



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
www.miamidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Zeluck Incorporated
5300 Kings Highway
Brooklyn, NY 11234

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 "H-250" Inswing Wood French Door-LMI

APPROVAL DOCUMENT: Drawing No W97-51, titled "H250" Inswing Mahogany Wood French Door (LMI) Sheets 1 through 5 of 5, dated 12-17-97 and last revised on DEC 03, 2009, prepared by Al-Farooq Corporation, signed and sealed by Dr. 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 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 NOA # 07-0919.07, consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOA No 09-0106.08

Expiration Date: September 28, 2011

Approval Date: April 15, 2009

Page 1



3/26/19

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS** (transferred from file # 07-0919.07)
1. Manufacturer's die drawings and sections.
 2. Drawing No **W97-51**, titled "H250" Inswing Mahogany Wood French Door (LMI)" Sheets 1 through 5 of 5, dated 12-17-97 and last revised on DEC 03, 2009, prepared by Al-Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, P.E.
- B. TESTS** (transferred from file # 07-0919.07)
1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Load Static Air Pressure Test, per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Resistance Test, per FBC, TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a wood inswing French door, prepared by Architectural Testing, Inc., Test Report No. **ATI-72408.01-109-18**, dated April 10, 2007, signed and sealed by Michael D. Stremmel, P.E.
 2. Additional test reports issued by Architectural Testing per SFBC, PA 201, 202 & 203-94, Test reports No. **ATI-02-31214.01**, dated 05/13/97 and **ATI-01-30935.01**, dated 05/01/98, both signed and sealed by Allen N. Reeves, P.E.
- C. CALCULATIONS**
1. Anchor verification calculations per FBC 2007, dated 12-03-08 prepared by Al-Farooq Corp., signed and sealed by Dr. Humayoun Farooq, P.E.
 2. Glazing complies with ASTM E-1300-02 & 2004
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "Saflex III G Clear or colored interlayer" dated 05/04/06, expiring on 05/21/11.
- F. STATEMENTS**
1. Statement letter of conformance to FBC 2007 & "No financial interest, dated 11-21-08, signed & sealed by Dr. Humayoun Farooq, P.E.
 2. Lab compliance statements as a part of the above test reports.
- G. OTHER**
1. This NOA revises NOA # **07-0919.07**, which expired on Sep 28, 2011.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

