



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

F.P.G. Wholesale, Inc.
7190 Coral Way
Miami, FL 33155

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: Aluminum Clad Wood Outswing Patio Door

APPROVAL DOCUMENT: Drawing No. **W03-85**, titled "Alum. Clad Wood Outswing Patio Door", sheets 1 through 6 of 6, prepared by the AL-Farooq Corporation, dated 09/19/03 with revision 01/13/05, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 04-1104.03
Expiration Date: February 24, 2010
Approval Date: February 24, 2005
Page 1

F.P.G. Wholesale, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-85**, titled "Alum. Clad Wood Outswing Patio Door", sheets 1 through 6 of 6, prepared by the AL-Farooq Corporation, dated 09/19/03 with revision 01/13/05, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum clad wood door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-02-1712**, dated 09/09/02, signed and sealed by Rafael E. Droz-Seda, P. E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of aluminum clad wood door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-03-1318**, dated 05/21/03, signed and sealed by Rafael E. Droz-Seda, P. E.

C. CALCULATIONS

1. Anchor Calculations, ASTM- E 1300, and structural analysis, prepared by AL-Farooq Corporation, dated 02/06/04, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **02-1205.03** issued to Security Impact Glass Holding L.L.C., Inc. for "SAF-GLAS Polycarbonate Laminate", dated 01/02/03 and expiring on 12/16/07.

F. STATEMENTS

1. Statement letter of code compliance and no financial interest, dated February 06, 2004 signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office

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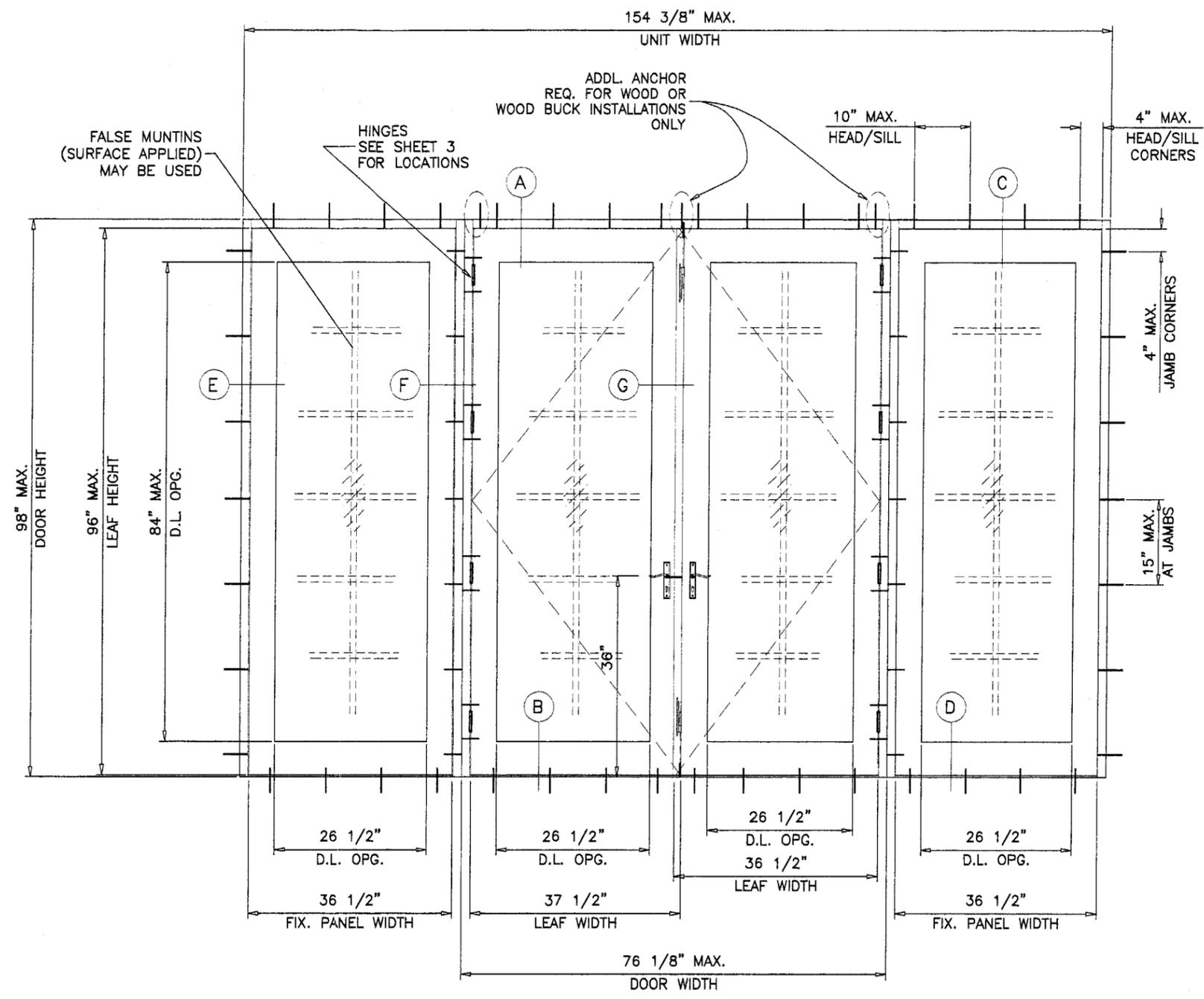
AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL (305) 264-8100 FAX (305) 262-6878
 COMP-ANL\W03-B5EWD

