



**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)

**Caradco Windows & Doors
201 Evans Road
Rantoul, IL 61866**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Clad French Manor" Aluminum Clad Outswing Wood Patio Doors-Impact

APPROVAL DOCUMENT: Drawing No. W98-39, titled "Manor Outswing Patio Door", sheets 1 through 5 of 5, prepared by Humayun Farooq, P.E., dated 6/29/02, bearing the Miami-Dade County Product Control Revise 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

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.

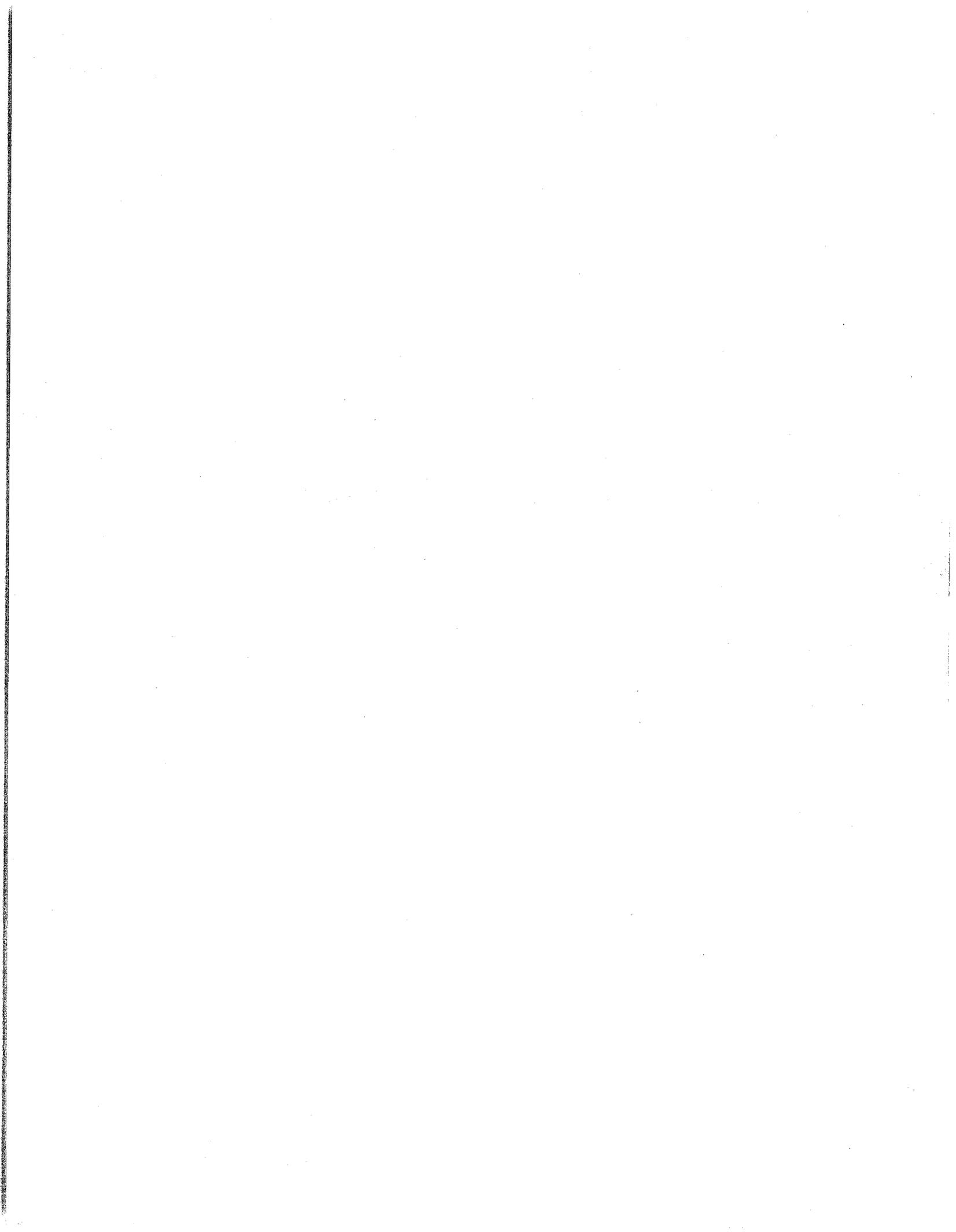
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 # 98-0730.01 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman**.



**NOA No 02-0620.01
Expiration Date: June 30, 2007
Approval Date: July 25, 2002
Page 1**



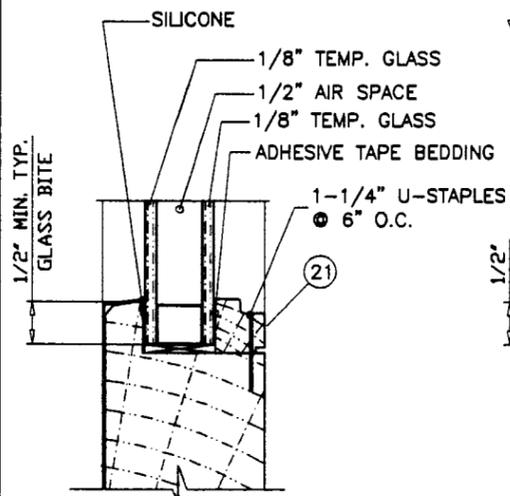
COMPARATIVE ANALYSIS CHART				
NON-IMPACT DOORS				
SHUTTERS REQUIRED (MIAMI-DADE COUNTY APPROVED)				
DESIGN LOAD CAPACITY - PSF				
NOMINAL DIMS.		DSB-INSULATED TEMP. GLASS		
DOOR HEIGHT	LEAF WIDTH	EXT. (+) W/D RISER	INT. (-) W/ RISER	
6/8	2/0	50.0	55.0	108.8
	2/6	50.0	55.0	86.9
	2/8	50.0	55.0	81.4
	3/0	50.0	55.0	72.3
	3/2	50.0	55.0	68.5
6/11	2/0	50.0	55.0	104.9
	2/6	50.0	55.0	83.7
	2/8	50.0	55.0	78.5
	3/0	50.0	55.0	69.7
	3/2	50.0	55.0	66.0
8/0	2/0	50.0	55.0	90.6
	2/6	50.0	55.0	72.3
	2/8	50.0	55.0	67.8
	3/0	50.0	55.0	60.2

