



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)

Hartman Windows & Doors, LLC
531 Southern Blvd.
West Palm Beach, Fl. 33405

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: "American" Series Inswing glazed Wood Patio Doors

APPROVAL DOCUMENT: Drawing No **W08-28**, titled "American" Inswing Wood Patio Doors" Sheets 1 through 9 of 9, dated 03-18-08 and last revised on Sep 10, 2008, prepared by Al-Farooq Corporation, signed and sealed by Dr. 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 Impact

Limitation:

1. Wood material in direct contact with masonry or concrete shall be treated with approved preservative or approved durable species complying w/ chapter 23 of FBC.
2. Max raised panel is limited =38"WX42" H panel (Min thickness of raised panel=1-3/4" min 1/2" bites).

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 pages E-1 & E-2 as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOA No 08-0603.08

Expiration Date: October 23, 2013
Approval Date: October 23, 2008

Page 1



9/29/08

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts drawings and sections.
2. Drawing No **W08-28**, titled "American" Inswing Wood Patio Doors" Sheets 1 through 9 of 9, dated 03-18-08 and last revised on Sep 10, 2008, prepared by Al-Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, P.E.

B. TESTS

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 203-94

Along with marked-up drawings and installation diagram of an inswing wood door w/ sidelites, prepared by Fenestration Testing Lab Inc., Test Report No. **FTL 5294 (FTL07083)**, dated 08/21/07, signed and sealed by Carlos S. Roinda, P.E.

2. Additional test reports on 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 202-94

Along with installation diagram of outswing wood doors & wood doors w/ sidelites & transom marked-up by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-0137-0215.05** dated **02/21-24/05** and **HTL-0137-0328.05** dated **03/30/05**, both signed and sealed by Vinu Abraham, P.E.

Note: The above test reports have been revised by an addendum letter dated 07/30/08, issued by Hurricane Testing, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations dated 05-14-08 and last revised on Sep10, 2008 prepared by Al-Farooq Corp, signed and sealed by Dr. Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours for "SentryGlas Plus", expiring on 01/14/2012.
2. Notice of Acceptance No. **03-0415.13** issued to Solutia, Inc. for "Vanceva Composites", expiring on 12/11/08.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 08-0603.08
Expiration Date: October 23, 2013
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Hartman Windows & Doors, LLC

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F. STATEMENTS

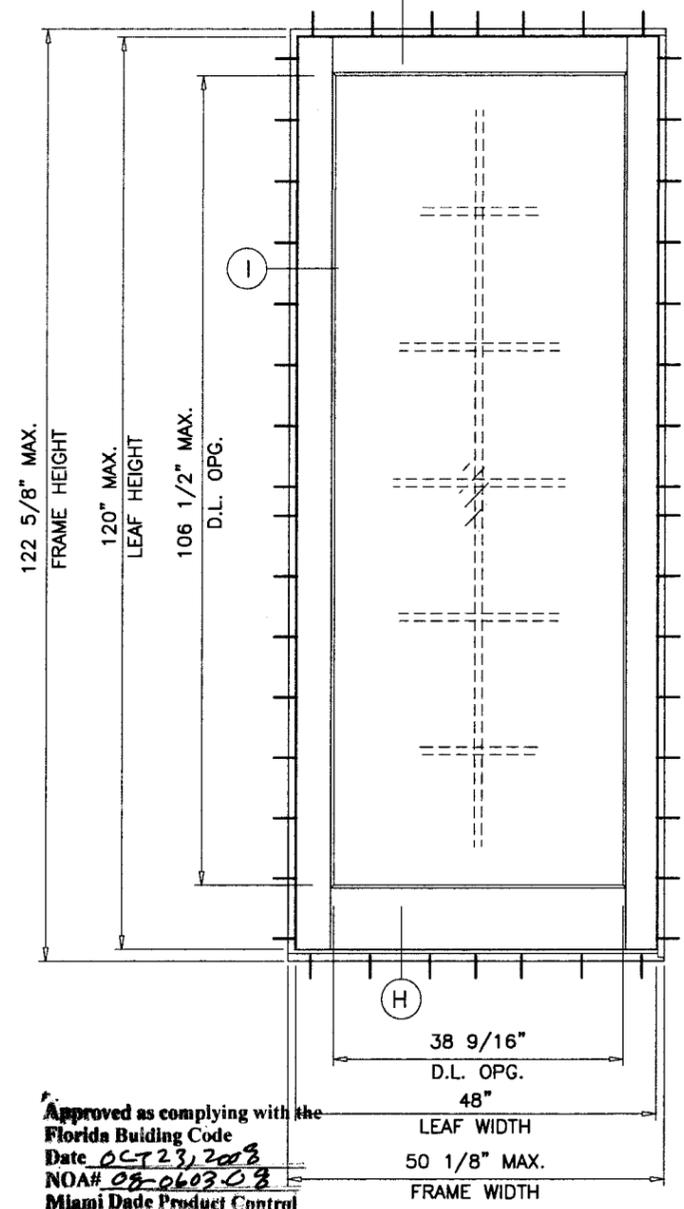
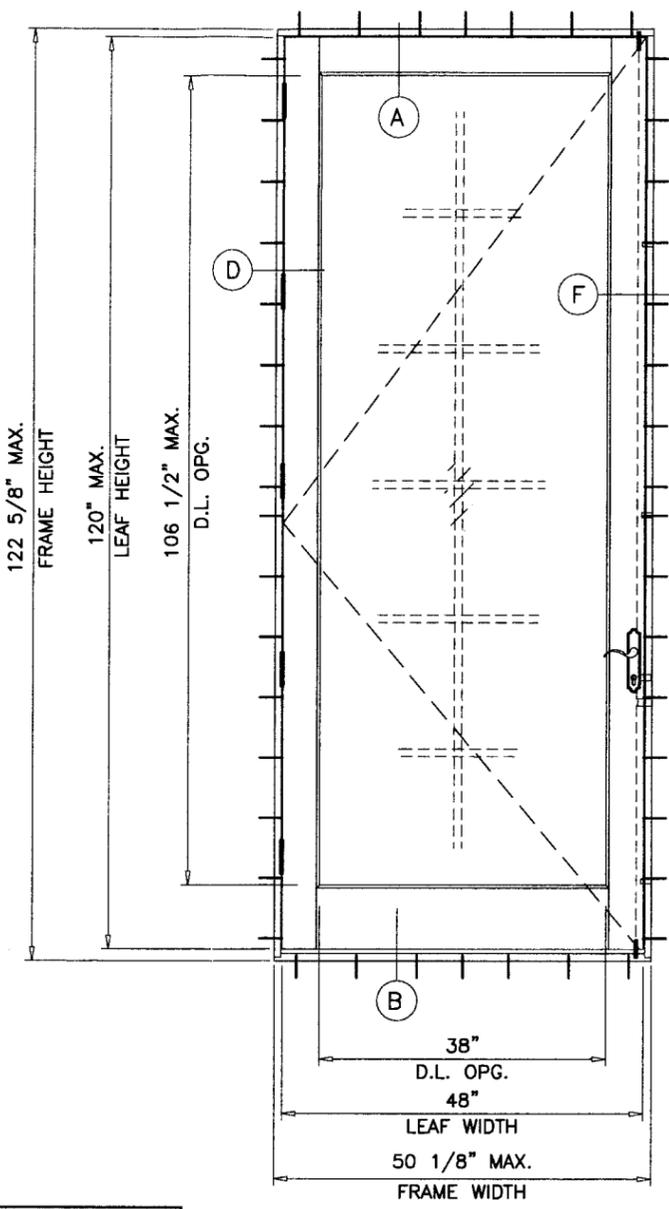
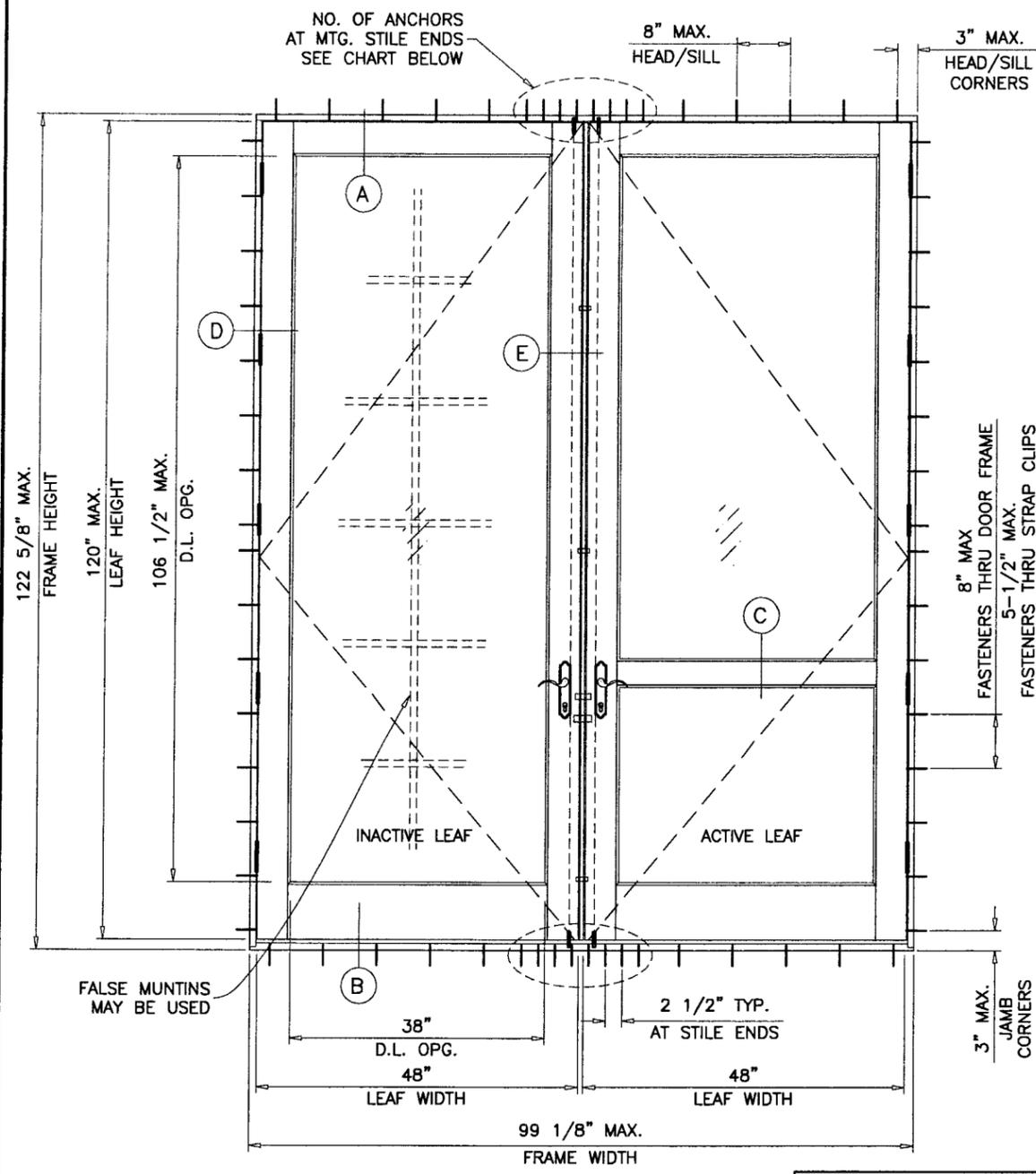
1. Statement letter of conformance & "No financial interest, dated 05-08-08, both signed & sealed by Dr. Humayoun Farooq, P.E.
2. Lab compliance statements as a part of the above test reports.

