

**AAMA/WDMA/CSA
TEST REPORT**

Rendered to:

EAGLE WINDOW & DOOR, INC.

SERIES/MODEL: 6-7 x 8-0 Series 05 Clad Ascent Inswing Post Door
PRODUCT TYPE: Aluminum Clad In-Swing Double Door (XO- jamb hinged)

Title	Summary of Results
101/I.S.2.NAFS-02	HGD-C45 2007 x 2438 (79 x 96)
AAMA/WDMA/CSA 101/I.S.2/A440-05	SHD-C45 2007 x 2438 (79 x 96)
AAMA/WDMA/CSA 101/I.S.2/A440-08	AW-PG45-SHD 2007 x 2438 (79 x 96)
Design Pressure	2160 Pa (45.0 psf)
Air Infiltration	0.20 L/s/m ² (0.04 cfm/ft ²)
Water Penetration Resistance Test Pressure	330 Pa (6.75 psf)
Uniform Load Structural Test Pressure	±3240 Pa (±67.5 psf)
Forced Entry Resistance	Pass

Test Completion Date:

Reference must be made to Report No. 82614.01-201-44 dated 06/12/08 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.:	82614.01-201-44
Test Date:	05/06/08
Through:	06/05/08
Report Date:	06/12/08
Revised Report Date:	06/20/08
Expiration Date:	05/06/12

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 Post Door, Aluminum Clad In-Swing Double Door (XO-jamb hinged). The sample tested successfully met the performance requirements for a 101/I.S.2.NAFS-02 HGD-C45 2007 x 2438 (79 x 96) rating and AAMA/WDMA/CSA 101/I.S.2/A440-05 SHD-C45 2007 x 2438 (79 x 96) rating and per AAMA/WDMA/CSA 101/I.S.2/A440-08 AW-PG45-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 Post Door

Product Type: Aluminum Clad In-Swing Double Door (XO-jamb hinged)

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

Daylight Opening Size: 732 mm (28-13/16") wide by 2197 mm (80-1/2") high

Overall Area: 4.9 m² (52.6 ft²)

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

Test Specimen Description: (Continued)

Frame Construction: The sill was coped, butted and secured to the jamb utilizing two 64 mm (2-1/2") screws through sill through plastic corner keys and into wood jamb. The exterior cladding was secured with one 25 mm (1") screw per corner. The jambs were coped, butted and secured to the head with two 44 mm (1-3/4") screws. The exterior cladding was secured with two 10 mm (3/8") screws and one corner key per corner. The center jamb was secured to the head utilizing one 44 mm (1-3/4") screw and one 64 mm (2-1/2") screw. The astragal was slide-fit onto wood panel members and secured with silicone.

Panel Construction: The wood stiles and rails were joined by two 10 mm (3/4") by 102 mm (4") hardwood dowels. Extruded aluminum cladding was square-cut and butted at the corners, sealed with butyl tape and secured with a corner key.

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Q-Lon	1 Row	Perimeter of operable panel at head and side jambs.
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 panel.

Glazing Details: The window utilized a nominal 19 mm 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.

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

Test Specimen Description: (Continued)

Installation: The test unit was installed within a nominal wood test buck. Unit was secured through each hinge with two #10 by 64 mm (2-1/2") screws. The unit was also fastened to the buck utilizing masonry clips 152 mm (6") from each corner and 533 mm (21") on center thereafter. The masonry clips were attached to the unit frame with four #8 by 16 mm (5/8") screws then attached to the buck with four #8 by 38 mm (1-1/2") screws.

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	40 N (9.0 lbf)	--
5.3.1.2	Deadbolt	13 N (3.0 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)	0.20 L/s/m ² (0.04 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)	0.41 L/s/m ² (0.08 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	Uniform Load Structural per ASTM E 330		See Note #2
5.3.4.3			
5.3.4.3			

Note #2: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance."

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
5.3.5	Forced Entry Resistance per AAMA 1304		
5.3.5	1330 N (300 lbf) point load		
5.3.5	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	250,000	Meets as stated	Meets as stated
5.3.6.10			
--	Vertical Loading Resistance per AAMA 925		
5.3.6.11	Pre-load - 200 N (65 lbf)		
5.3.6.11	Maximum vertical deflection	1.27 mm (0.05")	N/A
	Residual vertical deflection	<0.25 mm (<0.01")	N/A
	Test load - 1115 N (150 lbf)		
	Maximum vertical deflection	2.79 mm (0.11")	N/A
	Residual vertical deflection	0.76 mm (0.03")	N/A
	Diagonal deformation	<0.25 mm (<0.01")	N/A
	Force to latch	65 N (15.0 lbf)	65 N (15.0 lbf) max.

Optional Performance

4.2.2.5	Water Resistance per ASTM E 547		
4.4.2.6	330 Pa (6.75 psf)	No leakage	No leakage
4.3.2			
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 mull post)		
	2160 Pa (45.0 psf) (positive)	11.68 mm (0.46")	12.95 mm (0.51") max.
	2160 Pa (45.0 psf) (negative)	10.67 mm (0.42")	12.95 mm (0.51") max.

Note #3: *The deflections reported are not limited by 101/I.S.2/NAFS-02 or AAMA/WDMA/CSA 101/I.S.2/A440-05 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	(Permanent sets reported were taken on the mull post)		
	3240 Pa (67.5 psf) (positive)	3.56 mm (0.14")	6.86 mm (0.27") max.
	3240 Pa (67.5 psf) (negative)	3.81 mm (0.15")	6.86 mm (0.27") max.

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 (28)

Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	06/12/08	N/A	Original report issue. Report and drawings forwarded to AMS for Hallmark Certification.
1	06/20/08	Cover, Page 1	Correction to AAMA/WDMA/CSA 101/I.S.2/A440-05 standard. 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 #: 82614.01-201-44

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 Post Door Vent RJ/S SP1
(as to be listed on CCL)

Product Type: Clad Hinged Door Vent

Additional Manufacturer ID #: _____

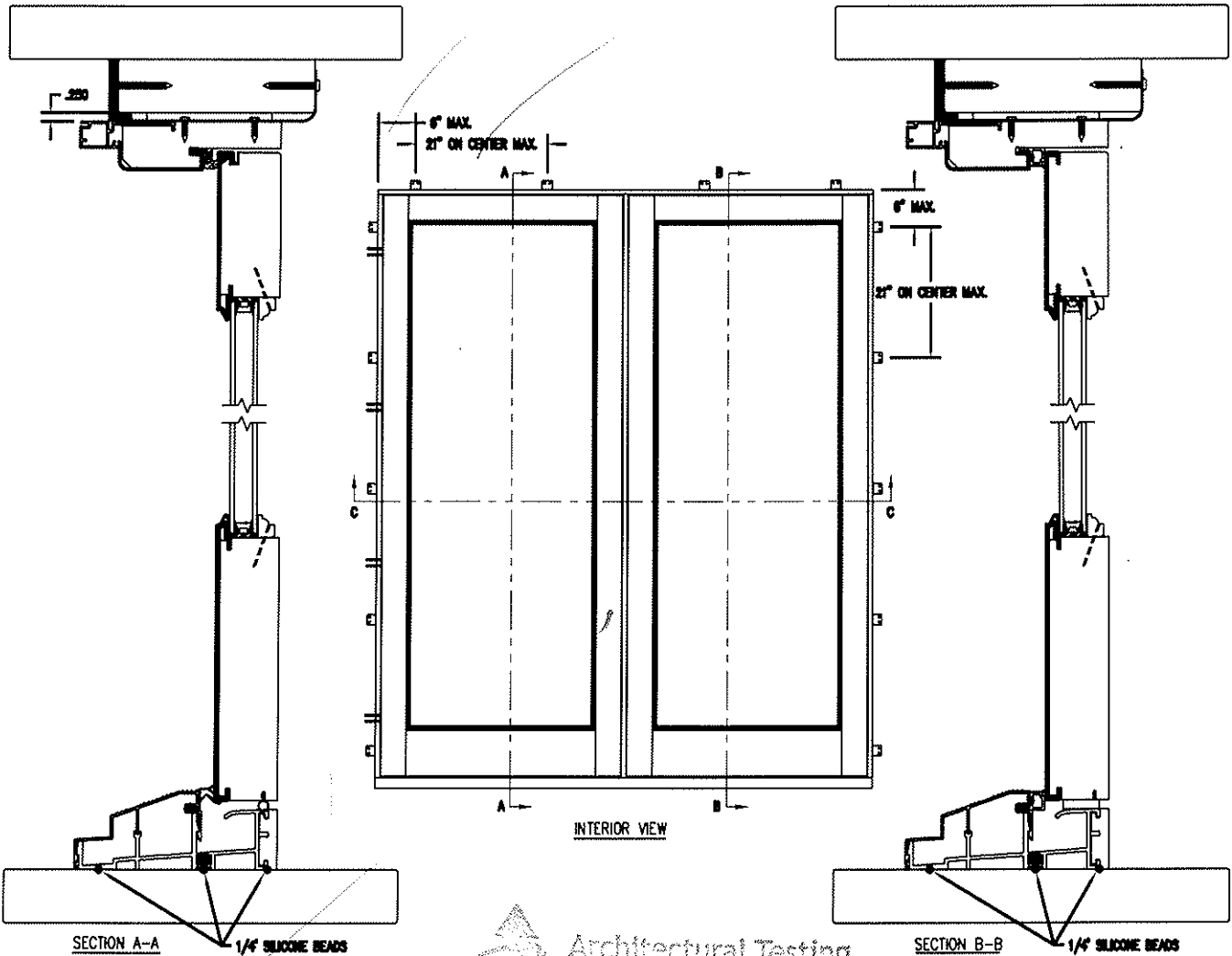
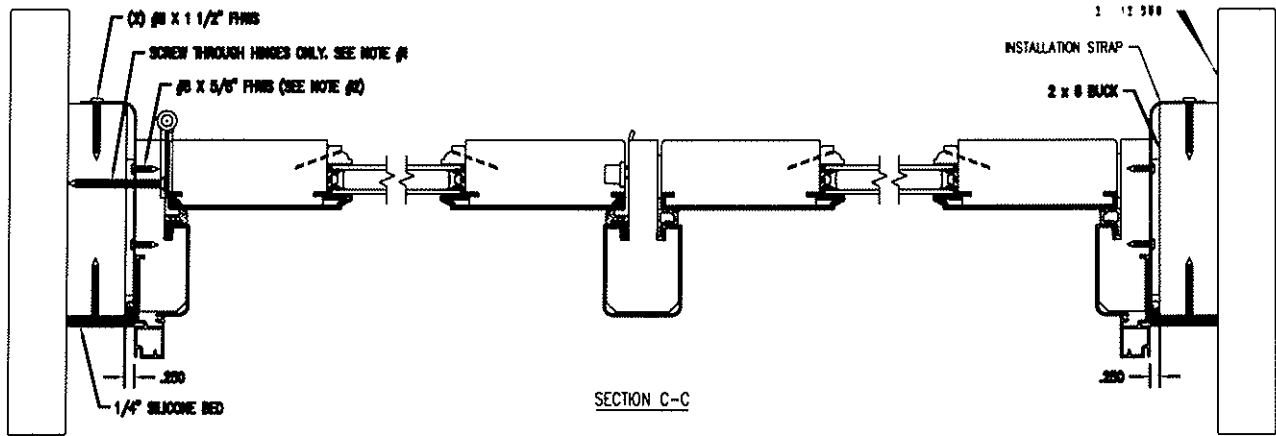
■ n/a


<u>Hallmark CCL</u>	<u>Standard</u>	<u>Rating</u>
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Appendix C

Drawings

1. (8) #10 X 2 1/2" SCREWS THROUGH HINGES INTO BUCK. (2 PER HINGE, 8 TOTAL PER SIDE)
2. (4) #8 X 5/8" SCREWS THROUGH INSTALLATION STRAP INTO FRAME. (4 PER STRAP)




Architectural Testing

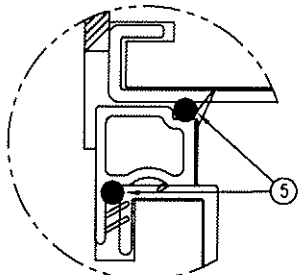
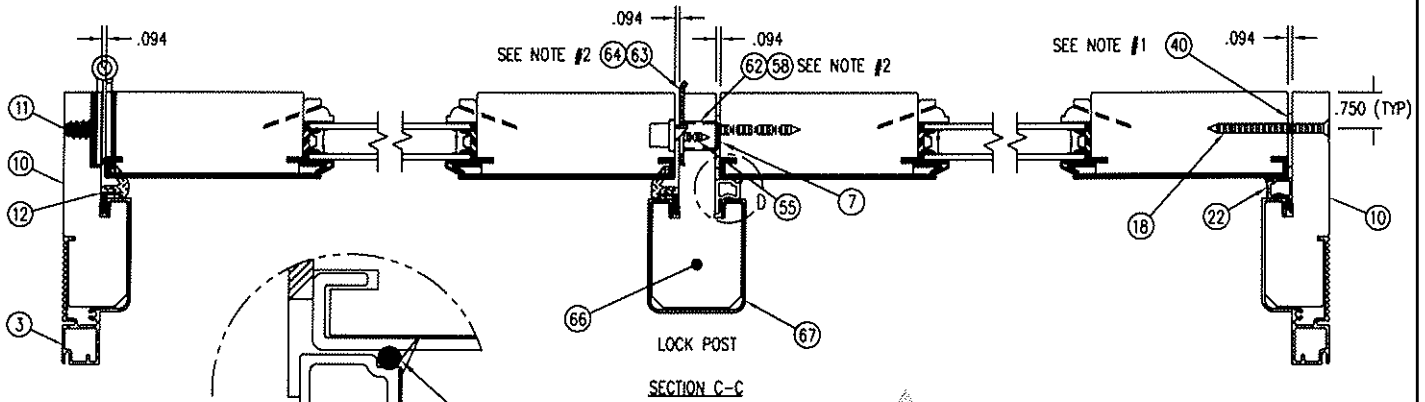
Test sample complies with these details.
 Deviations are noted.

Report# 82614
 Date 6-11-08 Tech TG

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DCN:	0710	DRWG:	056R
NO	DESCRIPTION	DFT	DOC
DATE:	3/26/2008	C	01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE

NOTE : 1. (3) SHIMS TO BE EQUALLY SPACED ON EACH SIDE AND 2 ALONG HEAD. SHIMS TO BE SECURED TO SIDE JAMB WITH A SMALL AMOUNT OF SILICONE.
 2. A DUST COVER IS PLACED UNDER EACH STRIKE PLATE.

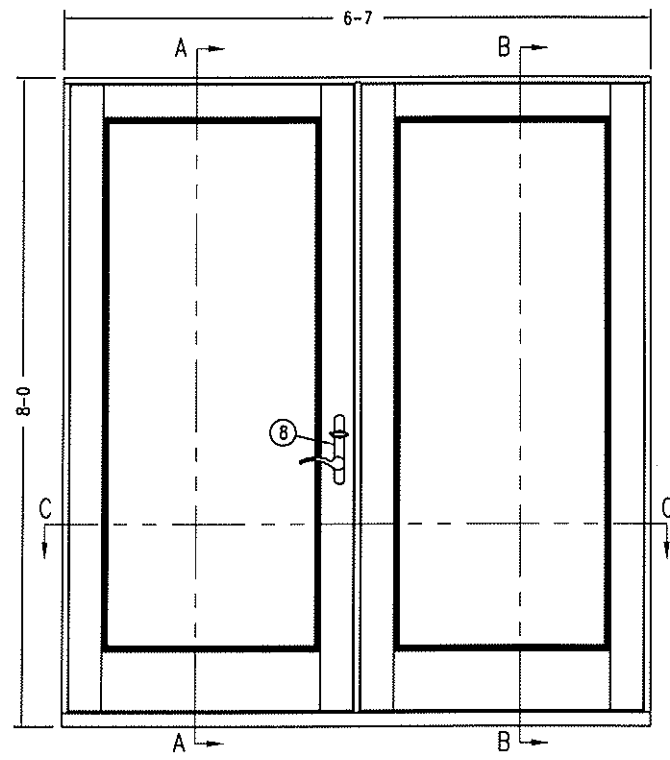
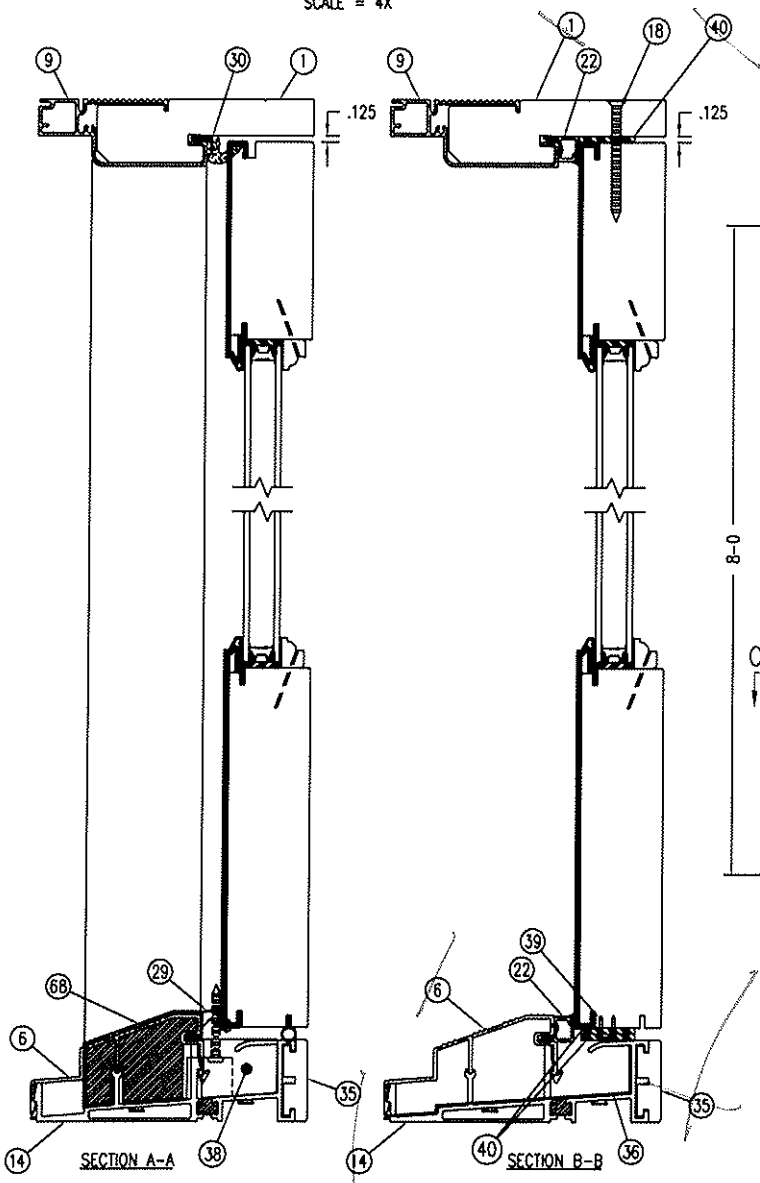


DETAIL D
SCALE = 4X

Architectural Testing

Test sample assembly with three details.
 Deviations are noted.

Report# 82614
 Date 6-11-08 Tech J

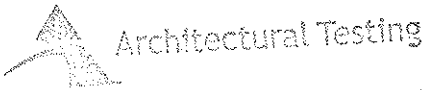
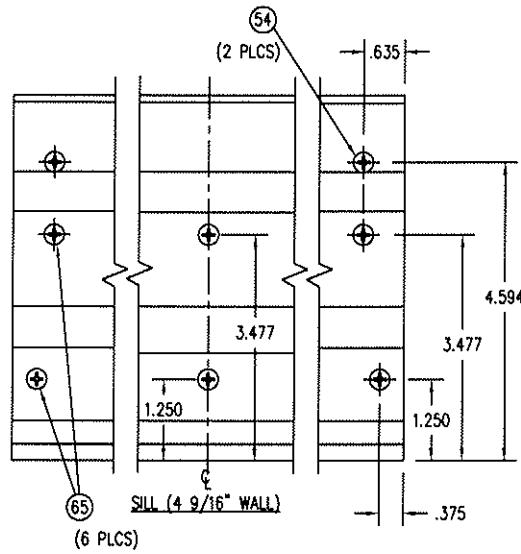
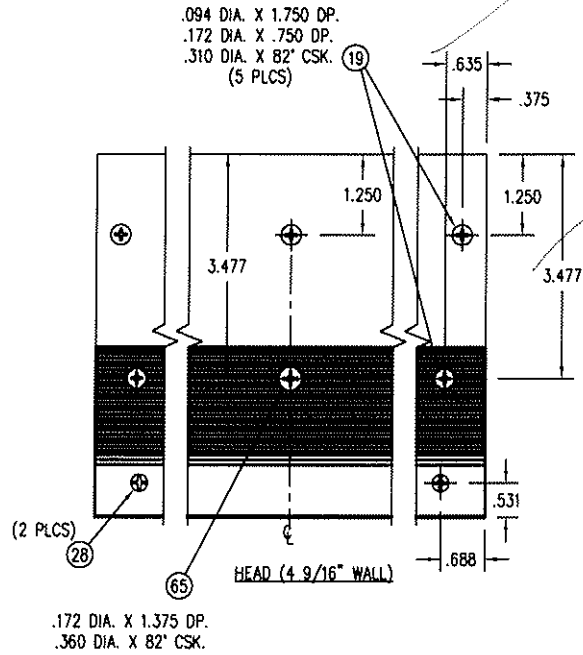


INTERIOR VIEW

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 TITLE: CAPDI - POST DOOR RJ/S
 (4 9/16" WALL) UNIT ASSEMBLY
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 MATL:
 DFT: a30188 SCALE: 1=4
 DCN: 0710 DRWG:
 DATE: 3/28/2008 C 01 OF 11

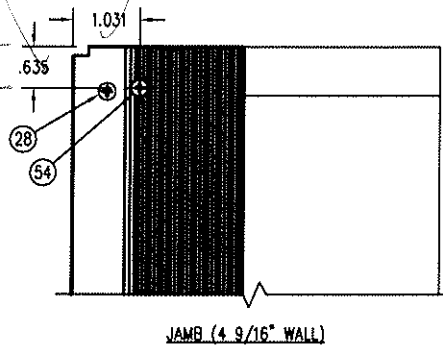
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				DATE: 3/28/2008

NOTE: ALL SCREW LOCATIONS TYPICAL.



Test sample complier with these details.
 Detailed drawings attached

Report# 82-6014
 Date 6-11-08 Tech TR



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 UNIT ASSEMBLY

FINISH:

MATL:

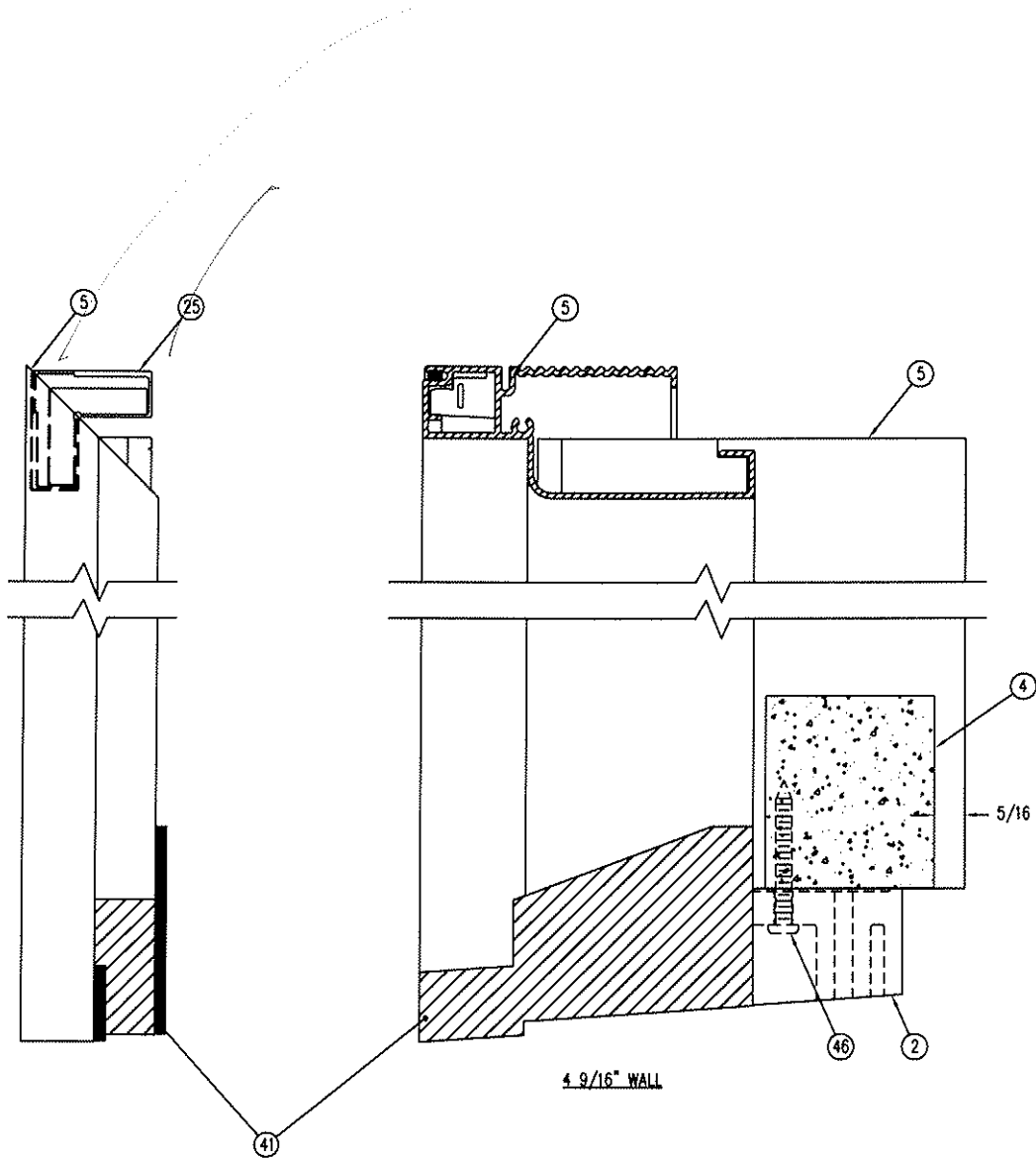
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DCN: 0710 DRWG:

DATE: 3/28/2008 C 02

NO	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. INSERT CORNER KEYS BEFORE APPLYING SEALANT.



Architectural Testing

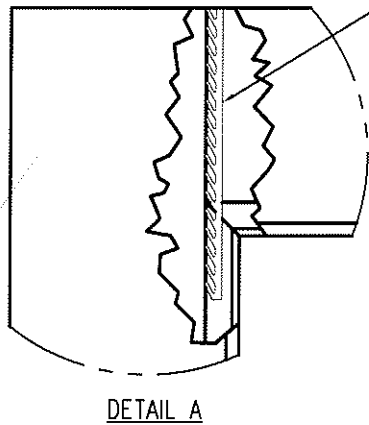
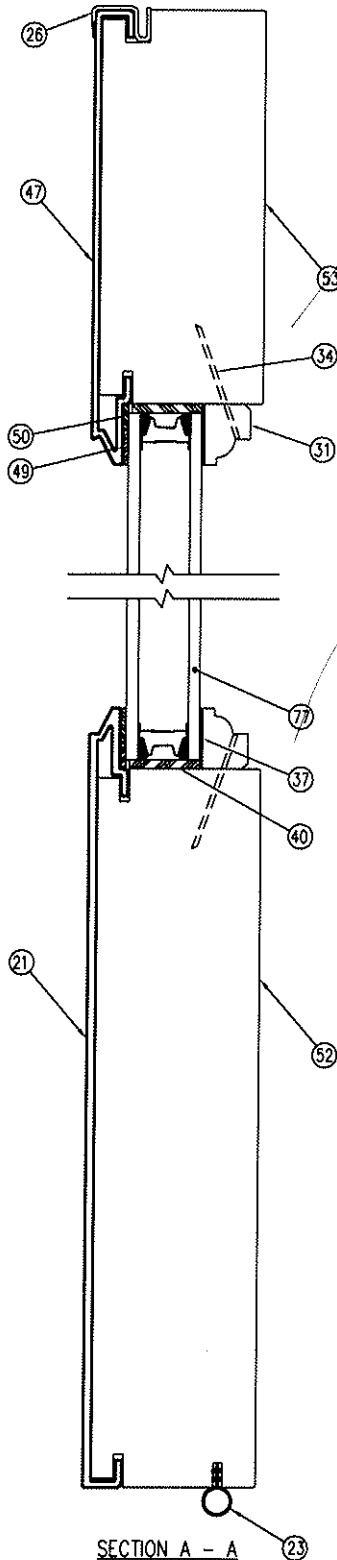
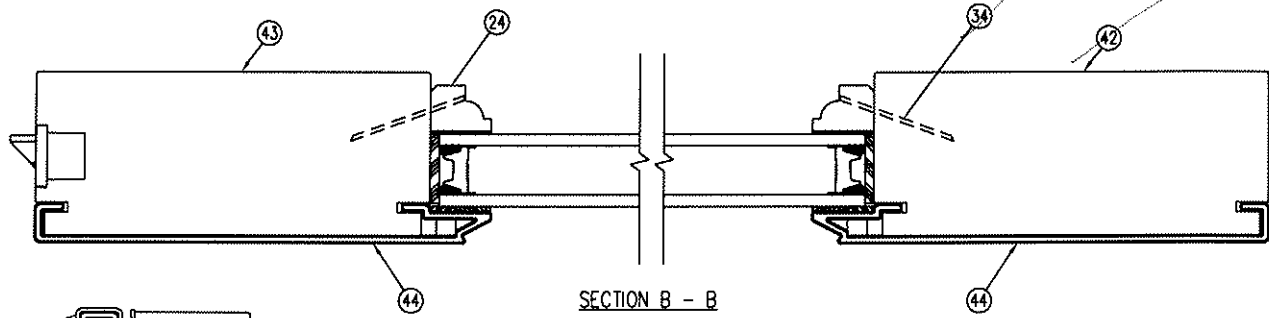
For proper correlation with other details.
 Drawings are void if

Report# 82614
 Date 6-11-88 Tech: JL

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 TITLE: CAFDI - POST DOOR RJ/S
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 FINISH:
 MATL:
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 DCN: 0710 DRWG:
 DATE: 3/28/2008 C 03

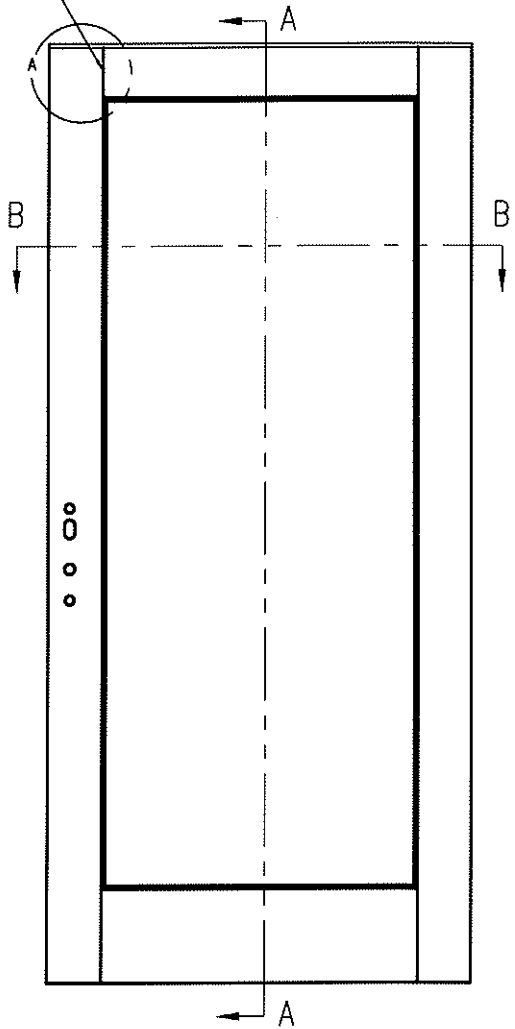
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NOTE: 1. SILICONE OR BUTYL TAPE SEALANT MUST RUN ENTIRE LENGTH OF SEAM BETWEEN STILE AND RAIL CLADDING.
 2. ONE PANEL WEDGE GETS INSERTED AT EACH END OF THE STILES (4 TOTAL).