IMPACT SUPPLEMENTAL CHART							
LARGE MISSILE IMPACT RESISTANT DOORS							
SHUTTERS NOT REQUIRED							
DESIGN LOAD CAPACITY - PSF							
NOMINAL DIMS.		3/8" OVERALL ANNEALED GLASS			3/8" OVERALL HEAT STR. GLASS		
DOOR HEIGHT	LEAF WIDTH	EXT. (+) W/D RISER	INT. (-) W/ RISER		EXT. (+) W/D RISER	INT. (-) W/ RISER	
6/8	2/0	50.0	55.0	72.3	50.0	55.0	72.3
	2/6	50.0	55.0	61.1	50.0	55.0	72.3
	2/8	50.0	50.8	50.8	50.0	55.0	72.3
	3/0	40.0	40.0	40.0	50.0	55.0	72.3
	3/2	36.9	36.9	36.9	50.0	55.0	68.5
6/11	2/0	50.0	55.0	72.3	50.0	55.0	72.3
	2/6	50.0	55.0	58.6	50.0	55.0	72.3
	2/8	49.0	49.0	49.0	50.0	55.0	72.3
	3/0	38.5	38.5	38.5	50.0	55.0	60.2
	3/2	35.5	35.5	35.5	50.0	55.0	60.2
8/0	2/0	50.0	55.0	72.3	50.0	55.0	72.3
	2/6	50.0	54.9	54.9	50.0	55.0	72.3
	2/8	45.6	45.6	45.6	50.0	55.0	60.2
	3/0	34.1	34.1	34.1	50.0	55.0	60.2

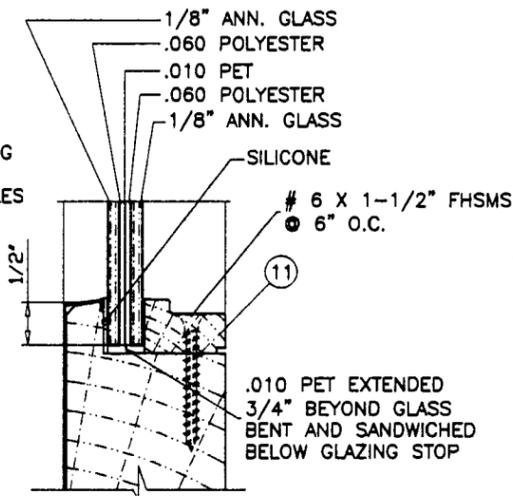
**MANOR OUTSWING PATIO DOOR
COMPARATIVE ANALYSIS CHART**

BASED ON NCTL-210-1754 OF 09-12-95
TEST SIZE = 71-1/2" X 95-1/2" (XX)
DESIGN LOADS = +55.0, -60.2 PSF
WATER INFILTRATION TEST = 8.25 PSF WITH SILL RISER
7.50 PSF WITHOUT SILL RISER
TESTED GLASS = 3/4" INSULATED NON-IMPACT GLASS

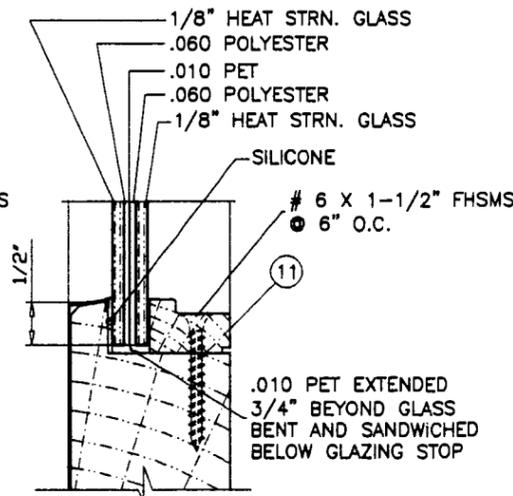
BASED ON NCTL-210-2023-5
TEST SIZE = 59-1/2" X 95-1/2" (XX)
DESIGN LOADS = +55.0, -72.3 PSF
WATER INFILTRATION TEST = 8.25 PSF WITH SILL RISER
AND ON NCTL-210-2023-1,2,3,4 5C
TEST SIZE = 71-1/2" X 95-1/2" (XX)
DESIGN LOADS = +55.0, -60.2 PSF
TESTED GLASS = 3/8" OVERALL IMPACT GLASS



3/4" INSULATED
NON-IMPACT GLASS



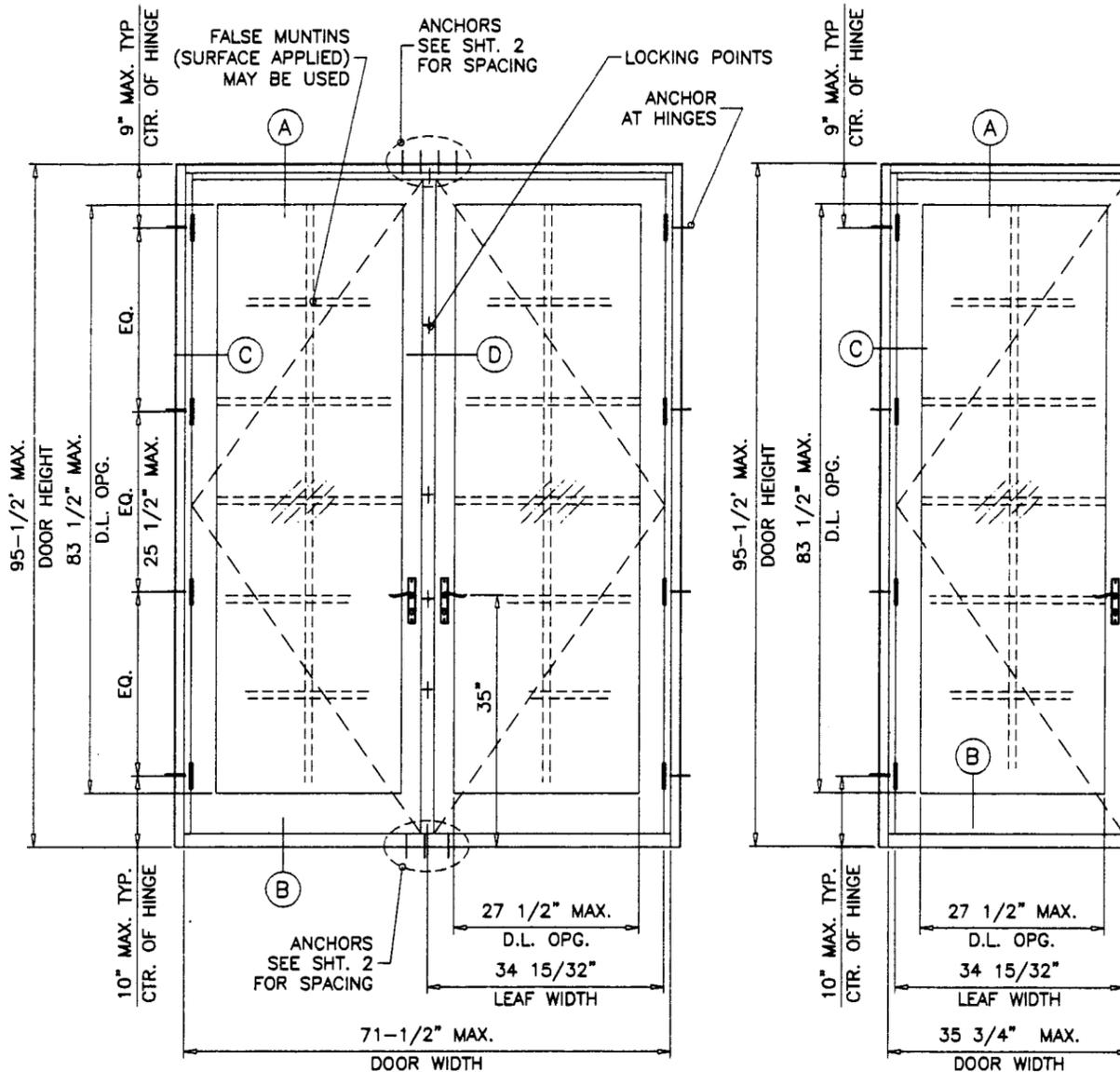
GLASSLAM SAFETY PLUS
IMPACT GLASS



GLASSLAM SAFETY PLUS
IMPACT GLASS

GLASS OPTIONS

TYPICAL GLASS BITE = 1/2" MIN.



TYPICAL ELEVATIONS

NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS TO BE ENGINEERED SEPARATELY.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0620.01
Expiration Date 06/30/03
By *Glenn Berman*
Miami Dade Product Control
Division

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 15557

JUN 29 2002

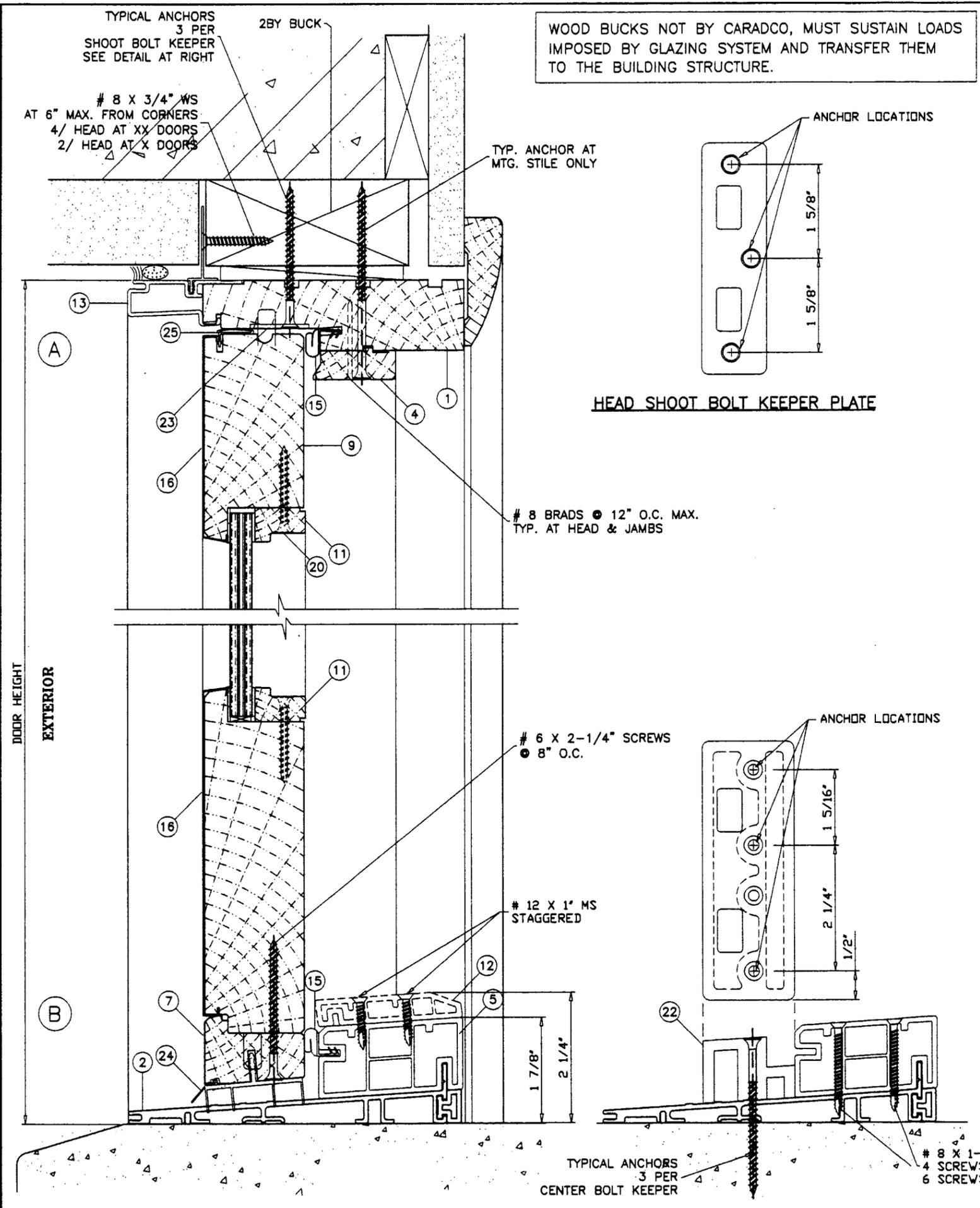
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W98-39CAR

MANOR OUTSWING PATIO DOOR
CARADCO WOOD WINDOWS & PATIO DOORS
201 EVANS ROAD
RANTOUL, ILLINOIS 61866
TEL. (217) 893-4444 FAX (217) 893-0921

no	date	description
A	11.03.98	GENERAL REVISION
B	06.17.02	CHARTS REV. PER ASTM E-1300 3/8" LAM. H.S. GLASS ADD.

date: 05-28-98
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W98-39
sheet 1 of 5



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

MATERIALS LIST			
ITEM NO.	QTY.	DESCRIPTION	REMARKS
1	1	HEAD	WOOD
2	1	SILL	ALUMINUM 6063-T5
3	2	JAMB	WOOD
4	AS REQD.	INTERIOR STOP	WOOD
5	1	SILL THRESHOLD	RIGID PVC
6	AS REQD.	ASTRAGAL	WOOD
7	1/ LEAF	PANEL EXTENDER	WOOD
8	1/ LEAF	HINGE STILE	WOOD
9	1/ LEAF	TOP RAIL	WOOD
10	1/ LEAF	LOCK STILE	WOOD
11	AS REQD.	GLASS STOP (IMPACT)	WOOD
12	1	ADA. THRESHOLD	RIGID PVC
13	1	HEAD EXTRUSION	ALUM 6063-T5
14	2	JAMB EXTRUSION	ALUM 6063-T5
15	AS REQD.	FRAME WEATHERSTRIP	RIGID PVC BASE, FOAM TIP
16	AS REQD.	ROLL FORMED CLADDING	ALUMINUM
17	*	ALUMINUM ASTRAGAL	ALUM 6063-T6
18	AS REQD.	ASTRAGAL WEATHERSTRIP	DUAL DUROMETER PVC
19	AS REQD.	HINGE	SEE SCHEDULE
20	AS REQD.	# 6 X 1-1/2" FHMS	AT 6" O.C.
21	AS REQD.	GLASS STOP (NON-IMPACT)	WOOD
22	*	SHOOT BOLT KEEPER	NYLON (AT SILL)
23	*	SHOOT BOLT STRIKE	BRASS (AT HEAD)
24	AS REQD.	SILL SWEEP	DUAL DUROMETER PVC
25	AS REQD.	TOP RAIL SWEEP	DUAL DUROMETER PVC

* 1 REQD. PER DOOR (XX DOORS ONLY)

TYPICAL ANCHORS: SEE ELEVS. FOR SPACING
 3/16" DIA. TAPCONS BY ELCO. (1/4" MAX. SHIMS)
 OR EQUIV. SELF TAPPING CONC. ANCHOR HOLDING CURRENT N.O.A.

MIN. EMBEDMENT:
 1-3/8" INTO 2 BY WOOD BUCKS OR WOOD STRUCTURE
 1-1/4" THRU 1 BY WOOD BUCKS INTO MASONRY
 1-1/2" DIRECTLY INTO MASONRY

HINGES: 4" X 4" HINGE
 3 PER LEAF UPTO 6/11 HIGH DOORS, EQUALLY SPACED
 4 PER LEAF OVER 6/11 HIGH DOORS, EQUALLY SPACED

LOCKS:
ACTIVE LEAF
 'CARL FUHR GMBH & CO.' SEVEN-POINT LOCK SYSTEM WITH SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL, 3 ROLLERS AT ASTRAGAL, PLUS LATCH & DEADBOLT. **LOCATION:** ONE LEVER HANDLE AT ACTIVE LOCK STILE 35" FROM BOTTOM ON EXTERIOR.
IN-ACTIVE LEAF
 'FUHR HARDWARE' TWO-POINT LOCK SYSTEM ENGAGING SHOOT BOLTS AT HEAD AND SILL. ONE LEVER HANDLE AT INACTIVE LOCK STILE 35" FROM BOTTOM ON EXTERIOR.

SEALANT:
 FRAME CORNERS SEALED WITH BUTYL TAPE SEALANT.
 BUTYL CAULK USED BETWEEN WOOD/ALUMINUM JOINTS

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 02-0620.01
 Expiration Date 04/30/02
 By: *Glenn K...*
 Miami Dade Product Control Division

Eng: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. P.E. # 16557
 JUN 29 2002

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W98-39CAR

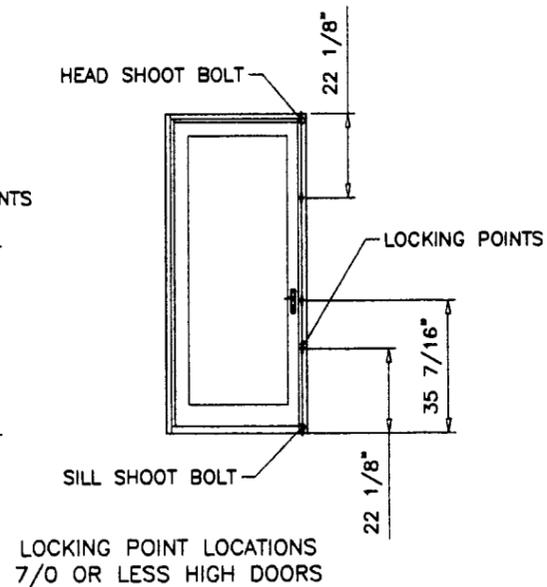
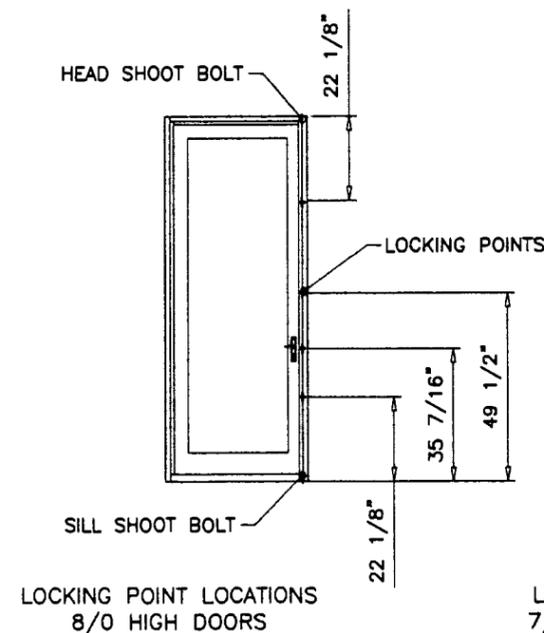
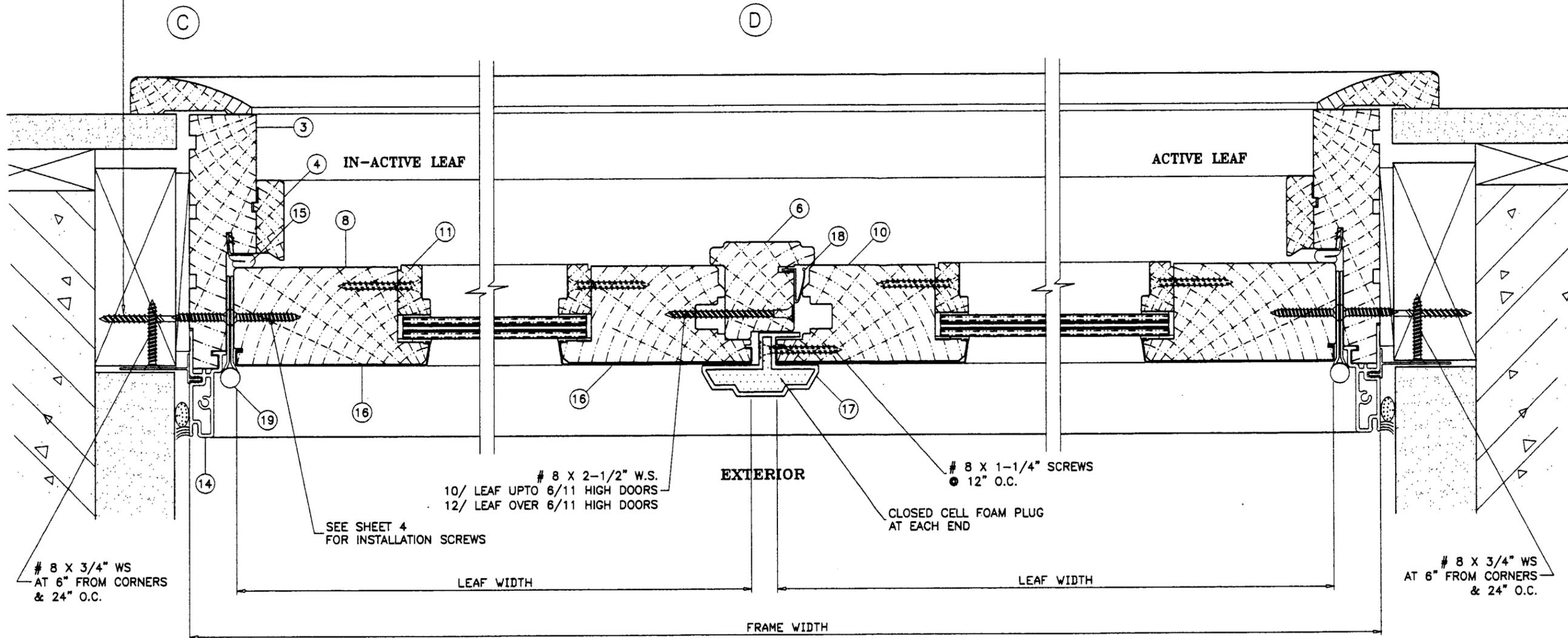
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CARADCO WOOD WINDOWS & PATIO DOORS
 201 EVANS ROAD
 RANTOUL, ILLINOIS 61866
 TEL. (217) 893-4444 FAX (217) 893-0921

Revisions:
 no. date by description

date: 05-28-08
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no. **W98-39**
 sheet 2 of 5

(1) TAPCON PER HINGE ENGAGING BLDG. STRUCTURE
 SEE NOTE @ HINGE DETAIL, SHEET 4
 3/ JAMB UPTO 6/11 HIGH DOORS
 4/ JAMB OVER 6/11 HIGH DOORS
 (USE EQUAL NO. OF ANCHORS ON LOCK SIDE JAMB)



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 02-0620.01
 Expiration Date 06/30/07
 By *Abdullah Berman*
 Miami Dade Product Control
 Division

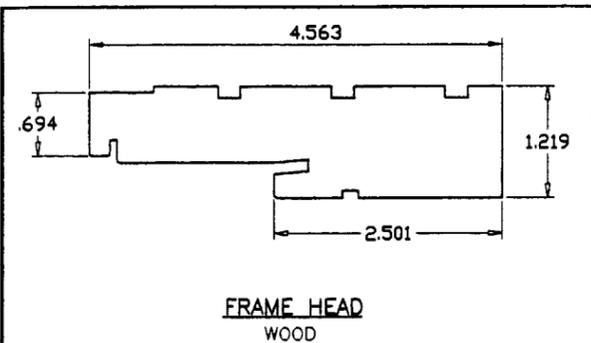
Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557

JUN 29 2002

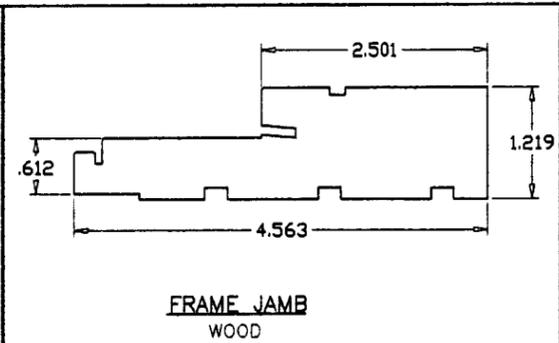
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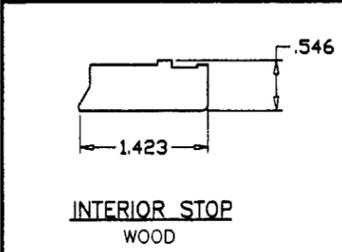
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dr. by:	HAMID	chk. by:		
drawing no.	W98-39			
sheet	3 of 5			



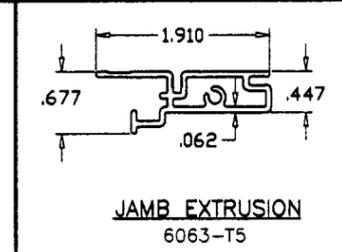
FRAME HEAD
WOOD



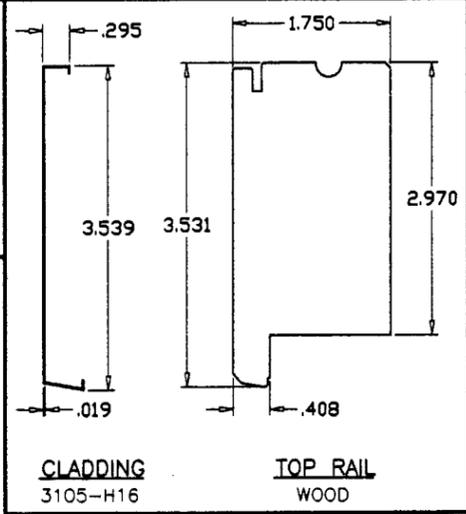
FRAME JAMB
WOOD



INTERIOR STOP
WOOD

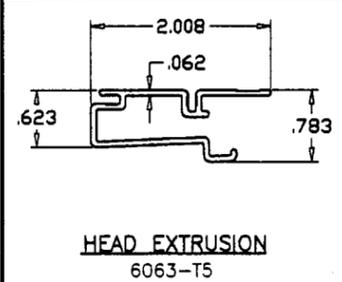


JAMB EXTRUSION
6063-T5

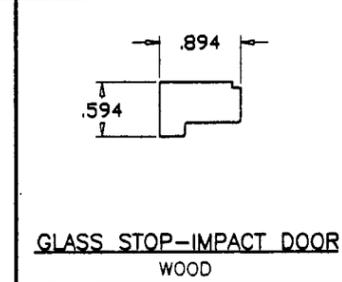


CLADDING
3105-H16

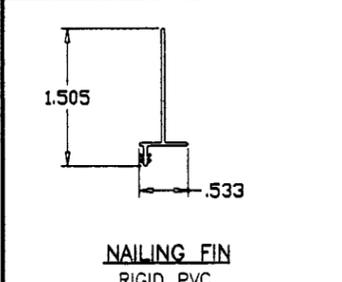
TOP RAIL
WOOD



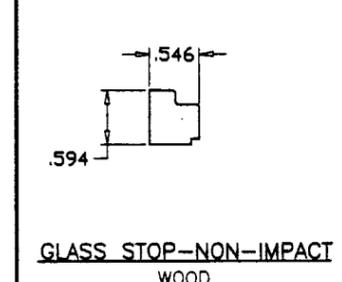
HEAD EXTRUSION
6063-T5



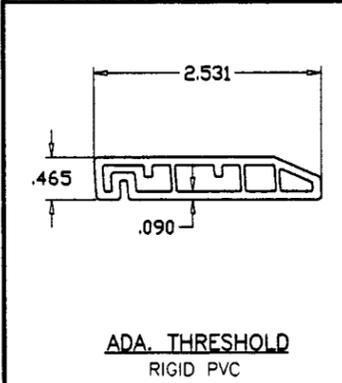
GLASS STOP-IMPACT DOOR
WOOD



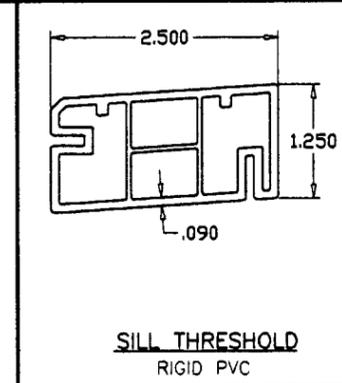
NAILING FIN
RIGID PVC



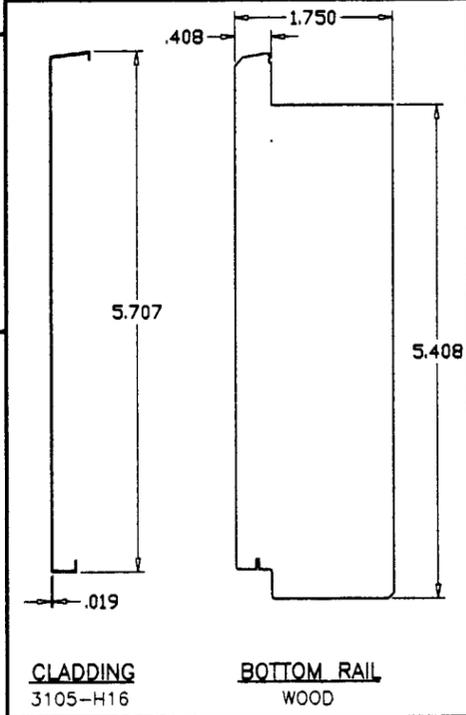
GLASS STOP-NON-IMPACT
WOOD



ADA THRESHOLD
RIGID PVC

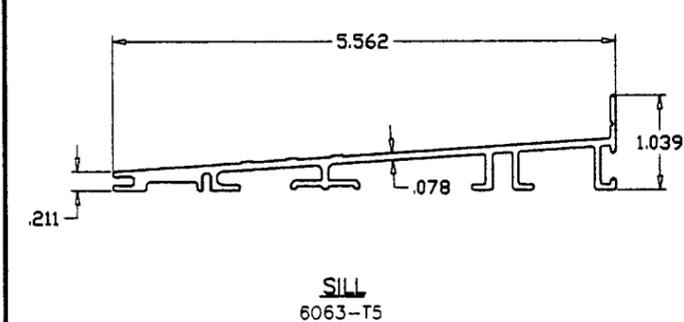


SILL THRESHOLD
RIGID PVC

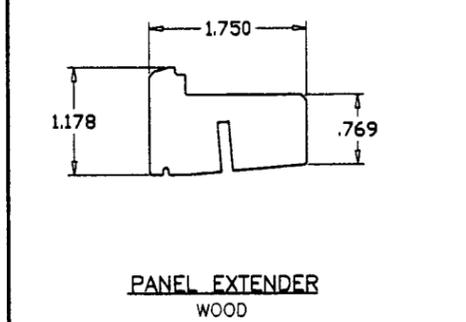


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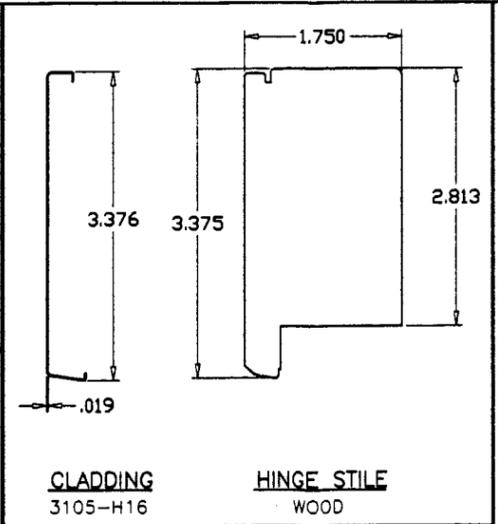
BOTTOM RAIL
WOOD



SILL
6063-T5

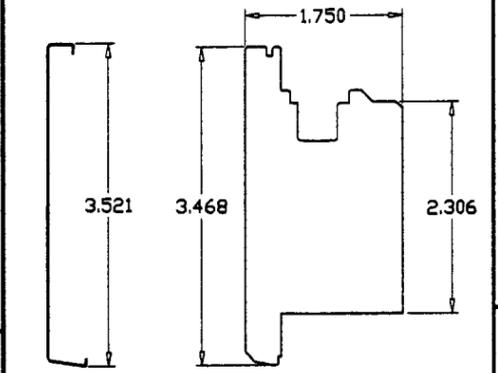


PANEL EXTENDER
WOOD



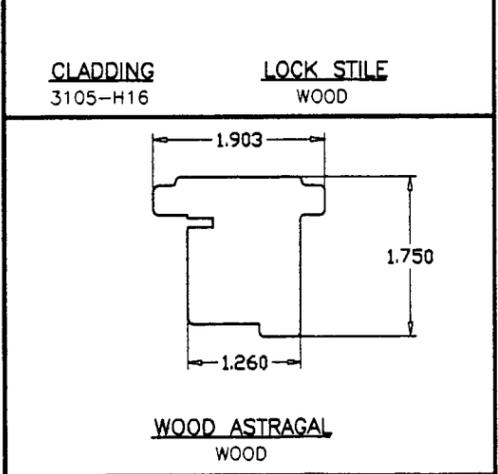
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HINGE STILE
WOOD

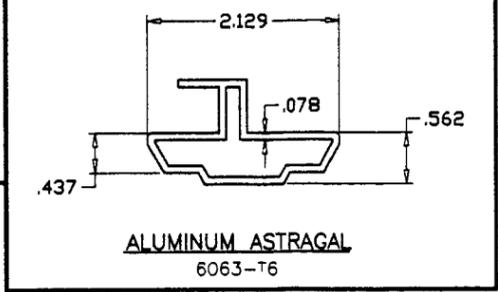


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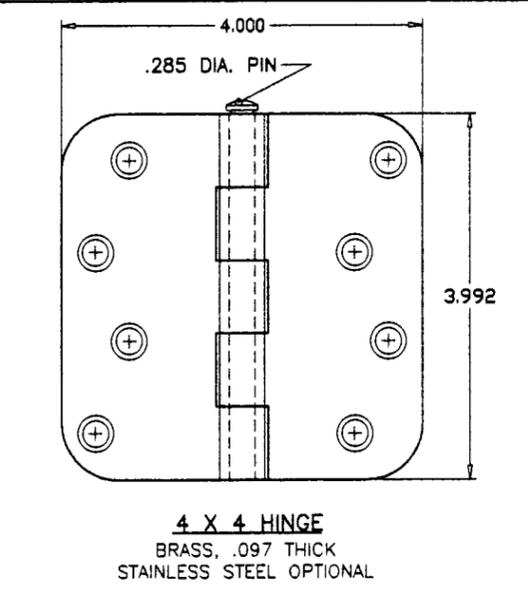
LOCK STILE
WOOD



WOOD ASTRAGAL
WOOD



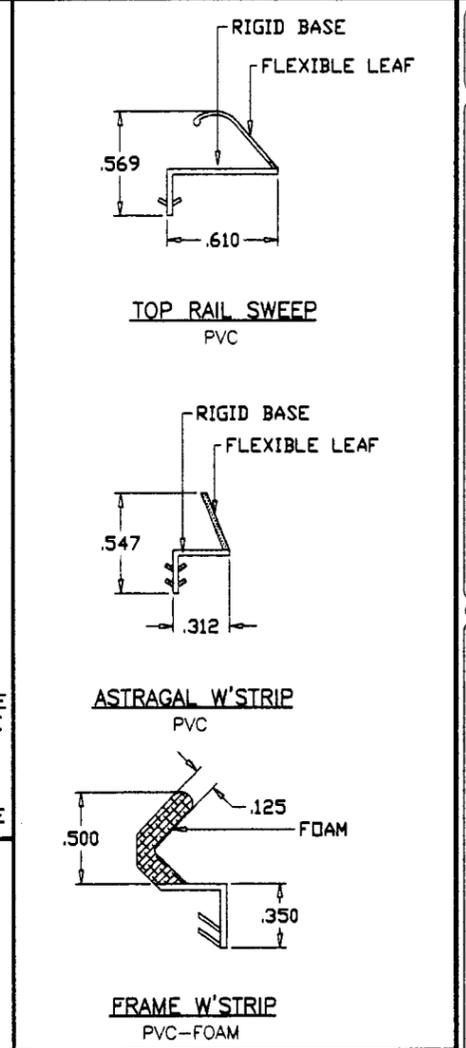
ALUMINUM ASTRAGAL
6063-T6



4 X 4 HINGE
BRASS, .097 THICK
STAINLESS STEEL OPTIONAL

HINGE INSTALLATION SCREWS
TO PANEL: (4) # 8 X 1-5/8" W.S.
TO FRAME: (3) # 10 X 1" W.S.
(1) 3/16" TAPCON ENGAGING STRUCTURE
USE LOWEST HOLE ● BOTTOM HINGE
& TOPMOST HOLE ● TOP HINGE
FOR DOORS UP TO 6/11 HIGH
USING 3 HINGES PER LEAF
USE (2) TAPCONS ON CENTER HINGE

TYPICAL WOOD-PONDEROSA PINE



TOP RAIL SWEEP
PVC

ASTRAGAL W'STRIP
PVC

FRAME W'STRIP
PVC-FOAM

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0620.01
Expiration Date 06/30/07
By *Alfredo Berman*
Miami Dade Product Control
Division

Engr: DR. HJUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
[Signature]
JUN 29 2002

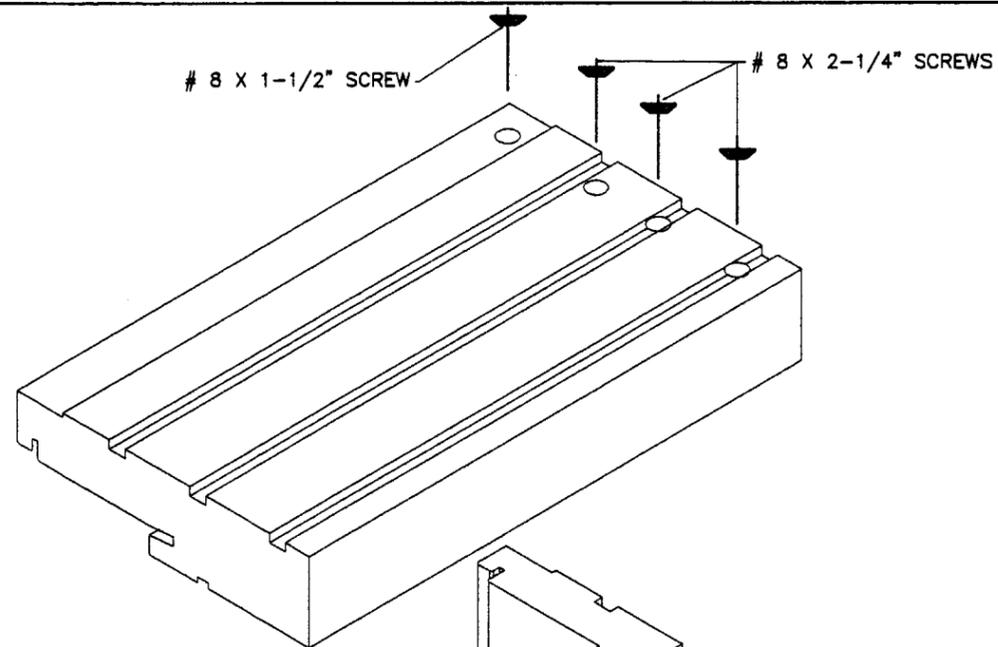
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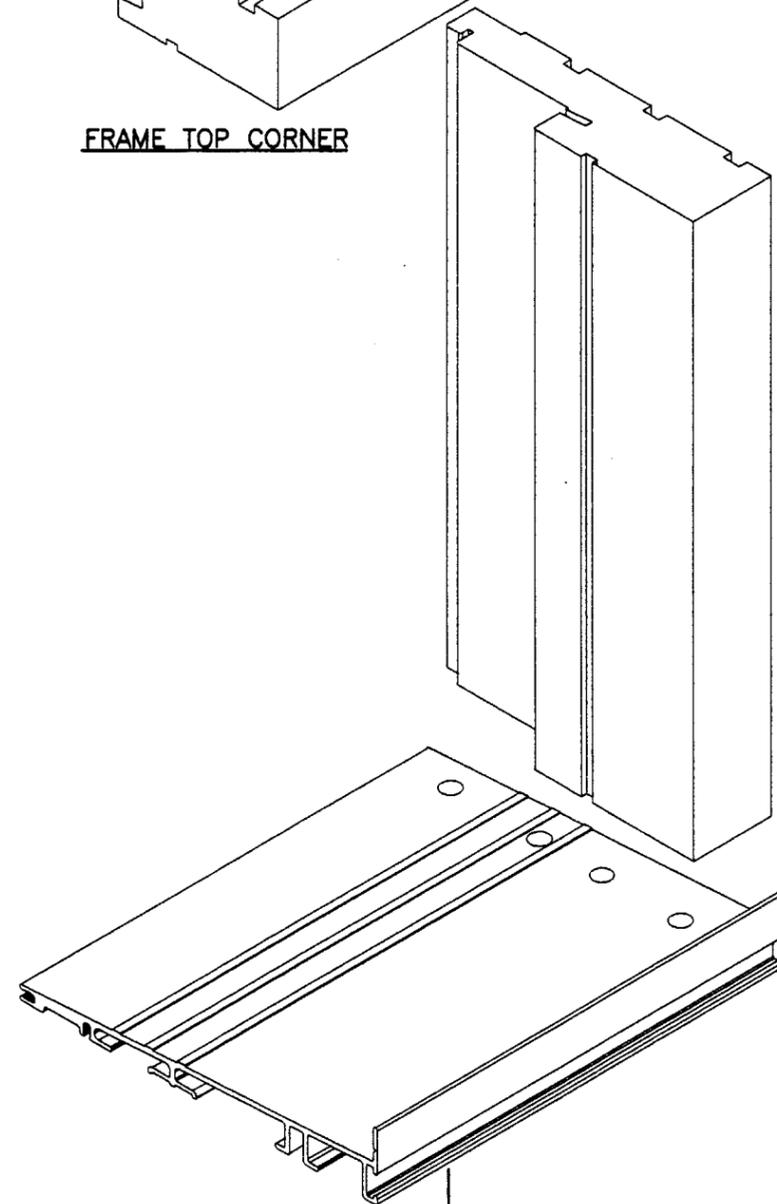
revisions:	no	date	by	description

date: 05-28-08
scale: 1/2" = 1"
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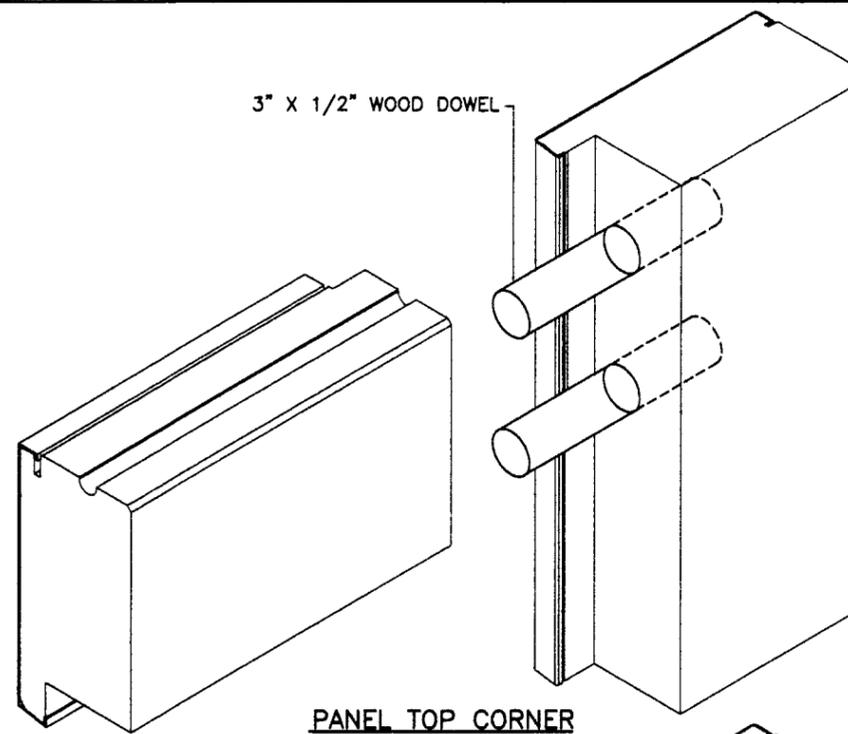
drawing no.
W98-39
sheet 4 of 5



FRAME TOP CORNER

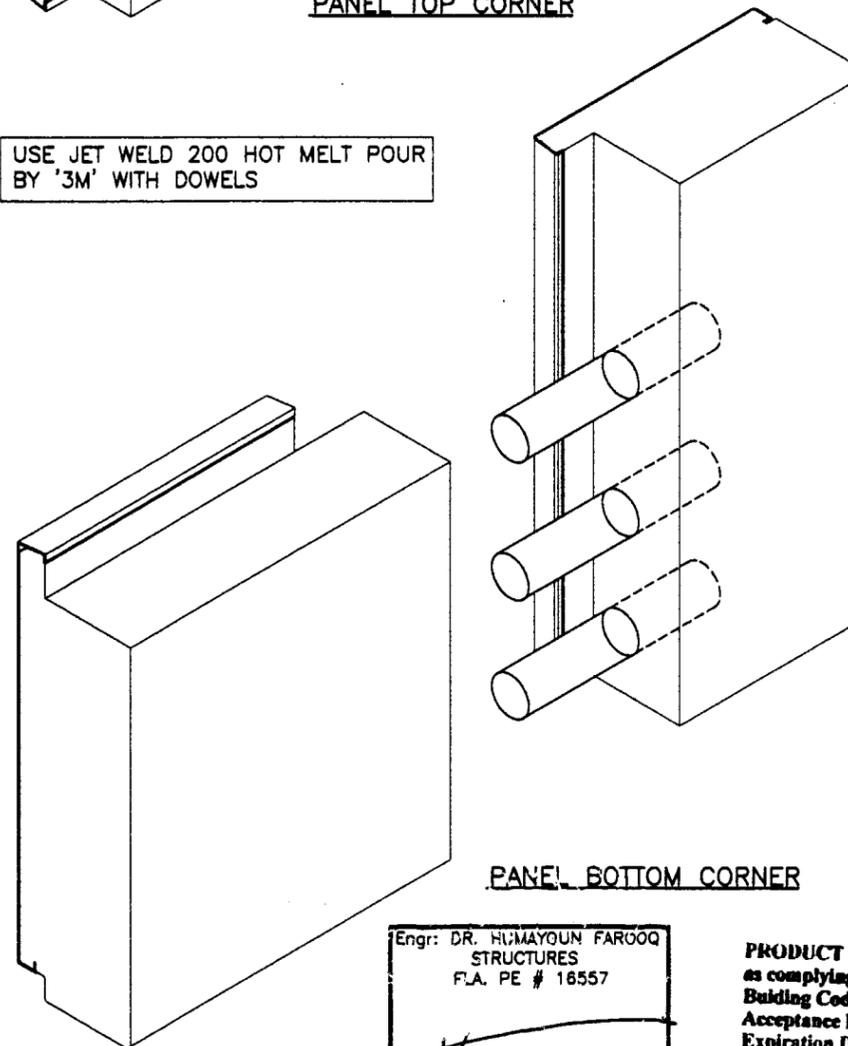


FRAME BOTTOM CORNER



PANEL TOP CORNER

USE JET WELD 200 HOT MELT POUR BY '3M' WITH DOWELS



PANEL BOTTOM CORNER

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
F.A. PE # 18557

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as complying with the Florida
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Acceptance No 02-0620.01
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By *Hamid*
Miami Dade Product Control
Division

afc
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sheet 5 of 5