



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

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Universal Aluminum Windows & Doors, Inc.
1675 West 31st Place
Hialeah, FL 33012

Your application for Notice of Acceptance (NOA) of:

Series Outswing Aluminum French Door w\ Sidelites

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-0208.03
EXPIRES: 08/17/2003

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 08/17/2000



Universal Aluminum Windows and Doors

ACCEPTANCE No.: 00-0208.03

APPROVED : AUG 17 2000

EXPIRES : AUG 17 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an aluminum outswing French door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Series Outswing Aluminum French Door w / Sidelites** and its components shall be constructed in strict compliance with the following documents: Drawing No. **W99-79**, titled "Alum Outswing Doors with sidelites" Sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, dated 11-19-99, revised on 07-17-00, prepared by Al-Farooq Corporation, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit application of pair of doors and single door with sidelites and single operable door, as shown in approved drawings. Single door unit shall include all components described in the active leaf of this approval.

4. INSTALLATION

- 4.1 The aluminum out-wing french doors and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda

Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

Universal Aluminum Windows and Doors

ACCEPTANCE No.: 00-0208.03

APPROVED : AUG 17 2000

EXPIRES : AUG 17 2003

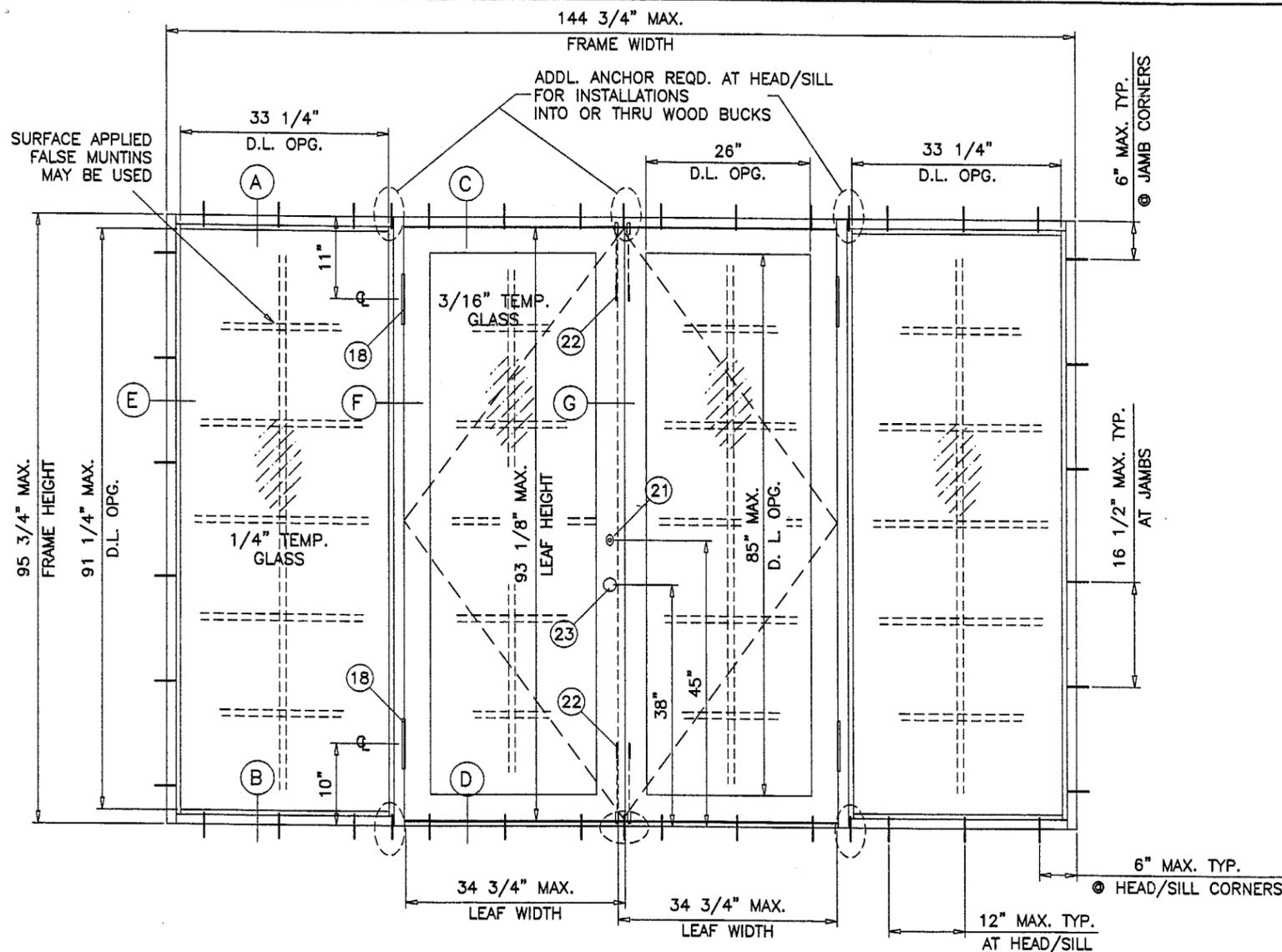
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

Ishaq I. Chanda

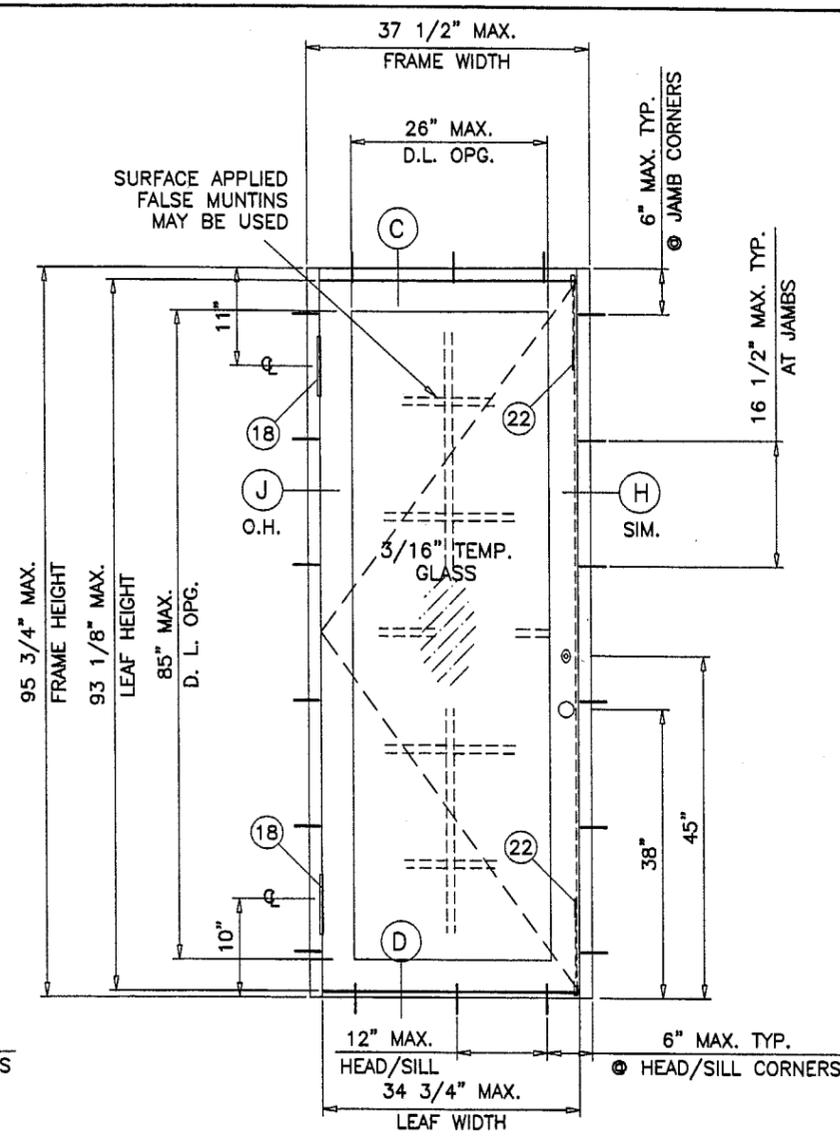
Ishaq I. Chanda, P. E., Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE



(O X X O)

DUAL LEAF DOORS COMPARATIVE ANALYSIS
 BASED ON FTL-2077
 SEE 'TABLE 1' ON SHEET 2



(X)

SINGLE LEAF DOORS COMPARATIVE ANALYSIS
 BASED ON FTL-2055
 SEE 'TABLE 2' ON SHEET 2

TYPICAL ELEVATIONS
 TESTED UNITS

NOTES:

1. THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7-88 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. ALL STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED.

TYPICAL ANCHORS: SPACED AS PER ELEVATIONS

- A = 1/4\"**
- B = 1/4\"**

Engr. DR. HUMAYOJUN FAROOQ
 STRUCTURES
 FLA. PE # 18557

[Signature]
JUL 17 2000

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE August 17, 2000
 BY Ishaq I. Chaudh
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0208-03

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W99-79UW

ALUM OUTSWING DOOR WITH SIDELITES
UNIVERSAL ALUMINUM WINDOWS
 1675 W. 31ST PLACE
 HIALEAH, FL. 33012
 TEL. (305) 825-7900 FAX (305) 825-5805

no.	date	description
A	01.28.00	SINGLE LEAF DOOR/CHART ADD.
B	06.12.00	GENERAL REVISION
C	07.17.00	SHT. 2 REV. PER BCCO COMM'S

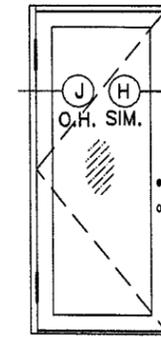
date: 11-19-99
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W99-79

sheet 1 of 6

'TABLE 1'

SINGLE OR DUAL LEAF DOORS WITH 3/16" TEMPERED GLASS				DOORS WITH SIDELITES 1/4" TEMPERED GLASS (SIDELITES ONLY)				
DOOR HEIGHT FT./IN.	DOOR WIDTH FT./IN.		DESIGN LOAD - PSF		DESIGN LOAD - PSF (-VE)			
	X	XX	EXT. (+)	INT. (-)	SIDELITE WIDTH			
					24 INCHES	30 INCHES	36 INCHES	42 INCHES
6/8	2/0	4/0	60.0	111.1	111.1	111.1	111.1	111.1
	2/6	5/0	60.0	87.6	87.6	87.6	87.6	87.6
	3/0	6/0	60.0	72.4	72.4	72.4	72.4	72.4
7/0	2/0	4/0	60.0	105.6	105.6	105.6	105.6	105.2
	2/6	5/0	60.0	83.4	83.4	83.4	83.4	83.4
	3/0	6/0	60.0	68.8	68.8	68.8	68.8	68.8
8/0	2/0	4/0	60.0	92.1	91.9	82.3	74.9	69.1
	2/6	5/0	60.0	72.7	72.7	72.7	68.5	63.6
	3/0	6/0	60.0	60.0	60.0	60.0	60.0	59.1



(X)
TABLE '2'

'TABLE 2' (X)

SINGLE LEAF DOORS (X) WITH 3/16" TEMPERED GLASS			
NOMINAL DIMS.		DESIGN LOAD - PSF	
DOOR HEIGHT FT./IN.	DOOR WIDTH FT./IN.	EXT. (+)	INT. (-)
6/8	2/0	100.0	158.8
	2/6	100.0	128.6
	3/0	100.0	108.0
7/0	2/0	100.0	151.3
	2/6	100.0	122.4
	3/0	100.0	102.9
8/0	2/0	100.0	128.0
	2/6	100.0	105.2
	3/0	90.0	90.0

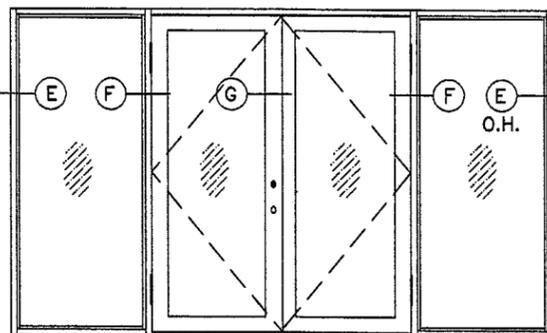
'TABLE 1' APPLIES TO ALL CONFIGURATIONS OTHER THAN X
'TABLE 2' APPLIES TO SINGLE DOORS ONLY

NOTE:

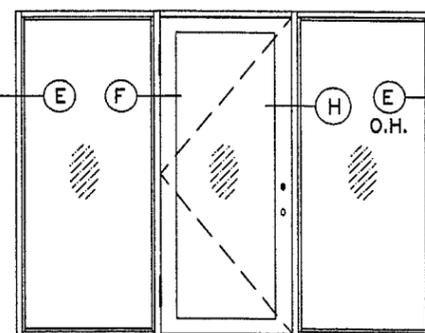
THE 60.0 AND 100.0 PSF EXT.(+) LOAD LIMITATIONS SHOWN IN CHARTS ARE DUE TO WATER INFILTRATION TESTS. WHEN WATER INFILTRATION RESISTANCE IS NOT REQUIRED THEN THE EXTERIOR LOAD CAPACITY WILL BE EQUAL TO THE INTERIOR LOAD.

NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT
6/8	79-3/4"	77-1/8"
7/0	83-3/4"	81-1/8"
8/0	95-3/4"	93-1/8"

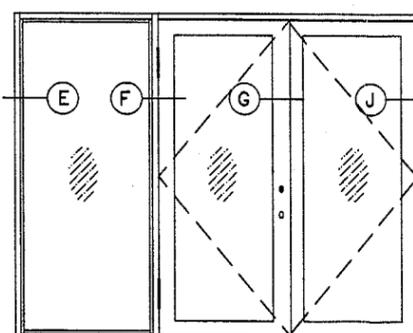
NOMINAL WIDTH	FRAME WIDTH	LEAF WIDTH
2/0	25-1/2"	22-3/4" (X)
4/0	47-7/8"	22-3/4" (XX)
2/6	31-1/2"	28-3/4" (X)
5/0	59-7/8"	28-3/4" (XX)
3/0	37-1/2"	34-3/4" (X)
6/0	71-7/8"	34-3/4" (XX)



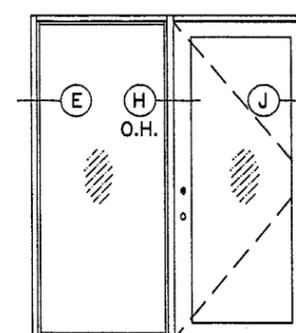
(OXXO)



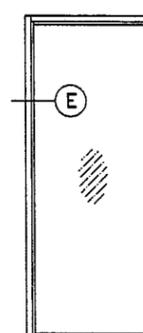
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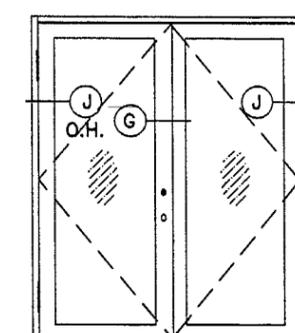
(OXX)
(XXO)



(OX)
(XO)



(O)



(XX)

APPROVED CONFIGURATIONS
TABLE '1'

MIAMI DADE COUNTY APPROVED
IMPACT RESISTANT SHUTTERS REQUIRED

Engr. DR. HJUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557

JUL 17 2000

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE August 17, 2000
BY Ishaq I. Shauda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0208-03

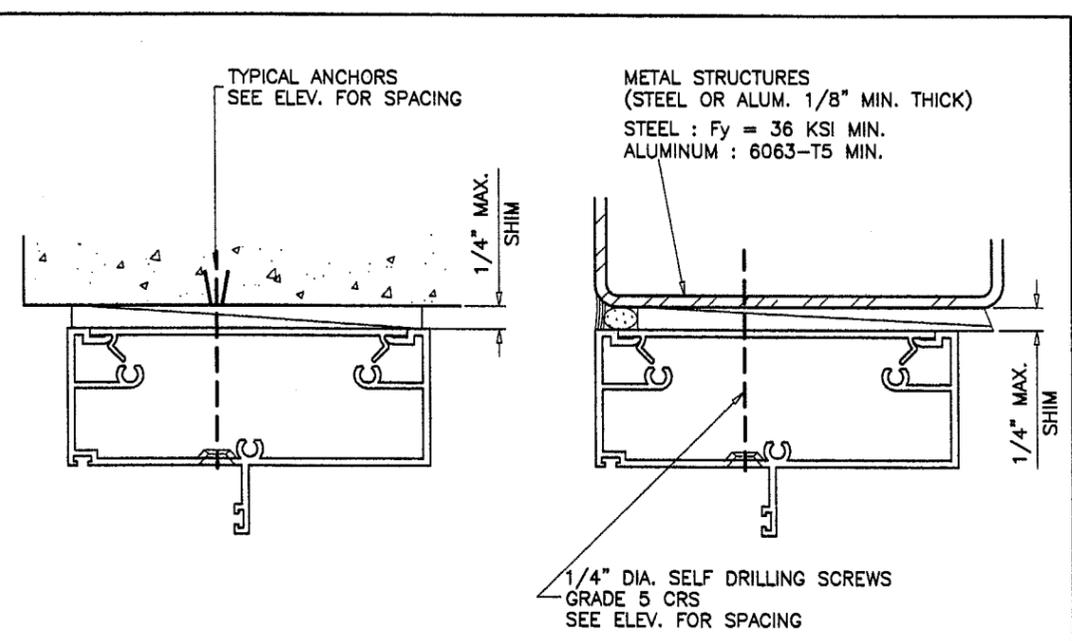
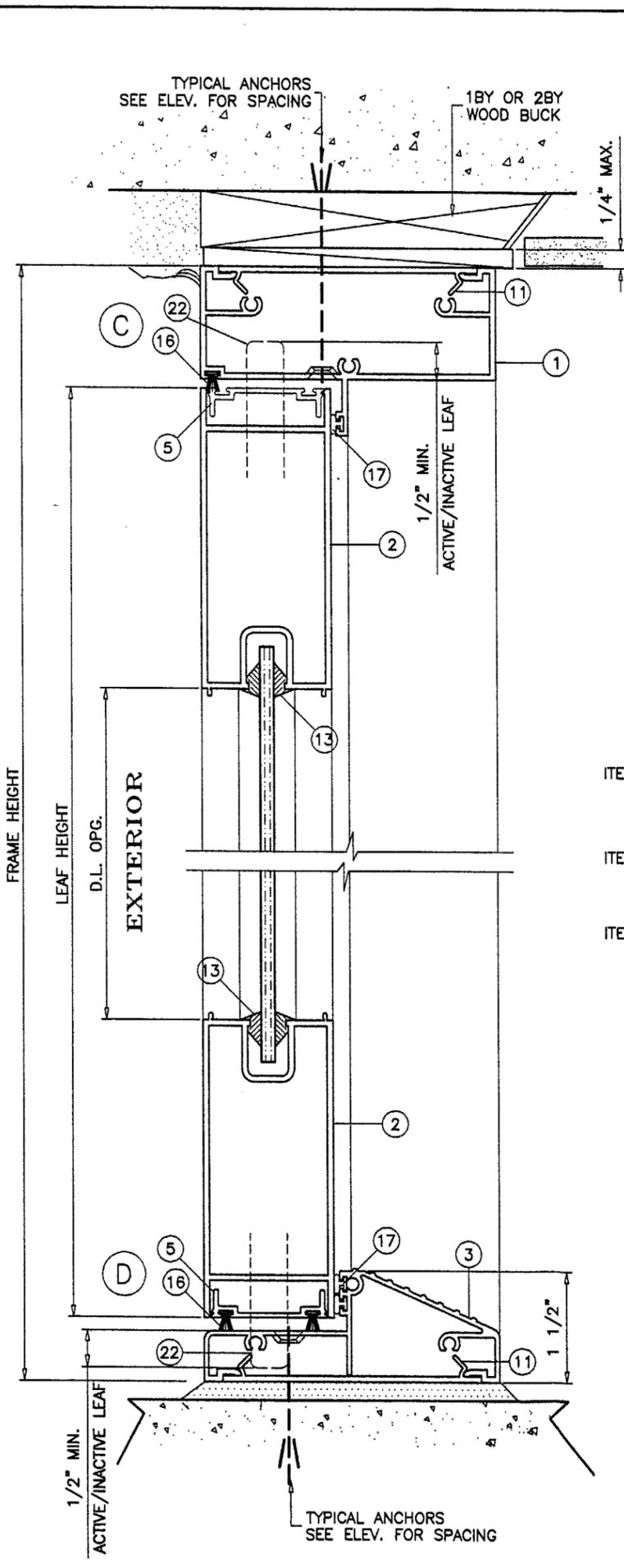
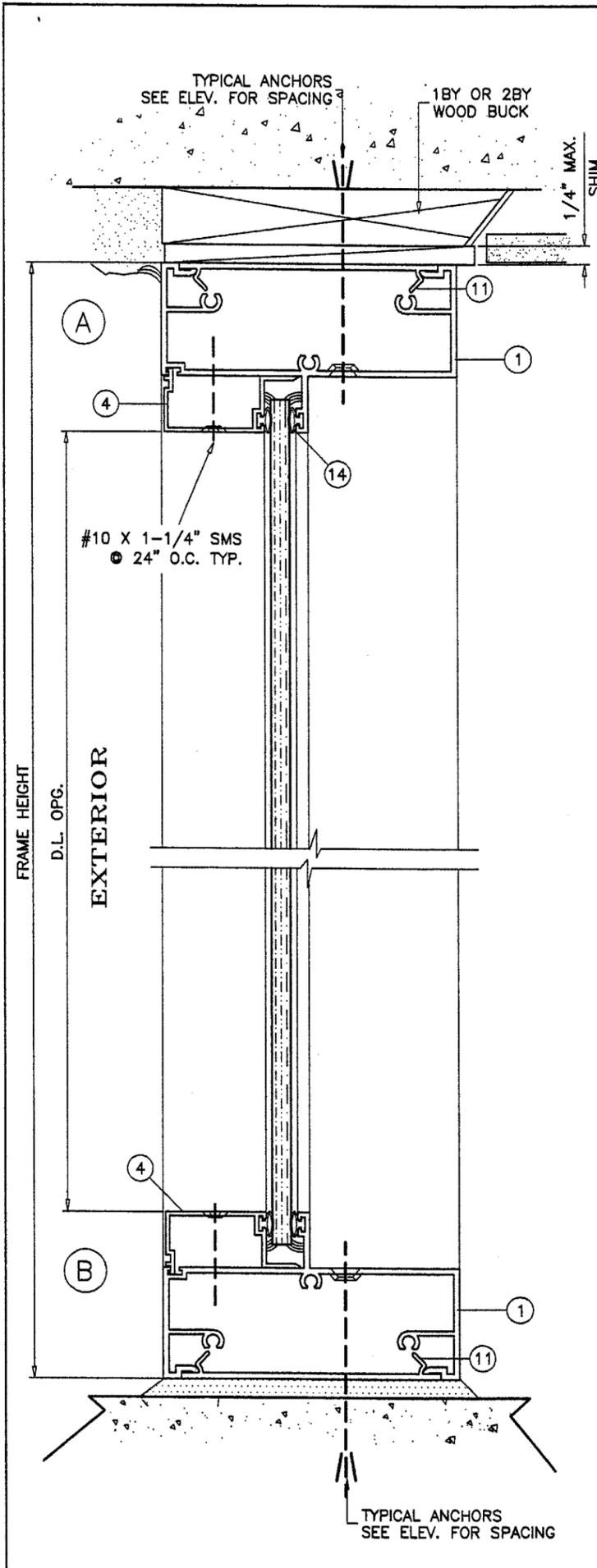
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W99-79UW