SEE NOTE #1

SEE NOTE #2



 Architectural Testing

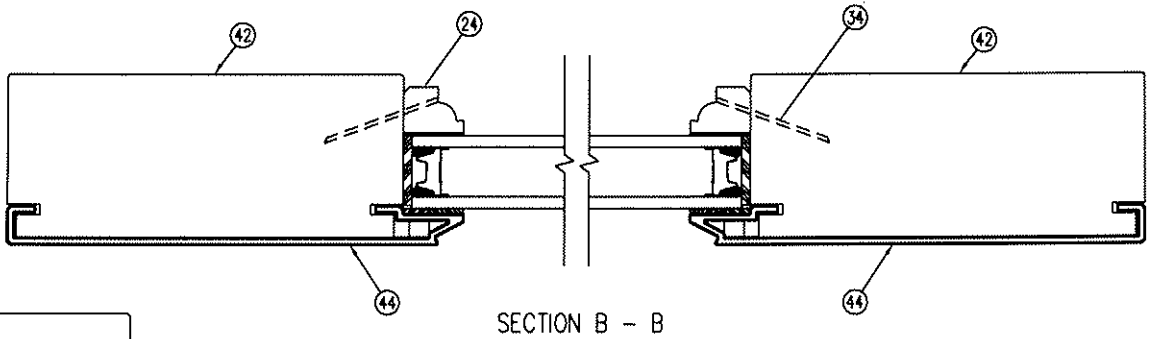
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 (Reference to drawings)

Report# 82614
 Date 6-11-08 Tech JL

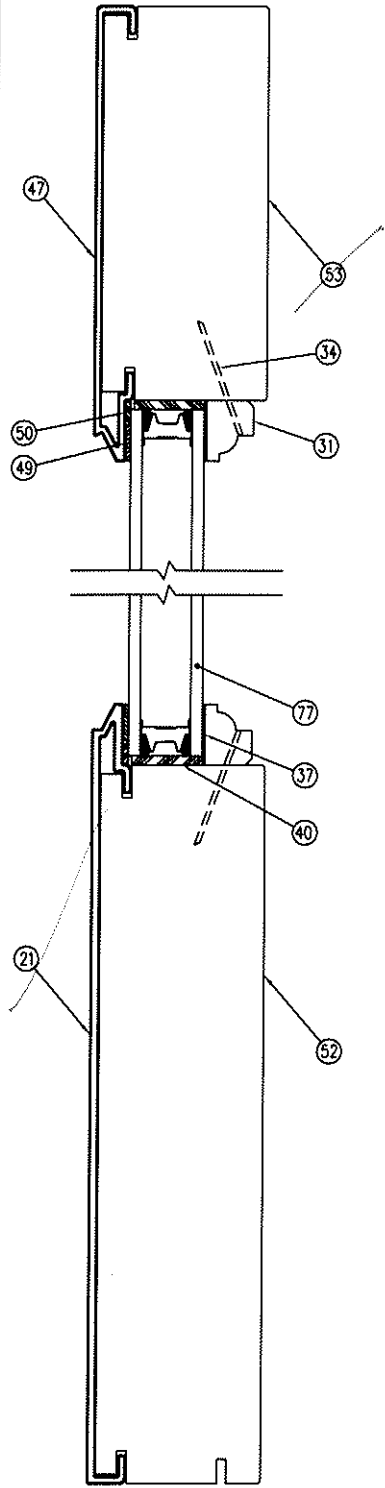
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TITLE: CAFDI - POST DOOR RJ/S PANEL ASSEMBLY	
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DATE: 3/28/2008	C 04

NO	DESCRIPTION	DFT	DOC	DATE

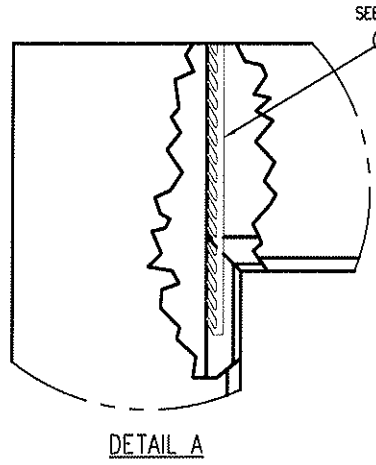
NOTE: 1. SILICONE SEALANT MUST RUN THE ENTIRE LENGTH OF SEAM BETWEEN STILE AND RAIL CLADDING.
 2. ONE PANEL WEDGE GETS INSERTED AT EACH END OF THE STILES (4 TOTAL).



SECTION B - B

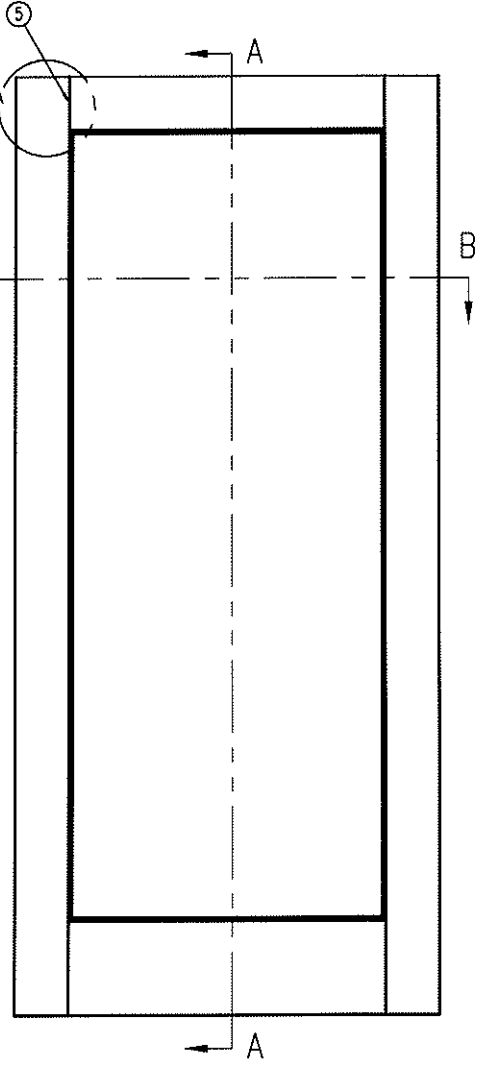


SECTION A - A



DETAIL A

SEE NOTE #1



EXTERIOR VIEW

Architectural Testing

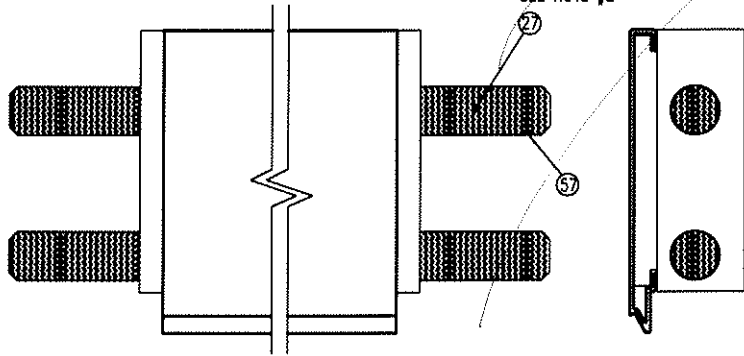
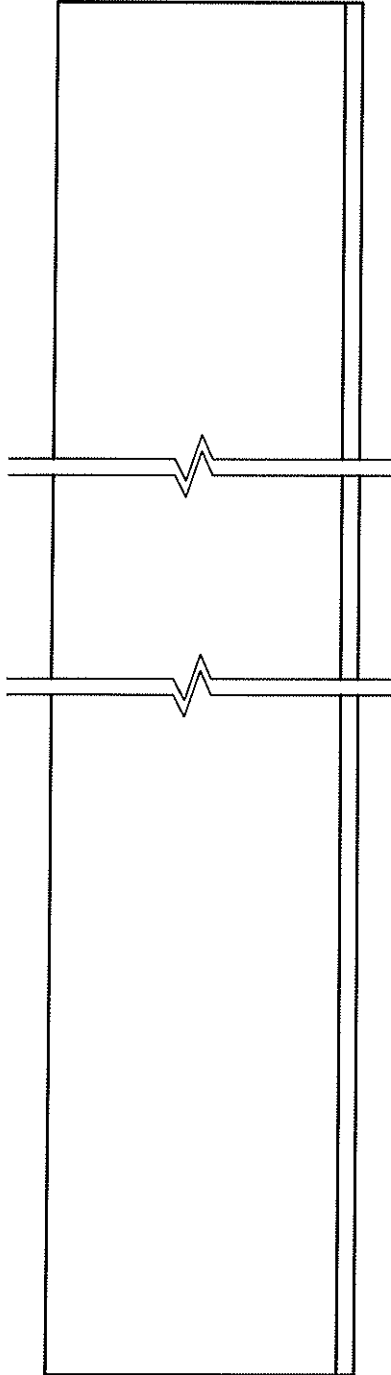
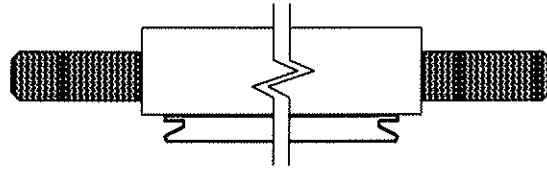
Refer to drawings for all details.
 Material to be specified

Revised: 82614
 Date: 6-11-08 Tech: TC

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TITLE: CAFDI - POST DOOR RJ/S FIXED PANEL ASSEMBLY	
FINISH:	
MATEL:	
DFE: 030188	SCALE: 1=2
DCN: 0710	DRWG:
DATE: 3/28/2008	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.



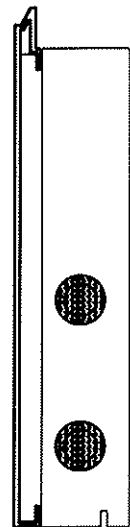
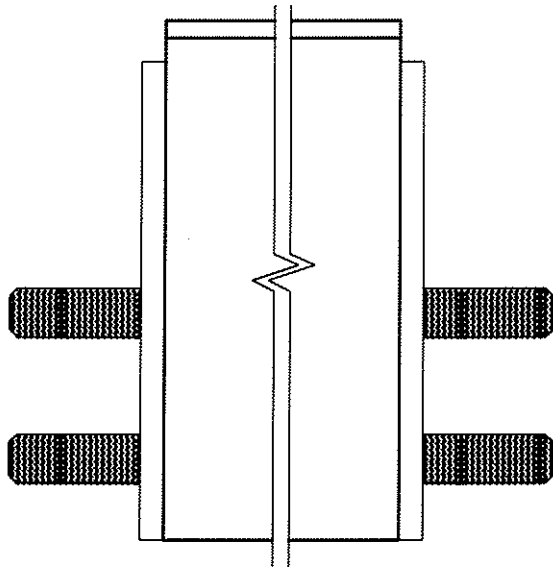
Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 82614

Date 6-11-08

Tech 16



STILE

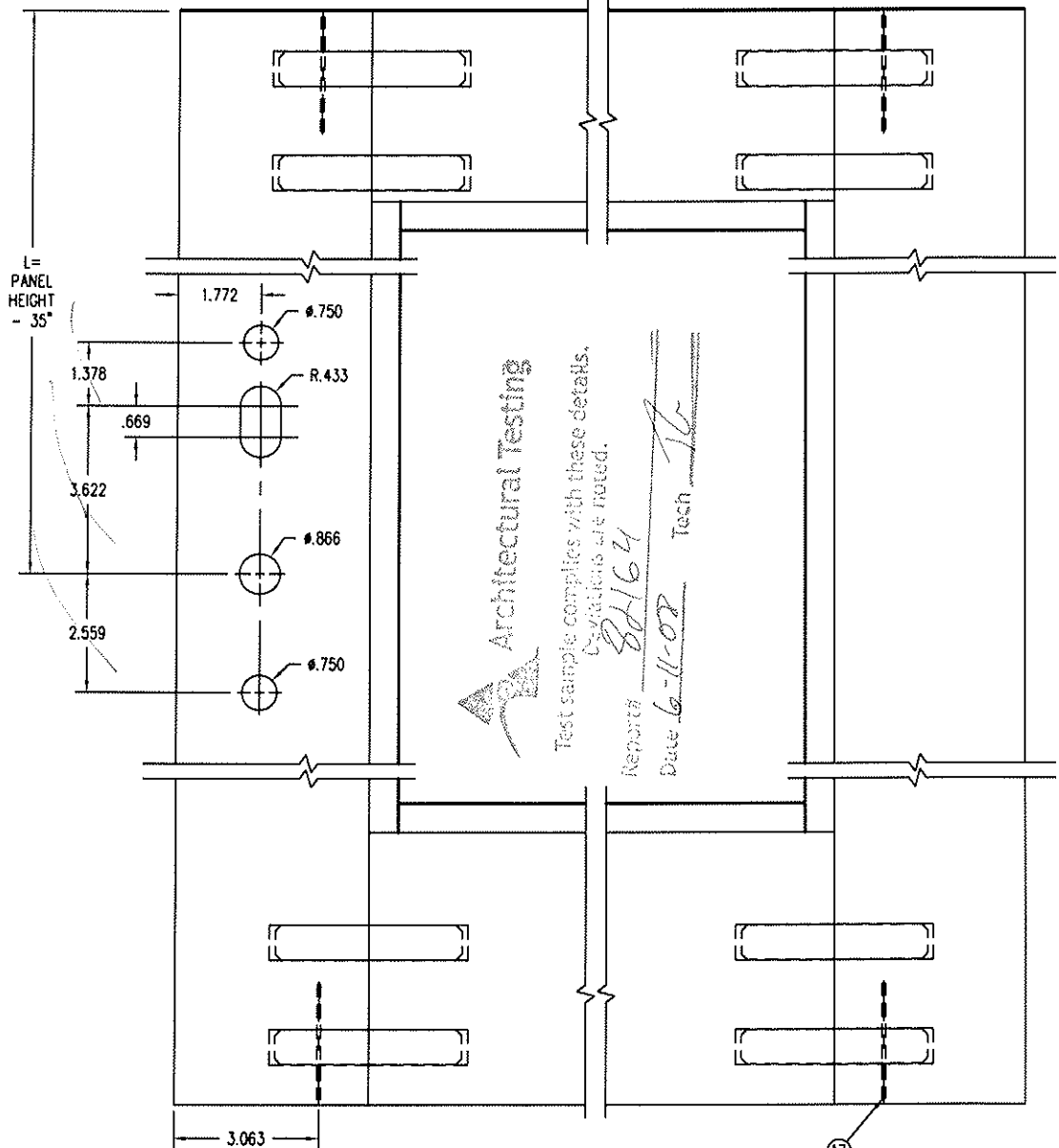
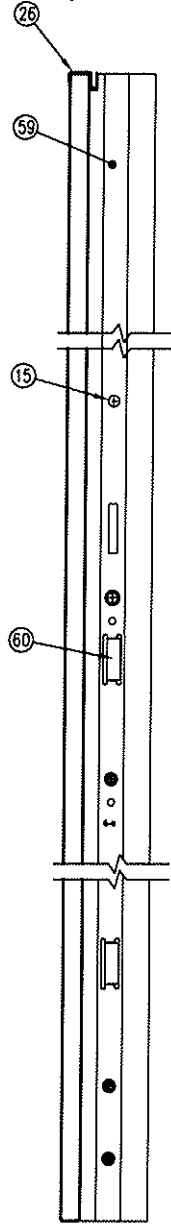
RAILS

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TITLE: CAPDI - POST DOOR R/L/S PANEL ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: 030188	SCALE: 1=3
DCN: 0710	DRWG:
DATE: 3/28/2008	C 06

NO	DESCRIPTION	DFT	DOC	DATE

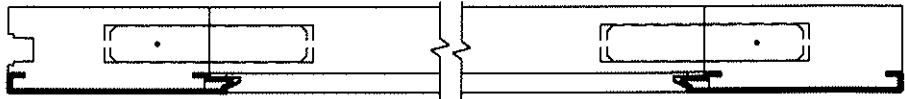
NOTE: 1. A BEAD OF SILICONE SEALANT MUST BE APPLIED TO ENDS OF STILE CLADDING AND THE ENTIRE WIDTH OF PANEL BEFORE INSTALLING CAP.

SEE NOTE #1



Architectural Testing
 Test sample complies with these details.
 Deviations are noted.
 Report 8/16/07
 Date 6-11-08 Tech [Signature]

INTERIOR VIEW



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 - POST DOOR RJ/S
 PANEL ASSEMBLY

FINISH:
 MATL:
 DFT: a30188 SCALE: 1=4
 DCN: 0710 DRWG:
 DATE: 3/28/2008 C 07

NO	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. DOORS >6-0 BUT <6-8 USE 6-8 GEAR CUT TO LENGTH.
DOORS EQUAL TO 6-8 BUT <6-10 USE 6-8 GEAR AND 2" EXTENSION CUT TO LENGTH.

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	A63W	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
	A01A	SEALANT BUTYL TAPE	AS REQUIRED	BUTYL RUBBER	PTI INC.
6	A63P	CFDI 4 9/16" SILL CAP	1	ALUMINUM	BONNELL
7	A74C	POST DOOR HINGE SHIM	3 OF 4	SHORE 80 PVC	
8	A395	GU HANDLE ASSEMBLY	1		GU
9	A63W	4 9/16" WALL HEAD CLADDING	1	ALUMINUM	PRIES
10	221M	SIDE JAMB	2	WOOD	EAGLE WINDOW & DOOR
11	A05X	#10-24 THREADED INSERT	1		ABILITY FASTENERS
12	A62G	FRAME WEATHERSTRIP	2		SCHLEGEL
13	A39A	#10-24 x 5/8" FH. MS. (HINGE TO THREADED INSE	AS REQUIRED		ABILITY FASTENERS
14	A659	4 9/16" SILL BASE	1	ALUMINUM	BONNELL
15	A39W	#7 x 1 1/4" FHMS S.S.	AS REQUIRED		ABILITY FASTENERS
16	A699	PANEL WEDGE	8	NYLON	LAKE COUNTRY SALES
17	A43D	2 1/2" BRAD .077 DIA.	4	GALVANIZED STEEL	CARLSON
18	A046	#10 X 2 1/2" FLAT HEAD WOOD SCREW Z&Y	AS REQUIRED		ABILITY FASTENERS
19	A02E	#8 x 1 3/4" FHWS Z & Y	AS REQUIRED	STEEL	SILLCVRSR
20					
21	A64K	8" BOTTOM RAIL CLADDING	1	ALUMINUM	PRIES
22	A616	I/S SDLT SPACER SHIM	4		CLIM-A-TECH
23	A661	LOWER PANEL WEATHERSTRIP	1		SCHLEGEL
24	220J	VERTICAL COLONIAL GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
25	A100	NYLON CORNER KEY	2		LAKE COUNTRY SALES
26	A49X	PANEL CAP	1	ALUMINUM	BONNELL
27	A01D	WOOD ADHESIVE	AS REQUIRED	COPOLYMER	NATIONAL CASEIN
28	A11K	#8 x 7/16" #6 HEAD FHMS S.S.	4		ABILITY FASTENERS
29	A59Y	SILL WEATHERSTRIP	1		AMESBURY FOAMTITE
30	A62G	FRAME WEATHERSTRIP	1		SCHLEGEL
31	220N	HORIZONTAL COLONIAL GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
32	A515	#12 x 2 1/2" FHWS	8		ABILITY FASTENERS
33	A516	#12 X 1 1/2 FH. WS. (FPL)	AS REQUIRED		ABILITY FASTENERS
34	A40F	1 1/4" 18GA HARD STL BRAD	AS REQUIRED	STEEL	PACKAGING INC.
35	2225	OAK SILL TRIM	1		EAGLE WINDOW & DOOR
36	A52X	4 9/16" SILL FOAM TAPE	2		CLIM-A-TECH
37	A264	ADHESIVE TAPE	2	POLYETHYLENE	ADHESIVE RESEARCH
38	A657	POST RISER BLOCK	1		LAKE COUNTRY SALES
39	A13G	5/16" X 1/2" STAPLE (16 GA.)	2	GALVANIZED STEEL	CARLSON
40	A00E	GLASS SETTING BLOCK, NEOPRENE	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
41	A622	4 9/16" SILL JAMB FOAM PAD	2		CLIM-A-TECH
42	20D6	4 11/16" HINGE STILE	2	WOOD	PAC. WOOD LAMINATES
43	20DB	4 11/16" LOCK STILE	2	WOOD	PAC. WOOD LAMINATES
44	A613	4 11/16" STILE CLADDING	2	ALUMINUM	PRIES
45					
46	A67F	#8 X 1 1/2" PHMS S.S.	2		ABILITY FASTENERS



Architectural Testing

Test sample complies with these details:
Deviations are noted.

Report# 82614

Date 6-11-08

Tech. TC

TITLE:	CAFDI - POST RJS UNIT ASSEMBLY
FINISH:	
MATL:	
DFT:	A30186 SCALE: 1=1
DCN:	0710 DRWG: 056N
DATE:	3/28/08 C 10

NO	DESCRIPTION	DFT	DOC	DATE
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NOTE: 1. DOORS >6-0 BUT <6-8 USE 6-8 GEAR CUT TO LENGTH.
DOORS EQUAL TO 6-8 BUT <6-10 USE 6-8 GEAR AND 2" EXTENSION CUT TO LENGTH.

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	A09D	#5 X 1 3/4 FH. ES.			ABILITY FASTENERS
55	A00R	#7 X 5/8" FHSMS 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	A28T	#8 X 2 1/2" FH SMS	7	STEEL	ABILITY FASTENERS
66	2230	WOOD POST	1	WOOD	PAC. WOOD LAMINATES
67	A640	4 9/16" SILL POST CLADDING	1	ALUMINUM	PRIES
68	A62B	4 9/16" POST (JAMB) PAD	1		CLIM-A-TECH
69	A019	3/4" INSULATED GLASS	1	GLASS	CARDINAL IG
70	H-40	5/8" BETWEEN GLASS MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
71	P/PD	1" CONTOUR MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
72	220H	1 1/2" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
73	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
74	A507	1 1/2" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
75	A67X	1 1/2" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
76	A67L	1 1/2" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
77	220H	1 1/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
78	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
79	A507	1 1/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
80	A67W	1 1/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
81	A67R	1 1/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
82	220H	7/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
83	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
84	A507	7/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
85	A67T	7/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
86	A67N	7/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
87	20FA	5/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
88	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
89	A72D	5/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	COLONIAL CRAFT
90	A75N	5/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
91	A75M	5/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
92	N/A	ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	CARDINAL IG

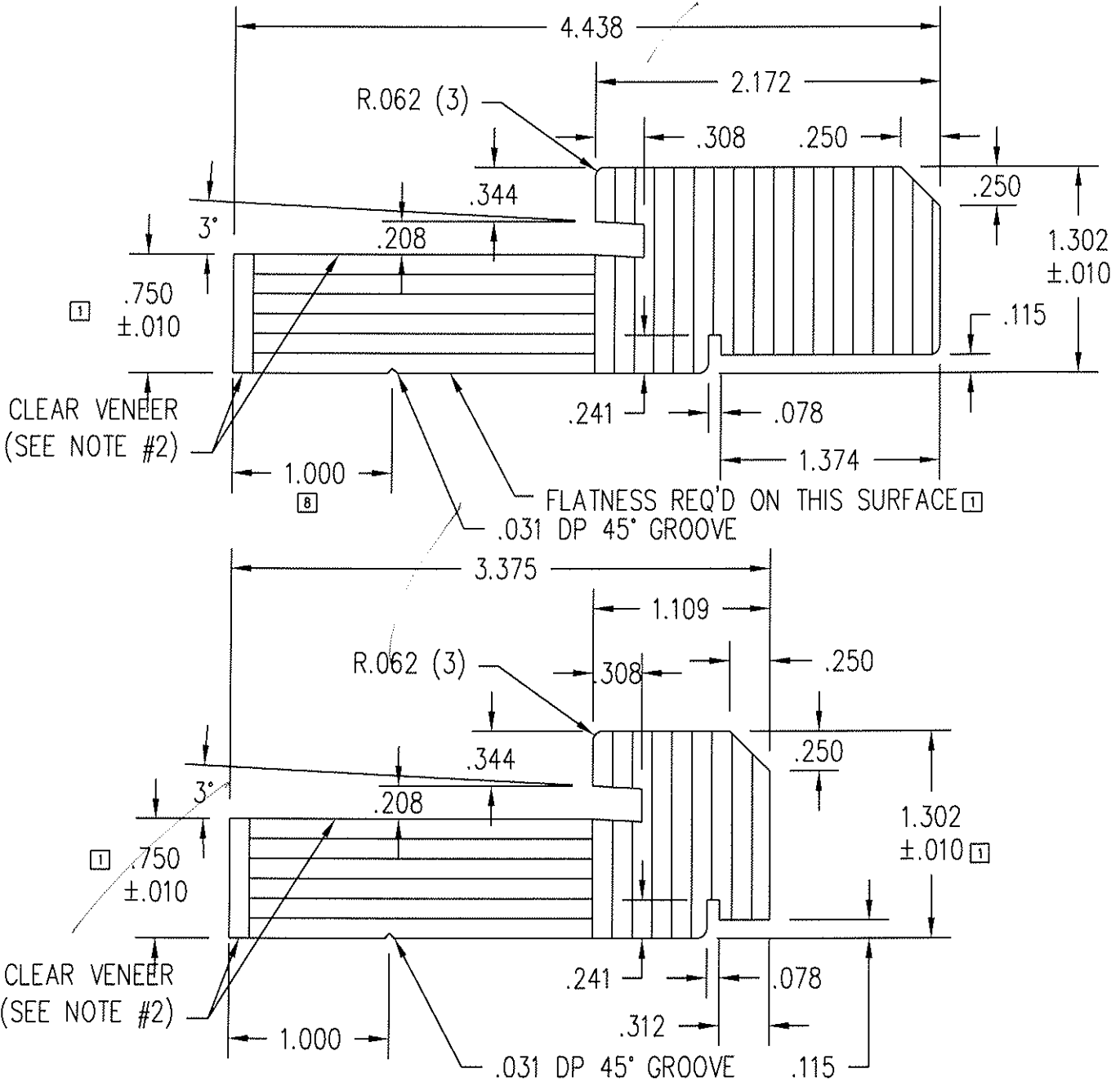
Architectural Testing
 Test sample complete
 Report# 82614
 Date 6-11-08 Tech TG

TITLE: CAFDI - POST RJS UNIT ASSEMBLY
FINISH:
MATL:
DFT: A3018 SCALE: 1=1
DCN: 0710 DRWG: 056N
DATE: 3/28/08 C 11

NO	DESCRIPTION	DFT	DOC	DATE	DATE: 3/28/08	C 11
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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. THIS VENEER TO HAVE MINIMUM THICKNESS OF .080.

1



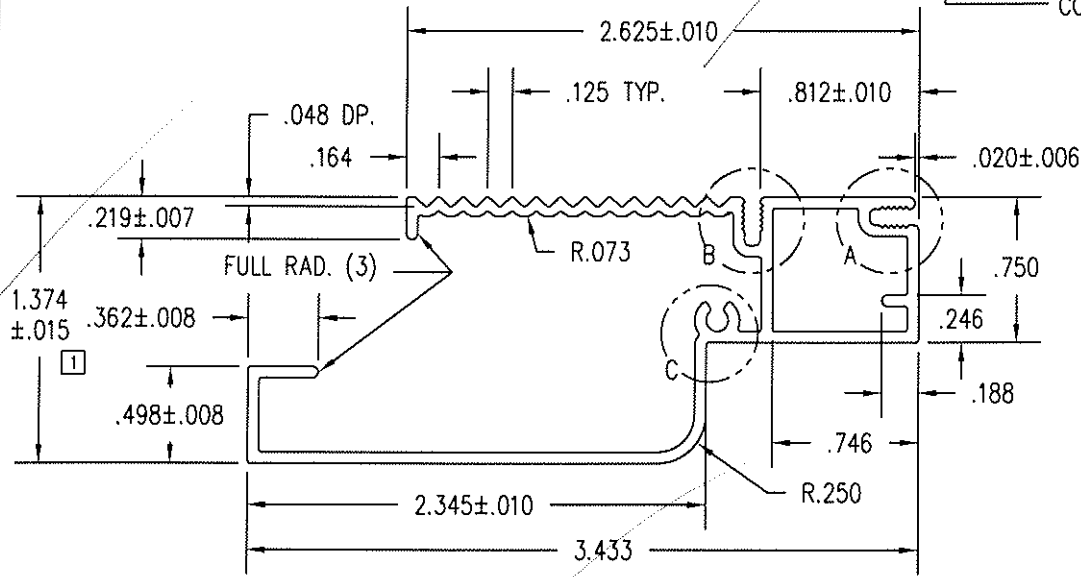
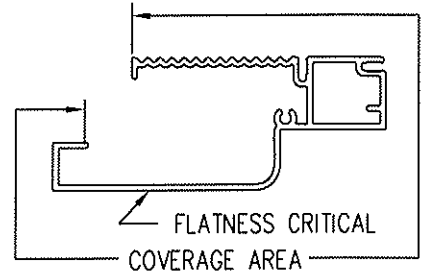
RIPPED DOWN FOR 3 1/2" WALL

Handwritten notes:
 8/26/04
 6-11-08
 [Signature]

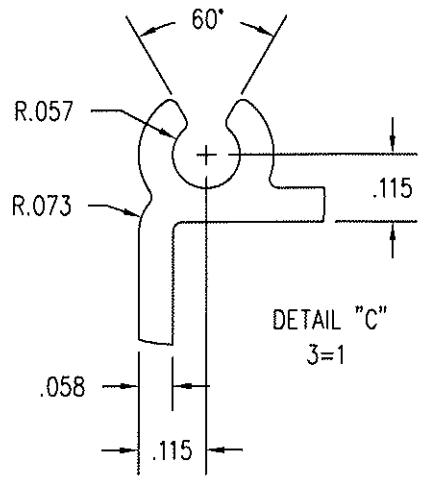
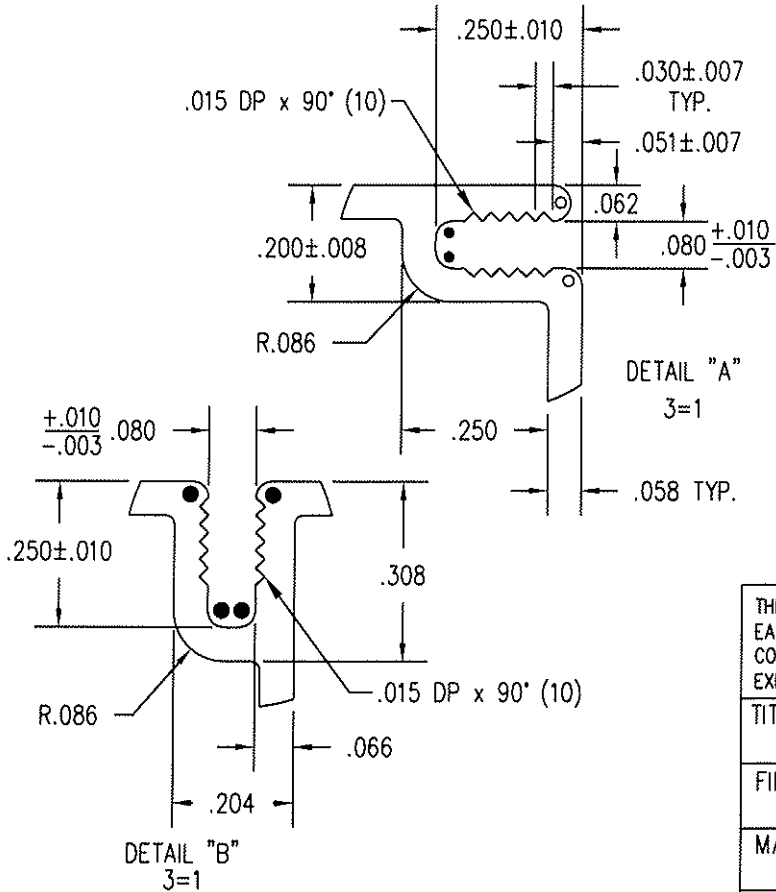
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TITLE: CLAD INSWING DOOR WOOD JAMB	
FINISH:	
MATL: LVL	
DFT: AWW	SCALE: 1=1
DCN: 0794	DRWG: 221M
DATE: 10/31/2002	A 01 OF 05

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. $\pm .005$; 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 include:
 Report: 8-26-14
 Date: 6-11-07
 Tech: [Signature]

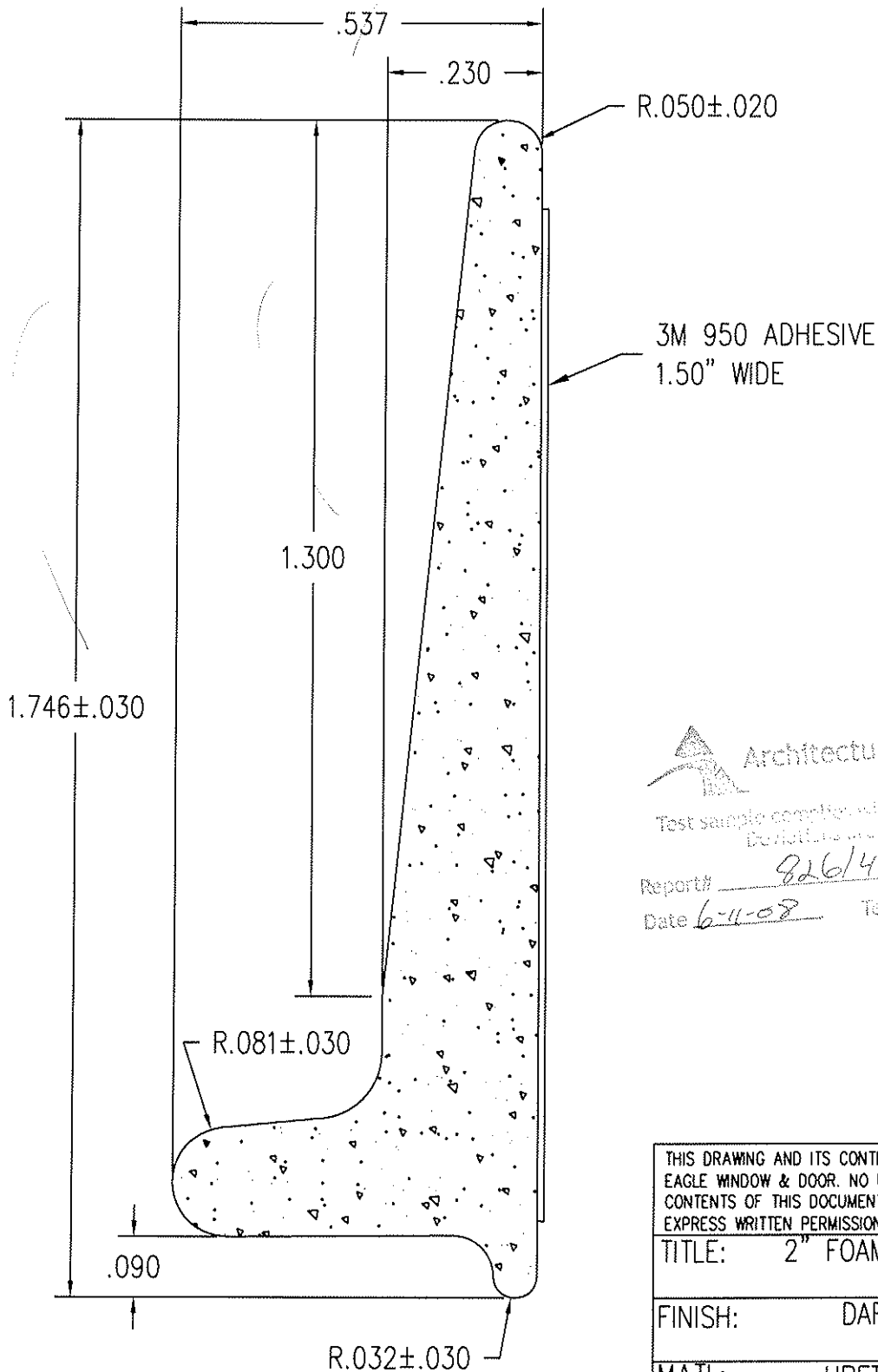


- R .028 (6)
- R .031 (2)

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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
DCN:	0794
DATE:	3/2/2004
SCALE:	1=1
DRWG:	A63W
	A 01 OF 05

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. APPROVED VENDOR: SCHLEGEL



Architectural Testing
 Test sample completed with the following details.
 Report# 926/4
 Date 6-11-08 Tech JG

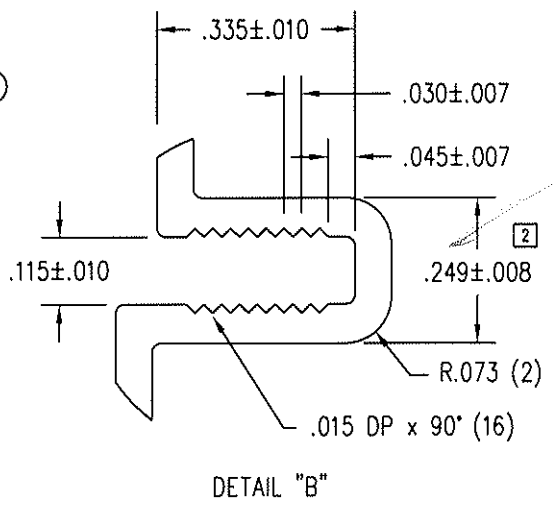
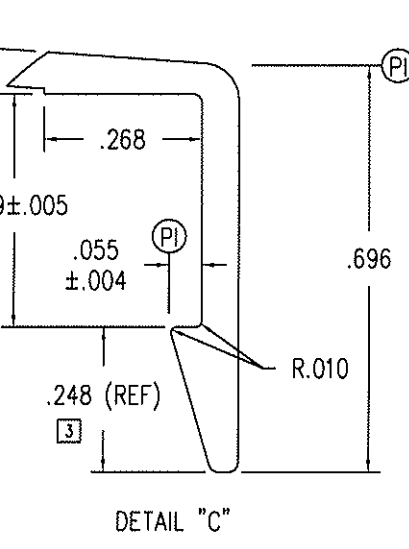
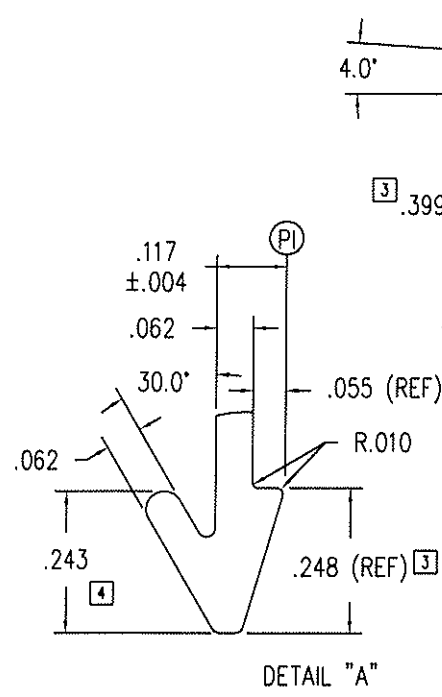
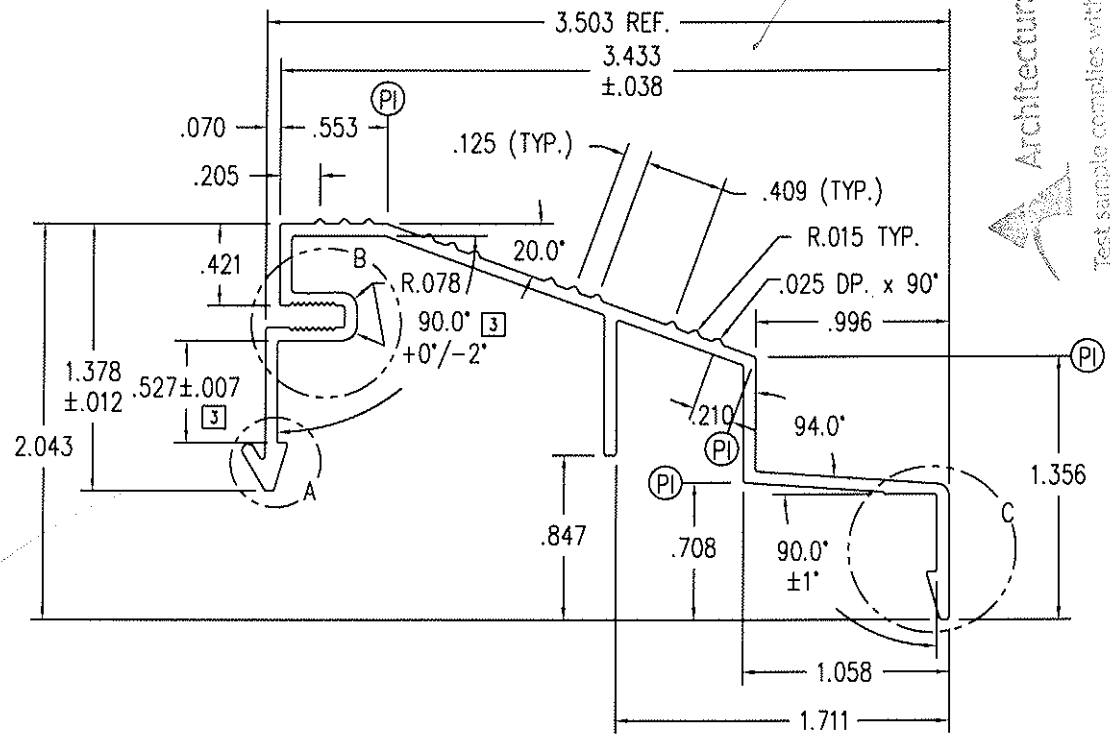
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TITLE: 2" FOAM CORNER PAD	
FINISH: DARK BRONZE	
MATL: URETHANE FOAM Q-LON SKIN	
DFT: JH	SCALE: 4=1
DCN: 0794	DRWG: A58N
DATE: 7/22/2003	A 01 OF 01

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.

Architectural Testing
 Test sample complies with these details.
 Deviations are noted.

Report # 8264
 Date 6-11-08 Tech JB

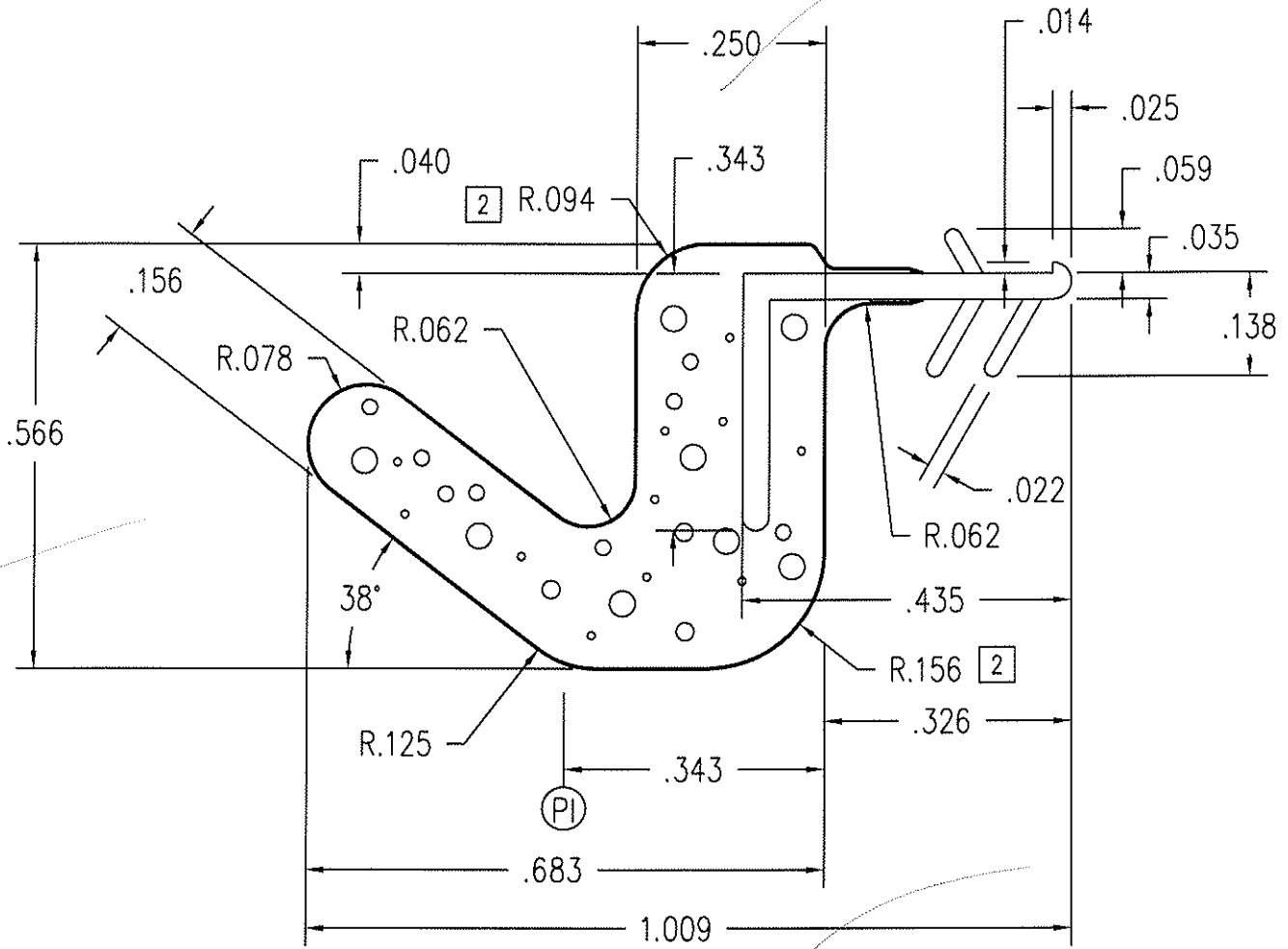


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TITLE:	INSWING HINGED DOOR 4 9/16" SILL CAP	
FINISH:	DARK BRONZE ANODIZED	
MATL:	6063 T-6 ALUMINUM	
DFT:	AWW	SCALE: 1=1
DCN:	0794	DRWG: A63P
DATE:	1/21/2003	A 01 OF 04

NO	DESCRIPTION	DFT	DOC	DATE
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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. APPROVED VENDOR: SCHLEGEL



Architectural Testing
 No use or reproduction of these details
 without permission.
 Report # 82614
 Date 6-1-08 Tech JK

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TITLE:	EAGLE DOOR SEAL (JAMB)
FINISH:	DARK BRONZE
MATL:	URETHANE FOAM Q-LON SKIN
DFT:	AWW
SCALE:	4=1
DCN:	0794
DRWC:	A62G
DATE:	10/30/2003
	A 01 OF 05

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 $\pm 1/2^\circ$.

o = .031 RADIUS

2. TYPICAL WALL = .090, UNLESS NOTED.

3. BREAK ALL CORNERS .015 UNLESS NOTED.

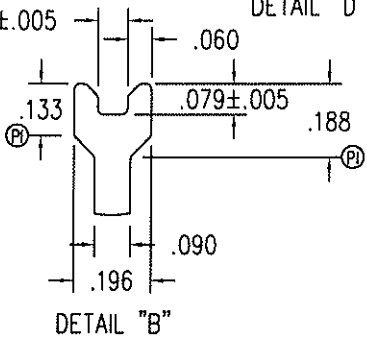
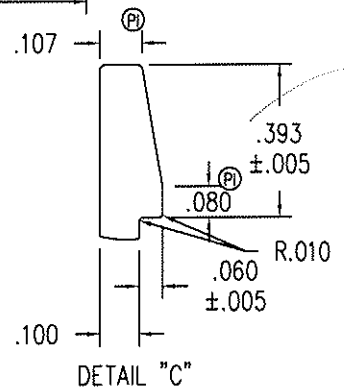
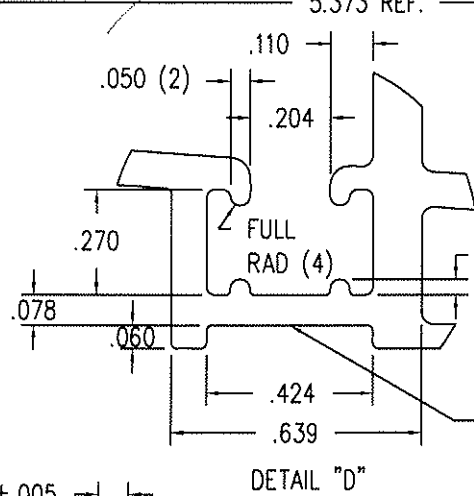
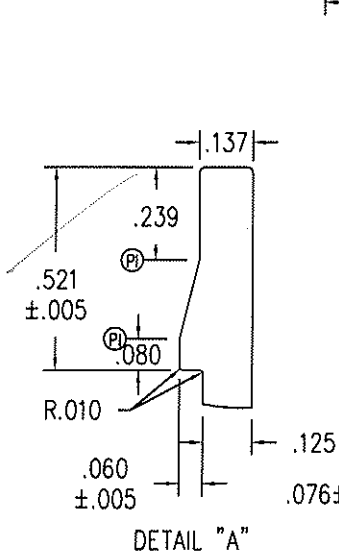
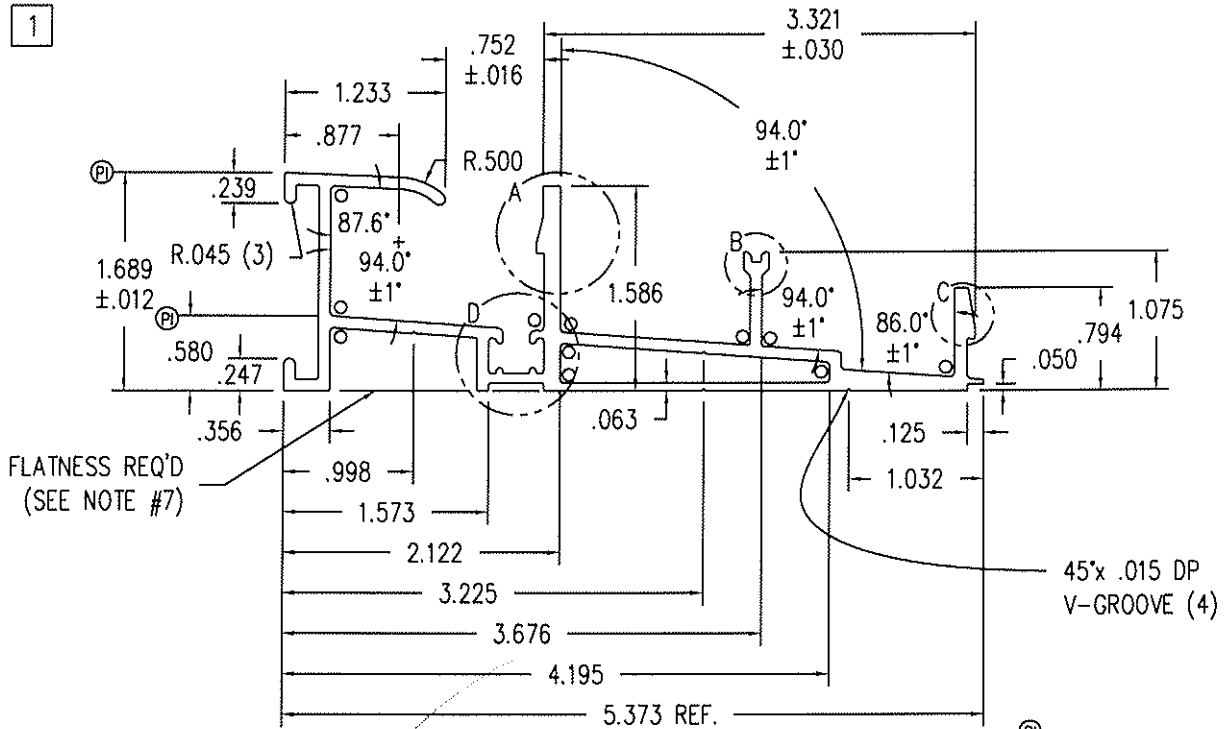
4. POLYURETHANE THERMAL CONDUCTIVITY VIA ASTM C-518 IS .0913 BTU/HR-FT-DEGREE.

5. TOTAL AREA (NOT INCLUDING BREAK) = 1.357 SQ. IN.

6. CLEAR ANODIZED PART NO. = # 70531, DARK BRONZE ANODIZED PART NO. = # 604595. 2

7. FLATNESS OF +/- .004 PER INCH OF PROFILE WIDTH REQUIRED.

1



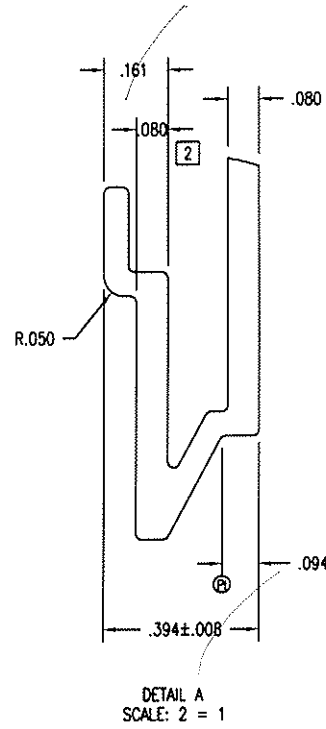
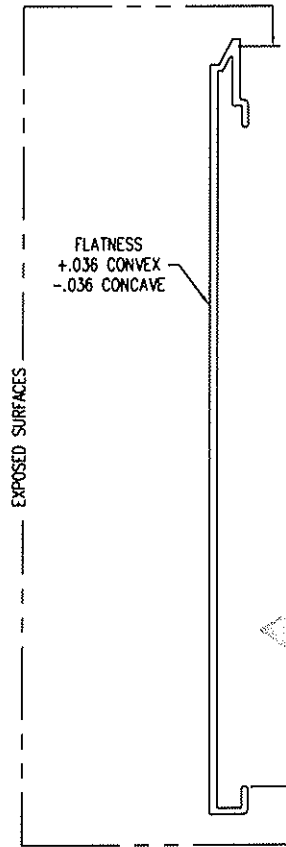
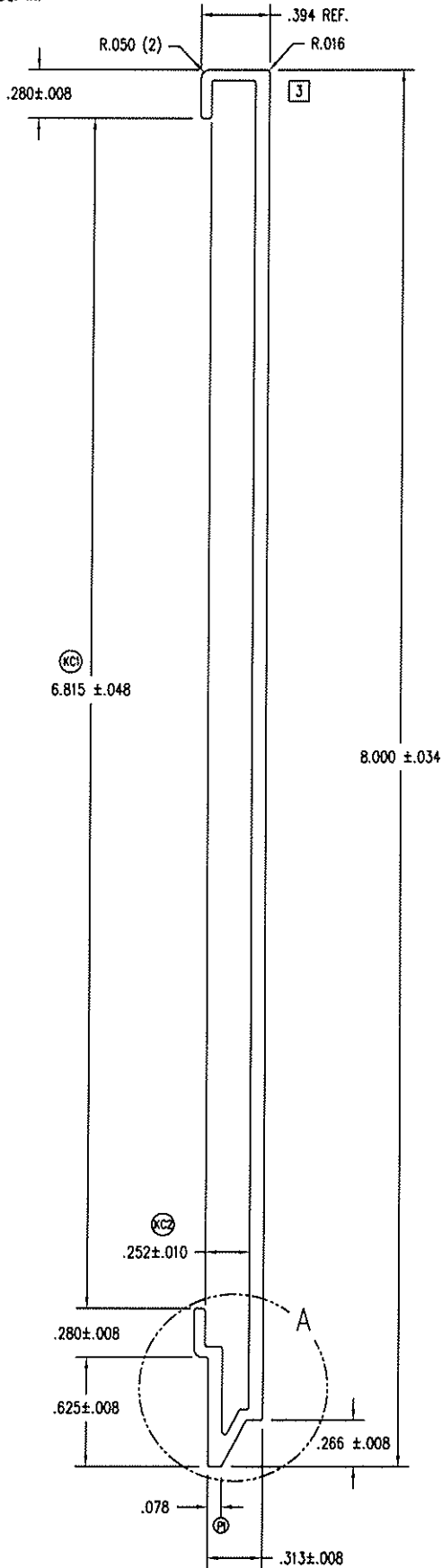
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TITLE:	I/S HINGED DOOR 4 9/16" SILL BASE THERMALLY BROKEN
FINISH:	CLEAR ANODIZED
MATL:	6063 T-6 ALUMINUM
DFT:	TWN
SCALE:	1=1 1/2
DCN:	0794
DRWG:	A659
DATE:	6/16/2004
A	01 OF 03

Architectural Testing

Report # 82614
 Date 6-11-08 Tech 16

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

- 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.



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.
 TITLE: 8" PANEL CLADDING INTERLOCK FIT
 FINISH: EAGLE'S STD. COLORS
 MATL: 6063 T-6 ALUMINUM

03	MADE CORNER RADIUS .015	AWW	PRE	10/7/04			
02	MADE WALL .080, NOT .062	AWW	PRE	6/28/04	DFT:	AWW	SCALE: 1=1
01	REMOVED "BUMPS"	TWN	PRE	5/5/04	DCN:	0736	DRWG: 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°.

2. BREAK ALL CORNERS .015, UNLESS NOTED.

3. POST DOORS & STAT/STAT DOORS: 2
 L (SILL PART) = (AFW/2) - 2.125.
 L (HEAD PART) = (AFW/2) - 2.125.
 L (JAMB PARTS) = AFH - 2.000.

1

SIDELITES:

L = AFW - 2.500.
 L = AFH - 2.000.
 L = AFH - 1.062. (FOR ADA SILL)

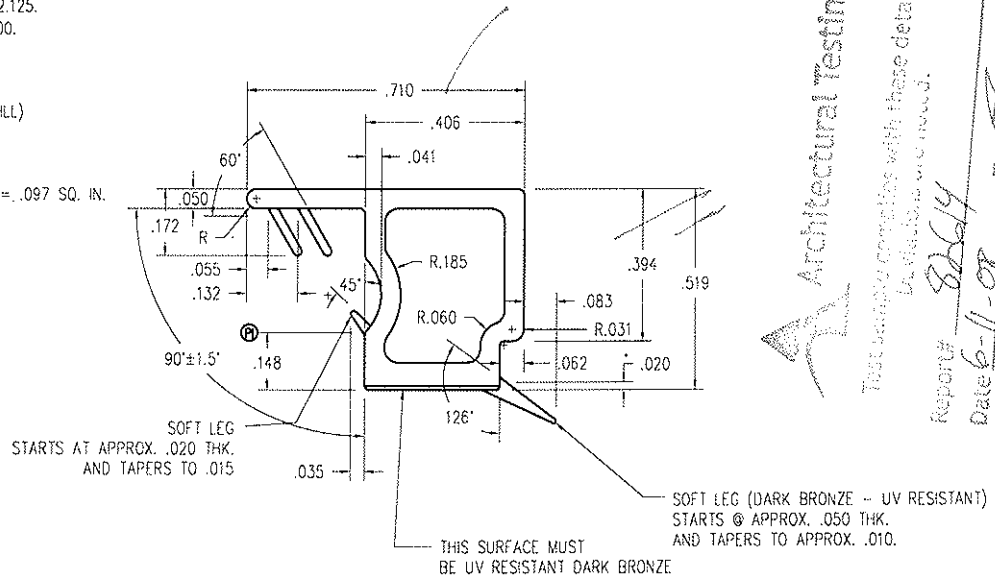
TRANSOMS:

L = AFW - 1.500.
 L = AFH - 2.625.

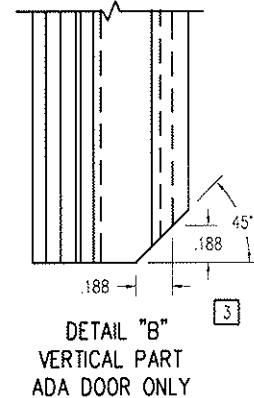
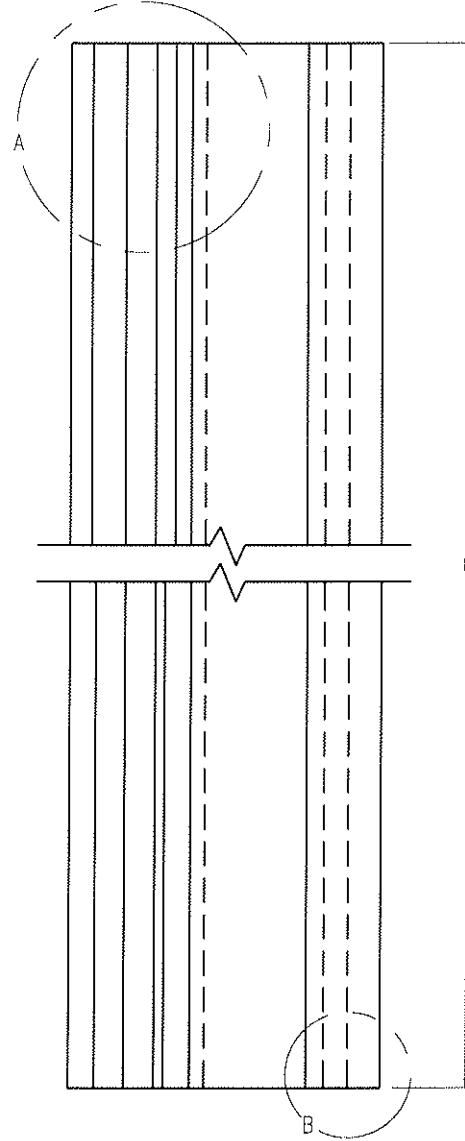
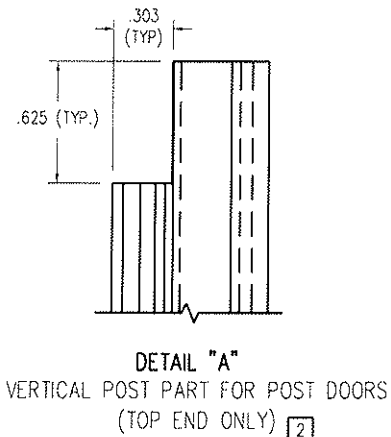
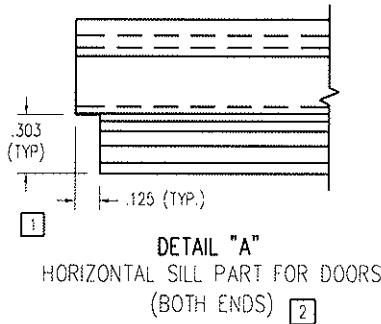
4. RIGID AREA (MINUS CAPSTOCK) = .097 SQ. IN.

5. TYPICAL WALL = .050 THK.

6. SOFT DUROMETER LEGS HERE.



Architectural Testing
 That compares materials with these details.
 In detail as we need it.
 Report# 80664
 Date 6-11-07
 Tech



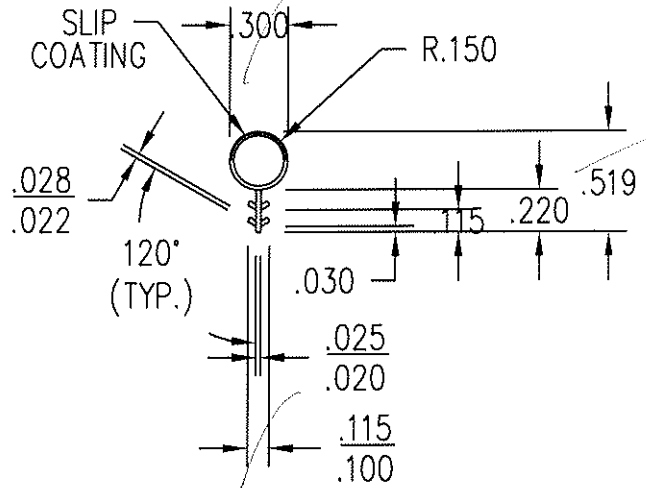
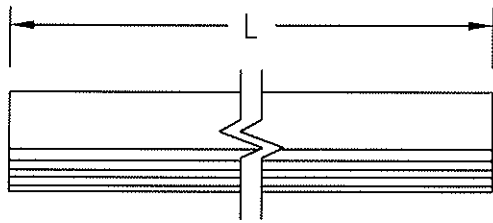
TOLERANCES (UNLESS NOTED)		
.000 - .125		±.010
.125 - .500		±.015
.500 - 2.00		±.020
2.00 - 4.00		±.030
4.00 - 5.00		±.040
WALLS		±.005
ANGLES		±3°

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TITLE: CQFT - SIDELITE
 SPACER SHIM
 FINISH: GRAY BASE
 DARK BRONZE CAP
 MATL: CPVC (DUAL DUROMETER)

03	ADDED DETAIL B	TWN	1069	3/11/07	DFT	AWW	SCALE: 2=1
02	CHANGED TEXT	TWN	1059	11/14/06	DCN	0794	DRWG: A616
01	CHG'D FORMULAS	JH	0794A	10/11/05	DATE:	7/17/2003	C 01 OF 01
NO	DESCRIPTION	DFT	DOC	DATE	DATE:	7/17/2003	C 01 OF 01

- 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. .023/.017 TYP. WALL FLEX. .036/.030 TYP. WALL RIGID.
3. CLAD INSWING, WOOD INSWING, SINGLE PANEL: L = FRAME WIDTH - 1.812.



CLAD INSWING, ACTIVE PANEL	
FRAME WIDTH	L
24 1/2	22 11/16
30 1/2	28 11/16
32 1/2	30 11/16
36 1/2	34 11/16
48 1/16	22 11/16
60 1/16	28 11/16
64 1/16	30 11/16
72 1/16	34 11/16

*Test sample provided with dimensions
 Report # 82614
 Date: 6-11-08*

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TITLE: APTUS BULB WEATHERSTRIP

FINISH:

MATL: SLIPCOATED DUAL DUROMETER PROPYLENO/ETHYLONE COPOLYMER

DFT: CRC SCALE: 1=1
 DCN: 0736 DRWG: A661
 DATE: 7/15/2004 A 01 OF 01

NO	DESCRIPTION	DFT	DOC	DATE

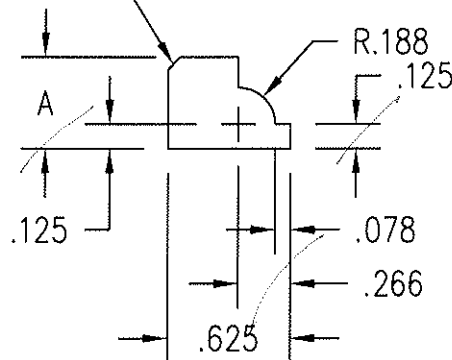
NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.005; FRAC. ±1/64; ANGLES ±1/2°.

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

82614
6-11-08 TC

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

.062 x .062 CHAMFER



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TITLE: COLONIAL GLAZING STOP

FINISH:

MATL: EAGLE STD WOOD OFFERINGS

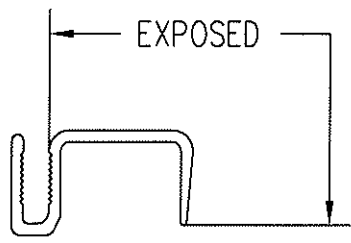
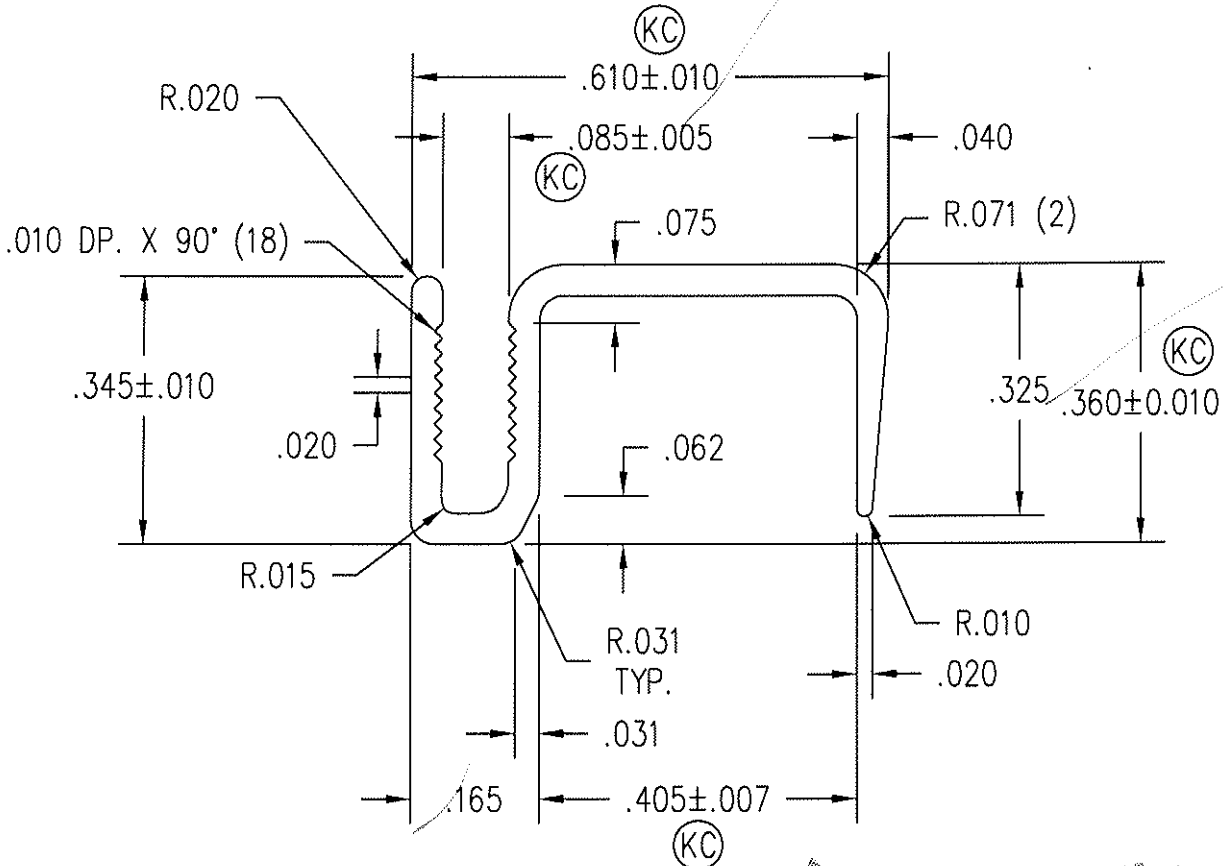
DFT: JMH SCALE: 1=1

DCN: 0650 DRWG: 220J

DATE: 5/29/2002 A 01 OF 03

04	ADDED CDHG PICT TO CHART	KJS	0881	3/6/07
03	ADDED SIZE FOR IMPACT GLAZING	TWN	0972	9/1/05
02	CHG'D CLAD PANEL STOP "A" DIM	JH	0794	6/30/05
01	ADDED KYLER BLIND SIZE	TWN	0910	4/19/05
NO	DESCRIPTION	DFT	DOC	DATE

- 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

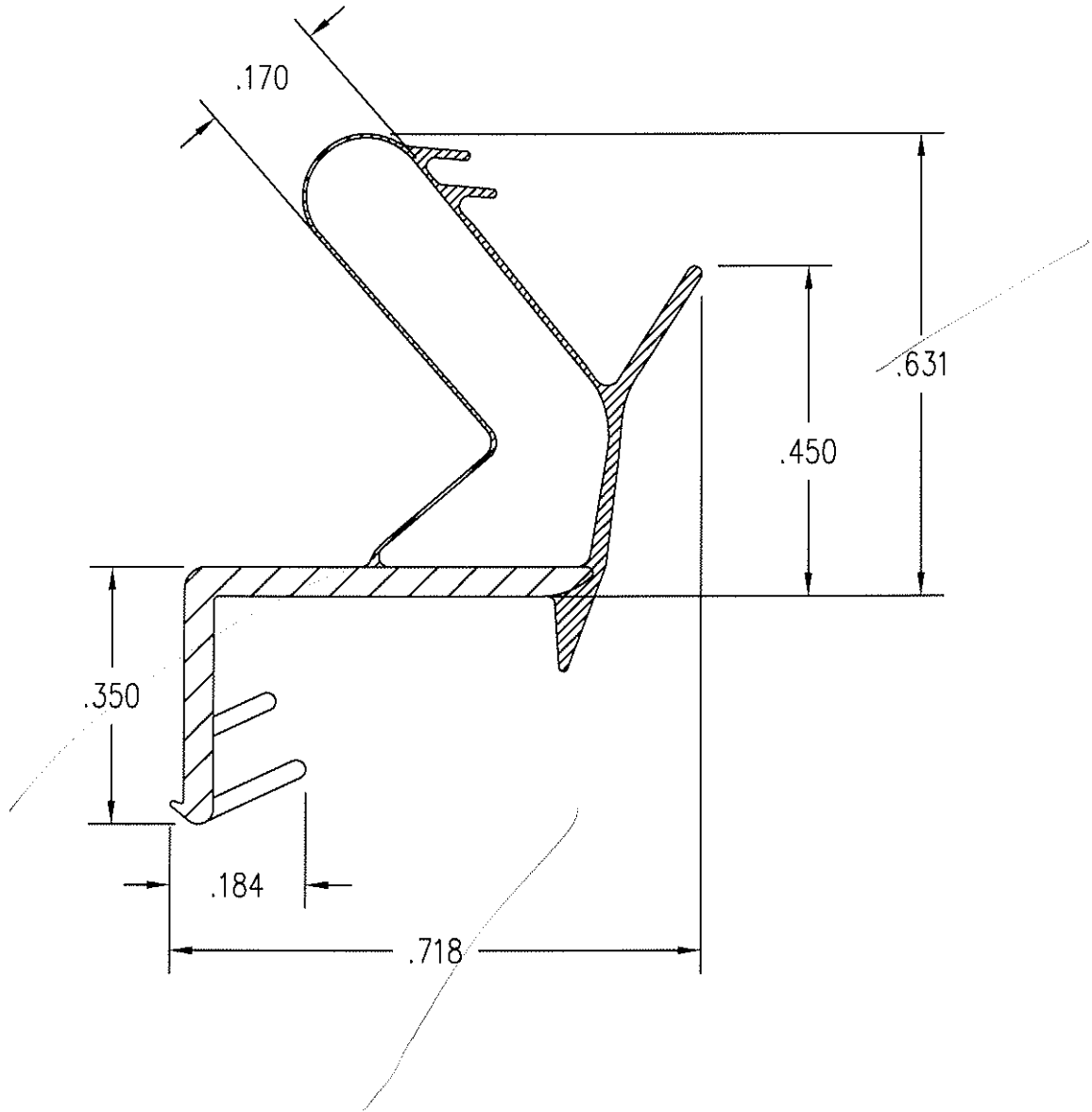
Test sample conforms with these details.
 Conditions are noted.


Report# 82614
 Date 6-11-07 Tech TC

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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
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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. APPROVED VENDOR: AMESBURY FOAMTITE

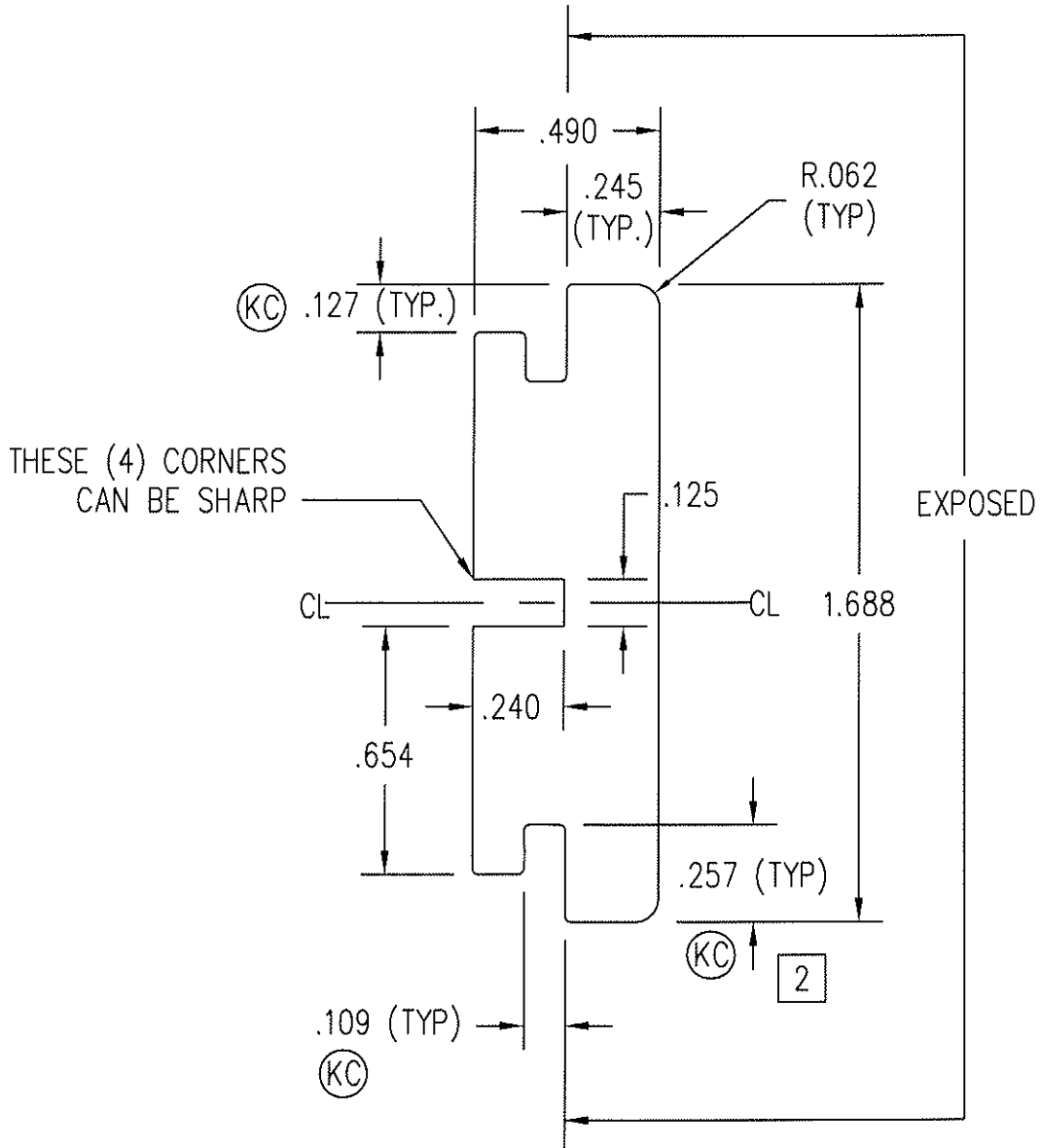



Architectural Testing
 Test reports on all types of doors, windows, and frames.
 Reports: 82614
 Date: 6-11-08 Tech: TB

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TITLE: FOAM WEATHERSTRIP	
FINISH:	
MATL: TPE FOAM - PVC SKIN	
DFT: TWN	SCALE: 4=1
DCN: 0794	DRWG: A59Y
DATE: 6/10/2003	A 01 OF 02

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. BREAK ALL CORNERS .015, UNLESS NOTED.



Architectural Testing

This profile complies with these details.
 for other use, notify.

Report 82614
 Date 6-11-08 Tech TC

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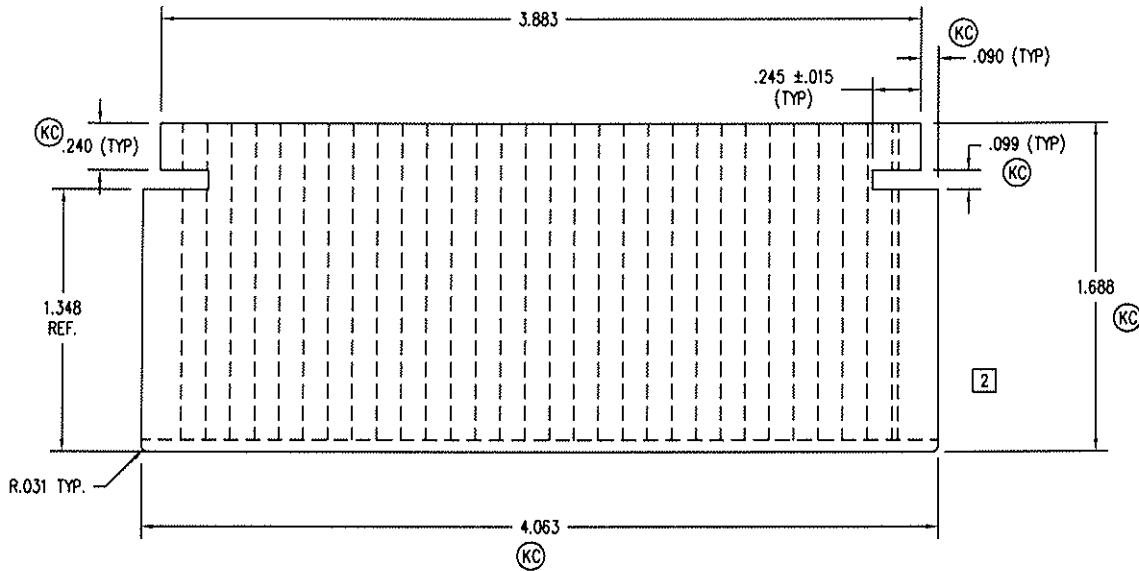
TITLE: INSWING DOOR
 INTERIOR SILL TRIM


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. ± 0.10 ; 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 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.), SOUND, TIGHT KNOTS AND SMALL PITCH POCKETS (LESS THAN $1/4"$ DIA. x $1/2"$ LENGTH).

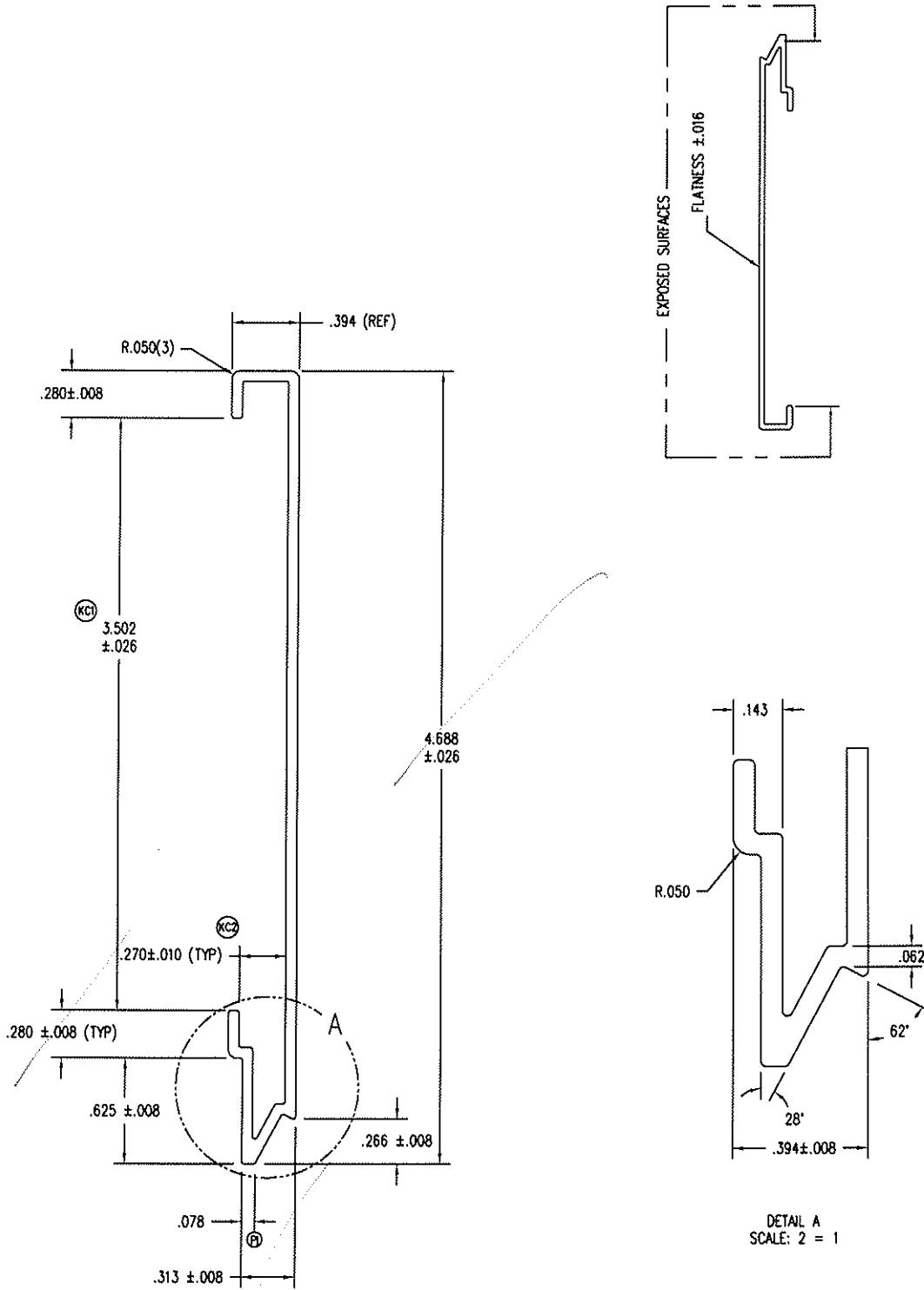



Architectural Testing
 Test sample complies with these details.
 In accordance with...
 Report # 82614
 Date 6-11-08 Tech IC
SL

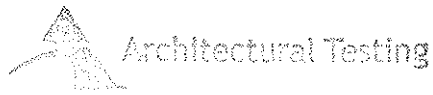
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TITLE: 4 11/16" STILE / RAIL			
FINISH: PRESERVATIVE (SEE #A02J) ALSO (INT. A02F)			
04 CHNGD PROFILE	TWN	PRE	3/22/05
03 1.04 (TYP) READ .086	AWW	PRE	10/18/04
02 REMVD ANGLE FROM GLASS SHELF	AWW	PRE	10/3/04
01 CHNGD TO MATCH 20A1	AWW	PRE	6/28/04
NO	DESCRIPTION	DFT	DOC
		DATE	DATE: 8/28/2003
		SCALE:	SCALE: 1=1
		DCN:	DCN: 0736
		DRWG:	DRWG: 2006
		C	C 01 OF 06

- 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 = $.390$ SQ. IN.



DETAIL A
SCALE: 2 = 1



Architectural Testing

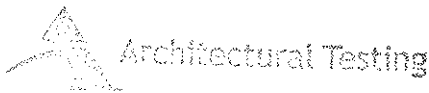
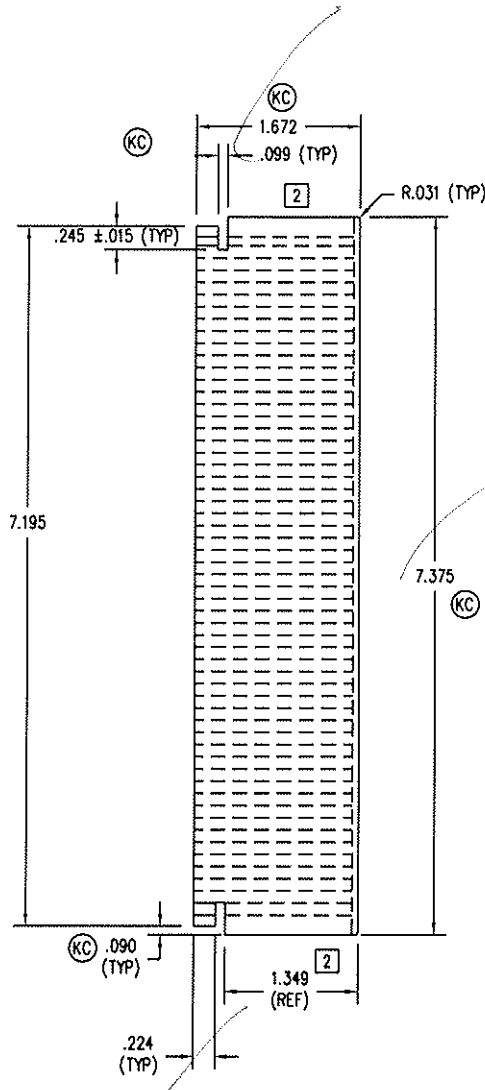
Test sample copy free with test results.

Report # 82-614
 Date 6-11-07 Tech JG

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TITLE: 4 11/16" PANEL CLADDING INTERLOCK FIT	
FINISH: EAGLE'S STD. COLORS	
MAYL: 6063 T-6 ALUMINUM	
DFT: AWW	SCALE: 1=1
DCN: 0794	DRWG: A613
DATE: 7/14/2003	C 01 OF 06

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.010 ; 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 200R.
- 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 200R.
- 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).



This drawing complies with these details.
 Details 200R and 200J.

Project# 22619
 Date 6-11-08 Tech JB



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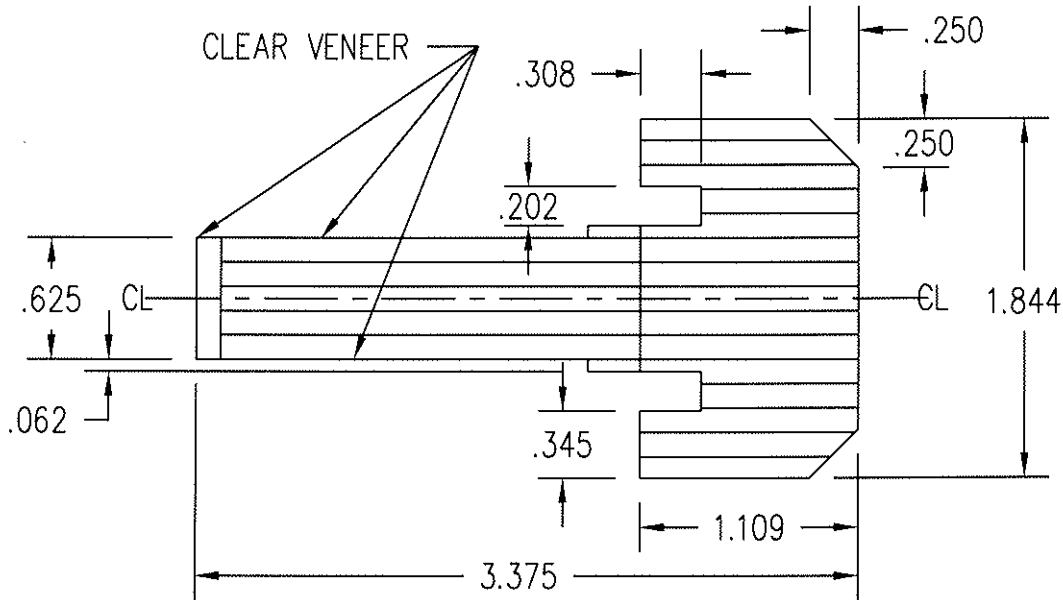
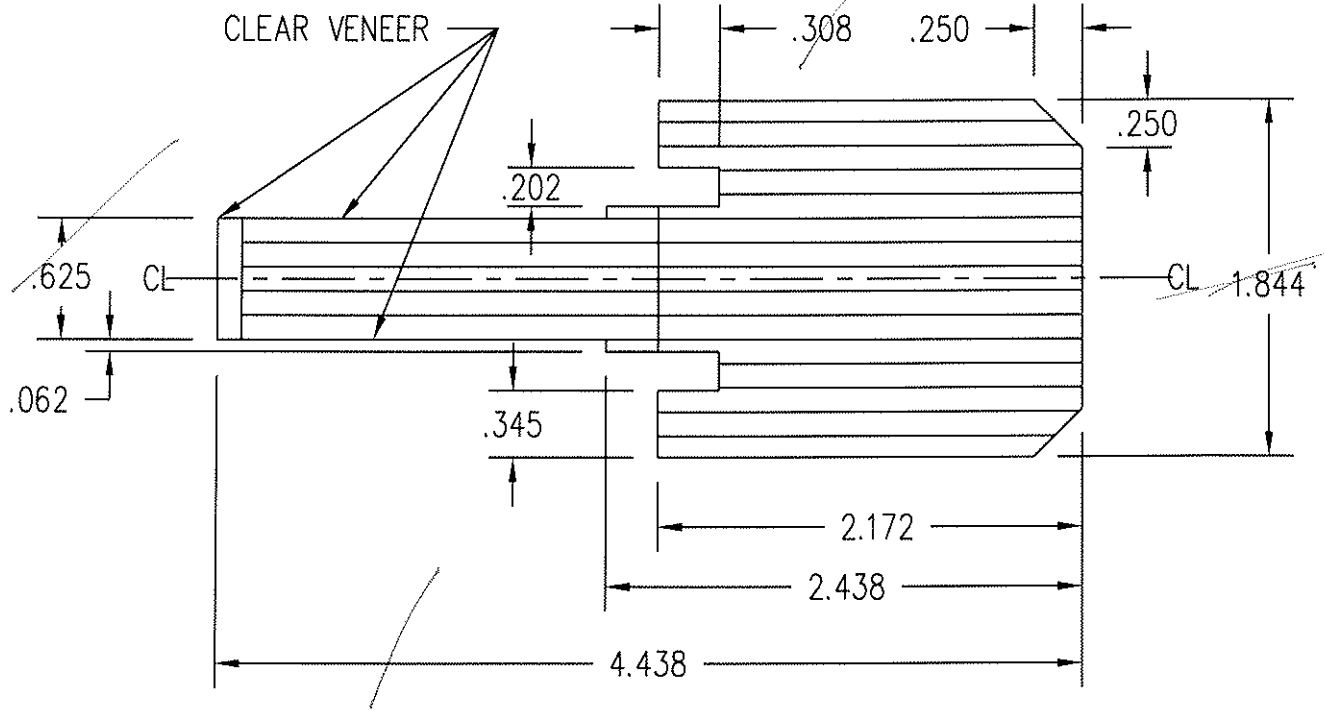
TITLE: 8" BOTTOM RAIL

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

MATL: SEE NOTE #3

NO	DESCRIPTION	DFT	DOC	DATE	DATE	DATE	DATE
04	CHNG'D PROFILE	TWN	PRE	3/22/05			
03	.073 WAS .056	AWW	PRE	10/18/04			
02	.015 WAS .094, RMVD ANGLE	AWW	PRE	10/7/04	DFT:	TWN	SCALE: 1=2
01	CHNG'D TO MATCH 2009	AWW	PRE	6/30/2004	DCN:	0736	DRWG: 200J
					DATE:	3/31/2004	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°.



RIPPED DOWN FOR 3 1/2" WALL



Architectural Testing

For a complete specification with these details, please refer to the drawing.

Report # 82614
 Date 6-11-08 Tech 16

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TITLE: CLAD INSWING DOOR
 WOOD POST (CONTINUOUS SILL)

FINISH:

MATL: LVL

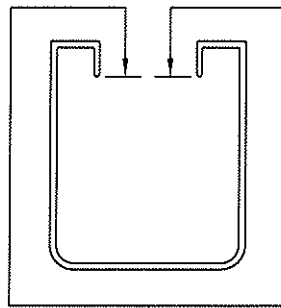
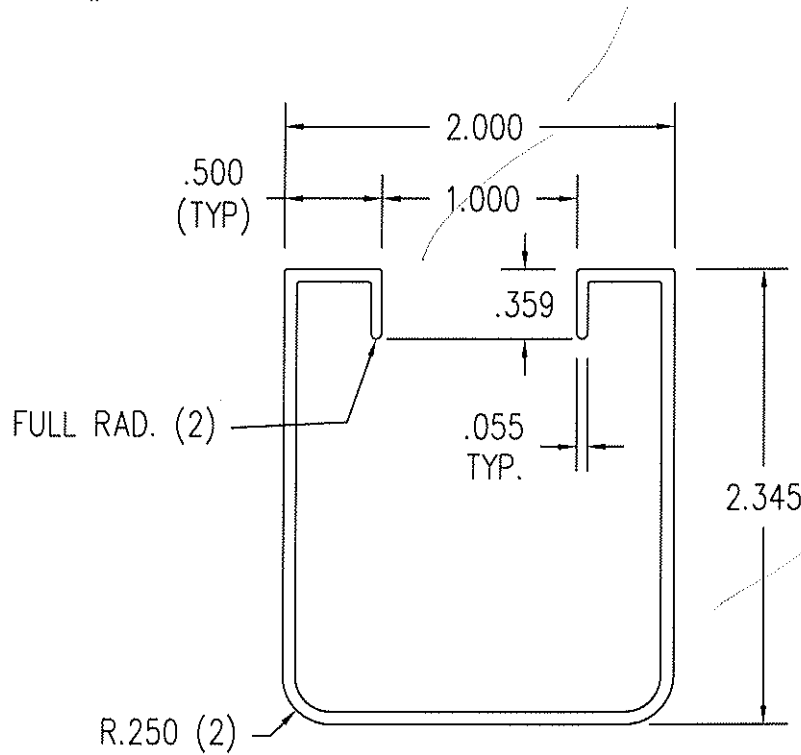
DFT: AWW SCALE: 1=1

DCN: 0794 DRWG: 2230

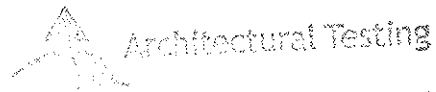
DATE: 6/19/2003 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ± 0.005 ; FRAC. $\pm 1/64$; ANGLES $\pm 1/2^\circ$.
2. TYPICAL WALL = .065, UNLESS NOTED.
3. BREAK ALL CORNERS .015, UNLESS NOTED.
4. AREA = .503 SQ. IN.
5. PART NO. = # M7347



EXPOSED SURFACE
COVERAGE AREA



Verify and compare with these details.
Do not reproduce.

By: 82614
Date: 6-11-08 Tech: TE

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TITLE: INSWING HINGED DOOR
4 9/16" SILL POST EXTRUSION

FINISH: EAGLE'S STD. COLORS

MATL: 6063 T-6 ALUMINUM

DFT: TWN SCALE: 1=1

DCN: 0794 DRWG: A640

DATE: 3/2/2004 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE