



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

Doralum Corporation
7040 N. W. 77 Terrace
Miami, FL 33166

Your application for Notice of Acceptance (NOA) of:

Series 100 Outswing Aluminum Patio Doors 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.

ACCEPTANCE NO.: 01-0724.11
EXPIRES: 09/14/2006

Raul Rodriguez
Chief Product Control Division

**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: 08/30/2001

Doralum Corporation

ACCEPTANCE No. : 01-0724.11

APPROVED : AUG 30 2001

EXPIRES : September 14, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This **renews** the Notice of Acceptance No. **98-0611.03**, which was issued on October 8, 1998. It approves an outswing aluminum patio door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 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 "100" Outswing Aluminum Patio Doors with Sidelite**, and its components shall be constructed in strict compliance with the following documents: **Drawing No: W98-58**, Sheets 1 through 4 of 4, titled "Series 100 Alum. Swing Door w/ Sidelites," prepared by manufacturer, dated 07/31/98, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of pair of doors and single door with, or without, sidelites, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.

4. INSTALLATION

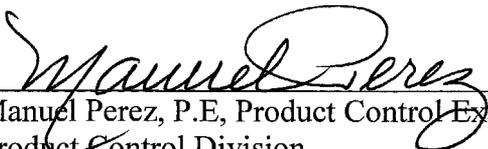
- 4.1 The outswing aluminum patio doors and its components shall be installed in strict compliance with the approved drawings.
- 4.2 The installation of this product **will require** a hurricane protection system.

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.


Manuel Perez, P.E, Product Control Examiner
Product Control Division

Doralum Corporation

ACCEPTANCE No. : 01-0724.11

APPROVED : AUG 30 2001

EXPIRES : September 14, 2006

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 documents, 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 Approval", 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 purposes.
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.

END OF THIS ACCEPTANCE



Manuel Perez, P.E, Product Control Examiner
Product Control Division

Doralum Corporation

ACCEPTANCE No. : 01-0724.11

APPROVED : AUG 30 2001

EXPIRES : September 14, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections
2. Drawing No.: **W98-58**, Sheets 1 through 4 of 4, titled "Series 100 Alum. Swing Door w/ Sidelites," prepared by manufacturer, dated 07/31/98, signed and sealed by Humayoun Farooq, P.E..

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94.along with installation diagram of an aluminum out-swinging patio entrance door with fixed light, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1051**, dated December 21, 1994, signed and sealed by Yamil G. Kuri, P.E