ALUM OUTSWING DOOR WITH SIDELITES
UNIVERSAL ALUMINUM WINDOWS
1675 W. 31ST PLACE
HIALEAH, FL. 33012
TEL. (305) 825-7900 FAX (305) 825-5805

no	date	by	description

date: 11-19-99
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W99-79
sheet 2 of 6



SEALANTS:

FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND ALL METAL PARTS CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

LOCKS:

- ITEM# (22) MANUALLY OPERATED FLUSH BOLTS AT TOP AND BOTTOM OF EACH ACTIVE AND INACTIVE LEAF LOCK STILE WITH OPERATORS AT 12" AND 76" FROM BOTTOM.
- ITEM# (21) DEAD BOLT LOCK BY WESLOCK INTL. OR HARLOCK WITH ALUM STRIKE PLATE AT ACTIVE LEAF LOCK STILE 45" FROM BOTTOM KEY OPERATED ON EXT. AND THUMB TURN ON INTERIOR.
- ITEM# (23) CONVENTIONAL DOOR KNOB BY WESLOCK INTL. OR HARLOC WITH ALUM STRIKE PLATE AT ACTIVE LEAF LOCK STILE 38" FROM BOTTOM.

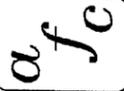
NOTE: FLUSH BOLTS ON ACTIVE LEAF MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.

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

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16597

JUL 17 2000

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE August 17, 2000
BY Ishaq I. Chaudhry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. DD-0208-03



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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W99-79UW

ALUM OUTSWING DOOR WITH SIDELITES

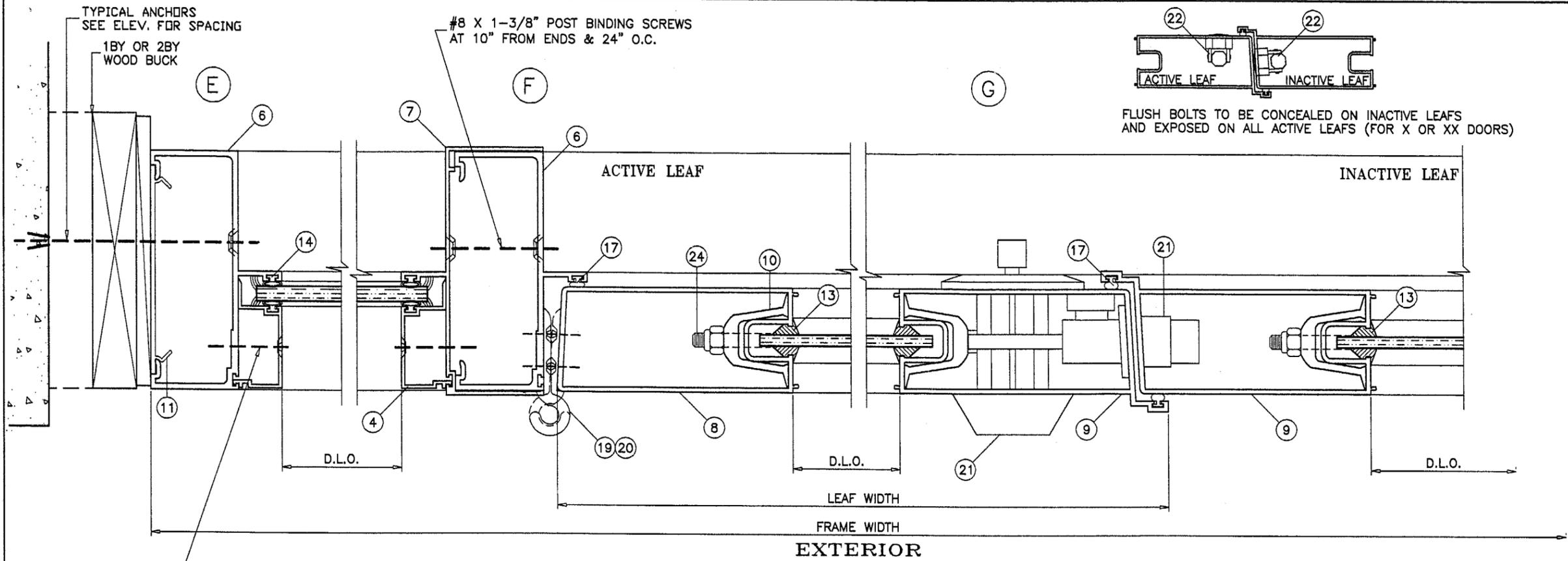
UNIVERSAL ALUMINUM WINDOWS
1675 W. 31ST PLACE
HIALEAH, FL. 33012
TEL. (305) 825-7900 FAX (305) 825-5805

revisions:	no	date	by	description

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chk. by:

drawing no.
W99-79

sheet 3 of 6

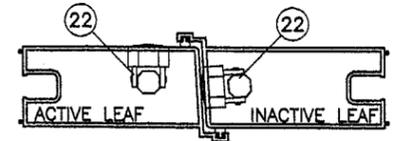
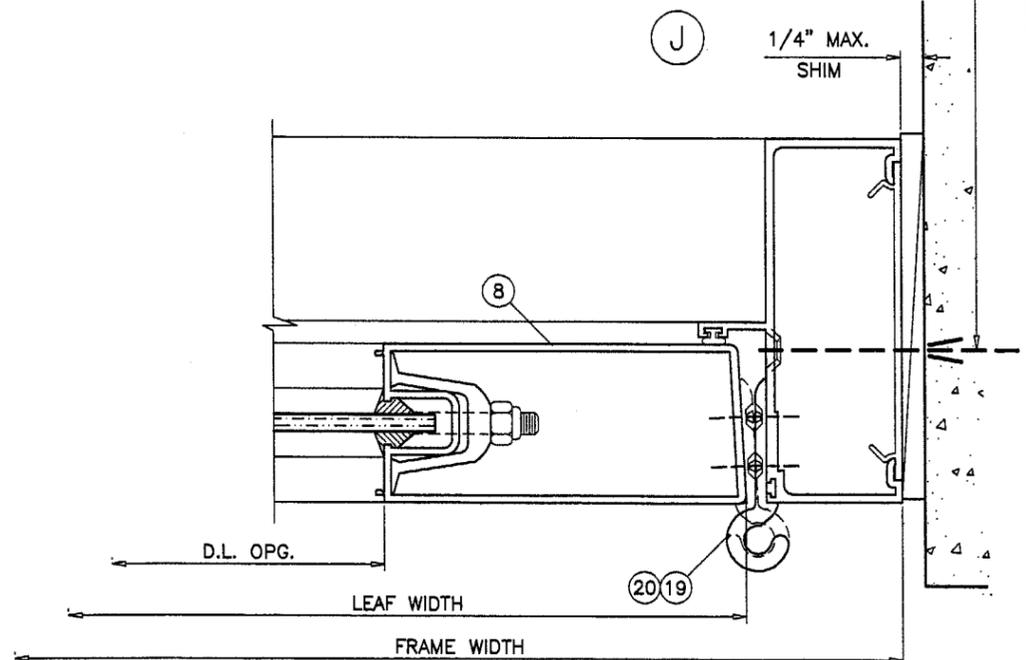
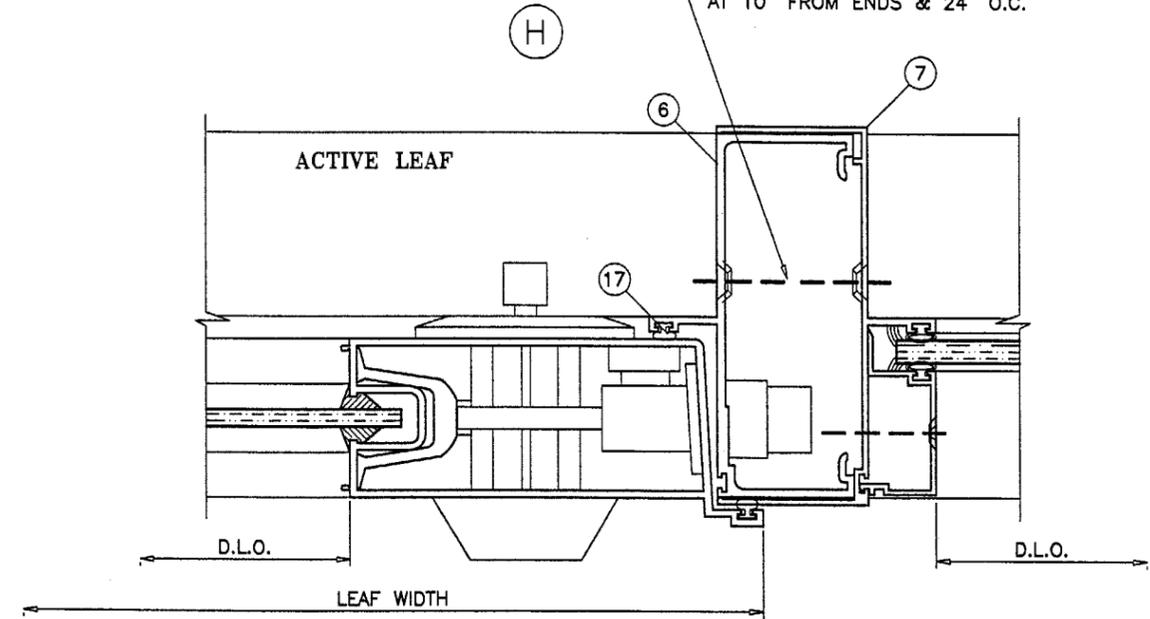


EXTERIOR

#10 X 1-1/4" SMS
@ 24" O.C. TYP.

#8 X 1-3/8" POST BINDING SCREWS
AT 10" FROM ENDS & 24" O.C.

TYPICAL ANCHORS
SEE ELEV. FOR SPACING



FLUSH BOLTS TO BE CONCEALED ON INACTIVE LEAFS
AND EXPOSED ON ALL ACTIVE LEAFS (FOR X OR XX DOORS)

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

JUL 17 2000

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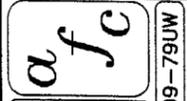
ALUM OUTSWING DOOR WITH SIDELITES
UNIVERSAL ALUMINUM WINDOWS
1675 W. 31ST PLACE
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revisions:	no	date	by	description

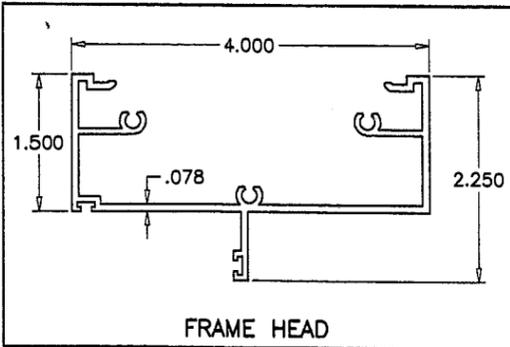
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chk. by:

drawing no.
W99-79

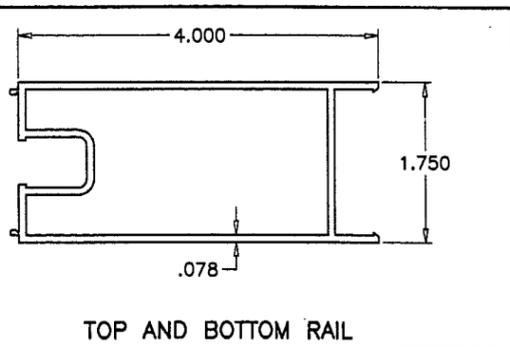
sheet 4 of 6



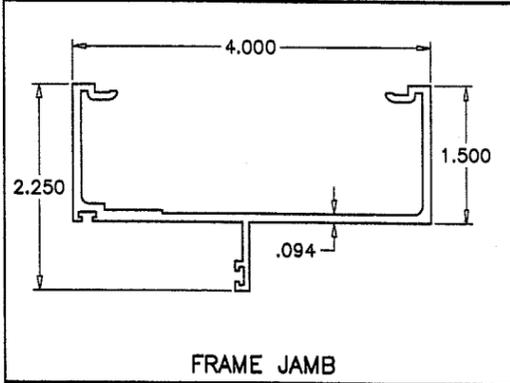
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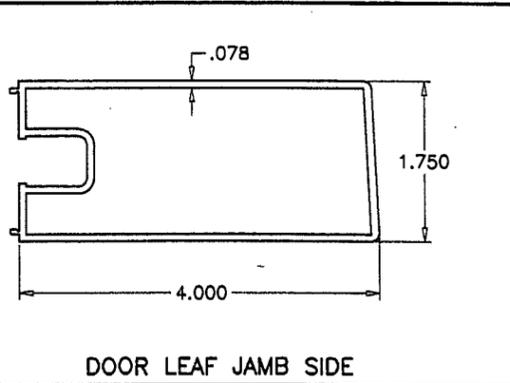
FRAME HEAD