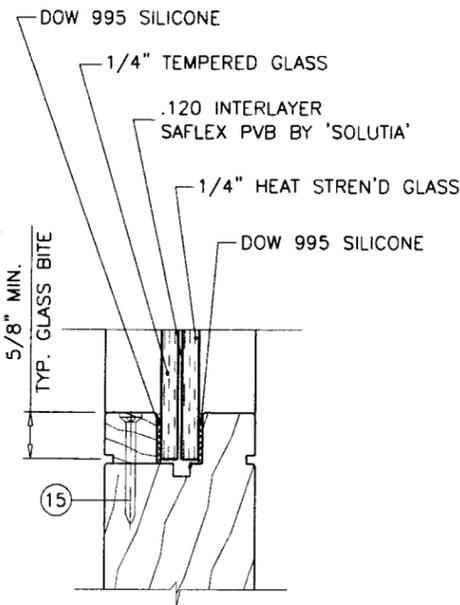
Product Control Examiner

NOA No 09-0106.08

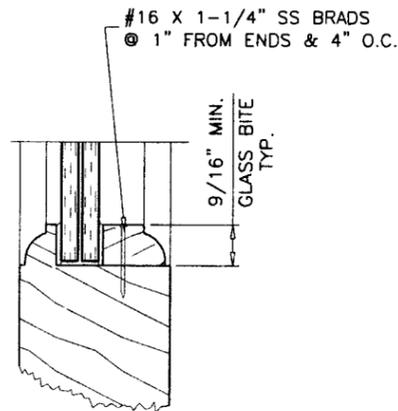
Expiration Date: September 28, 2011

Approval Date: April 15, 2009

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

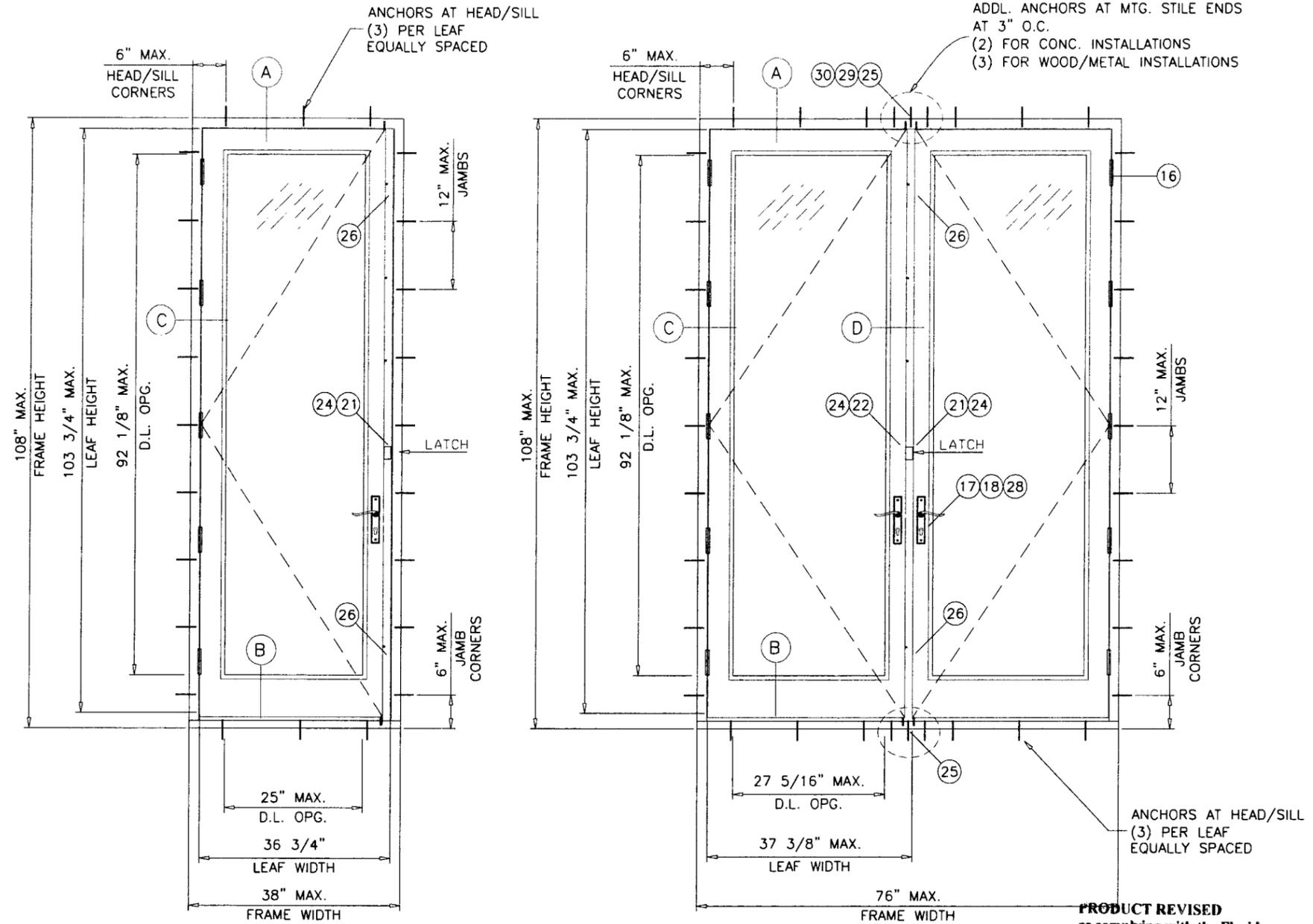


GLAZING DETAIL



ALT. GLAZING STOP

THE APPROVED PRODUCTS NOTED HEREIN ARE EXEMPT FROM PRESERVATIVE TREATMENT PER 2326.2.1 OF THE FLORIDA BUILDING CODE WHICH EXEMPTS WOOD SPECIES LISTED AS 'DURABLE'. THE SPECIFIC PRODUCTS HEREIN ARE EXEMPTED HONDURAN MAHOGANY-SWIETENIA MACROPHYLLA OR EQUIVALENT SPECIES BASED ON USDA LISTING AND MUST HAVE A SPECIFIC GRAVITY EQUAL TO OR HIGHER THAT THE REFERENCED SPECIES.



TYPICAL ELEVATION

H250 INSWING MAHOGANY WOOD FRENCH 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 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 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 75.0 PSF

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

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

DEC 03 2008

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0106-08
Expiration Date SEP 28, 2011
By Ishag J. Chanda
Miami Dade 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\W97-51Z1-N