C. CALCULATIONS

1. Comparative analysis, prepared by Al-Farooq Corp., dated 7/10/01, signed and sealed by Humayoun Farooq, P.E

D. MATERIAL CERTIFICATIONS

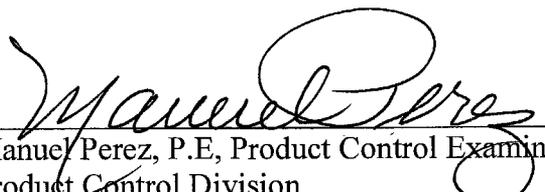
1. None

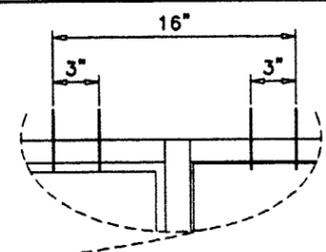
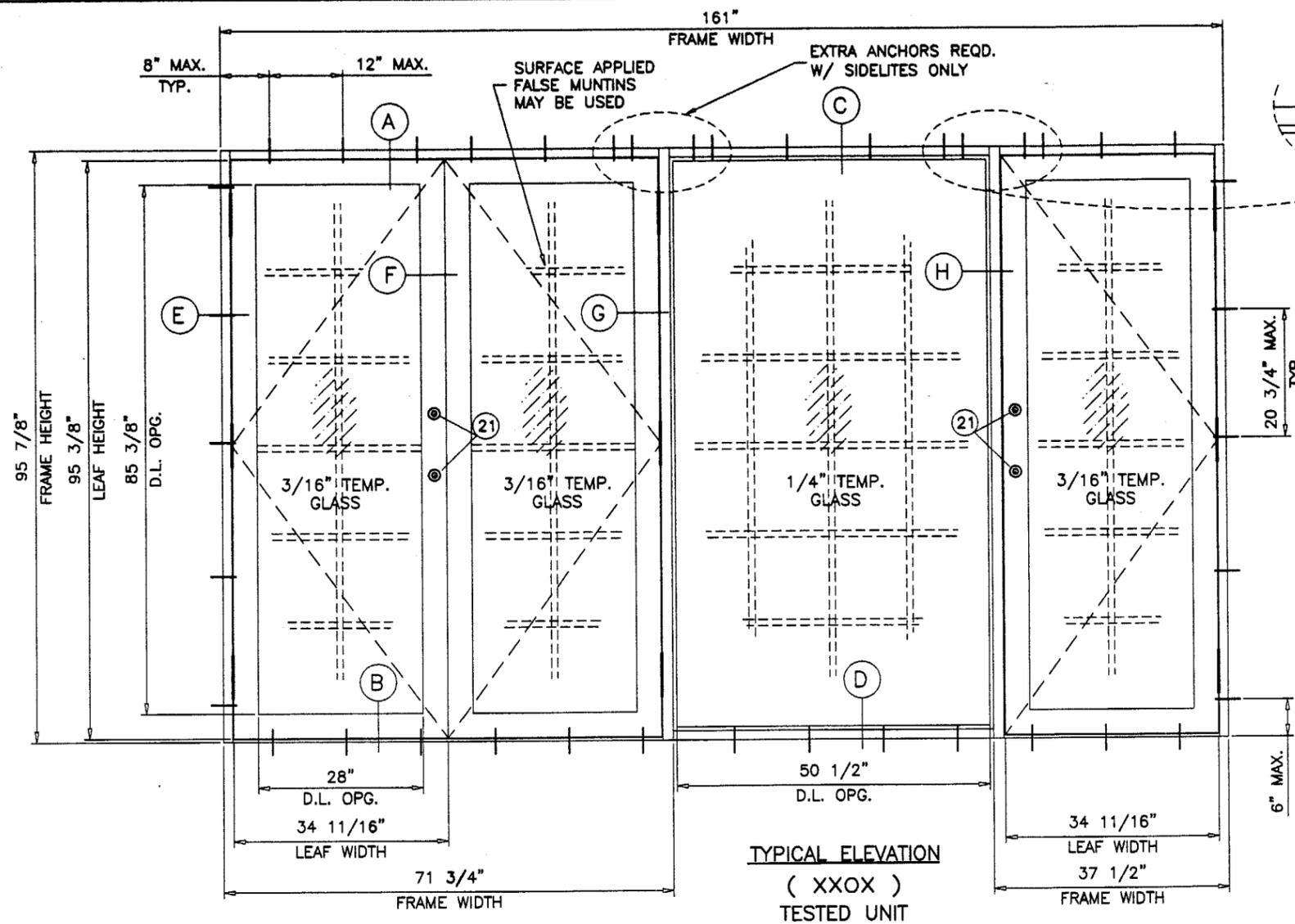
E. STATEMENTS

1. Engineer still in practice statement letter, dated 7/10/01, signed by H. Farooq, P.E.

F. OTHER

1. Notice of Acceptance No. **98-0611.03**, issued to Duralum Corporation for their Alum. Swing Door w/ Sidelites, approved on 10/08/98 and expiring on 09/14/01.