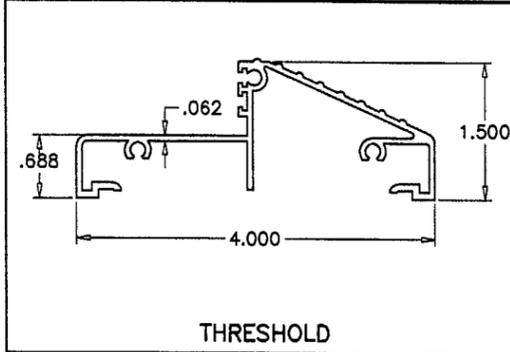
TOP AND BOTTOM RAIL



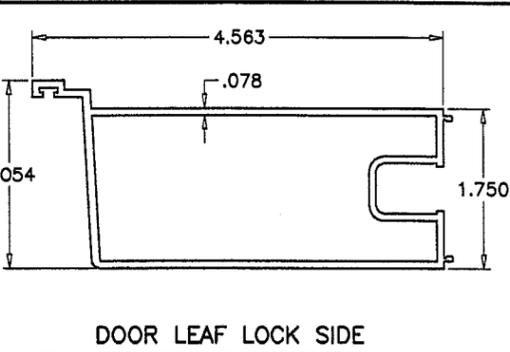
FRAME JAMB



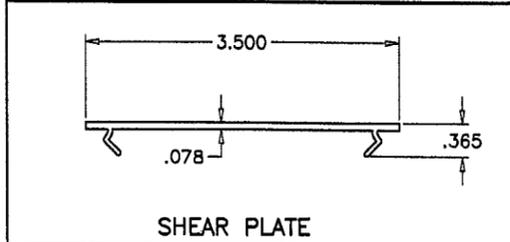
DOOR LEAF JAMB SIDE



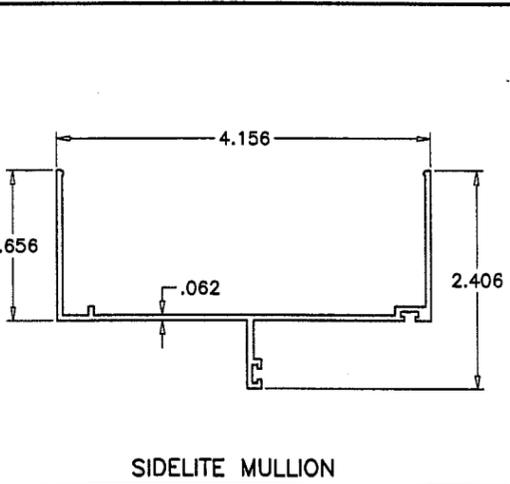
THRESHOLD



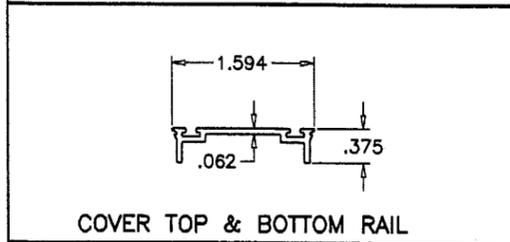
DOOR LEAF LOCK SIDE



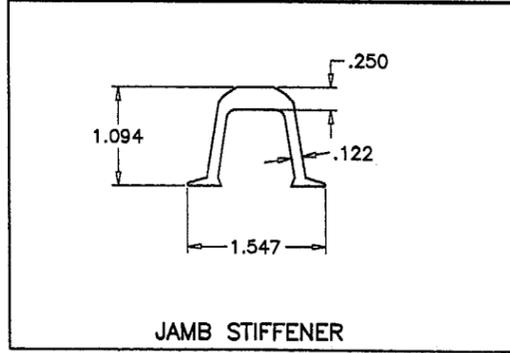
SHEAR PLATE



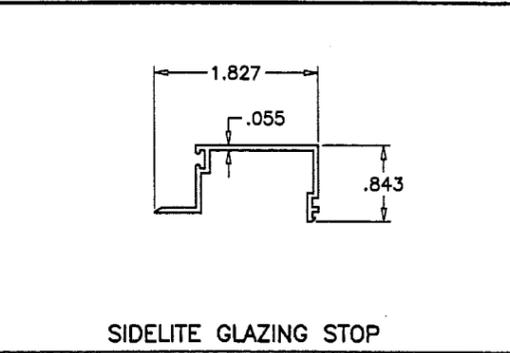
SIDELITE MULLION



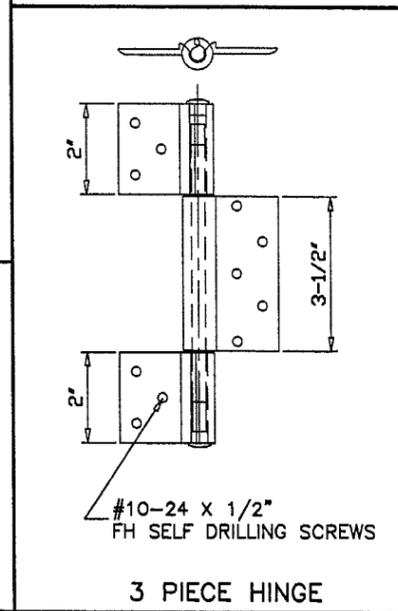
COVER TOP & BOTTOM RAIL



JAMB STIFFENER

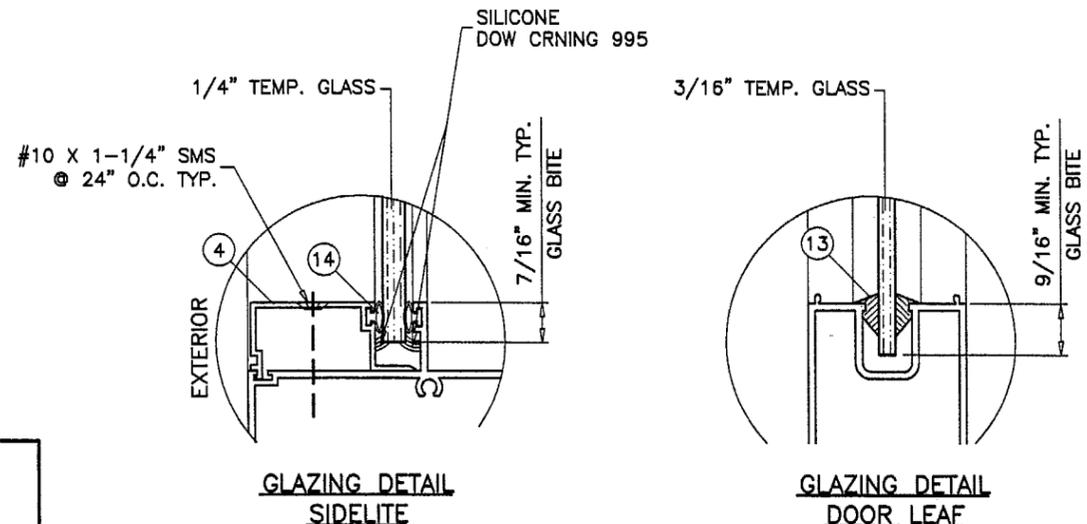


SIDELITE GLAZING STOP



3 PIECE HINGE

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	UA-1089	AS REQD.	FRAME HEAD	6063-T6	
2	UA-1092	2/ LEAF	TOP AND BOTTOM RAIL	6063-T6	-
3	UA-1094	1	DOOR FRAME SILL	6063-T6	-
4	UA-1100	AS REQD.	GLAZING BEAD - SIDELITE	6063-T6	-
5	UA-1096	2/ LEAF	SNAP COVER TOP & BOTTOM RAIL	6063-T5	-
6	UA-1091	2	DOOR FRAME JAMB	6063-T6	-
7	UA-1099	AS REQD.	SIDE LITE STILE	6063-T6	-
8	UA-1090	1/ LEAF	DOOR LEAF JAMB - HINGE SIDE	6063-T6	-
9	UA-1093	1/ LEAF	DOOR LEAF - LOCK SIDE	6063-T6	-
10	UA-1095	4/ LEAF	JAMB STIFFENER	6063-T6	4" LONG
11	A-4008	AS REQD.	SHEAR PLATE @ ANCHOR LOCATIONS	6063-T5	6-7/8" LONG
12	-	-	NOT USED	-	-
13	PS-1125	AS REQD.	WEDGE GASKET	VINYL	TREMCO
14	-	AS REQD.	BULB GASKET	VINYL	-
15	-	-	NOT USED	-	-
16	S-7800	AS REQD.	FIN-SEAL WEATHERSTRIPPING	-	.187 X .330
17	WV-3021	AS REQD.	BULB WEATHERSTRIPPING	VINYL	WIBORG
18	-	2/ LEAF	HINGE ASSEMBLY	-	-
19	UA-1097	1/ HINGE	HINGE CENTER HASP	6063-T6	-
20	UA-1098	2/ HINGE	HINGE OUTER HASP	6063-T6	-
21	-	1	DEAD BOLT LOCK SET	-	WESLOCK INTL. OR HARLOCK
22	-	2/ LEAF	MANUALLY OPERATED FLUSH BOLT	ZINC CAST	DELTA IND.
23	-	1	CONVENTIONAL DOOR KNOB SET	-	WESLOCK INTL. OR HARLOCK
24	-	2/ LEAF	3/8" DIA. THREADED ROD	STEEL	FULL LENGTH
25	#10X1"	AS REQD.	FRAME ASSY. SCREWS	-	PAN HEAD SMS



GLAZING DETAIL SIDELITE

GLAZING DETAIL DOOR LEAF

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. FE # 18557
JUL 17 2000

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE August 19, 2000
BY Ishag I. Chande
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0208-03

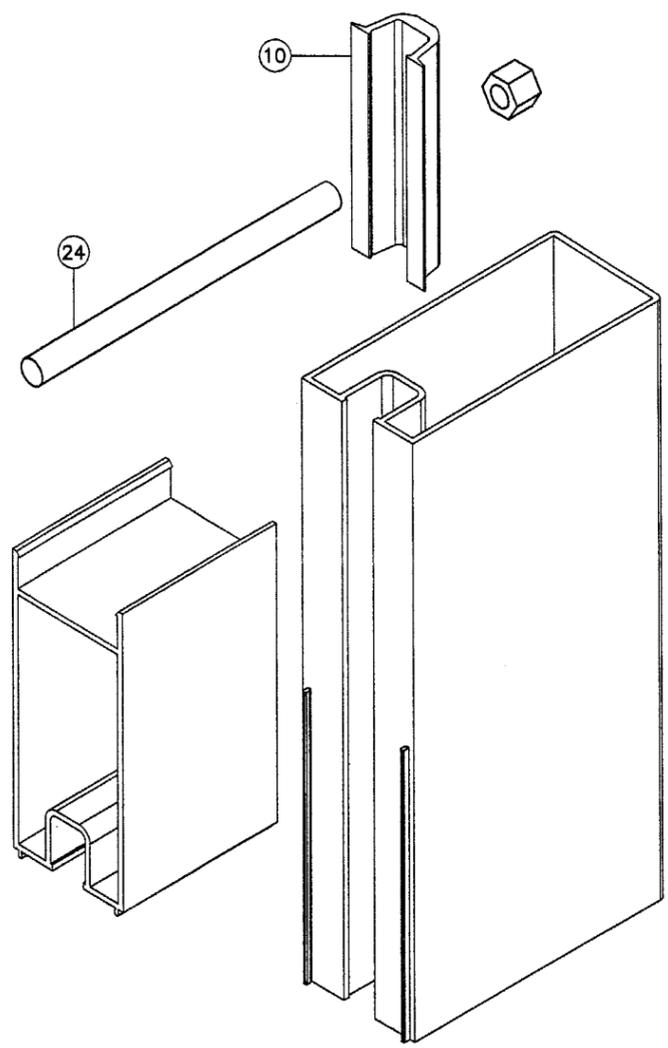
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANI\W99-79UW