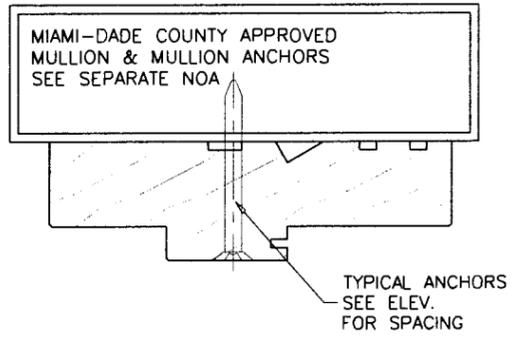
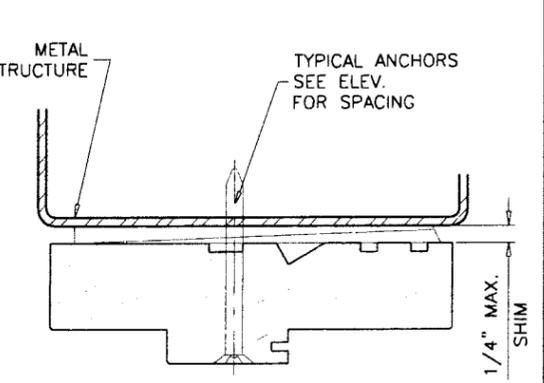
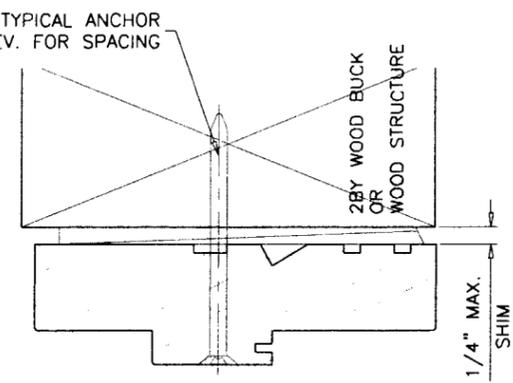
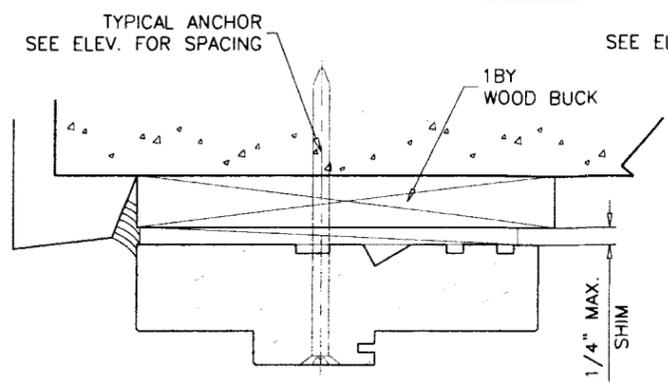
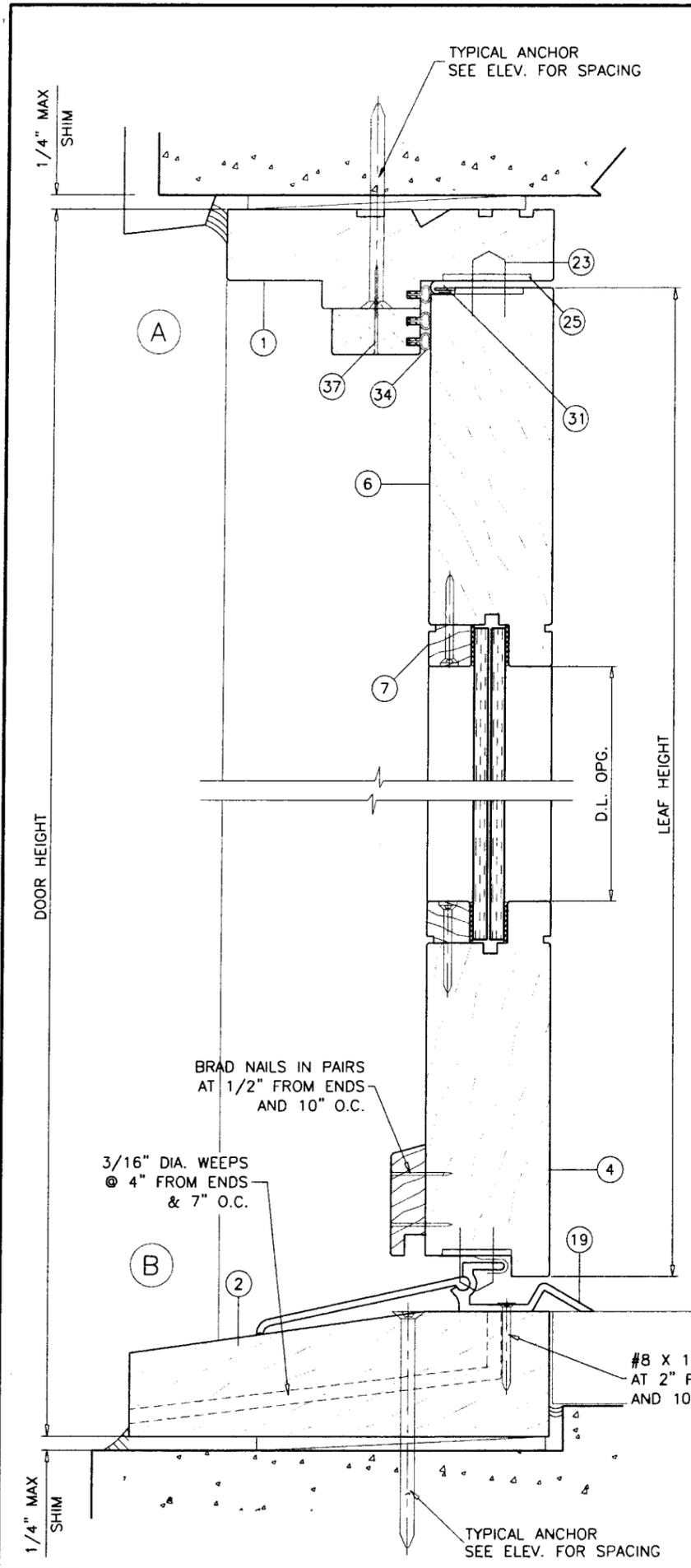
H250 INSWING MAHOGANY WOOD FRENCH DOOR (L.M.I.)
ZELUCK INCORPORATED
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234-9011
TEL. (718) 251-8060 FAX. (718) 531-2564

no	date	description
A	7-15-98	GENERAL REVISION
B	8-05-98	SHIM SPACE & ANCHOR D. REV
C	08-07-06	UPDATED FOR 2004 FBC
D	07-10-07	GENERAL REV.
E	11-24-08	UPDATED FOR 2007 FBC

date: 12-17-97
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.
W97-51

sheet 1 of 5



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#14 SMS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD

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

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

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)

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)

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

CONCRETE f'c = 2730 PSI MIN.
 MASONRY f'm = 1924 PSI MIN.

WEEPHOLES:
 1/2" DIA. WEEPHOLES IN SILL METAL ADAPTER
 1/4" DIA. WEEPHOLES IN SILL WOOD SECTION
 AT 6" FROM EACH END AND 14" O.C. MAX.

HINGES:
 BUTT HINGES AT 8" FROM EACH END AND 28" O.C. MAX.
 EACH HINGE SECURED TO JAMB AND HINGE STILE
 WITH (8) #12 X 1-1/2" SCREWS.

LOCKS:
 MULTI POINT LOCKING SYSTEM WITH ADJACENT KEEPERS
 LOCKING POINTS AT 16" FROM EACH END AND 43" O.C.
 ACTUATING HANDLE AT 42" FROM BOTTOM.
 SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT TOP AND
 BOTTOM OF EACH LEAF.

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

DEC 03 2008

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\W97-51ZI-N

H250 INSMING MAHOGANY WOOD FRENCH DOOR (L.M.I.)

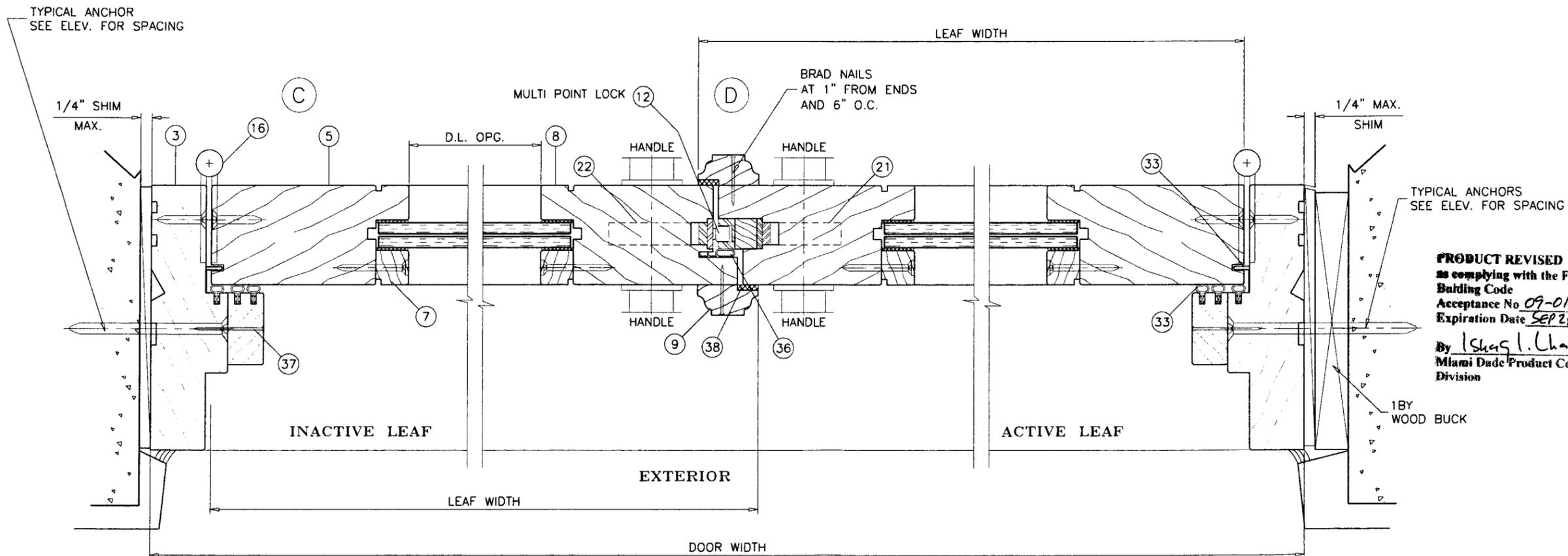
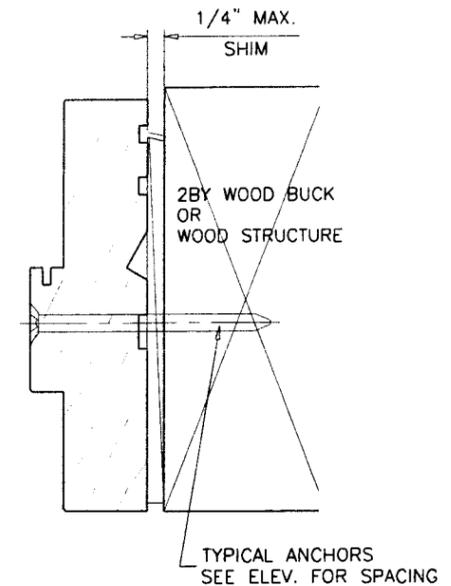
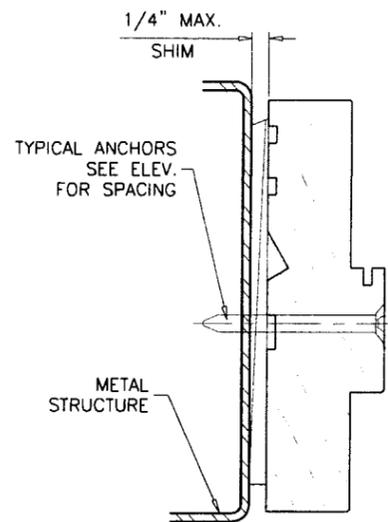
ZELUCK INCORPORATED
 5300 KINGS HIGHWAY
 BROOKLYN, N.Y. 11234-9011
 TEL. (718) 251-8060 FAX. (718) 531-2564

revisions:	no	date	by	description
	C	08.07.06		UPDATED FOR 2004 FBC
	D	07.10.07		GENERAL REV.
	E	11.24.08		UPDATED FOR 2007 FBC

date: 12-17-97
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W97-51

sheet 2 of 5



PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 09-0106-08
 Expiration Date SEP 28, 2011
 By *Ishag I. Chaudhry*
 Miami Dade Product Control Division

