



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

TRACO Security Windows & Doors, Inc.
5100 NW 72 Avenue
Miami, FL 33166

Your application for Notice of Acceptance (NOA) of:

Series Doral 3 Outswing Aluminum Patio Door

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.: 01-0910.05
EXPIRES: 09/14/2006

**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: 10/11/2001

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This **renews** the notice of Acceptance (NOA) No. 98-0928.03, which was issued on October 29, 1998, under the name of Security Aluminum Windows & Doors. It renews the approval of an aluminum door, as described in Section 2 of this NOA, 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 Doral 3 Outswing Aluminum Patio Door** and its components shall be constructed in strict compliance with the following documents: Drawing No. W98-71 titled "Series Doral 3 Alum. Out-Swing Door" Sheets 1 thru 4 of 4, dated 9/02/01 with a revision date of 09/19/01, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration 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 only, 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 door 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 panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

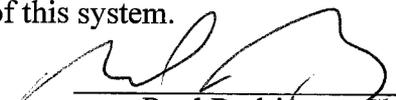
6. BUILDING PERMIT REQUIREMENTS

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.



Raul Rodriguez, Chief
Product Control Division

APPROVED: October 11, 2001

EXPIRES: July 30, 2006

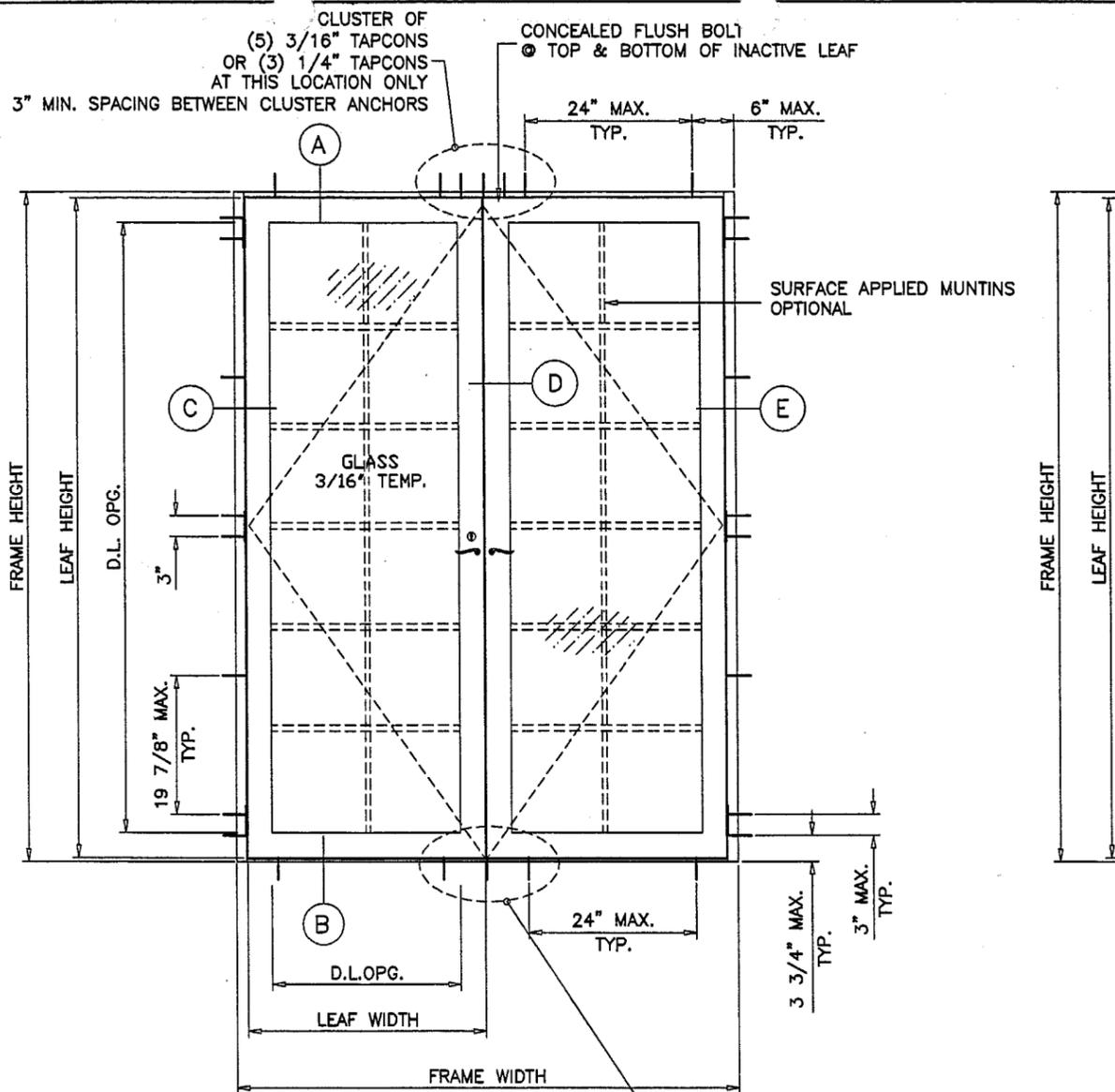
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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

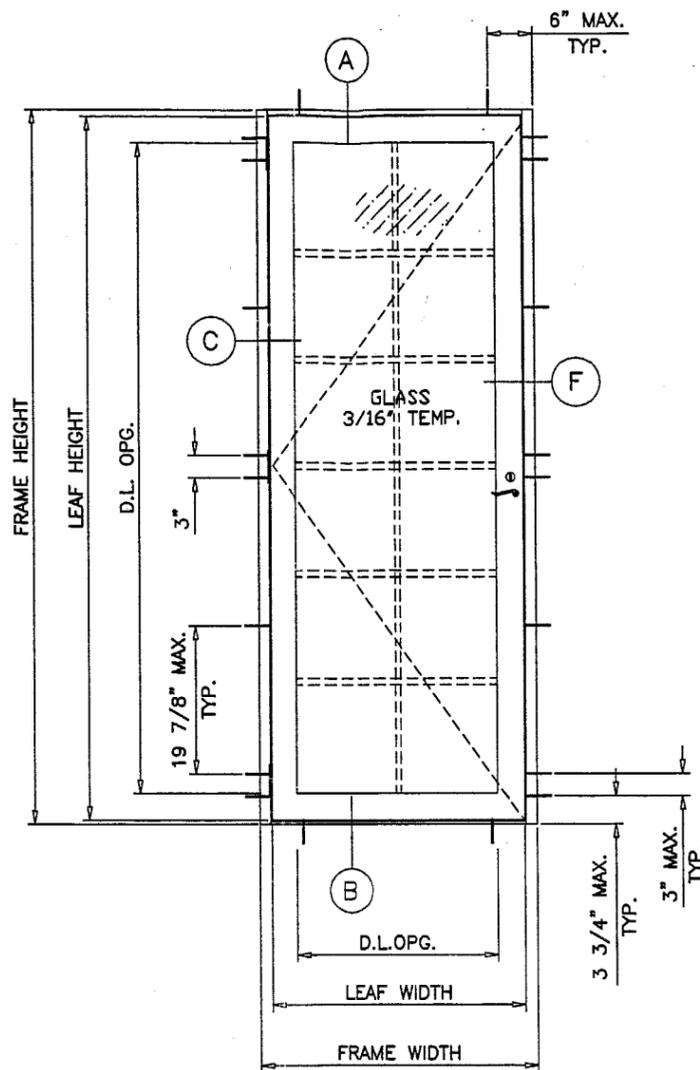


Raul Rodriguez, Chief
Product Control Division



TYPICAL ELEVATION
(XX)

USE CLUSTER OF
(3) 3/16" TAPCONS
AT THIS LOCATION ONLY
6" MIN. SPACING BETWEEN CLUSTER ANCHORS



TYPICAL ELEVATION
(X)

DOORS WITH 3/16" TEMPERED GLASS			
NOMINAL DIMS.		DESIGN LOAD - PSF	
DOOR HEIGHT	PANEL WIDTH	EXT.	INT.
6/8	2/6	83.5	83.5
	2/8	78.3	78.3
	3/0	69.6	69.6
8/0	2/6	69.6	69.6
	2/8	65.2	65.2
	3/0	58.0	58.0

SERIES DORAL 3
ALUMINUM OUT-SWING ENTRANCE DOOR
COMPARATIVE ANALYSIS CHART

BASED ON MTL-16160 OF 07-07-94
TEST SIZE = 72" X 96" (XX)
DESIGN LOADS = +58.0, -58.0 PSF
WATER INFILTRATION TEST = 11.7 PSF
TESTED GLASS = 3/16" TEMPERED.

