



**MIAMI-DADE COUNTY**  
**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) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

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

**Andersen Corporation**  
**100 Fourth Avenue North**  
**Bayport, MN 55003**

**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 "Frenchwood" Outswing and Fixed Fiberglass Clad Wood French Door – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W08-45**, titled "Frenchwood Outswing Wood Patio Door (L.M.I.)", sheets 1 through 5 of 5, dated 05/09/08, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**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 **revises and renews** NOA # **03-0625.01** and 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 **Fitz A. Harris, P.E.**



**NOA No. 08-0516.02**  
**Expiration Date: May 19, 2009**  
**Approval Date: June 26, 2008**  
**Page 1**

Andersen Corporation

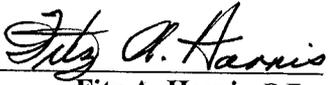
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W08-45**, Sheets 1 through 5 of 5, titled "Frenchwood Outswing Wood Patio Door (L.M.I.), dated 05/29/08, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

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 and TAS 202-94along with installation diagram of outswing French door, prepared by Architectural Testing Inc., Test Report No. **ATI-02-44378.01**, dated 5/1/03, along with revised marked-up drawings, signed and sealed by Steven Urich, P.E.  
*(Submitted under NOA#00-1011.01)*
2. 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 and TAS 202-94along with installation diagram of outswing French door, prepared by Architectural Testing Inc., Test Report No. **ATI-02-44379.01**, dated 3/18/03, along with revised marked-up drawings, signed and sealed by Steven Urich, P.E.  
*(Submitted under NOA#00-1011.01)*
3. 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 3603.2 (b) and TAS 202-94along with installation diagram of outswing French door, prepared by Architectural Testing Inc., Test Report No. **ATI-02-32062.01**, dated 05/05/00, along with revised marked-up drawings, signed and sealed by Allen N. Reeves, P.E.  
*(Submitted under NOA#00-1011.01)*



Fitz A. Harris, P.E.

Product Control Examiner

NOA No. 08-0516.02

Expiration Date: May 19, 2009

Approval Date: June 26, 2008

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**B. TESTS (continued)**

4. 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 3603.2 (b) and TAS 202-94  
along with installation diagram of outswing French door, prepared by Architectural Testing Inc., Test Report No. **ATI-02-31392.01**, dated 08/05/99, and test report addendum letter dated November 17, 2000 and March 23, 2000, along with revised marked-up drawings, signed and sealed by Allen N. Reeves.  
*(Submitted under NOA#99-1019.01)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by Al-Farooq Corporation, dated 5/14/08, signed and sealed by 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. **05-1208.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite PVB Interlayer**" dated 01/05/06, expiring on 12/11/10.  
2. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.

**F. STATEMENTS**

1. Statement letter of conformance, dated May 14, 2008, signed and sealed by Humayoun Farooq, P.E.  
2. Statement letter of no financial interest, dated May 15, 2008, signed and sealed by Humayoun Farooq, P.E.

**G. OTHER**

1. Notice of Acceptance No. **03-0625.01**, issued to Andersen Corporation for their Series Frenchwood Single Outswing and Fixed Fiberglass Clad Wood French Patio Door, approved on 09/11/03 and expiring on 05/19/08.