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

[Signature]
 DEC 03 2008

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\W97-51ZI-N

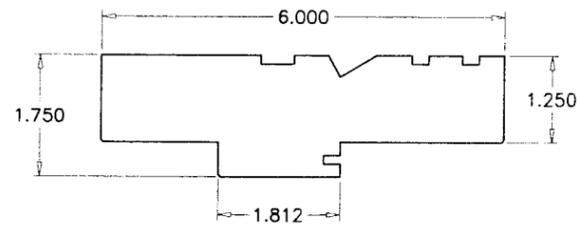
H250 INSWING MAHOGANY WOOD FRENCH DOOR (L.M.I.)
ZELUCK INCORPORATED
 5300 KINGS HIGHWAY
 BROOKLYN, N.Y. 11234-9011
 TEL. (718) 251-8060 FAX. (718) 531-2564

revisions:	no	date	by	description
	C	08.07.06		UPDATED FOR 2004 FBC
	D	07.10.07		GENERAL REV.
	E	11.24.08		UPDATED FOR 2007 FBC

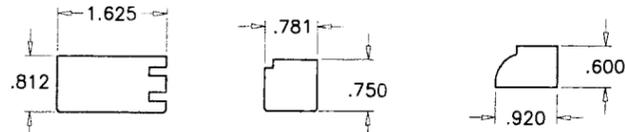
date: 12-17-97
 scale: 3/8" = 1"
 dr. by: HAMID
 ch. by:

drawing no.
W97-51

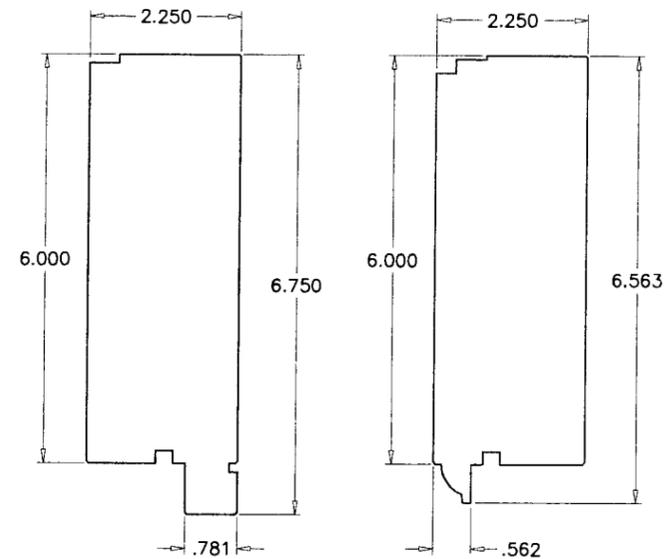
sheet 3 of 5



FRAME HEAD/JAMB
WOOD



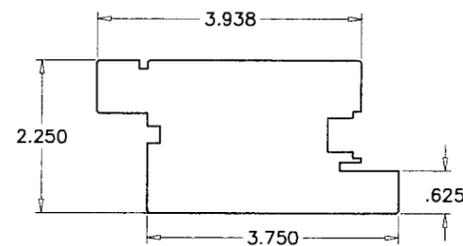
DOOR STOP WOOD GLAZING STOP WOOD ALT. GLAZING STOP WOOD



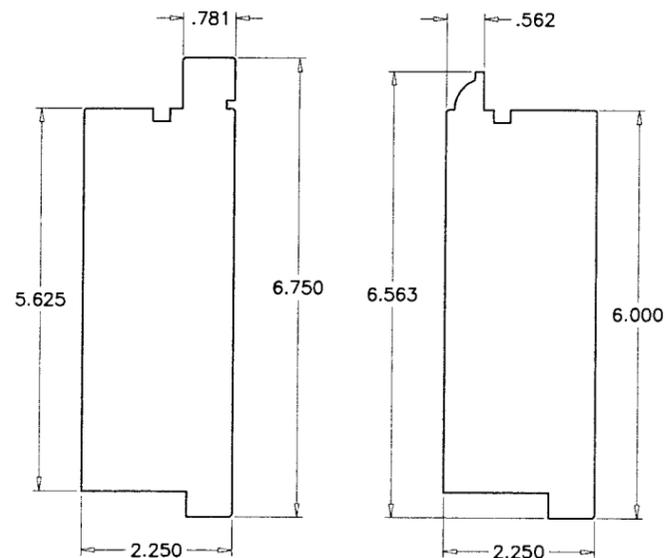
TOP RAIL WOOD ALT. TOP RAIL WOOD



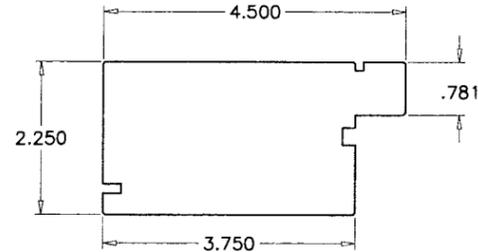
ACTIVE LOCK STILE
WOOD



INACTIVE LOCK STILE
WOOD



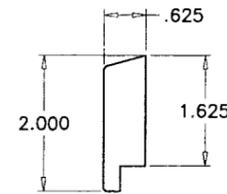
BOTTOM RAIL WOOD ALT. BOTTOM RAIL WOOD



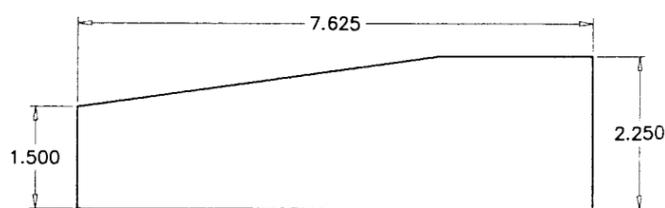
SIDE RAIL
WOOD



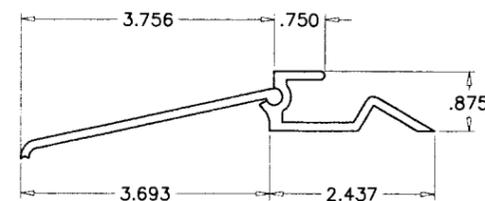
ASTRAGAL
WOOD



DRIP CAP
WOOD



SILL
WOOD



SADDLE
BRONZE

ITEM NO.	QTY.	PART NO.	DESCRIPTION	REMARKS/SUPPLIER
1	1	-	FRAME HEAD (WOOD)	
2	1	-	FRAME SILL (WOOD)	
3	2	-	FRAME JAMB (WOOD)	
4	-	-	HORIZ. BOTT. RAIL (WOOD)	(1) @ BOTT. OF EA. PANEL
5	-	-	SIDE RAIL (WOOD)	(1) @ SIDE OF EA. PANEL
6	-	-	TOP RAIL (WOOD)	(1) @ TOP OF EA. PANEL
7	AS REQD.	-	GLAZING STOP WOOD)	-
8	-	-	LOCK STILE (WOOD)	(1) @ EA. MOVING PANEL
9	1/ PANEL	-	ASTRAGAL (WOOD)	-
12	SEE SHEET 1	-	MULTI POINT LOCK (ZINC CHRMT'D STEEL)	-
15	AS REQD.	-	# 8 X 1-1/2" WOOD SCREWS	@ 10" O.C.
16	5/ LEAF	24.5 BBBR	4-1/2" X 4-1/2" BALL BEARING BUTT HINGE (BRASS)	ZELUCK
17	1/ PANEL	Z/445 38X220 OC	SOLID HANDLE (BRASS)	ZELUCK
18	1/ PANEL	B8809 0064	EUROPEAN PROFILE CYLINDER KEY/KNOB	BKS
19	1	Z 0-1	SOLID BRONZE SADDLE	ZELUCK
20	1/ PANEL	ACC # 7	INTERLOCKING HOOK	ACCURATE
21	1	2684	ACTIVE DOOR LOCKING GEAR (ZINC CHRMT'D STEEL)	GU
22	1	2562	INACTIVE DOOR LOCKING GEAR (ZINC CHRMT'D STEEL)	GU
23	2/ PANEL	M5Z1696	SHOOT BOLTS (ZINC CHRMT'D STEEL)	AT TOP & BOTTOM OF LEAF
24	1/ PANEL	UF8-650	LOCKING GEAR EXTENSION (ZINC CHRMT'D STEEL)	GU
25	1/ PANEL	NO. 293	STRIKING PLATE FOR SHOOT BOLT (ZINC CHRMT'D STEEL)	GU
26	-	NO. E-11637	STRIKING PLATE FOR ROLLING PIN (ZINC CHRMT'D STEEL)	GU
27	-	NO. E-11639	STRIKING PLATE FOR LATCH (ZINC CHRMT'D STEEL)	GU
28	1/ PANEL	6826-2889	HANDLE SPINDLE (ZINC CHRMT'D STEEL)	GU
29	1/ PANEL	2. OX8 OXO .125	BRONZE SHOOT BOLT KEEPER	ZELUCK
30	2/ PANEL	1.75X3 00X0 .125	BRONZE SHOOT BOLT HOUSING	ZELICK
31	AS REQD.	ACC # 7	FRAME BRONZE HOOK W'STRIPPING	ACCURATE
32	AS REQD.	ACC # 8	DOOR BRONZE FLAT W'STRIPPING	ACCURATE
33	2/ PANEL	46-54183	FRAME LEG W'STRIPPING - EPDM (NEOPRENE)	VARNAME
34	1/ PANEL	46-54183	FRAME HEAD W'STRIPPING - EPDM (NEOPRENE)	VARNAME
35	AS REQD.	NO. 10-UP	BRONZE NAILS FOR BRONZE W'STRIPPING	ACCURATE
36	AS REQD.	44-00030	W'STRIPPING FOR ASTRAGAL (NEOPRENE)	VARNAME
37	AS REQD.	-	1" LONG BRAD NAILS	1" FROM ENDS & 10" O.C.