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.

**IMPACT RESISTANT SHUTTERS
REQUIRED**

HEIGHTS:

NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT	DAYLITE DPG.
6/8	80"	78-1/2"	71-5/8"
7/0	84"	82-1/2"	75-5/8"
8/0	96"	94-1/2"	87-5/8"

WIDTHS:

NOMINAL WIDTH	FRAME WIDTH	LEAF WIDTH	DAYLITE DPG.
2/6 (X)	31-5/8"	28-1/2"	21-5/8"
2/8 (X)	33-5/8"	30-1/2"	23-5/8"
3/0 (X)	37-5/8"	34-1/2"	27-5/8"
5/0 (XX)	60"	28-1/2"	21-5/8"
5/4 (XX)	64"	30-1/2"	23-5/8"
6/0 (XX)	72"	34-1/2"	27-5/8"

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

[Signature]
SEP 19 2001

PRODUCT RENEWED

ACCEPTANCE No. 01-0910.05

EXPIRATION DATE SEP 14, 2006

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W98-71SW

SERIES DORAL 3 ALUM. OUT-SWING DOOR
TRACO SECURITY WINDOWS & DOORS INC.
5100 N.W. 72 AVE.
MIAMI, FL. 33166
TEL. (305) 591-8990

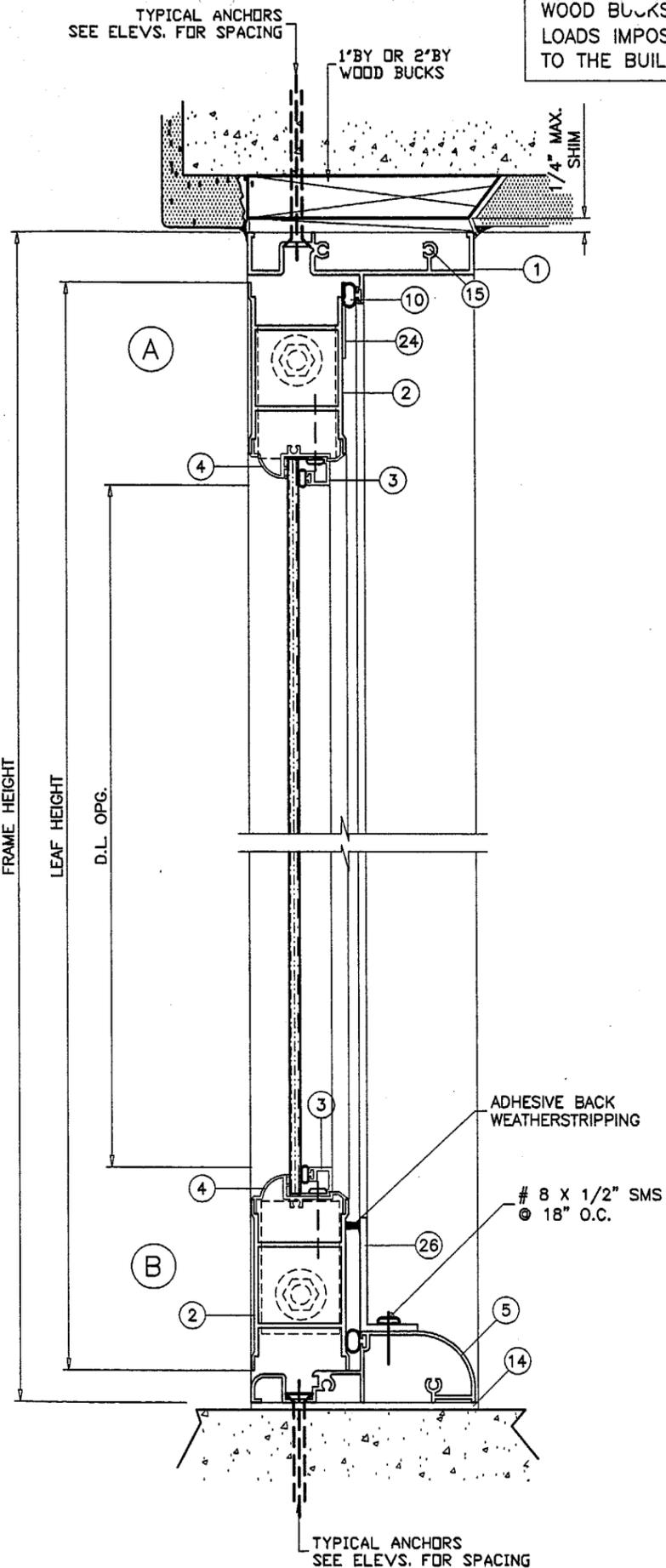
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date: 09-02-98
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W98-71