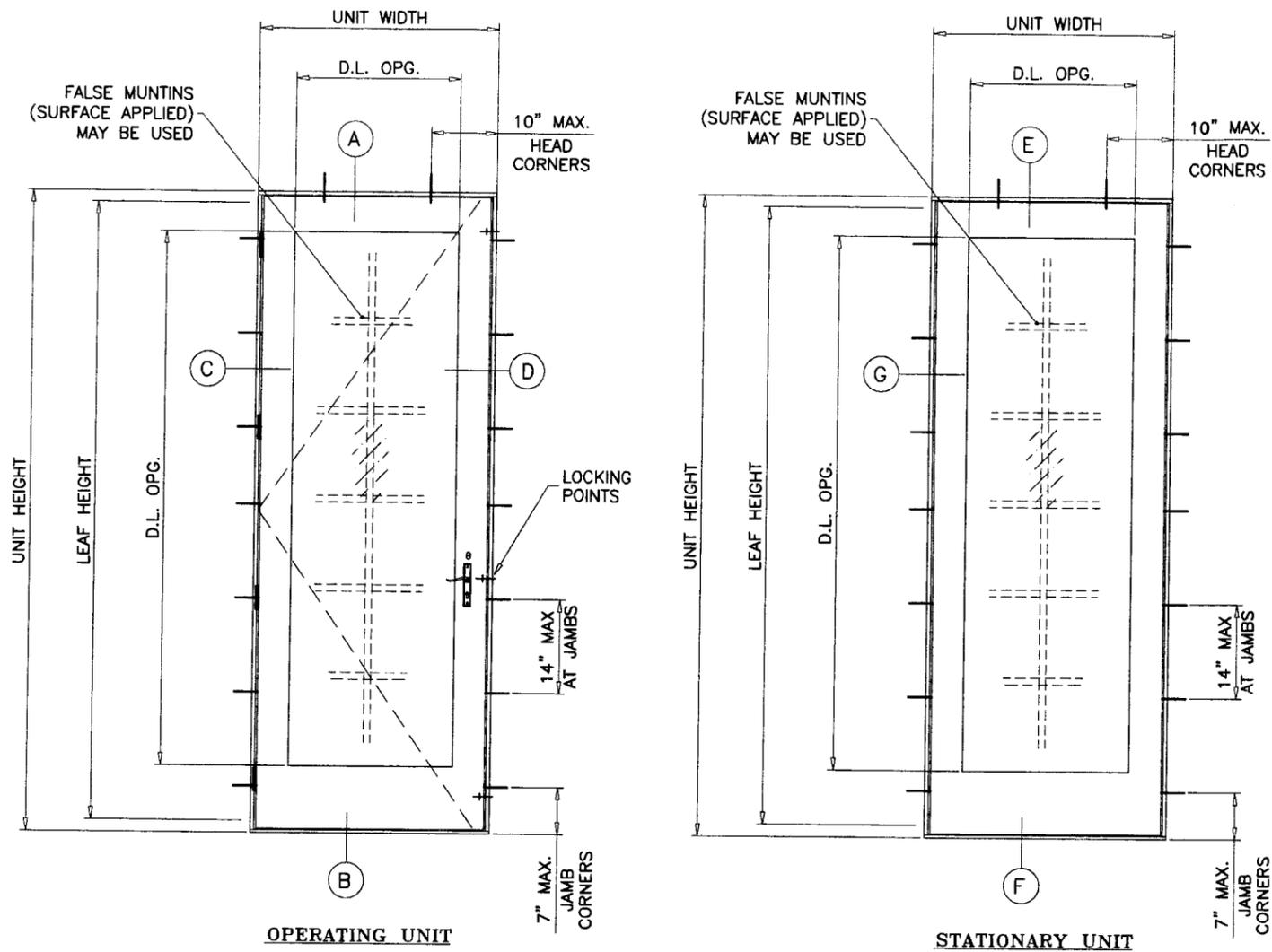
**Fitz A. Harris, P.E.**

**Product Control Examiner**

**NOA No. 08-0516.02**

**Expiration Date: May 19, 2009**

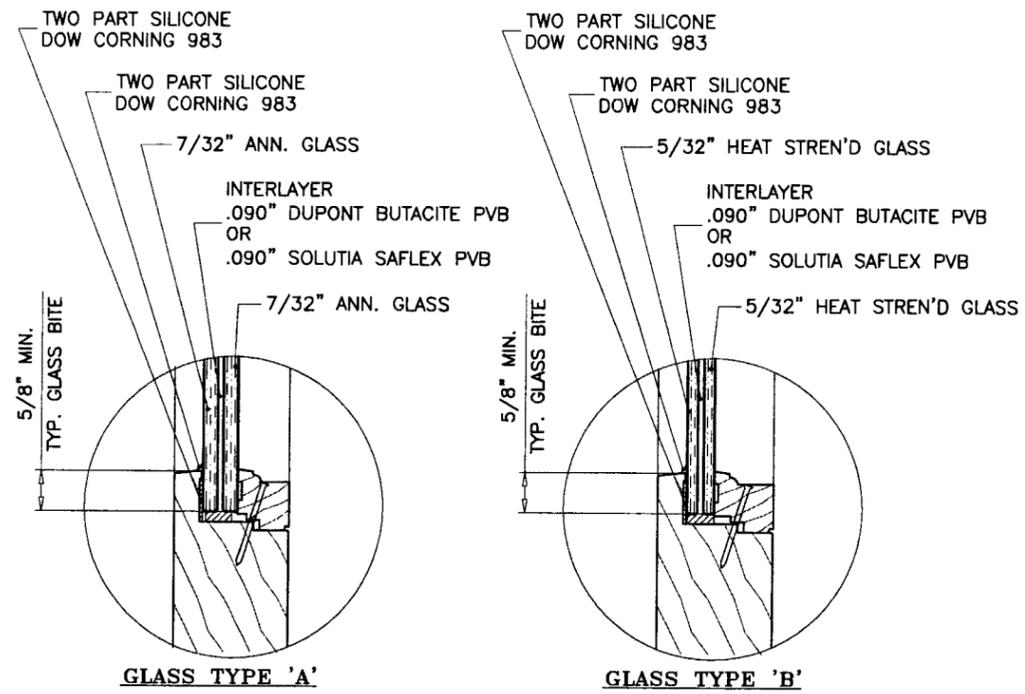
**Approval Date: June 26, 2008**



TYPICAL ELEVATIONS

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

DESIGN LOAD CAPACITY - PSF												
DOOR DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	LEAF W. INCHES	LEAF HT. INCHES	D.L.O. WD. INCHES	D.L.O. HT. INCHES	OPERATING UNITS				STATIONARY UNITS	
							GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'B'	
							EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
FWO-2168	24-1/2	79-7/16	22-7/8	78-1/16"	13-1/4	63-1/2	65.0	80.0	62.0	77.0	62.0	77.0
FWO-2768	30-1/8		28-1/2		18-7/8		65.0	80.0	62.0	77.0	62.0	77.0
FWO-2968	32-1/8		30-1/2		20-7/8		65.0	80.0	62.0	77.0	62.0	77.0
FWO-3168	36-1/8		34-1/2		24-7/8		65.0	80.0	62.0	77.0	62.0	77.0
FWO-21611	24-1/2	82-5/16	22-7/8	80-15/16	13-1/4	66-3/8	65.0	80.0	62.0	77.0	62.0	77.0
FWO-27611	30-1/8		28-1/2		18-7/8		65.0	80.0	62.0	77.0	62.0	77.0
FWO-29611	32-1/8		30-1/2		20-7/8		65.0	80.0	62.0	77.0	62.0	77.0
FWO-31611	36-1/8		34-1/2		24-7/8		65.0	80.0	62.0	77.0	62.0	77.0
FWO-2180	24-1/2	95-7/16	22-7/8	94-1/16	13-1/4	79-1/2	65.0	80.0	62.0	71.0	62.0	77.0
FWO-2780	30-1/8		28-1/2		18-7/8		65.0	80.0	62.0	71.0	62.0	77.0
FWO-2980	32-1/8		30-1/2		20-7/8		65.0	80.0	62.0	71.0	62.0	77.0
FWO-3180	36-1/8		34-1/2		24-7/8		65.0	80.0	62.0	71.0	62.0	77.0



GLAZING OPTIONS

THESE DOORS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES 'FRENCHWOOD' FIBERGLASS CLAD WOOD SINGLE OUTSWING AND FIXED PATIO DOOR

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).

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

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 FLORIDA BLDG. CODE SECTION 2003.8.4.

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
MAY 15 2008

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0516-02  
Expiration Date MAY 15, 2009  
By: *[Signature]*  
Miami Door Product Control  
Division

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-45AC

FRENCHWOOD OUTSWING WOOD PATIO DOOR (L.M.I.)  
**ANDERSEN CORPORATION**  
100 FOURTH AVE. NORTH  
BAYPORT, MN. 55003-1096  
TEL. (800) 426-7691 FAX (-)

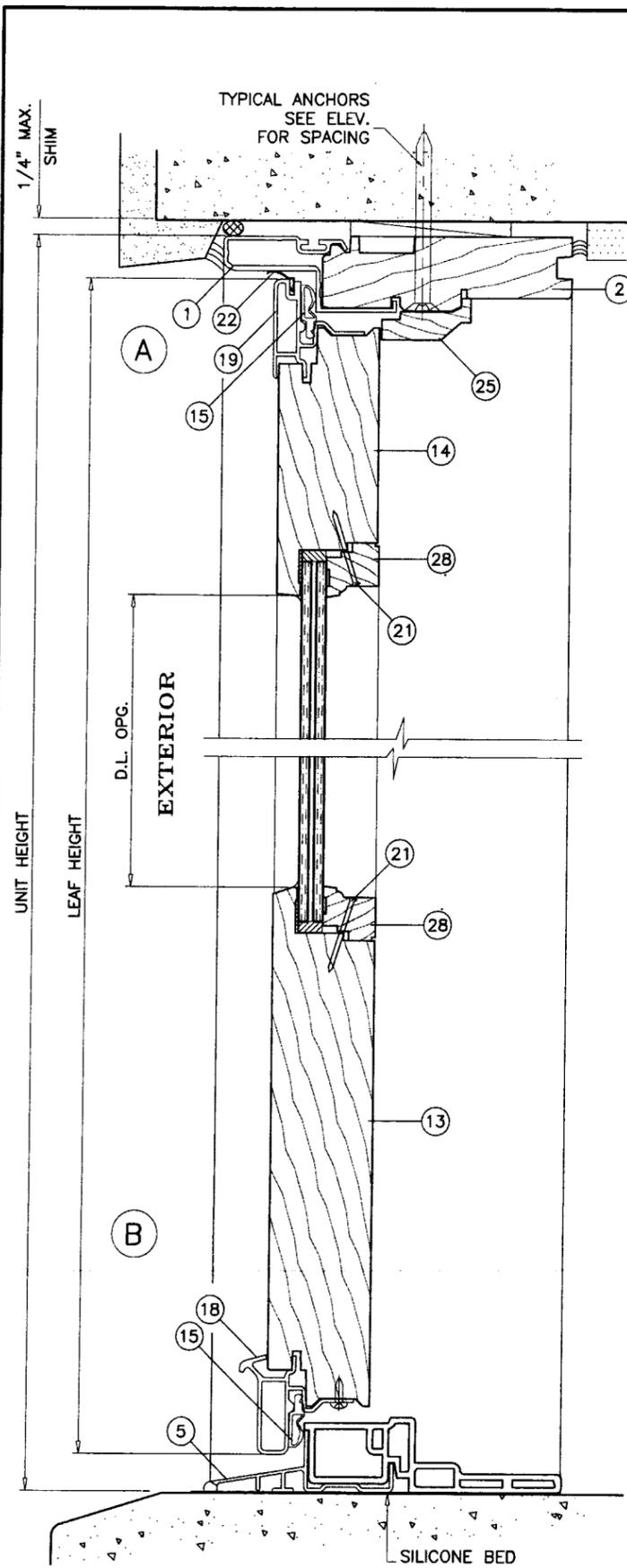
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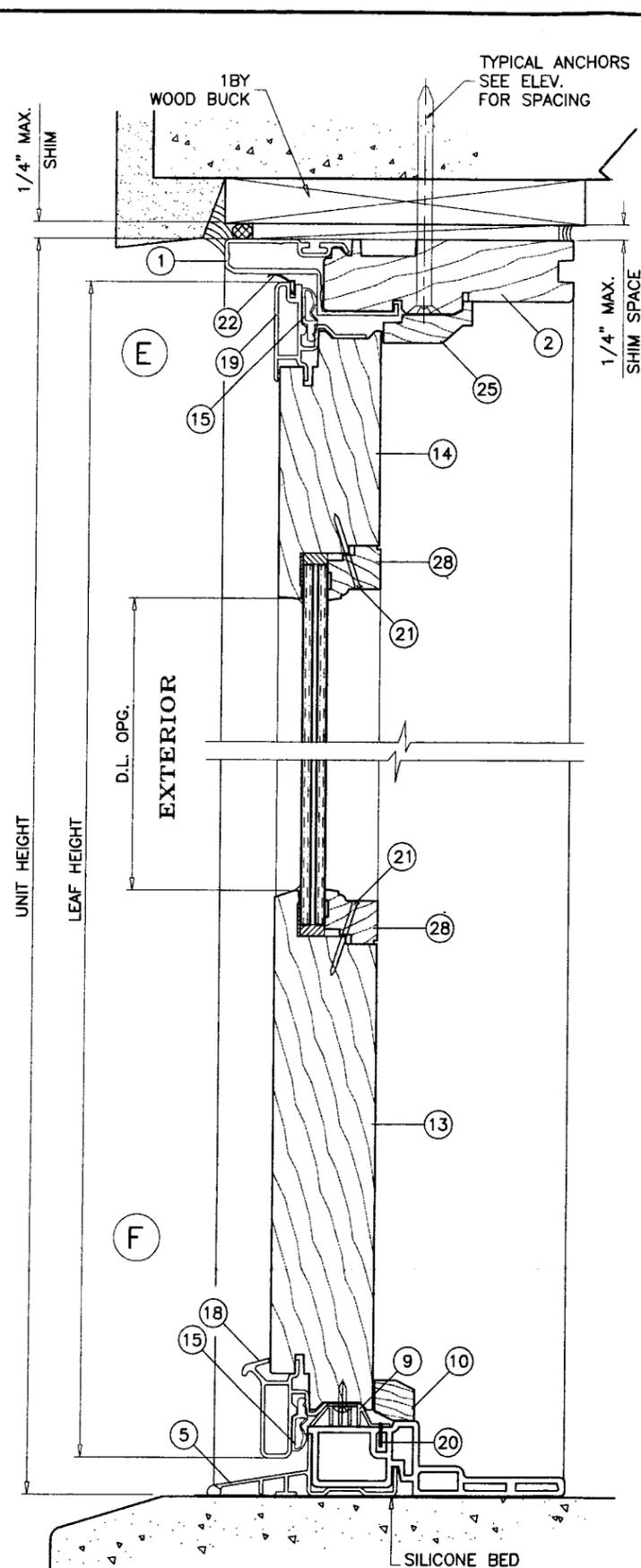
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scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-45**

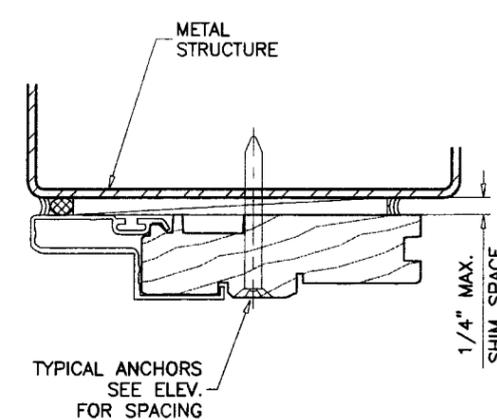
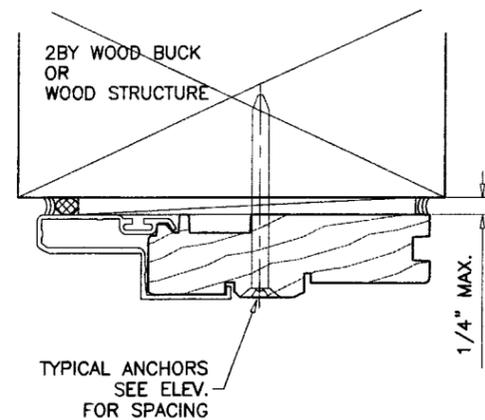
sheet 1 of 5



OPERATING UNITS



STATIONARY UNITS



WOOD BUCKS AND METAL STRUCTURES NOT BY ANDERSEN MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**#10 SMS**

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

**1/4" DIA ULTRACON BY 'ELCO'**

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

**#10 SMS OR SELF DRILLING SCREWS**

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

**SEALANTS:**

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH 'SCHNEE MOREHEAD 5504' SEALANT.

**LOCKS:**

3 POINT LOCKING SYSTEM WITH KEEPERS ON FRAME  
 LOCKING POINTS AT 5" AND 37-1/2" FROM BOTTOM RAIL  
 5" FROM TOP RAIL  
 ACTUATING HANDLE AT 36-1/2" FROM BOTTOM.  
 DEAD BOLT LOCK AT 39" FROM BOTTOM.

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
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 Expiration Date MAY 19, 2009  
 By *D. A. Harris*  
 Miami Dade Product Control  
 Division

MAY 15 2008

**af c**  
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no	date	by	description

revisions:  
 date: 05-09-08  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W08-45**

sheet 2 of 5

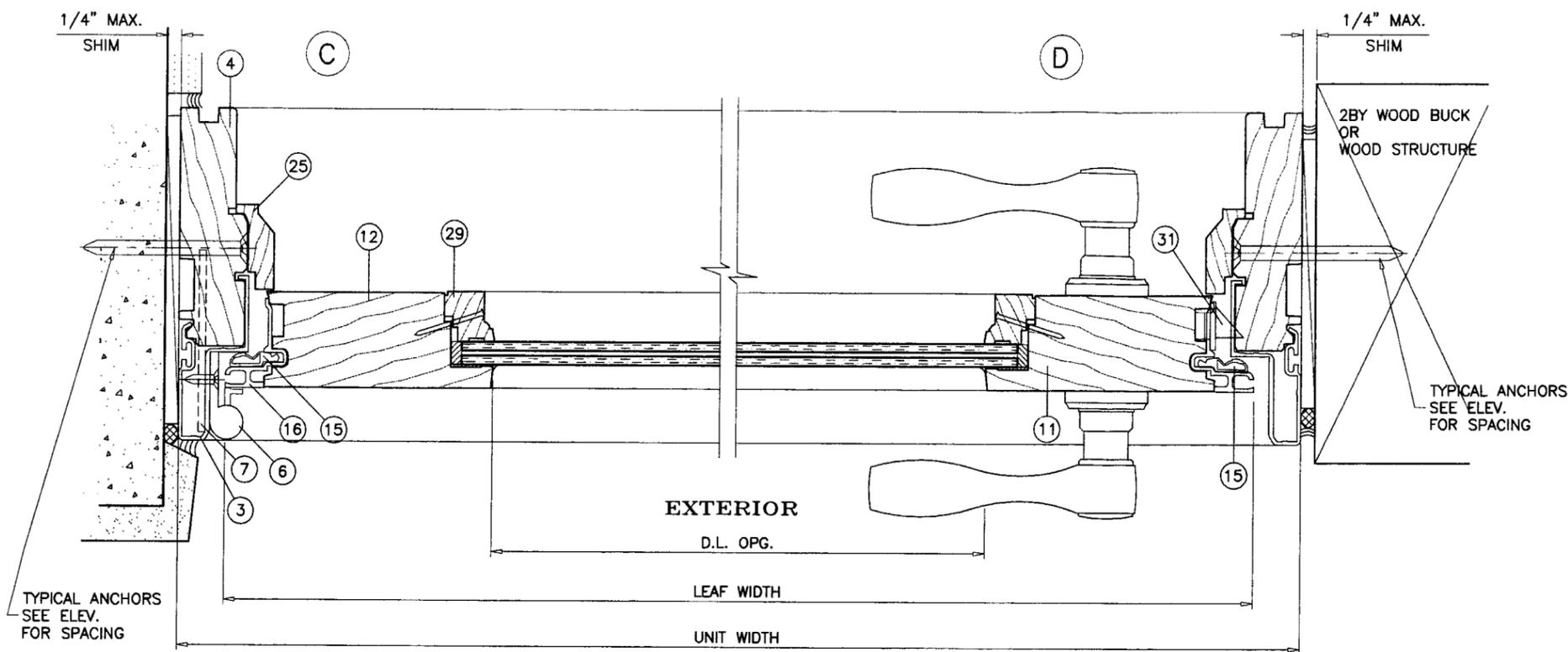
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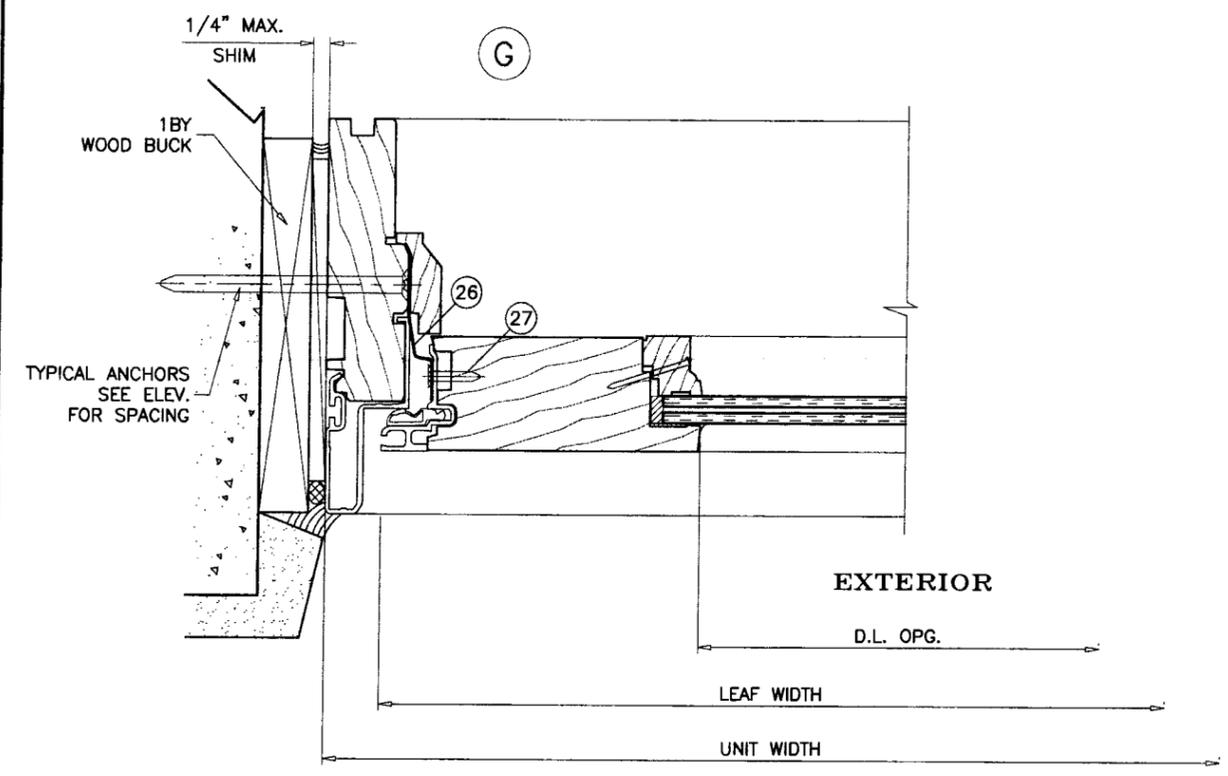

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 sheet 3 of 5



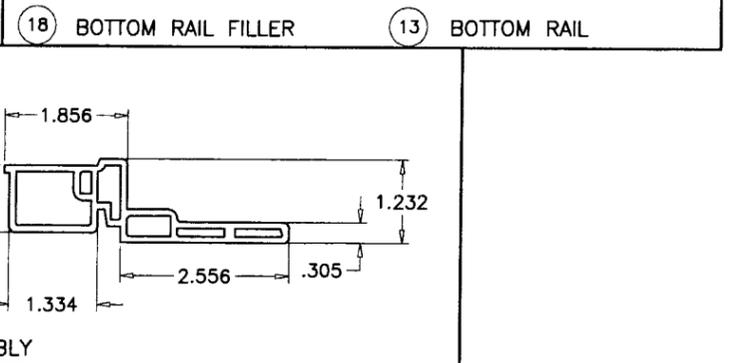
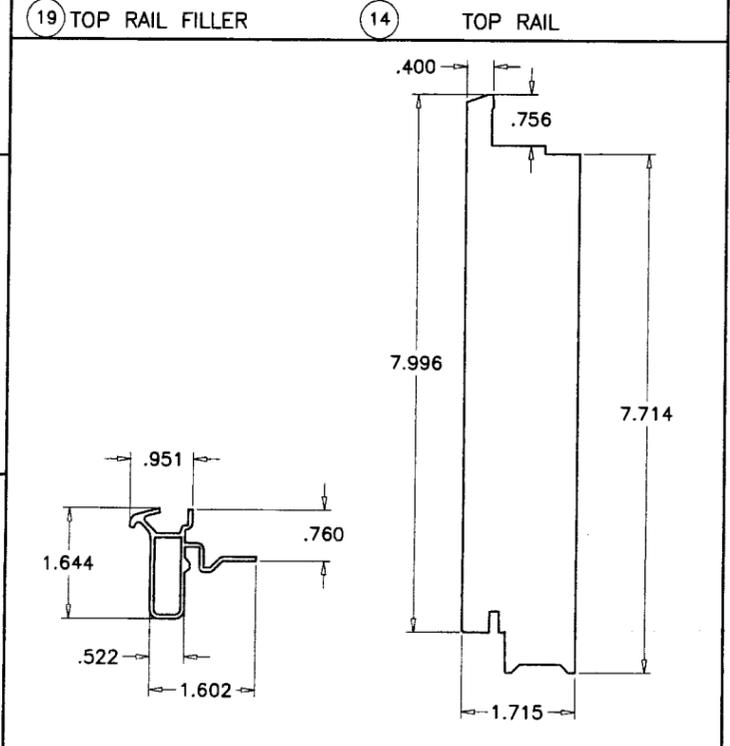
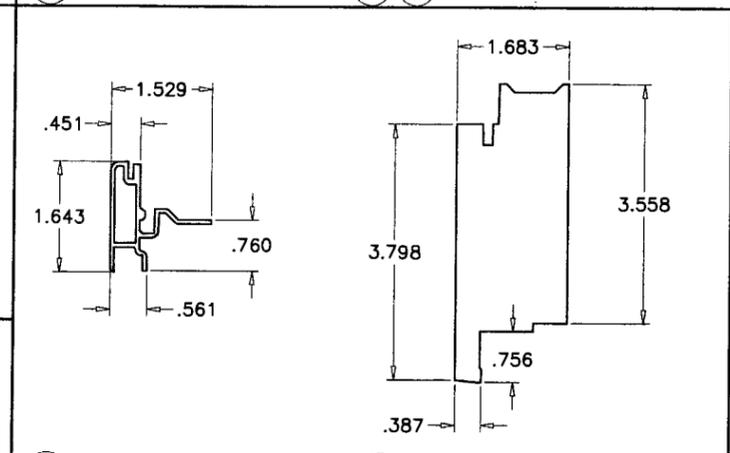
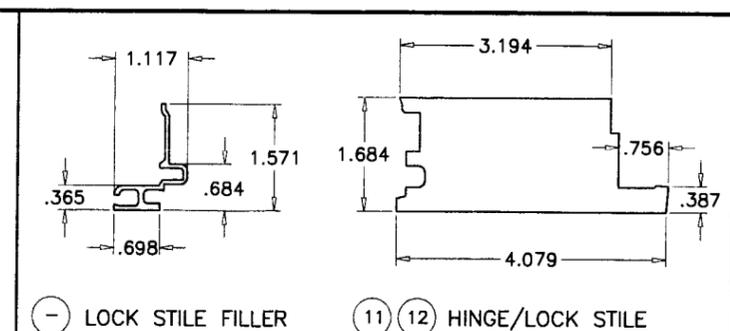
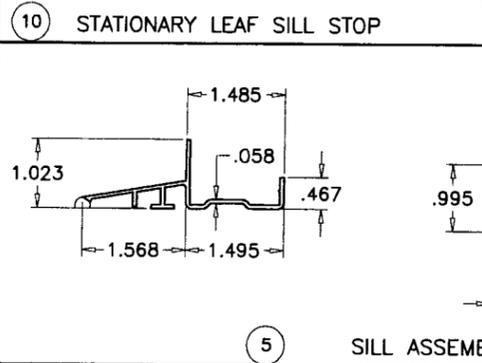
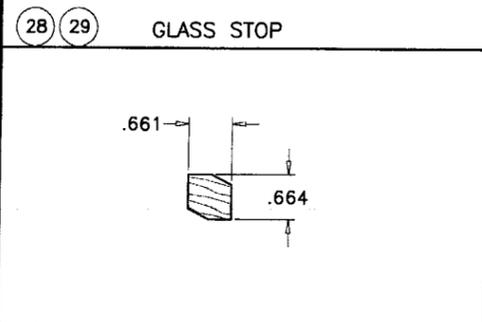
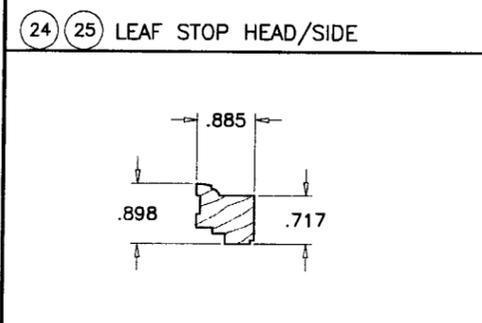
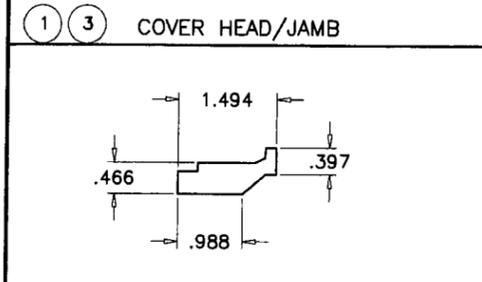
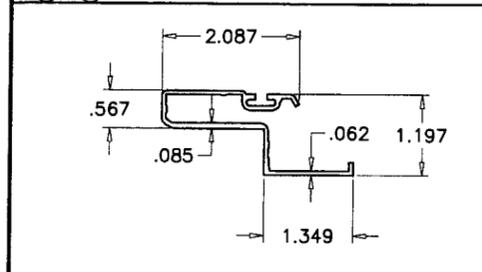
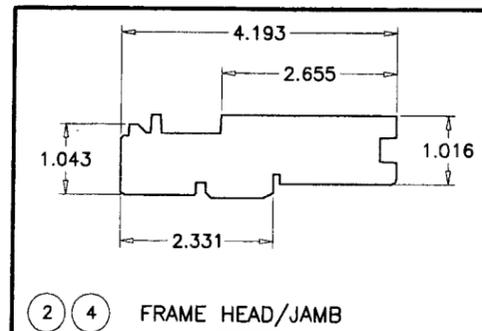
**OPERATING UNITS**



**STATIONARY UNITS**

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
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 MAY 15 2008

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 By *Jay A. Harris*  
 Miami Door Product Control  
 Division



ITEM #	NUMBER	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	57030	1	HEAD COVER	FIBERGLASS	-
2	57018	1	FRAME HEAD	WOOD	ANDERSEN
3	57031	2	JAMB COVER	FIBERGLASS	-
4	57019	2	FRAME JAMB	WOOD	ANDERSEN
5	57027	1	SILL ASSEMBLY	VINYL/ALUM	-
6	57049/57050	4/ LEAF	HINGE ASSEMBLY	ZINC STEEL	-
7	57028	1/ HINGE	HINGE SUPPORT PLATE	STEEL	3-1/4" X 3.9"
8	-	-	-	-	-
9	57056	1	STATIONARY PANEL FILLER	PVC	-
10	57005	1	STATIONARY PANEL SILL STOP	WOOD	ANDERSEN
11	57023	1/ LEAF	LOCK STILE	WOOD	ANDERSEN
12	57022	1/ LEAF	HINGE STILE	WOOD	ANDERSEN
13	52173	1/ LEAF	BOTTOM RAIL	WOOD	ANDERSEN
14	52171	1/ LEAF	TOP RAIL	WOOD	ANDERSEN
15	52172	AS REQD.	WEATHERSTRIP GASKET	SANTOPRENE	-
16	57009	-	HINGE STILE FILLER	FIBERGLASS	-
17	57010	-	LOCK STILE FILLER	FIBERGLASS	-
18	57011	-	BOTTOM RAIL FILLER	FIBERGLASS	-
19	57012	-	TOP RAIL FILLER	FIBERGLASS	-
20	4220220	AS REQD.	1/2" X 3/4" X 16 GA. STAPLES	STEEL	-
21	20093	AS REQD.	NAILS AT 8" O.C. MAX.	GALV. STEEL	18 GA. X 1-1/2" LONG
22	57046	-	TOP RAIL WATERBAR	POLYPROPYLENE	-
23	-	-	-	-	-
24	57041	-	LEAF STOP SIDE	WOOD	ANDERSEN
25	57080/57081	-	LEAF STOP HEAD	WOOD	ANDERSEN
26	57075	AS REQD.	STATIONARY PANEL CLIP	GALV. STEEL	AT 7" FROM ENDS & 13" O.C.
27	-	1/ CLIP	CLIP SCREW	STEEL	#8 X 1"
28	51080	2/ LEAF	RAIL GLAZING STOP	WOOD	ANDERSEN
29	51081	2/ LEAF	STILE GLAZING STOP	WOOD	ANDERSEN
30	-	-	-	-	-
31	52104	-	LOCK MECHANISM ACTIVE	STEEL	-

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
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MAY 15 2008

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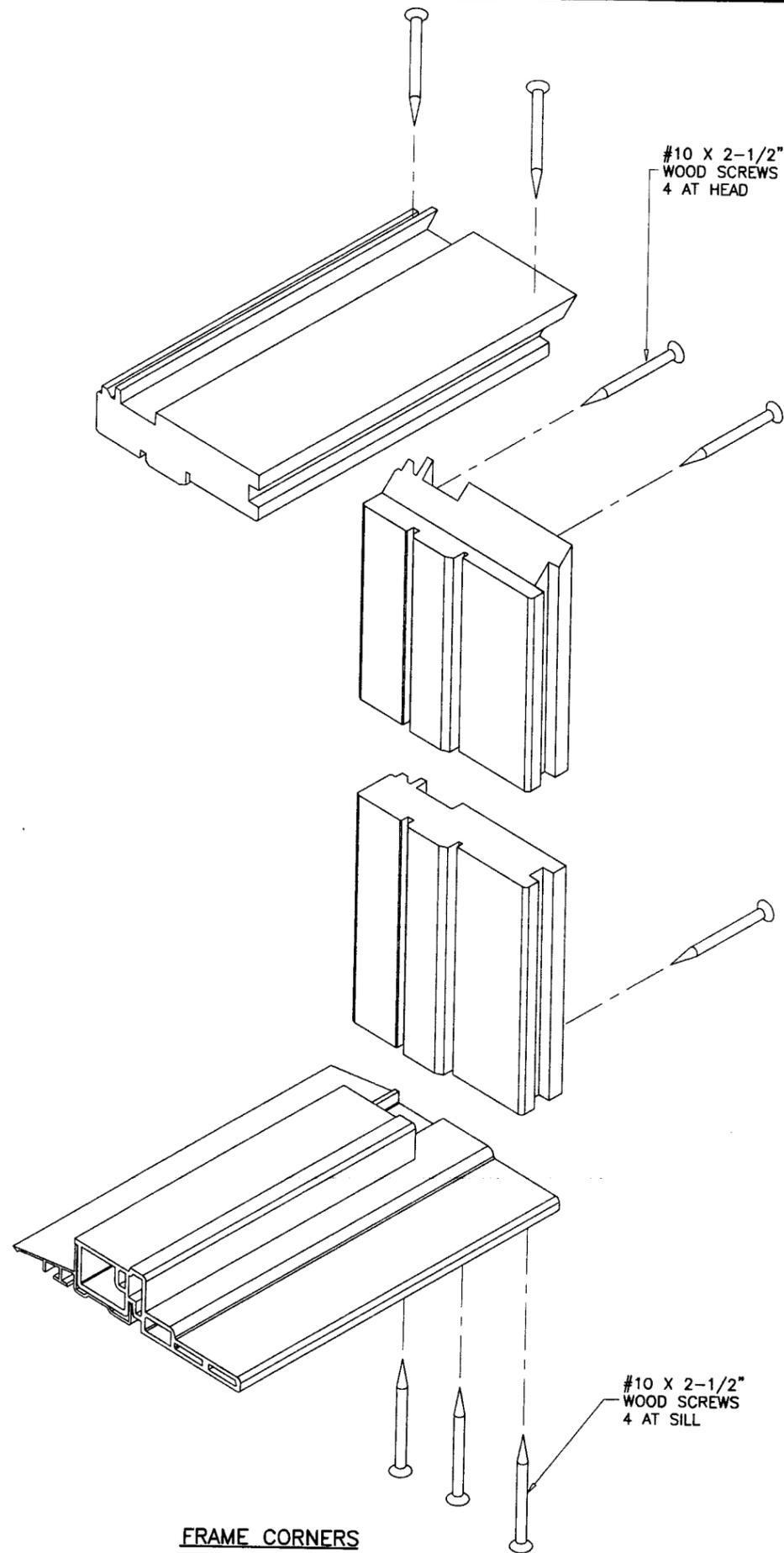
By: *[Signature]*  
Miami Door Product Control  
Division

**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 - 45AC

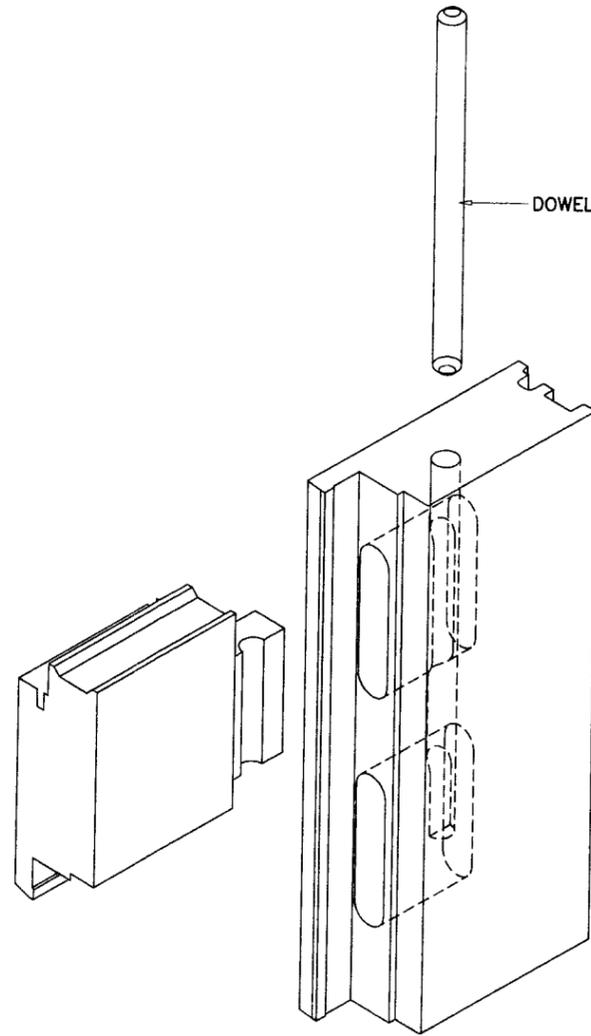
FRENCHWOOD OUTSWING WOOD PATIO DOOR (L.M.I.)  
**ANDERSEN CORPORATION**  
100 FOURTH AVE. NORTH  
BAYPORT, MN. 55003-1096  
TEL (800) 426-7881 FAX (-)

revisions:	no	date	by	description

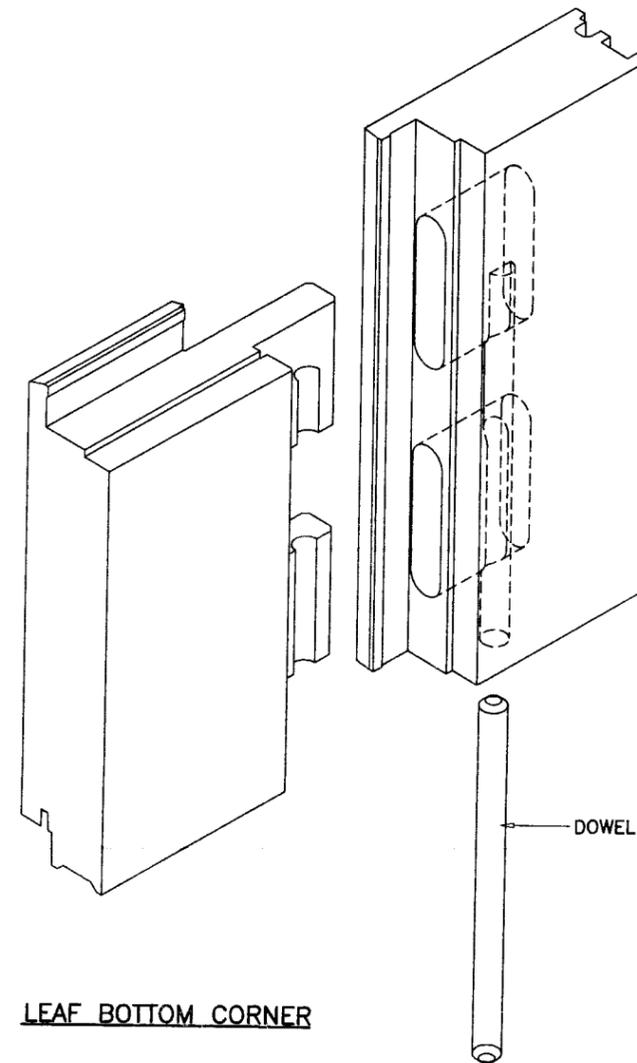
date: 05-08-08  
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dr. by: HAMID  
chk. by:  
drawing no.  
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sheet 4 of 5



FRAME CORNERS



LEAF TOP CORNER



LEAF BOTTOM CORNER

APPLY SEALANT AND INSERT DOWEL. END OF DOWEL SHOULD BE FLUSH TO 0.031 CTSK. WITH SURFACE OF STILE. USE 5.000" FOR TOP RAILS AND 6.500" FOR BOTTOM RAILS.

APPLY 0.125 DIA. ±.031 BEAD SILICONE SEALANT TO STILE-RAIL INTERFACE. BEAD MUST BE CONTINUOUS AND COVER COMPLETE LENGTH OF THE SURFACE WHERE STILE AND RAILS MEET.

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
  
MAY 15 2008

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0516.02  
Expiration Date MAY 19, 2009  
By: J.B. Harris  
Metal Trade Product Control  
Division

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1236 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-45AC

FRENCHWOOD OUTSWING WOOD PATIO DOOR (L.M.I.)  
**ANDERSEN CORPORATION**  
100 FOURTH AVE. NORTH  
BAYPORT, MN. 55003-1096  
TEL (800) 426-7891 FAX (-)  


no	date	by	description

date: 05-09-08  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-45**

sheet 5 of 5