TYPICAL WOOD-HONDURES MAHOGANY LUMBER

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0106-08
Expiration Date SEP 28, 2011
By *Khayal Chowdhury*
Miami Dade Product Control
Division

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

DEC 03 2008

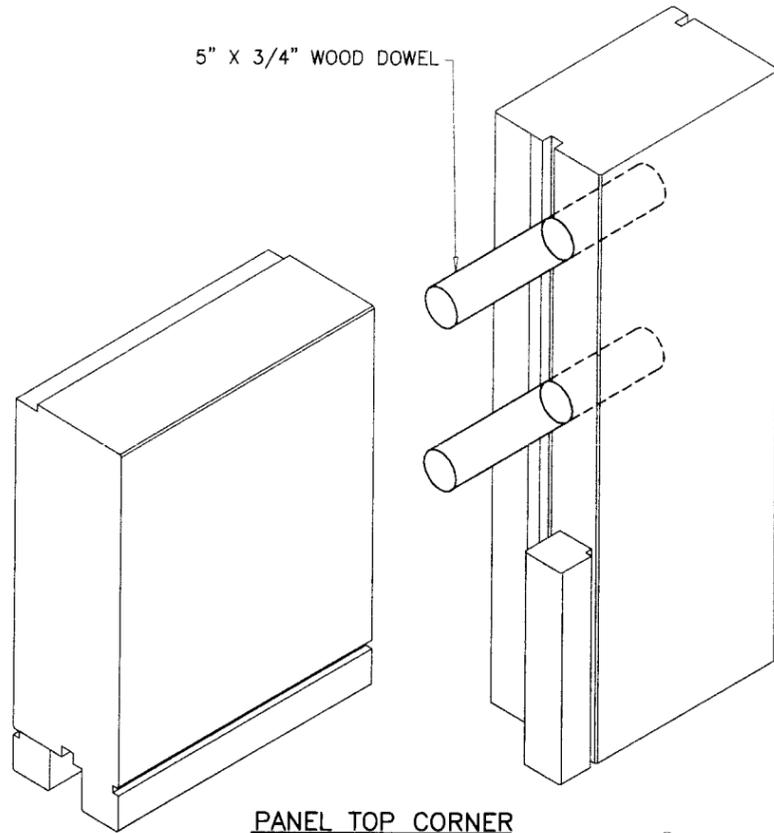
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W97-51Z1-N

H250 INSWING MAHOGANY WOOD FRENCH DOOR (L.M.I.)
ZELUCK INCORPORATED
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234-9011
TEL. (718) 251-8060 FAX. (718) 531-2564

revisions:	no	date	by	description
	C	08.07.06		UPDATED FOR 2004 FBC
	D	07.10.07		GENERAL REV.
	E	11.24.08		NO CHANGE THIS SHEET

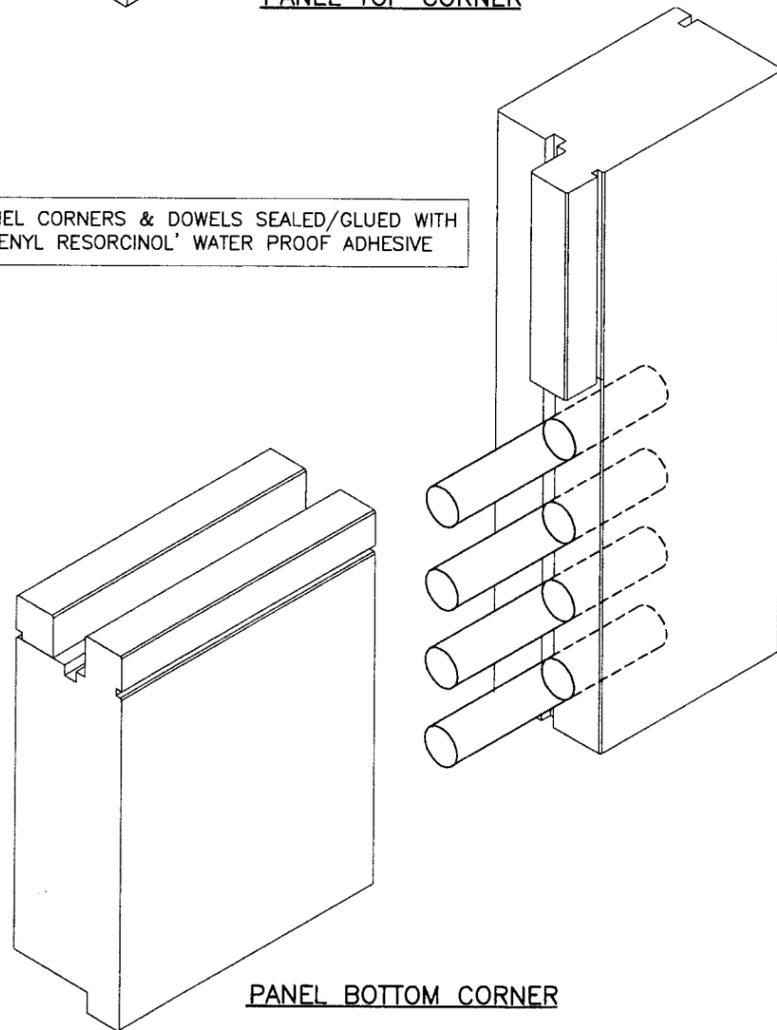
date: 12-17-07
scale: 3/8" = 1"
dr. by: HAMID
chk. by:
drawing no.
W97-51
sheet 4 of 5

