

**AAMA/WDMA/CSA
TEST REPORT**

Rendered to:

EAGLE WINDOW & DOOR, INC.

SERIES/MODEL: 6-7 x 8-0 Series 05 Clad Ascent Inswing French Door

PRODUCT TYPE: Aluminum Clad In-Swing Double French Door

Title	Summary of Results
101/I.S.2.NAFS-02	HGD-C40 2007 x 2438 (79 x 96)
AAMA/WDMA/CSA 101/I.S.2/A440-05	SHD-C40 2007 x 2438 (79 x 96)
AAMA/WDMA/CSA 101/I.S.2/A440-08	LC-PG40-SHD 2007 x 2438 (79 x 96)
Design Pressure	1920 Pa (40.0 psf)
Air Infiltration	0.15 L/s/m ² (0.03 cfm/ft ²)**
Water Penetration Resistance Test Pressure	290 Pa (6.0 psf)**
Uniform Load Structural Test Pressure	±2880 Pa (±60.0 psf)
Forced Entry Resistance	Pass**

Test Completion Date: 07/10/08

Reference must be made to Report No. 82575.01-201-44 dated 07/16/08 for complete test specimen description and data.



Architectural Testing

AAMA/WDMA/CSA TEST REPORT

Rendered to:

EAGLE WINDOW & DOOR, INC.
2045 Kerper Boulevard
Dubuque, Iowa 52004-1072

Report No.: 82575.01-201-44
Test Date: 05/05/08
Through: 07/10/08
Report Date: 07/16/08
Expiration Date: 05/05/12

Project Summary: Architectural Testing, Inc. was contracted by Eagle Window & Door, Inc. to perform testing on a 6-7 x 8-0 Series 05 Clad Ascent Inswing French Door, Aluminum Clad In-Swing Double French Door in Architectural Testing, Inc. test facility in St. Paul, Minnesota. The sample tested successfully met the performance requirements per 101/I.S.2.NAFS-02 to an HGD-C40 2007 x 2438 (79 x 96) rating; AAMA/WDMA/CSA 101/I.S.2/A440-05 to a SHD-C40 2007 x 2438 (79 x 96) rating and per AAMA/WDMA/CSA 101/I.S.2/A440-08 to a LC-PG40-SHD 2007 x 2438 (79 x 96) rating. Test specimen description and results are reported herein.

Test Specifications: The test specimen was evaluated in accordance with:

101/I.S. 2/NAFS-02, *Voluntary Performance Specification for Windows, Skylights and Glass Doors.*

AAMA/WDMA/CSA 101/I.S.2/A440-05, *Standard/Specification for Windows, Doors and Unit Skylights.*

AAMA/WDMA/CSA 101/I.S.2/A440-08, *Standard/Specification for Windows, Doors and Unit Skylights.*

Test Specimen Description:

Series/Model: 6-7 x 8-0 Series 05 Clad Ascent Inswing French Door

Product Type: Aluminum Clad In-Swing Double French Door

Overall Size: 2007 mm (79") wide by 2438 mm (96") high

Active Panel Size: 970 mm (38-3/16") wide by 2367 mm (93-3/16") high

Passive Panel Size: 970 mm (38-3/16") wide by 2367 mm (93-3/16") high

Overall Area: 5.2 m² (56.0 ft²)

Test Specimen Description: (Continued)

Finish: Interior wood was natural and the exterior aluminum cladding was white.

Frame Construction: The sill was coped, butted and secured to the jamb utilizing two #8 by 64 mm (2-1/2") screws through sill through plastic corner keys and into wood jamb. The exterior cladding was secured with one #8 by 25 mm (1") screw per corner. The jamb was coped, butted and secured through the head with two #8 by 44 mm (1-3/4") screws. The exterior cladding was secured with two #8 by 11 mm (7/16") screws, one #6 by 32 mm (1-1/4") screw through a plastic corner key per corner. The astragal was snap fit onto wood panel members and secured with silicone.

Panel Construction: The wood stiles and rails were joined by two 19 mm by 102 mm (3/4" by 4") hardwood dowel. Extruded aluminum cladding was square-cut and butted at the corners, sealed with silicone and secured with a corner key.

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Q-Lon	1 Row	Perimeter of operating panel at head and side jambs and mullion
Foam filled PVC w/ leaf	1 Row	Sill below operable panel
6 mm (1/4") Diameter hollow bulb	1 Row	Bottom of bottom rail on operable panel
Vinyl wrapped foam pad	2	Bottom of mullion and jamb at operable panels

Glazing Details: The window utilized a nominal 19 mm (3/4") thick insulating glass fabricated from two sheets of nominal 3.1 mm (1/8") tempered glass separated by an aluminum spacer system. The glass was set from the interior against hot melt silicone. Wood glazing stops with single sided adhesive foam tape were utilized on the interior and secured with 32 mm (1-1/4") brads spaced 25 mm (1") from each corner and 152 to 203 mm (6" to 8") on center.

Drainage:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
51 mm (1/2") wide by 5 mm (3/16") high weep slot	2	Sill catch basin 203 mm (8") from each end
51 mm (1/2") wide by 3 mm (1/8") high weep slot	2	Exterior sill face at each end of sill

Test Specimen Description: (Continued)

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Hinges	4	305 mm (12") from bottom of sill and spaced 610 mm (24") on center
3-pt. lock assembly and dead bolt with handle	1	Active panel 305 mm (12") from edge of panel and dead bolt at 914 mm (36") from bottom

Installation: The test unit was installed within a double wood test buck. The unit was secured through strike plates with two #8 by 64 mm (2-1/2") screws. Two #10 by 64 mm (2-1/2") screws were utilized through each hinge into test buck. The unit was sealed to the buck with silicone.

Test Results: The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
--	Force to Latch Side-Hinged Door System per ANSI/BHMA A156.2**		
5.3.1.2	Force to latch	58 N (13.0 lbf)	Report only
5.3.1.2	Deadbolt	40 N (9.0 lbf)	100 N (22.5 lbf) max.
5.3.2	Air Infiltration per ASTM E 283**		
5.3.2	75 Pa (1.57 psf, 25 mph)	0.76 L/s/m ² (0.03 cfm/ft ²)	1.5 L/s/m ² (0.30 cfm/ft ²) max.
5.3.2	300 Pa (6.24 psf, 50 mph)	0.51 L/s/m ² (0.10 cfm/ft ²)	-- --

Note #1: The tested specimen meets (or exceeds) the performance levels specified in 101/I.S.2/NAFS-02, AAMA/WDMA/CSA 101/I.S.2/A440-05 and AAMA/WDMA/CSA 101/I.S.2/A440-08 for air infiltration.

5.3.3	Water Penetration Resistance per ASTM E 547		See Note #2
5.3.3			
5.3.3			
5.3.4.1	Uniform Load Deflection per ASTM E 330		See Note #2
5.3.4.2			
5.3.4.2			

Test Results: The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
5.3.4.2	Uniform Load Structural per ASTM E 330		See Note #2
5.3.4.3			
5.3.4.3			
5.3.5	Forced Entry Resistance per AAMA 1304**		
5.3.5	1330 N (300 lbf) point load		
5.3.5	Active Panel		
	Top lock stile corner	No entry	No entry
	Bottom lock stile corner	No entry	No entry
	Above lock	No entry	No entry
	Passive Panel		
	Top lock stile corner	No entry	No entry
	Bottom lock stile corner	No entry	No entry
	Above lock	No entry	No entry
--	Operation/Cycling Performance per AAMA 920**		
5.3.6.10	100,000	Meets as stated	Meets as stated
5.3.6.10			
--	Vertical Loading Resistance per AAMA 925**		
5.3.6.11	Pre-load - 200 N (45 lbf)		
5.3.6.11	Maximum vertical deflection	0.5 mm (0.02")	N/A
	Residual vertical deflection	<0.3 mm (<0.01")	N/A
	Test load - 675 N (150 lbf)		
	Maximum vertical deflection	3.1 mm (0.12")	N/A
	Residual vertical deflection	0.3 mm (0.01")	N/A
	Diagonal deformation	<0.3 mm (<0.01")	N/A
	Force to latch	58 N (13.0 lbf)	Report only

Optional Performance

4.2.2.5	Water Resistance per ASTM E 547**		
4.4.2.6	290 Pa (6.0 psf)	No leakage	No leakage
4.3.2			

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
4.2.2.5	Uniform Load Deflection per ASTM E 330		
4.4.2.6	(Loads were held for 60 seconds)		
4.3.2	(Deflections reported were taken on the astragal)		
	1920 Pa (40.0 psf) (positive)	27.4 mm (1.08")	See Note #3
	1920 Pa (40.0 psf) (negative)	24.8 mm (0.98")	See Note #3

***Note #3:** The deflections reported are not limited by 101/I.S.2/NAFS-02, AAMA/WDMA/CSA 101/I.S.2/A440-05 or AAMA/WDMA/CSA 101/I.S.2/A440-08 for this product designation. The deflection data is recorded in this report for special code compliance and information only.*

4.2.2.5	Uniform Load Structural per ASTM E 330		
4.4.2.6	(Loads were held for 10 seconds)		
4.3.2	(Deflections reported were taken on the astragal)		
	2880 Pa (60.0 psf) (positive)	1.02 mm (0.04")	6.9 mm (0.27")
	2880 Pa (60.0 psf) (negative)	0.76 mm (0.03")	6.9 mm (0.27")

**Results were taken from a larger window of similar construction tested 07/10/05; please see Architectural Testing, Inc. test report 82754.01-201-44.

Tape and film were used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.

Drawing Reference: The test specimen drawings have been reviewed by Architectural Testing, Inc. and are representative of the test specimen reported herein.

List of Official Observers:

<u>Name</u>	<u>Company</u>
Tony D. Gavin	Architectural Testing, Inc.
Karl A. Lips-Eakins	Architectural Testing, Inc.

Detailed drawings, data sheets, representative samples of test specimens, a copy of this report, or other pertinent project documentation will be retained by Architectural Testing, Inc. for a period of four years from the original test date. At the end of this retention period, such materials shall be discarded without notice and the service life of this report will expire.

Results obtained are tested values and were secured by using the designated test methods. No conclusions of any kind regarding the adequacy or inadequacy of the glass in the test specimen can be made. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimens tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.

Eric J. Schoenthaler
Project Manager

Daniel A. Johnson
Director - Regional Operations

EJS/mb

Attachments (Pages): This report is complete only when all attachments listed are included.

- Appendix A: Alteration Addendum (1)
- Appendix B: WDMA Submittal Forms (2)
- Appendix C: Drawings (27)

Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	07/16/08	N/A	Original report issue. Report and drawings forwarded to AMS for Hallmark Certification.

APPENDIX A

Alteration Addendum

Note: No alterations were required.

APPENDIX B
WDMA Submittal Forms



WDMA HALLMARK CERTIFICATION PROGRAM REPORT SUBMISSION FORM

THIS FORM IS TO BE COMPLETED BY THE MANUFACTURER AND SUBMITTED TO AMS PRIOR TO OR ALONG WITH SUBMISSION OF EACH NEW OR REVISED TEST REPORT FOR CERTIFICATION TO THE HALLMARK PROGRAM. ANY QUESTIONS PLEASE CONTACT AMS AT 315-646-2234 OR staff@amscert.com.

Manufacturer: Eagle Windows and Doors

Contact: Chad Cornell

Plant Location(s):
(list all plants where product is made)
2045 Kerper Blvd. Dubuque, IA 52001

Phone: 1-800-324-5354 ext#456

Test Report #: 82575.01-201-44

Email: chad.cornell@eaglewindow.com

Product Relationship:

Extension of currently certified product ? yes no n/a Recertification New (check one)

If yes, what CCL # ? _____

Difference from Certified Product: _____

Is this a Gateway Test ? yes no n/a

Does this report require a Gateway Report # ? yes no n/a Report #: _____

Impact Report:

If this is not an impact report check here:

AWS Report # _____

Test Plan # ? yes no n/a

Installation Instructions submitted ? yes no n/a

Certification to Florida:

If this will not be submitted to Florida check here:

AMS to Input to Database yes no n/a

Manufacturer to input yes no n/a



WDMA HALLMARK CERTIFICATION PROGRAM REPORT SUBMISSION FORM

Product Name: Ascent Series 05 Clad Inswing French Door Vent Double SP1
(as to be listed on CCL)

Product Type: Clad Hinged Door Vent

Additional Manufacturer ID #: _____

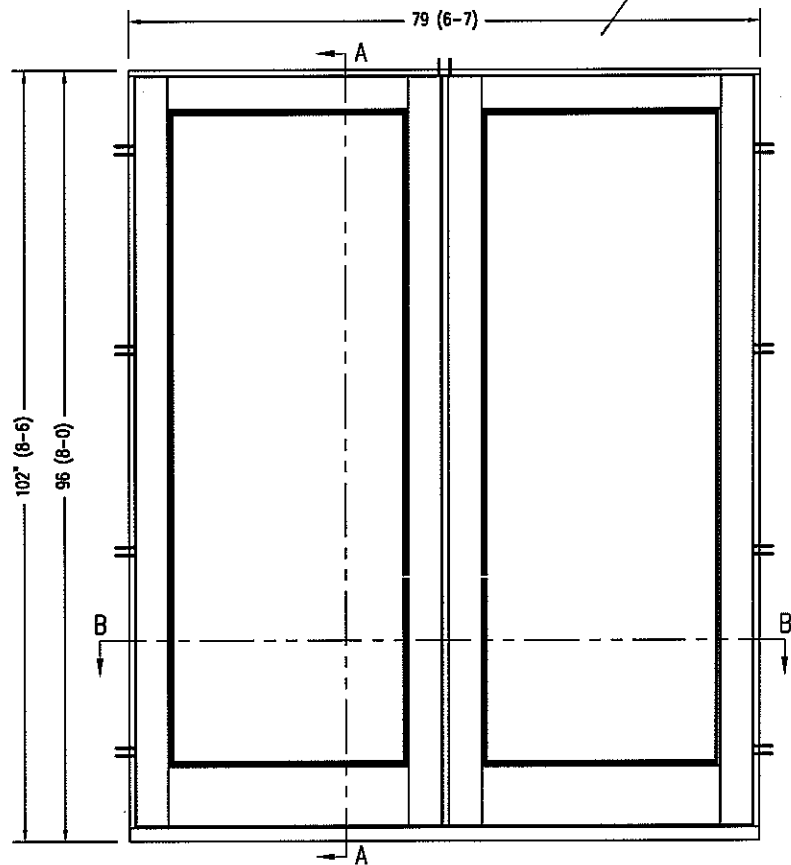
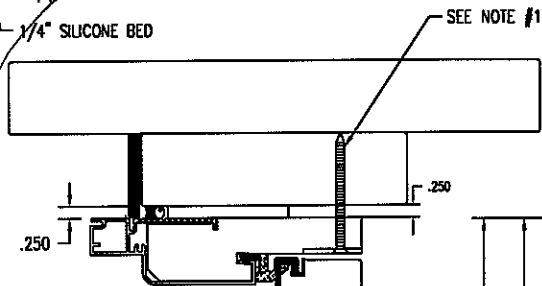
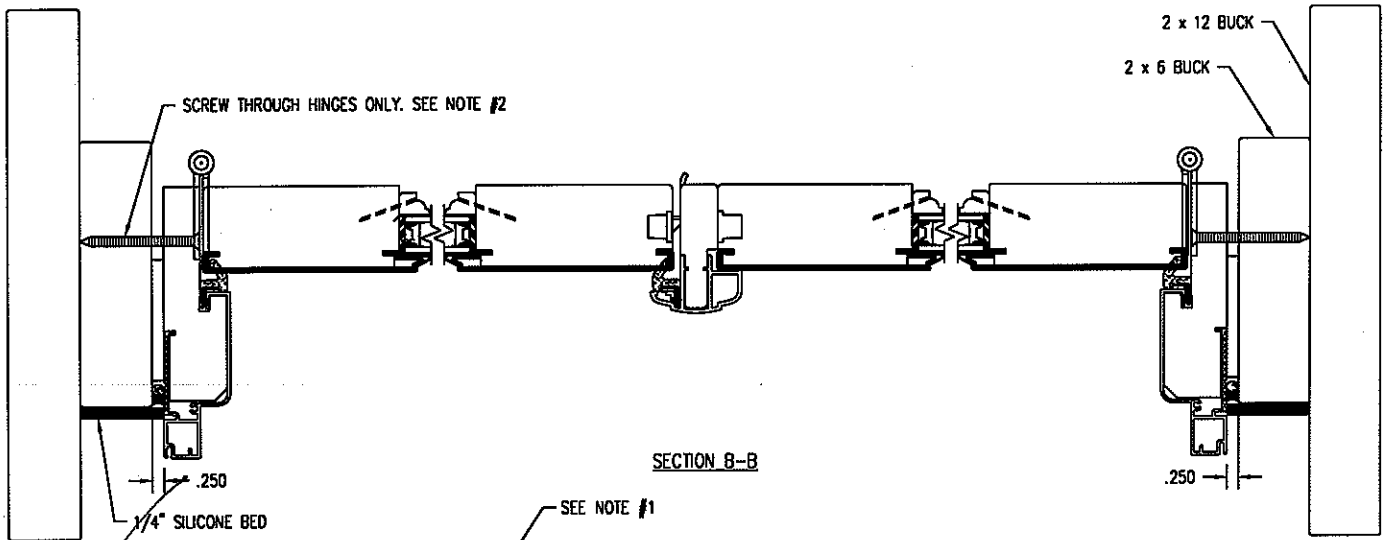
■ n/a

<u>Hallmark CCL</u>	<u>Standard</u>	<u>Rating</u>
<input type="checkbox"/>	ANSI/AAMA/NWWDA 101/I.S. 2 97	_____
<input checked="" type="checkbox"/>	101/I.S.2/NAFS-02	HGD-C40 2007 x 2438 (79 x 96)
<input checked="" type="checkbox"/>	AAMA/WDMA/CSA/101/I.S.2/A440-05	SHD-C40 2007 x 2438 (79 x 96)
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<input type="checkbox"/>	ASTM E 1996 02 / E1886-02	_____
<input type="checkbox"/>	ASTM E 1996 03 / E1886-02	_____
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<input checked="" type="checkbox"/>	Other: AAMA/WDMA/CSA/101/I.S.2/A440-08	LC-PG40-SHD 2007 x 2438 (79 x 96)

Appendix C

Drawings

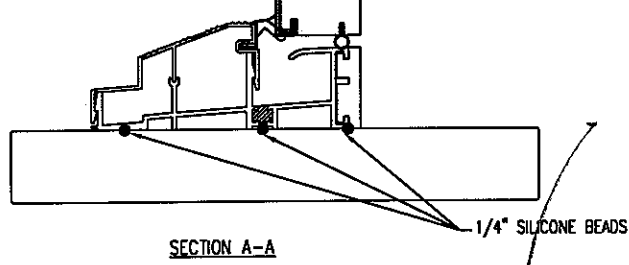
1. (2) #8 X 2 1/2" SCREWS THROUGH STRIKE PLATE INTO WALL.
2. (16) #10 X 2 1/2" SCREWS THROUGH HINGES INTO WALL. (2 PER HINGE, 8 TOTAL PER SIDE)



Architectural Testing

Test sample complies with these details.
Deviations are noted.

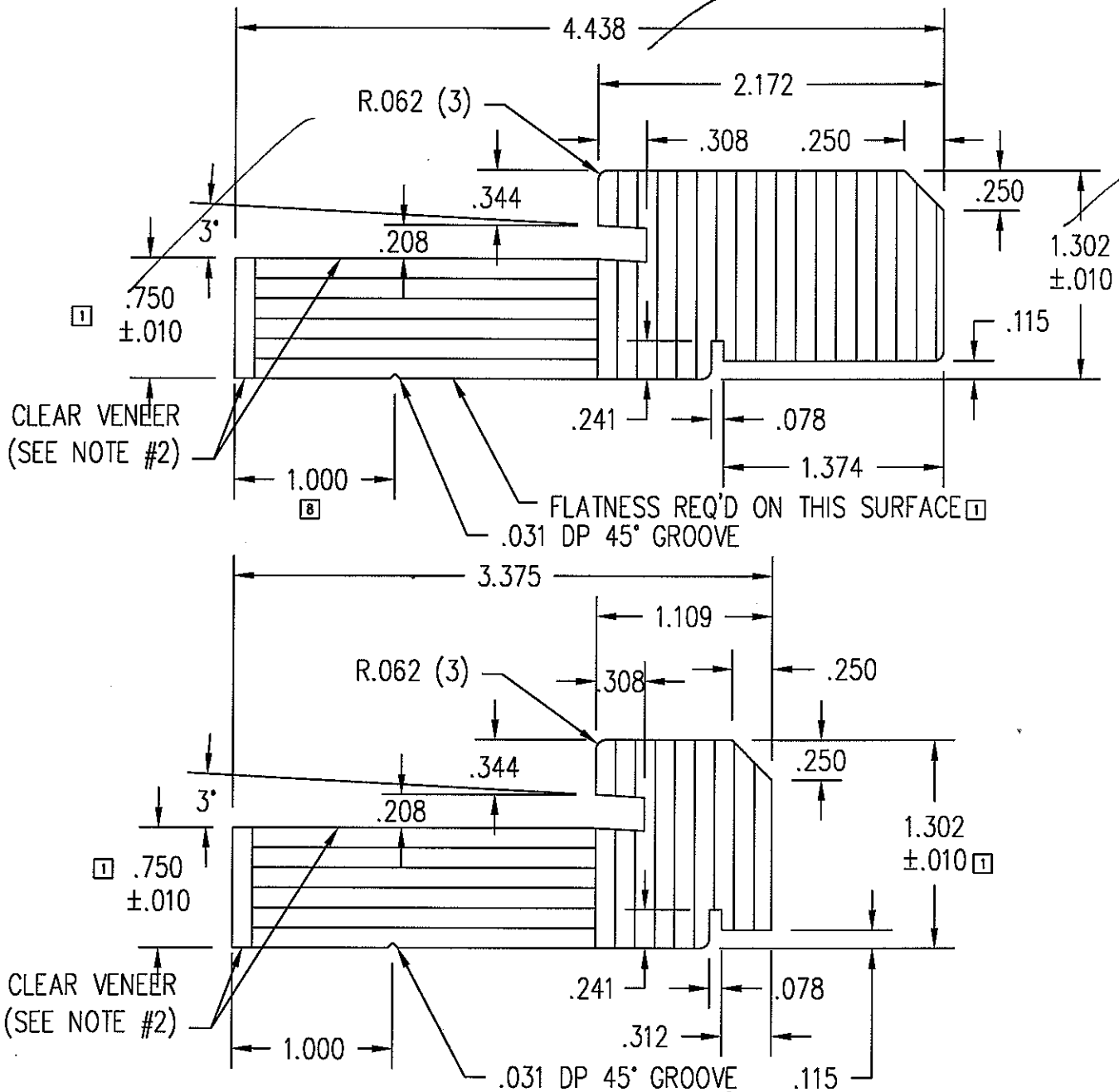
Report# DA 5257, 822754
Date 6/26/08 Tech IG



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TITLE: CHDM - DOUBLE DOOR (4 9/16") INSTALLATION DETAIL			
FINISH:			
MATERIAL:			
DFT:	030188	SCALE:	1=4
DCN:	0710	DRWG:	056K
DATE:	4/3/2008	C	01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
2. THIS VENEER TO HAVE MINIMUM THICKNESS OF .080.



RIPPED DOWN FOR 3 1/2" WALL



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# 82575 82754
Date 6/26/02 Tech JL

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TITLE: CLAD INSWING DOOR
WOOD JAMB

FINISH:

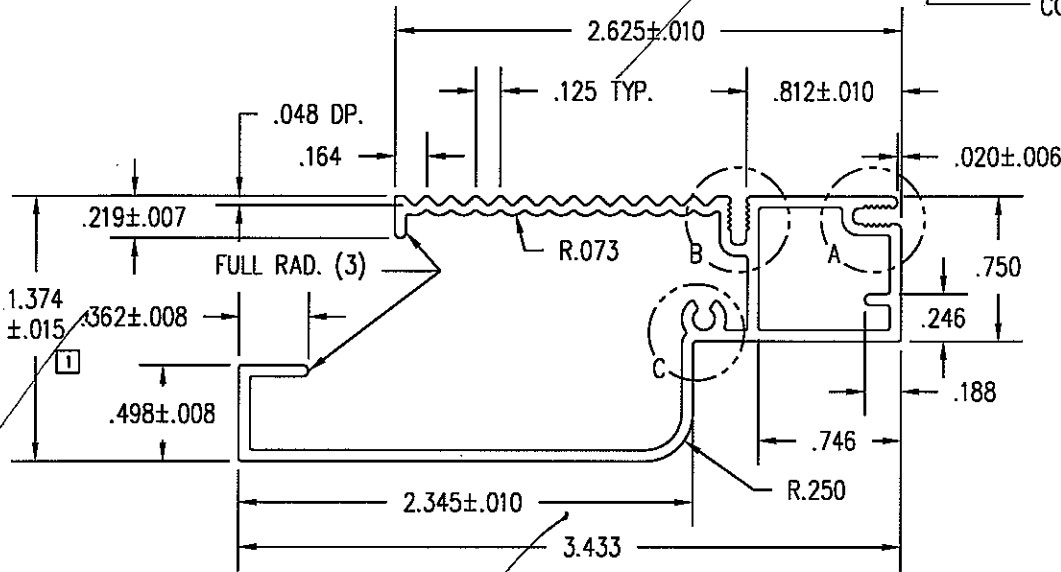
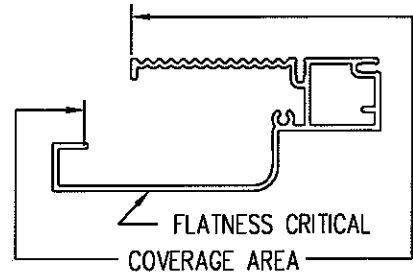
MATL: LVL

DFT: AWW SCALE: 1=1

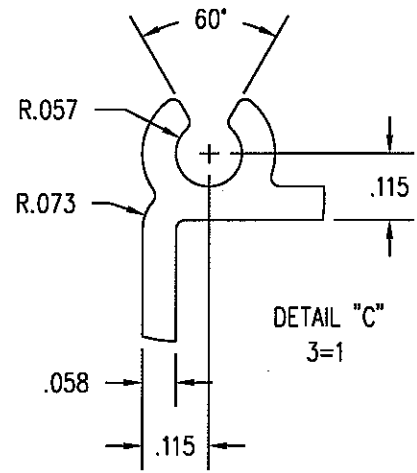
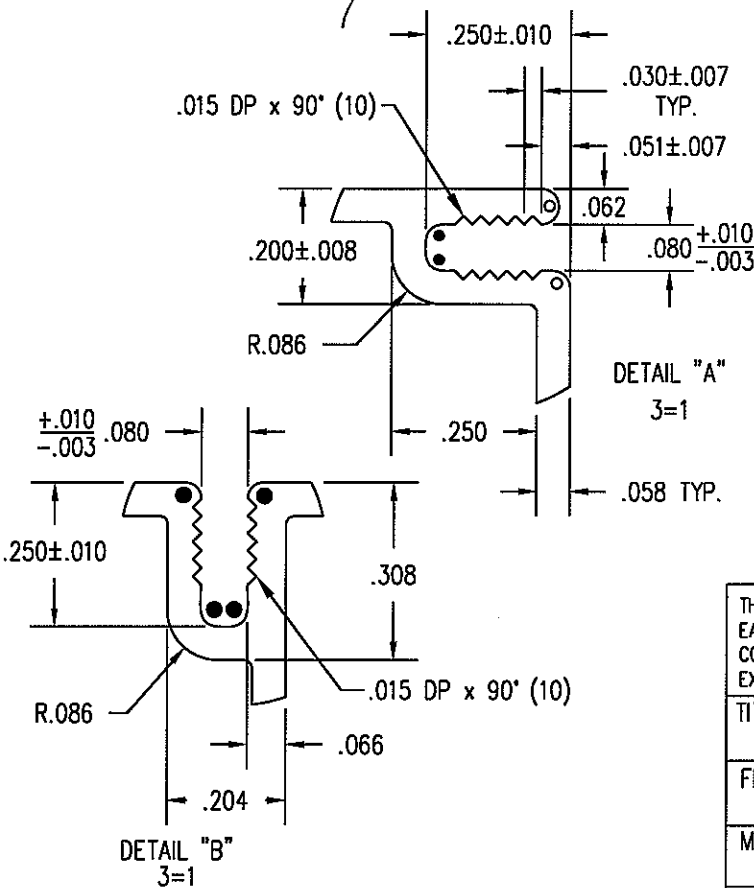
DCN: 0794 DRWG: 221M
DATE: 10/31/2002 A 01 OF 05

01	ADDED SPECIFIC TOLERANCES	AWW		1/20/06
NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
 2. UNLESS OTHERWISE SPECIFIED, WALL THICKNESS IS .058.
 3. BREAK ALL CORNERS .015 UNLESS NOTED.
 4. AREA = .569 SQ. IN.
 5. MILL PART NO. = # M7339



Architectural Testing
 Test sample complies with these details.
 Deviations are noted.
 Report# 0258702754
 Date 6/26/04 Tech 12



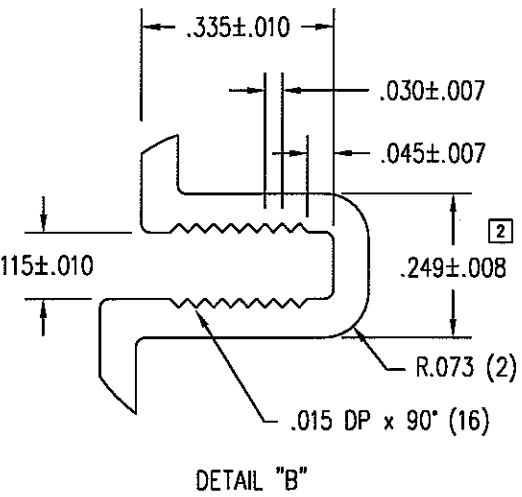
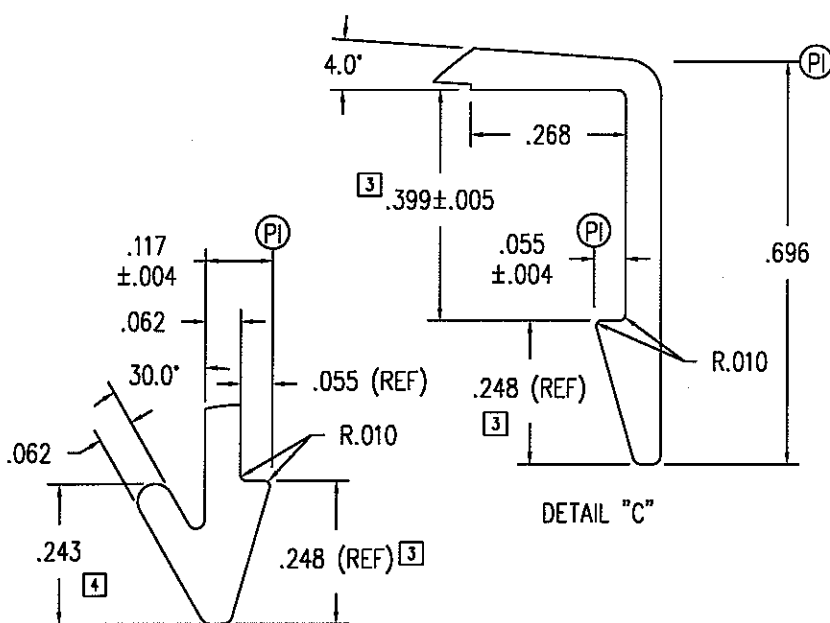
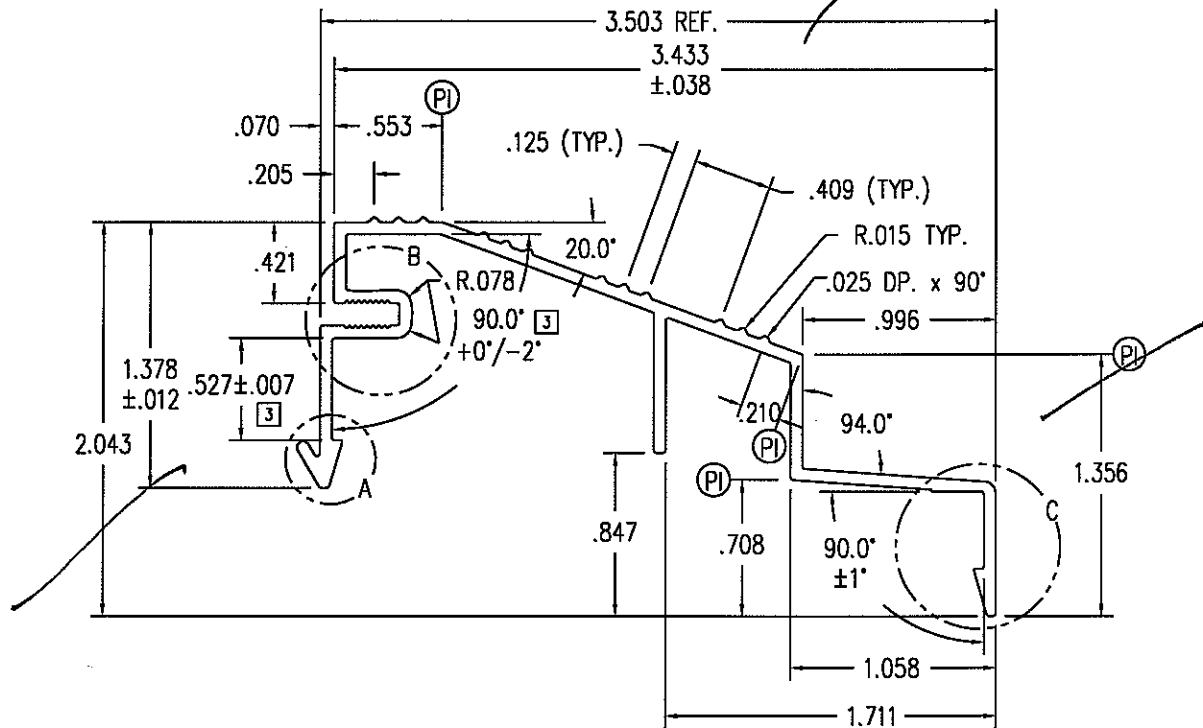
- R .028 (6)
- R .031 (2)

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TITLE:	CLAD INSWING DOOR 4 9/16" WALL METAL	
FINISH:	EAGLE'S STD. COLORS	
MATL:	6063 T-6 ALUMINUM	
DFT:	AWW	SCALE: 1=1
DCN:	0794	DRWG: A63W
DATE:	3/2/2004	A 01 OF 05

NO	DESCRIPTION	DFT	DOC	DATE
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- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
 2. TYPICAL WALL = .062, UNLESS NOTED.
 3. BREAK ALL CORNERS .015 UNLESS NOTED.
 4. AREA = .499 SQ. IN.
 5. DARK BRONZE ANODIZED PART # 7425, MILL PART # M7336.



DETAIL  **Architectural Testing**

Test sample complies with these details.
 Deviations are noted.

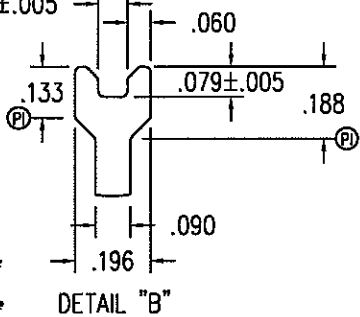
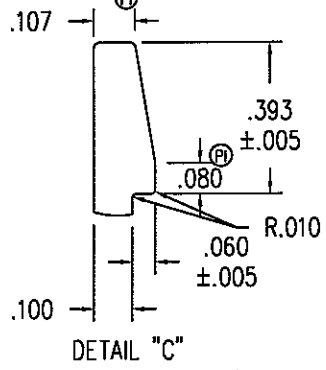
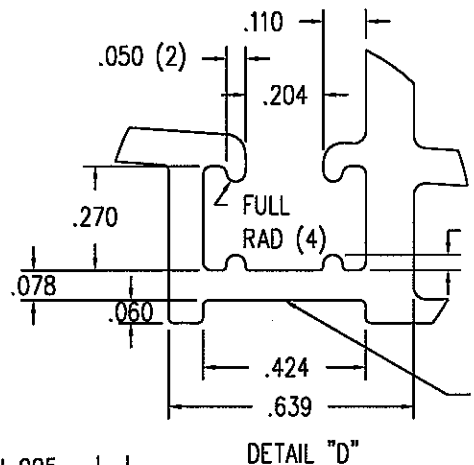
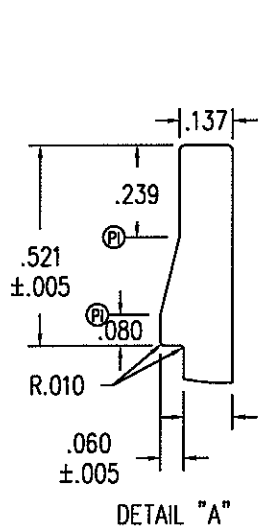
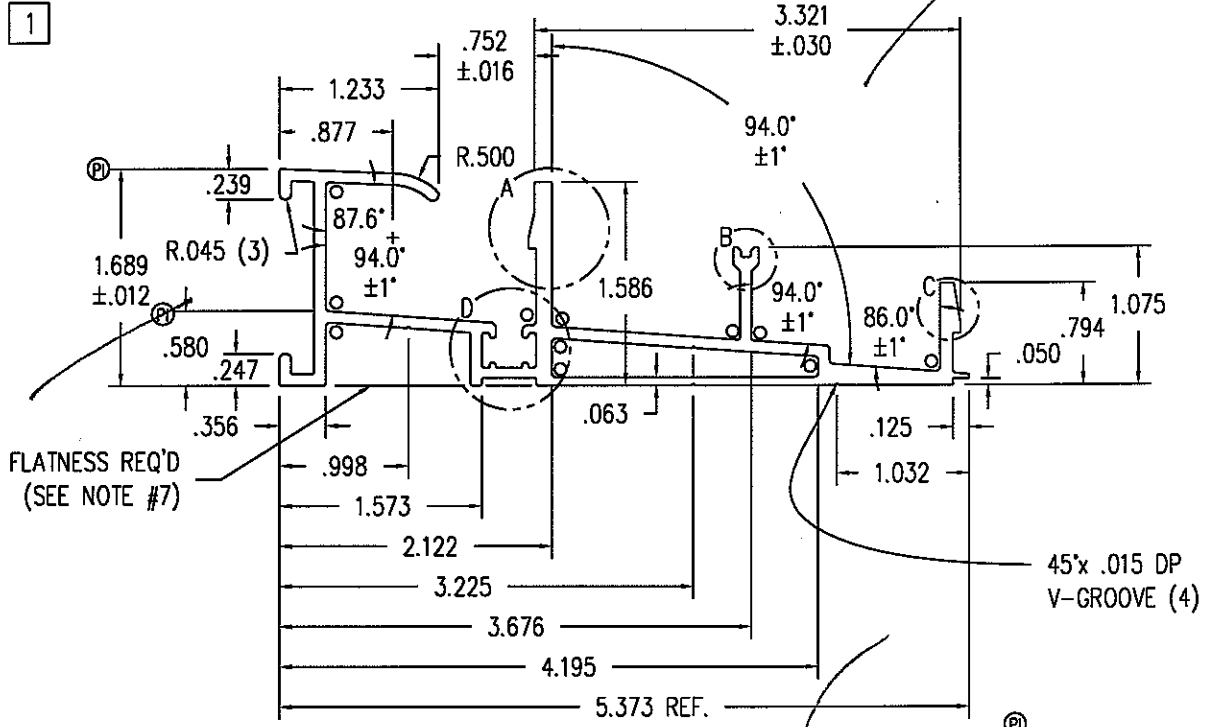
Report# 82575, 82754
 Date 6/24/08 Tech TC

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TITLE:	INSWING HINGED DOOR 4 9/16" SILL CAP		
FINISH:	DARK BRONZE ANODIZED		
MATL:	6063 T-6 ALUMINUM		
DFT:	AWW	SCALE:	1=1
DCN:	0794	DRWG:	A63P
DATE:	1/21/2003	A	01 OF 04

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$. o = .031 RADIUS
2. TYPICAL WALL = .090, UNLESS NOTED.
3. BREAK ALL CORNERS .015 UNLESS NOTED.
4. POLYURETHANE THERMAL CONDUCTIVITY VIA ASTM C-518 IS .0913 BTU/HR-FT-DEGREE.
5. TOTAL AREA (NOT INCLUDING BREAK) = 1.357 SQ. IN.
6. CLEAR ANODIZED PART NO. = # 70531, DARK BRONZE ANODIZED PART NO. = # 604598. 2
7. FLATNESS OF $\pm .004$ PER INCH OF PROFILE WIDTH REQUIRED. 1



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report # 82275 82254
Date 6/26/08 Tech TC

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TITLE:	1/S HINGED DOOR 4 9/16" SILL BASE THERMALLY BROKEN
FINISH:	CLEAR ANODIZED
MATL:	6063 T-6 ALUMINUM
DFT:	TWN
DCN:	0794
DATE:	6/16/2004
SCALE:	1=1 1/2
DRWG:	A659
A	01 OF 03

02	ADDED DARK BRONZE ANODIZED PART #	TWN	1054	11/1/06
01	ADDED NOTE #7	KJS	1013	3/15/06
NO	DESCRIPTION	DFT	DOC	DATE

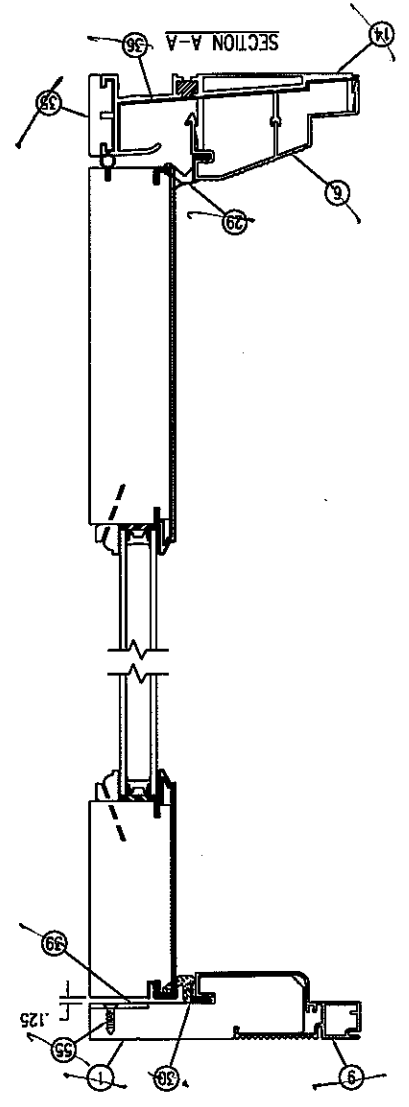
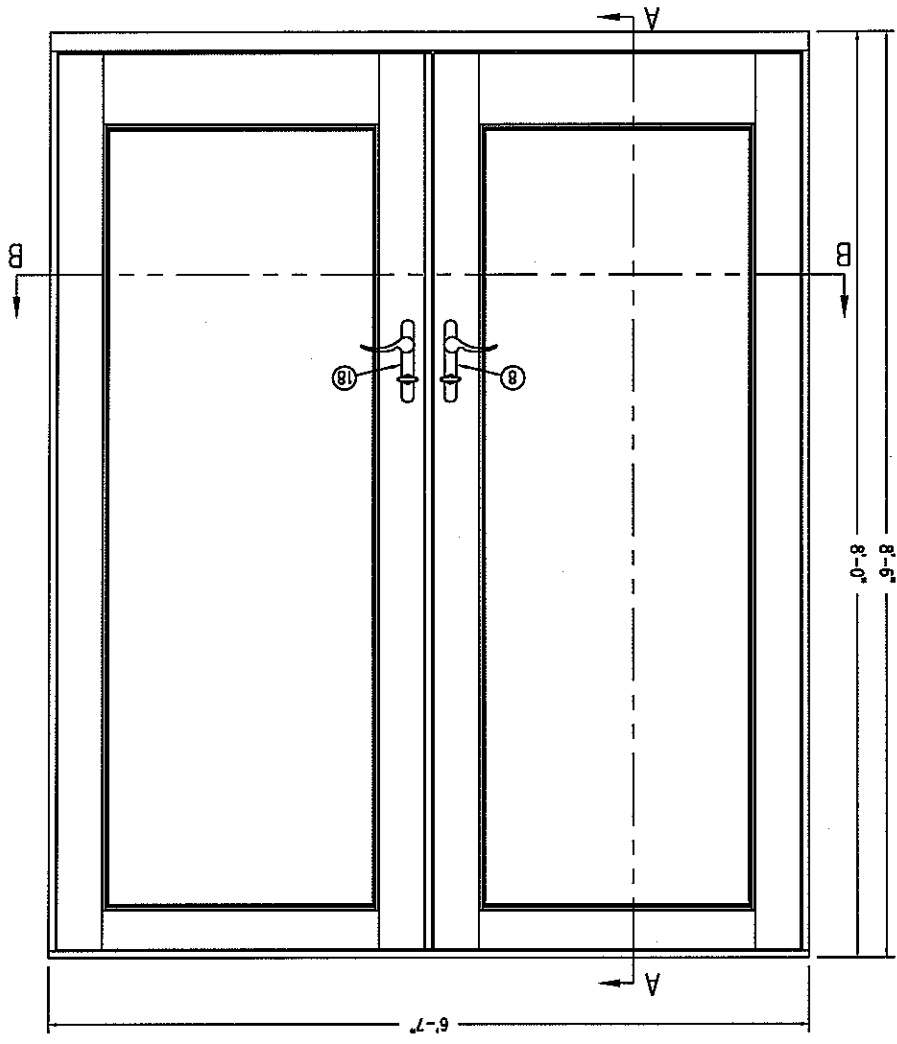
NO	DESCRIPTION	DFT	DOC	DATE
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C 01 OF 12				
TITLE: CAFD - DOUBLE DOOR (4 9/16" WALL) UNIT ASSEMBLY				
FINISH:				
MATERIAL:				
DCN: 030848 SCALE: 1=4				
DATE: 3/29/2008				
DRWG: 0710				
C 01 OF 12				

Report# 82575/82254
 Date 6/30/08
 Tech JL

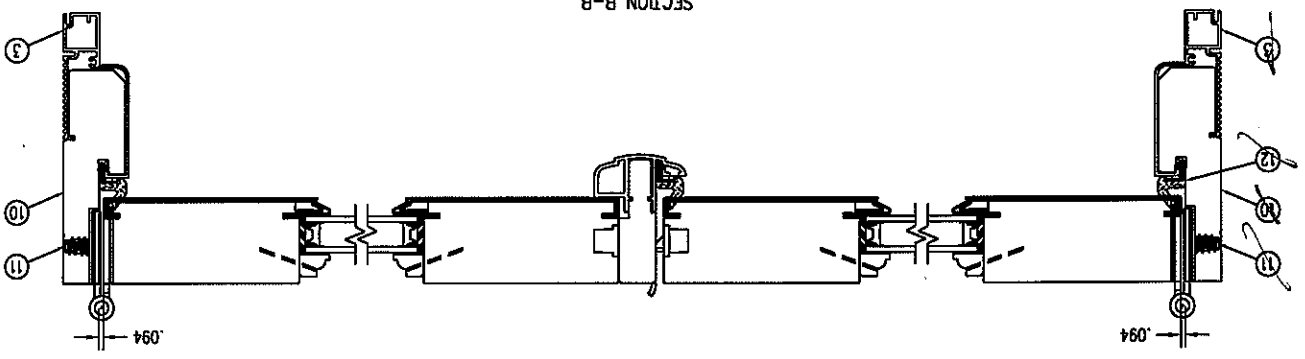
Test sample complies with these details.
 Deviations are noted.

Architectural Testing

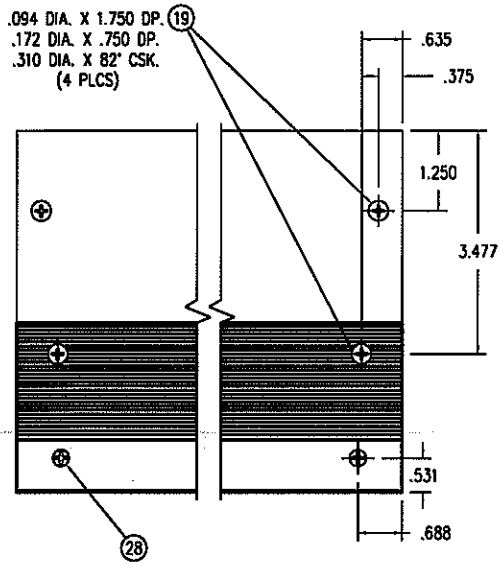
INTERIOR VIEW



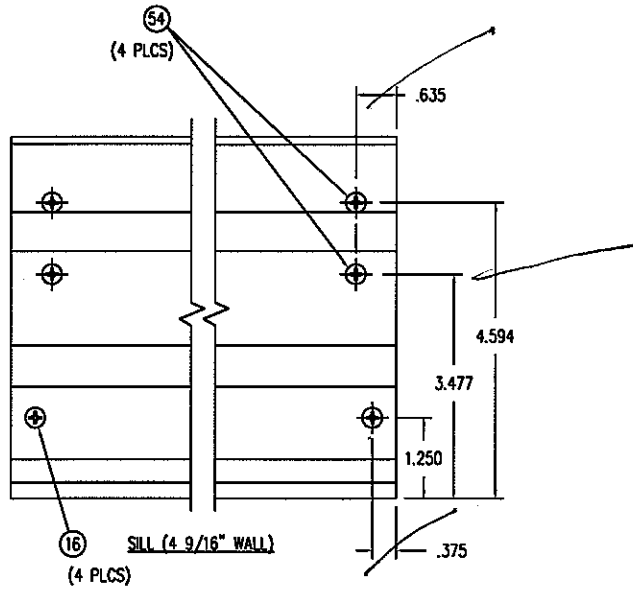
SECTION B-B



NOTE: ALL SCREW LOCATIONS TYPICAL.



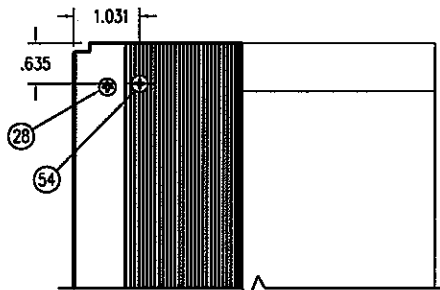
HEAD (4 9/16" WALL)



Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 82575, 82754
 Date 6/26/08 Tech TL



JAMB (4 9/16" WALL)

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TITLE: CAFBI - DOUBLE DOOR UNIT ASSEMBLY

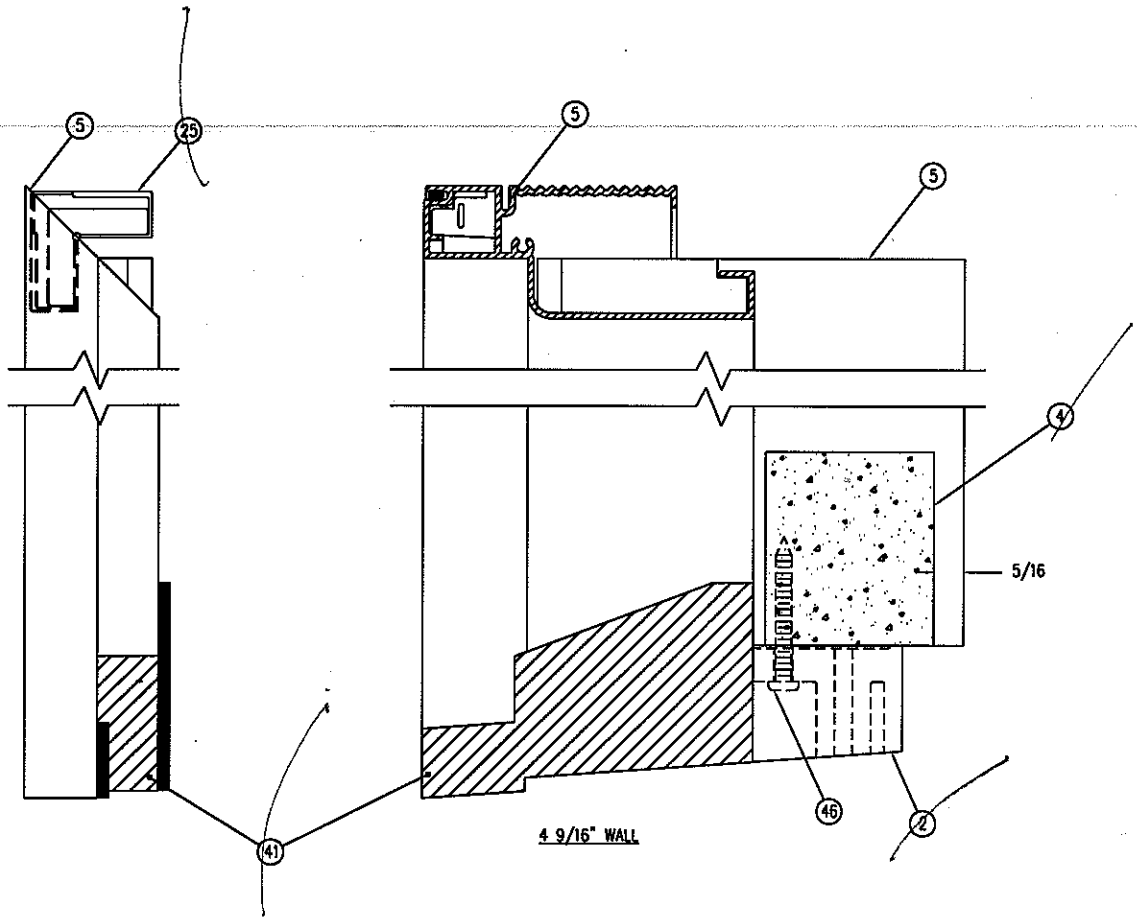
FINISH:

MATL:

DFT: a3064B SCALE: 1=3
 DCN: 0710 DRWG:
 DATE: 3/25/2008 C 02

NO	DESCRIPTION	DFT	DOC	DATE
				DATE: 3/25/2008 C 02

NOTE: 1. INSERT CORNER KEYS BEFORE APPLYING SEALANT.



Architectural Testing

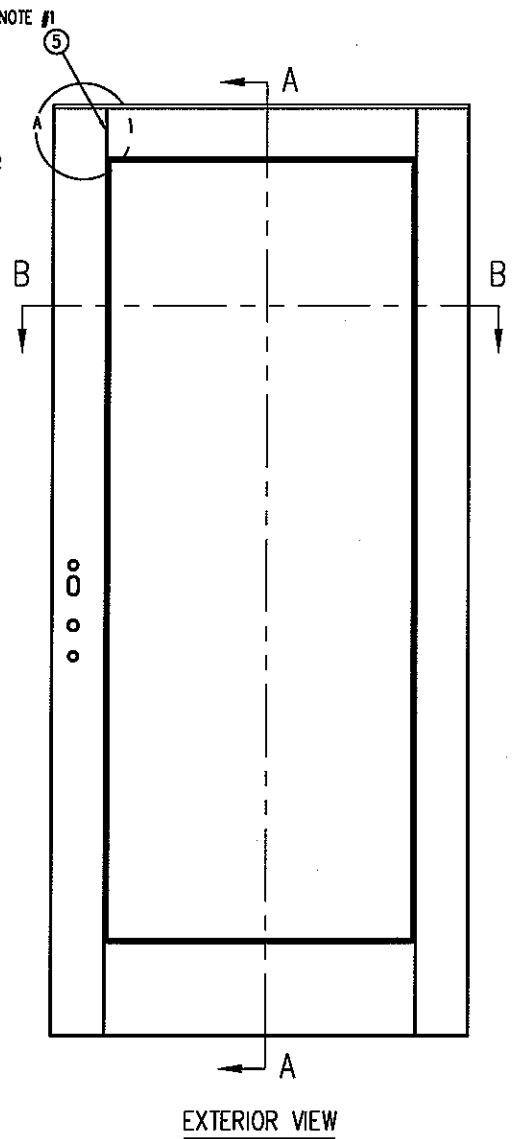
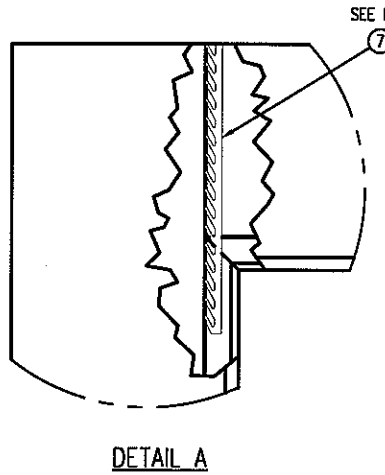
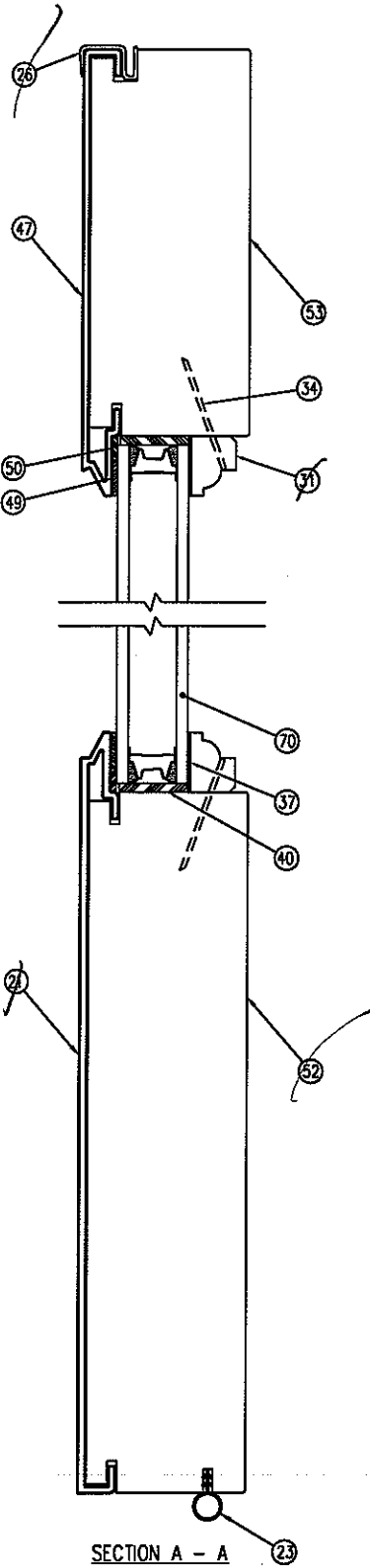
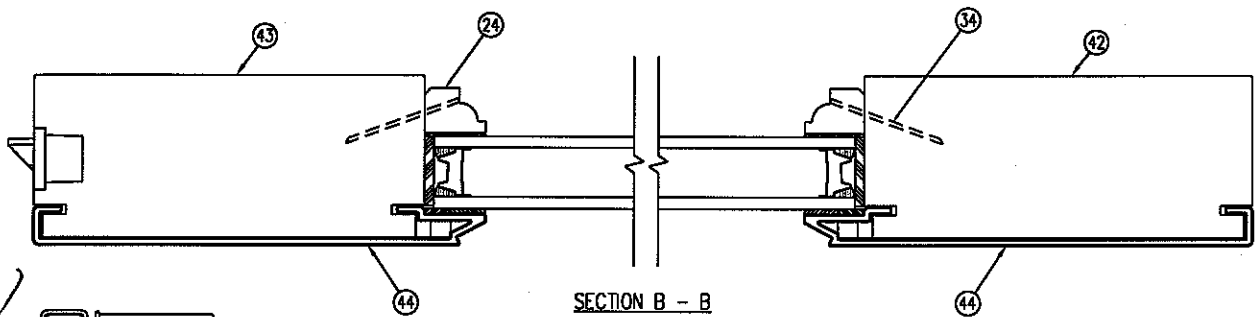
Test sample complies with these details.
Deviations are noted.

Report# 82575 82754
Date 6/26/02 Tech TL

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TITLE: CAFDI - DOUBLE DOOR UNIT ASSEMBLY	
FINISH:	
MATERIAL:	
DFI: a30648	SCALE: 1=2
DCN: 0710	DRWG:
DATE: 3/25/2008	C 03

NO	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. SILICONE OR BUTYL TAPE SEALANT MUST RUN ENTIRE LENGTH OF SEAM BETWEEN STILE AND RAIL CLADDING.
 2. ONE PANEL WEDGE GETS INSERTED AT EACH END OF STILES (4 TOTAL).



Architectural Testing

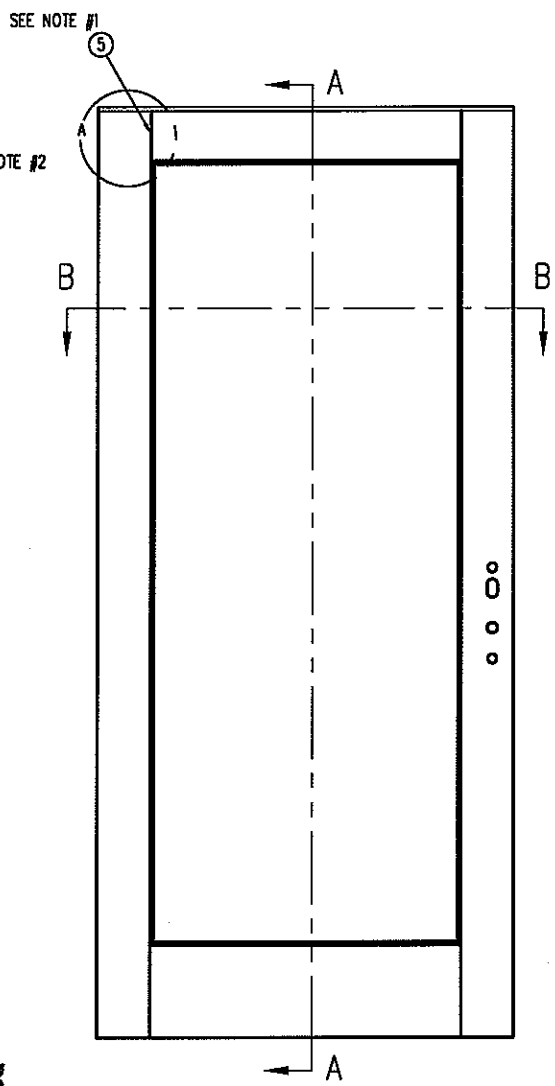
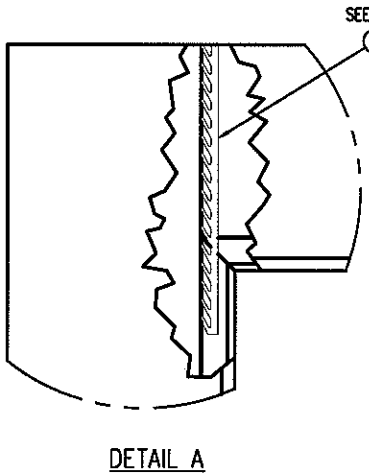
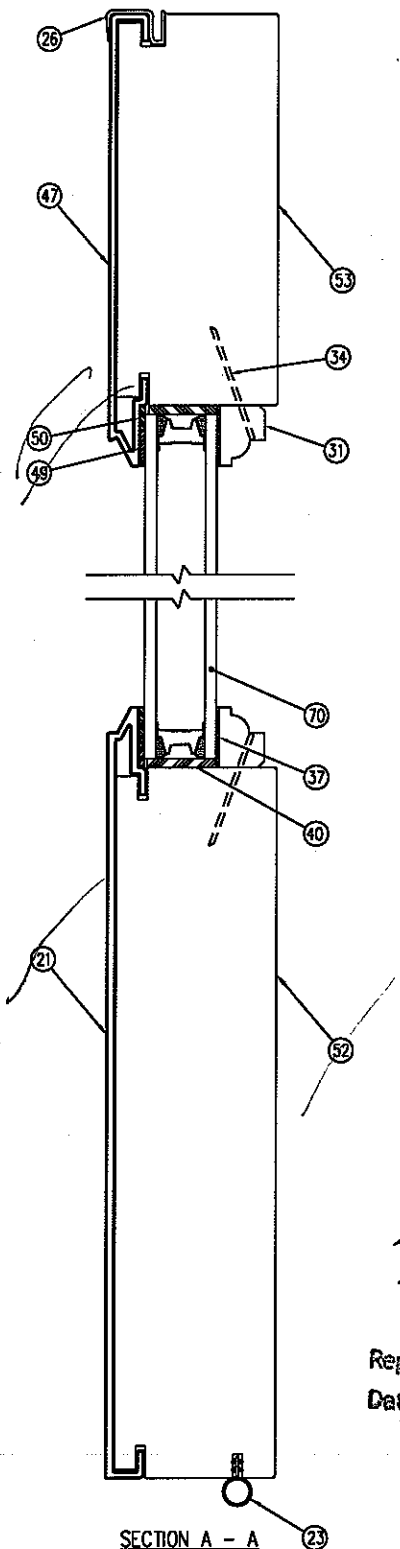
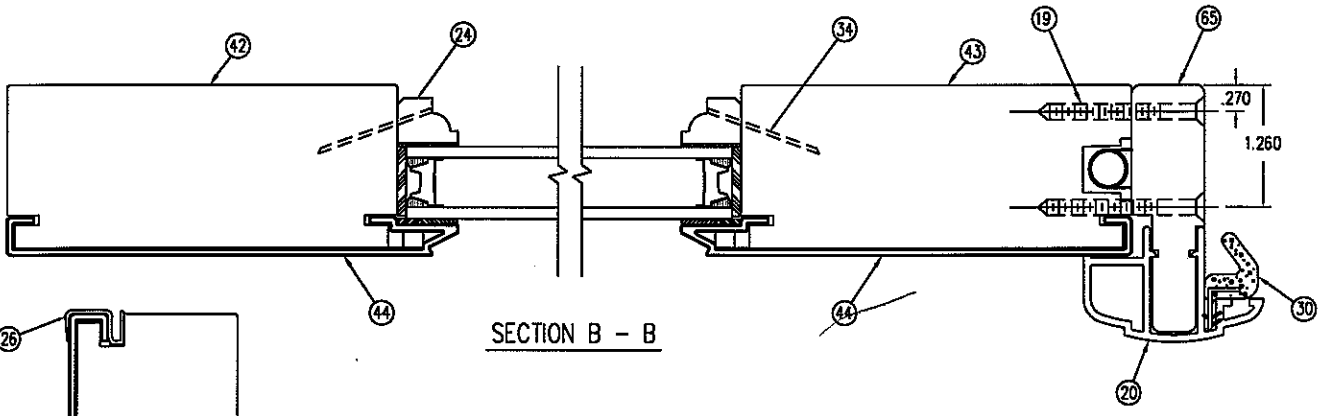
Test sample complies with these details.
 Deviations are noted.

Report# 92254 82575
 Date 6/26/08 Tech TL

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 EXPRESS WRITTEN PERMISSION OF EAGLE WINDOW & DOOR.
 TITLE: CAFDI - DOUBLE DOOR
 PANEL ASSEMBLY
 FINISH:
 MAIL:
 DFT: 030648 SCALE: 1=2
 DCN: 0710 DRWG:
 DATE: 3/25/2008 C 04

NOI	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. SILICONE OR BUTYL TAPE SEALANT MUST RUN THE ENTIRE LENGTH OF SEAM BETWEEN STILE AND RAIL CLADDING.
 2. ONE PANEL WEDGE GETS INSERTED IN EACH END OF THE STILES (4 TOTAL).



Architectural Testing

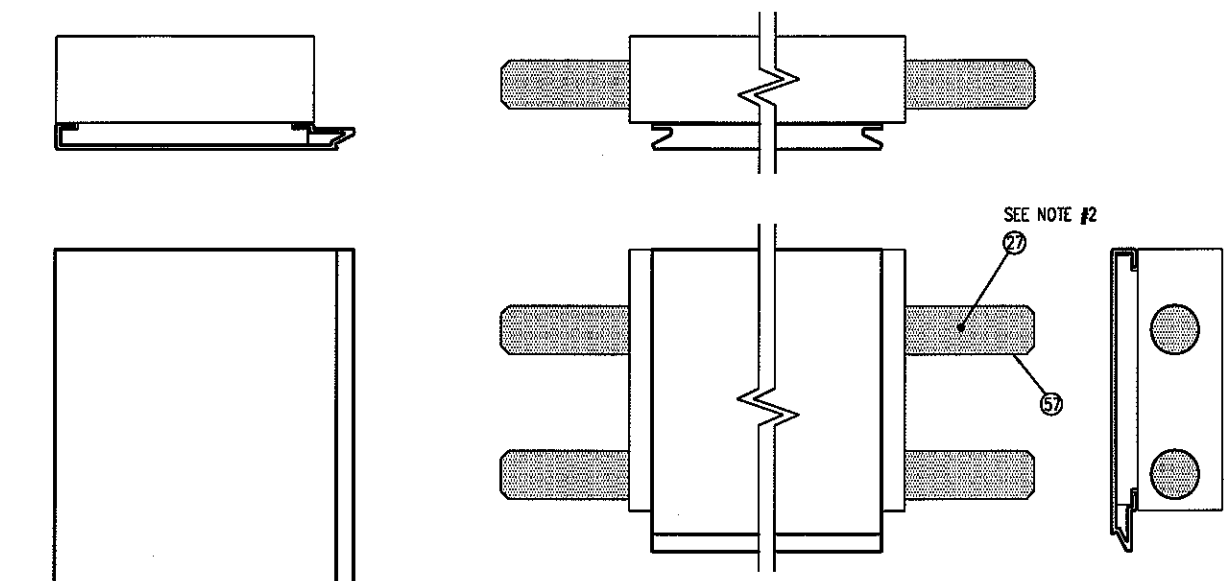
Test sample complies with these details.
 Deviations are noted.

Report# 82575, 82754
 Date 6/26/02 Tech TG

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TITLE: CAPDI - DOUBLE DOOR PANEL ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: 030648	SCALE: 1=2
DCN: 0710	DRWG:
DATE: 3/25/2008	C 05

NO	DESCRIPTION	DFT	DOC	DATE

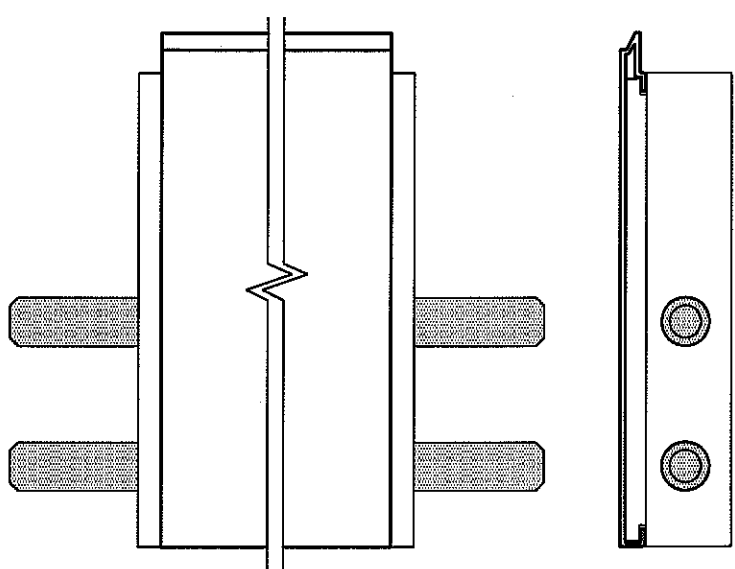
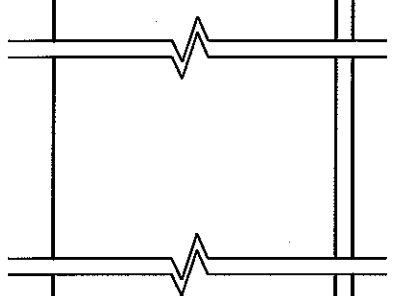
NOTE: 1. INJECT 1.75 CC OF GLUE INTO EACH RAIL HOLE AND INSERT DOWEL UNTIL FULLY SEATED.
 2. APPLY THIN COAT OF GLUE TO ENTIRE SURFACE OF STILE HOLE AND DOWEL PRIOR TO ASSEMBLING PANEL.



Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 82575, 82754
 Date 6/26/08 Tech T6



STILE

RAILS

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TITLE: CAFDI - DOUBLE DOOR
 PANEL ASSEMBLY

FINISH:

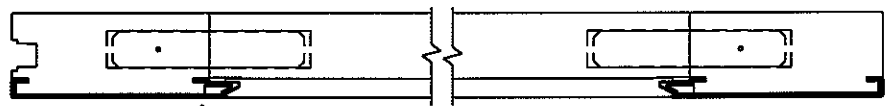
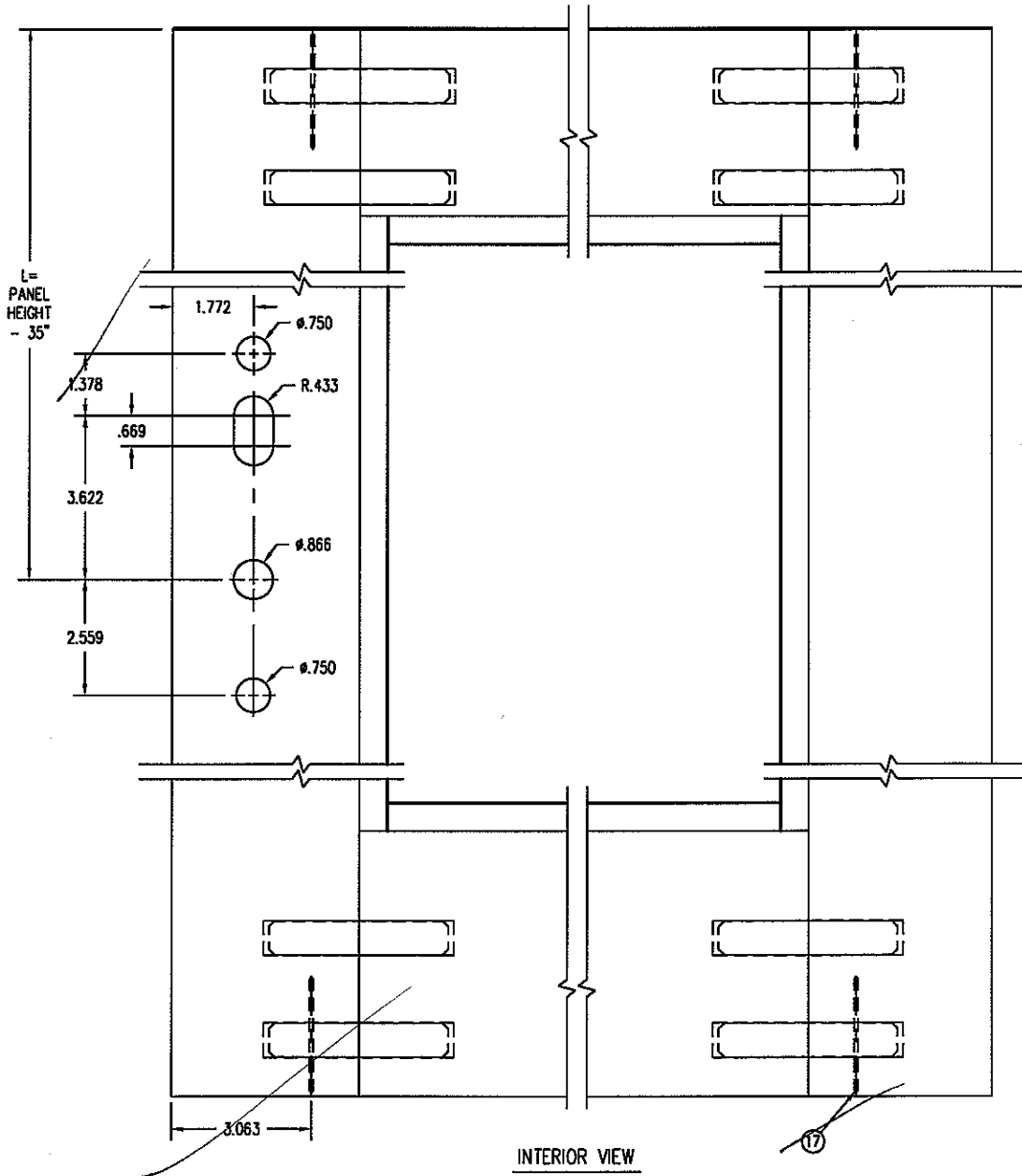
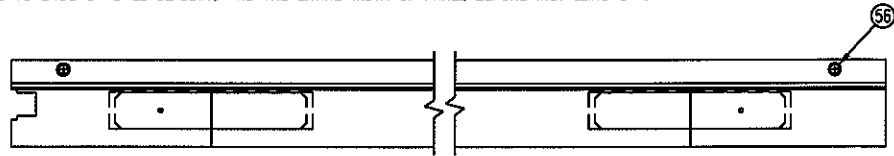
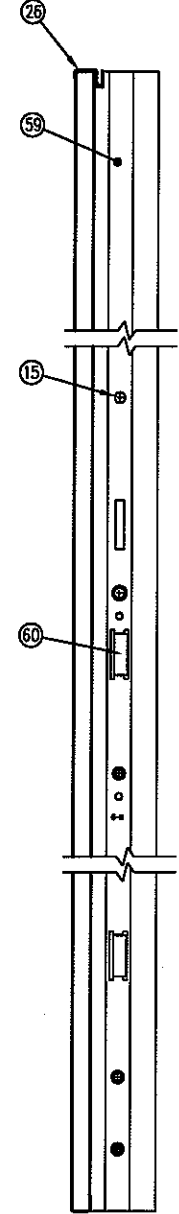
MATL:

DFT: a30648 SCALE: 1=3
 DCN: 0710 DRWG:

NO	DESCRIPTION	DFT	DOC	DATE
				DATE: 3/25/2008 C 06

NOTE: 1. A BEAD OF SILICONE SEALANT MUST BE APPLIED TO ENDS OF STILE CLADDING AND THE ENTIRE WIDTH OF PANEL BEFORE INSTALLING CAP.

SEE NOTE #1



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# 82575, 82754
Date 6/26/08 Tech TL

FRAME	PANEL	L
80	77 3/16	42 3/16
82	79 3/16	44 3/16
84	81 3/16	46 3/16
96	93 3/16	58 3/16

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TITLE: CAFDI - DOUBLE DOOR PANEL ASSEMBLY

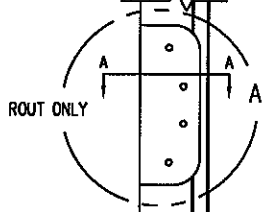
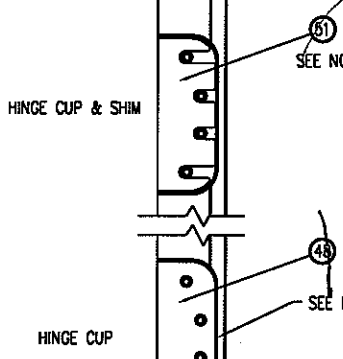
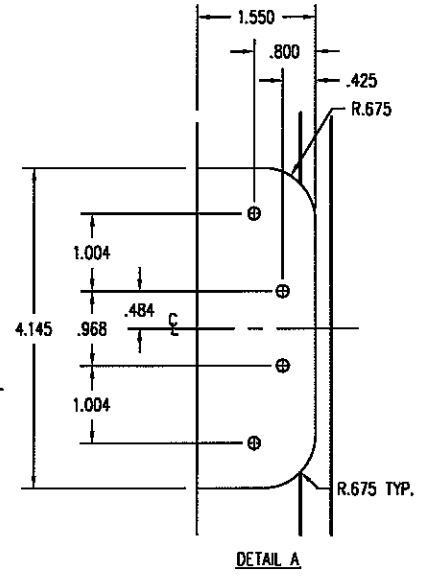
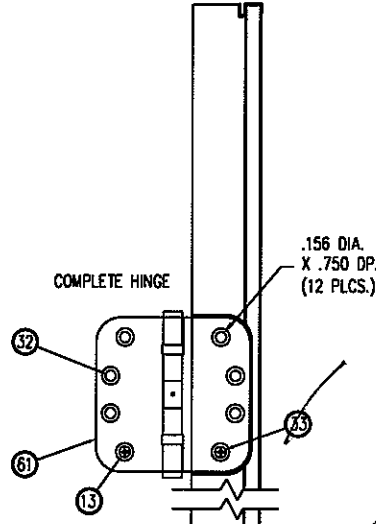
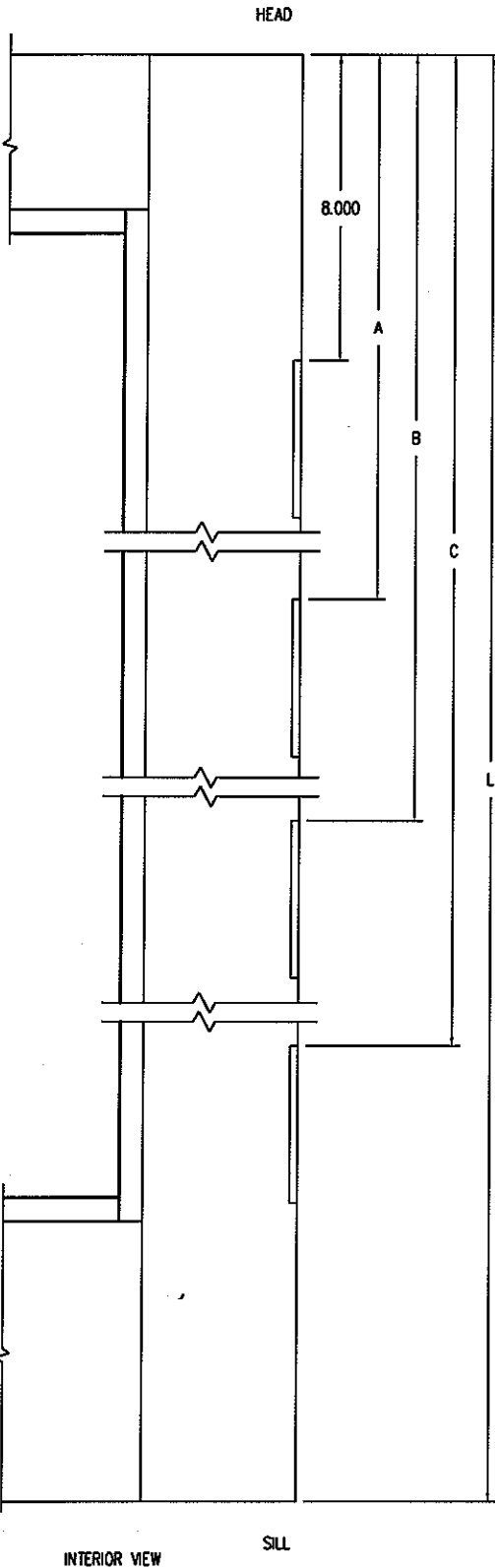
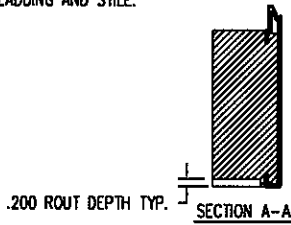
FINISH:

MAIL:

DFT: 030648 SCALE: 1=4
DCN: 0710 DRWG:
DATE: 3/25/2008 C 07

NO	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. PLACE ONE .062 SHIM IN EACH CUP.
 2. CUP TO BE BEDDED IN SILICONE TO ENSURE SEAL BETWEEN CLADDING AND STILE.



Architectural Testing
 Test sample complies with these details.
 Deviations are noted.
 Report# 92575 92764
 Date 6/26/08 Tech 6

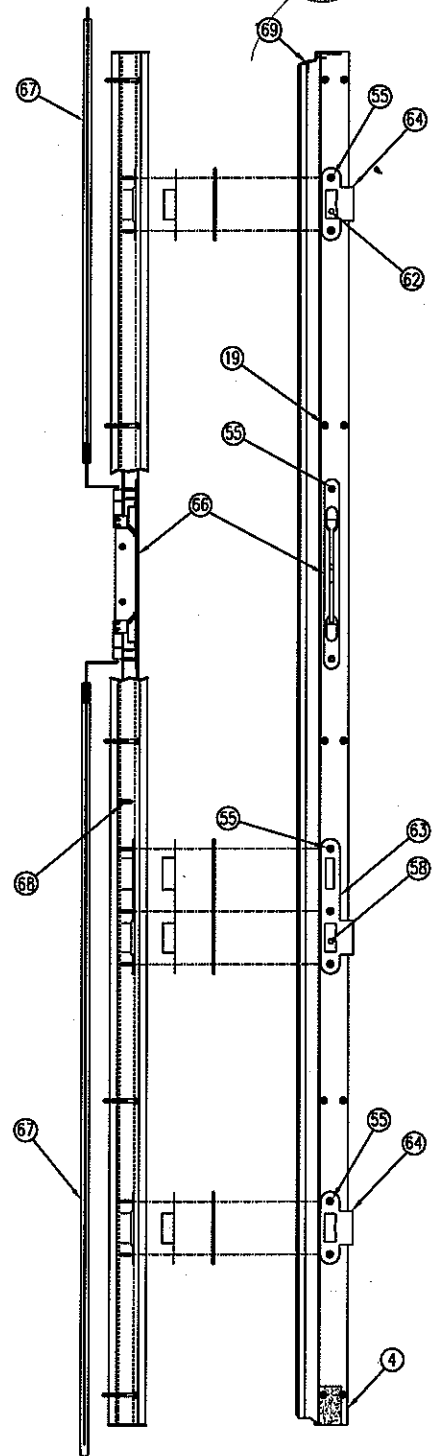
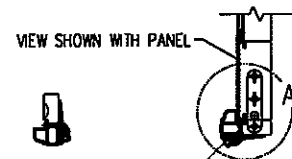
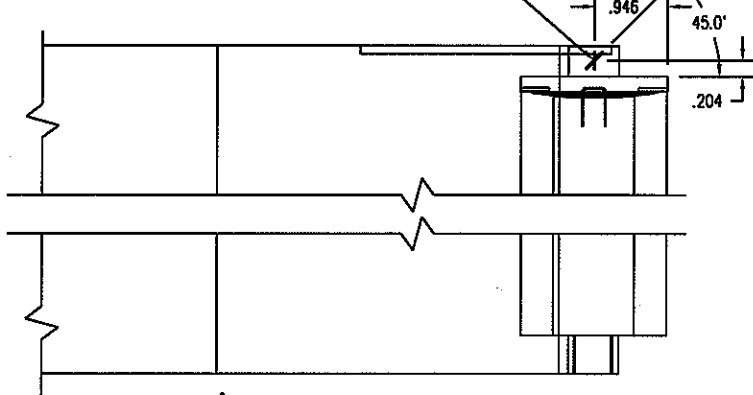
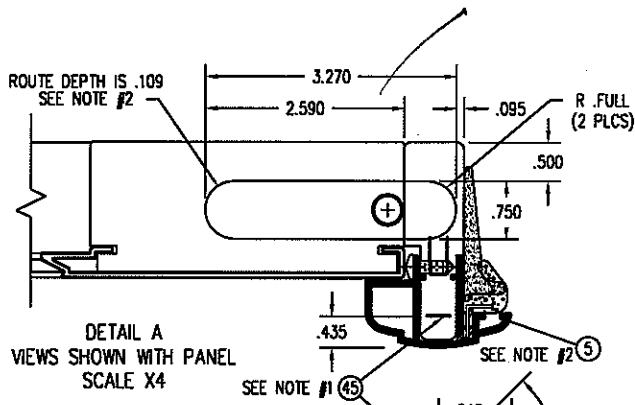
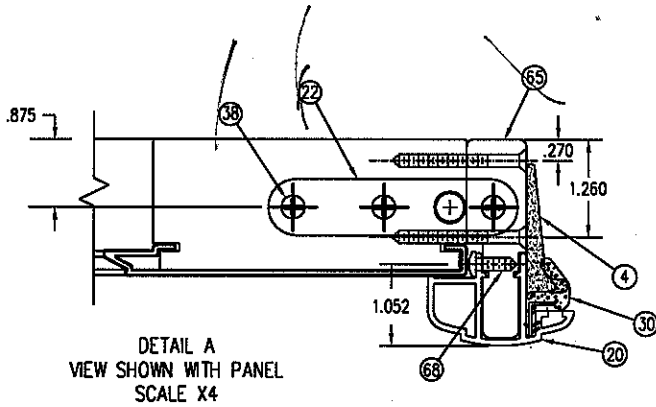
FRAME HEIGHT	A	B	C	L
80	36.521	65.043		77 3/16
82	37.521	67.043		79 3/16
84	38.521	69.043		81 3/16
96*	32.348	56.696	81.043	93 3/16

* UNITS 90" AND OVER TO RECEIVE 4 HINGES

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 TITLE: CAFDI - DOUBLE DOOR PANEL ASSEMBLY
 FINISH:
 MATL:
 DFT: 630648 SCALE: 1=5
 DCN: 0710 DRWG:
 DATE: 3/25/2008 C 08

NO	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. PLASTIC COVER TO BE HELD IN PLACE WITH STAPLES.
 2. SEALANT IS APPLIED TO ASTRAGAL.



 Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 82575, 82754
 Date 6/26/09 Tech TG

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TITLE: CAFDI - DOUBLE DOOR INACTIVE PANEL ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: 630648	SCALE: NONE
DCN: 0710	DRWG:
DATE: 3/25/2008	C 09

NO.	DWG. NO.	PART DESCRIPTION	QUANTITY	MATERIAL	SUPPLIER
1	221M	HEAD JAMB	1	WOOD	PAC. WOOD LAMINATES
2	A656	JAMB RISER BLOCK	2		LAKE COUNTRY SALES
3	A63V	4 9/16" WALL JAMB CLADDING	2	ALUMINUM	BONNELL
4	A58N	2" FOAM CORNER PAD	2		EN DURA
5	A030	SILICONE SEALANT	AS REQUIRED	SILICONE	DOW CORNING
6	A01A	SEALANT BUTYL TAPE	AS REQUIRED	BUTYL RUBBER	PTI INC.
7	A63P	CFDI 4 9/16" SILL CAP	1	ALUMINUM	BONNELL
8	A699	PANEL WEDGE	4	NYLON	LAKE COUNTRY SALES
9	A395	GU HANDLE ASSEMBLY	1		GU
10	A63W	4 9/16" WALL HEAD CLADDING	1	ALUMINUM	PRIES
11	221M	SIDE JAMB	1	WOOD	EAGLE WINDOW & DOOR
12	A05X	#10-24 THREADED INSERT	1		ABILITY FASTENERS
13	A62G	FRAME WEATHERSTRIP	2		SCHLEGEL
14	A39A	#10-24 x 5/8" FH. MS. (HINGE TO THREADED INSERT)	AS REQUIRED		ABILITY FASTENERS
15	A659	4 9/16" SILL BASE	1	ALUMINUM	BONNELL
16	A39W	#7 x 1 1/4" FHMS S.S.	AS REQUIRED		ABILITY FASTENERS
17	A517	TOP & BOTTOM LATCH STRIKE	2		FPL
18	A43D	2 1/2" BRAD .077 DIA.	4	GALVANIZED STEEL	CARLSON
19	A28T	#8 x 2 1/2" FHMS	4	STEEL	ABILITY FASTENERS
20	A02E	#8 x 1 3/4" FHWS Z & Y	AS REQUIRED	STEEL	SILLCVRSR
21	A518	CENTER STRIKE PLATE (LATCH & DEADBOLT)	1		FPL
22	A64K	8" BOTTOM RAIL CLADDING	1	ALUMINUM	PRIES
23	A47A	DUST CUP FOR T & B LATCH STRIKE	2		LAKE COUNTRY SALES
24	A661	LOWER PANEL WEATHERSTRIP	1		SCHLEGEL
25	220J	VERTICAL COLONIAL GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
26	A100	NYLON CORNER KEY	2		LAKE COUNTRY SALES
27	A49X	PANEL CAP	1	ALUMINUM	BONNELL
28	A01D	WOOD ADHESIVE	AS REQUIRED	COPOLYMER	NATIONAL CASEIN
29	A11K	#8 x 7/16" #6 HEAD FHMS S.S.	4		ABILITY FASTENERS
30	A59Y	SILL WEATHERSTRIP	1		AMESBURY FOAMTITE
31	A62G	FRAME WEATHERSTRIP	1		SCHLEGEL
32	220N	HORIZONTAL COLONIAL GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
33	A515	#12 x 2 1/2" FHWS S.S.	AS REQUIRED		ABILITY FASTENERS
34	A516	#12 X 1 1/2 FH. WS. (FPL)	AS REQUIRED		ABILITY FASTENERS
35	A40F	1 1/4" 18GA HARD STL BRAD	AS REQUIRED	STEEL	PACKAGING INC.
36	2225	OAK SILL TRIM	1		EAGLE WINDOW & DOOR
37	A52X	4 9/16" SILL FOAM TAPE	2		CLIM-A-TECH
38	A264	ADHESIVE TAPE	2	POLYETHYLENE	ADHESIVE RESEARCH
39	A49P	COMMERCIAL HINGE	AS REQUIRED		FPL
40	A38E	GU CENTER GEAR	1		GU
41	A00E	GLASS SETTING BLOCK, NEOPRENE	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
42	A622	4 9/16" SILL JAMB FOAM PAD	2		CLIM-A-TECH
43	20D6	4 11/16" HINGE STILE	2	WOOD	PAC. WOOD LAMINATES
44	20DB	4 11/16" LOCK STILE	2	WOOD	PAC. WOOD LAMINATES
45	A613	4 11/16" STILE CLADDING	2	ALUMINUM	PRIES
46	A38M	G-U TOP EXTENSION	AS REQUIRED		GU
47	A67F	#8 X 1 1/2" PHMS S.S.	1		ABILITY FASTENERS
48	A613	4 11/16" TOP RAIL CLADDING	1	ALUMINUM	PRIES
49	A47K	HINGE CUP	AS REQUIRED		LAKE COUNTRY SALES
50	A01A	SEALANT BUTYL TAPE	AS REQUIRED	BUTYL RUBBER	PTI INC.
51	A08K	GLAZING SHIM	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
52	A47J	HINGE SHIM	AS REQUIRED		LAKE COUNTRY SALES
53	20DJ	8" BOTTOM RAIL	1	WOOD	PAC. WOOD LAMINATES
54	20D6	4 11/16" TOP RAIL	1	WOOD	PAC. WOOD LAMINATES
55	A243	#6 X 1" FH. ES.	AS REQUIRED		ABILITY FASTENERS
56	A00R	#7 X 5/8" FHMS S.S.	AS REQUIRED		ABILITY FASTENERS
57	A00T	#7 X 7/8" FHWS S.S.	AS REQUIRED		DECO PRODUCTS CO.
58	20A4	WOOD DOWEL	AS REQUIRED	WHITE BIRCH	EXCEL DOWEL
59	A469	CENTER STRIKE DUST CUP	1		LAKE COUNTRY SALES
60	A019	3/4" INSULATED GLASS	1	GLASS	CARDINAL IG
61	H-40	5/8" BETWEEN GLASS MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
62	P/PPD	1" CONTOUR MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
63	220H	1 1/2" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
64	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
65	A507	1 1/2" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
66	A67X	1 1/2" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
67	A67L	1 1/2" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
68	220H	1 1/2" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
69	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
70	A507	1 1/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
71	A67W	1 1/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
72	A67R	1 1/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
73	220H	7/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
74	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
75	A507	7/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
76	A67T	7/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
77	A67N	7/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
78	20FA	5/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
79	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
80	A72D	5/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	COLONIAL CRAFT
81	A75M	5/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
82	A75M	5/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
82	N/A	ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	CARDINAL IG



Architectural Testing

Test sample completed with these details.
Dimensions are correct.

Report# 82754, 82575, 82743

Date 7-11-08 Tech m.g.

TITLE: CAFDI - SINGLE UNIT ASSEMBLY

FINISH:

MATL:

DFT: KJS SCALE: 1=1

DCN: 0710 DRWG: 056G

NO | DESCRIPTION | DFT | DOC | DATE | DATE: 3/25/04 C 09

NO.	DWG. NO.	PART DESCRIPTION	QUANTITY	MATERIAL	SUPPLIER
47	A613	4 11/16" TOP RAIL CLADDING	1	ALUMINUM	PRIES
48	A47K	HINGE CUP	AS REQUIRED		LAKE COUNTRY SALES
49	A01A	SEALANT BUTYL TAPE	AS REQUIRED	BUTYL RUBBER	PTI INC.
50	A08K	GLAZING SHIM	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
51	A47J	HINGE SHIM	AS REQUIRED		LAKE COUNTRY SALES
52	20DJ	8" BOTTOM RAIL	1	WOOD	PAC. WOOD LAMINATES
53	20D6	4 11/16" TOP RAIL	1	WOOD	PAC. WOOD LAMINATES
54	A243	#6 X 1" FH. ES.			ABILITY FASTENERS
55	A00R	#7 X 5/8" FHMS S.S.	AS REQUIRED		ABILITY FASTENERS
56	A00T	#7 X 7/8" FHWS S.S.	AS REQUIRED		DECO PRODUCTS CO.
57	20A4	WOOD DOWEL	AS REQUIRED	WHITE BIRCH	EXCEL DOWEL
58	A47B	ASTRAGAL DUST CUP	1		LAKE COUNTRY SALES
59	A38M	G-U TOP EXTENSION	AS REQUIRED		GU
60	A38E	GU CENTER GEAR	1		GU
61	A49P	COMMERCIAL HINGE	AS REQUIRED		FPL
62	A47A	DUST CUP FOR T & B LATCH STRIKE	2		LAKE COUNTRY SALES
63	A518	CENTER STRIKE PLATE (LATCH & DEADBOLT)	1		FPL
64	A517	TOP & BOTTOM LATCH STRIKE	2		FPL
65	2070	ASTRAGAL	1	WOOD	EAGLE WINDOW & DOOR
66	A03G	MORTISE DOOR BOLT	1		GU
67	A03H	TOP & BOTTOM SHOOT BOLT	2		GU
68	A04T	#8 x 1/2" PPH TEKS #2 SCREW			ABILITY FASTENERS
69	A04Y	ASTRAGAL FLAT PLATE	1		LAKE COUNTRY SALES
70	A019	3/4" INSULATED GLASS	1	GLASS	CARDINAL IG
71	H-40	5/8" BETWEEN GLASS MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
72	P/PD	1" CONTOUR MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
73	220H	1 1/2" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
74	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
75	A507	1 1/2" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
76	A67X	1 1/2" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
77	A67L	1 1/2" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
78	220H	1 1/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
79	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
80	A507	1 1/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
81	A67W	1 1/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
82	A67R	1 1/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
83	220H	7/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
84	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
85	A507	7/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
86	A67T	7/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
87	A67N	7/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
88	20FA	5/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
89	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
90	A72D	5/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	COLONIAL CRAFT
91	A75N	5/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
92	A75M	5/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
93	N/A	ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	CARDINAL IG



Test sample complies with these details.
Deviations are noted.

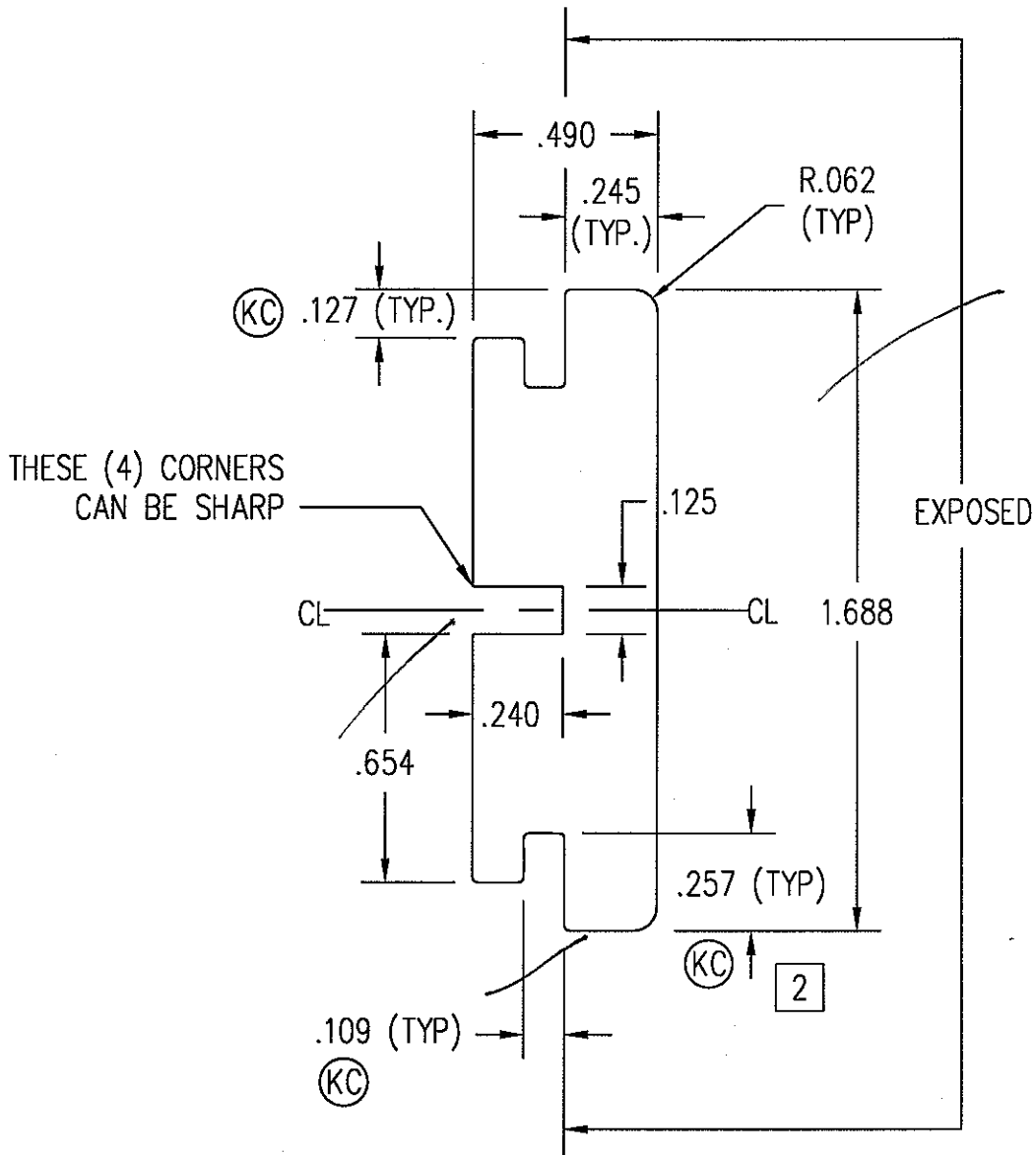
Report# 82754, 82575, 82743

Date 7-11-08 Tech MB

TITLE: CAFDI - DOUBLE UNIT ASSEMBLY	
FINISH:	
MATL:	
DFT: KJS	SCALE: 1=1
DCN: 0710	DRWG: 056H
DATE: 3/25/08	C 12

NO	DESCRIPTION	DFT	DOC	DATE
----	-------------	-----	-----	------

NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
 2. BREAK ALL CORNERS $.015$, UNLESS NOTED.



Architectural Testing

Test sample complies with these details:
 Deviations are noted

Report# 82575, 82254

Date 6/26/02 Tech AK

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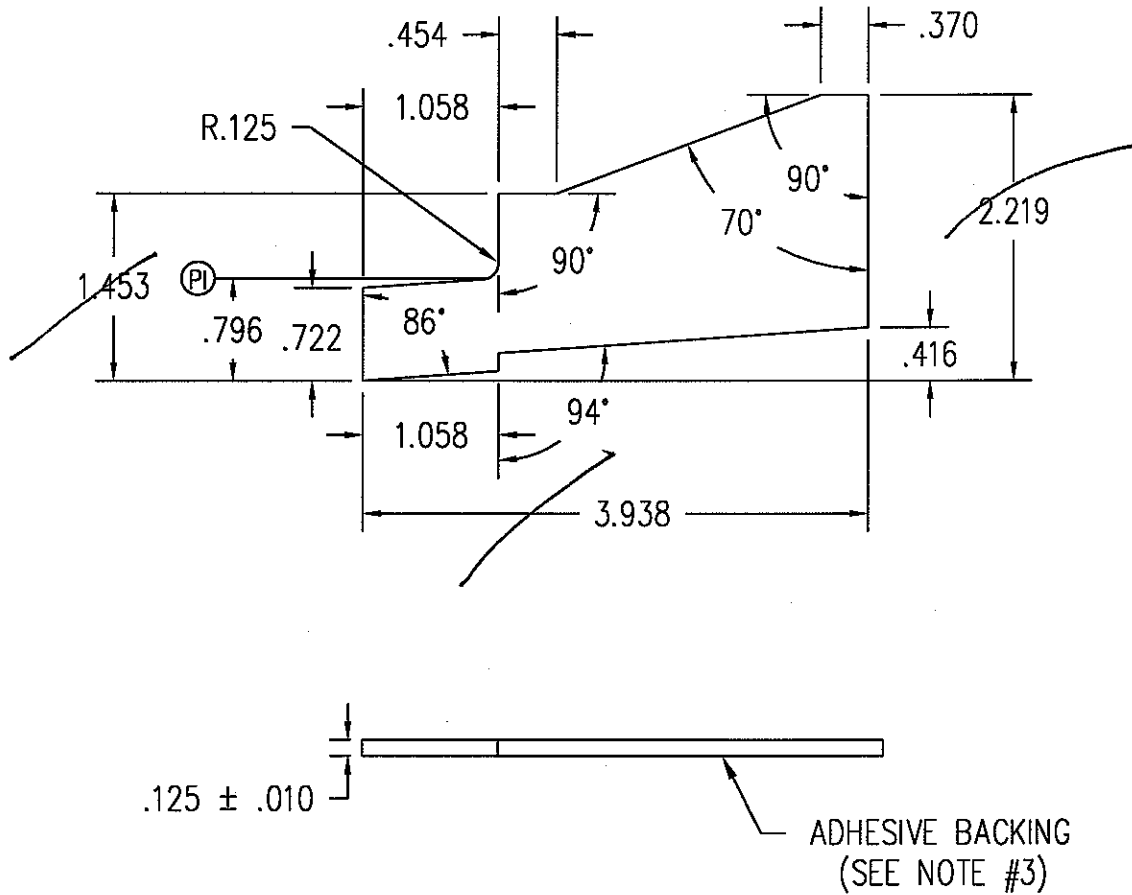
TITLE: INSWING DOOR
 INTERIOR SILL TRIM

FINISH:

MATL: OAK

02	CHG'D DIM. FROM .247 TO .257	TWN	1022A	7/31/06	DFT: AWW	SCALE: 2=1
01	MADE PROFILE SYMMETRICAL	AWW	1022	5/17/06	DCN: 0794	DRWG: 2225
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 4/14/2003	A 01 OF 02

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.030 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
2. APPROVED VENDOR: CLIM-A-TEK.
3. "A2" PRESSURE SENSITIVE ADHESIVE. 1
4. LEFT & RIGHT REQUIRED (1 EA. PER DOOR), LEFT SHOWN.
5. PART NO: 80236



Test sample complies with these details.
Deviations are noted.

Report# 92575 82754
Date 6/26/07 Tech TF

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TITLE: 4 9/16" SILL JAMB SIDE PAD

FINISH:

MATL: BLACK 11# PVC FOAM

DFT: TWN

SCALE: 1=1 1/2

01 CHANGED ADHESIVE NOTE

TWN 1125 8/15/07

DCN: 0794

DRWG: A622

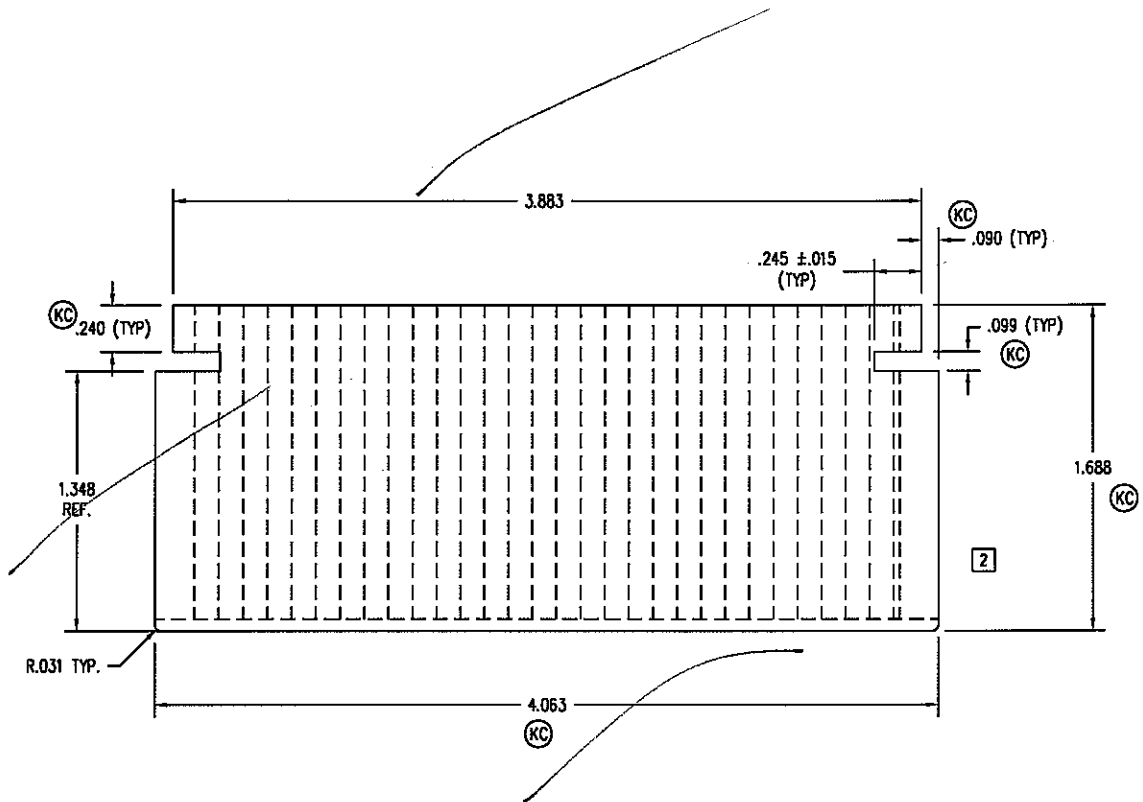
NO DESCRIPTION

DFT DOC DATE

DATE: 9/24/2003

A 01 OF 01

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.010 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
2. NO TELEGRAPHING (VISIBILITY) OF CORE GLUE JOINTS THROUGH ANY EXPOSED VENEER SURFACE IS ALLOWED.
3. ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN STAIN GRADE FINAL PRODUCT (i.e.; UNFINISHED, CLEAR FINISHED, STAINED, OR STAINED AND CLEAR FINISHED) IS DEFINED ON DRAWING 200G.
- ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN PAINT GRADE FINAL PRODUCT (i.e.; INTERIOR PRIMED OR INTERIOR PAINTED) INCLUDES ANY OF THE FOLLOWING:
- A. AS DEFINED ON DRAWING 200G.
- B. EDGE GLUED, FINGER-JOINTED, OR EDGE GLUED AND FINGER JOINTED PINE (SUGAR AND/OR PONDEROSA). ALL GLUED JOINTS MUST BE ADHERED USING AN EXTERIOR GRADE TYPE I BOND ADHESIVE. BROWN AND BLUE STAIN PARTS ARE NOT PERMITTED. SINKER STOCK IS NOT PERMITTED. NO KNOTS OR PITCH POCKETS ARE ALLOWED ON EXPOSED SURFACES. LESS THAN OR EQUAL TO 10% OF MATERIAL IN UNEXPOSED AREA MAY HAVE SMALL (LESS THAN 1/4" DIA.), SOLID, TIGHT KNOTS AND SMALL PITCH POCKETS (LESS THAN 1/4" DIA. x 1/2" LENGTH).



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report: 92575 82754
Date: 6/26/00 Tech: JF



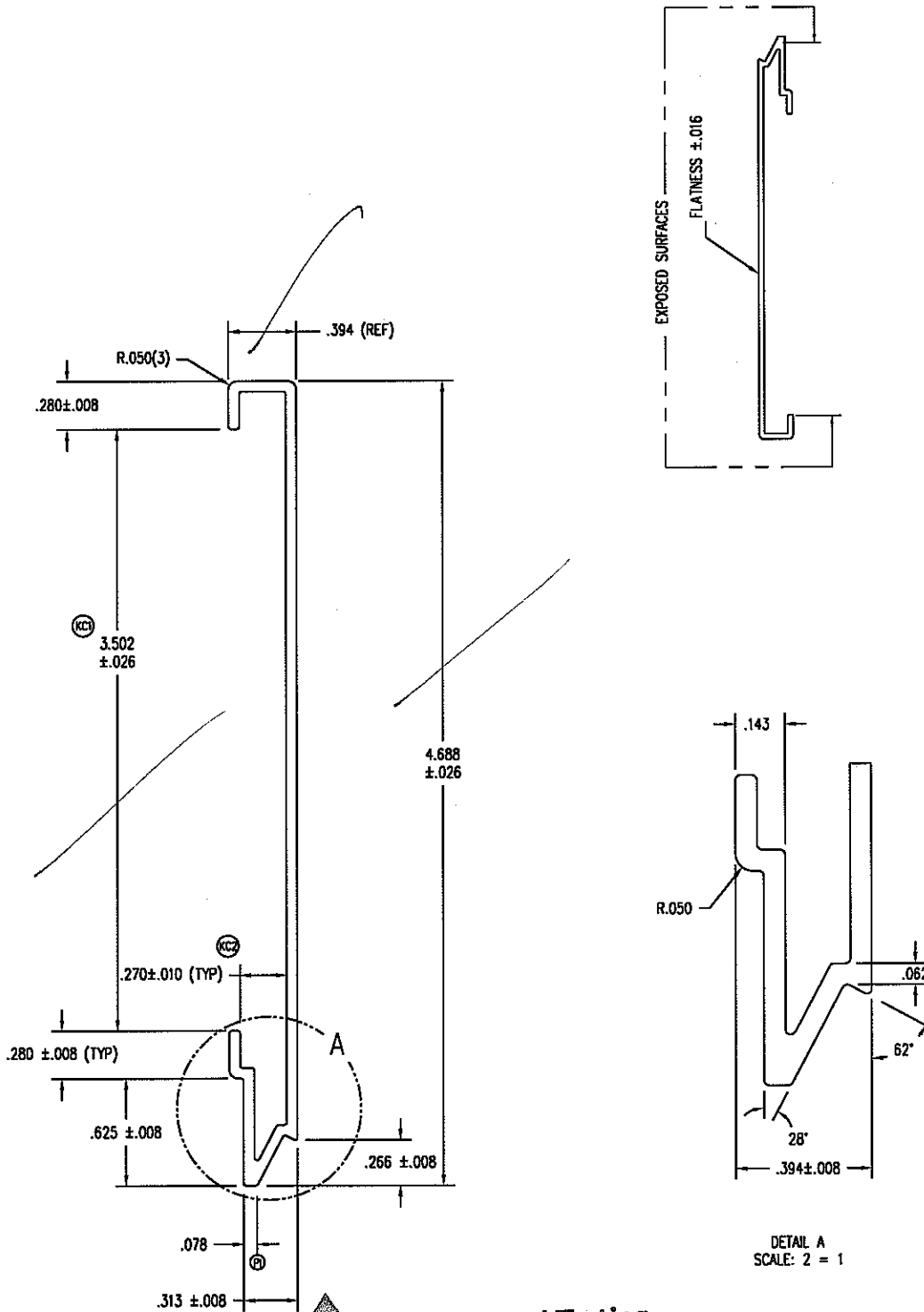
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TITLE: 4 11/16" STILE / RAIL

FINISH: PRESERVATIVE (SEE #A02)
ALSO (INT. A02)

NO	DESCRIPTION	DFT	DOC	DATE	DATE: 8/28/2003	C 01 OF 06
04	CHNG'D PROFILE	TWN	PRE	3/22/05	MATL: SEE NOTE #3	
03	1.04 (TYP) READ .086	AWW	PRE	10/18/04		
02	REMOVED ANGLE FROM GLASS SHELF	AWW	PRE	10/3/04	DFT: TWN SCALE: 1=1	
01	CHNG'D TO MATCH 20A1	AWW	PRE	6/28/04	DCN: 0736 DRWG: 20D6	

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
 2. WALL THICKNESS TO BE $.062$ UNLESS OTHERWISE SPECIFIED.
 3. ALL CORNERS TO BE $.015$ UNLESS OTHERWISE SPECIFIED.
 4. AREA = $.390$ SQ. IN.



Architectural Testing

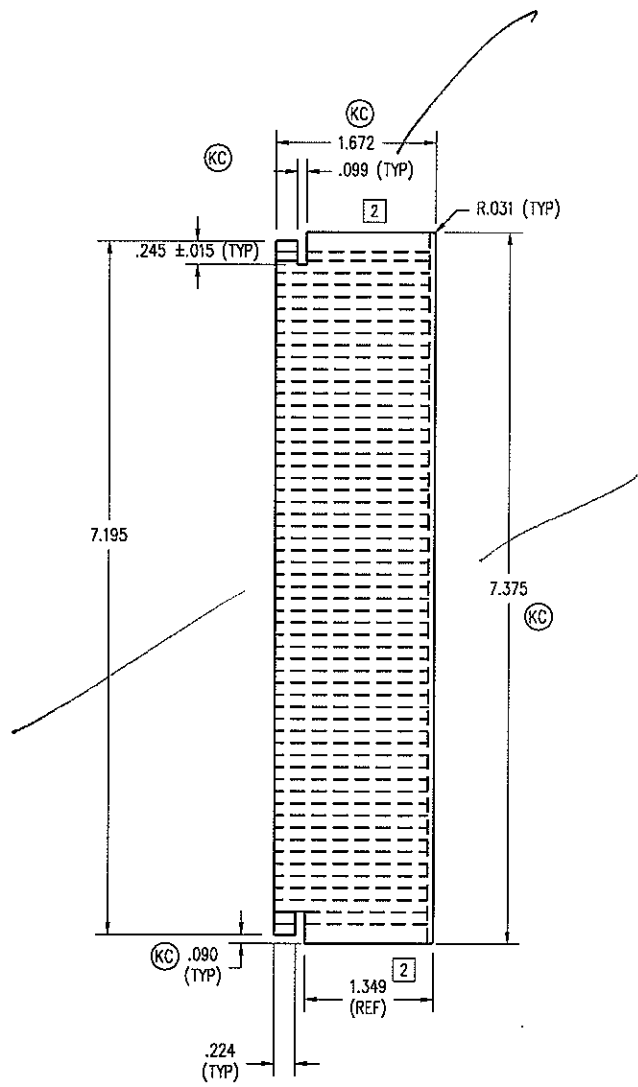
Test sample complies with these details.
 Deviations are noted.

Report# 82575, 82754
 Date 6/26/08 Tech JG

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TITLE: 4 11/16" PANEL CLADDING INTERLOCK FIT	
FINISH: EAGLE'S STD. COLORS	
MATERIAL: 6063 T-6 ALUMINUM	
DFT: AWW	SCALE: 1=1
DCN: 0794	DRWG: A613
NO: 7/14/2003	DATE: 7/14/2003 C 01 OF 06

NO	DESCRIPTION	DFT	DOC	DATE
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- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.10 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
2. NO TELEGRAPHING (VISIBILITY) OF CORE GLUE JOINTS THROUGH ANY EXPOSED VENEER SURFACE IS ALLOWED.
3. ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN STAIN GRADE FINAL PRODUCT (i.e.; UNFINISHED, CLEAR FINISHED, STAINED, OR STAINED AND CLEAR FINISHED) IS DEFINED ON DRAWING 20DR.
- ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN PAINT GRADE FINAL PRODUCT (i.e.; INTERIOR PRIMED OR INTERIOR PAINTED) INCLUDES ANY OF THE FOLLOWING:
- A. AS DEFINED ON DRAWING 20DR.
 - B. EDGE GLUED, FINGER-JOINTED, OR EDGE GLUED AND FINGER JOINTED PINE (SUGAR AND/OR PONDEROSA). ALL GLUED JOINTS MUST BE ADHERED USING AN EXTERIOR GRADE TYPE I BOND ADHESIVE. BROWN AND BLUE STAIN PARTS ARE NOT PERMITTED. SINKER STOCK IS NOT PERMITTED. NO KNOTS OR PITCH POCKETS ARE ALLOWED ON EXPOSED SURFACES. LESS THAN OR EQUAL TO 10% OF MATERIAL IN UNEXPOSED AREA MAY HAVE SMALL (LESS THAN 1/4" DIA.), SOLID, TIGHT KNOTS AND SMALL PITCH POCKETS (LESS THAN 1/4" DIA. x 1/2" LENGTH).



 **Architectural Testing**

Test sample complies with these details.
Deviations are noted.

Report# 92575782754
Date 6/26/08 Tech TG

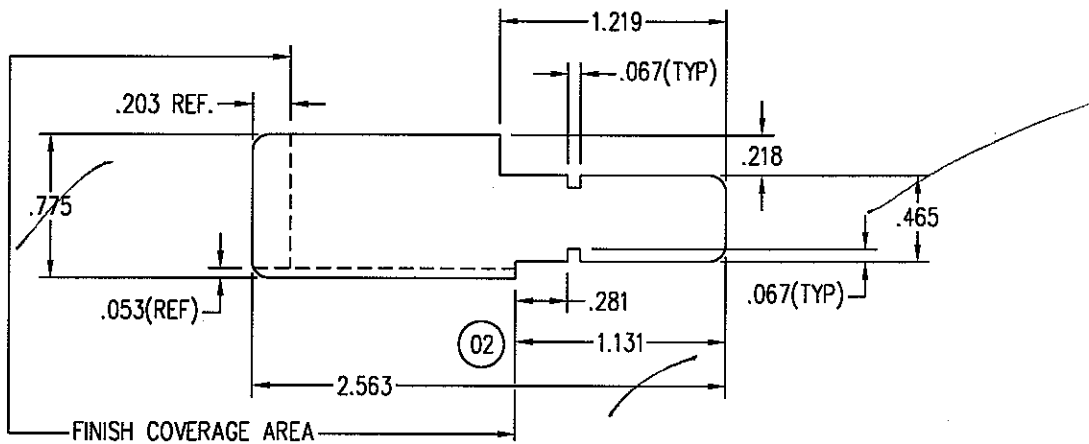
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TITLE: **B" BOTTOM RAIL**

FINISH: PRESERVATIVE (SEE A02J)
ALSO (INT. A02F)

04	CHNG'D PROFILE	TWN	PRE	3/22/05	MATL:	SEE NOTE #3
03	.073 WAS .056	AWW	PRE	10/18/04		
02	.015 WAS .094, RM'VD ANGLE	AWW	PRE	10/7/04	DFT:	TWN SCALE: 1=2
01	CHNG'D TO MATCH 20D9	AWW	PRE	6/30/2004	DCN:	0736 DRWG: 20DJ
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 3/31/2004	C 01 OF 02

- Note: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. +/- .005, FRACTION +/- 1/64, ANGLES +/- 1/2.
2. NO TELEGRAPHING (VISIBILITY) OF CORE GLUE JOINTS THROUGH ANY EXPOSED EDGE BAND SURFACE IS ALLOWED.
3. ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN STAIN GRADE FINAL PRODUCT (i.e.; UNFINISHED, CLEAR FINISHED, STAINED, OR STAINED AND CLEAR FINISHED) IS DEFINED ON DRAWING 21C9. ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN PAINT GRADE FINAL PRODUCT (i.e.; INTERIOR PRIMED OR INTERIOR PAINTED) INCLUDES ANY OF THE FOLLOWING:
- A. AS DEFINED ON DRAWING 21C9.
 - B. EDGE GLUED, FINGER-JOINTED, OR EDGE GLUED AND FINGER JOINTED PINE (SUGAR AND/OR PONDEROSA). ALL GLUED JOINTS MUST BE ADHERED USING AN EXTERIOR GRADE TYPE I BOND ADHESIVE. BROWN AND BLUE STAIN PARTS ARE NOT PERMITTED. SINKER STOCK IS NOT PERMITTED. NO KNOTS OR PITCH POCKETS ARE ALLOWED ON EXPOSED SURFACES. LESS THAN OR EQUAL TO 10% OF MATERIAL IN UNEXPOSED AREA MAY HAVE SMALL (LESS THAN 1/4" DIA.), SOLID, TIGHT KNOTS AND SMALL PITCH POCKETS (LESS THAN 1/4" DIA. x 1/2" LENGTH).



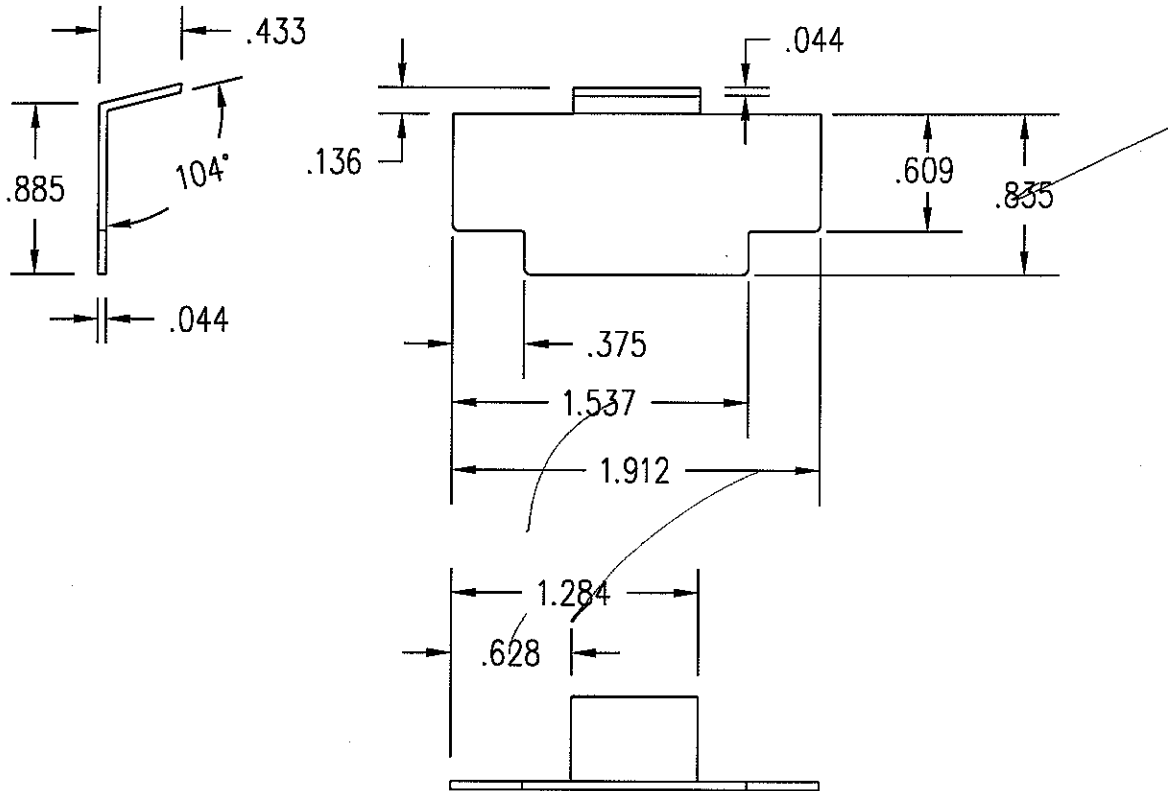
Architectural Testing

Test sample complies with these details.
Deviation: _____

Report# 82575 / 82754
Date 6/26/02 Tech TG

NO	Description of Change	Drafter	DCN#	Date																								
03	ADDED COVERAGE AREA, ADDED "PRESERVATIVE", AND CHANGED TITLE BLOCK	JH	0924	11/4/2004																								
02	.281, 1.131 WAS .250, 1.100	DJF	0355	9/23/1998																								
01	ADDED NOTES 2 & 3	BRL	0189	3/7/1995																								
<table border="1"> <tr> <td>Title:</td> <td>INSWING ASTRAGAL</td> <td>Finish:</td> <td>PRESERVATIVE</td> <td>Material:</td> <td>SEE NOTE #3</td> </tr> <tr> <td>Scale:</td> <td>1"=1"</td> <td>Date:</td> <td>9/17/1992</td> <td colspan="2">THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF EAGLE WINDOW & DOOR. NO USE OR REPRODUCTION OF THE CONTENTS OF THIS DOCUMENT IS PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF EAGLE WINDOW & DOOR.</td> </tr> <tr> <td>Drafter:</td> <td>AEB</td> <td>DCN#</td> <td>0058</td> <td>REVISION:</td> <td>2070</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td>01 of 02</td> </tr> </table>					Title:	INSWING ASTRAGAL	Finish:	PRESERVATIVE	Material:	SEE NOTE #3	Scale:	1"=1"	Date:	9/17/1992	THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF EAGLE WINDOW & DOOR. NO USE OR REPRODUCTION OF THE CONTENTS OF THIS DOCUMENT IS PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF EAGLE WINDOW & DOOR.		Drafter:	AEB	DCN#	0058	REVISION:	2070					3	01 of 02
Title:	INSWING ASTRAGAL	Finish:	PRESERVATIVE	Material:	SEE NOTE #3																							
Scale:	1"=1"	Date:	9/17/1992	THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF EAGLE WINDOW & DOOR. NO USE OR REPRODUCTION OF THE CONTENTS OF THIS DOCUMENT IS PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF EAGLE WINDOW & DOOR.																								
Drafter:	AEB	DCN#	0058	REVISION:	2070																							
				3	01 of 02																							

NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.



Architectural Testing

Test sample complies with these details.
Deviations: none noted.

Report# 82754 82575
Date 6/26/92 Tech JK

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TITLE: ASTRAGAL FLAT PLATE

FINISH:

MATL:

DFT: AEB SCALE: 1=1

DCN: 0029 DRWG: A04Y

DATE: 4/22/1992 A 01 OF 01

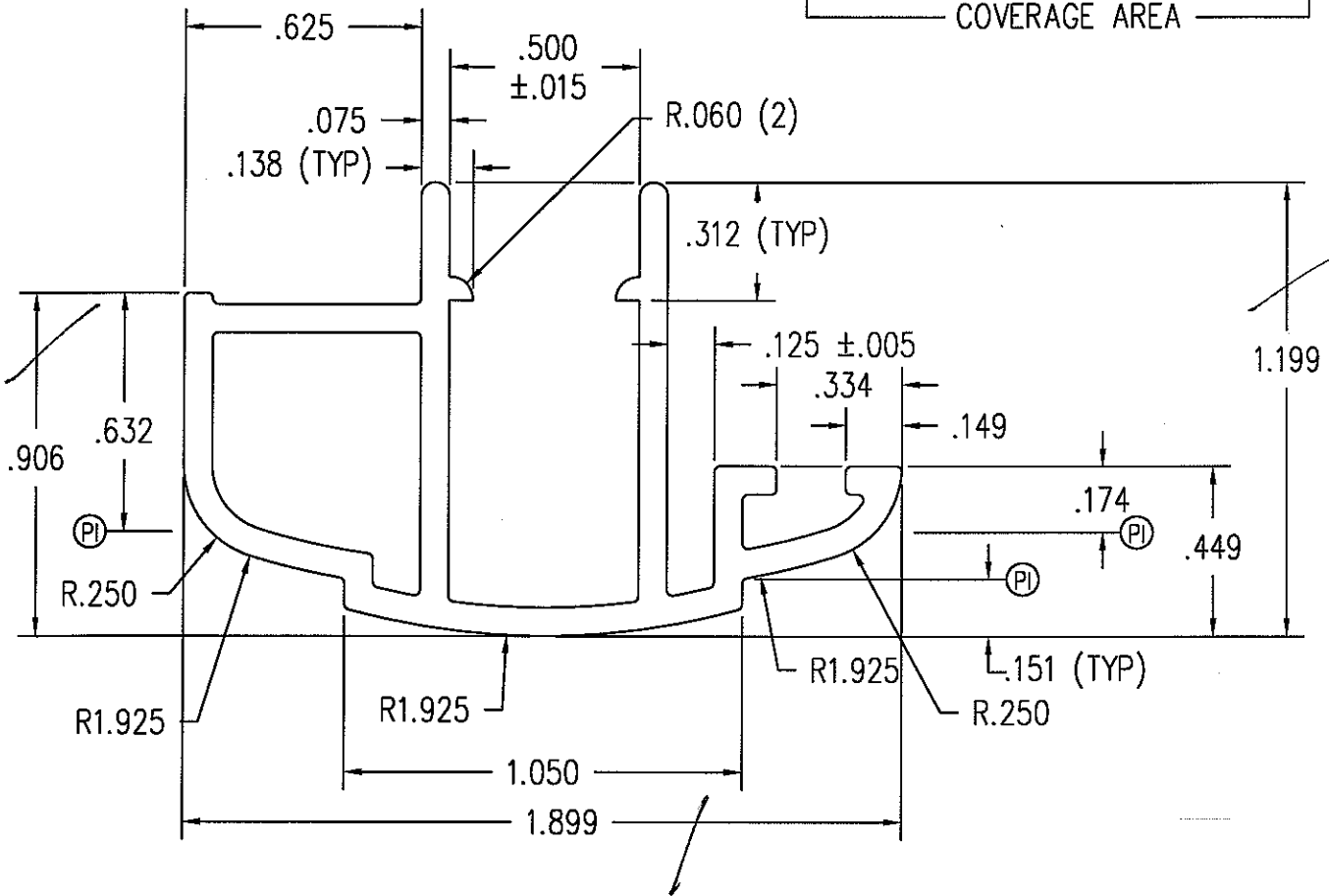
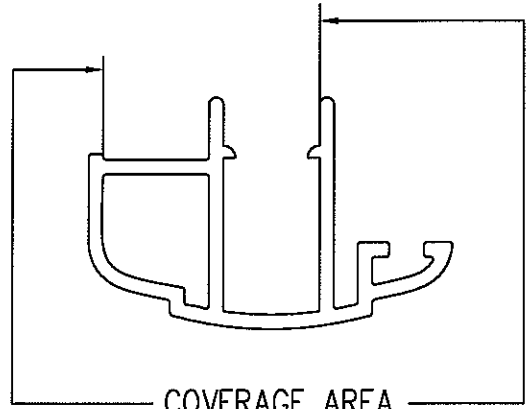
01 ADDED ANGLE TO PART

BJL 0758 12/11/2002

NO DESCRIPTION

DFT DOC DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
 2. TYPICAL WALL THICKNESS .075.
 3. BREAK ALL CORNERS .015, UNLESS NOTED.
 4. AREA = .444 SQ. IN.



Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 82754 8255
 Date 6/26/08 Tech TE

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TITLE: CLAD INSWING - DOUBLE DOOR
 ASTRAGAL

FINISH: EAGLE'S STD. COLORS

MATL: 6063 T-6 ALUMINUM

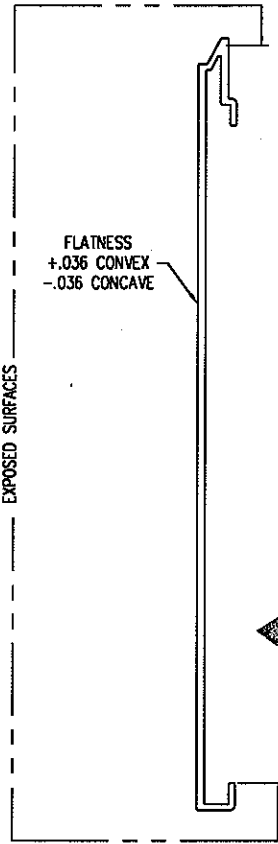
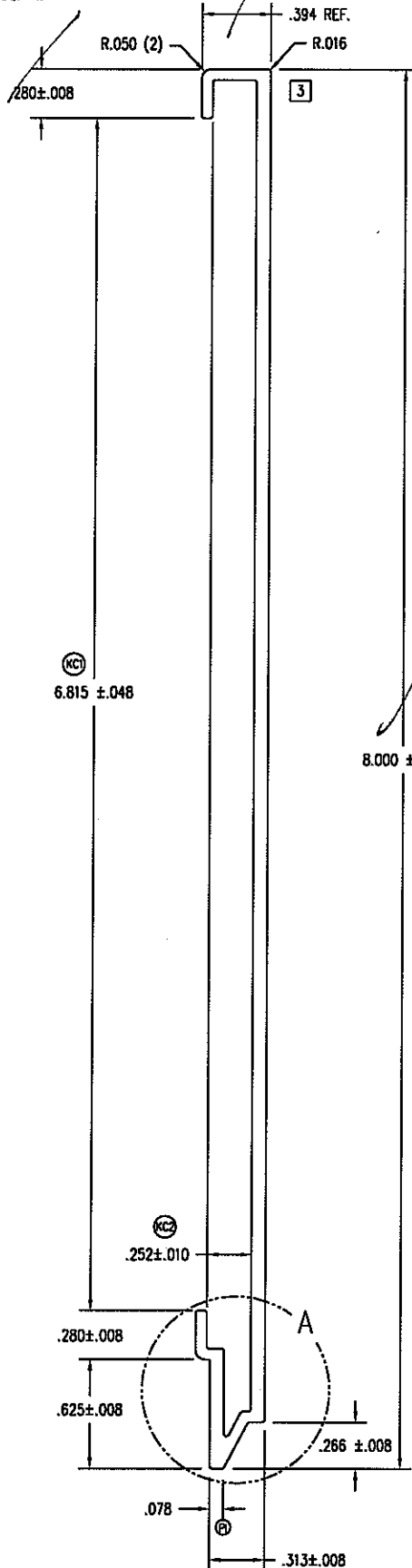
DFT: AWW SCALE: 2=1

DCN: 0794 DRWG: A61D

DATE: 7/25/2003 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE

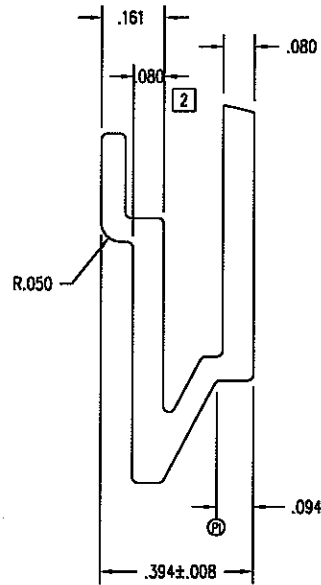
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. $\pm .005$; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
 2. WALL THICKNESS TO BE .062 UNLESS OTHERWISE SPECIFIED.
 3. ALL CORNERS TO BE .015 UNLESS OTHERWISE SPECIFIED.
 4. AREA = .743 SQ. IN.



Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 82575/82254
 Date 6/26/02 Tech J.R.



DETAIL A
 SCALE: 2 = 1

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TITLE: 8" PANEL CLADDING
 INTERLOCK FIT
 FINISH: EAGLE'S STD. COLORS

MATERIAL: 6063 T-6 ALUMINUM

03	MADE CORNER RADIUS .015	AWW	PRE	10/7/04			
02	MADE WALL .062, NOT .062	AWW	PRE	6/28/04	DFT:	AWW	SCALE: 1=1
01	REMOVED "BUMPS"	TWN	PRE	5/5/04	DCN:	0736	DRW: A64K
NO	DESCRIPTION	DFT	DOC	DATE	DATE:	7/14/2003	C 01 OF 02

NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.005; FRAC. ±1/64; ANGLES ±1/2'.

PRODUCT	GLASS	A
(PRE '96 & NG) CLAD CASEMENT & AWNING	5/8"	.469
(PRE '96 & NG) CLAD CASEMENT PICTURE	3/4"	.469
CLAD PIANO HINGE CASEMENT	5/8"	.469
CLAD PIANO HINGE CASEMENT (3056 & ABOVE)	3/4"	.469
CLAD RADIUS CASEMENT	5/8" & 3/4"	.469
(PRE '96 & NG) CLAD DOUBLE / SINGLE HUNG	5/8"	.469
(PRE '96 & NG) CLAD DOUBLE HUNG PICTURE	5/8"	.469
CLAD DOUBLE HUNG TRANSOM	5/8"	.469
CLAD DOUBLE HUNG REPLACEMENT SASH	5/8"	.469
ALL CLAD (NON-RADIUS) AUXILIARY (0-15 SQ. FT.)	3/4"	.469
ALL CLAD (NON-RADIUS) AUXILIARY (15+ SQ. FT.)	1"	.469
CLAD SLIDING WINDOW	5/8"	.469
CLAD INSWING / OUTSWING FRENCH DOOR	3/4"	.469
CLAD FRENCH DOOR TRANSOM	3/4"	.469
CLAD PATIO / FRENCH SLIDING DOOR	3/4"	.469
(PRE '98) WOOD CASEMENT & AWNING	3/4"	.680
(PRE '98) WOOD CASEMENT PICTURE	3/4"	.680
(NG) WOOD CASEMENT & AWNING	5/8"	.469
(NG) WOOD CASEMENT PICTURE	5/8" & 3/4"	.469
WOOD PIANO HINGE CASEMENT	5/8"	.469
WOOD PIANO HINGE CASEMENT (3056 & ABOVE)	3/4"	.469
(PRE '96 & NG) WOOD DOUBLE / SINGLE HUNG	5/8"	.469
(PRE '96 & NG) WOOD DOUBLE HUNG PICTURE	5/8"	.469
WOOD SLIDING WINDOW	5/8"	.469
WOOD DOUBLE HUNG TRANSOM	5/8"	.469
WOOD DOUBLE HUNG REPLACEMENT SASH	5/8"	.469
WOOD (NON-RADIUS) AUXILIARY (0-15 SQ. FT.)	3/4"	.469
WOOD (NON-RADIUS) AUXILIARY (15+ SQ. FT.)	1"	.469
WOOD INSWING / OUTSWING FRENCH DOOR	3/4"	.469
WOOD FRENCH DOOR TRANSOM	3/4"	.469
WOOD PATIO / FRENCH SLIDING DOOR	3/4"	.469
CLAD & WOOD PATIO/FR. SLIDING DOOR (BLIND GLASS)	1"	.406
ALL CLAD AND WOOD WINDOWS AND DOORS EXCEPT AUXILIARY UNITS WHICH ALWAYS USES .469	SINGLE GLAZED H. MSTR MONO	.680



Architectural Testing

This sample complies with these details.
Deviations are noted.

Report# 82575, 82754
Date 6/26/02 Tech JG

PANEL STOPS	
PRODUCT	A
WOOD OUTSWING SIDELITE	.469
WOOD OUTSWING TRANSOM	.469
WOOD INSWING SIDELITE	.469
WOOD INSWING TRANSOM	.469
CLAD DHG PICTURE	.406

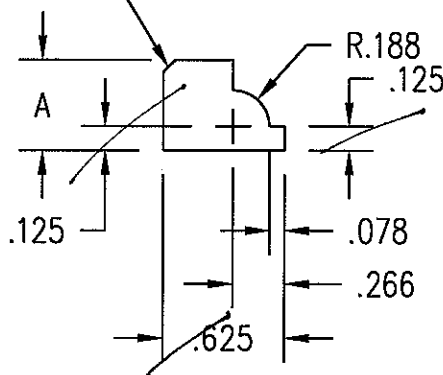
2

4

1

.062 x .062 CHAMFER

3



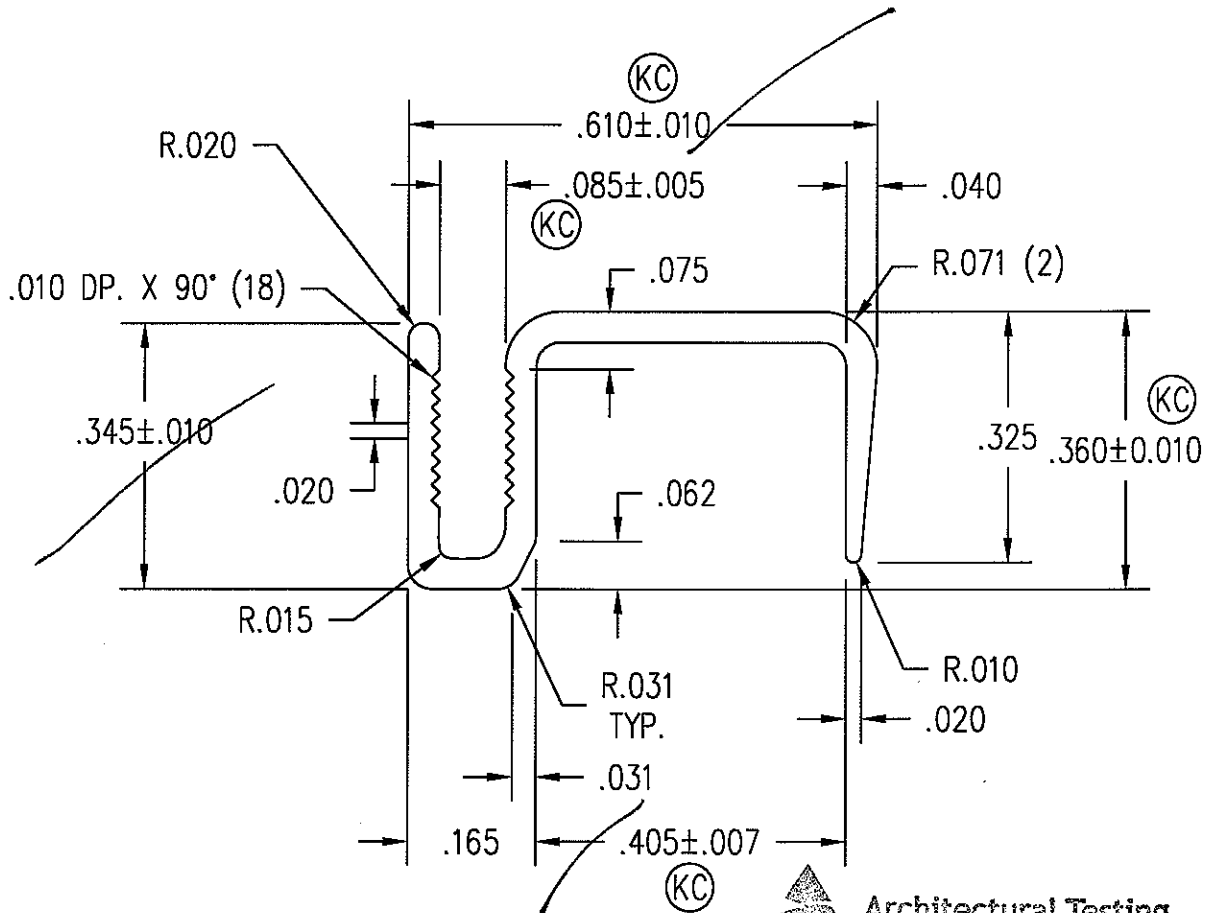
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TITLE: COLONIAL GLAZING STOP

FINISH:

04	ADDED CDHG PICT TO CHART	KJS	0881	3/6/07	MATL:
03	ADDED SIZE FOR IMPACT GLAZING	TWN	0972	9/1/05	EAGLE STD WOOD OFFERINGS
02	CHG'D CLAD PANEL STOP "A" DIM	JH	0794	6/30/05	DFT: JMH SCALE: 1=1
01	ADDED KYLER BLIND SIZE	TWN	0910	4/19/05	DCN: 0650 DRWG: 220J
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 5/29/2002 A 01 OF 03

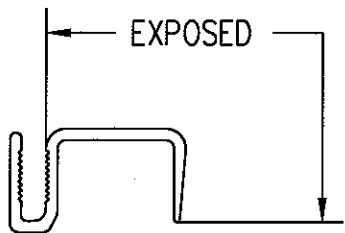
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.010 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
 2. WALL THICKNESS .040 UNLESS OTHERWISE SPECIFIED.



Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 82757 82754
 Date 6/26/02 Tech TR



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TITLE: FRENCH DOOR PANEL CAP

FINISH: EAGLE'S STD. COLORS

MATL: 6030 T-6 ALUMINUM

DFT: TWN SCALE: 4=1

DCN: 0838 DRWG: A49X

DATE: 9/7/2001 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE