOMS FOR SINGLE DOORS ARE LIMITED TO ±90.0 PSF THE LOWEST VALUES FROM STEPS 1, 2 AND 3 WILL GOVERN.

Engr. DR. HUMAYOJUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

MAR 18 2009

Approved as complying with the  
Florida Building Code  
Date July 01, 2009  
NOA# 09-0413.09  
Miami Dade Product Control  
Division  
By *[Signature]*

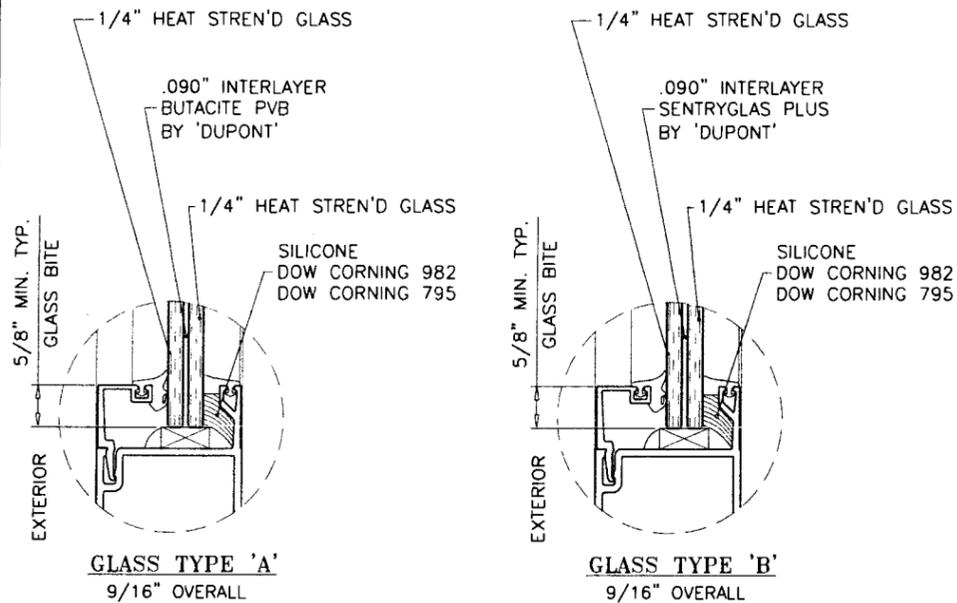
**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-91SW

SERIES-9000 ALUM OUTSWING FRENCH DOOR (L.M.I.)  
**SUNSHINE WINDOWS MANUFACTURING INC.**  
1745 WEST 33RD PLACE  
HIALEAH, FL. 33012  
TEL. (305) 364-9952 FAX. (305) 828-5118

revisions:	no	date	by	description

date: 11-11-08  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-91**  
sheet 1 of 10



**GLAZING OPTIONS**

**DOUBLE DOORS WITH OR WITHOUT TRANSOMS  
USE CHARTS AS FOLLOWS  
FOR THE CORRESPONDING DOOR SIZE**

- 1- FOR GLASS TYPE, LOCK AND HINGE OPTIONS OBTAIN LOAD CAPACITIES FROM TABLE 3.
- 2- FOR JAMB ANCHORS, TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE 4.
- 3- FOR HEAD ANCHORS, TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE 5.  
THE LOWEST VALUES FROM STEPS 1, 2 AND 3 WILL GOVERN.

TABLE #3 DOORS LOAD CAPACITY - PSF DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (O/XX)								
DOOR DIMS.		GLASS		LOCKS			HINGES	
		TYPE 'A'	TYPE 'B'	OPTION #1	OPTION #2	OPTION #3	OPTION #1	OPTION #2
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)						
89"	98-1/2"	80.0	90.0	80.0	90.0	90.0	80.0	90.0
89"	110-1/2"	80.0	80.0	80.0	80.0	80.0	80.0	90.0

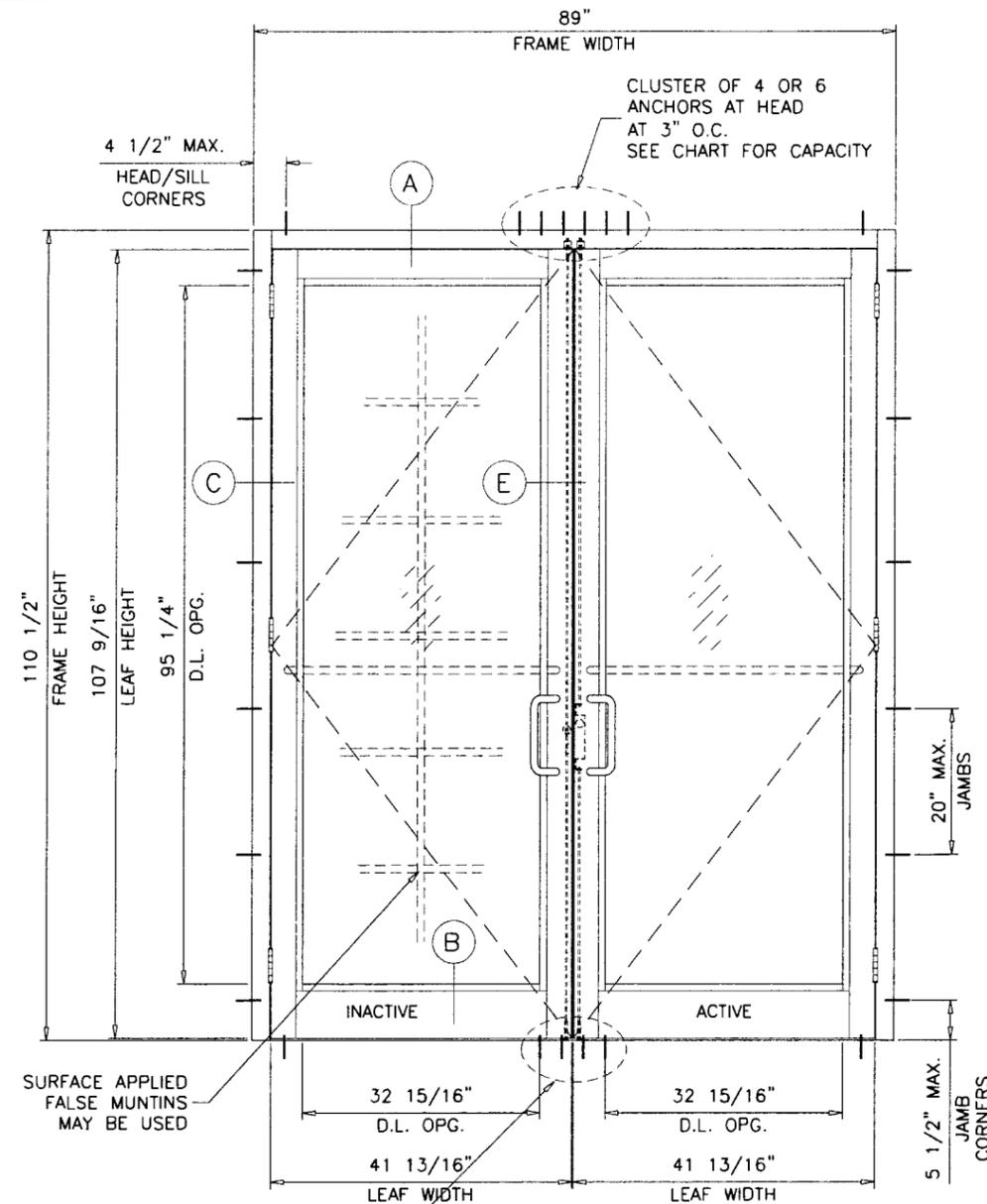
SEE SHEET 8 FOR LOCKS AND HINGES DESCRIPTION

TABLE #4 JAMB ANCHORS LOAD CAPACITY - PSF DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (O/XX)												
DOOR DIMS.		1/4" SHIM SPACE						1/2" SHIM SPACE				
		ANCHOR TYPE 'A'	ANCHOR TYPE 'AA'	ANCHOR TYPE 'B'	ANCHOR TYPE 'BB'	ANCHOR TYPE 'C'	ANCHOR TYPE 'D'	ANCHOR TYPE 'A'	ANCHOR TYPE 'AA'	ANCHOR TYPE 'B'	ANCHOR TYPE 'BB'	ANCHOR TYPE 'C'
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)										
75"	110-1/2"	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
89"	110-1/2"	90.0	90.0	90.0	90.0	90.0	90.0	79.0	79.0	90.0	90.0	90.0

SEE SHEET 3 FOR ANCHOR DESCRIPTION

TABLE #5 HEAD ANCHORS LOAD CAPACITY - PSF DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (O/XX)																	
DOOR DIMS.		1/4" SHIM SPACE						1/2" SHIM SPACE									
		ANCHOR TYPE 'A'		ANCHOR TYPE 'AA'		ANCHOR TYPE 'B'		ANCHOR TYPE 'BB'		ANCHOR TYPE 'A'		ANCHOR TYPE 'AA'		ANCHOR TYPE 'B'		ANCHOR TYPE 'BB'	
		CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 4	CLUSTER OF 4						
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)															
75"	98-1/2"	90.0	-	90.0	90.0	90.0	90.0	90.0	90.0	76.0	90.0	76.0	90.0	90.0	-	90.0	90.0
89"	98-1/2"	76.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	64.0	90.0	64.0	90.0	90.0	-	90.0	90.0
75"	110-1/2"	80.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	67.0	90.0	67.0	90.0	90.0	-	90.0	90.0
89"	110-1/2"	68.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	57.0	86.0	57.0	86.0	82.0	90.0	90.0	90.0

SEE SHEET 3 FOR ANCHOR DESCRIPTION



**TYPICAL ELEVATION (XX)**

SEE SHEET 3 FOR ELEVATION (O/XX)

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02/04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr: DR. HUMAYUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

Approved as complying with the Florida Building Code  
Date July 6, 2009  
NCA# 091-0413.09  
Miami Dade Product Control  
By *[Signature]*

MAR 18 2009

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-91SW

SERIES-9000 ALUM. OUTSWING FRENCH DOOR (L.M.I.)  
**SUNSHINE WINDOWS MANUFACTURING INC.**  
1745 WEST 33RD PLACE  
HIALEAH, FL. 33012  
TEL. (305) 364-9952 FAX. (305) 828-5118

revisions:	no	date	by	description

date: 11-11-08  
scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by: *[Signature]*

drawing no. **W08-91**  
sheet 2 of 10

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

**TYPE 'A'**

1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

A: INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE

DIRECTLY INTO C90 FILLED BLOCK WITH 1-1/4" MIN. EMBED INTO MASONRY

AA: DIRECTLY INTO CONCRETE WITH 1-3/8" MIN. EMBED INTO CONC.

**ANCHOR EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

**TYPE 'B'**

1/4" DIA HILTI KWIK CON III BY 'HILTI' (Fu=163 KSI, Fy=157 KSI)

B: INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE

DIRECTLY INTO C90 FILLED BLOCK WITH 1-1/2" MIN. EMBED INTO MASONRY

BB: DIRECTLY INTO CONCRETE WITH 1-3/8" MIN. EMBED INTO CONC.

**ANCHOR EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

**TYPE 'C'**

5/16" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

C: DIRECTLY INTO CONCRETE WITH 1-3/8" MIN. EMBED INTO CONC.

**ANCHOR EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

**TYPE 'D'**

#14 SMS OR SELF DRILLING SCREWS (Fu=92 KSI, Fy=120 KSI)

D: INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

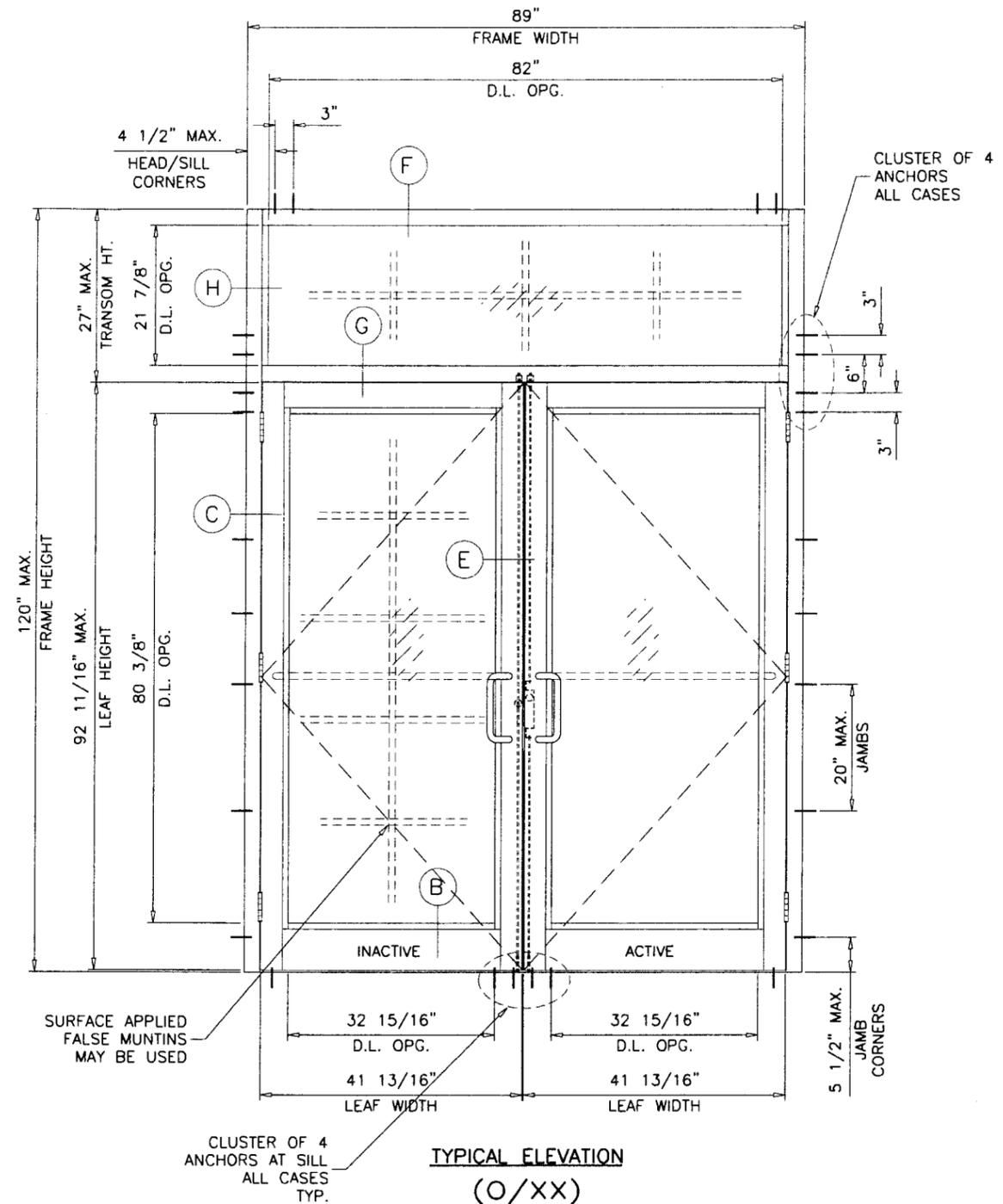
**ANCHOR EDGE DISTANCES**

INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE f'c = 3000 PSI MIN.

MASONRY f'm = 1500 PSI MIN.

WOOD BUCKS AND METAL STRUCTURES NOT BY SUNSHINE WDW. MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

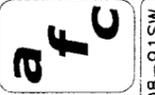


SEE CHARTS ON SHEET 2 FOR DOOR AND TRANSOM LOAD CAPACITY

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

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revisions:	no	date	description

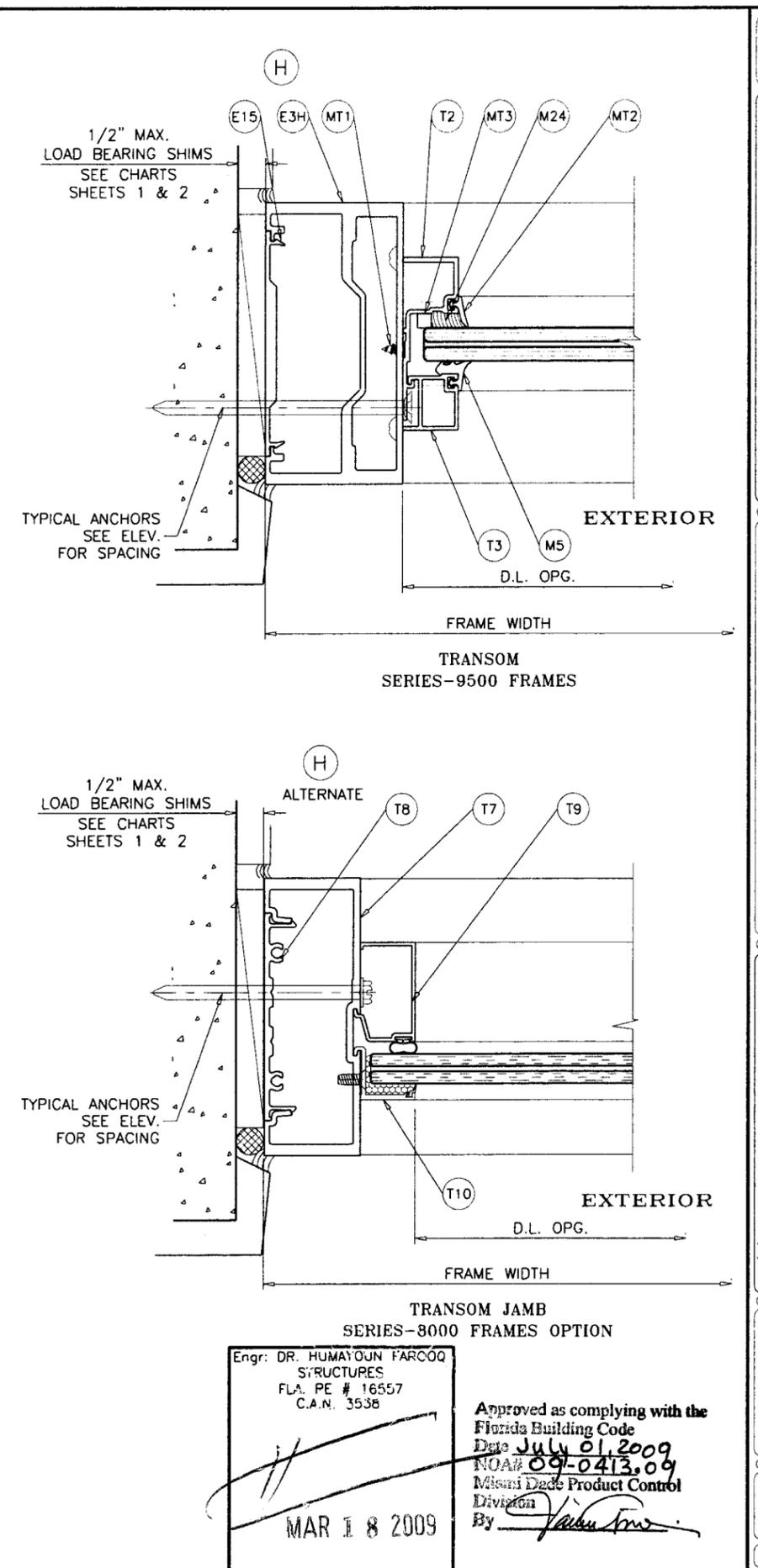
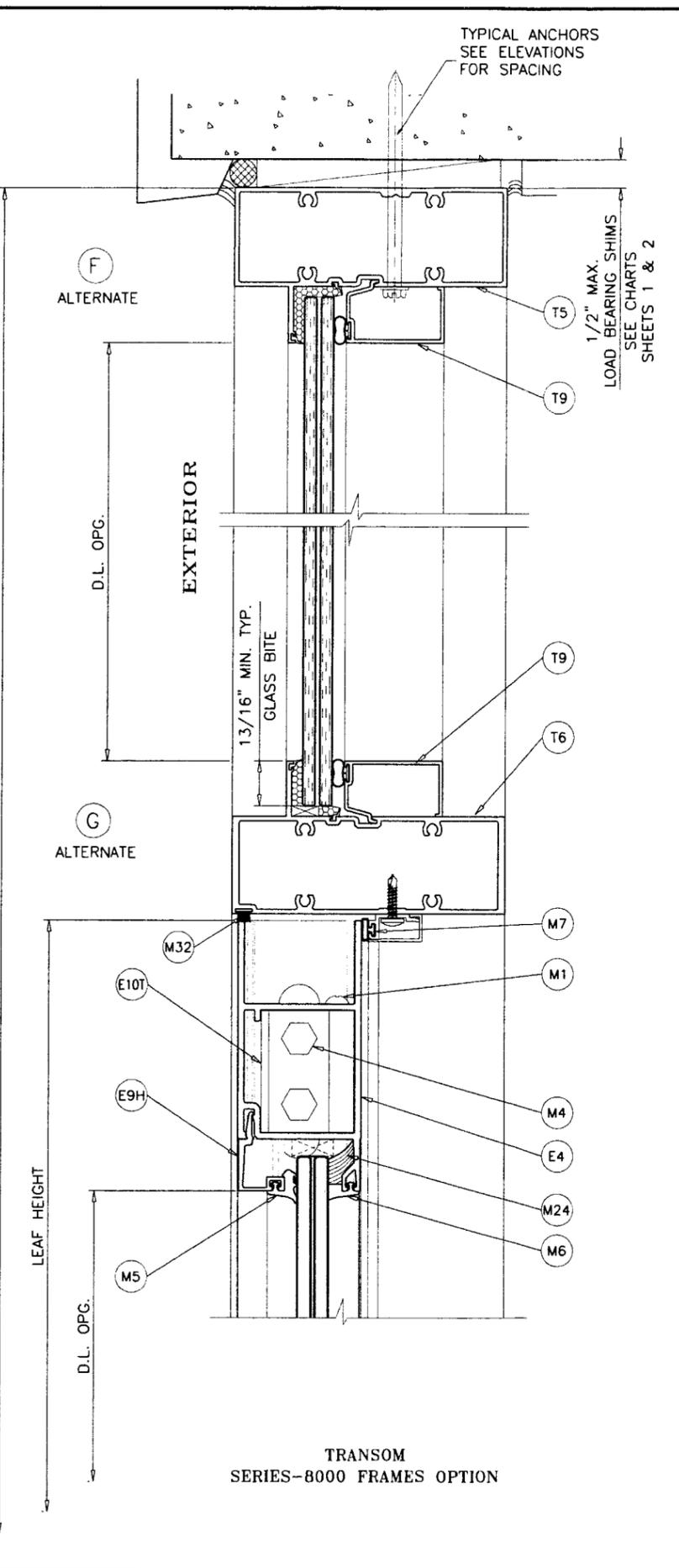
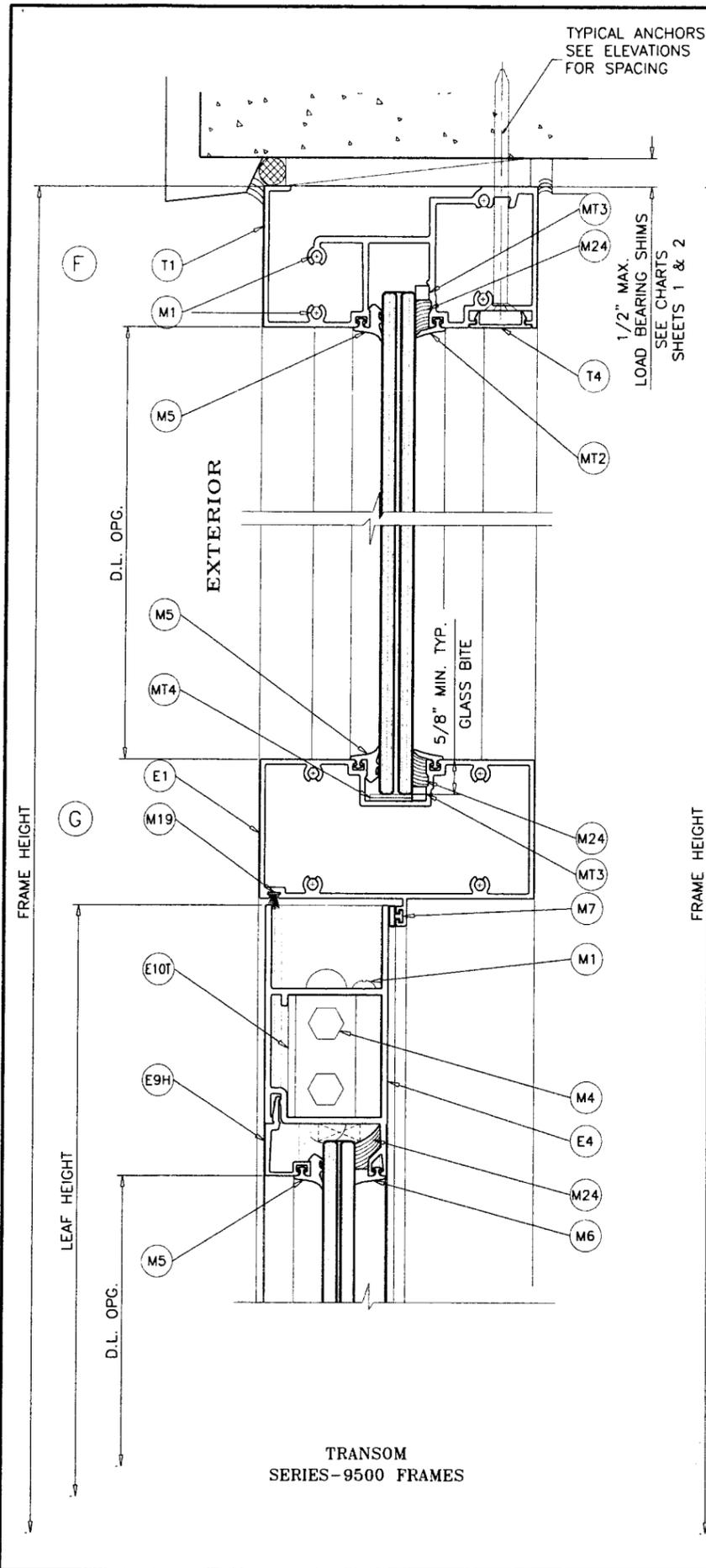
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dr. by: HAMID  
chk. by:

drawing no.  
**W08-91**

sheet 3 of 10







Engr. DR. HUMAYOON FARCOOQ  
STRUCTURES  
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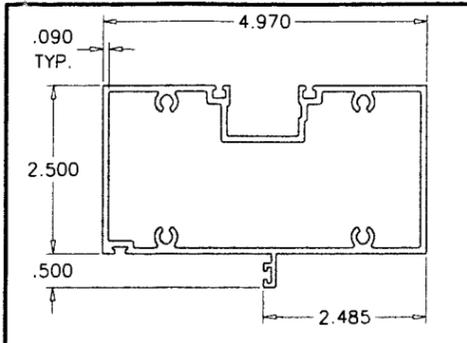
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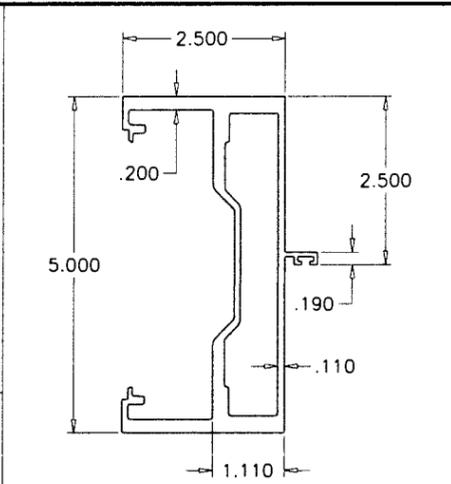
no.	date	description

date: 11-11-08  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

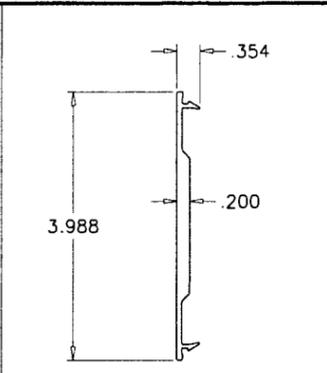
drawing no. **W08-91**  
sheet 6 of 10



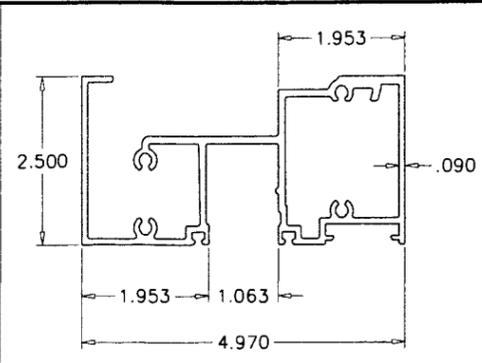
E1 DOOR HEADER



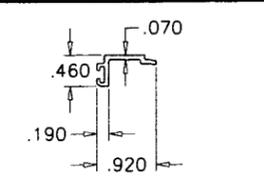
E3 DOOR JAMB



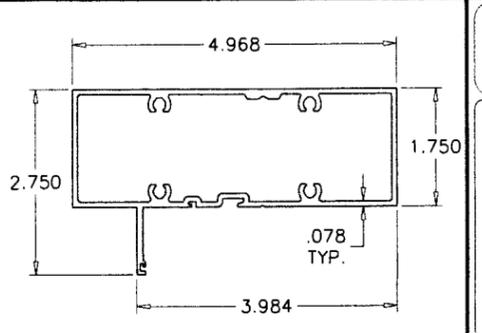
E15 JAMB FILLER



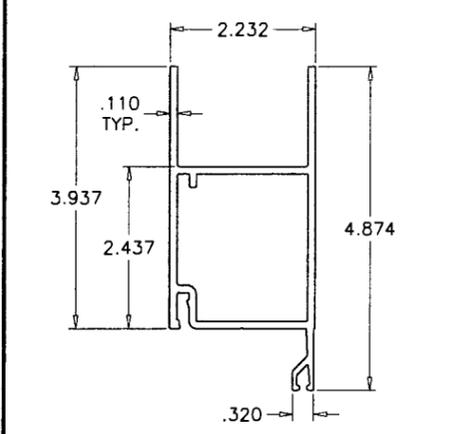
T1 TRANSOM HEADER



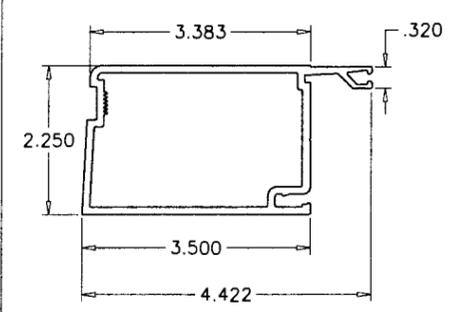
E21 DOOR STOP



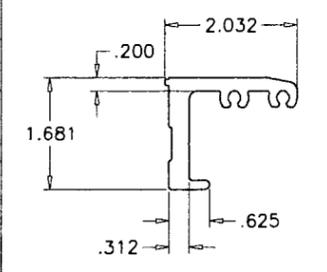
T5 TRANSOM HEAD S-8000



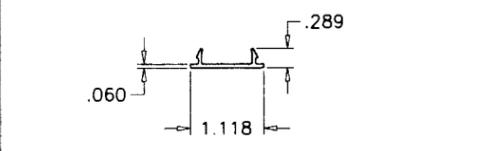
E4 TOP RAIL



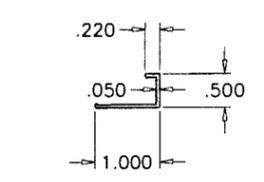
E6 HINGE/LOCK STILE



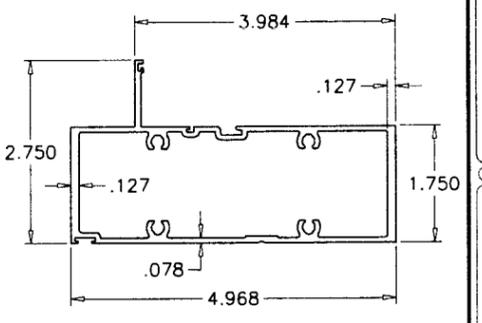
E10 CORNER BLOCK



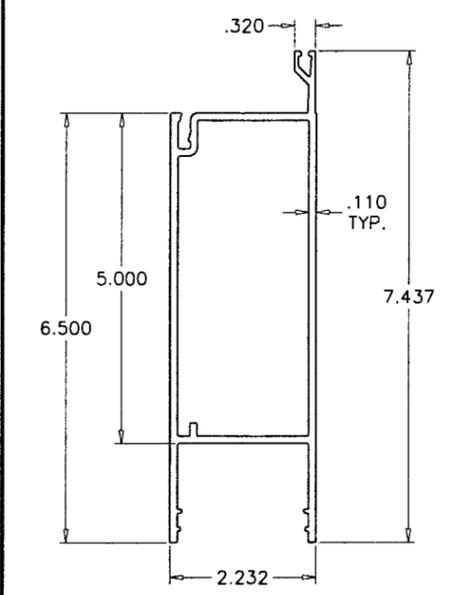
T4 HEAD COVER



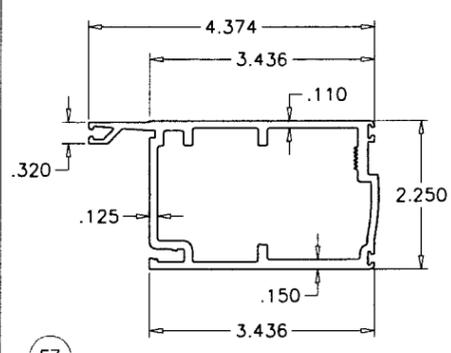
E22 DOOR STOP COVER



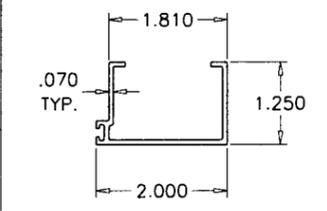
T6 HORIZONTAL AT DOOR S-8000



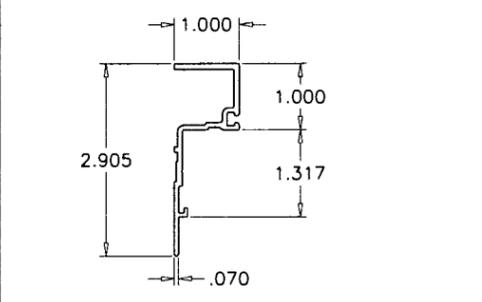
E5 BOTTOM RAIL



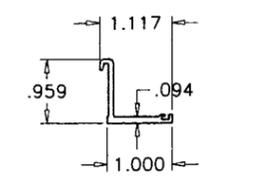
E7 MEETING STILE - INACTIVE LEAF



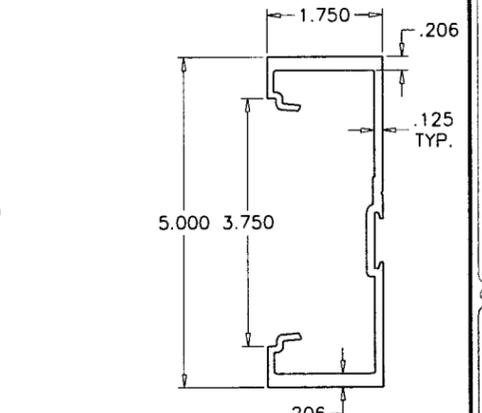
E18 CLOSURE DOOR STOP



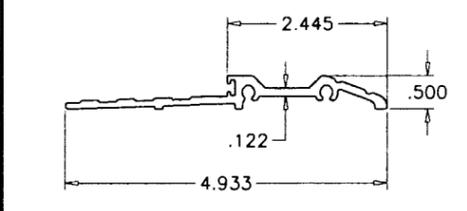
T2 TRANSOM ADAPTER



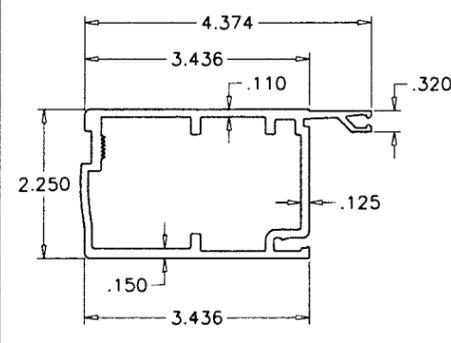
T10 TRANSOM GLAZING ADAPTER



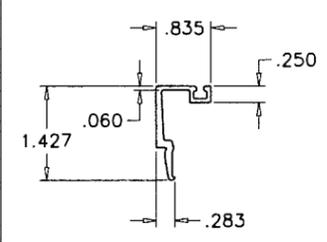
T7 TRANSOM JAMB S-8000



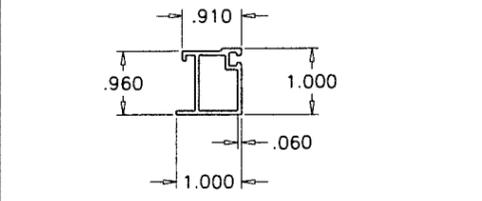
E2 THRESHOLD



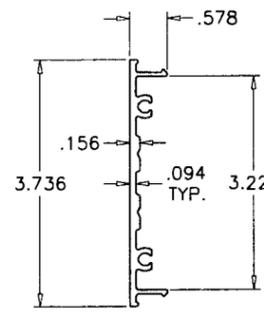
E8 MEETING STILE - ACTIVE LEAF



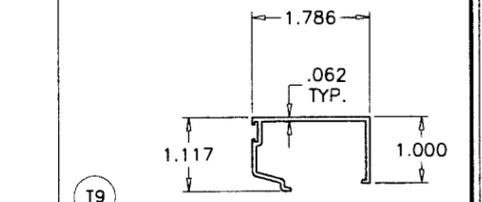
E9 GLASS STOP



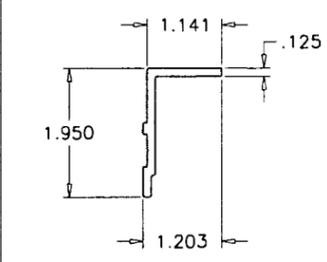
T3 TRANSOM GLASS STOP



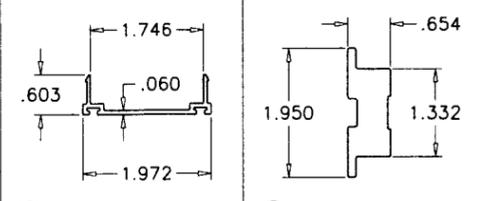
T8 JAMB FILLER S-8000



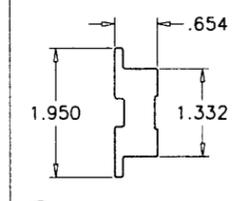
T9 TRANSOM GLASS STOP S-8000



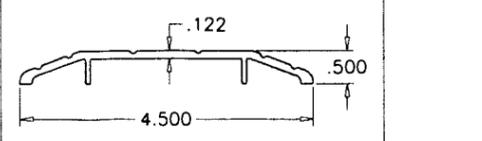
E14 LOCK BACK UP PLATE



E20 DOOR SWEEP



E11 CORNER PLATE



E2A ALTERNATE THRESHOLD

**afC**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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SERIES-9000 ALUM OUTSWING FRENCH DOOR (L.M.I.)  
**SUNSHINE WINDOWS MANUFACTURING INC.**  
 1745 WEST 33RD PLACE  
 HIALEAH, FL. 33012  
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revisions:	no	date	by	description

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 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:  
 drawing no. **W08-91**  
 sheet 7 of 10

Engr. DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE. # 16557  
 C.A.M. 3538

Approved as complying with the  
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 Miami Dade Product Control  
 Division  
 By *[Signature]*  
**MAR 18 2009**

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES9012	1	DOOR HEADER	6063-T6	-
E2	ES9014	1	THRESHOLD	6063-T6	-
E2A	ES9015	1	ALTERNATE THRESHOLD	6063-T6	-
E3H	ES9013	2	DOOR JAMB - HINGE	6063-T6	-
E4	ES9001	2	TOP RAIL	6063-T5	-
E5	ES9002	2	BOTTOM RAIL	6063-T6	-
E6H	ES9003	2	HINGE/LOCK STILE	6063-T5	-
E7	ES9006	1	MEETING STILE - INACTIVE LEAF	6063-T5	-
E8	ES9007	1	MEETING STILE - ACTIVE LEAF	6063-T5	-
E9H	ES9004	4	HORIZONTAL GLASS STOP	6063-T5	-
E9V	ES9004	4	VERTICAL GLASS STOP	6063-T5	-
E10T	ES9008	4	CORNER BLOCK -TOP	6063-T5	-
E10B	ES9008	4	CORNER BLOCK - BOTTOM	6063-T5	-
E11T	ES9009	4	CORNER PLATE - TOP	6063-T5	-
E11B	ES9009	4	CORNER PLATE - BOTTOM	6063-T5	-
E12	ES9010	4	SUPPORT ANGLE	6063-T5	3/4" X 1" X 1/8" X 9" LONG
E13	ES9011	AS RQD.	HINGE BACKUP PLATE REINFORCEMENT	6063-T5	-
E14	ES9020	1	LOCK BACKUP PLATE REINFORCEMENT	6063-T5	-
E15	ES9016	AS RQD.	JAMB FILLER	6063-T5	-
E16	ES9017	AS RQD.	REINFORCEMENT	6063-T6	-
E17	ES9021	1/ CLOSER	CLOSER SUPPORT CLIPS (PAIR)	6063-T5	-
E18	ES9022	1	CLOSER DOOR STOP	6063-T5	-
E19	ES9023	1/ CLOSER	CLOSER COVER PLATE	6063-T5	-
E20	ES9005		DOOR SWEEP	-	-
E21	ES9051		DOOR STOP	-	-
E22	ES9052		DOOR STOP COVER	-	-
M1		28	#12 x 1" P.H. ST/ST SMS	-	-
M2		AS RQD.	#12 - 24 x 1/2" F.H. ST/ST MS	-	-
M3		18	#8 - 32 x 1/2" P.H. ST/ST MS	-	-
M4		16	3/8" - 16 x 1" HEX. BOLT	-	-
M5		AS RQD.	WEDGE GASKET	-	-
M6		AS RQD.	SPACER GASKET	-	-
M7		AS RQD.	BULB VINYL	-	-
M8		8	SETTING BLOCK	-	-
M9		AS RQD.	HINGE 4 1/2" x 4"	-	-
M12		1	3 POINT LOCK	-	-
M13		1	KEY CYLINDER	-	-
M14		1	THUMBTURN	-	-
M15		1	2 POINT LOCK	-	-
M16		1/ LEAF	DOOR CLOSURE	-	-
M17		2	PUSH - PULL	-	-
M19	W13273NK	AS RQD.	PILE - HEADER	-	-
M20	W23451NK	AS RQD.	PILE - MTG STILES	-	-
M22	-	1/ CLOSER	CHANNEL SPACER 5/8" X 1-3/4"	-	-
M23		2	THRESHOLD CLIP	-	-
M24		AS RQD.	STRUCTURAL SILICONE	-	-
M25		AS RQD.	SILICONE	-	-
M26		2/ CLOSER	1/4 - 20 x 2" HEX. BOLT	-	-
M27		3/ CLOSER	#10 x 1" P.H. ST/ST SMS	-	-
M28		6/ CLOSER	#10 x 3/4" F.H. ST/ST SMS	-	-
M29		3/ CLOSER	#10 x 1" F.H. ST/ST SMS	-	-
M30		AS RQD.	#8 x 1 1/2" F.H. ST/ST SMS	-	-
M31	W13351NK	AS RQD.	PILE - DOOR SWEEP	-	-
M32	W13275NK	AS RQD.	PILE - HEADER	-	-

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
T1	ES9506		TRANSOM HEADER	6063-T6	-
T2	ES9019		TRANSOM ADAPTER	6063-T5	-
T3	ES9018		TRANSOM GLASS STOP	6063-T5	-
T4	ES9502		HEAD COVER	6063-T5	-
MT1			#10 x 1/2" F.H. ST/ST SMS	-	-
MT2			TRIM GASKET	-	-
MT3			INTERIOR SPACER 1/4" x 1/4"	-	-
MT4			SETTING BLOCKS 1/16" x 3/4"	-	-
T5	ES8005	AS REQD.	TRANSOM HEAD S-8000	6005-T5	-
T6	ES8013	AS REQD.	HORIZONTAL AT DOOR S-8000	6005-T5	-
T7	ES8012	AS REQD.	TRANSOM JAMB S-8000	6005-T5	-
T8	ES8003	AS REQD.	JAMB FILLER S-8000	6005-T5	-
T9	ES8006	AS REQD.	TRANSOM GLASS STOP S-8000	6063-T5	-
T10	ES8014	AS REQD.	TRANSOM GLAZING ADAPTER	6063-T6	-

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**AL-FAROOQ CORPORATION**  
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SERIES-9000 ALUM OUTSWING FRENCH DOOR (L.M.I.)  
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STRUCTURES  
FLA. PE # 16557  
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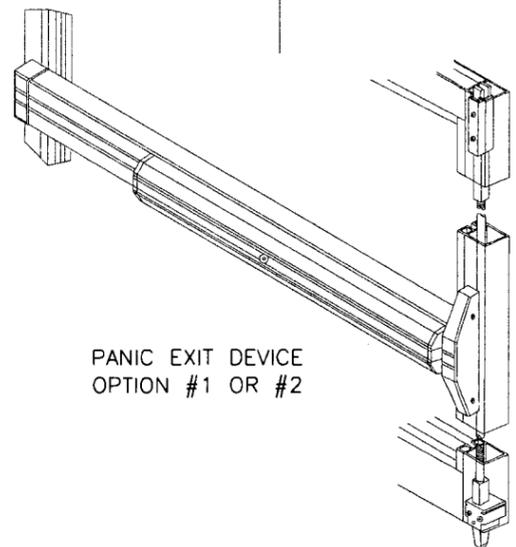
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dr. by: HAMID  
chk. by:  
drawing no.  
**W08-91**  
sheet 8 of 10

**LOCKS:**

**OPTION #1:**

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'JACKSON PANIC SYSTEM' #1285 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  
OR  
CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'ADAMS RITE' LOCATED AT 40" FROM SILL AT EACH LEAF.  
FASTENED WITH  
(2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND  
(2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



PANIC EXIT DEVICE  
OPTION #1 OR #2

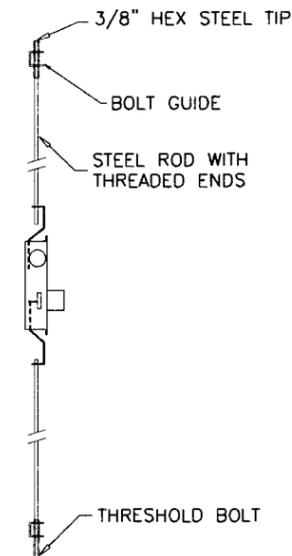
**OPTION #2:**

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'JACKSON PANIC SYSTEM' #2086 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  
OR  
CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'DOR-O-MATIC' LOCATED AT 40" FROM SILL AT EACH LEAF.  
FASTENED WITH  
(2) #12-24 X 1/2" FH MACHINE SCREWS AT ONE END

**OPTION #3:**

**ACTIVE LEAF:**  
KEY OPERATED THREE POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH  
(2) #12-24 X 1/2" FH MACHINE SCREWS

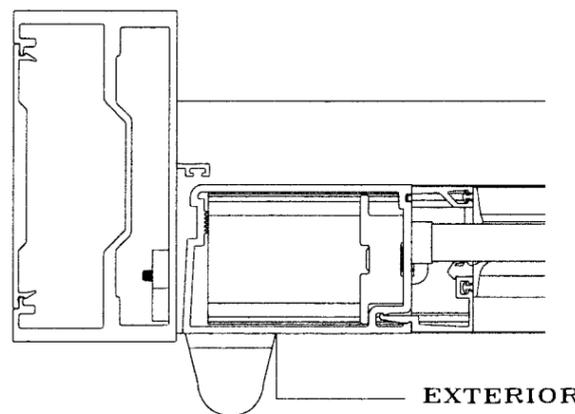
**INACTIVE LEAF:**  
MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH  
(2) #8-32 X 1/4" PH MACHINE SCREWS



**HINGES:**

**OPTION #1:**

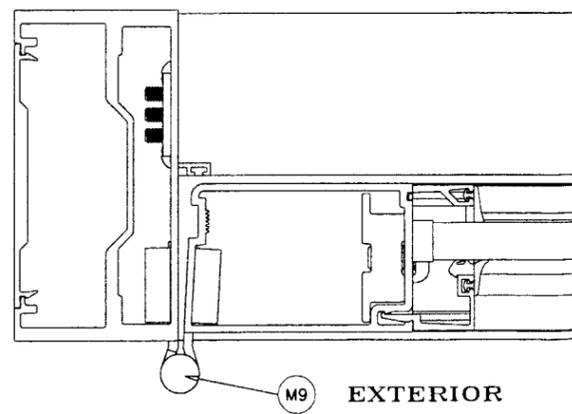
OFFSET PIVOT HINGES  
ALUMINUM AT TOP AND BOTTOM  
FASTENED TO FRAME AND THRESHOLD WITH  
#10-24 X 1/2" FH THREAD CUTTING SCREWS  
(2) AT THRESHOLD, (2) AT JAMB BOTTOM  
(3) AT FRAME HEAD  
HEAVY DUTY BRASS OR BRONZE AT MIDSPAN  
FASTENED TO FRAME AND LEAF WITH  
(4) 1/4-20 X 5/8" MS



EXTERIOR

**OPTION #2:**

4 X 4-1/2" ST. STEEL BALL BEARING BUTT HINGES  
LOCATED AT  
11" FROM TOP & BOTTOM AND AT MIDSPAN  
FASTENED TO DOOR FRAME AND LEAF STILE WITH  
(4) #12-24 X 1/2" FH MACHINE SCREWS PER HASP



EXTERIOR

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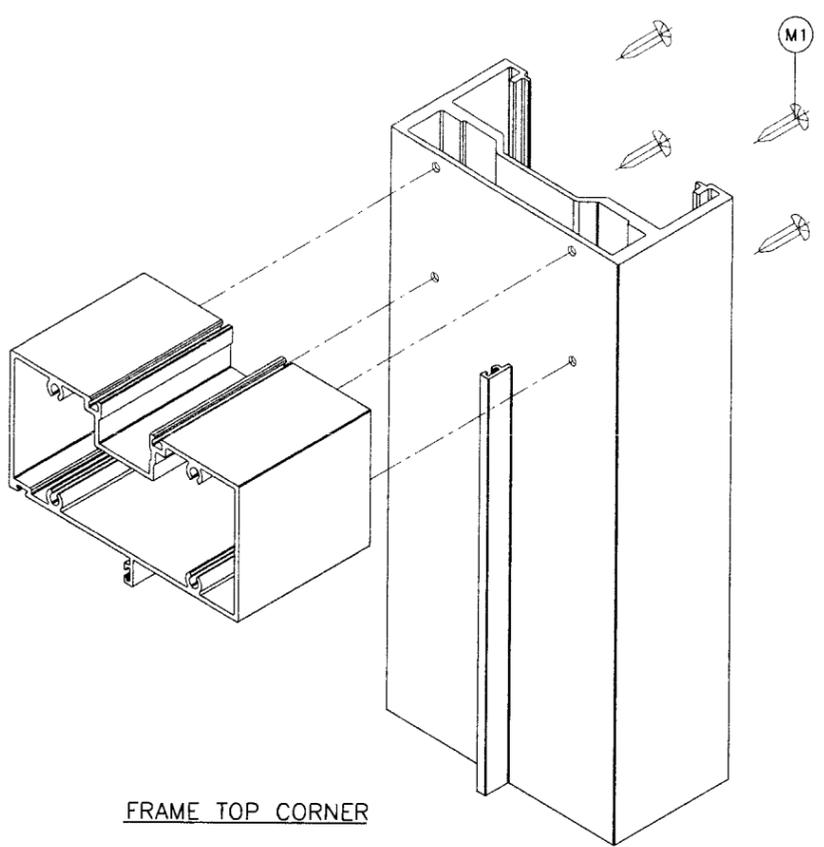
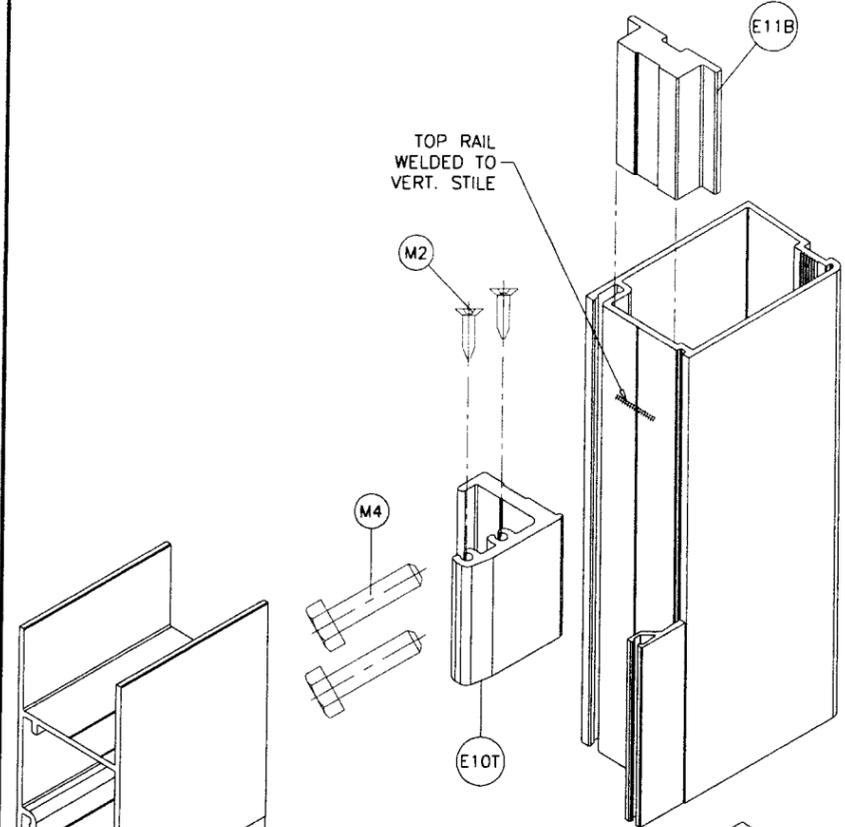
**af c**  
**AL-FAROOQ CORPORATION**  
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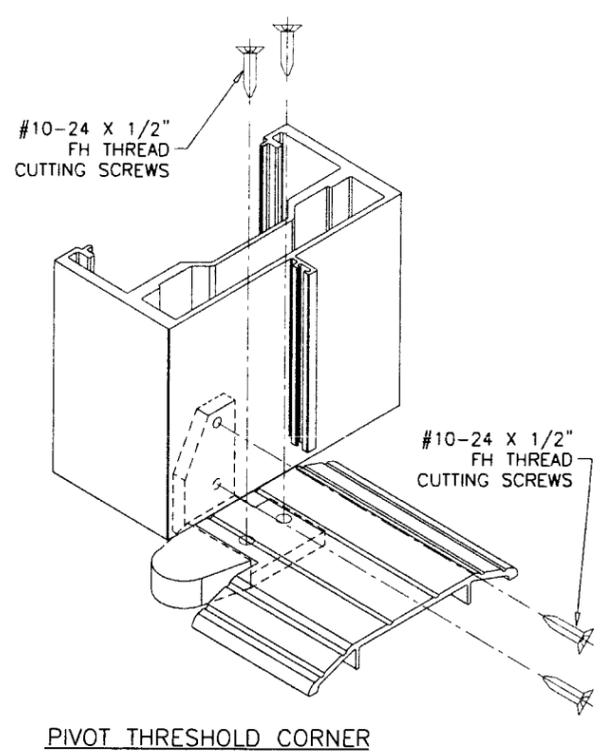
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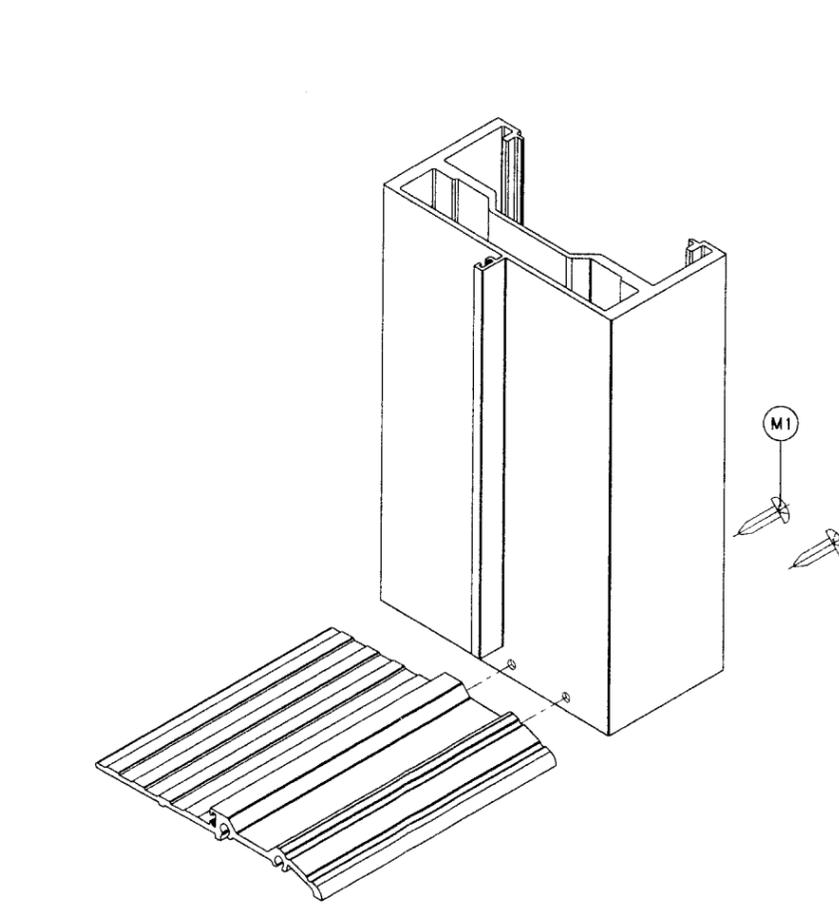
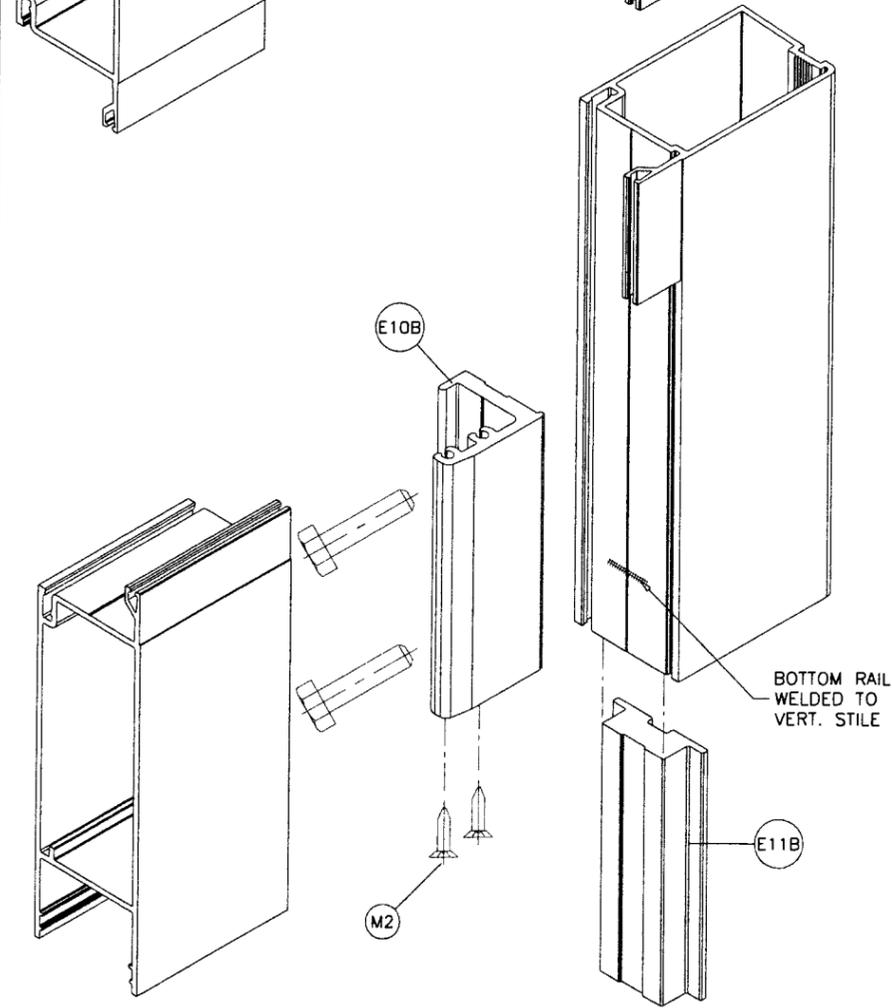
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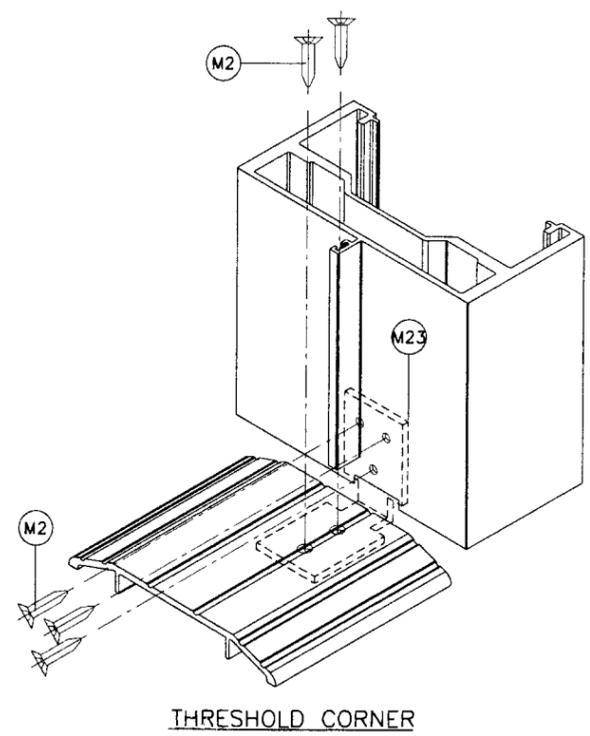
FRAME TOP CORNER



PIVOT THRESHOLD CORNER



THRESHOLD CORNER



THRESHOLD CORNER

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