Manuel Perez, P.E, Product Control Examiner
Product Control Division



DOORS WITH 3/16\" TEMP. GLASS			
NOMINAL DIMS.		DESIGN LOAD - PSF	
DOOR HEIGHT	LEAF WIDTH	EXT.	INT.
6/8	2/6	71.4	91.3
	2/8	68.0	86.9
	2/10	65.0	83.1
	3/0	62.4	79.8
8/0	2/6	57.3	73.3
	2/8	54.4	69.5
	2/10	51.8	66.3
	3/0	49.6	63.4

**SERIES-100 ALUMINUM ENTRANCE DOOR
COMPARATIVE ANALYSIS CHART**

BASED ON FTL-1051 DATED 12-21-94
 TEST SIZE = 72\" X 96\" (2LEAF)
 DESIGN LOADS = +49.6, -63.4 PSF
 WATER INFILTRATION TEST = 10.1 PSF
 TESTED GLASS = 3/16\" TEMPERED

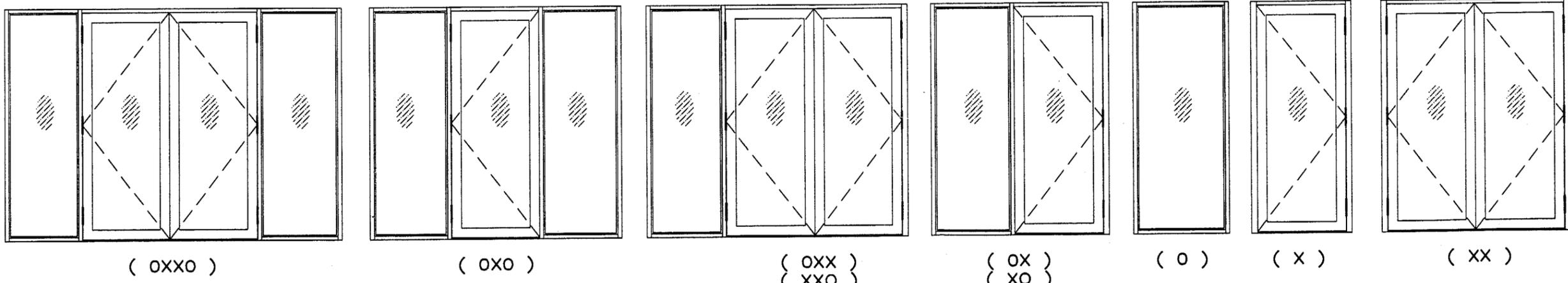
IMPACT RESISTANT SHUTTERS REQUIRED

HEIGHTS:

NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT	DAYLITE DPG.
6/8	79-7/8'	77-3/8'	69-3/8'
8/0	95-7/8'	93-3/8'	85-3/8'

WIDTHS:

NOMINAL WIDTH	FRAME WIDTH	LEAF WIDTH	DAYLITE DPG.
2/6 (X)	31-1/2'	28-11/16'	20'
3/0 (X)	37-1/2'	34-11/16'	26'
5/0 (XX)	59-3/4'	28-11/16'	20'
6/0 (XX)	71-3/4'	34-11/16'	26'



APPROVED CONFIGURATIONS

- NOTES:**
- 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.
 - 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.
 - ALL STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED.

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 JUL 16 2001

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE **AUG 30 2001**
 BY *Muhammad*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0724.11

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W98-58PW

SERIES-100 ALUM SWING DOOR W/ SIDELITES
DORALUM CORPORATION
 7040 N.W. 77 TER.
 MEDLEY, FL. 33166
 TEL. (305) 884-3922 FAX (305) 884-1464

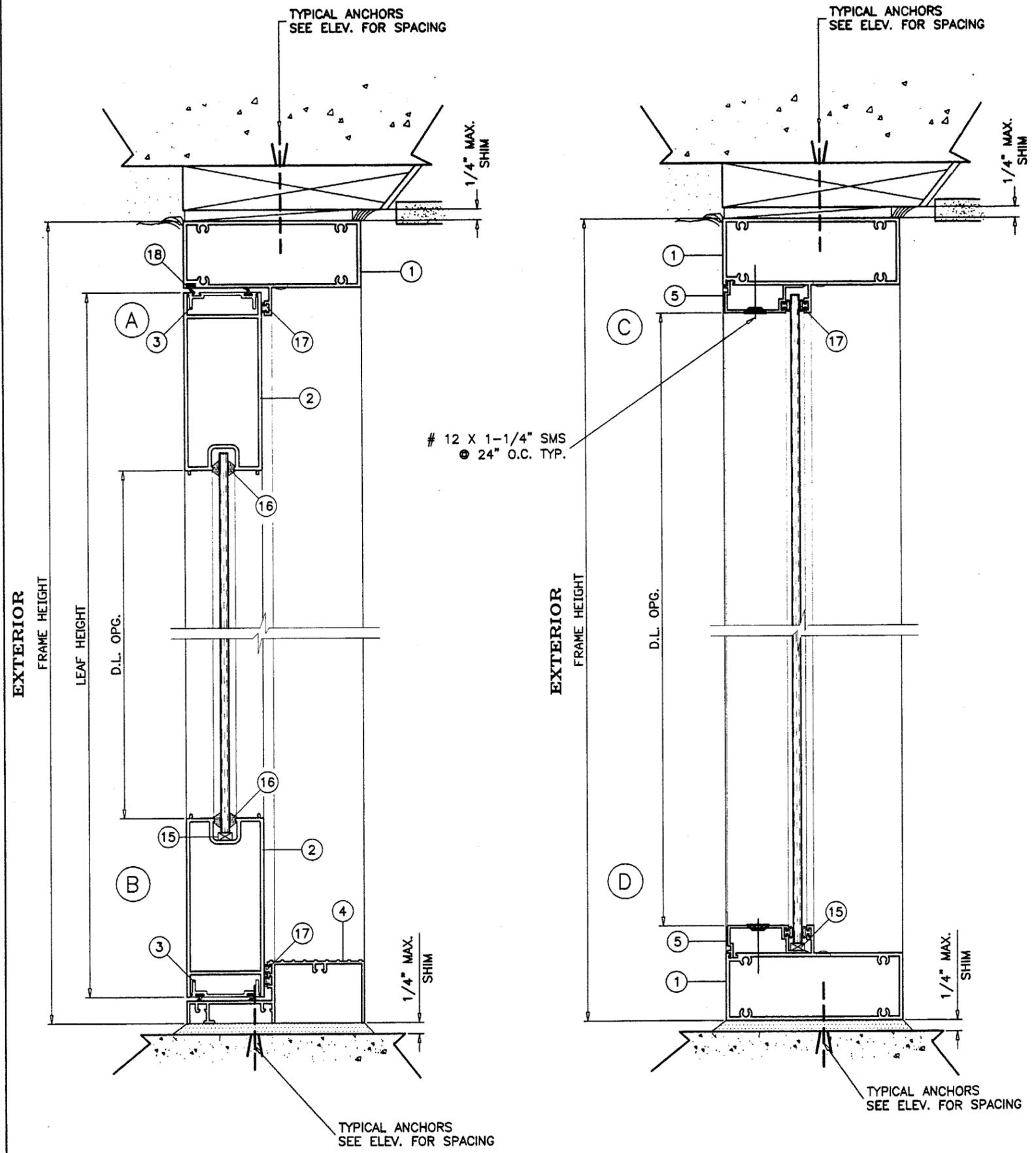
revisions:	no	date	by	description

date: 07-31-98
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W98-58

sheet 1 of 4

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



- TYPICAL ANCHORS:** SEE ELEV. FOR SPACING
- A. INTO 2BY WOOD BUCKS OR WOOD STRUCTURE # 14 SMS, 1-1/2" MIN. EMBED.
 - B. INTO 1BY WOOD BUCKS OR INTO MASONRY 1/4" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

SEALANTS:
 FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND ALL METAL PARTS CONNECTIONS SEALED WITH CLEAR COLORED SEALANT.

LOCKS:
 STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 53" FROM BOTTOM
 CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 43" FROM BOTTOM
 CONCEALED THROW BOLTS AT TOP & BOTTOM OF EACH INACTIVE LEAF LOCK STILE
 MANUALLY OPERATED SLIDE BAR 3/4" X 1/4" X 12" LONG AT TOP & BOTTOM OF EACH ACTIVE LEAF LOCK STILE

HINGES:
 EXTRUDED ALUMINUM BUTT HINGE 1/8" THICK AND 7" LONG WITH 5/16" PLATED STEEL ROD AT EACH LEAF JAMB STILE ONE EACH AT 7" FROM TOP & BOTTOM AND ONE AT MIDSPAN

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

[Signature]
 JUL 16 2001

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
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 BY *[Signature]*
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afc

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revisions:	
no	date by description

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drawing no. W98-58		sheet 2 of 4	

afc

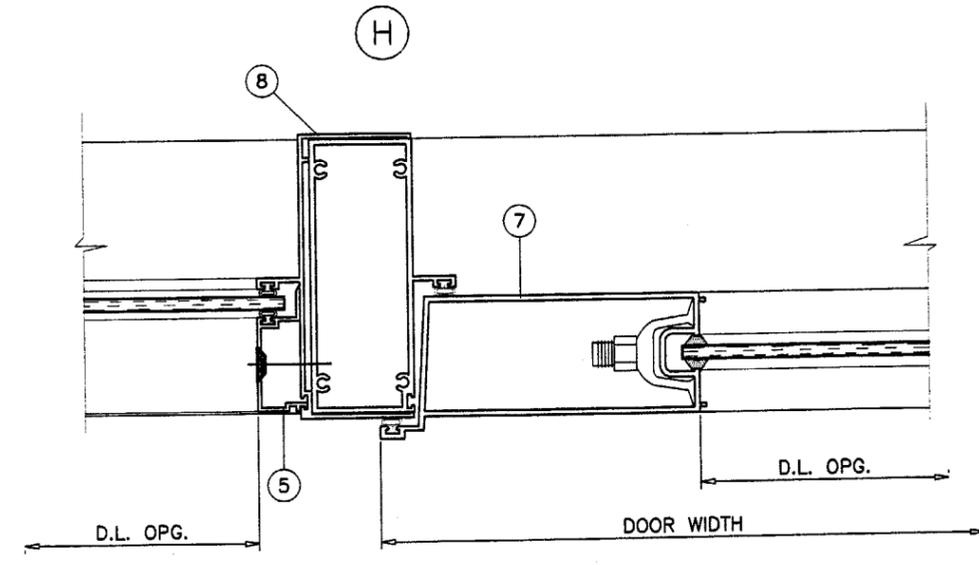
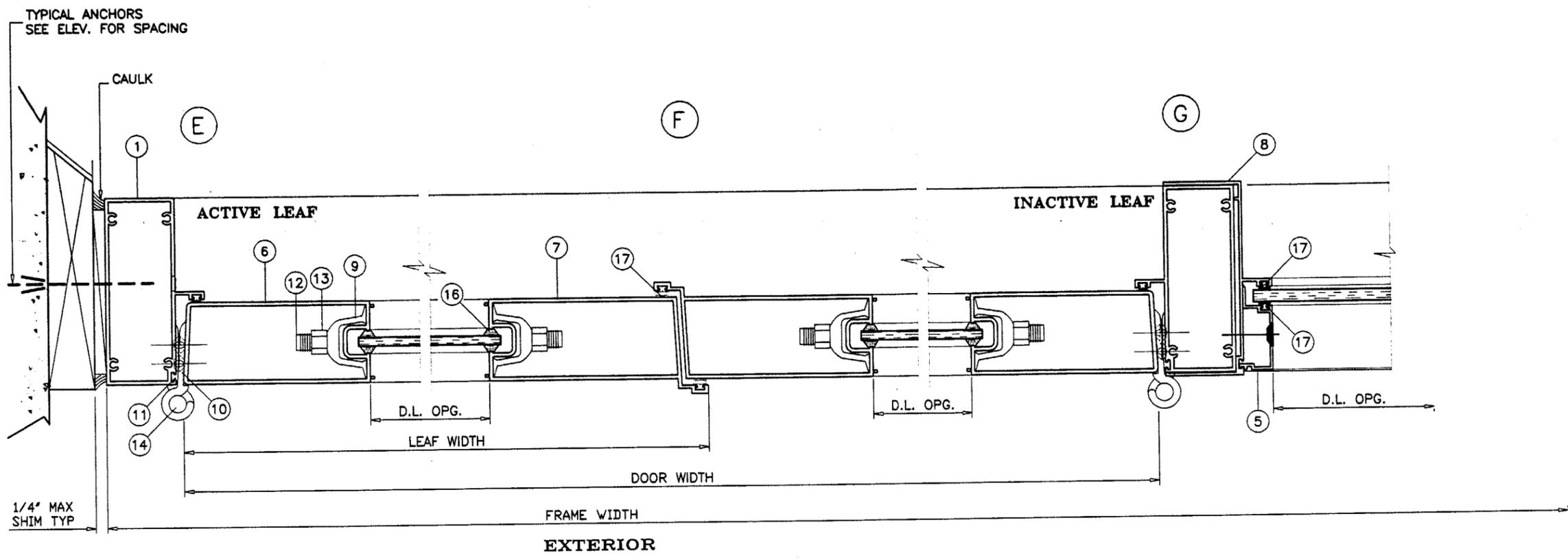
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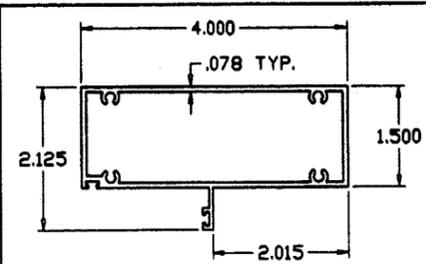
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drawing no.
W98-58
 sheet 3 of 4