sheet 1 of 4

EXTERIOR



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

MATERIALS LIST					
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SEG-338	1	ATRIUM FRAME HEAD	6063-T6	TIFTON OR EQUIV.
2	AF-10354	2/ LEAF	DOOR LEAF TOP & BOTTOM RAIL	6063-T5	ALUMAX OR EQUIV.
3	AF-9315	4/ LEAF	EXTRUDED GLAZING CHANNEL	6063-T5	ALUMAX OR EQUIV.
4	SEG-372	4/ LEAF	GLAZING SUB FRAME	6063-T6	TIFTON OR EQUIV.
5	AF-9960	1	THRESHOLD	6063-T5	ALUMAX OR EQUIV.
6	SEG-292	2	ATRIUM FRAME JAMB	6063-T5	TIFTON OR EQUIV.
7	SEG-229	2/ LEAF	RESIDENTIAL DOOR PANEL VERTICAL STILE	6063-T5	TIFTON OR EQUIV.
8	SEG-175	1/ LEAF	GAP CLOSURE	6063-T5	TIFTON OR EQUIV.
9	SF-48	AS REQD.	INSTALLATION CLIP (4" LG.) AT ANCHORS	6063-T5	TIFTON OR EQUIV.
10	WY-3163	AS REQD.	BULB WEATHERSTRIPPING	VINYL	WIBORG OR EQUIV.
11	WY-9810	AS REQD.	FLAP WEATHER STRIPPING	VINYL	WIBORG OR EQUIV.
12	-	-	-	-	-
13	-	AS REQD.	#8 X 1" PPH. SMS. @ 15" O.C.	-	-
14	AS REQD.	-	1/8" SHIM	PLASTIC	-
15	-	8/ FRAME	#10 X 1" DOOR FRAME ASSEMBLY SCREW	-	-
16	007-14-039	AS REQD.	DOOR HANDLE	-	MARBOLLO
17	-	4/ LEAF	1/2" SELF LOCK NUT	STEEL	-
18	-	2/ LEAF	1/2" ROD (2 X PANELS)	STEEL	-
19	-	4/ LEAF	1/2" FLAT WASHER	STEEL	-
20	-	4/ LEAF	1/2" REGULAR NUT	-	-
21	SEG-181	3/ LEAF	HINGES	-	-
22	-	2/ LEAF	STANDARD FLUSH BOLT	-	-
23	-	-	-	-	-
24	TA-303	-	1" X .050 BAR (BETWEEN VERTICALS)	ALUMINUM	-
25	-	4/ LEAF	BLOCK ROD GUIDE	-	-
26	-	1	1 X 2 X 1/8" ANGLE	ALUMINUM	SILL RISER

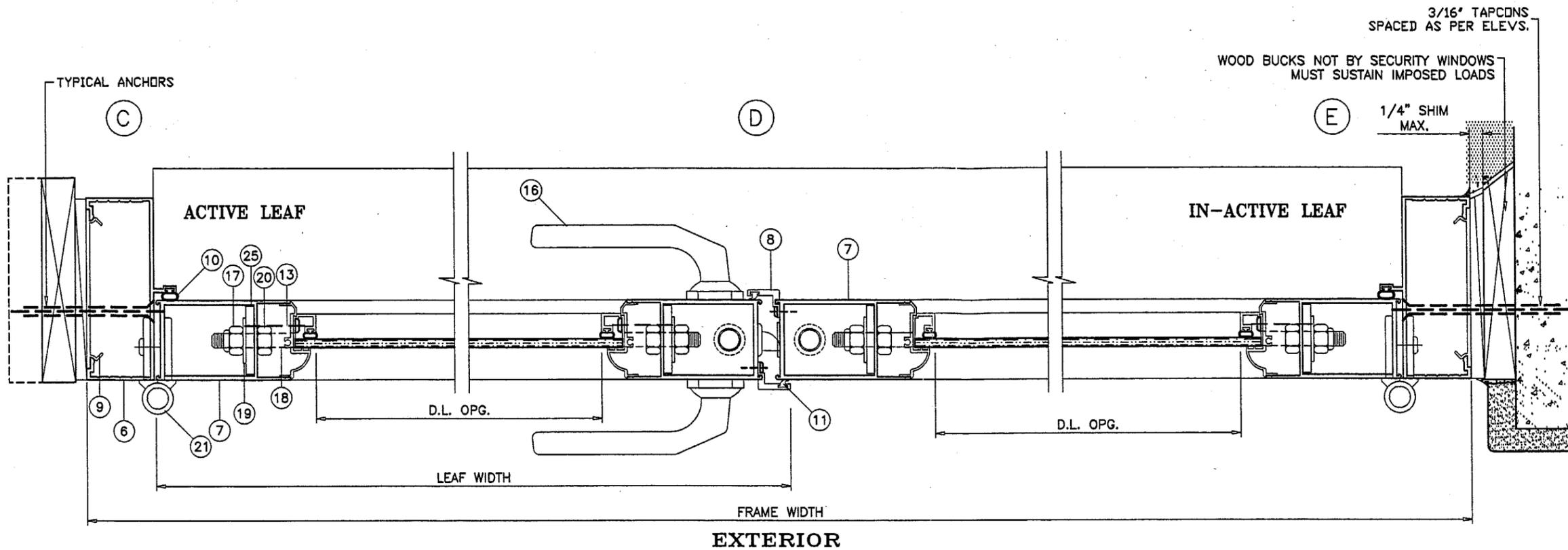
AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W98-71SW

SERIES DORAL 3 ALUM. OUT-SWING DOOR
TRACO SECURITY WINDOWS & DOORS INC.
 5100 N.W. 72 AVE.
 MIAMI, FL. 33166
 TEL. (305) 591-8990

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 SEP 19 2001

PRODUCT RENEWED
 ACCEPTANCE No. 01-0910.05
 EXPIRATION DATE Sep. 14, 2006
 By: [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

revisions:	no	date	by	description
date:	09-02-98	scale:	3/8" = 1"	dr. by:
				HAMID
				chk. by:
drawing no.	W98-71			
sheet	2 of 4			



TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 # 12 X 3" SMS
 THRU 1BY WOOD BUCKS INTO MASONRY
 3/16" TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

SEALANTS:
 ALL FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND JAMBS
 AND BOTTOM GLAZING BEAD SEALED WITH SCHNEE MOREHEAD 5504 SEALANT.

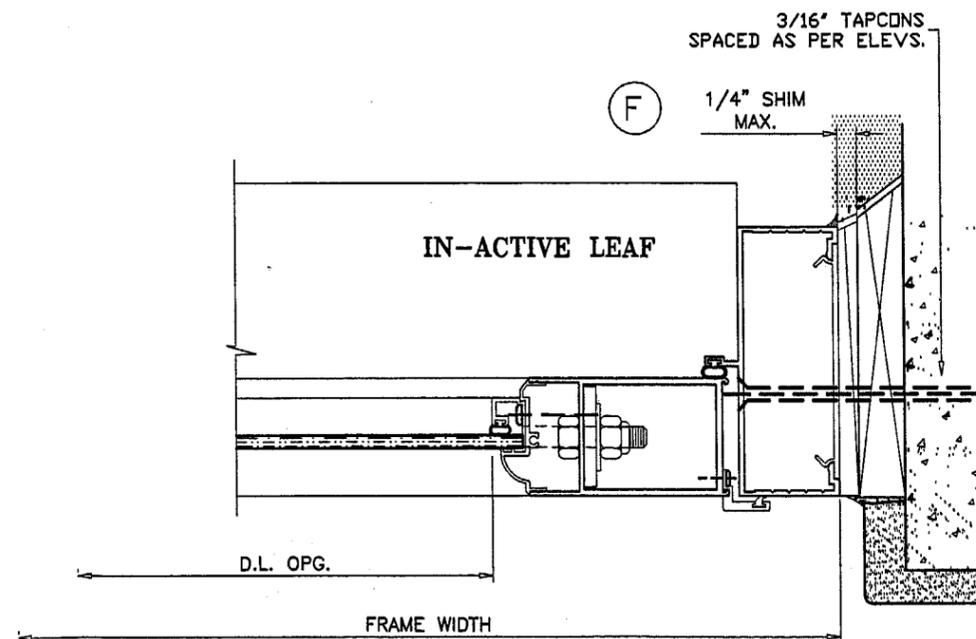
HINGES:
 4" LONG ALUM. BUTT HINGES
 WITH .312 DIA. X 2-1/2" ALUM PIN, BRASS SPACER & NYLON CAPS
 AT 3-1/2" FROM TOP & BOTTOM AND AT MIDSPAN

LOCKS:
 STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR
 AND THUMB TURN ON INTERIOR
 39-1/2" FROM BOTTOM AT ACTIVE LEAF LOCK STILE

CONVENTIONAL LOCKSET WITH LEVER TYPE OPERATOR HANDLE
 AT ACTIVE LEAF LOCK STILE NEAR MIDSPAN

STANDARD FLUSH BOLTS, MANUALLY OPERATED
 AT TOP AND BOTTOM OF EACH ACTIVE AND INACTIVE LEAF

GLAZING METHOD:
 INTERIOR GLAZED USING ADHESIVE BEDDING COMPOUND AND
 ALUM. SNAP ON GLAZING BEAD WITH VINYL WEDGE BETWEEN BEAD & GLASS.
GLAZING BITE = 5/16" TYPICAL



Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
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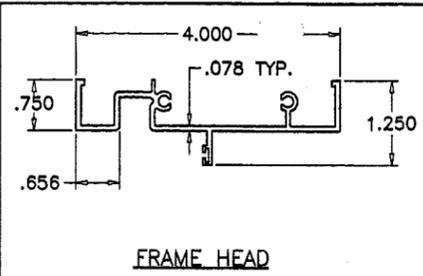
By *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

afc
AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W98-71SW

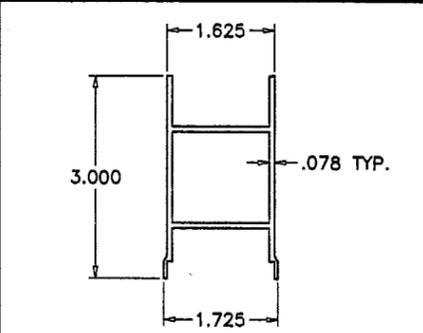
SERIES DORAL 3 ALUM. OUT-SWING DOOR
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 MIAMI, FL. 33166
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revisions:	no	date	description

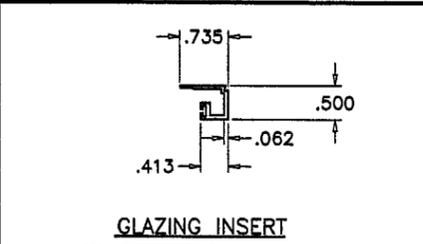
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 dr. by: HAMID
 chk. by:
 drawing no. **W98-71**
 sheet 3 of 4



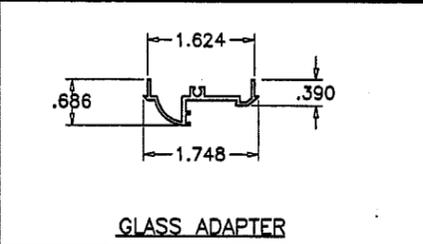
FRAME HEAD



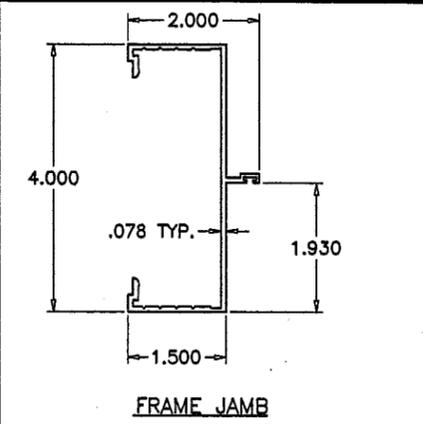
DOOR LEAF HEAD & SILL



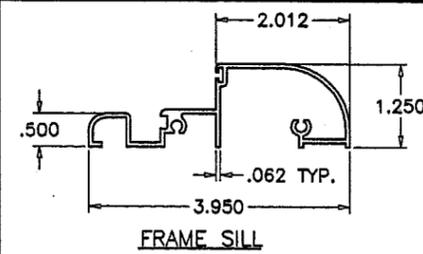
GLAZING INSERT



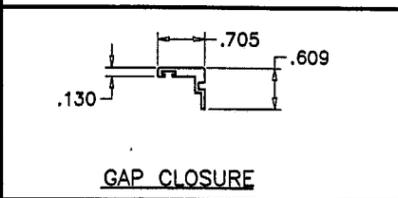
GLASS ADAPTER



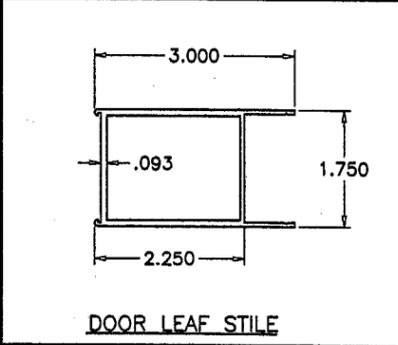
FRAME JAMB



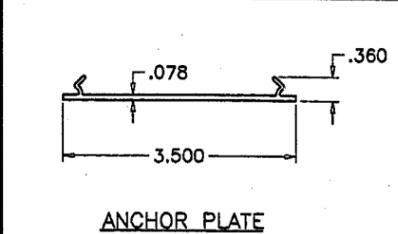
FRAME SILL



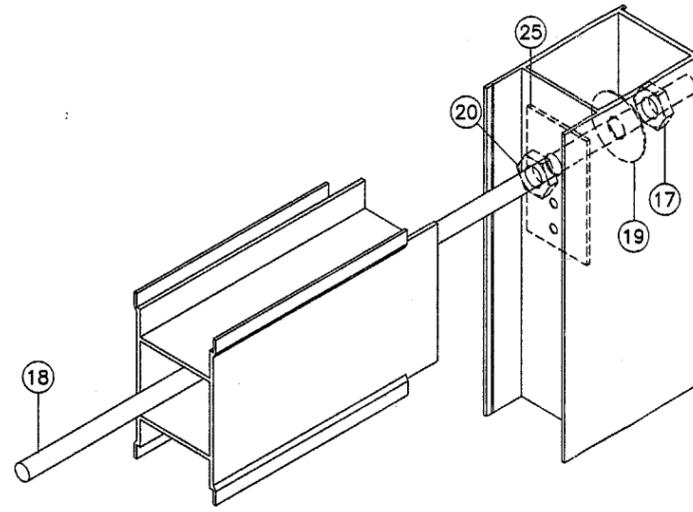
GAP CLOSURE



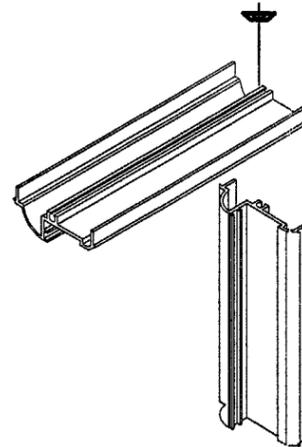
DOOR LEAF STILE



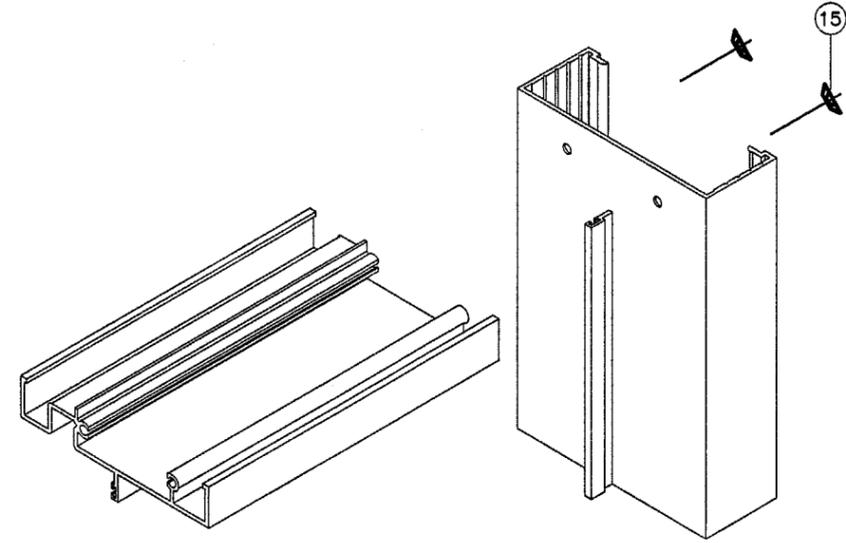
ANCHOR PLATE



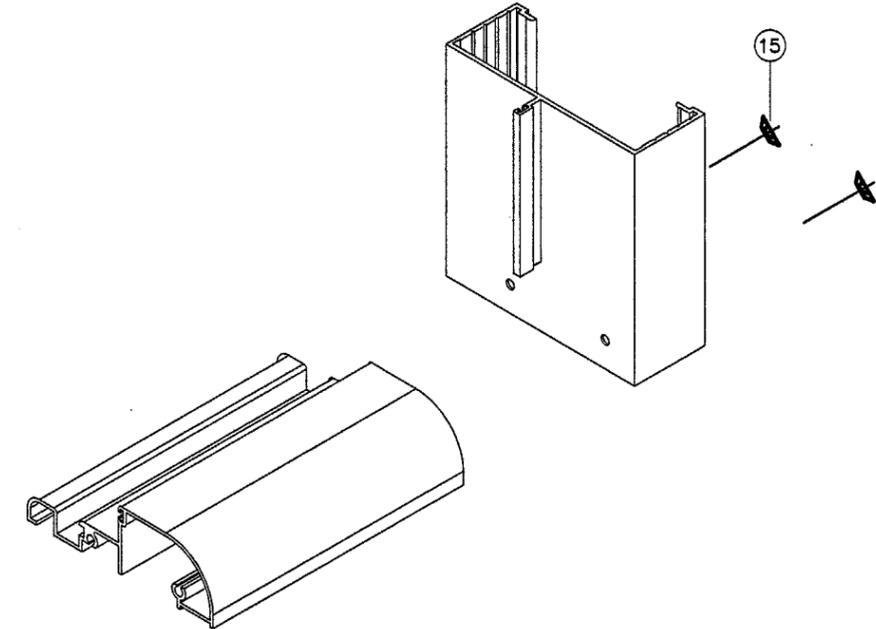
LEAF TOP/BOTTOM CORNER



GLAZING INSERT CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

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

SEP 19 2001

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afsc
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COMP-ANLW98-71SW

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revisions:	no	date	by	description

date: 09-02-98
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chk. by:

drawing no.
W98-71
sheet 4 of 4