5" X 3/4" WOOD DOWEL

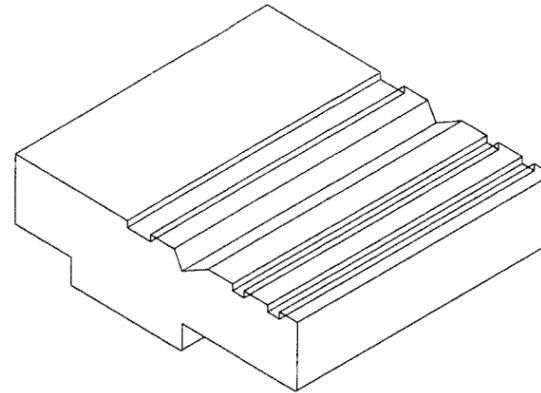


PANEL TOP CORNER

PANEL CORNERS & DOWELS SEALED/GLUED WITH 'PHENYL RESORCINOL' WATER PROOF ADHESIVE

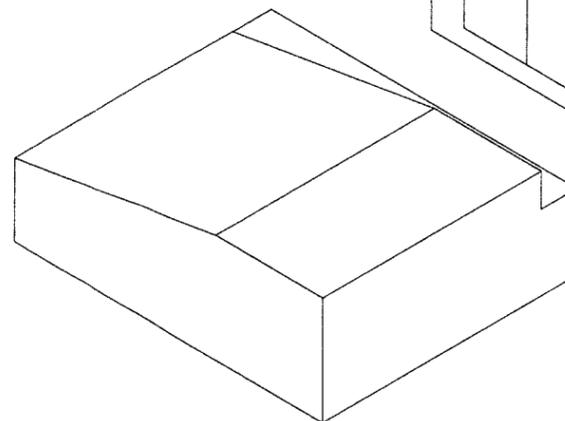


PANEL BOTTOM CORNER

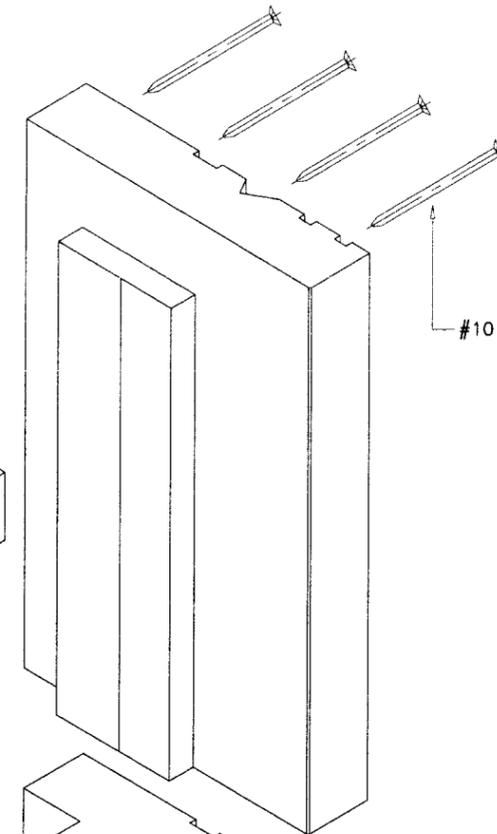


FRAME TOP CORNER

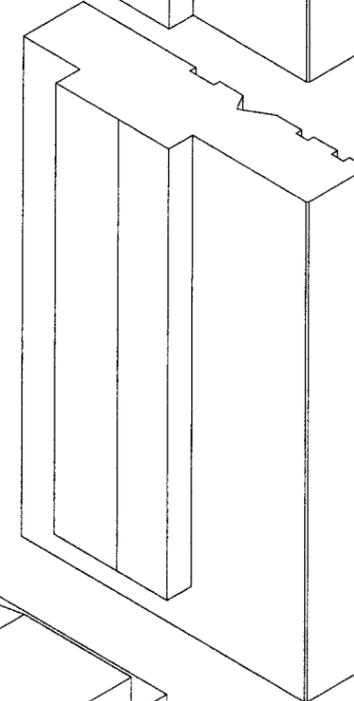
FRAME CORNERS SEALED WITH 'SIKAFLEX 1A' SEALANT



FRAME BOTTOM CORNER



#10 X 4" WOOD SCREWS

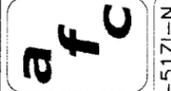


#10 X 4" WOOD SCREWS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 07-0106-09
Expiration Date SEP 23, 2011
By Ishag I. Chanku
Miami Dade Product Control
Division

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

DEC 03 2008



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W97-51ZI-N

H250 INSUNG MAHOGANY WOOD FRENCH DOOR (L.M.I.)
ZELUCK INCORPORATED
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234-9011
TEL. (718) 251-8060 FAX. (718) 531-2564

revisions:	
no	date by description
C	08.07.06 UPDATED FOR 2004 FBC
D	07.10.07 GENERAL REV.
E	11.24.08 NO CHANGE THIS SHEET

date: 12-17-97
scale: 3/8" = 1"
dr. by: HAMID
chk. by:
drawing no.
W97-51
sheet 5 of 5