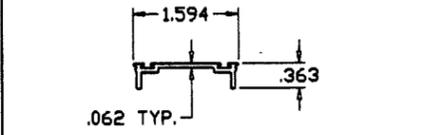


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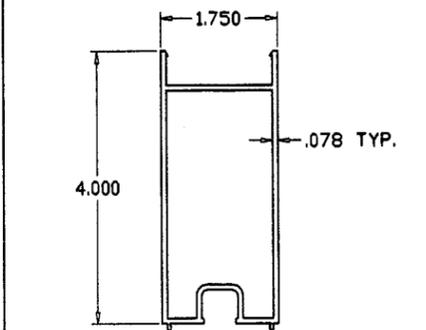
APPROVED AS COMPLYING WITH THE
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 DATE **AUG 30 2001**
 BY *Maunul Siraj*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
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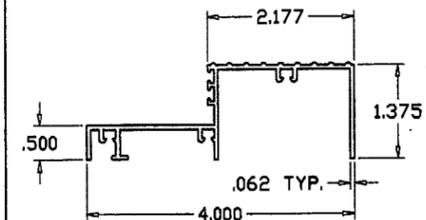
FRAME HEAD/JAMB



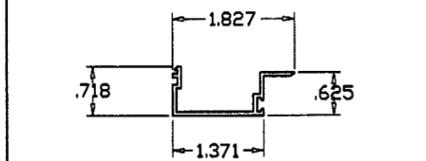
WEATHERSTRIP ADAPTER



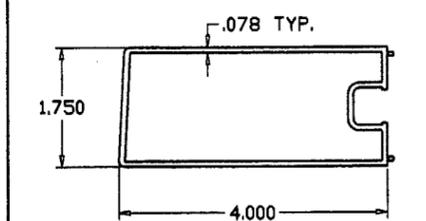
TOP/BOTTOM RAIL



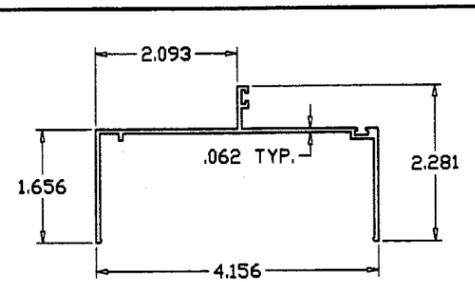
TOP/BOTTOM RAIL



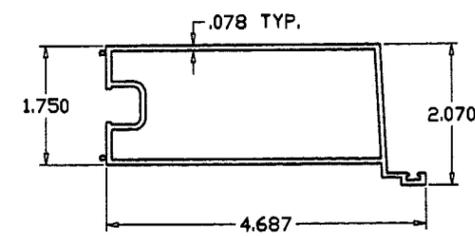
SIDE LITE GLAZING BEAD



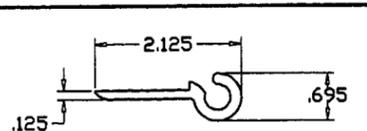