G. OTHER

1. Test proposal dated 05/15/06 approved by BCCO.
2. Assest Purchase Agreement dated Jan 17, 2002 between Hartman Windows & Doors, LLC and Platinum Industries Inc.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 08-0603.08
Expiration Date: October 23, 2013
Approval Date: October 23, 2008



Approved as complying with the Florida Building Code
 Date 05/23/2008
 NOA# 08-0603-08
 Miami Dade Product Control Division
 By [Signature]

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

MAXIMUM DOOR HEIGHT	NUMBER OF ANCHORS AT MTG. STILE ENDS		
	THRU DOOR FRAME	THRU STRAP CLIP	THRU CONT. ANGLE
10 FT.	6	20	7
8 FT.	5	16	6

AMERICAN INSWING WOOD PATIO DOOR

DESIGN LOAD RATING FOR THESE DOORS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS. ALSO SINGLE AND DOUBLE DOORS IN COMBINATION WITH SIDELITES USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. ALSO SINGLE AND DOUBLE DOORS WITH OR WITHOUT SIDELITES IN COMBINATION WITH TRANSOMS USING MIAMI-DADE COUNTY APPROVED MULLION IN BETWEEN. LOWER DESIGN PRESSURES FROM DOOR, SIDELITE OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM, TO BE REVIEWED AND APPROVED BY AUTHORITY HAVING JURISDICTION. DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

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 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

LAMINATED GLASS
 INSULATING LAMINATED GLASS

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 SEP 10 2008

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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 MIAMI, FLORIDA 33174
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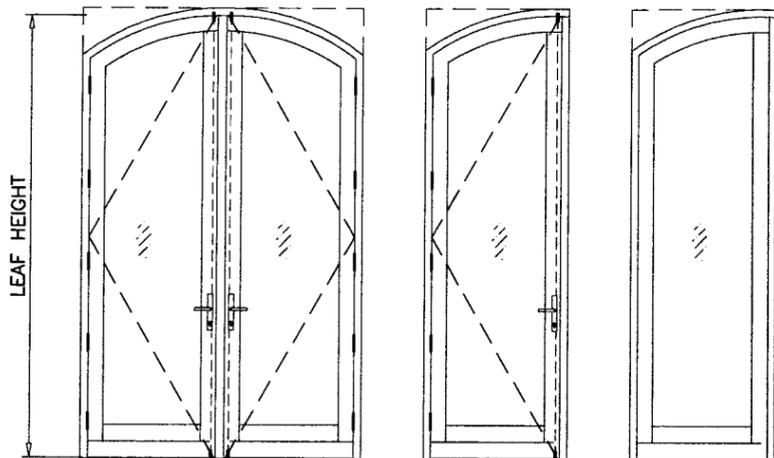
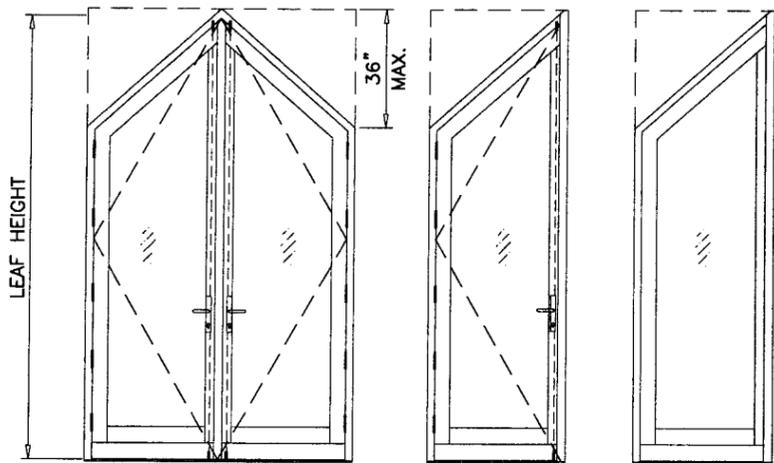
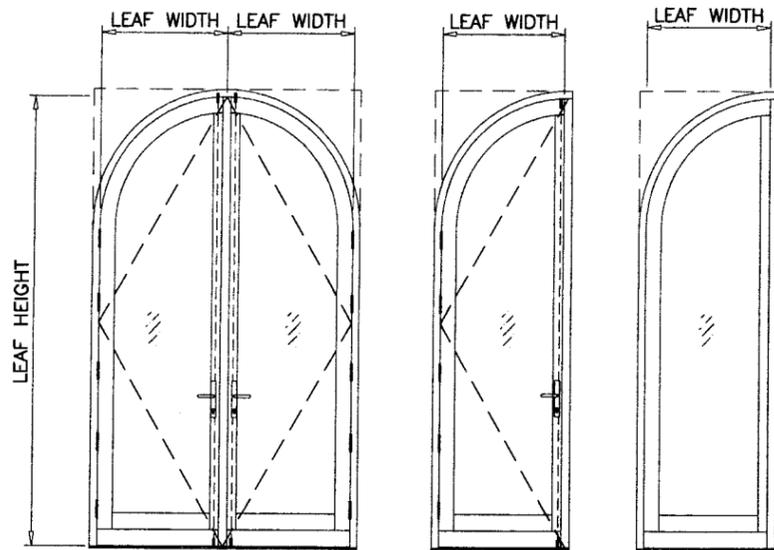
AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)
HARTMAN WINDOWS & DOORS, LLC
 531 SOUTHERN BLVD.
 WEST PALM BEACH, FL 33405
 TEL. (561) 296-9600 FAX. (561) 296-9601

Revisions:

no	date	by	description
A	08.28.08		REV. PER BCCO COMMENTS

date: 03-18-08
 scale: 1/2" = 1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W08-28
 sheet 1 of 9



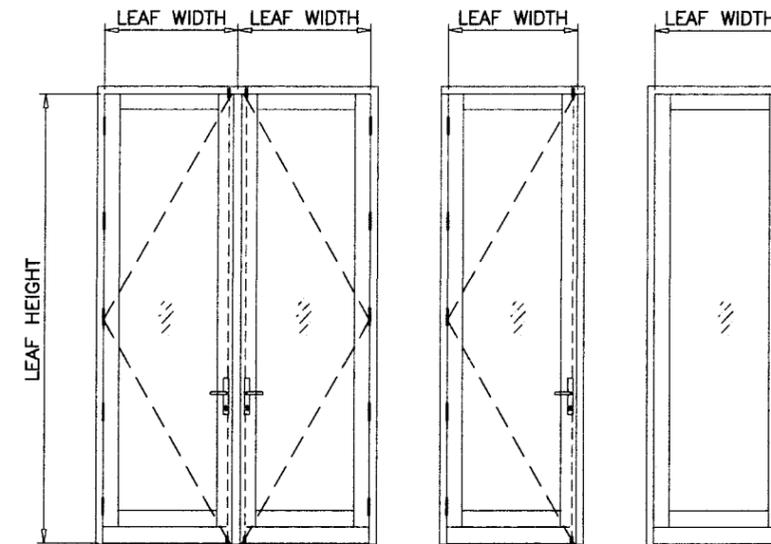
(XX)

(X)

(O)

ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

DESIGN LOAD CAPACITY - PSF ARCH TOP DOORS							
NOMINAL DIMS.		GLASS TYPES A, B & D		GLASS TYPE C		GLASS TYPE E	
LEAF WIDTH INCHES	LEAF HEIGHT INCHES	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36	84	70.0	70.0	75.0	70.0	75.0	70.0
	96	70.0	70.0	75.0	70.0	75.0	70.0
	108	70.0	70.0	75.0	70.0	75.0	70.0
	120	70.0	70.0	75.0	70.0	75.0	70.0



(XX)

(X)

(O)

DESIGN LOAD CAPACITY - PSF RECTANGLE DOORS							
NOMINAL DIMS.		GLASS TYPES A, B & D		GLASS TYPE C		GLASS TYPE E	
LEAF WIDTH INCHES	LEAF HEIGHT INCHES	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36	84	70.0	70.0	75.0	70.0	75.0	70.0
	96	70.0	70.0	75.0	70.0	75.0	70.0
	108	70.0	70.0	75.0	70.0	75.0	70.0
	120	70.0	70.0	75.0	70.0	75.0	70.0
42	84	-	-	75.0	70.0	75.0	70.0
	96	-	-	75.0	70.0	75.0	70.0
	108	-	-	75.0	70.0	75.0	70.0
	120	-	-	75.0	70.0	75.0	70.0
48	84	-	-	75.0	70.0	75.0	70.0
	96	-	-	69.4	69.4	75.0	70.0
	108	-	-	64.3	64.3	75.0	70.0
	120	-	-	61.2	61.2	75.0	70.0

DOORS CAN BE INSTALLED WITH ANY OF THE FOLLOWING OPTIONS

- OPTION 1: BY USING FASTENERS THRU DOOR FRAME.
- OPTION 2: BY USING FASTENERS THRU STRAP CLIPS.
- OPTION 3: BY USING FASTENERS THRU CONT. ALUM ANGLE.

SEE ELEVATIONS FOR SPACING
SEE SHEETS 4 THRU 7 FOR DETAILS.

FOR DESCRIPTION AND LOCATION OF
LOCKS AND HINGES SEE SHEET 3.

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

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

SEP 10 2008

Approved as complying with the
Florida Building Code
Date 06/23/2008
NOA# 05-0603-08
Miami Dade Product Control
Division
By Sheag I. Chandy

af c
AL-FAROOQ CORPORATION
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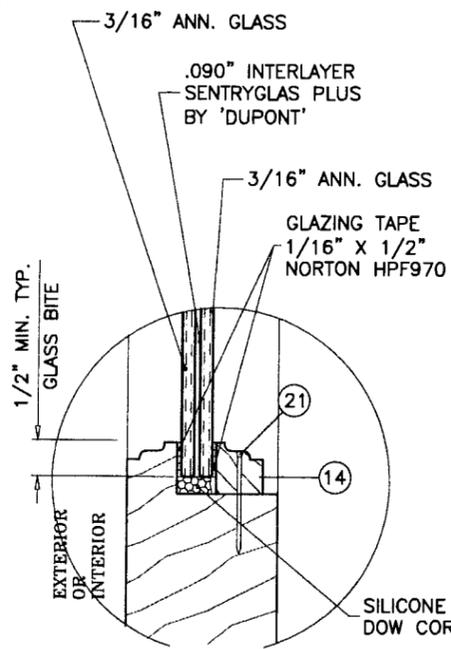
AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)
HARTMAN WINDOWS & DOORS, LLC
531 SOUTHERN BLVD.
WEST PALM BEACH, FL 33405
TEL. (561) 296-9600 FAX. (561) 296-9601

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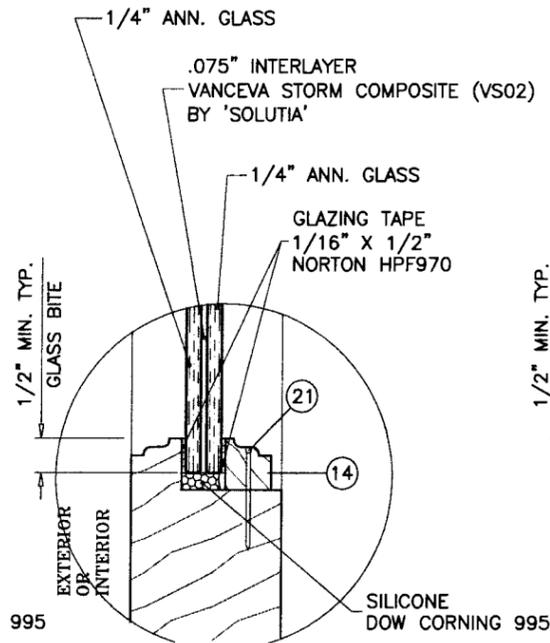
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dr. by: HAMID
chk. by:

drawing no.
W08-28

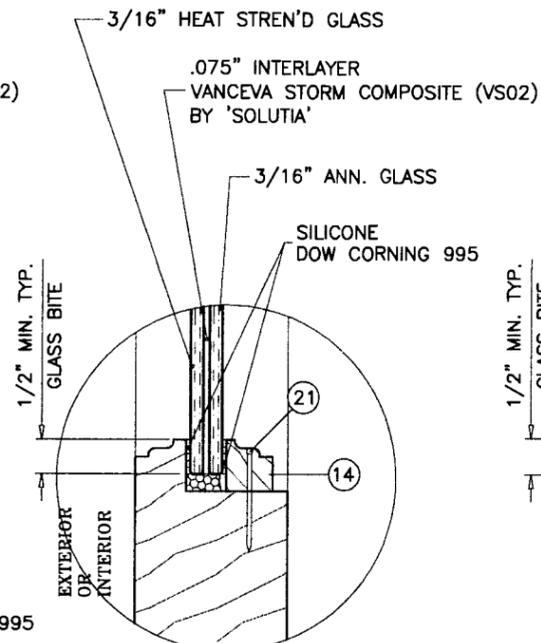
sheet 2 of 9



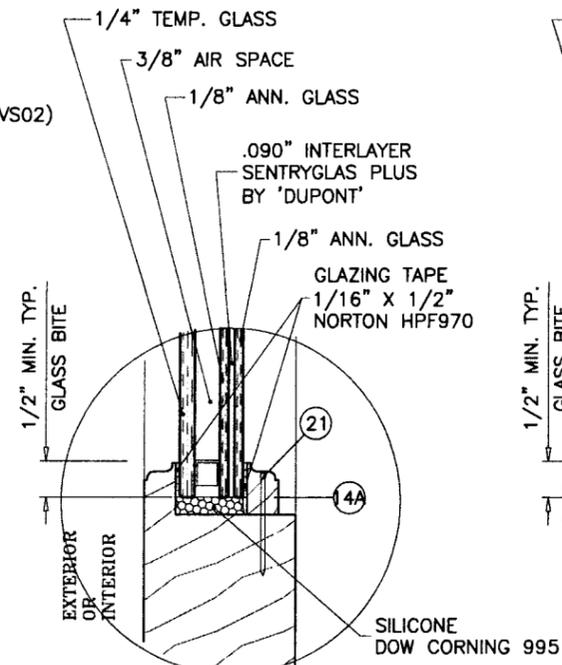
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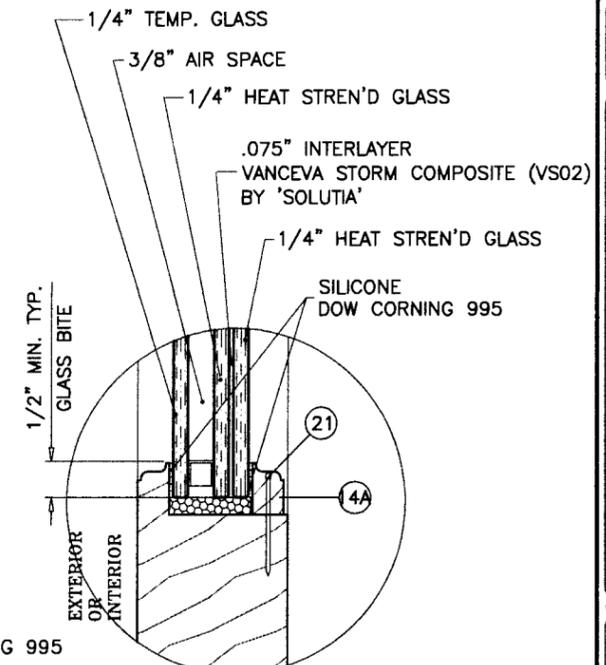
GLAZING TYPE 'B'



GLAZING TYPE 'C'



GLAZING TYPE 'D'



GLAZING TYPE 'E'

LOCKS:

SINGLE LEAF DOORS

7 POINT LOCKING SYSTEM GU UF8-625 WITH SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL ACTUATING HANDLE AT 34" FROM BOTTOM.
 LOCK FASTENED WITH SINGLE ROW OF (20) #8 X 1-3/4" SMS
 (3) 3-3/4" LONG METALLIC STRIKE PLATES AT FRAME JAMB AT 9", 57-1/2" AND 90" FROM BOTTOM
 EACH FASTENED WITH (2) #8 X 3/4" FH SMS
 (1) 8" LONG METALLIC STRIKE PLATE AT FRAME JAMB AT 34-3/4" FROM BOTTOM
 FASTENED WITH (3) #8 X 3/4" FH SMS

DOUBLE LEAF DOORS

ACTIVE LEAF:

7 POINT LOCKING SYSTEM GU UF8-625 WITH SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL ACTUATING HANDLE AT 34" FROM BOTTOM.
 LOCK FASTENED WITH SINGLE ROW OF (20) #8 X 1-3/4" SMS
 (3) 3-3/4" LONG METALLIC STRIKE PLATES AT INACTIVE LEAF AT 9", 57-1/2" AND 90" FROM BOTTOM
 EACH FASTENED WITH (2) #8 X 3/4" FH SMS
 (1) 8" LONG METALLIC STRIKE PLATE AT INACTIVE LEAF AT 34-3/4" FROM BOTTOM
 FASTENED WITH (3) #8 X 3/4" FH SMS
 (1) 3-1/4" LONG METALLIC STRIKE PLATE IN FRAME SILL AT FLUSH BOLT LOCATION
 FASTENED WITH (3) #8 X 1-3/4" FH SMS

IN-ACTIVE LEAF:

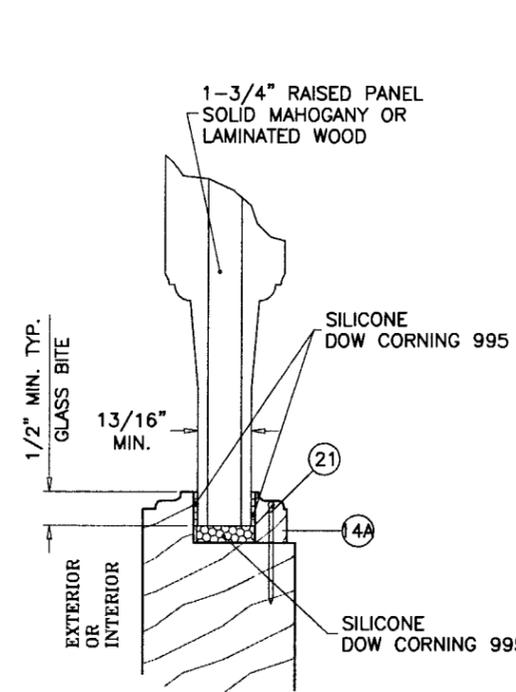
2 POINT LOCK SYSTEM WITH SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL ACTUATING HANDLE AT 34" FROM BOTTOM
 (1) 3-1/4" LONG METALLIC STRIKE PLATE IN FRAME SILL AT FLUSH BOLT LOCATION
 FASTENED WITH (3) #8 X 1-3/4" FH SMS

SEALANT:

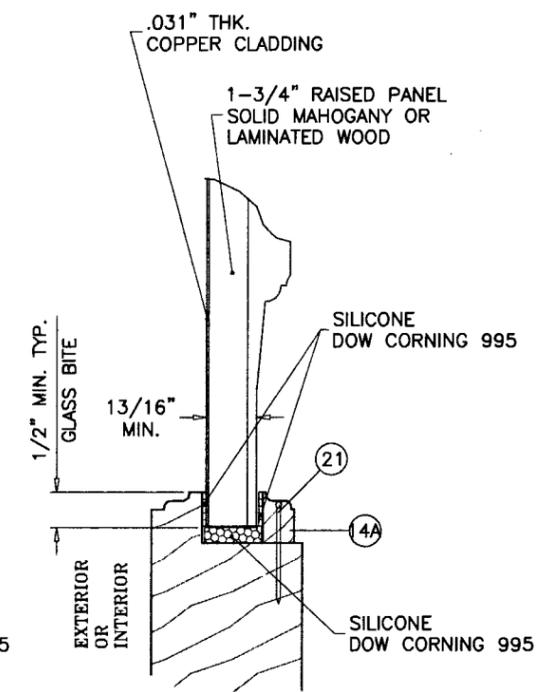
ALL JOINTS SEALED WITH SONNEBORN NP 1 POLYURETHANE SEALANT.

HINGES:

4-1/2" X 4-1/2" ST. STEEL BUTT HINGES AT 12" FROM TOP AND BOTTOM AND 25" O.C. MAX. EACH FASTENED TO FRAME WITH (4) #12 X 7/8" FH SMS
 LEAF WITH (4) #12 X 2-1/2" FH WOOD SCREWS



GLAZING TYPE 'F'



GLAZING TYPE 'G'

GLAZING OPTIONS

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

SEP 10 2008

Approved as complying with the Florida Building Code
 Date 06/23/2008
 NOA# 08-0603-08
 Miami Dade Product Control Division
 By *Shay L. Clark*

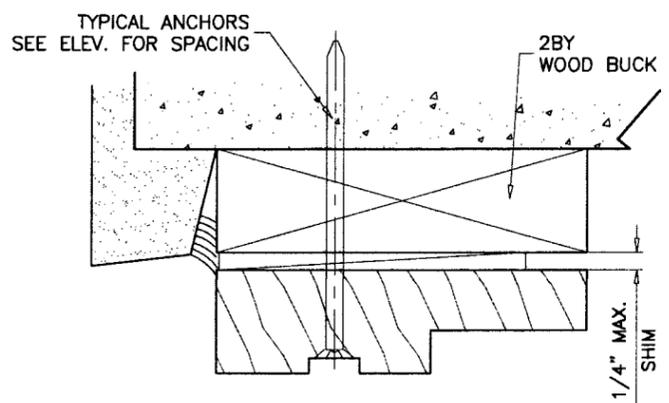
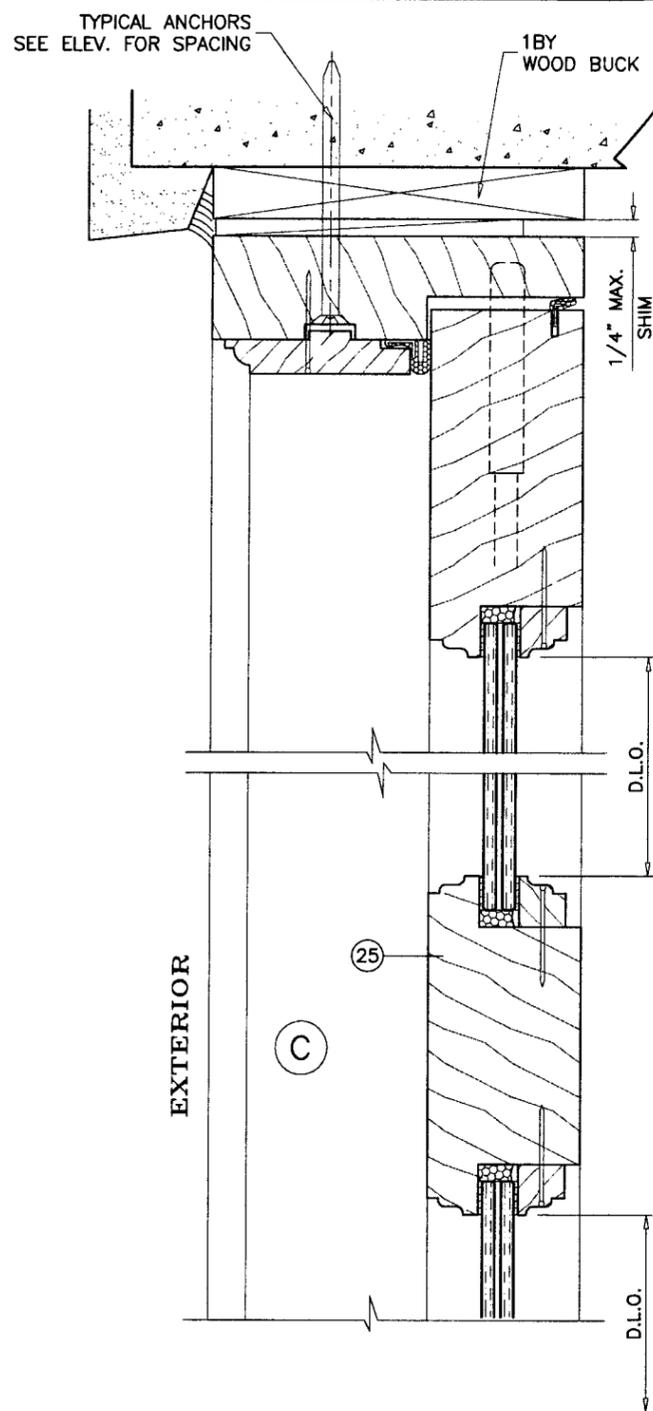
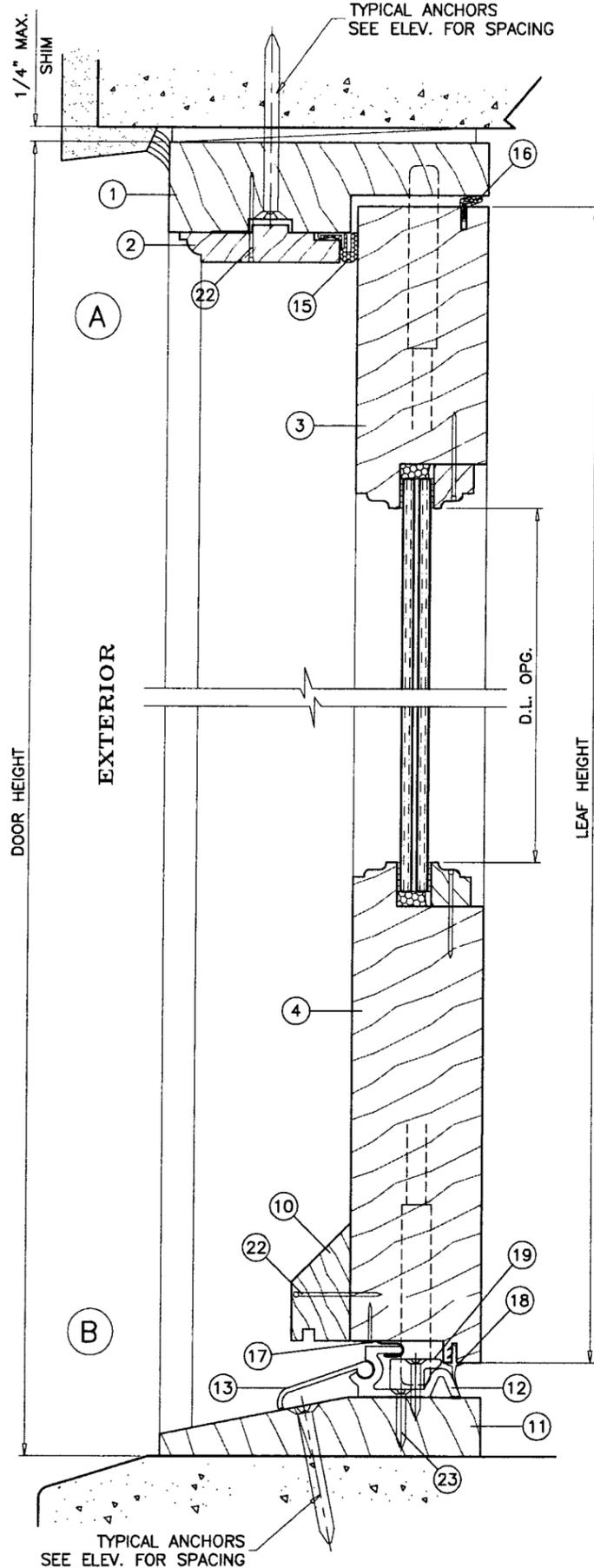
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 COMP-ANL\W08-28HWD

AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)
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no.	date	description	REV. PER	BCCO	COMMENTS
A	08.28.08				

date: 03-18-08
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W08-28



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

TYPICAL ANCHORS

ANCHORS THRU DOOR FRAME

- A: 1/4" DIA. TAPCONS BY 'ELCO'
 - INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 - 1-3/8" MIN. PENETRATION INTO WOOD
 - THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 - 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

ANCHORS THRU STRAP CLIPS & ALUM ANGLE

- B: #10 SMS
 - INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 - 1-3/4" MIN. PENETRATION INTO WOOD

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2" MIN. (UNLESS SPECIFIED)
 INTO WOOD STRUCTURE = 3/4" MIN. (UNLESS SPECIFIED)

ANCHORS CL TO CL DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 3/4" MIN. (UNLESS SPECIFIED)

Approved as complying with the Florida Building Code
 Date OCT 23, 2008
 NOA# 08-0603-03
 Miami Dade Product Control
 Division
 By Shay L. Clarke

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

SEP 10 2008

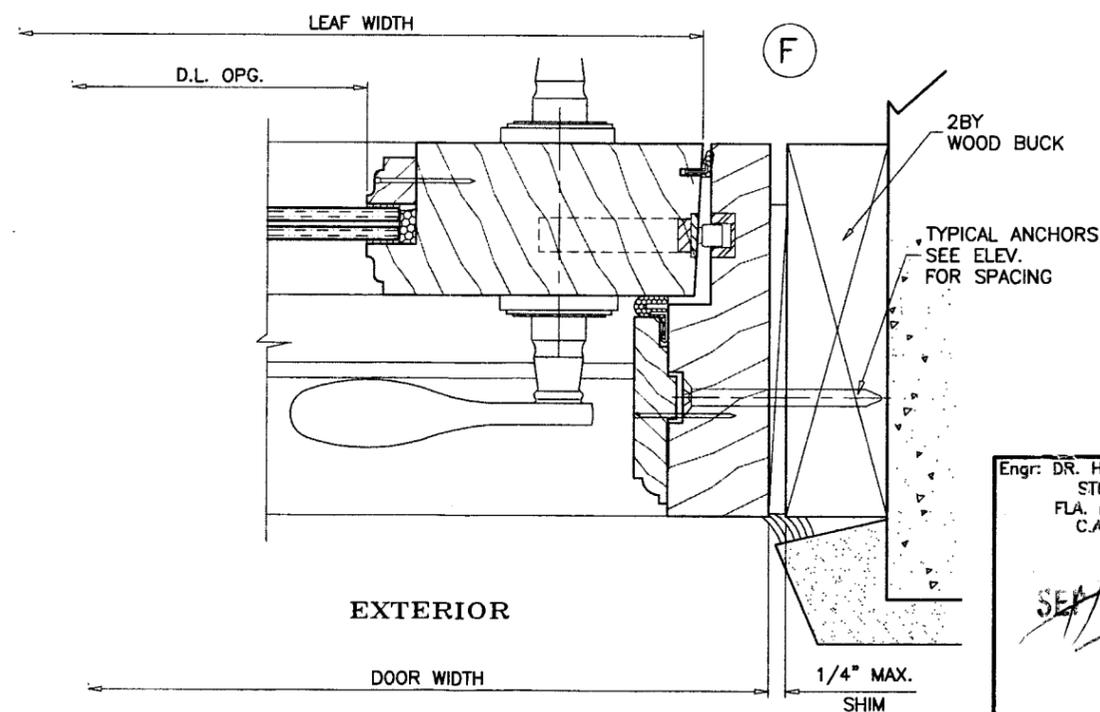
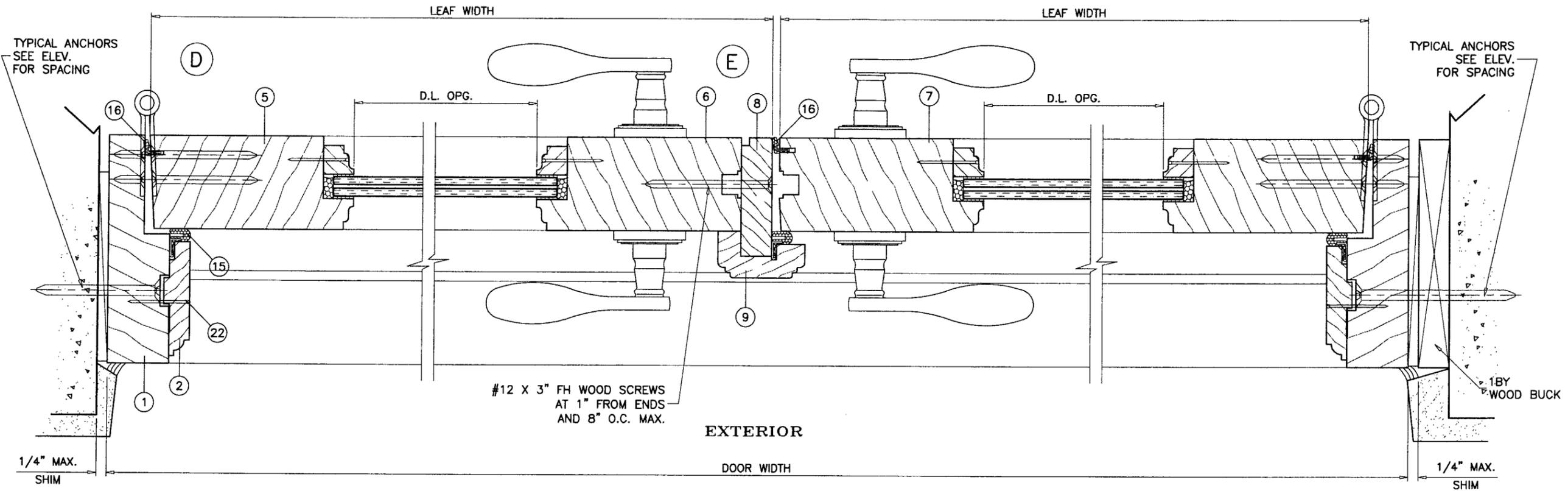
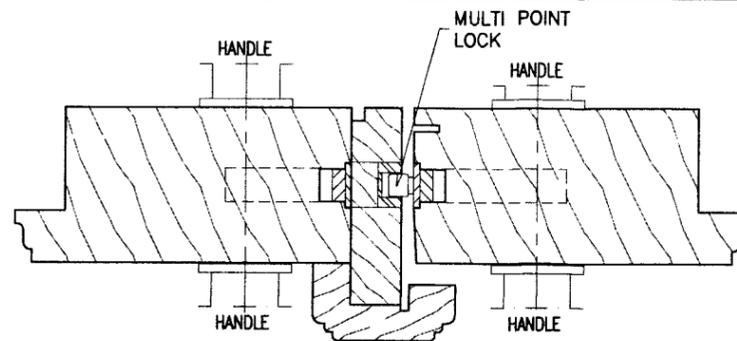
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 chk. by:

drawing no.
W08-28



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 Date OCT 23, 2007
 NOA# 06-0603-08
 Miami Dade Product Control Division
 By Shaqi Chaudhary

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 18557
 C.A.N. 3538

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afC
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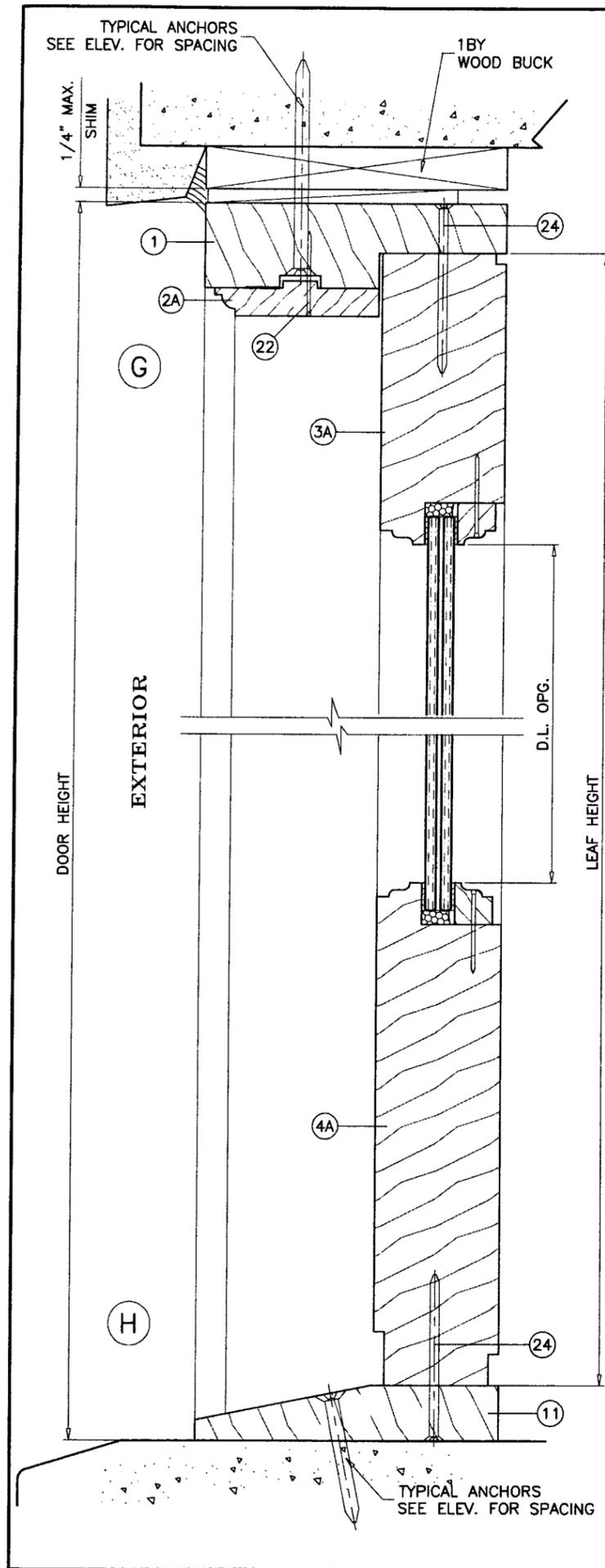
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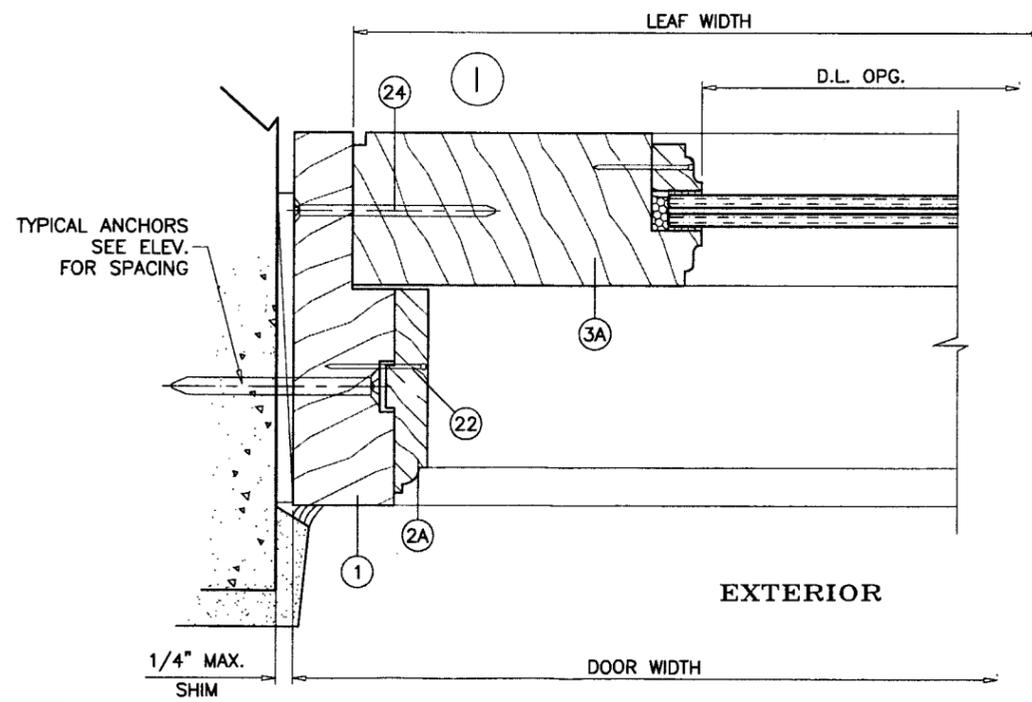
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W08-28

sheet 5 of 9



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	3/	DOOR FRAME HEAD/JAMB	WOOD	MAHOGANY
2	-	3/	DOOR EXTERIOR DOOR STOP (OPERATING)	WOOD	MAHOGANY
2A	-	3/	DOOR EXTERIOR DOOR STOP (STATIONARY)	WOOD	MAHOGANY
3	-	2/	LEAF TOP RAIL (ACTIVE)	WOOD	MAHOGANY
3A	-	2/	LEAF TOP RAIL (STATIONARY)	WOOD	MAHOGANY
3B	-	2/	LEAF TOP RAIL (INSUL. LAM. GLASS)	WOOD	MAHOGANY
4	-	1/	LEAF BOTTOM RAIL (ACTIVE)	WOOD	MAHOGANY
4A	-	1/	LEAF BOTTOM RAIL (STATIONARY)	WOOD	MAHOGANY
4B	-	1/	LEAF BOTTOM RAIL (INSUL. LAM. GLASS)	WOOD	MAHOGANY
5	-	1/	LEAF HINGE STILE / LOCK STILE	WOOD	MAHOGANY
6	-	1/	LEAF INACTIVE LEAF MEETING STILE	WOOD	MAHOGANY
7	-	1/	LEAF ACTIVE LEAF MEETING STILE	WOOD	MAHOGANY
8	-	AS REQD.	ASTRAGAL	WOOD	MAHOGANY
9	-	AS REQD.	ASTRAGAL COVER	WOOD	MAHOGANY
10	-	1/	LEAF DRIP CAP	WOOD	MAHOGANY
11	-	1	FRAME SILL	WOOD	MAHOGANY
12	-	1	THRESHOLD	BRONZE	-
13	-	1	THRESHOLD EXTENSION	BRONZE	-
14	-	AS REQD.	GLASS STOP (LAM. GLASS)	WOOD	MAHOGANY
14A	-	AS REQD.	GLASS STOP (INSUL. LAM. GLASS)	WOOD	MAHOGANY
15	QDS-650	AS REQD.	Q-LON WEATHERSEAL GASKET	-	SCHLEGEL
16	QEZ-320	AS REQD.	Q-LON WEATHERSEAL GASKET	-	SCHLEGEL
17	21B	AS REQD.	HOOK W'STRIPPING	BRONZE	ACCURATE
18	P880	AS REQD.	WEATHERSEAL GASKET	VINYL	GU
19	-	1	STRIKE PLATE	BRASS	-
20	-	-	-	-	-
21	-	AS REQD.	18 GA. X 1-1/2" BRAD NAILS	-	2" FROM ENDS & 12" O.C.
22	-	AS REQD.	18 GA. X 1-1/4" BRAD NAILS	-	3" FROM ENDS & 8" O.C.
23	#8 X 1"	-	FH WOOD SCREWS	-	3" FROM ENDS & 9" O.C.
24	#10 X 3"	-	FH WOOD SCREWS	-	3" FROM ENDS & 9" O.C.
25	-	AS REQD.	MID RAIL/STILE	WOOD	MAHOGANY

SEE SHEET 3 FOR LOCK AND FLUSH BOLT DESCRIPTION



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 Date OCT 23, 2008
 NOA# 08-0603-08
 Miami Dade Product Control
 Division
 By Ishag I. Choudhry

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 SEP 10 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\W08-28HWD

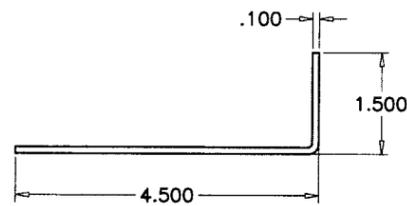
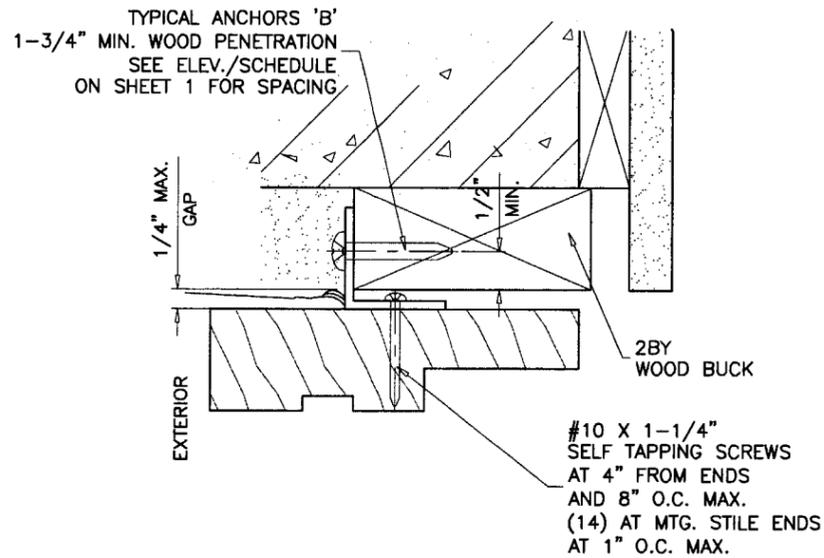
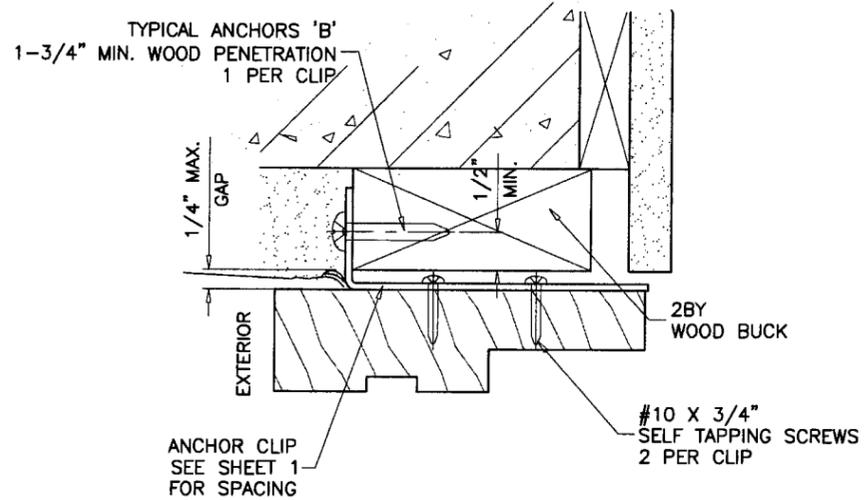
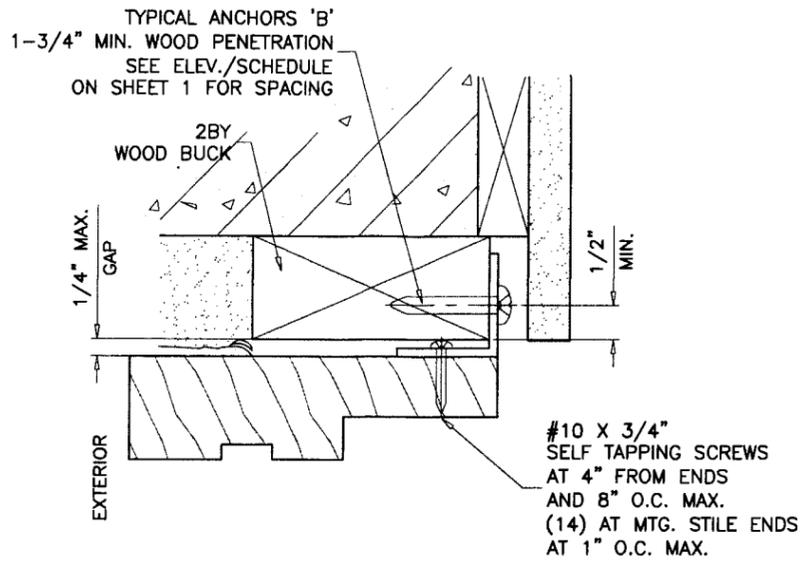
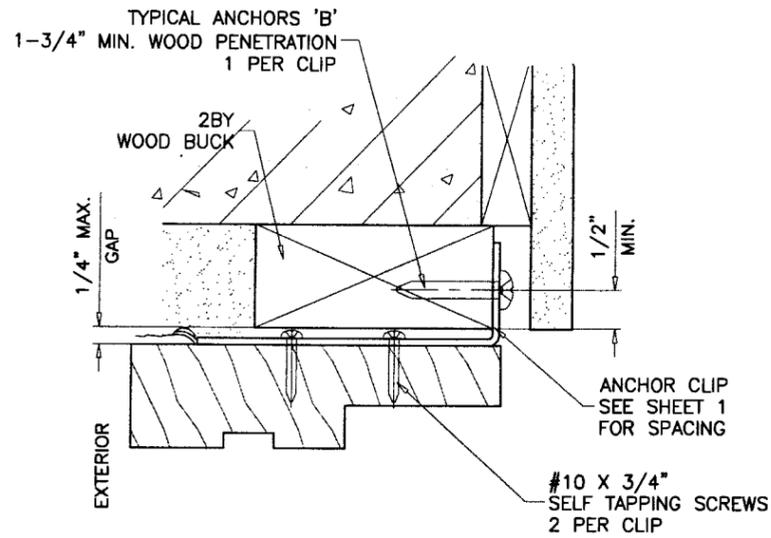
AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)
HARTMAN WINDOWS & DOORS, LLC
 531 SOUTHERN BLVD.
 WEST PALM BEACH, FL 33405
 TEL. (561) 296-9600 FAX. (561) 296-9601

no	date	description	REV. PER	COMMENTS
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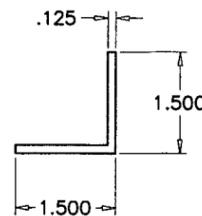
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 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W08-28

sheet 6 of 9



STRAP CLIP, 1-3/8" LONG
GALV. STEEL (Fy = 33000 PSI)



ALUMINUM ANGLE CONT.
(6063-T6)

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Division
By Ishag I. Churda

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SEP 10 2008

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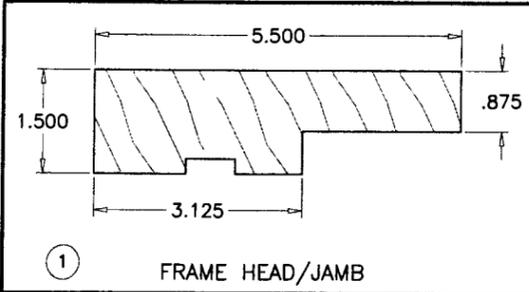
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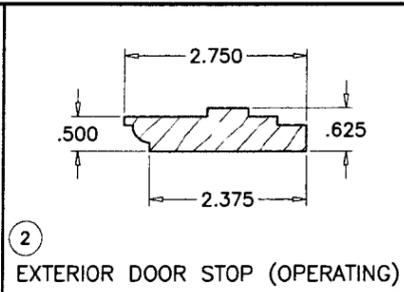
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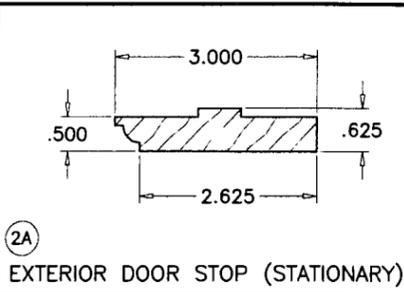
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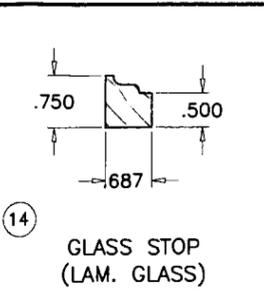
1 FRAME HEAD/JAMB



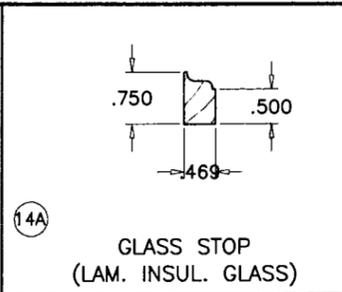
2 EXTERIOR DOOR STOP (OPERATING)



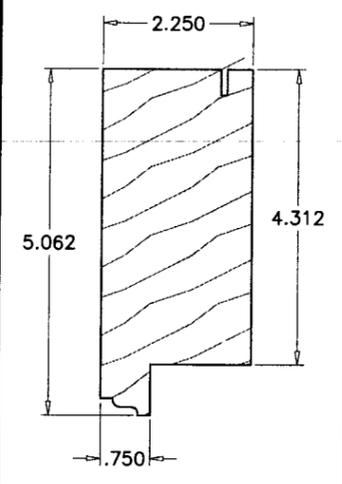
2A EXTERIOR DOOR STOP (STATIONARY)



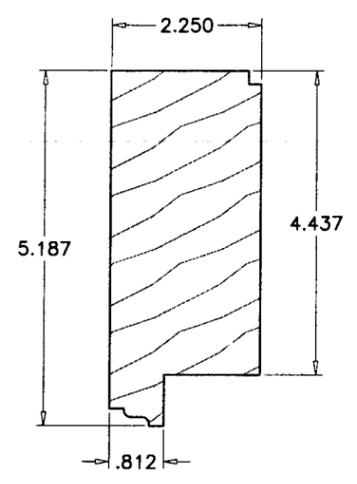
14 GLASS STOP (LAM. GLASS)



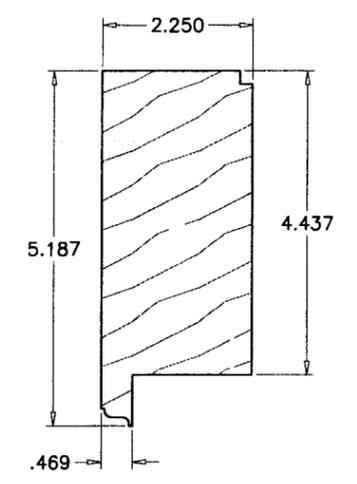
14A GLASS STOP (LAM. INSUL. GLASS)



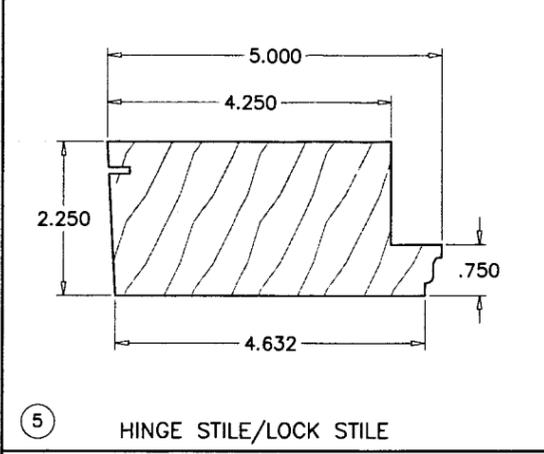
3 TOP RAIL (ACTIVE)



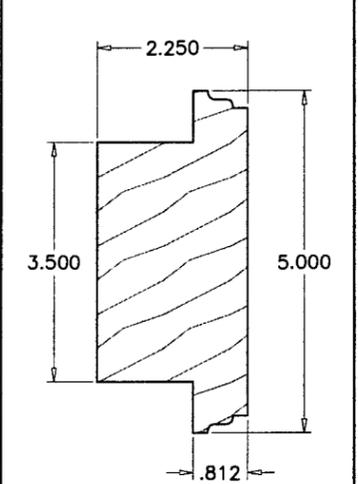
3A TOP RAIL (STATIONARY)



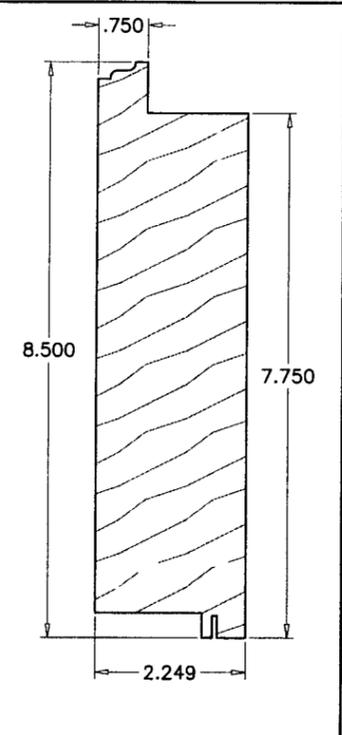
3B TOP RAIL (INSUL. GLASS)



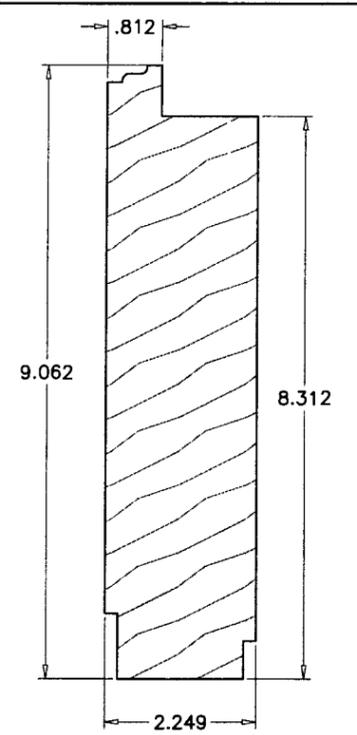
5 HINGE STILE/LOCK STILE



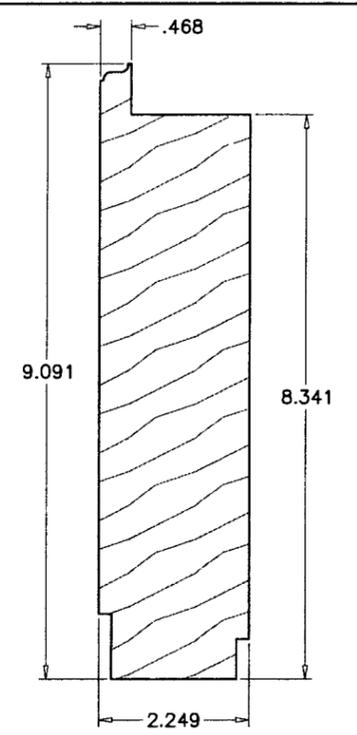
25 MID RAIL/STILE



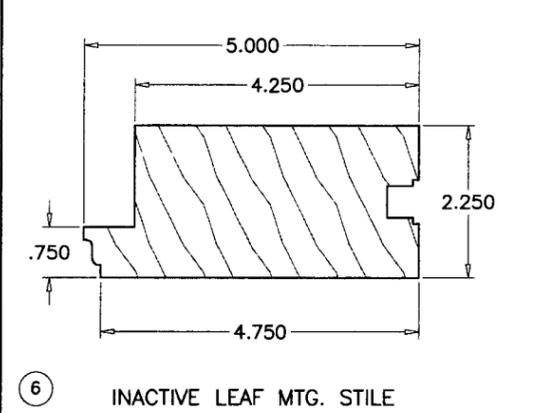
4 BOTTOM RAIL (ACTIVE)



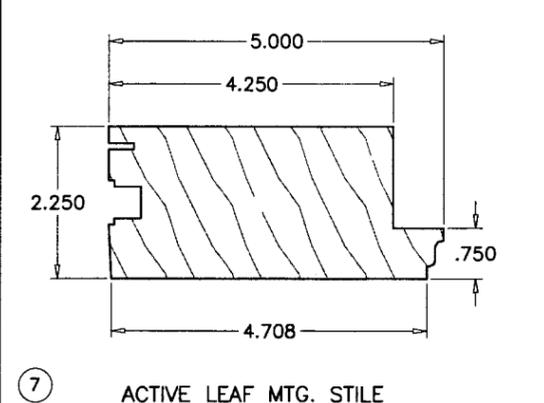
4A BOTTOM RAIL (STATIONARY)



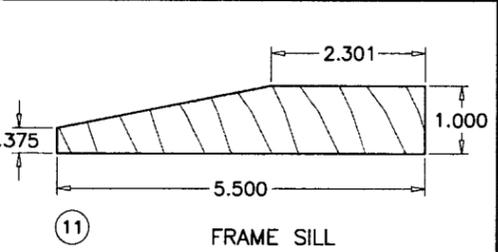
4B BOTTOM RAIL (INSUL. GLASS)



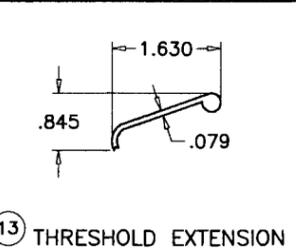
6 INACTIVE LEAF MTG. STILE



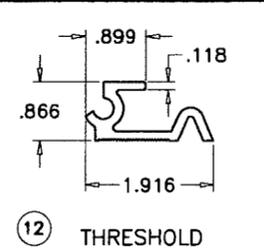
7 ACTIVE LEAF MTG. STILE



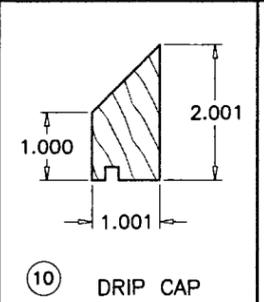
11 FRAME SILL



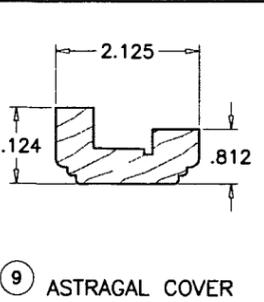
13 THRESHOLD EXTENSION



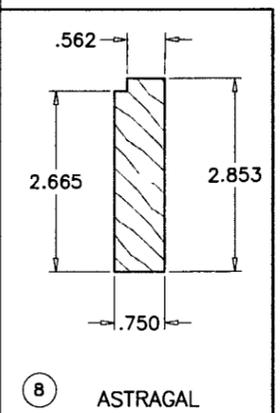
12 THRESHOLD



10 DRIP CAP



9 ASTRAGAL COVER



8 ASTRAGAL

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
SEP 10 2008

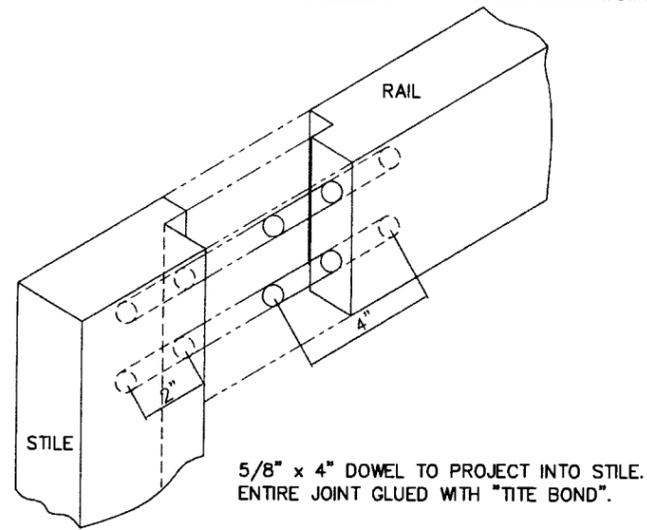
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Date OCT 23, 2008
NOA# 08-0603-07
Miami Dade Product Control
Division
By Ishag I. Chaudhry

afc
AL-FAROOQ CORPORATION
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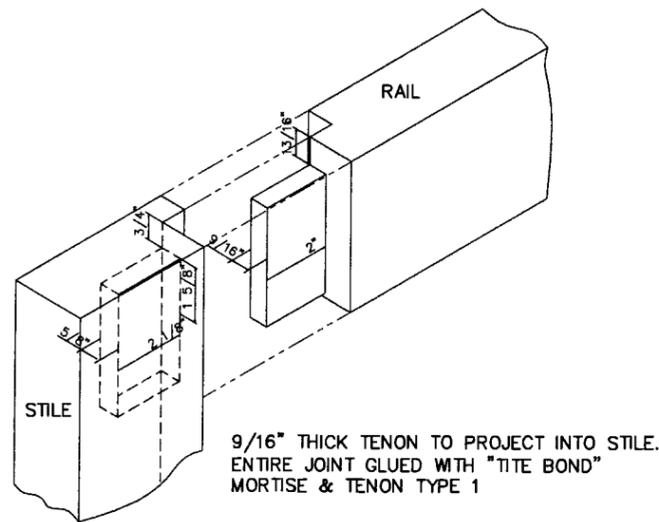
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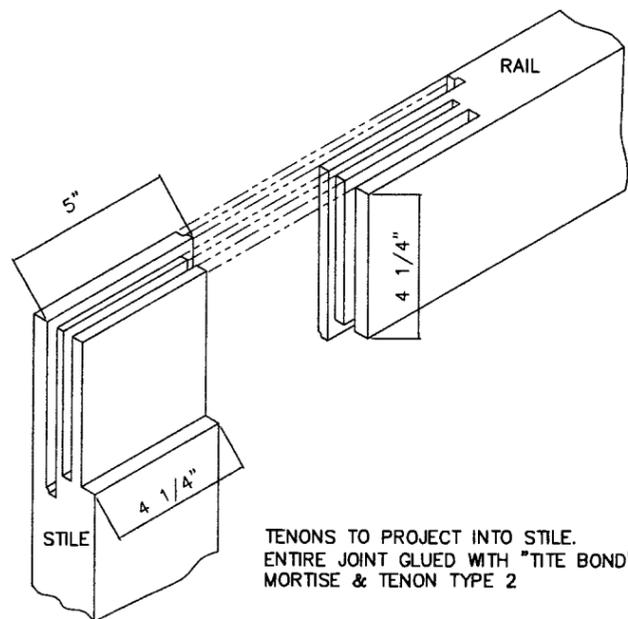
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scale: 3/8" = 1"
dr. by: HAMID
chk. by:
drawing no.
W08-28
sheet 8 of 9



5/8" x 4" DOWEL TO PROJECT INTO STILE.
ENTIRE JOINT GLUED WITH "TITE BOND".

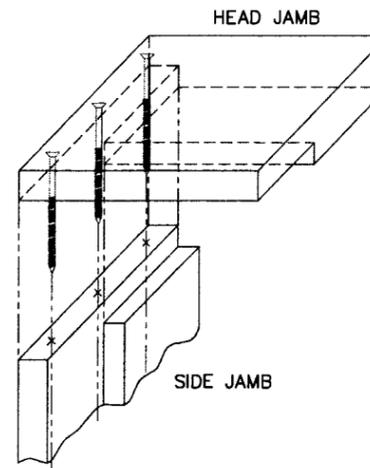


9/16" THICK TENON TO PROJECT INTO STILE.
ENTIRE JOINT GLUED WITH "TITE BOND"
MORTISE & TENON TYPE 1

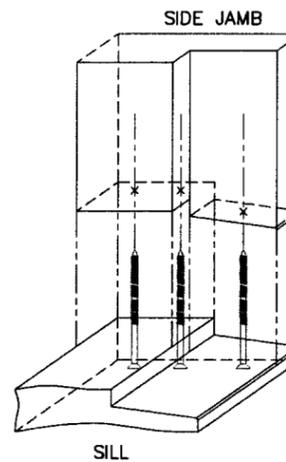


TENONS TO PROJECT INTO STILE.
ENTIRE JOINT GLUED WITH "TITE BOND"
MORTISE & TENON TYPE 2

PANEL CORNER DETAILS



FRAME CORNERS HAVE HALF LAP JOINT
TYPICAL AT HEAD AND SILL
WITH (3) #12 x 3 1/2" SS SCREWS AND
GLUED WITH NP1 POLYURETHANE SEALANT.



FRAME CORNER DETAILS

Engr. DR. HUMAYDUN FAROOQ
STRUCTURES
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no	date	by	description	REV. PER	COMMENTS
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revisions:

date: 03-18-08
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chk. by:

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sheet 9 of 9