



**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)

**HARTMAN WINDOWS AND DOORS, LLC
917 North Railroad Avenue
West Palm Beach, FL 33401**

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: Outswing Wood French Door

APPROVAL DOCUMENT: Drawing No. D1.0, titled "Outswing French Doors", sheets 1 through 7 of 7, prepared, signed and sealed by Stephen M. Sinclair, P.E., dated 7/18/02 bearing the Miami-Dade County Product Control Revision Renewal 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.

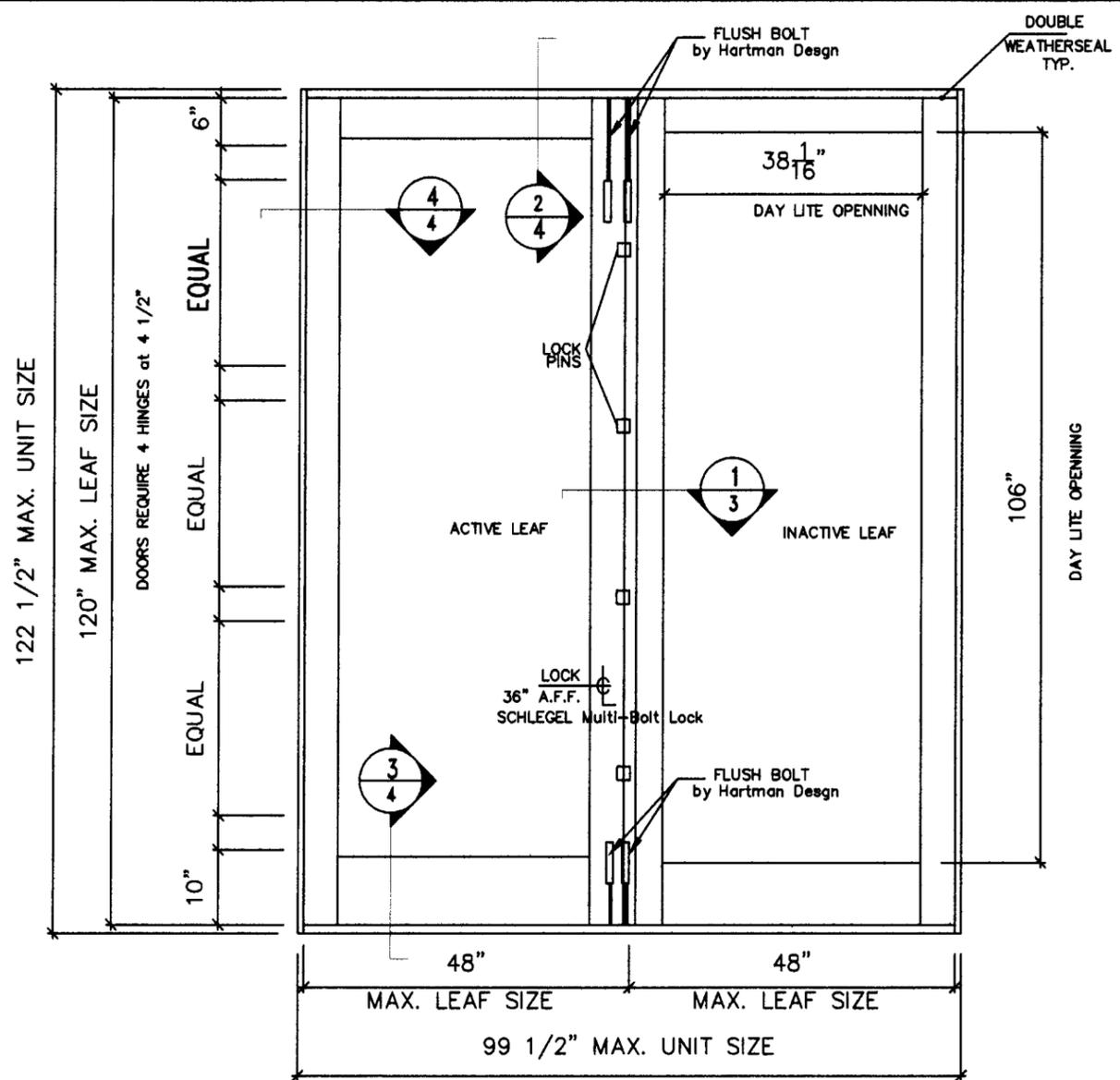
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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.

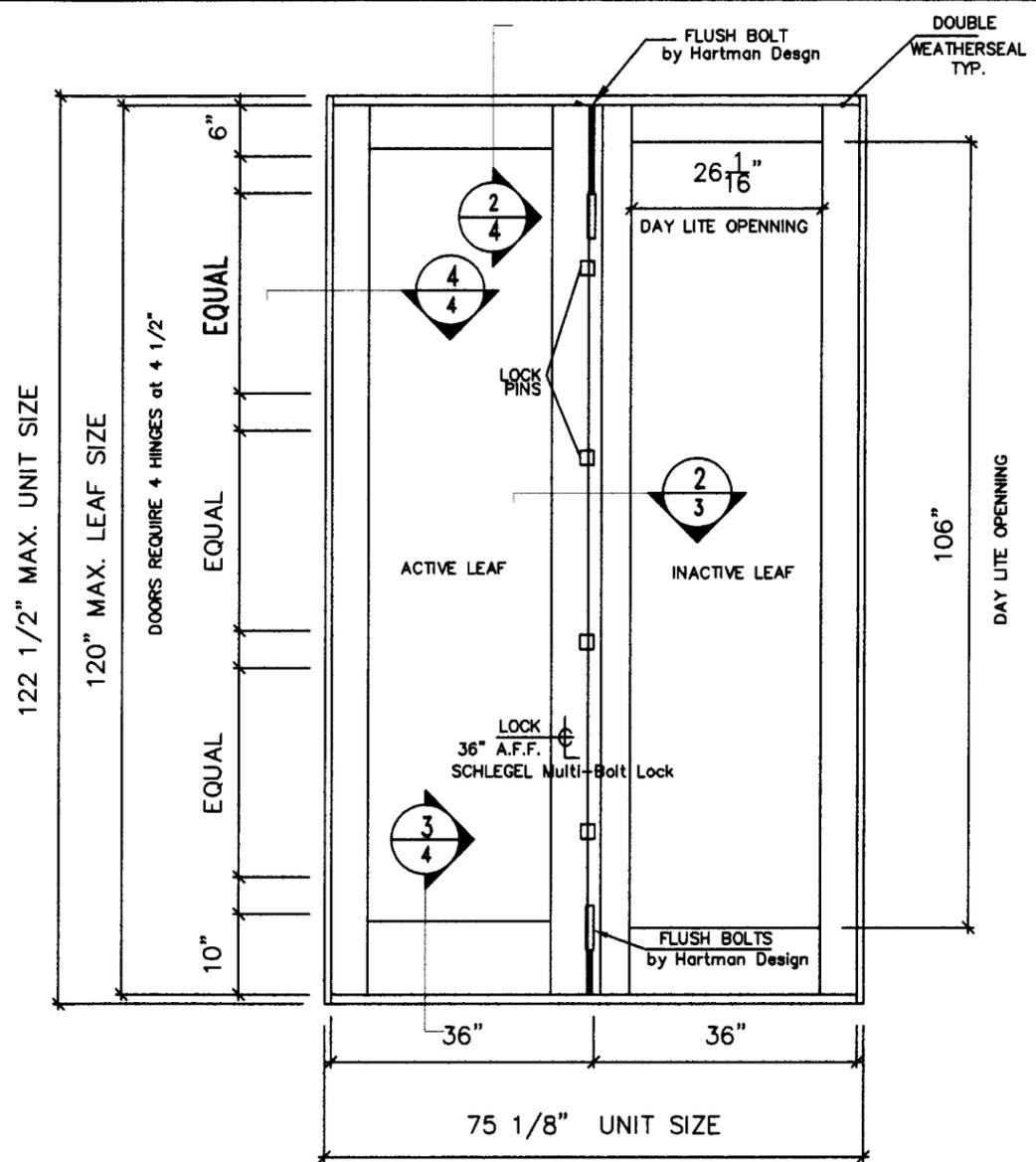
This NOA **renews and revises** NOA # 99-0309.02 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime M. Eisen, P.E.**



**NOA No 02-0618.01
Expiration Date: June 17, 2007
Approval Date: September 05, 2002**



A 10 FT. DOUBLE DOOR UNIT ABOVE 30 Square Feet Per Leaf
 4 HINGES REQUIRED Maximum leaf size 4' x 10' not to exceed 40 sq. feet
 4 FLUSH BOLTS REQUIRED



B 10 FT. DOUBLE DOOR UNIT BELOW 30 Square Feet Per Leaf
 4 HINGES REQUIRED Maximum leaf size X' x Y' not to exceed 30 sq. feet
 2 FLUSH BOLTS REQUIRED

FOR OFFICIAL USE ONLY

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 02-0618.01
 Expiration Date 02/13/03
 By *[Signature]*
 Miami Dade Product Control
 Division

DRAWN VSO
CHECKED
DATE 06-11-2002
SCALE 1/2"=1'
JOB NO.
DWG.# D1.0
1 OF 7 SHEETS

SINCLAIR ENGINEERING CO. 02-05014
 8259 N Military Trail, Suite 6
 Palm Beach Gardens, FL 33418
 (561) 630-5488
 FL. Reg. #35631 C.O.A.# 5426
HARTMAN WINDOWS & DOORS, LLC.
 917 NORTH RAILROAD AVENUE WEST PALM BEACH, FLORIDA
 PHONE 561-880-1377 FAX 561-655-4418
 JUL 18 2002

ELEV. (A)
0 ≤ 40 SQ. FT.

DESIGN PRESSURE: +80/-80 PSF
HARDWARE AND WEATHERSTRIPPING PER UNIT:

Quantity	Location	Description
1	Center of Active Rail Leaf	Schlegel Mutli-Point Lock
4	Door Jamb	4 1/2" x 4 1/2" Butt Hinges
2	Inactive Door Rail	Custom Flush Bolts from Hartman Windows & Doors, LLC.
2	Active Doors	Custom Flush Bolts from Hartman Windows & Doors, LLC.
1	Located on sill rail	Pemka model 159B threshold modified by Hartman Windows & Doors, LLC
38lf.±	Used on all four sides of frame for a positive seal between frame and sash	Schlegel Q-Lon QDS-650 cellular modified foam core clad in an embossed, non-vinyl paint resistant liner which is U.V. stabilized
4lf.±	Bottom edge of Door	Schlegel # 1556-8601-D Kerf Pile Brush
24lf.±	Top Rail & Stiles of sash	Schlegel O-Lon QEZ-320 seal

ELEV. (B)
0 ≤ 30 SQ. FT.

DESIGN PRESSURE: +80/-60 PSF
HARDWARE AND WEATHERSTRIPPING PER UNIT:

Quantity	Location	Description
1	Center of Active Rail Leaf	Schlegel Mutli-Point Lock
4	Door Jamb	4 1/2" x 4 1/2" Butt Hinges
2	Inactive Door Rail	Custom Flush Bolts from Hartman
1	Located on sill rail	Pemka model 159B threshold modified by Hartman Windows & Doors, LLC
38lf.±	Used on all four sides of frame for a positive seal between frame and sash	Schlegel Q-Lon QDS-650 cellular modified foam core clad in an embossed, non-vinyl paint resistant liner which is U.V. stabilized
4lf.±	Bottom edge of Door	Schlegel # 1556-8601-D Kerf Pile Brush
24lf.±	Top Rail & Stiles of sash	Schlegel O-Lon QEZ-320 seal



QEZ-320 SEAL
KERFED APPLICATIONS
USED AT HEAD AND JAMB LEGS



QDS-650 SEAL
KERFED APPLICATIONS
CELLULAR MODIFIED FOAM CORE
CLAD IN AN EMBOSSED, NON-VINYL,
PAINT RESISTANT LINER WHICH IS
U.V. STABILIZED.

FOR OFFICIAL USE ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0618-01
Expiration Date 06/17/07
By: *[Signature]*
Miami Dept. Product Control
Division

DRAWN DWS CHECKED
DATE 06-11-2002
SCALE 1/2" = 1'
JOB NO.
DWG. # D1.0
2 OF 7 SHEETS

SINCLAIR ENGINEERING CO. CO.# 5426
 8259 N. Military Trail, Suite 6
 PALM BEACH GARDENS, FLORIDA 33418
 (561) 630-5488
 FL. Reg. # 35631
HARTMAN WINDOWS & DOORS, LLC.
 917 NORTH RAILROAD AVENUE WEST PALM BEACH, FLORIDA
 PHONE 561-820-1377 FAX 561-655-4418
OUTSWING FRENCH DOORS
H'WARE & GASKET SCHEDULE
 JUN 14 2002

GENERAL NOTES

- DOOR UNIT HAS BEEN DESIGNED IN ACCORDANCE WITH 2001 FLORIDA BUILDING CODE
- POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED IN ACCORDANCE WITH ACSE 7-98 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
- THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS PROPOSED FOR IMPACT, CYCLIC AND UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201, 202, 203 WITH DESIGN LOADS AS FOLLOWS:
- SEE SHEET 2 of 7 -

THE DADE COUNTY CERTIFIED TESTING LABORATORY PERFORMING THE TESTS ACKNOWLEDGED THE SATISFACTORY COMPLETION OF SUCH TESTS AND VERIFIED THE PRODUCTS TESTED ARE AS NOTED HEREIN.

- ANCHORS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS OR EQUIVALENT DESIGN DATA.

WOOD STRUCTURE -

#12 X 4" LG. STAINLESS STEEL SCREW
 @ 8" O.C. BEGIN 1ST SCREW WITHIN 3" OF TOP AND BOTTOM (MIN. PENETRATION 1 1/4")

SYP WOOD - 176 LB Shear

CONCRETE OR BLOCK STRUCTURE -

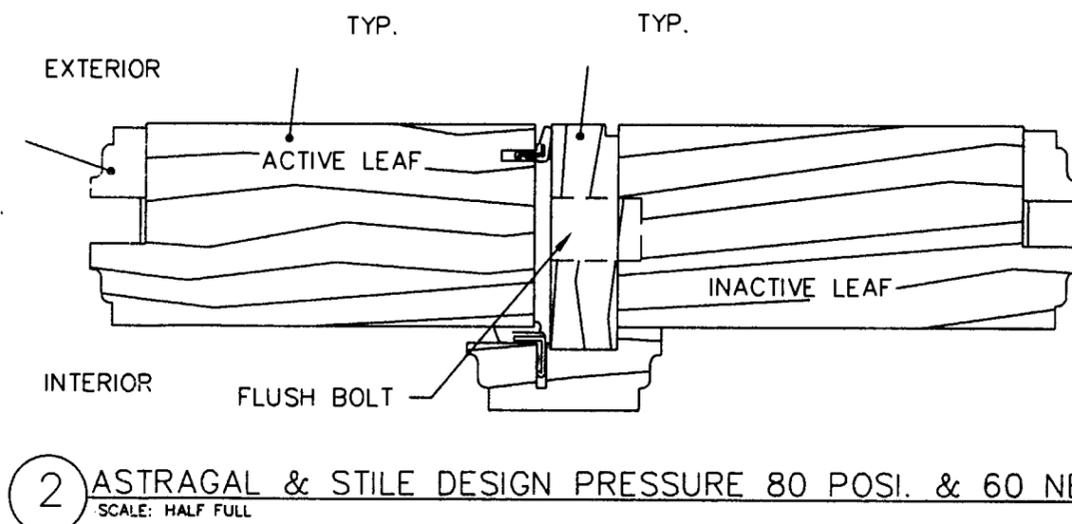
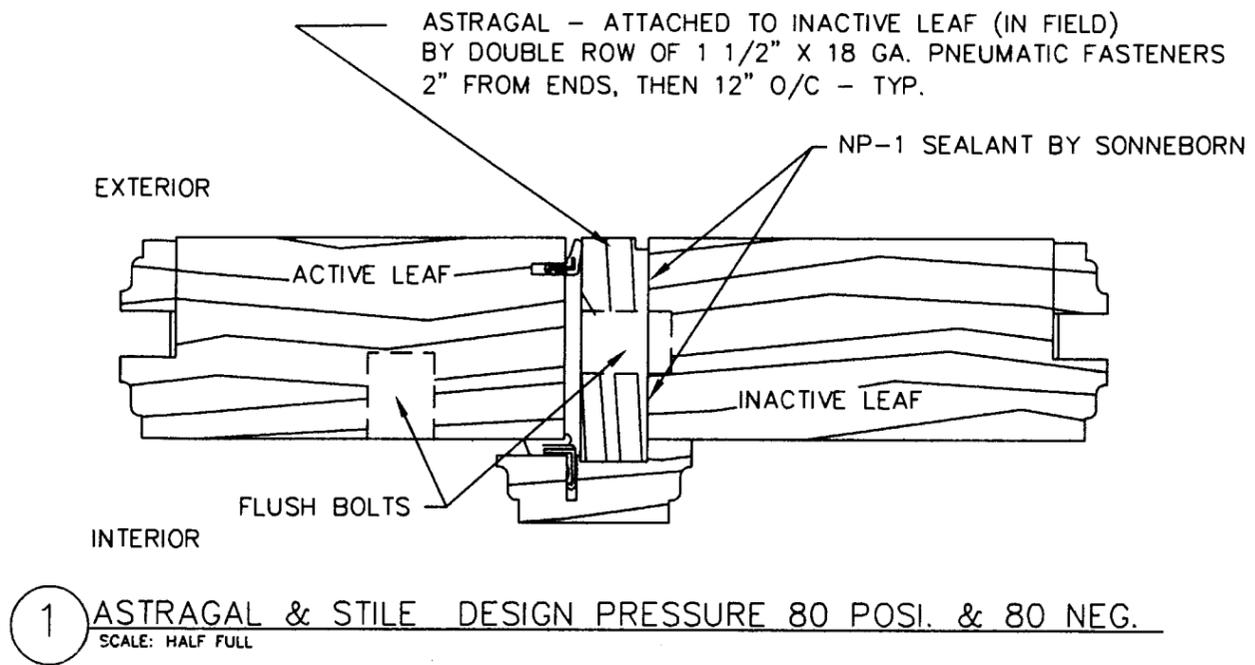
1/4" TAPCON CONCRETE SCREW
 @ 8" O.C. BEGIN 1ST SCREW WITHIN 3" OF TOP AND BOTTOM (MIN. PENETRATION 1 1/4")

CONCRETE BLOCK - 170 LB. SHEAR

CONCRETE - 218 LB. SHEAR

- THE DOORS ARE TESTED WITH "SAFLEX" BY Solutia
 NOTICE OF ACCEPTANCE 01-0205.02 DADE COUNTY
 FLORIDA - EXPIRES 05/21/2006 0.465 LAMINATED GLASS
 CONSISTING OF :
 a) 2 LAYERS OF 3/16" ANNEALED OR HEAT STRENGTH GLASS
 b) 1 LAYERS OF .090 SAFLEX

- THE DOORS ARE TESTED WITH "SAFLEX HP" BY Solutia
 NOTICE OF ACCEPTANCE 99-1227.02 DADE COUNTY
 FLORIDA - EXPIRES 04/14/2003 0.475 LAMINATED GLASS
 CONSISTING OF :
 a) 2 LAYERS OF 3/16" ANNEALED OR HEAT STRENGTH GLASS
 b) 1 LAYERS OF .100 SAFLEX



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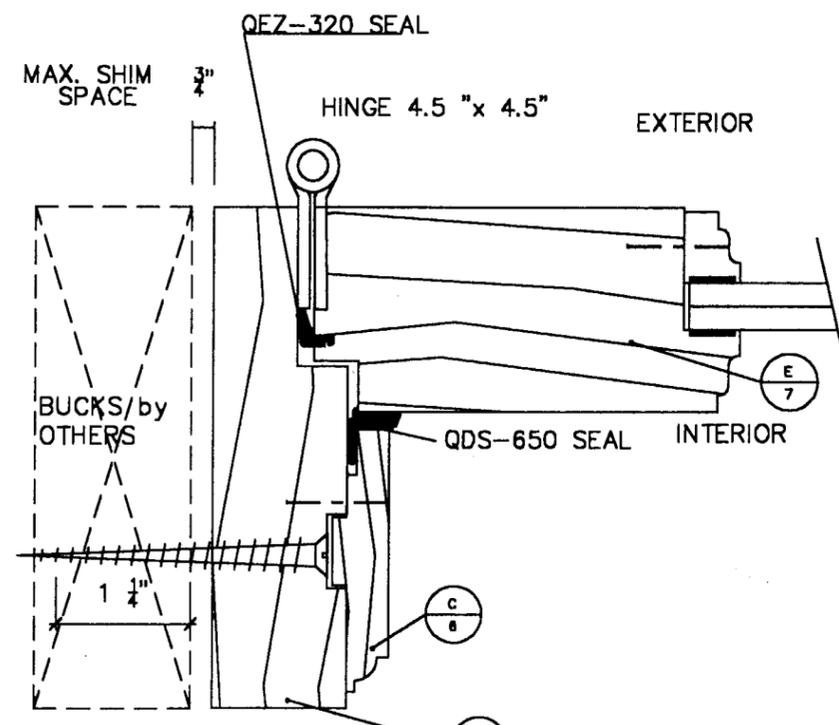
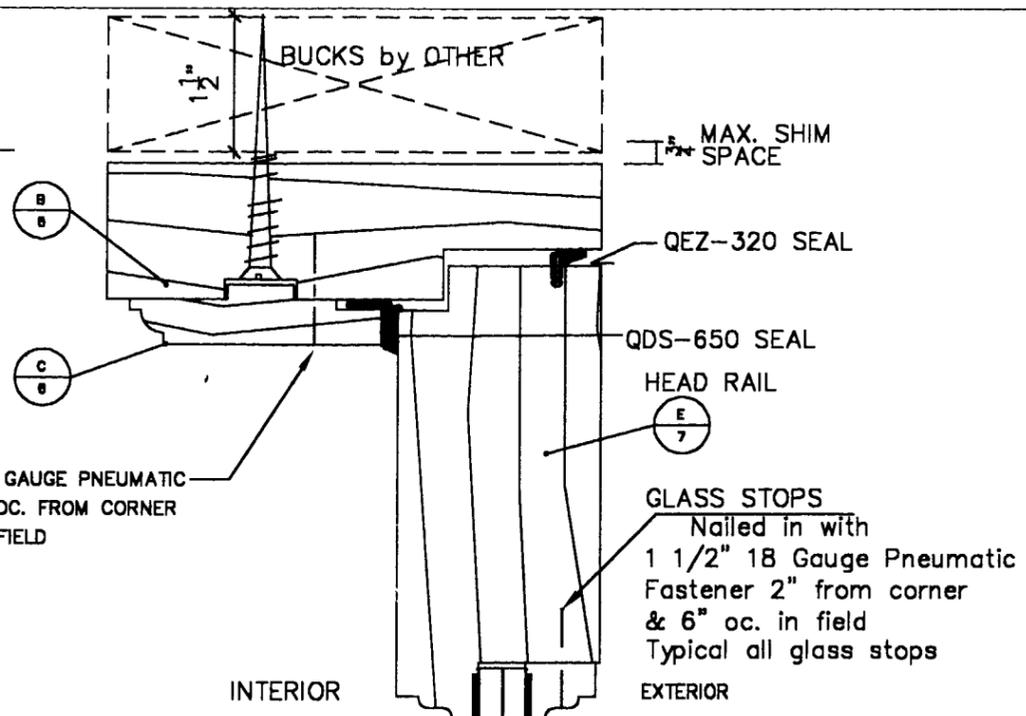
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 02-0618.01
 Expiration Date 06/13/07
 By [Signature]
 Miami Dept. Product Control
 Division

DRAWN DWS
CHECKED
DATE 06-11-2002
SCALE 1/2" = 1'
JOB NO.
DWG.# D1.0
3 OF 7 SHEETS

SINCLAIR ENGINEERING CO. CO. # 5426
 8259 N. Military Trail, Suite 6
 PALM BEACH GARDENS, FLORIDA 33418
 (561) 530-5488
 FL. REG. # 35631
HARTMAN WINDOWS & DOORS, LLC.
 917 NORTH RAILROAD AVENUE WEST PALM BEACH, FLORIDA
 PHONE 561-889-1377 FAX 561-655-4418

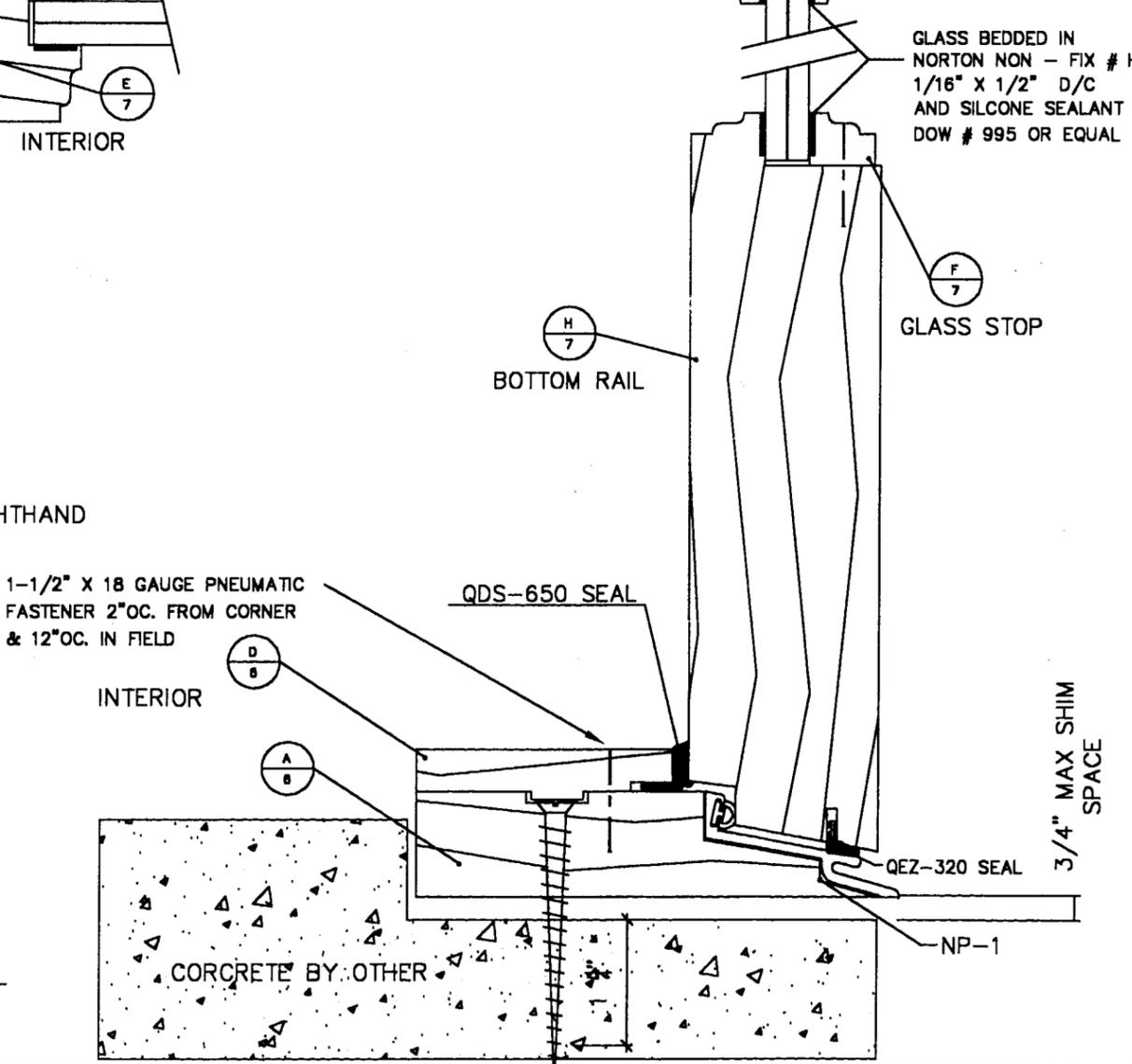
JUN 14 2002

2 HEAD DETAIL
SCALE: HALF FULL



4 JAMB SECTION
SCALE: HALF FULL
DETAIL IS FOR BOTH RIGHTHAND AND LEFTHAND JAMBS

3 SILL DETAIL
SCALE: HALF FULL



SINCLAIR ENGINEERING CO
8259 N. Military Trail, Suite 6
Palm Beach Gardens, FL 33418
TEL. (561) 630-5431
FL Lic. # 35631 C.O.A.# 5426

M. Miller
HARTMAN WINDOWS & DOORS, LLC.
917 NORTH RAILROAD AVENUE WEST PALM BEACH, FLORIDA
PHONE 561-629-1577 FAX 561-635-4418

OUTSWING MAHOAGANY FRENCH DOORS
SECTION DETAILS

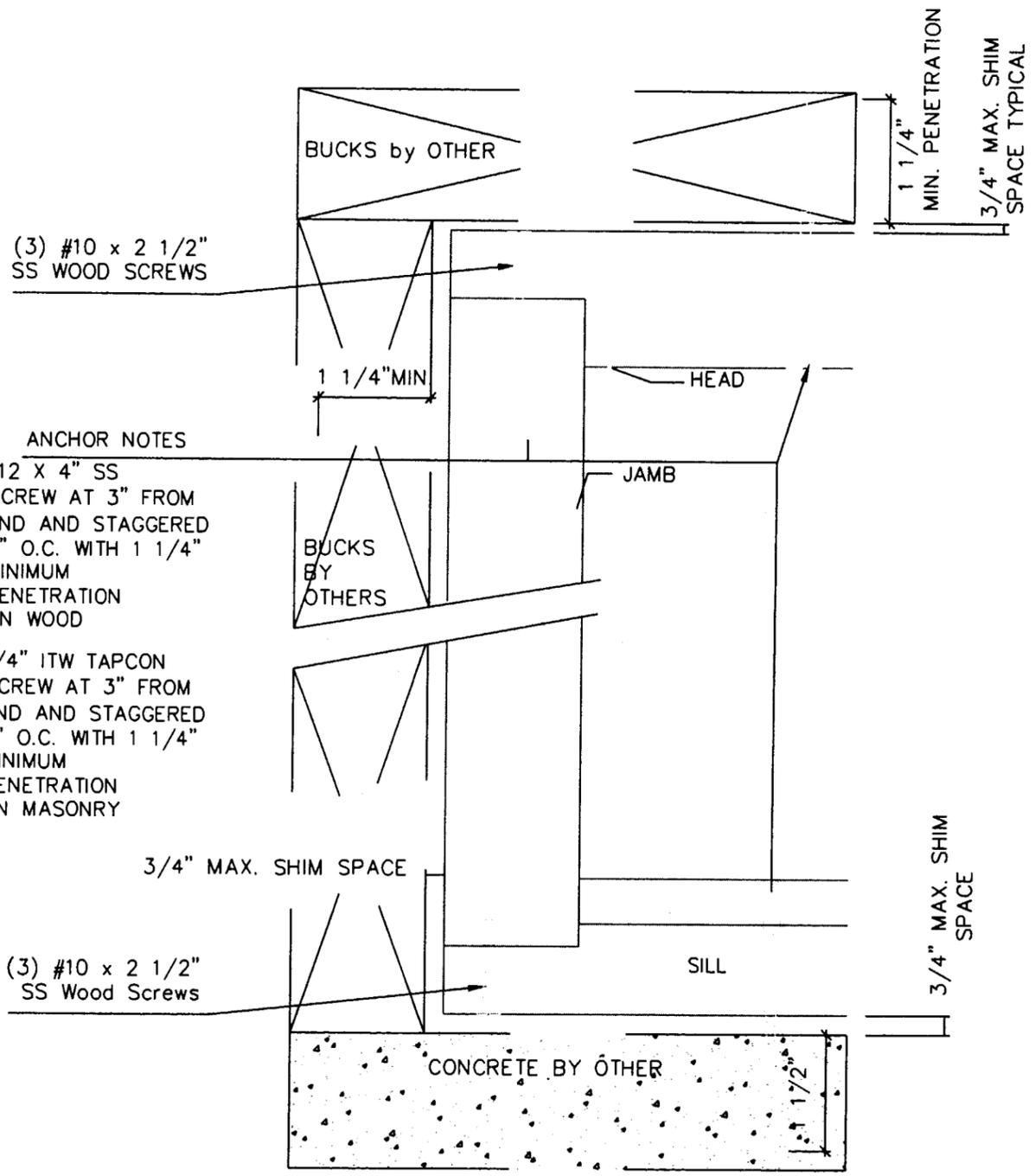
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Expiration Date 06/13/03

By *[Signature]*
Miami Dept. Product Control
Division

DRAWN DWS
DATE 06-11-2002
SCALE HALF-FULL
JOB NO.
DWG # D1.0
4 OF 7 SHEETS



(3) #10 x 2 1/2" SS WOOD SCREWS

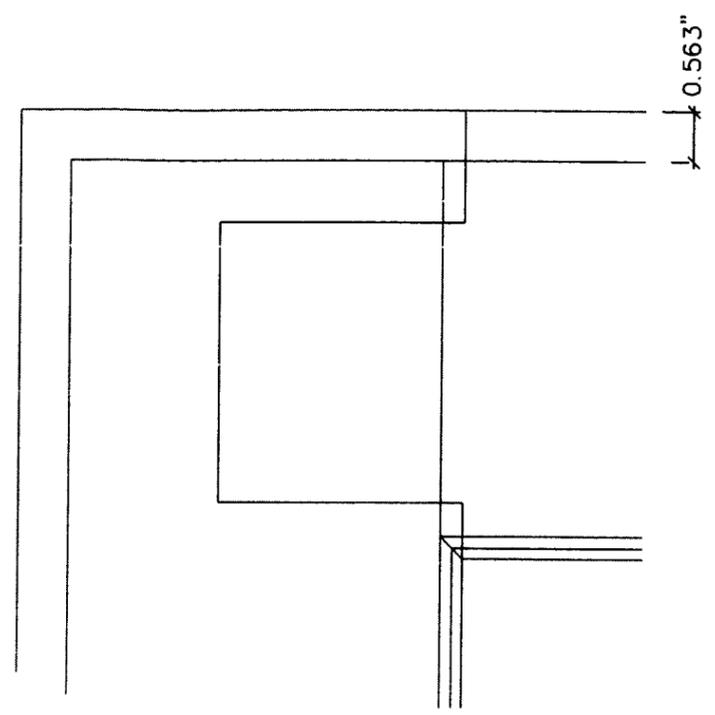
ANCHOR NOTES

#12 X 4" SS SCREW AT 3" FROM END AND STAGGERED 8" O.C. WITH 1 1/4" MINIMUM PENETRATION ON WOOD

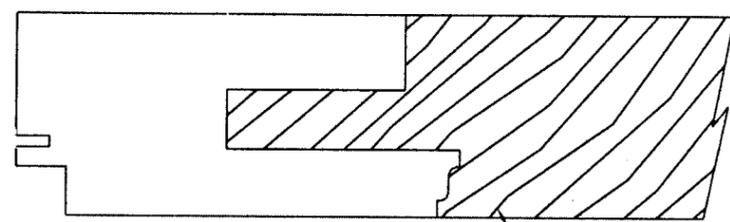
1/4" ITW TAPCON SCREW AT 3" FROM END AND STAGGERED 8" O.C. WITH 1 1/4" MINIMUM PENETRATION ON MASONRY

(3) #10 x 2 1/2" SS Wood Screws

1 JAMB ASSEMBLY
SCALE: HALF FULL



TOP STILE AND RAIL CONNECTION WILL HAVE A 2" BY 3" TENON ON RAIL.
BOTTOM STILE AND RAIL CONNECTION WILL HAVE A 2" BY 6" TENON ON RAIL.



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DATE 06-11-02
SCALE 1/2" = 1'
JOB NO.
DWG.# D1.0
5 OF 7 SHEETS

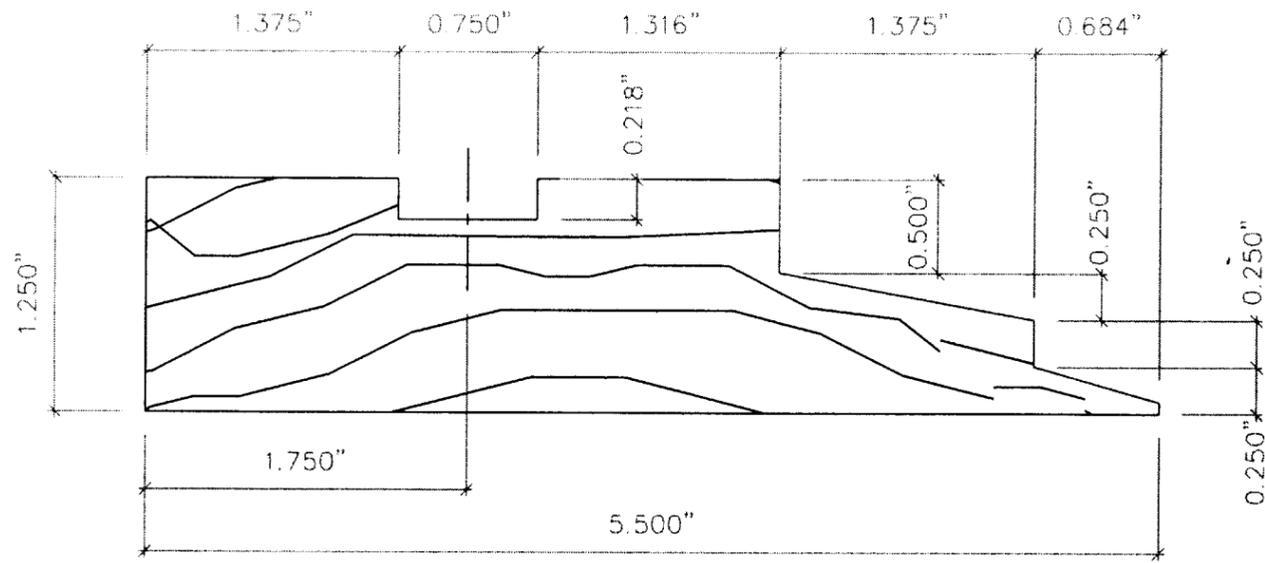
SINCLAIR ENGINEERING CO. CCA # 5426
8259 N. Military Trail, Suite 6
PALM BEACH GARDENS, FLORIDA 33418
(561) 630-5488
FL. Reg. # 35631

DM Sella Jr

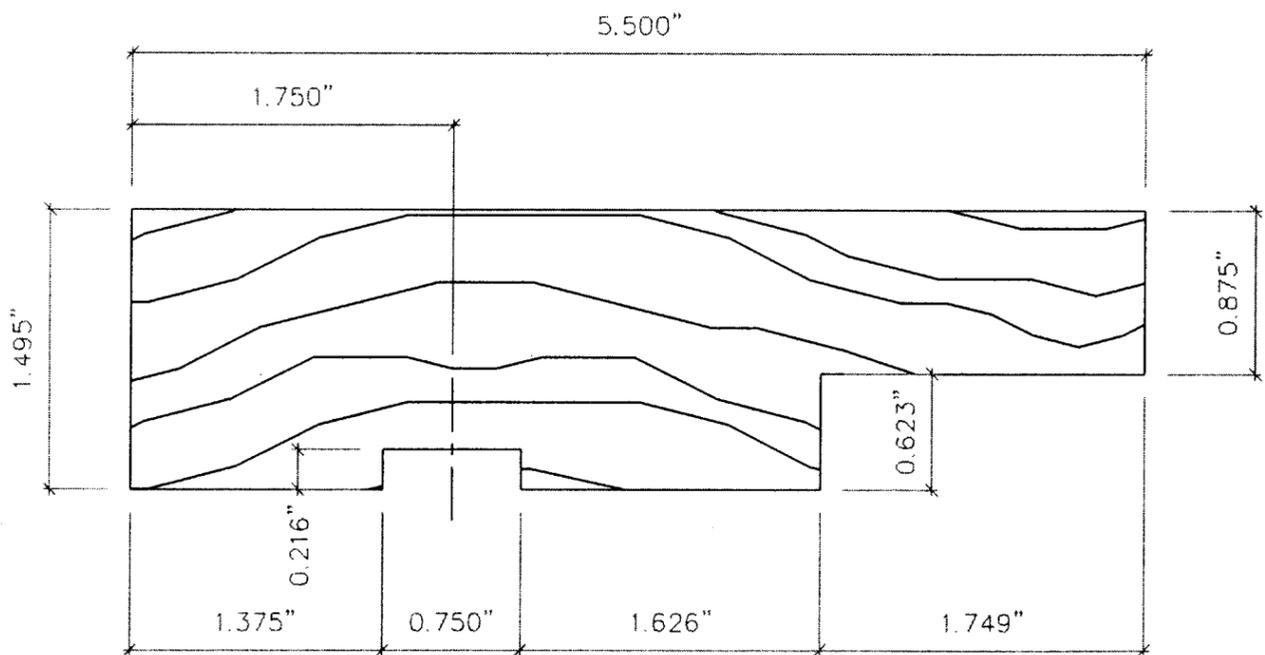
HARTMAN WINDOWS & DOORS, LLC.
317 NORTH RAILROAD AVENUE WEST PALM BEACH, FLORIDA
PHONE 561-820-1377 FAX 561-655-4418

OUTSWING FRENCH DOORS
FULL-SCALE/JAMB

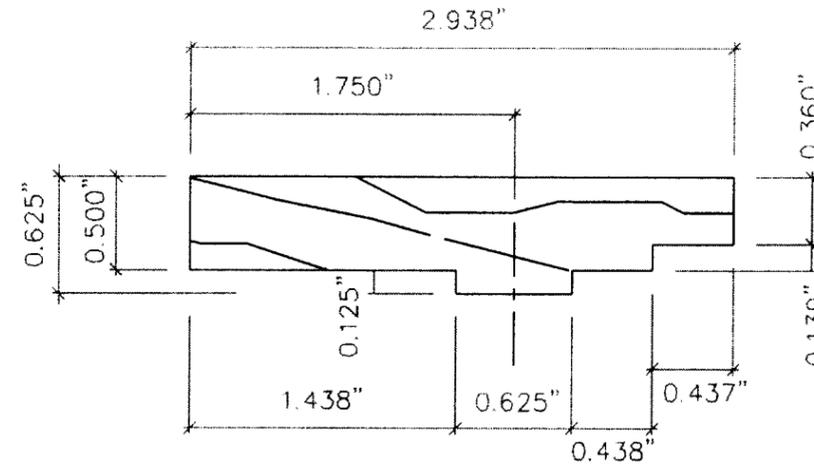
JUN 14 2002



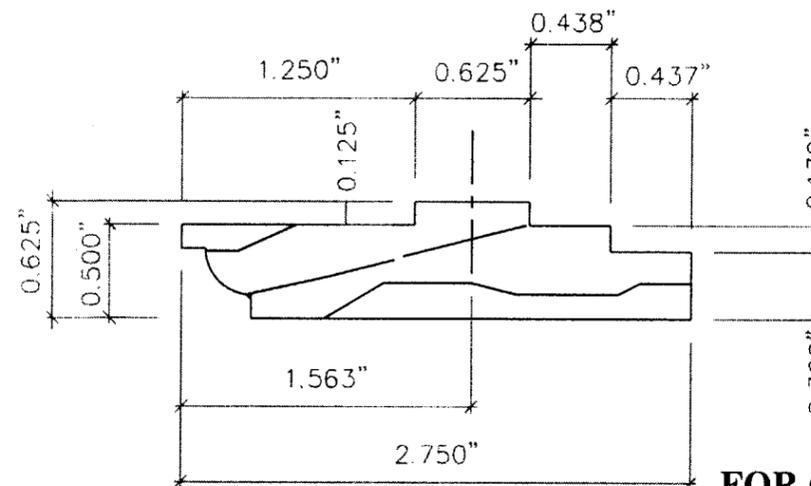
(A) SILL DETAIL
FULL SCALE



(B) JAMB & HEAD DETAIL
FULL SCALE



(D) SILL STOP
FULL SCALE



(C) JAMB & HD. STOP
FULL SCALE

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Miami Division Product Control
Division

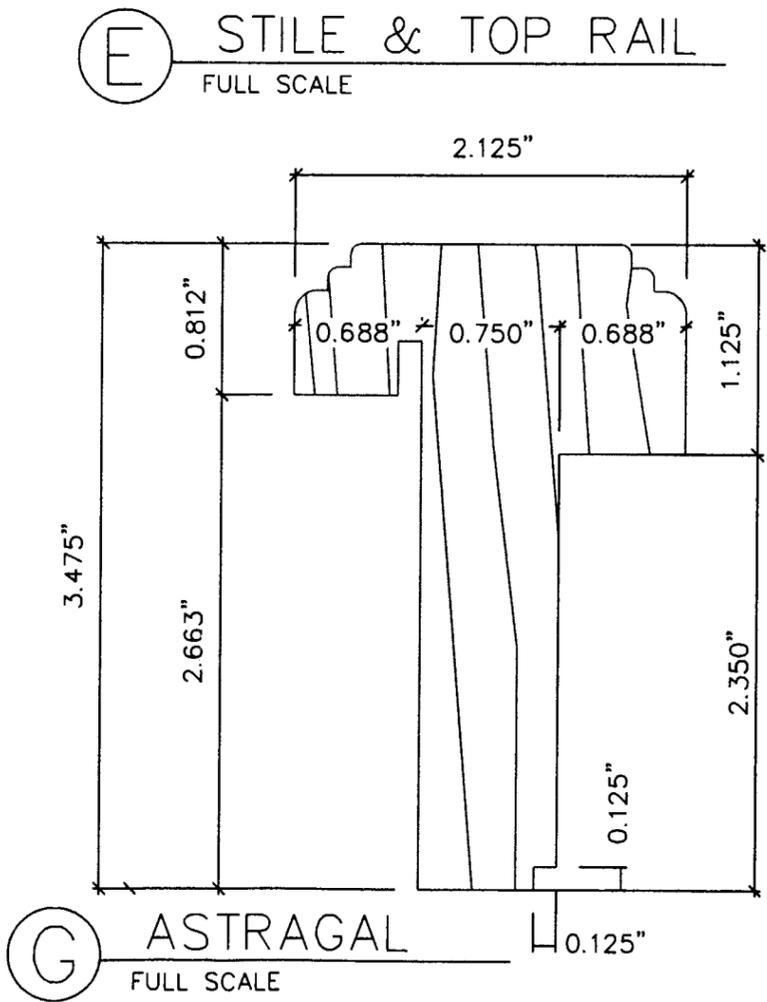
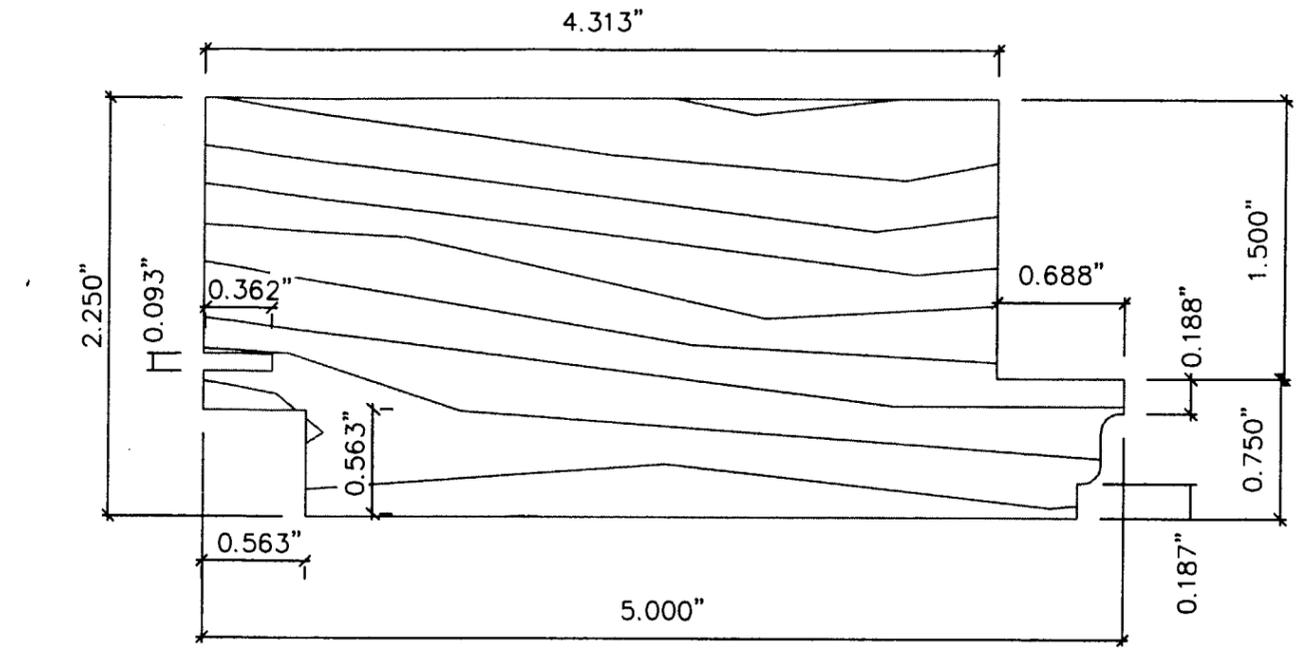
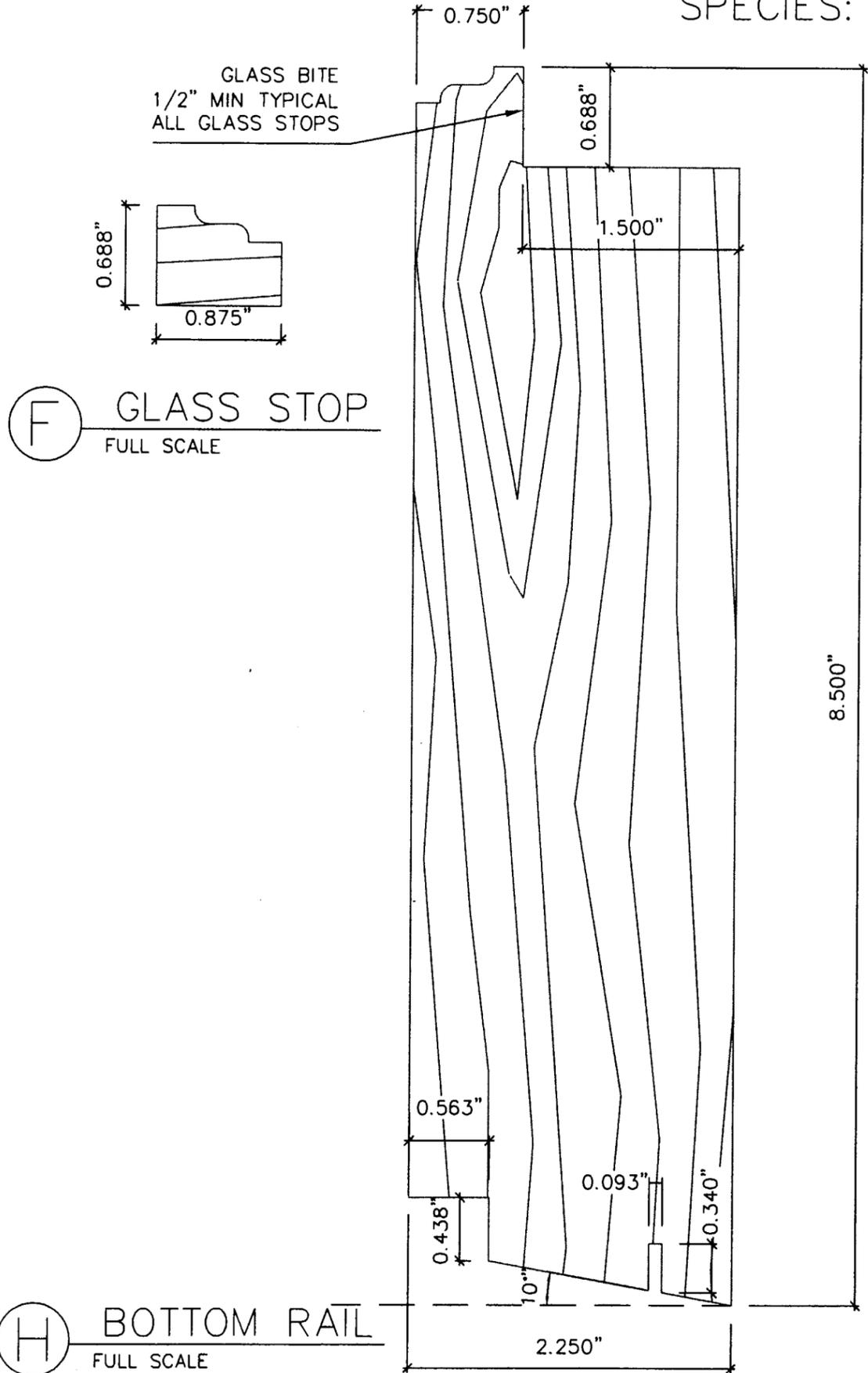
DRAWN VSO
CHECKED
DATE 06-11-2002
SCALE FULL
JOB NO.
DWG. # D1.0
6 OF 7 SHEETS

SINCLAIR ENGINEERING CO. 3044 5426
8259 N Military Trail, Suite 6
Palm Beach Gardens, FL 33418
(561) 640-5488
FL. Reg. # 35631

HARTMAN WINDOWS & DOORS, LLC
917 NORTH RAILROAD AVENUE WEST PALM BEACH, FLORIDA
PHONE 561-820-1377 FAX 561-655-4418

JUN 14 2002

SPECIES: Mahogany , Cypress Oak Teak on ALL PARTS



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

DRAWN VSO
CHECKED
DATE 06-11-2002
SCALE FULL
JOB NO.
DWG.# D1.0
7 OF 7 SHEETS

SINCLAIR ENGINEERING CO COA# 5426
8259 N Military Trail, Suite 6
Palm Beach Gardens, FL 33418
(561) 640-5488
FL. Reg. # 35631

HARTMAN WINDOWS & DOORS, LLC

917 NORTH RAILROAD AVENUE WEST PALM BEACH, FLORIDA
PHONE 561-820-1377 FAX 561-655-4418

OUTSWING FRENCH DOORS

[Signature]

JUN 14 2002