HINGE STILE



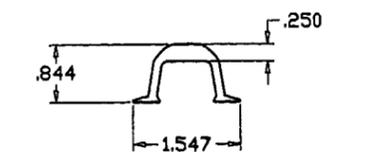
SIDE LITE JAMB



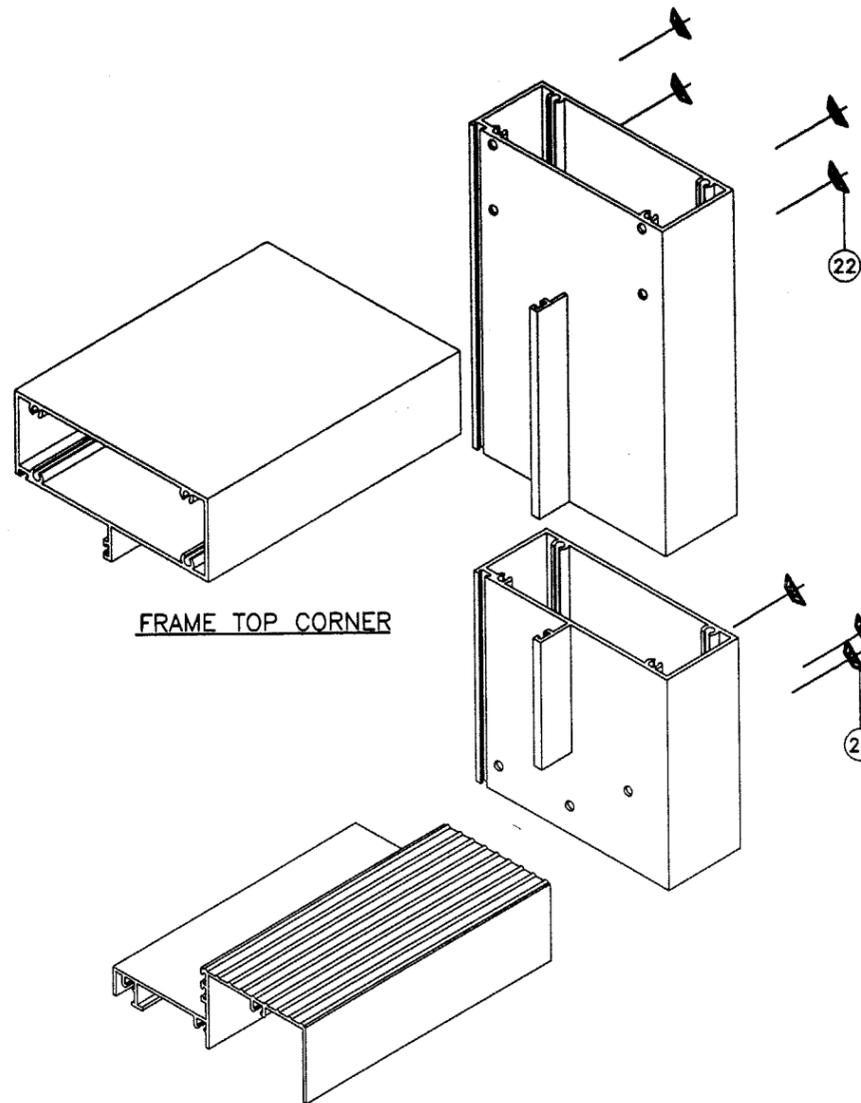
LOCK STILE



HINGE



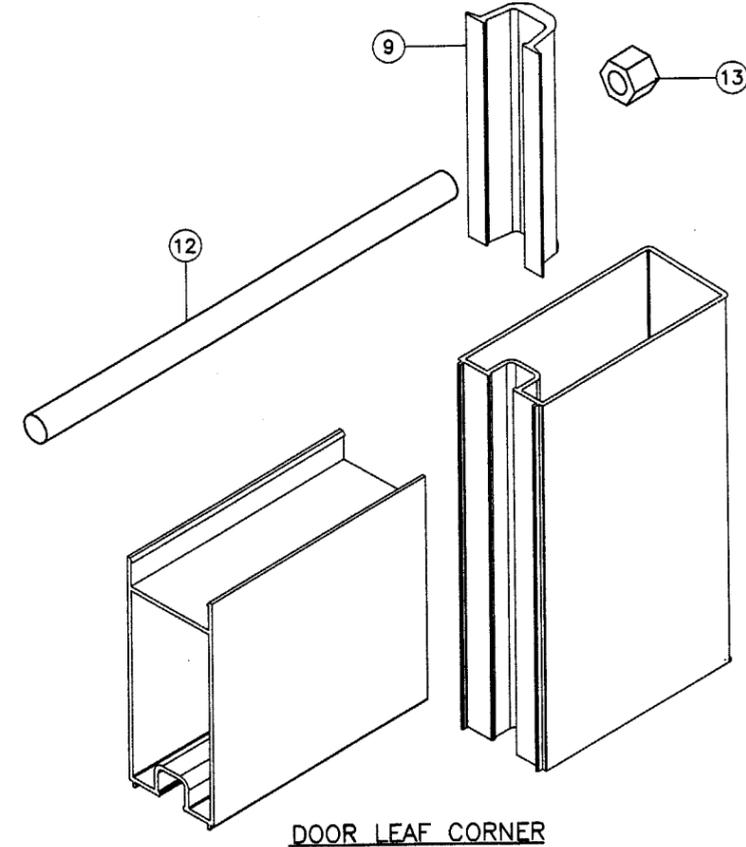
ASSEMBLY STIFFENER



FRAME TOP CORNER

FRAME BOTTOM CORNER

ITEM #	PART #	REQD.	DESCRIPTION	MATERIALS/REMARKS
1	SW-28899	3/DOOR	FRAME HEAD/JAMB	6063-T6
2	SW-28900	2/LEAF	DOOR TOP/BOTTOM RAIL	6061-T6
3	SW-28904	AS REQD.	WEATHERSTRIP ADAPTER	6063-T6
4	SW-28898	1/DOOR	THRESHOLD	6063-T6
5	SW-28902	AS REQD.	SIDE LITE GLAZING BEAD	6063-T6
6	SW-28896	1/LEAF	HINGE STILE	6063-T6
7	SW-28901	1/LEAF	LOCK STILE	6063-T6
8	SW-28897	AS REQD.	SIDELITE JAMB	6063-T6
9	SW-28903	1/CORNER	ASSEMBLY STIFFENER	6063-T6
10	SW-29244	3/LEAF	HINGE DOOR PORTION	6063-T5
11	SW-29245	3/LEAF	HINGE FRAME PORTION	6063-T5
12	-	2/LEAF	3/8" X 16 X 32" LONG THREADED ROD	STEEL
13	-	2/LEAF	3/8" X 16 NUT	-
14	-	1/HINGE	5/16" X 6" ROD	PLATED STEEL
15	-	8/LEAF	1/4" SETTING BLOCK	NYLON
16	PW-100	AS REQD.	GLAZING WEDGE	VINYL
17	PW-101	AS REQD.	BULB WEATHERSTRIPPING	VINYL
18	PB-8400	AS REQD.	PILE WEATHERSTRIPPING	SCHLEGEL
19	SILICONE PLUS	-	SILICONE	DDW CORNING DR EQUIV.
20	5025	AS REQD.	FLUSH BOLTS	DELTA IND. DR EQUIV.
21	CP-B111	-	ENTRY LOCKSET	TACD DR WESTLOCK
22	#10X1' PHPS	# 10X1' PHPS	ASSEMBLY SCREWS	AT ALL FRAME JOINTS



DOOR LEAF CORNER

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

JUL 16 2001

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sheet 4 of 4