ALUM OUTSWING DOOR WITH SIDELITES
UNIVERSAL ALUMINUM WINDOWS
1675 W. 31ST PLACE
HIALEAH, FL. 33012
TEL. (305) 825-7900 FAX (305) 825-5805

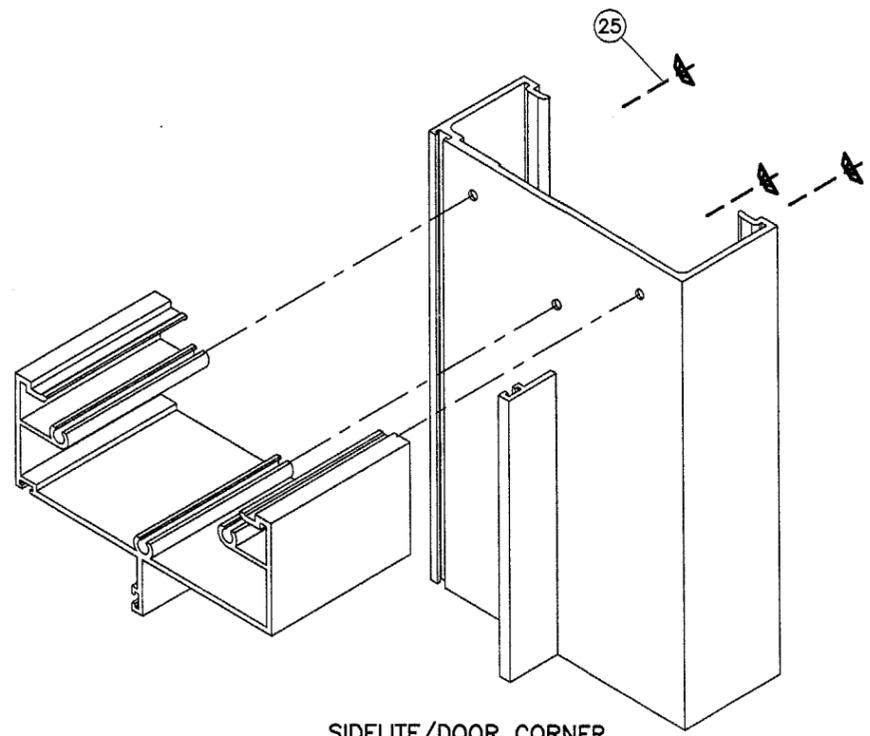
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dr. by: HAMID
chk. by:

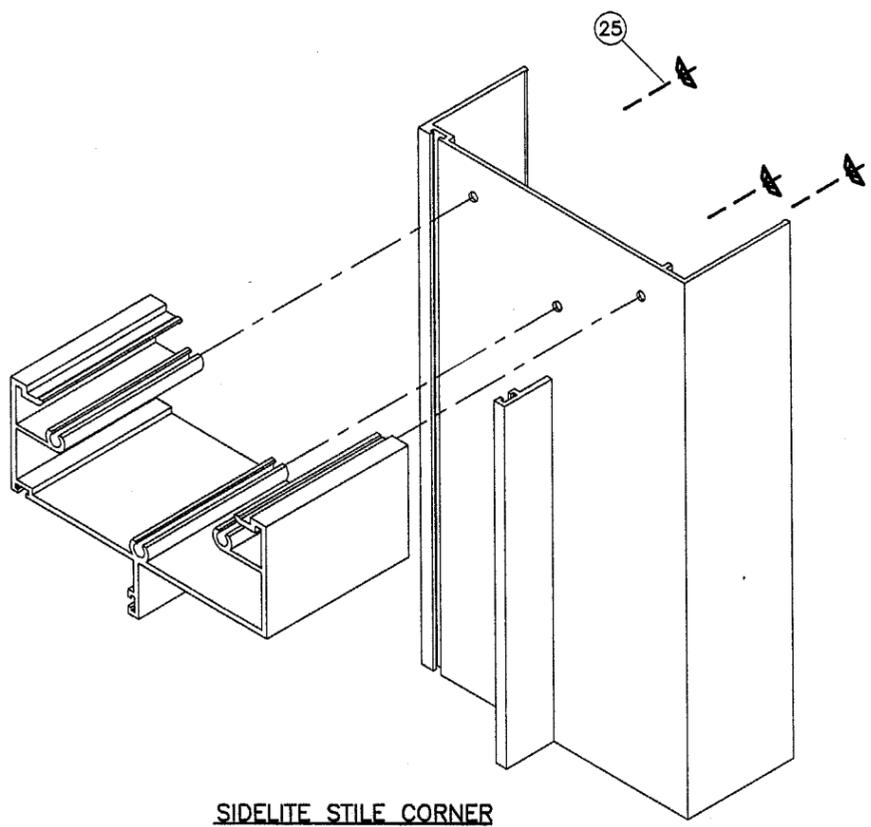
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W99-79
sheet 5 of 6



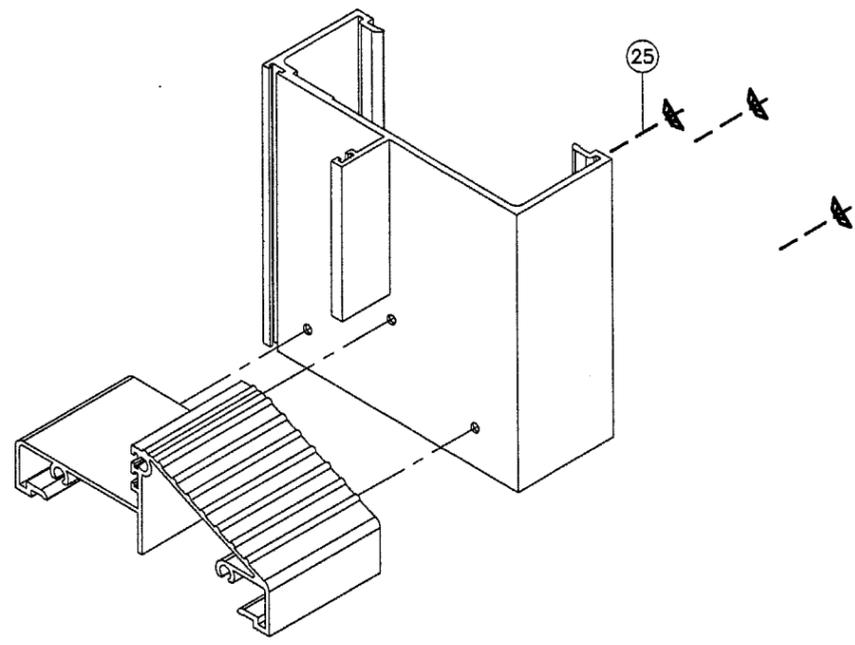
LEAF CORNER



SIDELITE/DOOR CORNER



SIDELITE STILE CORNER



DOOR SILL CORNER

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557

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JUL 17 2000

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sheet 6 of 6

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