ALUM CLAD WOOD OUTSWING PATIO DOOR
F.P.G. WHOLESALE INC.
 7190 CORAL WAY
 MIAMI, FLORIDA 33155
 TEL (305) 266-2296 FAX (305) 261-6540

no	date	description
A	01.13.05	NO CHANGE THIS SHEET

date: 09-19-03
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W03-85
 sheet 1 of 6



TYPICAL ELEVATION
 TESTED UNIT

ALUMINUM CLAD WOOD OUTSWING PATIO DOOR

DOORS/SIDELITES GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

APPROVAL APPLIES TO SINGLE (X) OR DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES. THE SIDE LITES CAN BE AT ONE SIDE OR BOTH SIDES OF DOORS. ALSO FIXED LITES OF SINGLE OR MULTIPLE NUMBER OF MODULES. I.E. O, X, OO, OX, XO, OXX, OXO, OXXO ETC.

DESIGN LOAD RATING FOR DOORS/SIDELITES TO BE AS PER CHARTS ON SHEET 2.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE.

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

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

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

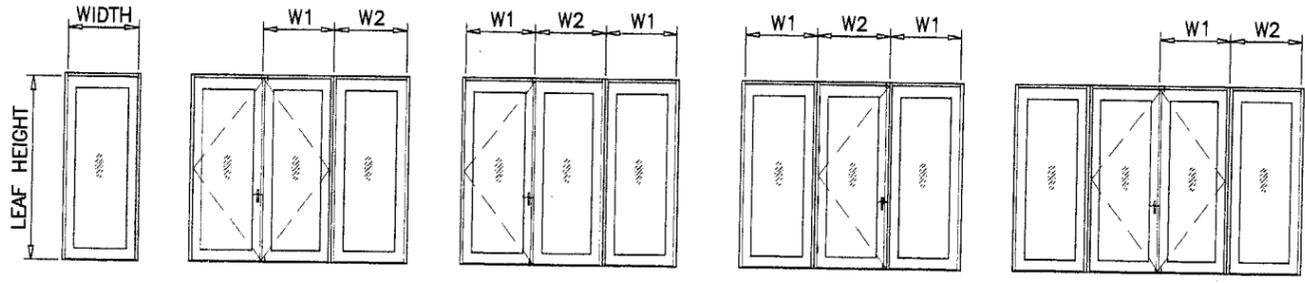
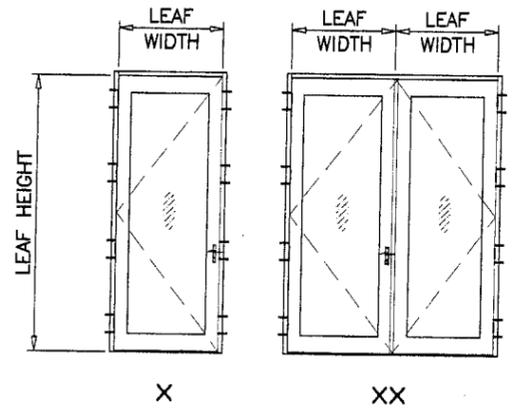
A 33% INCREASE IN ALLOWABLE STRESS WAS USED IN DESIGN OF ANCHORS.

Approved as complying with the
 Florida Building Code
 Date 02/24/05
 NOA# 04-1804 03
 Miami Dade Product Control
 Division
 By *M. Khalil*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 JAN 25 2005

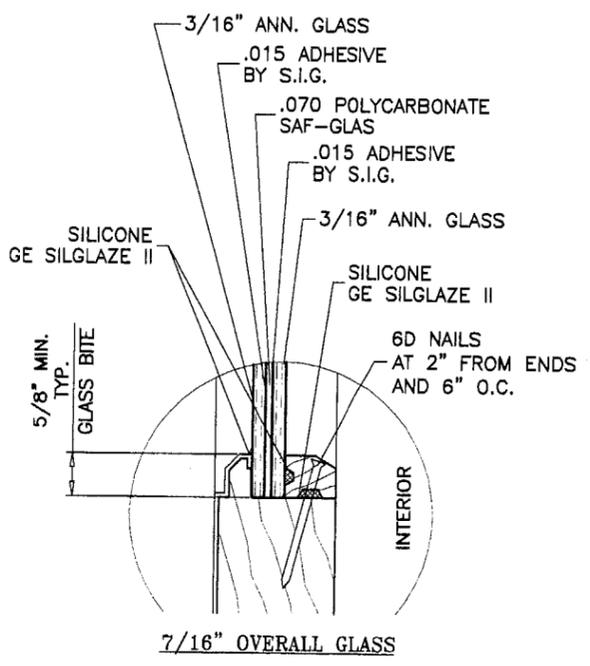
SINGLE LEAF (X) OR DOUBLE LEAF (XX) DOORS			
DESIGN LOAD CAPACITY - PSF			
LEAF WIDTH FT./IN.	LEAF HEIGHT FT./IN.	7/16" OVERALL GLASS	
		EXT. (+)	INT. (-)
2/0	6/8	70.0	76.0
2/6		70.0	76.0
3/0		70.0	76.0
3/2		70.0	76.0
2/0	7/0	70.0	76.0
2/6		70.0	76.0
3/0		70.0	76.0
3/2		70.0	76.0
2/0	8/0	70.0	76.0
2/6		70.0	76.0
3/0		70.0	74.0
3/2		70.0	70.0

STATIONARY PANEL (O) OR DOORS WITH SIDELITES			
DESIGN LOAD CAPACITY - PSF			
WIDTH (W) INCHES	LEAF HEIGHT FT./IN.	7/16" OVERALL GLASS	
		EXT. (+)	INT. (-)
24	6/8	70.0	76.0
30		70.0	76.0
36		70.0	76.0
42		70.0	76.0
24	7/0	70.0	76.0
30		70.0	76.0
36		70.0	76.0
42		70.0	73.3
24	8/0	70.0	76.0
30		70.0	76.0
36		70.0	75.0
38		70.0	70.0



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

(FOR DOORS WITH SIDELITES)



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 By M. Thack

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

H.

JAN 25 2005

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\W03-85EWD

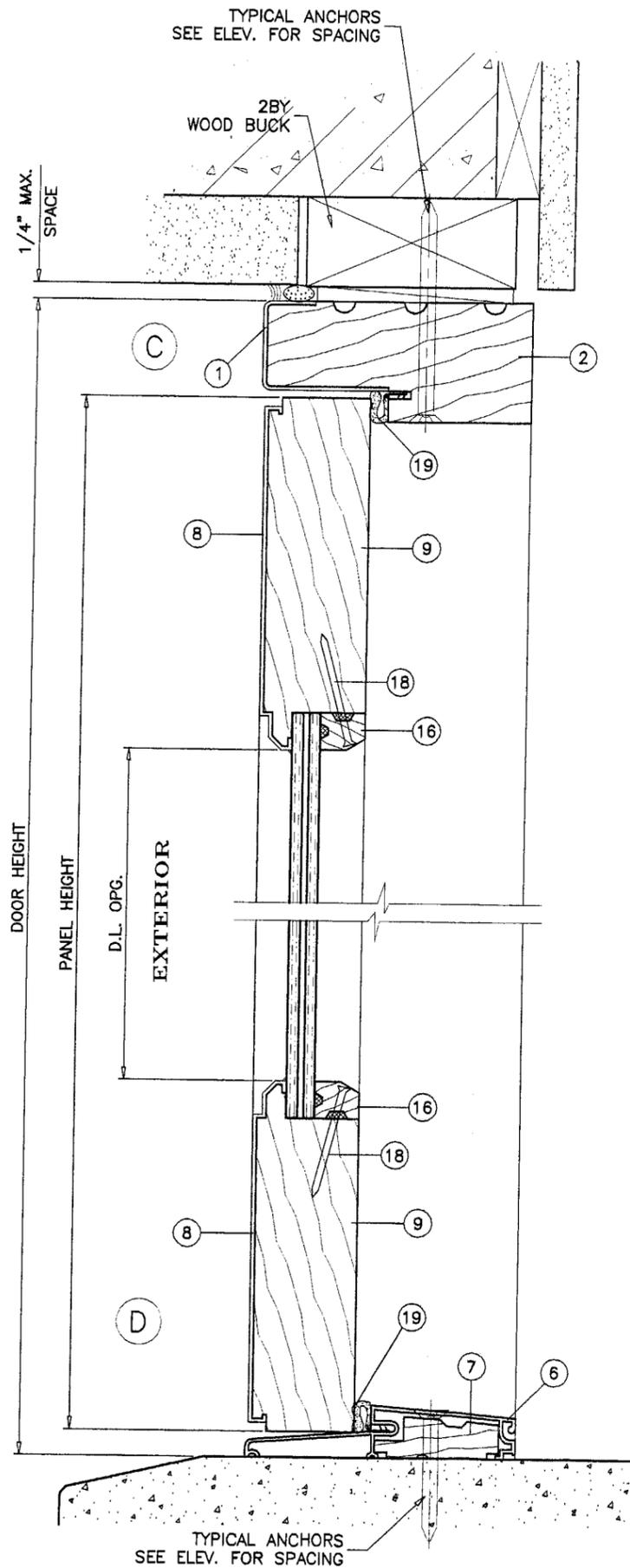
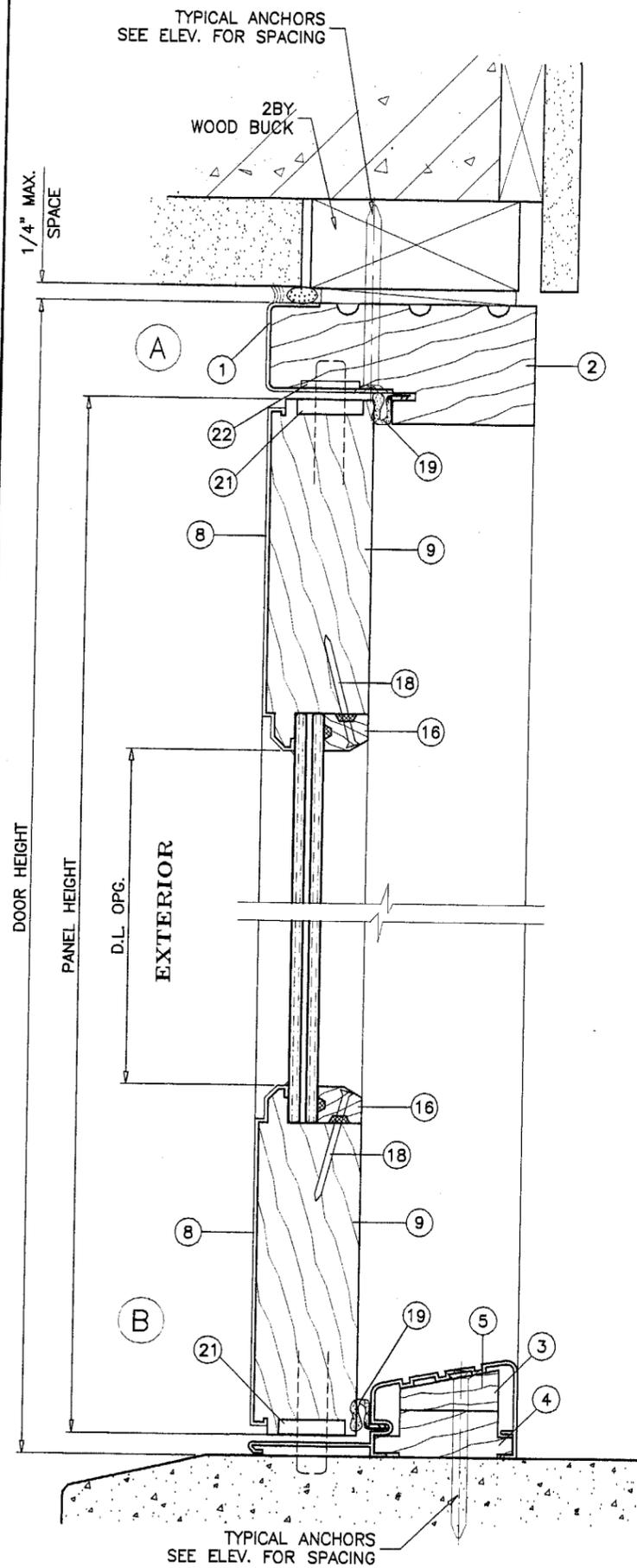
ALUM CLAD WOOD OUTSWING PATIO DOOR
F.P.G. WHOLESALE INC.
 7190 CORAL WAY
 MIAMI, FLORIDA 33155
 TEL. (305) 266-2296 FAX (305) 261-6540

no	date	description
A	01.13.05	NO CHANGE THIS SHEET

revisions:

date: 09-19-03
 scale: 1/2" = 1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W03-85
 sheet 2 of 6



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.
1-1/4" MIN. EMBED INTO MASONRY OR CONC.

DIRECTLY INTO MASONRY OR CONC.
1-1/4" MIN. EMBED INTO MASONRY OR CONC.

#14 SMS

INTO APPROVED MULLIONS (NO SHIM SPACE)

SEALANT:

FRAME & PANEL CORNERS SEALED WITH DUROLOK CM902 SEALANT.
FRAME AND PANEL CLADDING GLUED WITH TECHNOBOND L560S.

HINGES: 4" X 4-1/2" X .130" THK. HINGE

4 PER LEAF AT 9-3/4" FROM EACH END
AND 25-1/2" O.C. MAX.

LOCKS:

CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON
EXTERIOR AND THUMB TURN ON INTERIOR

AT EACH ACTIVE LEAF LOCK STILE, 36" FROM BOTTOM

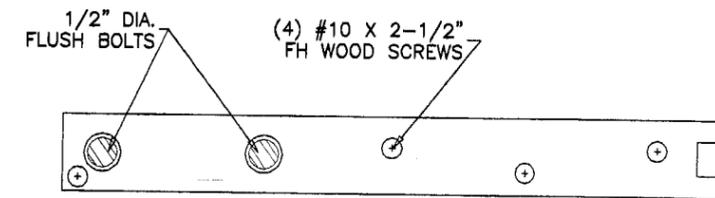
OPTION 1 = EMTEK CORTINA KEYED ENTRY DOOR LEVERSET

OPTION 2 = KWIKSET POLO KEYED ENTRY DOOR KNOBSET

OPTION 3 = SCHLAGE ACCENT KEYED ENTRY DOOR LEVERSET

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT
TOP & BOTTOM OF PASSIVE LEAF.

(MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING)



FLUSH BOLT GUIDE PLATE
1-1/4" X 10" X 3/16" THK. ALUMINUM

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Date 02/24/05
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Miami Dade Product Control
Division
By M. Khalil

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

[Signature]

JAN 25 2005

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ALUM CLAD WOOD OUTSWING PATIO DOOR

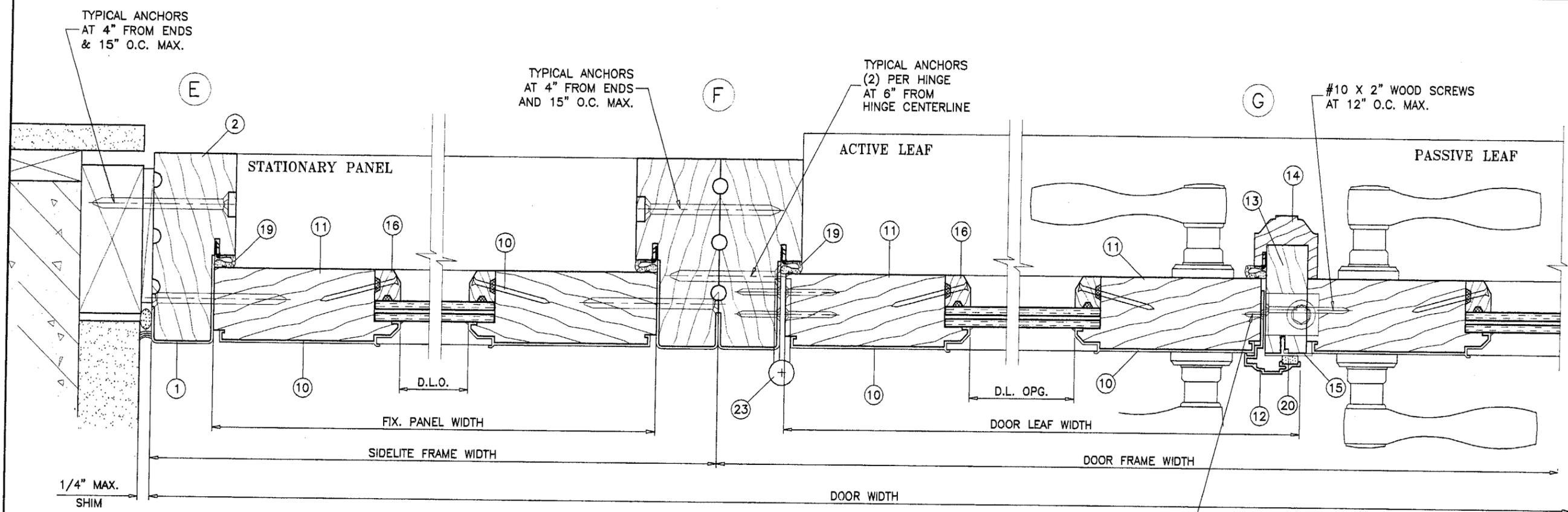
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dr. by: HAMID
chk. by:

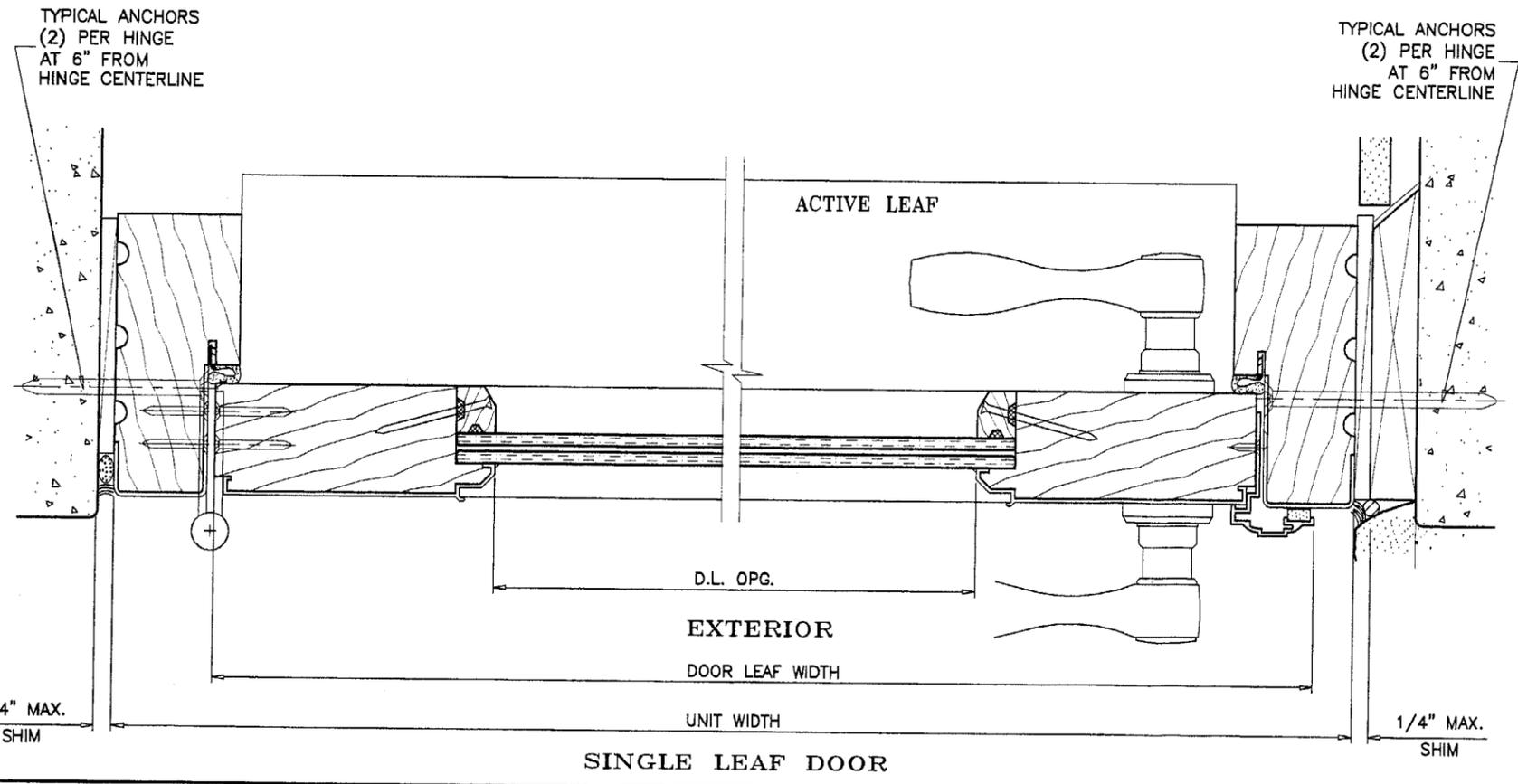
drawing no.
W03-85

sheet 3 of 6



EXTERIOR

#5 X 3/4" FH SMS
AT 2" FROM ENDS
AND 15" O.C. MAX.



EXTERIOR

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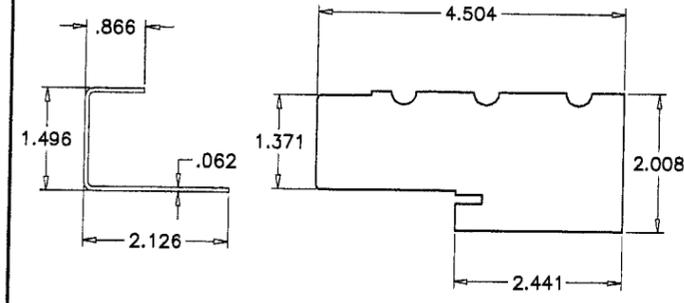
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JAN 25 2005

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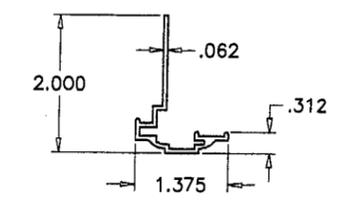
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chk. by:	
drawing no. W03-85	
sheet 4 of 6	

ITEM #	NUMBER	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	HEAD/JAMB COVER	6063-T5	-
2	-	AS REQD.	FRAME HEAD/JAMB	WOOD	-
3	-	1	DOOR SILL COVER	6063-T5	-
4	-	1	DOOR SILL	WOOD	-
5	-	1	DOOR SILL FILLER	WOOD	-
6	-	AS REQD.	FIX. PANEL SILL COVER	6063-T5	-
7	-	AS REQD.	FIX. PANEL SILL	WOOD	-
8	-	2/ LEAF	TOP/BOTTOM RAIL COVER	6063-T5	-
9	-	2/ LEAF	TOP/BOTTOM RAIL	WOOD	-
10	-	2/ LEAF	HINGE/LOCK STILE COVER	6063-T5	-
11	-	2/ LEAF	HINGE/LOCK STILE	WOOD	-
12	2362	1	ASTRAGAL ACTIVE	6063-T5	-
13	-	1	ASTRAGAL PASSIVE	WOOD	-
14	-	1	ASTRAGAL PASSIVE COVER	WOOD	-
15	EP0568	1	ASTRAGAL FIN CAP	6063-T5	-
16	-	AS REQD.	GLASS STOP	WOOD	-
17	-	-	-	-	-
18	-	AS REQD.	NAILS AT 6" O.C. MAX.	GALV. STEEL	6D X 1-1/2" LONG
19	QEBD650	AS REQD.	FRAME W'STRIPPING, FOAM TIP	PVC	Q-LON
20	5766	-	ASTRAGAL W'STRIPPING	FOAM	Q-LON
21	-	2/ LEAF	FLUSH BOLT GUIDE PLATE	ALUMINUM	-
22	-	2/ LEAF	BOLT STRIKE PLATE	STEEL	1" X 2-1/4" X 1/8" THK.
23	-	4/ LEAF	HINGES	STEEL	-
24	-	2/ CORNER	FRAME ASSEMBLY SCREWS	-	#10 X 3-1/4" FH WOOD SCREWS

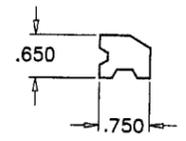


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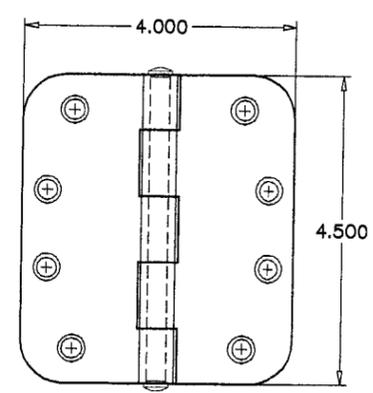
FRAME HEAD/JAMB
WOOD



ASTRAGAL ACTIVE
6063-T5

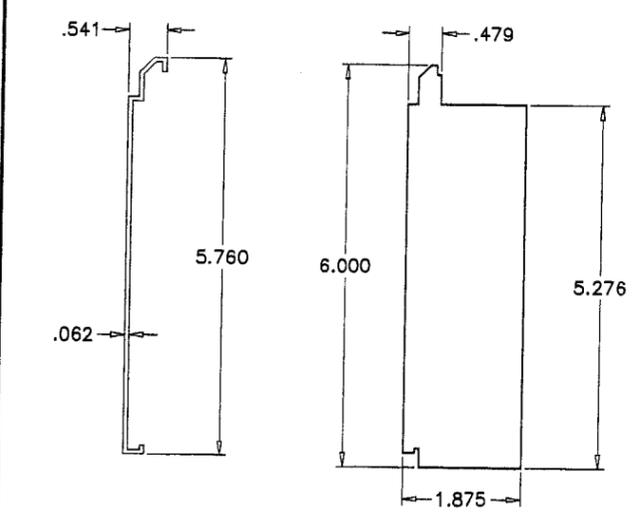


GLASS STOP
WOOD



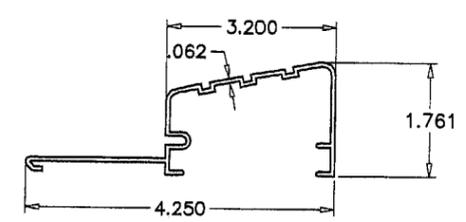
HINGE
.13" THK. STEEL

HINGE INSTALLATION SCREWS
TO PANEL: (4) #12 X 1-1/4" FH W.S.
TO FRAME: (4) #12 X 1-1/4" FH W.S.

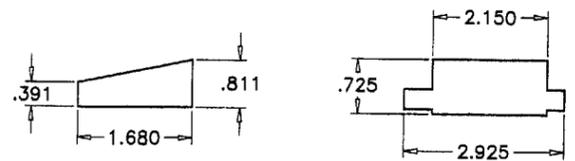


CLADDING
6063-T5

TOP & BOTTOM RAIL
WOOD

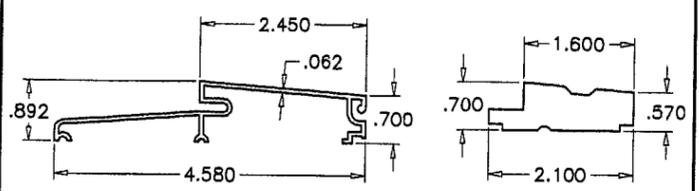


SILL COVER
6063-T5



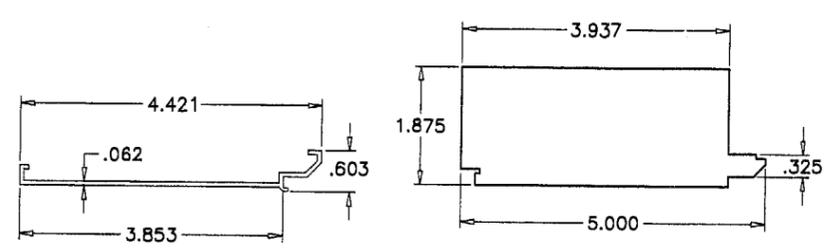
SILL FILLER
WOOD

DOOR SILL
WOOD



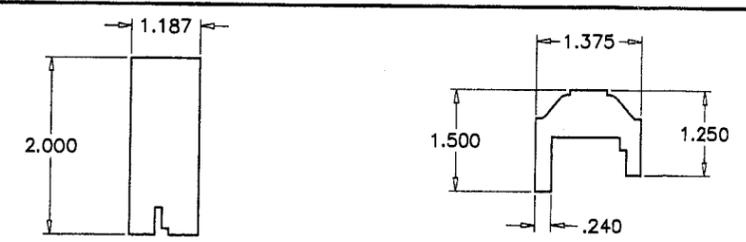
FIX. PANEL SILL COVER
6063-T5

FIX. PANEL SILL
WOOD



CLADDING
6063-T5

HINGE & LOCK STILE
WOOD



ASTRAGAL PASSIVE
WOOD

ASTRAGAL COVER
WOOD

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[Signature]

JAN 25 2005

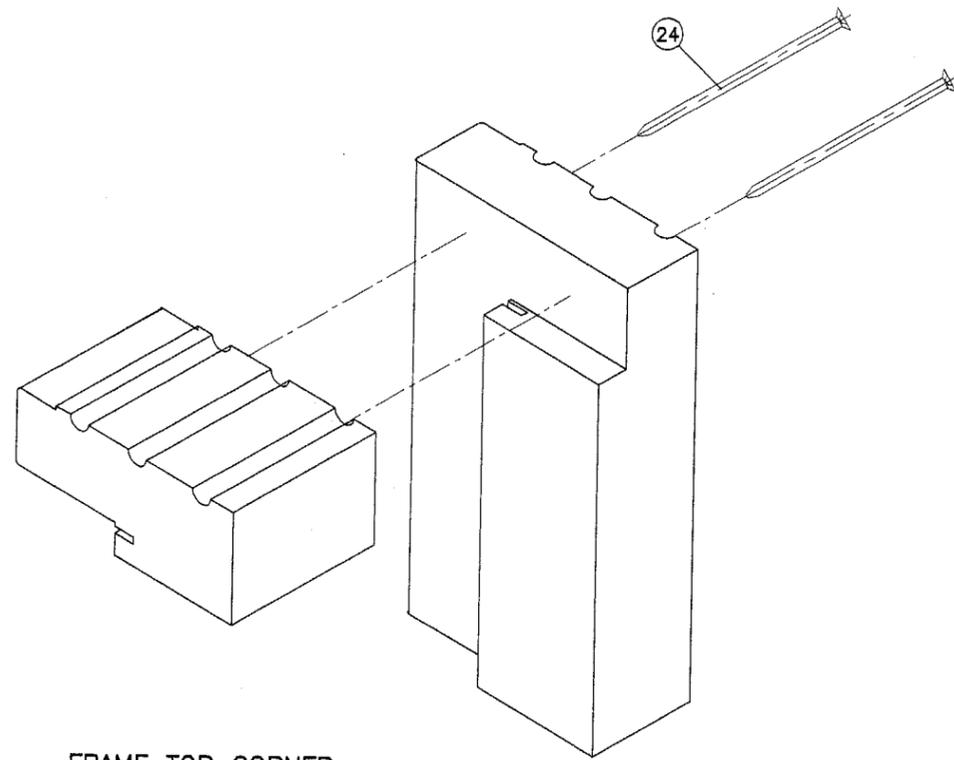
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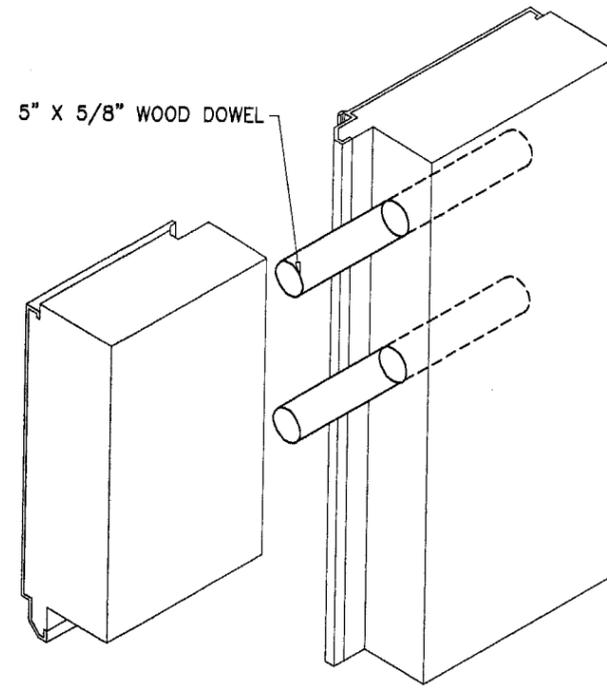
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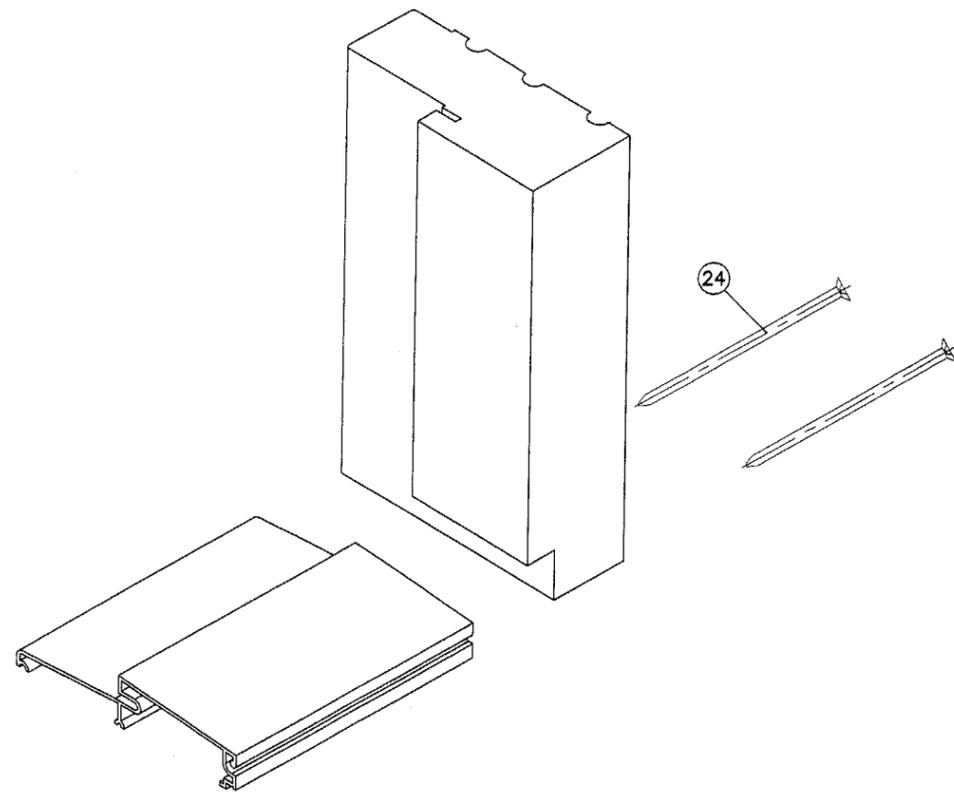
drawing no.
W03-85
sheet 5 of 6



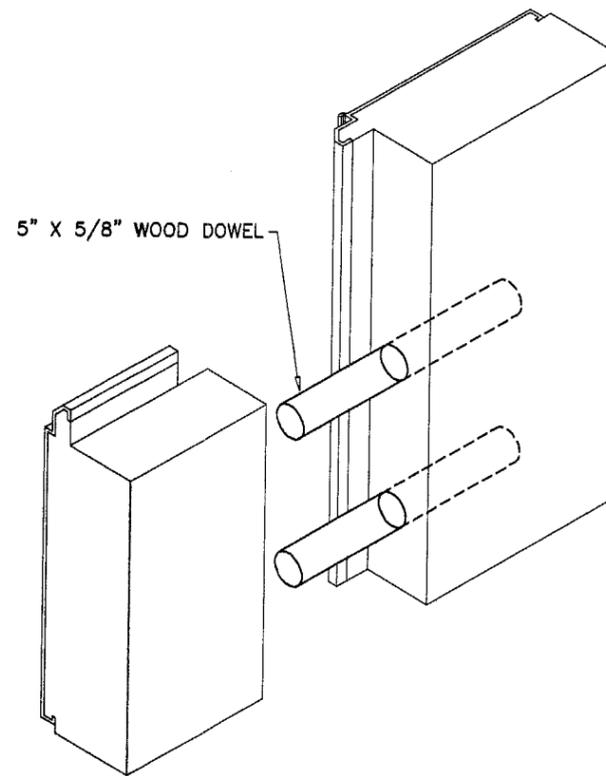
FRAME TOP CORNER



PANEL TOP CORNER



FRAME BOTTOM CORNER



PANEL BOTTOM CORNER

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