

**AAMA/WDMA/CSA 101/LS.2/A440-08  
TEST REPORT**

**Rendered to:**

**EAGLE WINDOW & DOOR, INC.**

**SERIES/MODEL: Ascent Series Clad  
Inswing Venting Sidelite  
PRODUCT TYPE: Aluminum Clad  
Wood Operable Sidelite**

<b>Title</b>	<b>Summary of Results</b>
Primary Product Designator	LC-PG45-SLT 610 x 2438 (24 x 96)
Design Pressure	±2400 Pa (50.0 psf)
Air Infiltration	<0.05 L/s/m <sup>2</sup> (<0.01 cfm/ft <sup>2</sup> )
Water Penetration Resistance Test Pressure	330 Pa (6.75 psf)
Uniform Load Structural Test Pressure	±3600 Pa (75.0 psf)
Forced Entry Resistance	Pass

**Test Completion Date:** 06/23/05

Reference should be made to Report No. 57942.01-201-44, dated 11/26/08 for complete test specimen description and data.

**AAMA/WDMA/CSA 101/I.S.2/A440-08 TEST REPORT**

Rendered to:

EAGLE WINDOW AND & DOOR, INC.  
2045 Kerper Boulevard  
P.O. Box 1072  
Dubuque, Iowa 52004-1072

Report No.: 57942.01-201-44  
Test Date: 06/22/05  
Through: 06/23/05  
Original Report Date: 07/11/05  
Revised Report Date: 11/26/08  
Expiration Date: 06/22/09

**Project Summary:** Architectural Testing, Inc. was contracted by Eagle Window & Door, Inc. to perform testing on a Series/Model Ascent Series Clad Inswing Venting Sidelite, Aluminum Clad Wood Operable Sidelite. The sample tested successfully met the performance requirements for an LC-PG45-SLT 610 x 2438 (24 x 96) rating. Test specimen description and results are reported herein.

**Test Specification:** The test specimen was evaluated in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-08, *NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*.

**Test Specimen Description:**

**Series/Model:** Ascent Series Clad Inswing Venting Sidelite

**Product Type:** Aluminum Clad Wood Operable Sidelite

**Overall Size:** 622 mm (24-1/2") wide by 2438 mm (96") high

**Sash Size:** 576 mm (22-11/16") wide by 2367 mm (93-3/16") high

**Screen Size:** 603 mm (23-3/4") wide by 2423 mm (95-3/8") high

**Overall Area:** 1.52 m<sup>2</sup> (16.33 ft<sup>2</sup>)

**Finish:** Exterior cladding was painted; interior wood was natural.

**Test Specimen Description:** (Continued)

**Frame Construction:** The frame was comprised of aluminum extrusions slip fit over wood side and head jambs. At the head, the aluminum frame joints were mitered, sealed with silicone and secured by a corner key and two #8 by 11 mm (7/16") screws. The wood jambs were sealed with silicone and fastened with three #8 by 43 mm (1-3/4") screws per corner. The sill was comprised of extruded aluminum with an oak sill trim. The sill was butted to the side jamb, sealed with silicone and fastened with one #8 by 43 mm (1-3/4") screw and two #8 by 64 mm (2-1/2") screws per corner.

**Panel Construction:** The wood stiles and rails were joined by two 19 mm (3/4") by 102 mm (4") hardwood dowels secured with glue and one 64 mm (2-1/2") by 1.97 mm (0.077") diameter brad. 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>
6 mm (1/4") PCV bulb	1 Row	Bottom rail of panel
Q-Ion leaf seal	1 Row	Perimeter of frame and astragal

**Glazing Details:** Both door panels utilized a 19 mm (3/4") thick insulating glass unit, fabricated from two nominal 4 mm (5/32") tempered sheets separated by an stainless steel spacer system. The glass was set from the interior against a butyl tape. Wood glazing stops with a single sided adhesive foam tape were utilized on the interior and secured with 32 mm (1-1/4") brad nails spaced 25 mm (1") from each corner and 152 mm (6") to 203 mm (8") on center.

**Hardware:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Hinge	4	203 mm (11") and 914 mm (36") from top and bottom of panel
3 point locking mechanism	1	Locking stile

**Installation:** The door was installed within a wood test frame and secured through the jambs with two #8 by 54 mm (2-1/8") screws through strike plate at midspan into buck. The frame was additionally secured by use of two #10 by 64 mm (2-1/2") wood screws in each hinge. The sill was sealed to the test frame with silicone.

**Test Results:** The temperature during testing was 21°C (70°F). The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
5.3.2	Air Leakage Resistance per ASTM E 283		
	75 Pa (1.6 psf)	<0.05 L/s/m <sup>2</sup> (<0.01 cfm/ft <sup>2</sup> )	1.5 L/s/m <sup>2</sup> (0.30 cfm/ft <sup>2</sup> max.)
	300 Pa (6.2 psf)	<0.05 L/s/m <sup>2</sup> (<0.01 cfm/ft <sup>2</sup> )	-- --

**Note #1:** *The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440-08 for air leakage resistance.*

5.3.3.2	Water Penetration Resistance per ASTM E 547 and 331		See Note #2
5.3.4.2	Uniform Load Deflection per ASTM E 330		See Note #2
5.3.4.3	Uniform Load Structural per ASTM E 330		See Note #2

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

5.3.5	Forced Entry Resistance per AAMA 1304-02		
	1330 N (300 lbf) point load		
	Top lockstile corner	No entry	No entry
	Bottom lockstile corner	No entry	No entry
	Above lock	No entry	No entry

#### Optional Performance

4.3.2.1	Water Penetration Resistance per ASTM E 547 and 331 (with and without insect screen)		
	330 Pa (6.75 psf)	No leakage	No leakage
4.3.2.1	Uniform Load Deflection per ASTM E 330 (Deflections were taken on the lock stile between lock and top shoot bolt) (Loads were held for 60 seconds)		
	2400 Pa (50.0 psf) (positive)	3.6 mm (0.14")	No damage
	2400 Pa (50.0 psf) (negative)	1.8 mm (0.07")	No damage

**Test Results:** (Continued)

Optional Performance: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
4.3.2.1	Uniform Load Structural per ASTM E 330 (Permanent sets were taken on the lock stile between lock and top shoot bolt) (Loads were held for 10 seconds)		
	3600 Pa (75.0 psf) (positive)	0.8 mm (0.03")	5.6 mm (0.22") max.
	3600 Pa (75.0 psf) (negative)	<0.3 mm (<0.01")	5.6 mm (0.22") 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 and are representative of the test specimen reported herein.

**List of Official Observers:**

<u>Name</u>	<u>Company</u>
Karl A. Lips-Eakins	Architectural Testing, Inc.
Jason A. Needham	Architectural Testing, Inc.
Eric J. Schoenthaler	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.

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Eric J. Schoenthaler  
Project Manager

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Daniel A. Johnson  
Director – Regional Operations

EJS:mb

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

Appendix A: WDMA Submittal Forms (2)

Appendix B: Drawings (22)

### Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	07/11/05	N/A	Original report issue
1	11/26/08	All	Test report results conducted prior to 2008 standard being published; report is as compared to 2008 standard. Report and drawings forwarded to AMS for Hallmark Certification.



## **Appendix A**

### **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](mailto:staff@amscert.com).

Manufacturer: Eagle Window and Door, Inc.

Contact: Todd Bergstrom

Plant Location(s):  
(list all plants where product is made)  
2045 Kerper Blvd. Dubuque, IA 52004-1072

Phone: 563-556-2270

Test Report #: 57942.01-201-44-R1

Email: tbergstrom@eaglewindow.com

Product Relationship:

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

If yes, what CCL # ? 099-H-637.00

Difference from Certified Product: Report re-written to A440.08 standard.

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 Clad Inswing Venting Sidelight  
(as to be listed on CCL)

Product Type:

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 type="checkbox"/>	101/I.S.2/NAFS-02	_____
<input type="checkbox"/>	AAMA/WDMA/CSA/101/I.S.2/A440-05	_____
<input checked="" type="checkbox"/>	AAMA/WDMA/CSA/101/I.S.2/A440-08	LC-PG45-SLT +50/-50
<input type="checkbox"/>	ASTM E 1996 99 / E1886-97	_____
<input type="checkbox"/>	ASTM E 1996 01 / E1886-97	_____
<input type="checkbox"/>	ASTM E 1996 02 / E1886-02	_____
<input type="checkbox"/>	ASTM E 1996 03 / E1886-02	_____
<input type="checkbox"/>	ASTM E 1996 04 / E1886-04	_____
<input type="checkbox"/>	ASTM E 1996 05 / E1886-05	_____
<input type="checkbox"/>	ASTM E330 02	_____
<input type="checkbox"/>	ANSI A250.13-03	_____
<input type="checkbox"/>	TAS 201-94	_____
<input type="checkbox"/>	TAS 202-94	_____
<input type="checkbox"/>	TAS 203-94	_____
<input type="checkbox"/>	Other:	_____
		_____

**Appendix B**

**Drawings**

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
6	A63P	CFDI 4 9/16" SILL CAP	1	ALUMINUM	BONNELL
7	A63X	6 9/16" WALL JAMB CLADDING	2	ALUMINUM	PRIES
8	A68D	OPER. SDLT HANDLE ASSEMBLY	1	SS	FPL
9	A63W	4 9/16" WALL HEAD CLADDING	1	ALUMINUM	PRIES
10	221M	SIDE JAMB	1	WOOD	EAGLE WINDOW & DOOR
11	A05X	#10-24 THREADED INSERT	1	ZINC	ABILITY FASTENERS
12	A62G	FRAME WEATHERSTRIP	2	URETHANE FOAM	SCHLEGEL
13	A39A	#10-24 x 5/8" FH. MS. (HINGE TO THREADED INSERT)	AS REQUIRED	STEEL	ABILITY FASTENERS
14	A659	4 9/16" SILL BASE	1	ALUMINUM	BONNELL
15	A39W	#7 x 1 1/4" FHSMS S.S.	AS REQUIRED	SS	ABILITY FASTENERS
16	A63R	CFDI 6 9/16" SILL CAP	1	ALUMINUM	BONNELL
17	A43D	2 1/2" BRAD .077 DIA.	4	GALVANIZED STEEL	CARLSON
18	A28T	#8 x 2 1/2" FHSMS	4	STEEL	ABILITY FASTENERS
19	A02E	#8 x 1 3/4" FHWS Z & Y	AS REQUIRED	STEEL	SILLCVRSR
20	A63X	6 9/16" WALL HEAD CLADDING	1	ALUMINUM	PRIES
21	A64K	8" BOTTOM RAIL CLADDING	1	ALUMINUM	PRIES
22	A63N	6 9/16" SILL BASE	1	ALUMINUM	BONNELL
23	A661	LOWER PANEL WEATHERSTRIP	1	PVC	SCHLEGEL
24	220J	VERTICAL COLONIAL GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
25	201B	VERTICAL COPED GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
26	A100	NYLON CORNER KEY	2	NYLON	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 FHSMS S.S.	4	SS	ABILITY FASTENERS
30	A59Y	SILL WEATHERSTRIP	1	PVC	AMESBURY FOAMTITE
31	A62G	FRAME WEATHERSTRIP	1	URETHANE FOAM	SCHLEGEL
32	220N	HORIZONTAL COLONIAL GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
33	201J	HORIZONTAL COPED GLAZING STOP	2	WOOD	EAGLE WINDOW & DOOR
34	A515	#12 x 2 1/2" FHWS S.S.	AS REQUIRED	SS	ABILITY FASTENERS
35	A516	#12 X 1 1/2 FH. WS. (FPL)	AS REQUIRED	STEEL	ABILITY FASTENERS
36	A40F	1 1/4" 18GA HARD STL BRAD	AS REQUIRED	STEEL	PACKAGING INC.
37	2225	OAK SILL TRIM	1	OAK	EAGLE WINDOW & DOOR
38	A52X	4 9/16" SILL FOAM TAPE	2	PVC	CLIM-A-TECH
39	A264	ADHESIVE TAPE	2	POLYETHYLENE	ADHESIVE RESEARCH
40	A52Y	6 9/16" SILL FOAM TAPE	2	PVC	CLIM-A-TECH
41	A08R	AQUA-CRYLIC SEALANT	AS REQUIRED	ACRYLIC SEALANT	WHITECAULK
42	A00E	GLASS SETTING BLOCK, NEOPRENE	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
43	A622	4 9/16" SILL JAMB FOAM PAD	2	PVC	CLIM-A-TECH
44	20D5	2 3/4" HINGE STILE	1	WOOD	PAC. WOOD LAMINATES
45	20D8	2 3/4" OPER. SDLT LOCK STILE	1	WOOD	PAC. WOOD LAMINATES
46	A61N	2 3/4" STILE CLADDING	2	ALUMINUM	PRIES
47	A623	6 9/16 SILL JAMB FOAM PAD	AS REQUIRED	PVC	CLIM-A-TECH
48	A67F	#8 X 1 1/2" FHSMS S.S.	1	PVC	ABILITY FASTENERS
49	A613	4 11/16" TOP RAIL CLADDING	1	ALUMINUM	PRIES
50	A47K	HINGE CUP	AS REQUIRED	NYLON	LAKE COUNTRY SALES
51	A01A	SEALANT BUTYL TAPE	AS REQUIRED	BUTYL RUBBER	PTI INC.
52	A08K	GLAZING SHIM	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
53	A47J	HINGE SHIM	AS REQUIRED	NYLON	LAKE COUNTRY SALES
54	20DJ	8" BOTTOM RAIL	1	WOOD	PAC. WOOD LAMINATES
55	20D9	4 11/16" TOP RAIL	1	WOOD	PAC. WOOD LAMINATES
56	A09D	#5 X 1 3/4 FH. S.S.	AS REQUIRED	SS	ABILITY FASTENERS
57	A00R	#7 X 5/8" FHSMS S.S.	AS REQUIRED	SS	ABILITY FASTENERS
58	A00T	#7 X 7/8" FHWS S.S.	AS REQUIRED	SS	DECO PRODUCTS CO.
59	20A4	WOOD DOWEL	AS REQUIRED	WHITE BIRCH	EXCEL DOWEL
60	A68C	FPL TOP EXTENSION	AS REQUIRED	SS	FPL
61	A68B	FPL LOCKING MECHANISM	1	SS	FPL
62	A49P	COMMERCIAL HINGE	AS REQUIRED	BRASS	FPL
63	A47A	DUST CUP FOR LATCH STRIKE	1	NYLON	LAKE COUNTRY SALES
64	A517	LATCH STRIKE	1	BRASS	FPL
65	A019	3/4" INSULATED GLASS	1	GLASS	CARDINAL IG
66	A32Y	SINGLE PANE GLASS (MONOLITHIC)	1	GLASS	CARDINAL IG
67	A699	PANEL WEDGE	4	NYLON	LAKE COUNTRY SALES



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# 57942  
Date 4/22-4/23/05 Tech JPK

TITLE: CLAD I/S OPER SDLT UNIT ASSEMBLY	
FINISH:	
MATL:	
DFT: JH	SCALE: 1=1
DCN: 0794	DRWG: 0489
DATE: 6/22/01	C 10

NO	DESCRIPTION	DFT	DOC	DATE
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NO.	DWG. NO	PART DESCRIPTION	QUANTITY	MATERIAL	SUPPLIER
67	A65C	OPER. SDLT HEAD STRIKE		SS	EAGLE WINDOW & DOOR
68	A65D	OPER. SDLT SILL STRIKE		SS	EAGLE WINDOW & DOOR
69	A63T	3 1/2" WALL JAMB CLADDING	2	ALUMINUM	BONNELL
70	A601	3 1/2" SILL (END) PAD	2	PVC	CLIM-A-TECH
71	A69D	JAMB RISER BLOCK (3 1/2" WALL)	2	NYLON	LAKE COUNTRY SALES
72	A602	3 1/2" SILL JAMB FOAM PAD	2	PVC	CLIM-A-TECH
73	A68F	3 1/2" WALL SILL BASE	1	ALUMINUM	BONNELL
74	A64F	3 1/2" WALL SILL CAP	1	ALUMINUM	BONNELL
75	A10N	#8 x 5/8" PHWS		STEEL	ABILITY FASTENERS
76	A63T	3 1/2" WALL HEAD CLADDING	1	ALUMINUM	BONNELL
77	H-40	5/8" BETWEEN GLASS MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
78	P/PD	1" CONTOUR MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
79	21M2	1 1/2" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
	21DG	1 1/2" INTERIOR MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
80	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
81	A507	1 1/2" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
82	21M2	1 1/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
83	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
84	A507	1 1/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
85	220H	7/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
	21DG	7/8" INTERIOR MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
86	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
87	A507	7/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
88	N/A	ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	CARDINAL IG
	A01T	7/8" MDL ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
89	A43F	1 1/8" MDL ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
	A27L	1 1/2" MDL ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH



## Architectural Testing

Test sample complies with these details.  
Deviations are noted.

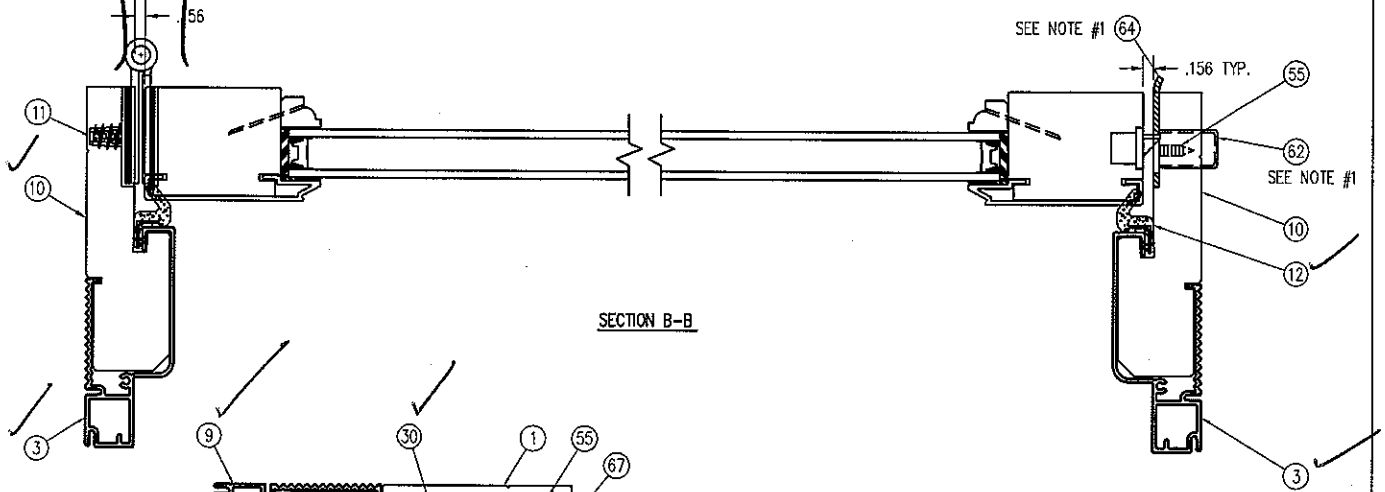
Report# 57942

Date 4/22-4/23/05 Tech gpk

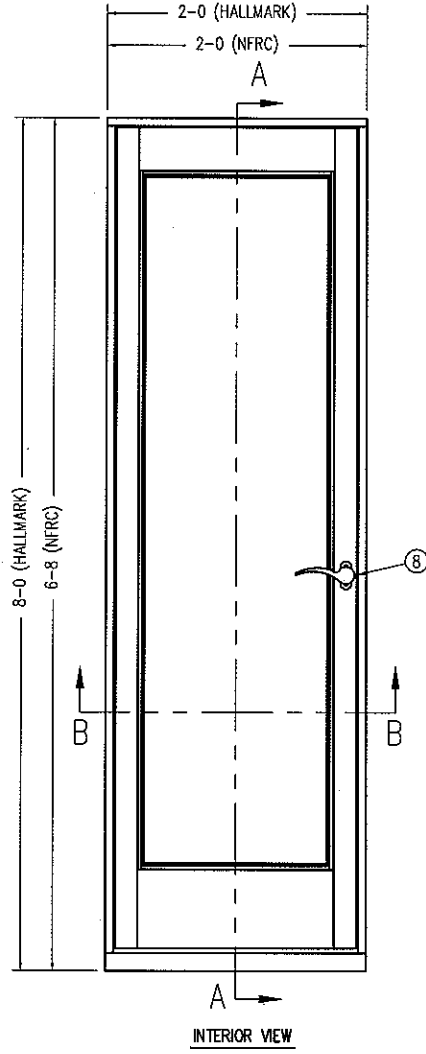
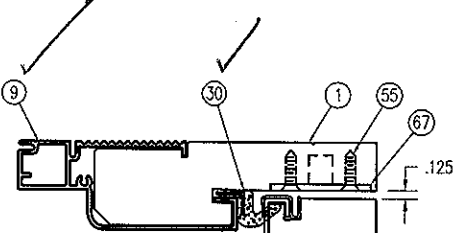
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FINISH:	
MATL:	
DFT: JH	SCALE: 1=1
DCN: 0952	DRWG: 0489
DATE: 6/22/01	C 11

NO	DESCRIPTION	DFT	DOC	DATE
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NOTE: 1. A DUST COVER IS PLACED UNDER EACH STRIKE PLATE.



SECTION B-B



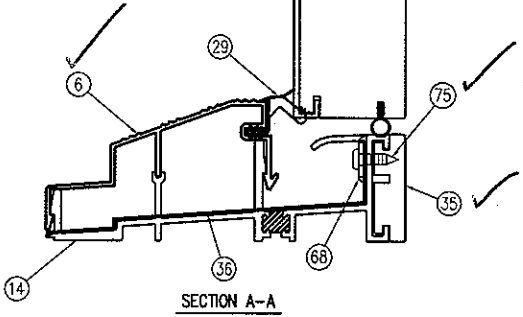
INTERIOR VIEW



**Architectural Testing**

Test sample complies with these details  
Deviations are noted.

Report# 57942  
Date 4/22-4/23/05 Tech gp/c



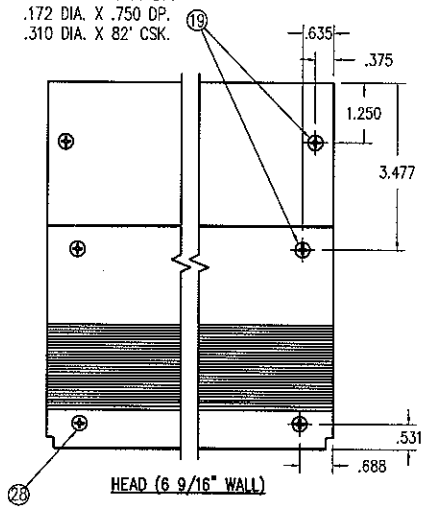
SECTION A-A

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: CLAD 1/5 OPER. SGLT (4 9/16" WALL) UNIT ASSEMBLY			
FINISH:			
MATERIAL:			
DFT:	JH	SCALE:	1=3
DCN:	0952	DRWG:	0489
DATE:	6/21/05	C	02

NO	DESCRIPTION	DFT	DOC	DATE

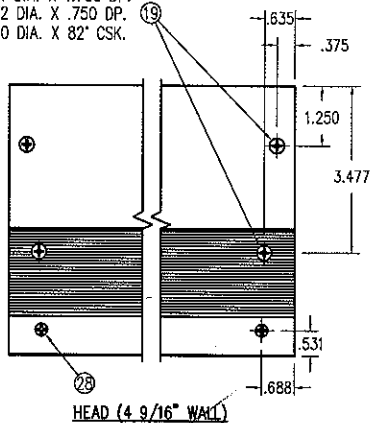
NOTE: ALL SCREW LOCATIONS TYPICAL

.094 DIA. X 1.750 DP.  
.172 DIA. X .750 DP.  
.310 DIA. X 82° CSK.



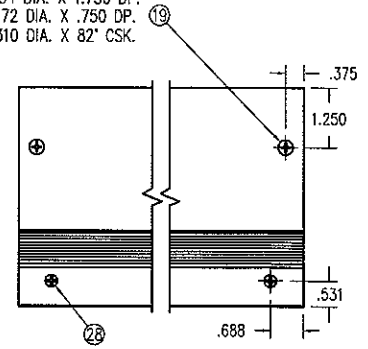
HEAD (6 9/16" WALL)

.094 DIA. X 1.750 DP.  
.172 DIA. X .750 DP.  
.310 DIA. X 82° CSK.

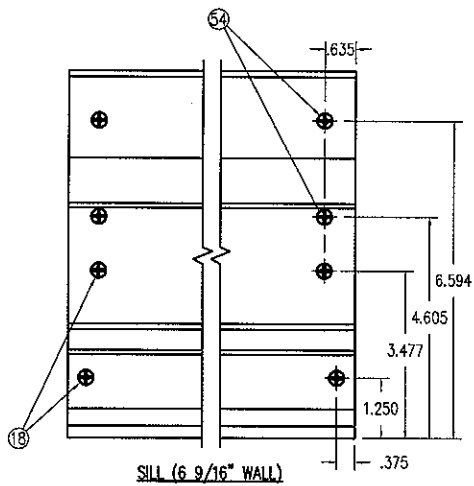


HEAD (4 9/16" WALL)

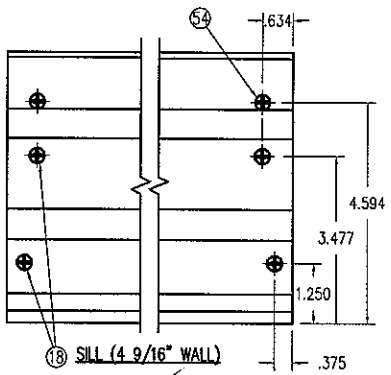
.094 DIA. X 1.750 DP.  
.172 DIA. X .750 DP.  
.310 DIA. X 82° CSK.



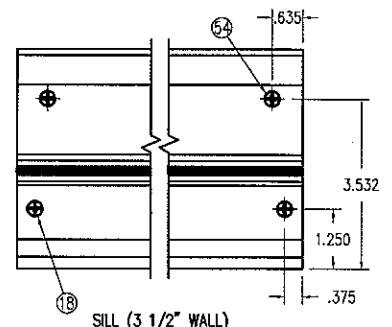
HEAD (3 1/2" WALL)



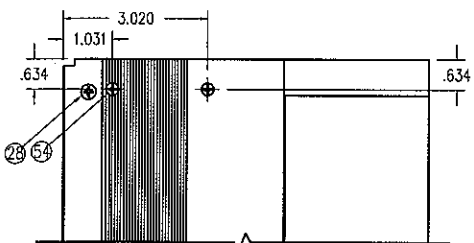
SILL (6 9/16" WALL)



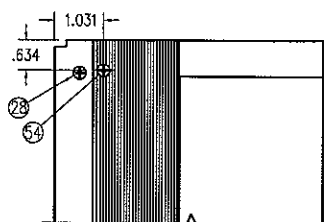
SILL (4 9/16" WALL)



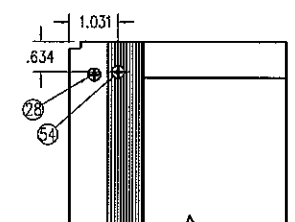
SILL (3 1/2" WALL)



JAMB (6 9/16" WALL)



JAMB (4 9/16" WALL)



JAMB (3 1/2" WALL)



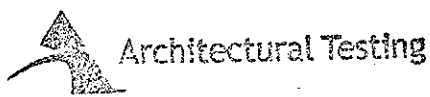
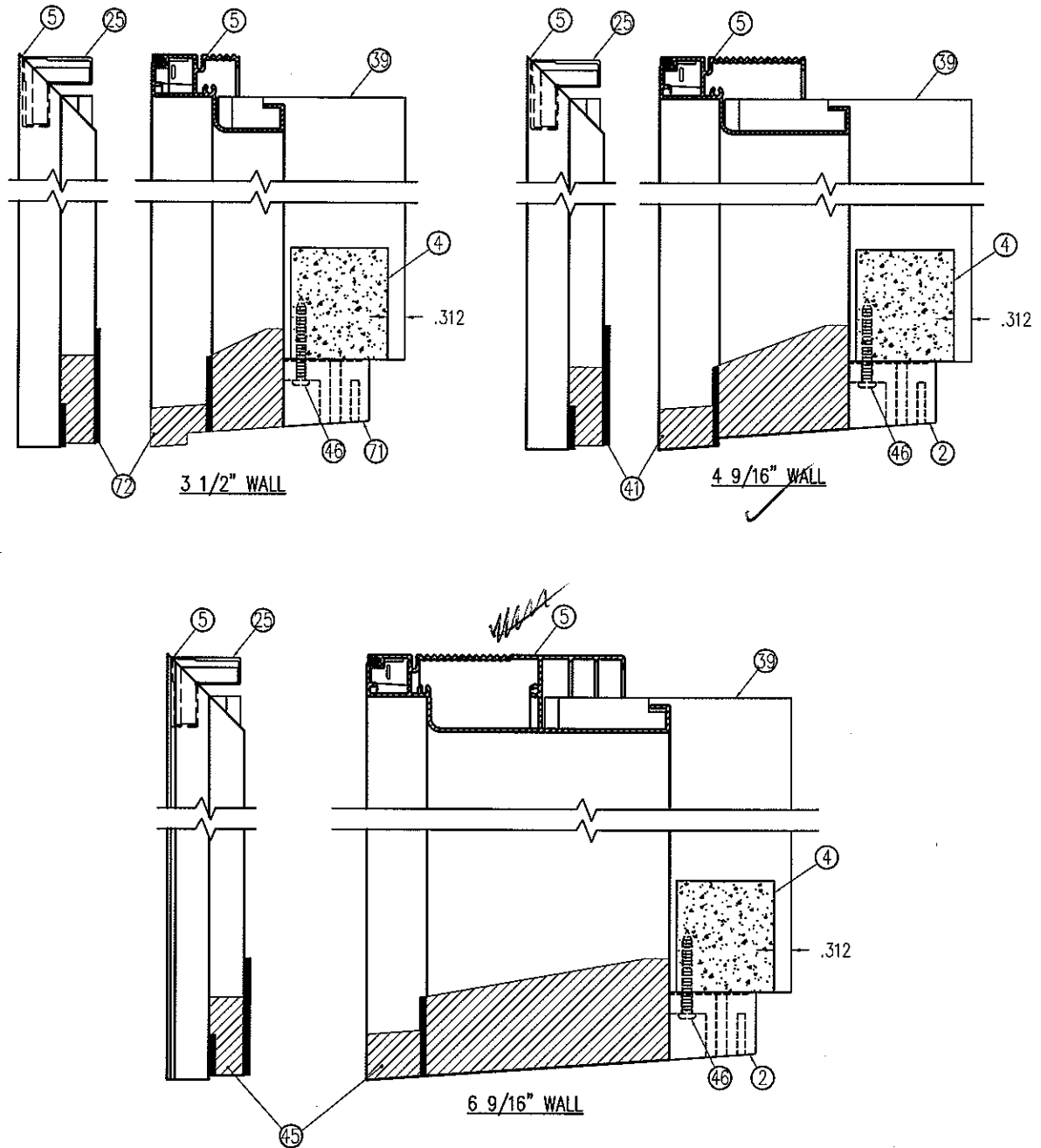
Test sample complies with these details.  
Deviations are noted.

Report# 57942  
Date 4/22-4/23/05 Tech gpk

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TITLE: CLAD I/S OPER. SDLT UNIT ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: JH	SCALE: 1=4
DCN: 0794	DRWG: 0489
DATE: 6/22/05	C 04

NO	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. INSERT CORNER KEYS BEFORE APPLYING SEALANT.



Test sample complies with these details.  
Deviations are noted.

Report# 57942

Date 4/22-4/23/05 Tech SPK

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TITLE: CLAD 1/S OPER. SOLT UNIT ASSEMBLY

FINISH:

MATL:

DFT: JH SCALE: 1=3

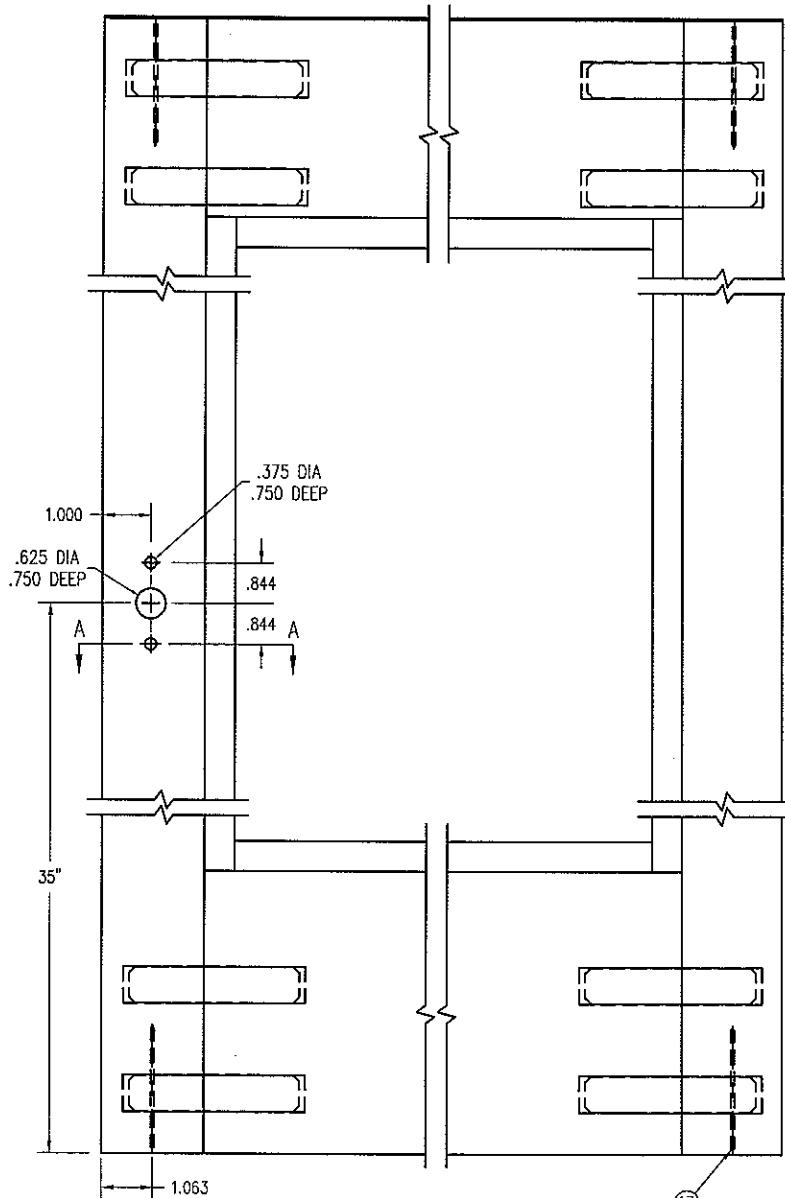
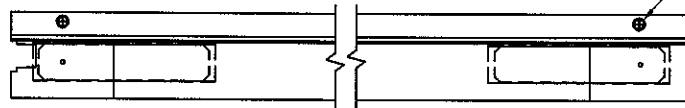
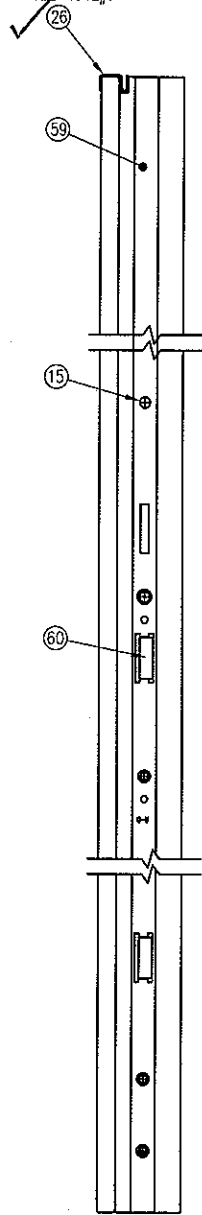
DCN: 0952 DRWG: 0489

DATE: 6/21/05 C 05

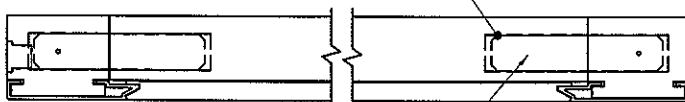
NO	DESCRIPTION	DFT	DOC	DATE

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



INTERIOR VIEW



Test sample complies with these details.  
 Building and Construction

Report# 57942

Date 4/22-4/23/05 Tech JPK

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: CLAD 1/S OPER. SGLT PANEL ASSEMBLY

FINISH:

MATL:

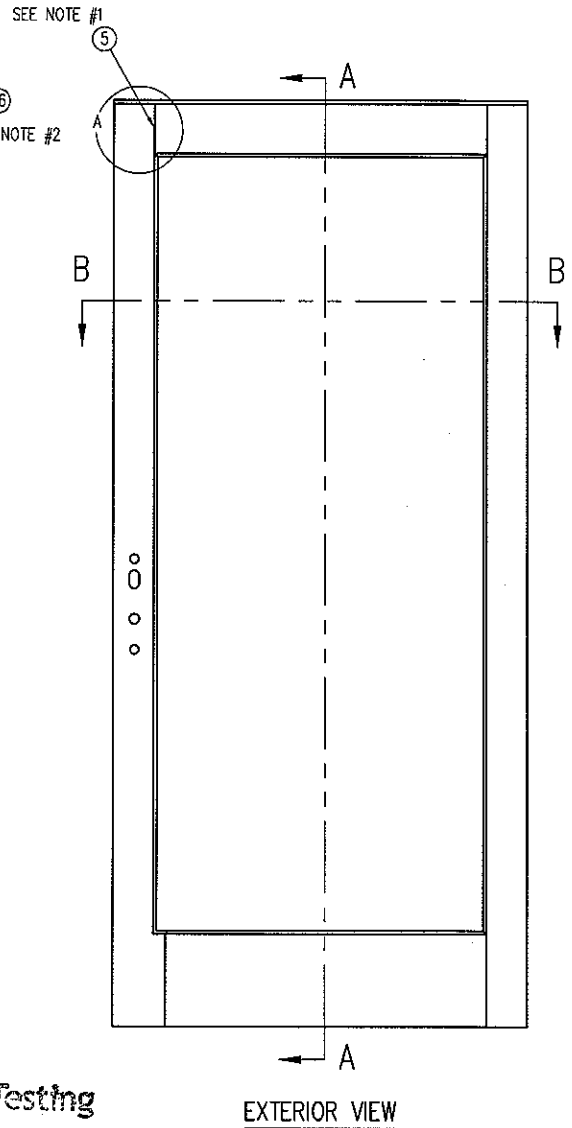
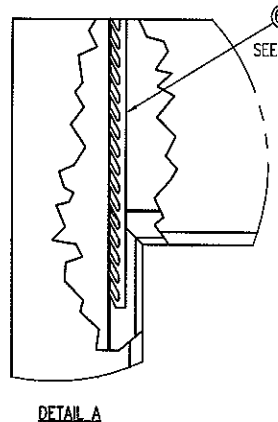
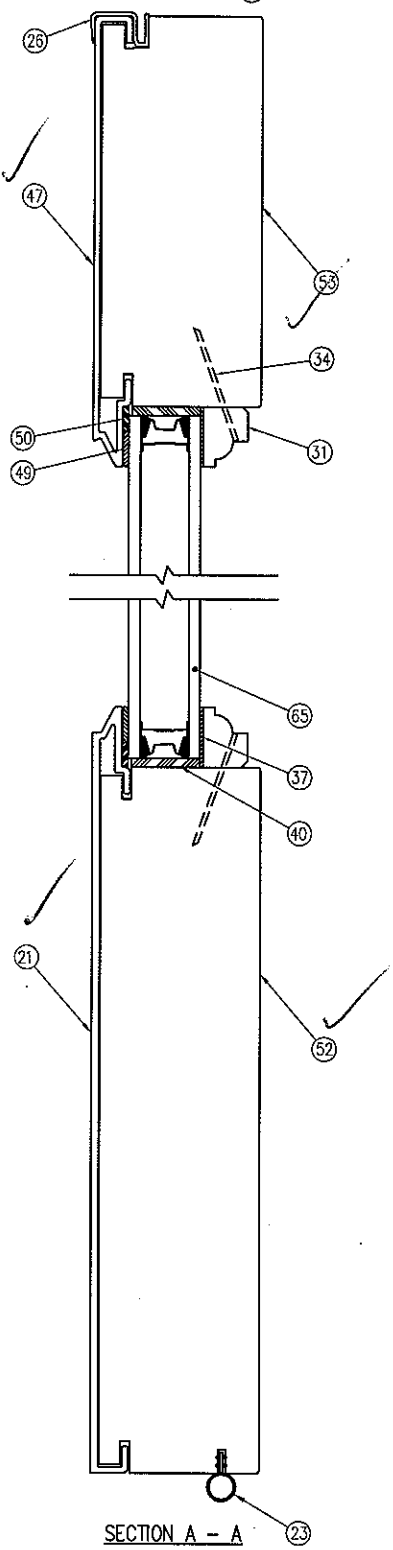
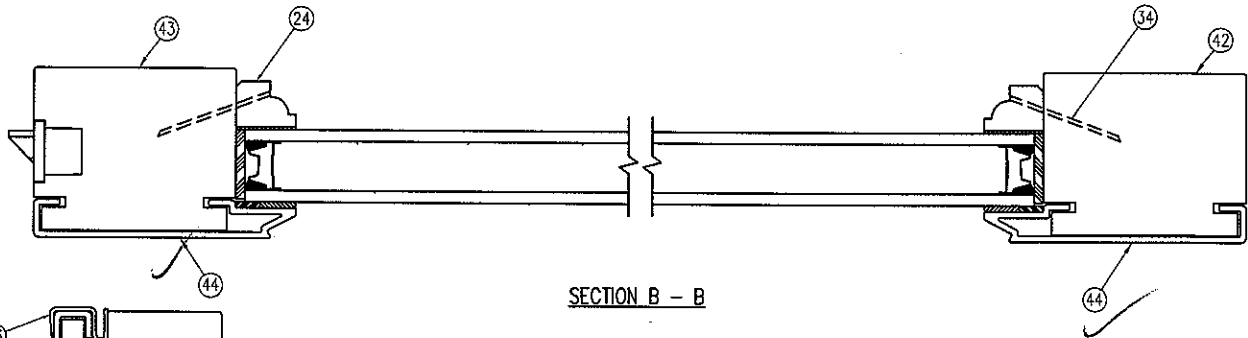
DFT: JH SCALE: 1=4

DCN: 0952 DRWG: 0489

DATE: 6/22/05 C 07

NO	DESCRIPTION	DFT	DOC	DATE

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



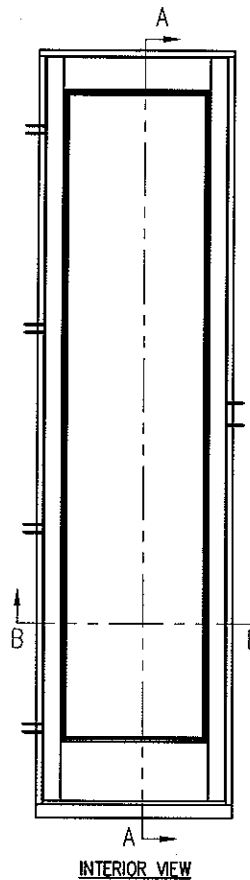
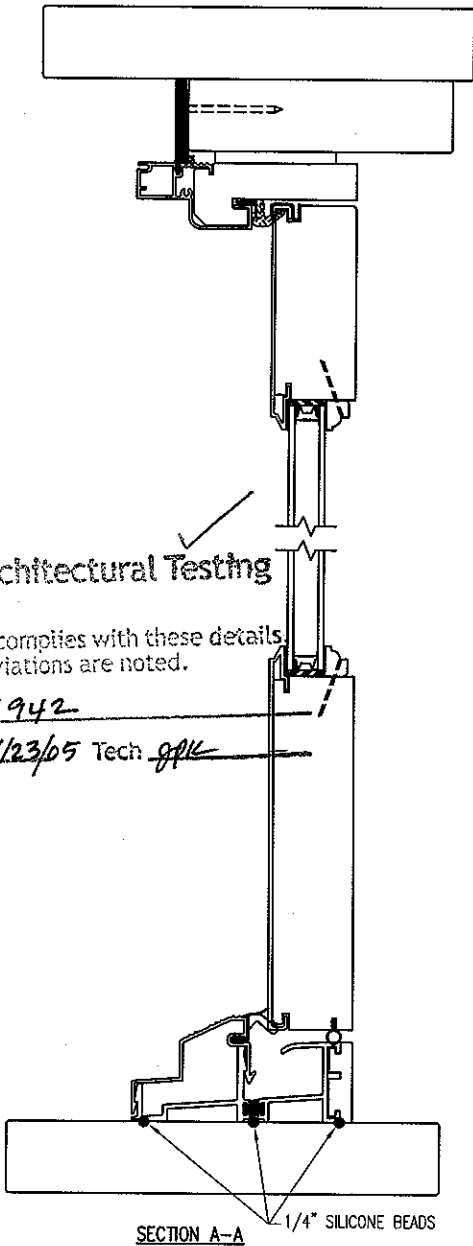
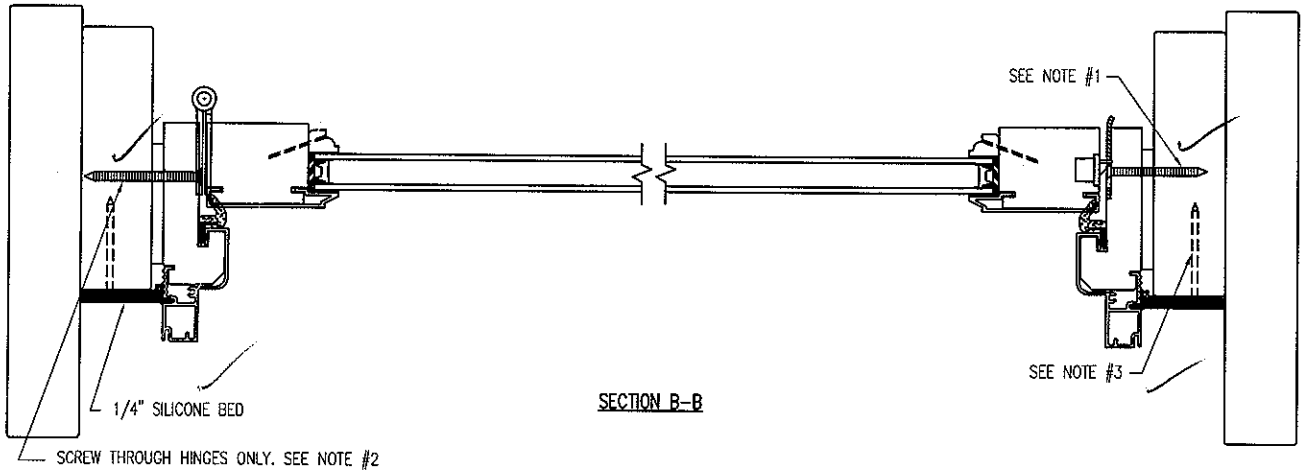
**Architectural Testing**  
 Test sample complies with these details.  
 Deviations are noted.

Report# 57942  
 Date 4/22-4/23/05 Tech OPK

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TITLE: CLAD /S OPER. SBLT PANEL ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: JH	SCALE: 1=2
DCN: 0952	DRWG: 0489
DATE: 6/22/05	C 06

NO.	DESCRIPTION	DFT	DOC	DATE

1. (2) #8 X 2 1/8" SCREWS THROUGH STRIKE PLATE INTO BUCK.
2. (8) #10 X 2 1/2" SCREWS THROUGH HINGES INTO BUCK. (2 PER HINGE, 8 TOTAL PER SIDE)
3. (34) 2" ROOFING NAILS THROUGH NAIL FIN INTO BUCK, SPACED 3 1/2" FROM EACH END AND 6" ON CENTER THEREAFTER.



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# 57942

Date 4/22-4/23/05 Tech gpk

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TITLE: 24" X 96" CLAD OPER. SDLT  
(3 1/2") INSTALLATION DETAIL

FINISH:

MAIL:

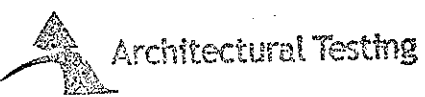
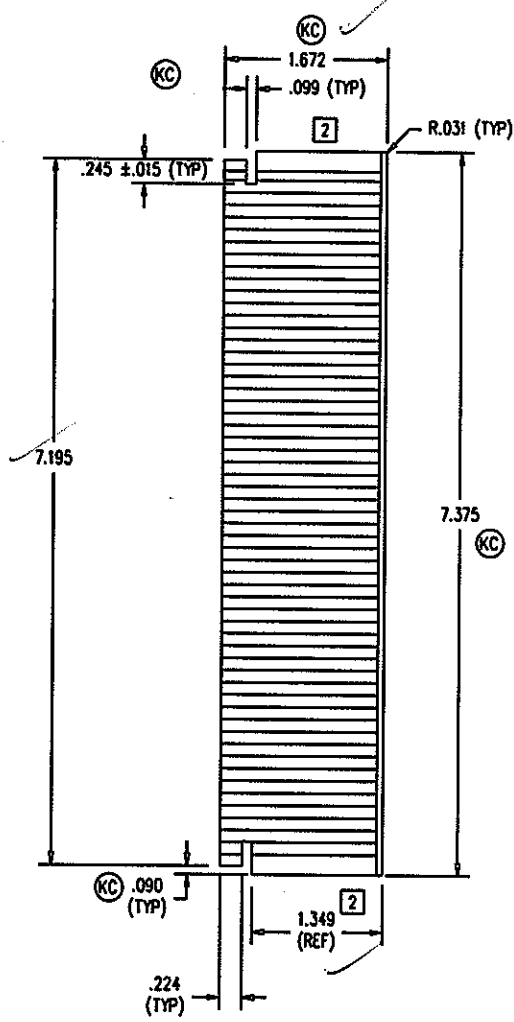
DFT: JH SCALE: 1=4

DCN: 0794 DRWG: 048A

DATE: 6/29/05 C 01 OF 03

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.010$ ; 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).



Architectural Testing

Test sample complies with these details.  
Deviations are noted.

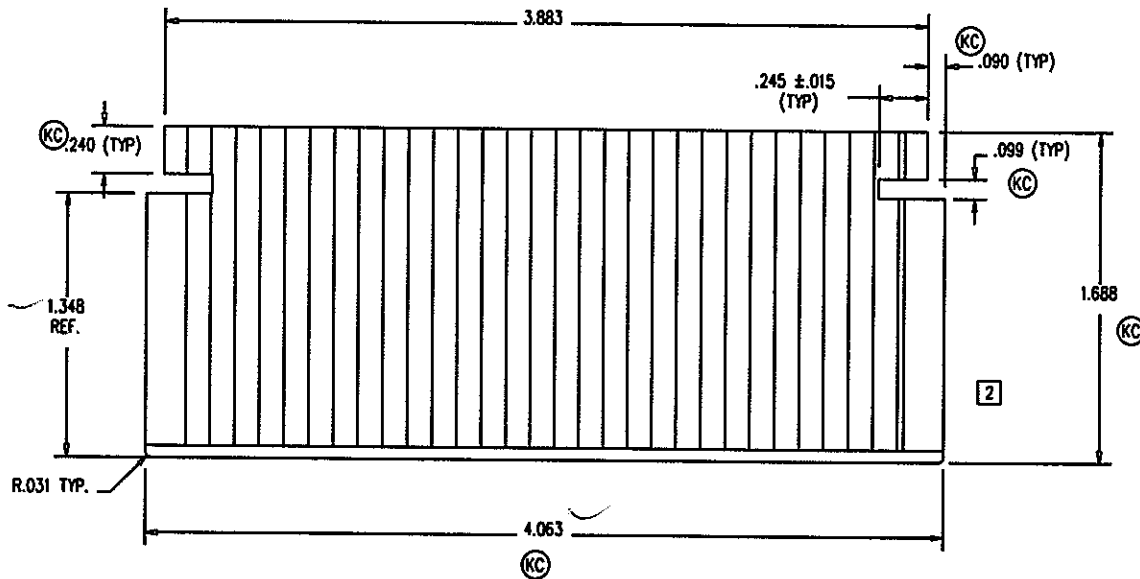
Report# 57942  
Date 4/22-4/23/05 Tech GRK

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TITLE: **8" BOTTOM RAIL**

FINISH:

04 CHNGD PROFILE	TWN	PRE	3/22/05	MATL:	SEE NOTE #3
031.073 WAS .056	AWW	PRE	10/18/04		
021.015 WAS .094 RMYD ANGLE	AWW	PRE	10/7/04	DFT:	TWN SCALE: 1=2
01 CHNGD TO MATCH 2009	AWW	PRE	6/30/2004	DCN:	0736 DRWG: 200J
NO	DESCRIPTION	DFT	DOC	DATE	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.  $\pm 0.010$ ; 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 20CG.
- 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 20CG.
- 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# 57942  
Date 8/22-4/23/05 Tech SPK

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TITLE: 4 11/16" STILE / RAIL

FINISH:

04   CHNGD PROFILE	TWN	PRE	3/22/05	MATL:	SEE NOTE #3
03   104 (TYP) READ 086	AWW	PRE	10/18/04		
02   REMVD ANGLE FROM GLASS SHELF	AWW	PRE	10/3/04	DFT:	TWN SCALE: 1=1
01   CHNGD TO MATCH 20A1	AWW	PRE	6/28/04	DCN:	0736 DRWG: 2006
NO   DESCRIPTION	DFT	DOC	DATE	DATE: 8/28/2003	C 01 OF 06

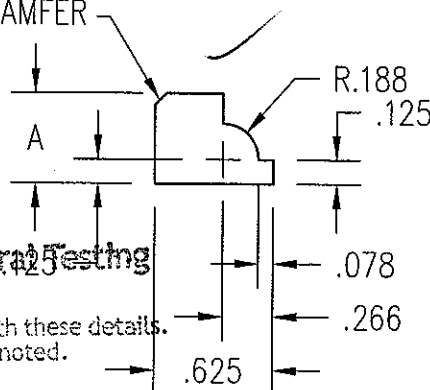
NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.005; FRAC. ±1/64; ANGLES ±1/2°.

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	SINGLE GLAZED	.680

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

1

.062 x .062 CHAMFER



Architectural Testing

Test sample complies with these details.  
Deviations are noted.

Report# 57942

Date 4/22-4/23/05 Tech *gpk*

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TITLE: COLONIAL GLAZING STOP

FINISH:

MATL:

EAGLE STD WOOD OFFERINGS

DFT: JMH

SCALE: 1=1

01 ADDED KYLER BLIND SIZE

TWN 0910 4/19/05

DCN: 0650

DRWG: 220J

NO DESCRIPTION

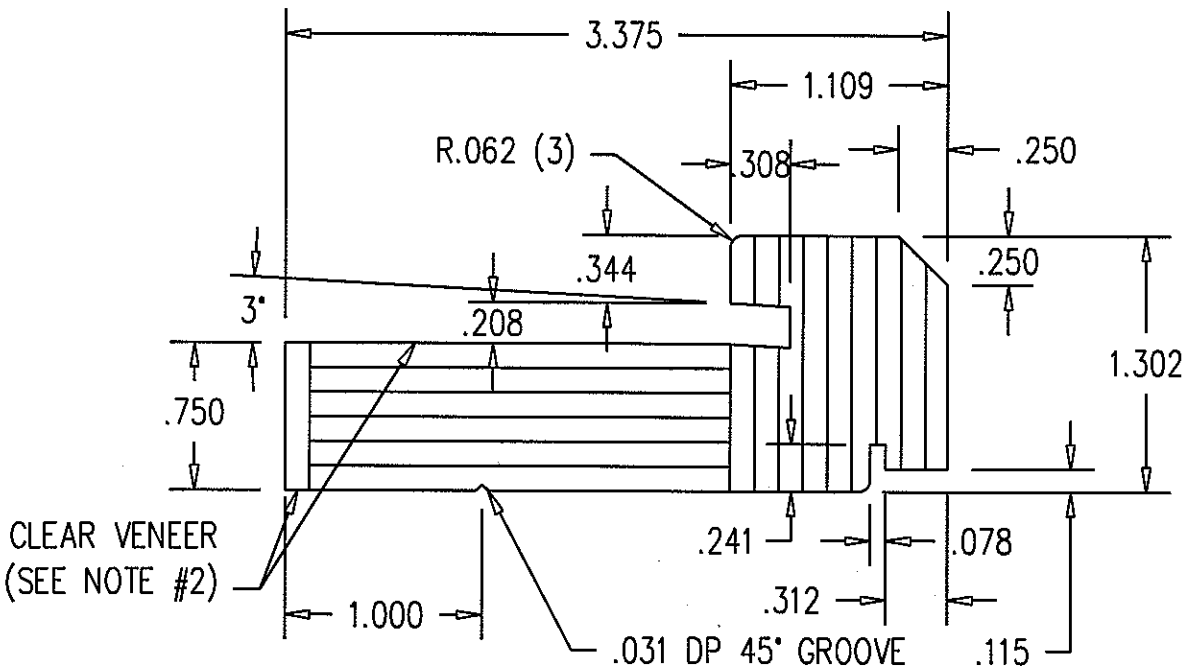
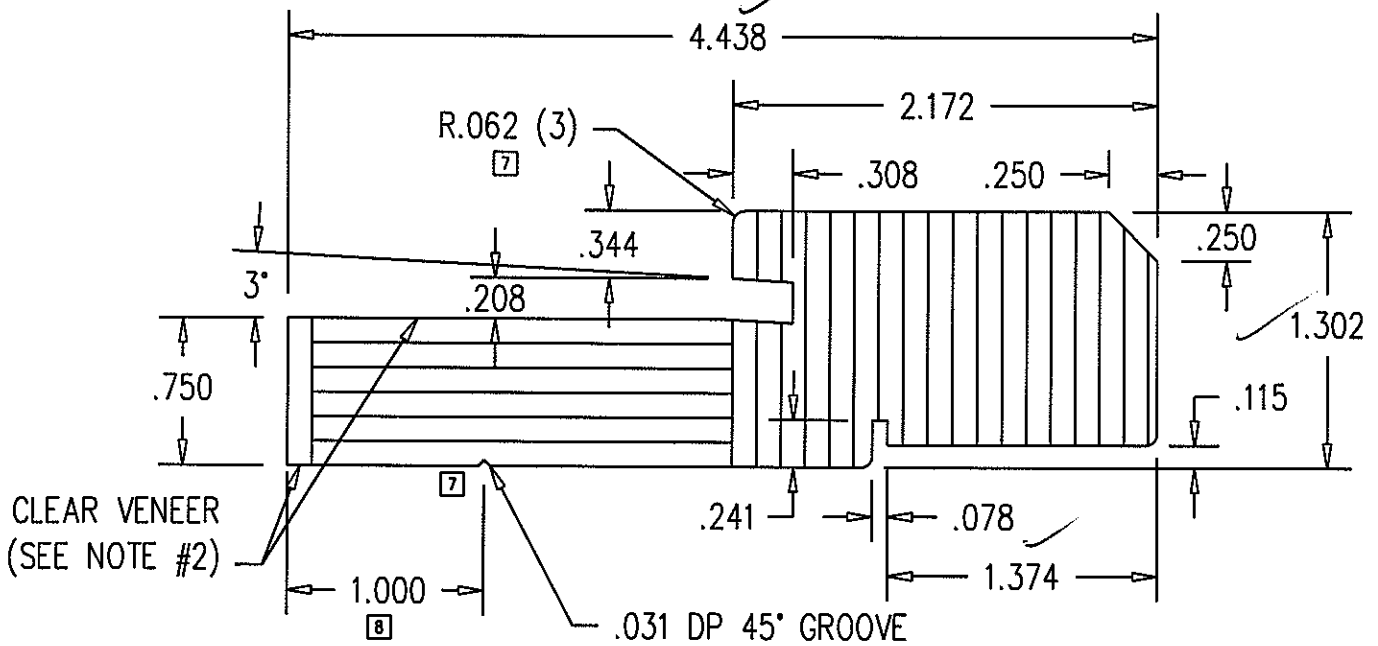
DFT DOC DATE

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.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .

2. THIS VENEER TO HAVE MINIMUM THICKNESS OF .080.



Architectural Testing

RIPPED DOWN FOR 3 1/2" WALL

Technical Drawing Details.

Report# 57942  
Date 4/22-4/23/05 Tech JPK

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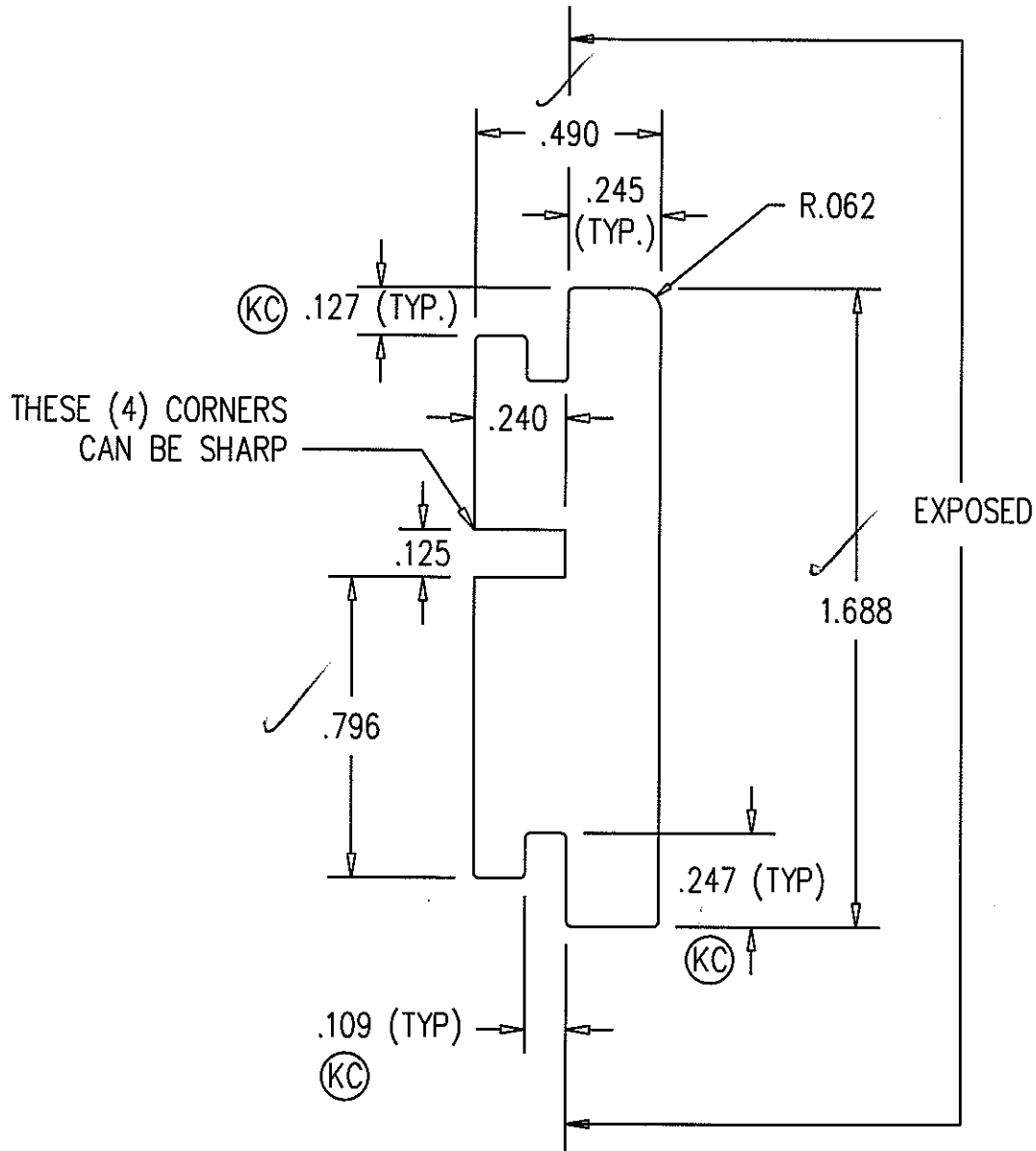
TITLE: CLAD INSWING DOOR  
WOOD JAMB

FINISH:

MATL: LVL

08	MOVED V-GROOVE	AWW	PRE	4/1/05		
07	ADD V-GROOVE, BREAK CORNERS	AWW	PRE	3/23/05	DFT: AWW	SCALE: 1=1
06	CHNG'D PROFILE	AWW	PRE	4/1/2004	DCN: 0794	DRWG: 221M
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 10/31/2002	A 01 OF 05

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



Test sample complies with these details.  
 Deviations are noted.

Report# 57942  
 Date 4/22-4/23/05 Tech gpk

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TITLE: INSWING DOOR  
 INTERIOR SILL TRIM

FINISH:

MATL: OAK

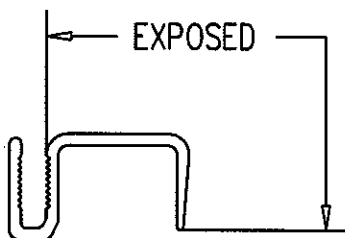
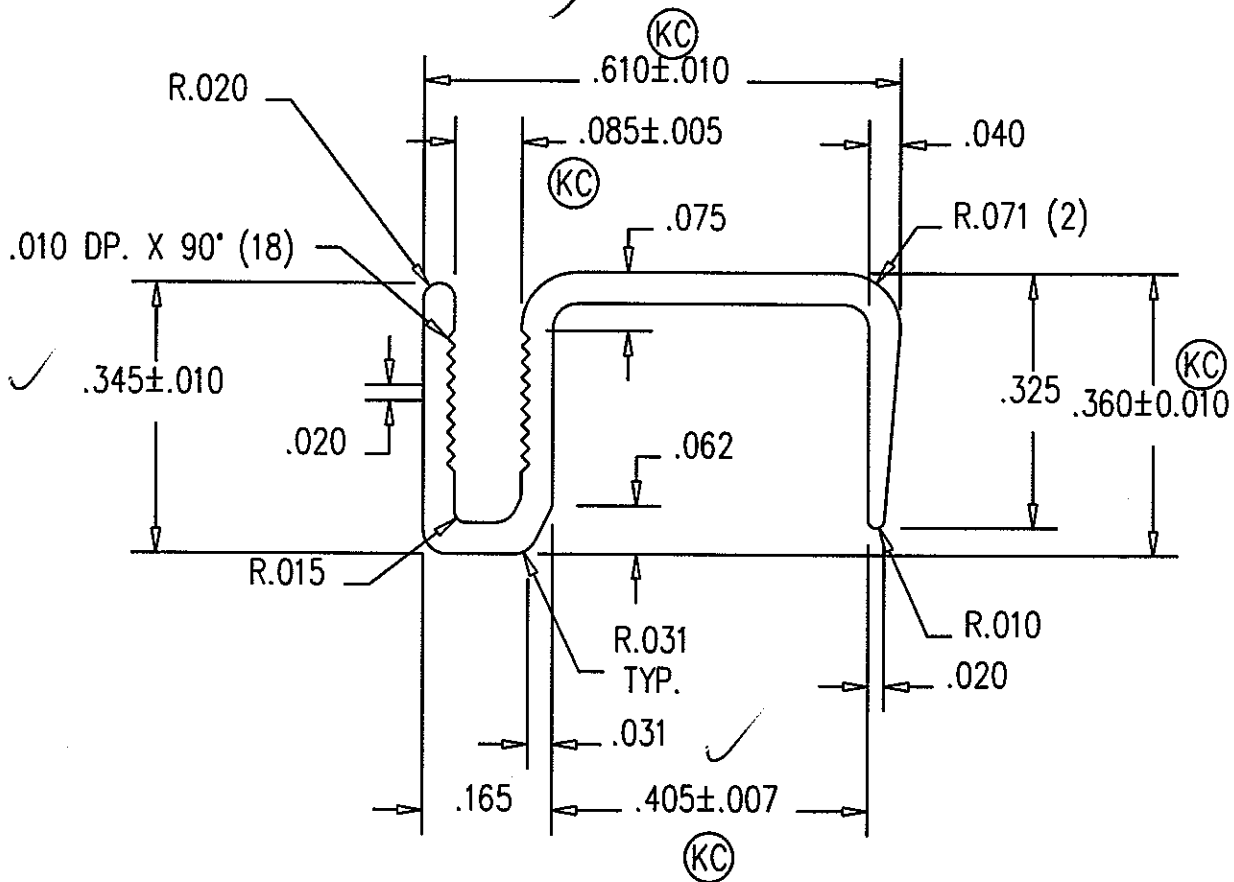
DFT: AWW SCALE: 2=1

DCN: 0794 DRWG: 2225

DATE: 4/14/2003 A 01 OF 02

06	MADE RADIUS .062 FROM .015	AWW	PRE	4/5/05
NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.010$ ; 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# 57942  
 Date 4/22 - 4/23/05 Tech gpk

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TITLE: FRENCH DOOR PANEL CAP

FINISH: EAGLE'S STD. COLORS

MATL: 6030 T-6 ALUMINUM

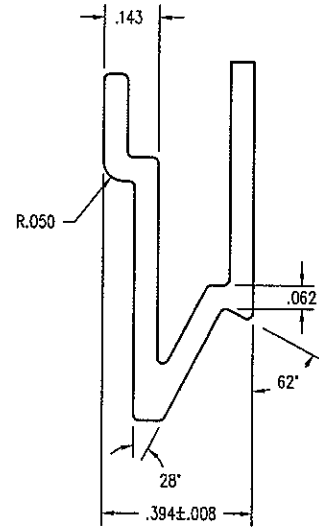
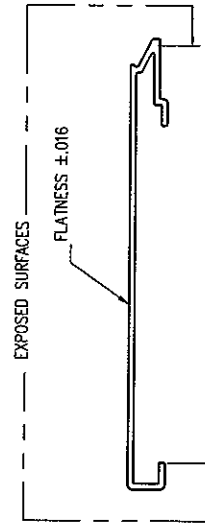
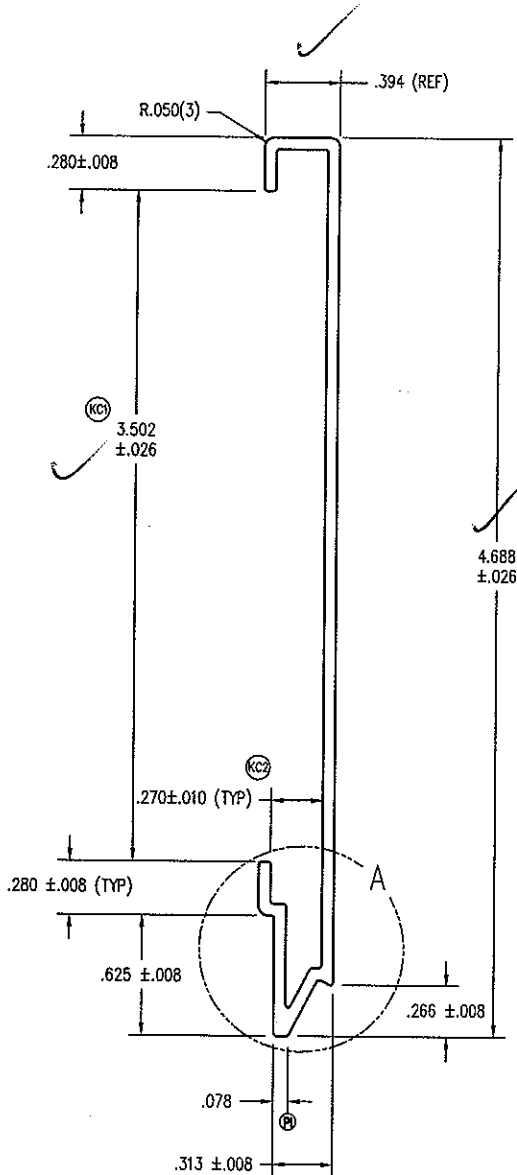
DFT: TWN SCALE: 4=1

DCN: 0838 DRWG: A49X

DATE: 9/7/2001 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; 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.



DETAIL A  
SCALE: 2 = 1



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

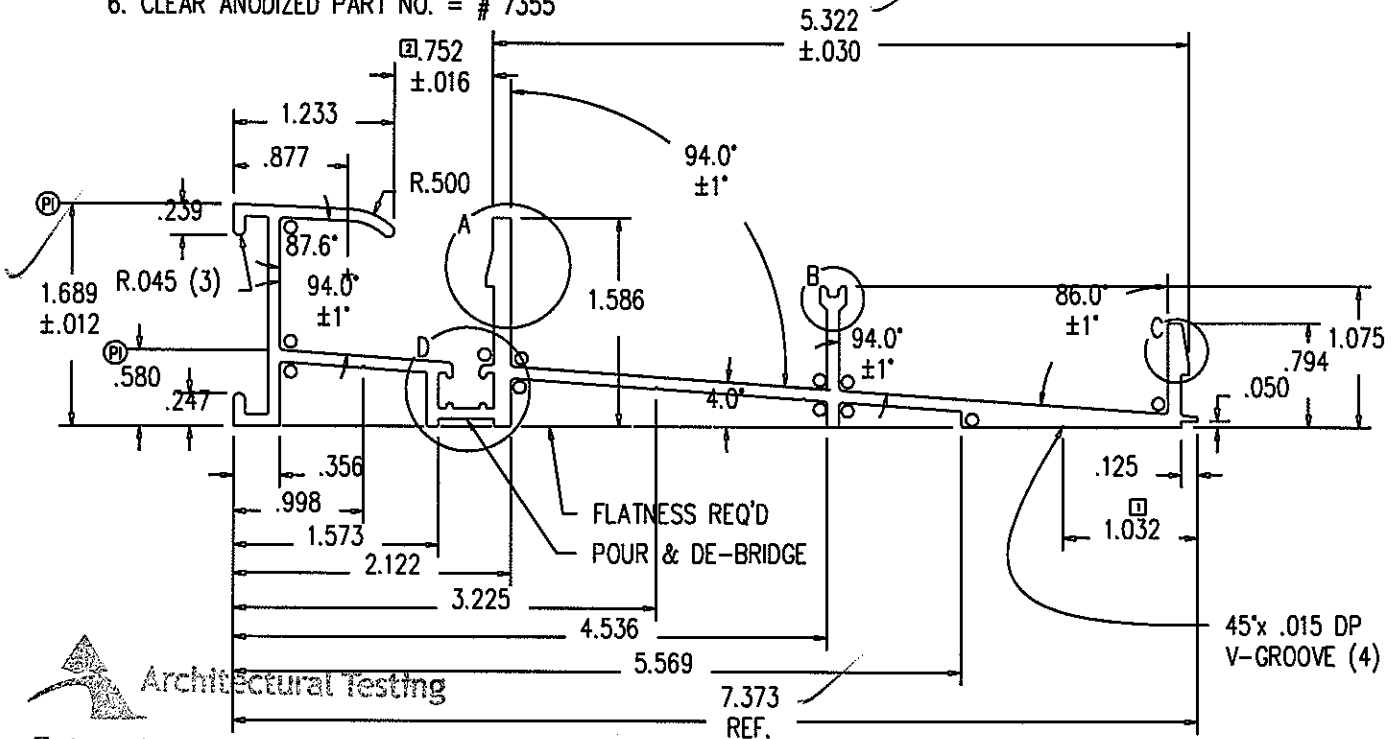
Report# 57942  
 Date 4/22/05 - Tech gpk  
4/23/05

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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
DATE:	7/14/2003	C	01 OF 03

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 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) = 1.483 SQ. IN.  
 6. CLEAR ANODIZED PART NO. = # 7355

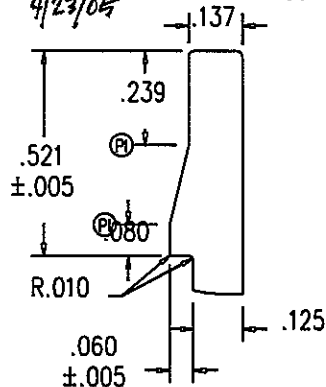
o = .031 RADIUS



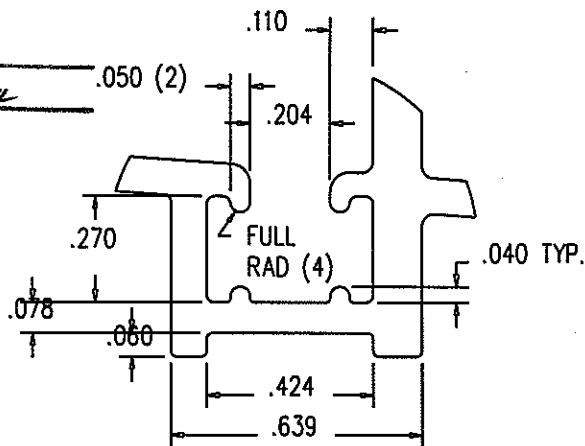
Architectural Testing  
 Test sample complies with these details.  
 Deviations are noted.

Report# 57942

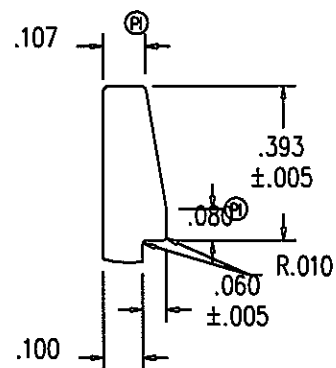
Date 4/22/05 - Tech *AWW*  
 4/23/05



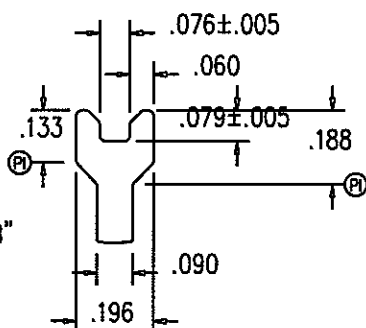
DETAIL "A"



DETAIL "D"



DETAIL "C"



DETAIL "B"

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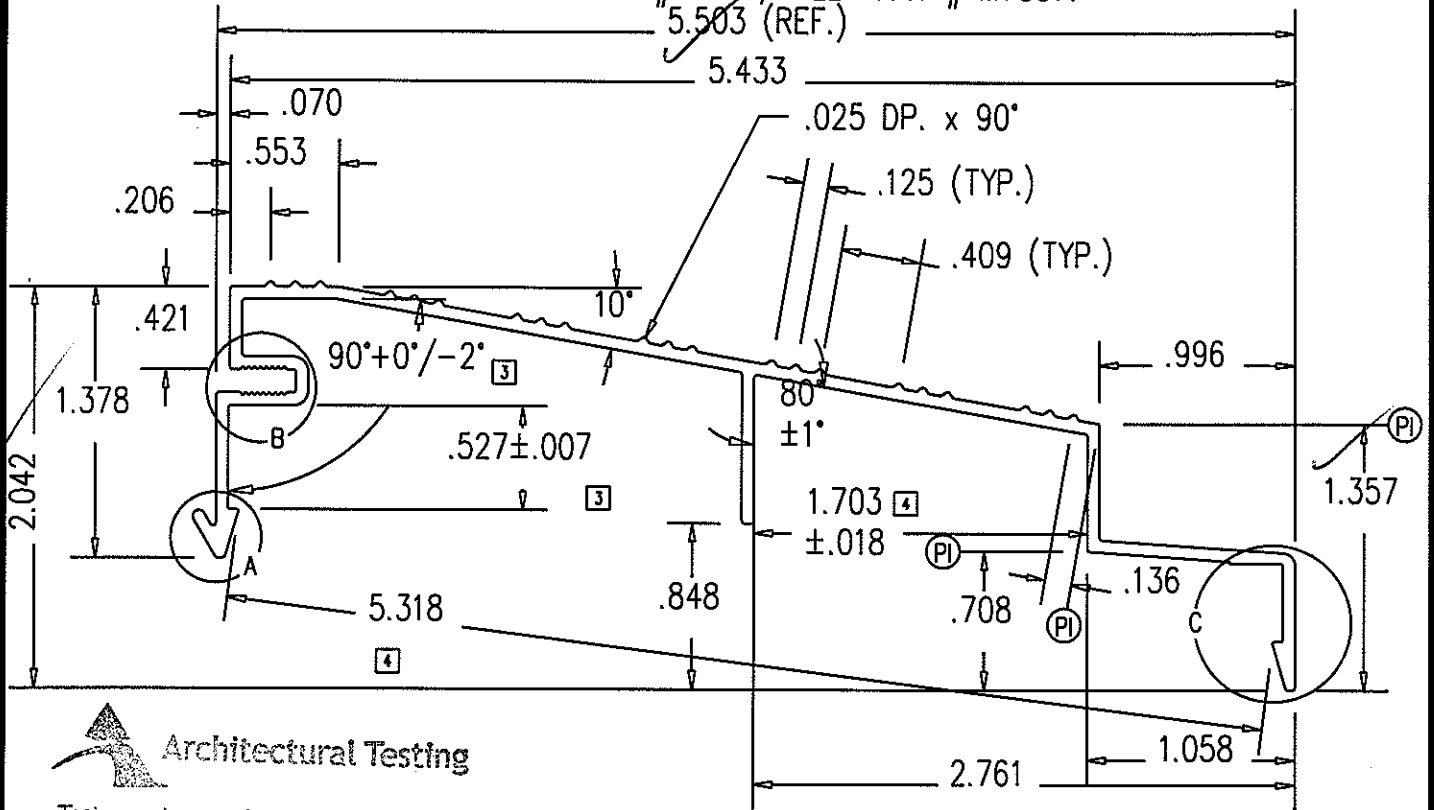
TITLE: INSWING HINGED DOOR 6 9/16" SILL BASE THERMALLY BROKEN

FINISH: CLEAR ANODIZED

MATL: 6063 T-6 ALUMINUM

03	ADD LOCATOR GROOVES	AWW	PRE	4-27-05	DFT:	AWW	SCALE:	1=1 1/2
02	ADD TOLERANCE	AWW	PRE	3/2/05	DCN:	0794	DRWG:	A63N
01	.125 WAS .108	AWW	PRE	3/12/2004	DATE:	3/2/2004	A	01 OF 03
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. TYPICAL WALL = .062, UNLESS NOTED.  
 3. BREAK ALL CORNERS .015, UNLESS NOTED.  
 4. AREA = .630 SQ. IN.  
 5. DARK BRONZE ANODIZED PART # 7357, MILL PART # M7357.



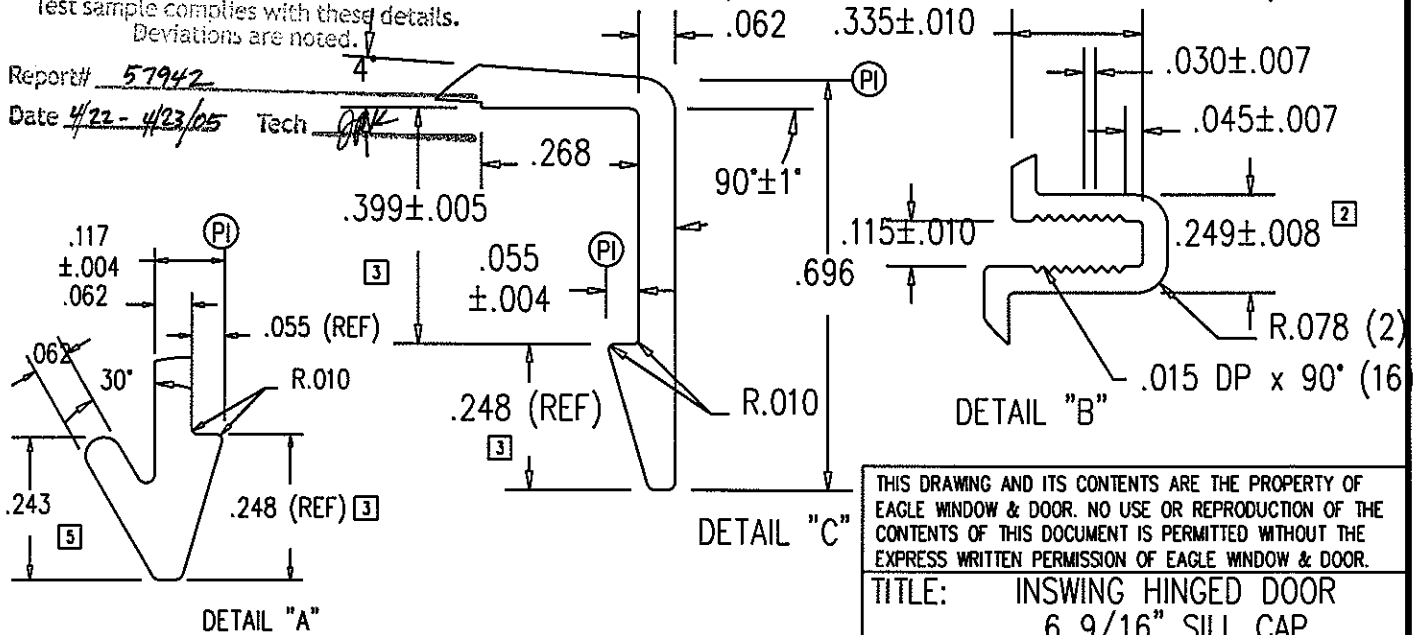
**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# 57942

Date 4/22 - 4/23/05

Tech JAK



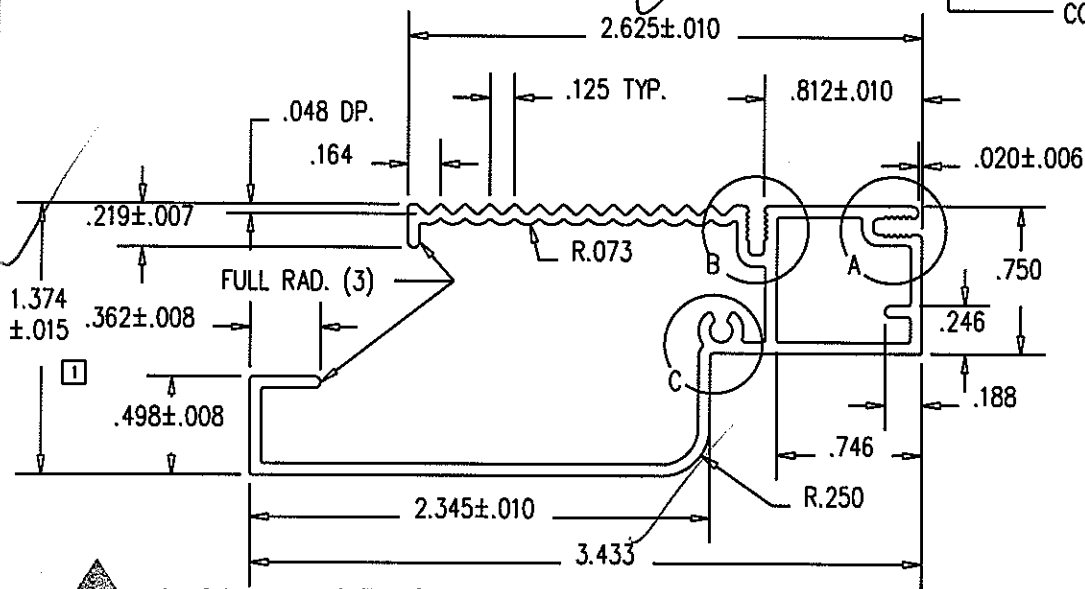
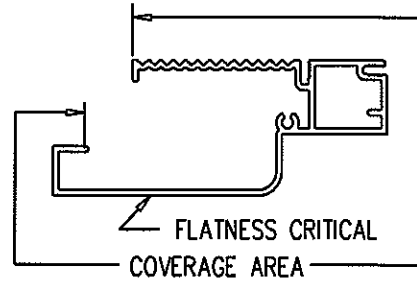
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TITLE: INSWING HINGED DOOR  
 6 9/16" SILL CAP

FINISH: DARK BRONZE ANODIZED

05	ADD PRY LEG	AWW	PRE	4/27/05	MATL: 6063 T-6 ALUMINUM
04	ADD DIMENSIONS	AWW	PRE	2/21/05	
03	ADD CRIT. DIM'S .248 WAS .250	AWW	PRE	5/12/2004	DFT: AWW SCALE: 1=1
02	THICKEN KERF WALLS	AWW	PRE	4/2/2004	
01	REM'VD LEG, ADD SERRATIONS	AWW	PRE	3/29/2004	DCN: 0794 DRWG: A63R
NO	DESCRIPTION	DFT	DOC	DATE	
				DATE: 3/4/2004	A 01 OF 03

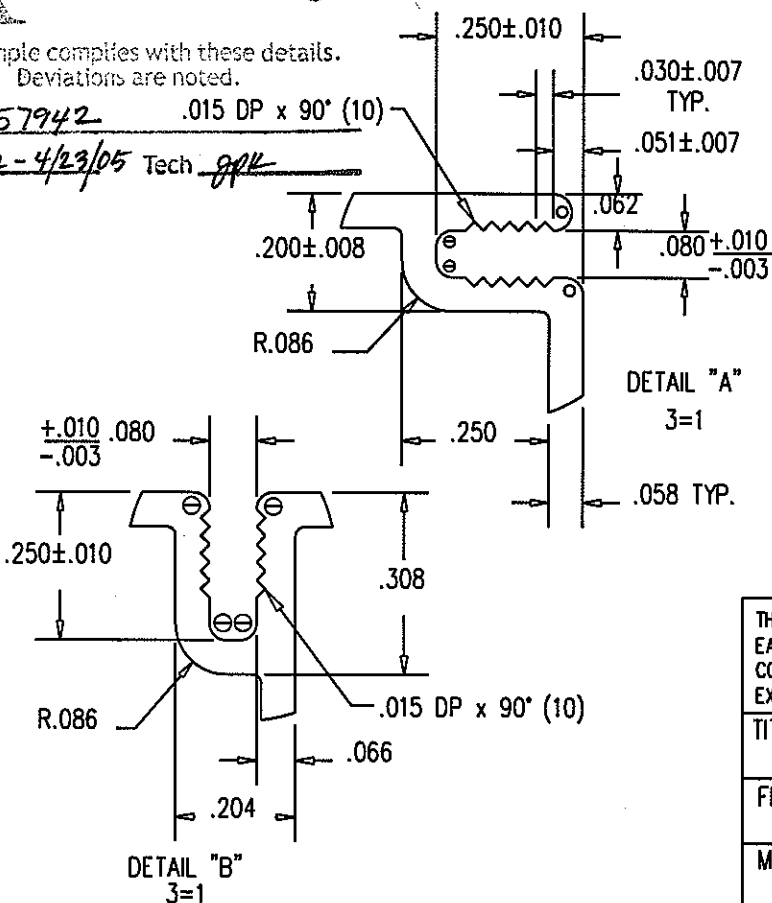
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm .005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. UNLESS OTHERWISE SPECIFIED, WALL THICKNESS IS  $.058$ .  
 3. BREAK ALL CORNERS  $.015$  UNLESS NOTED.  
 4. AREA =  $.569$  SQ. IN.  
 5. MILL PART NO. = # M7366



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# 57942 .015 DP x 90° (10)  
 Date 4/22 - 4/23/05 Tech gpk

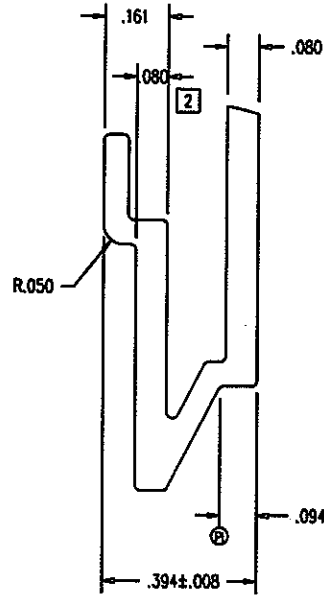
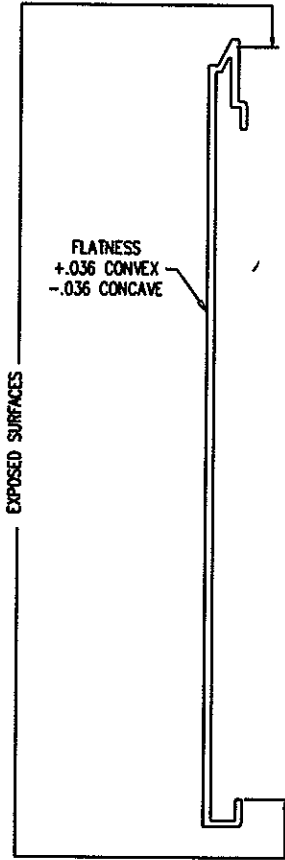
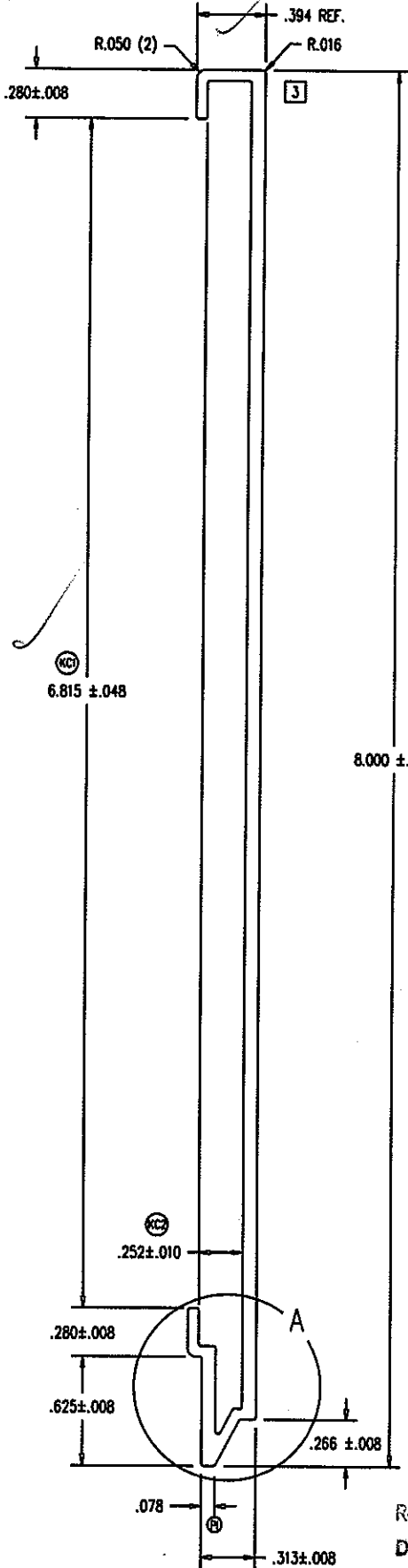


- ⊙ R .028 (6)
- R .031 (2)

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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

01	CHNG'D TOL. TO +/- .015	AWW	PRE	6/16/2004
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.



DETAIL A  
SCALE: 2 = 1

Architectural Testing

Test sample complies with these details.  
Deviations are noted.

Report# 57942

Date 4/22/05 - 4/23/05

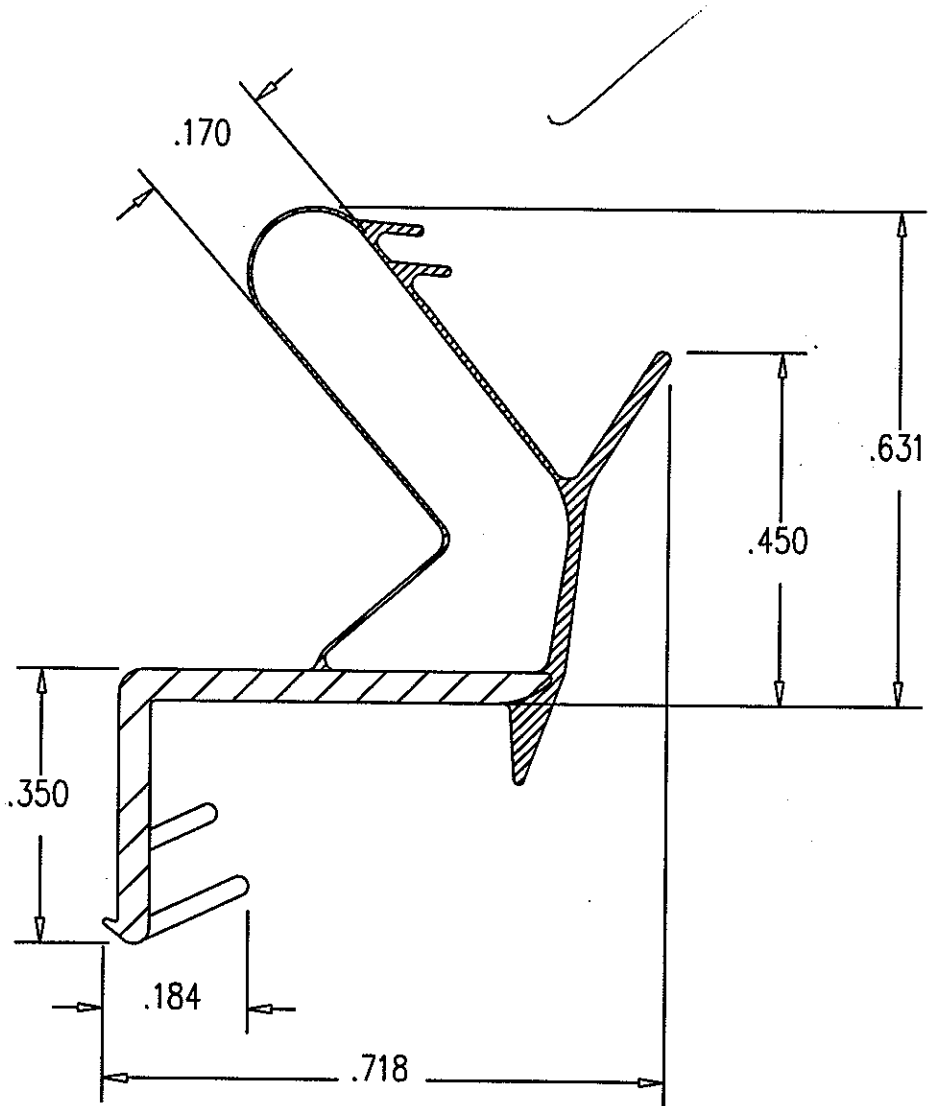
Tech *APK*

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

NO	DESCRIPTION	DFT	DOC	DATE	DATE	SCALE	DRWG	OF	OF
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		
		DFT	DOC		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.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. APPROVED VENDOR: AMESBURY FOAMTITE



Test sample complies with these details.  
 Deviations are noted.

Report# 57942  
 Date 4/22 - 4/23/05 Tech grk

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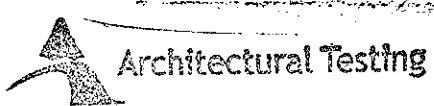
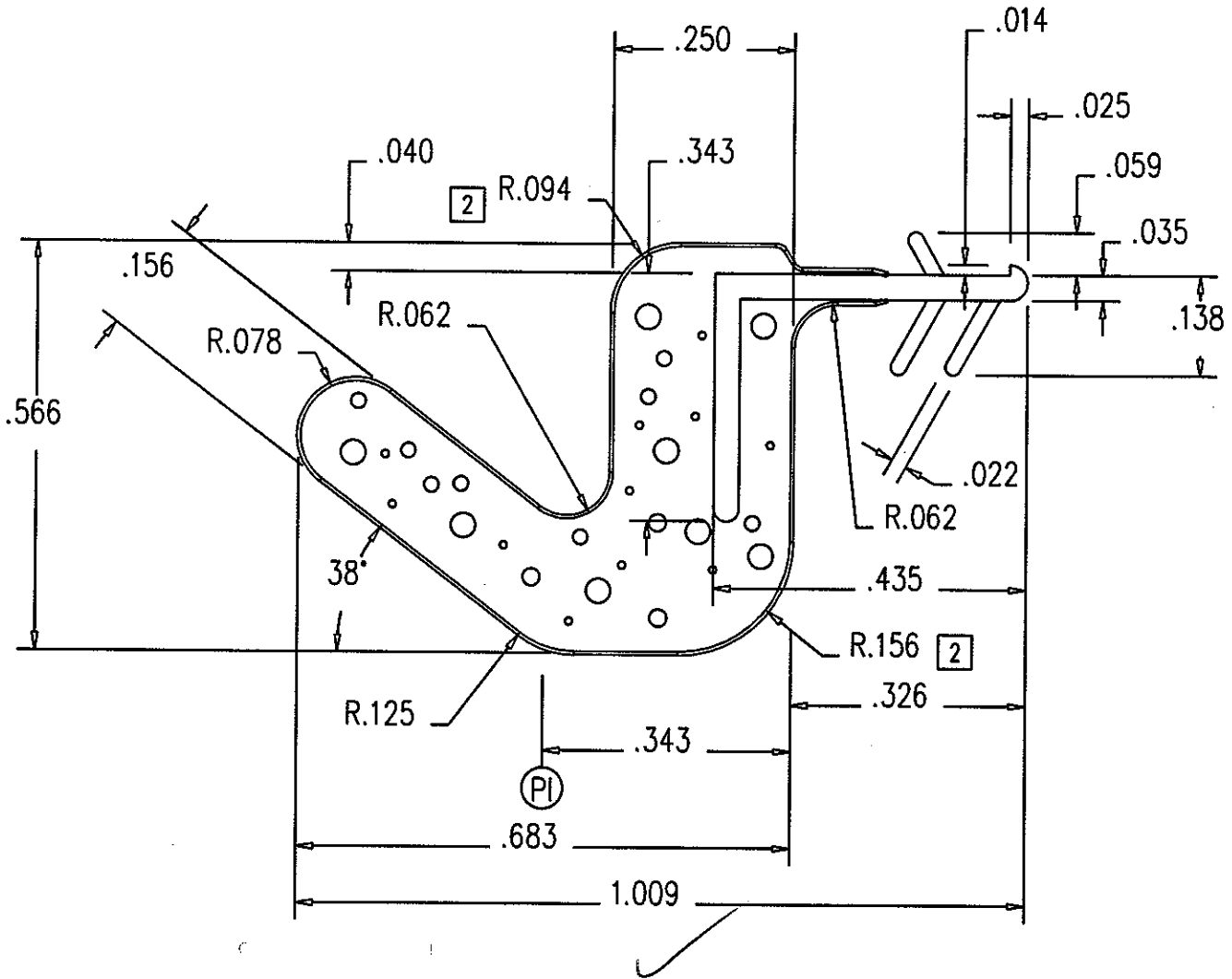
TITLE: FOAM WEATHERSTRIP

FINISH:

MATL: TPE FOAM - PVC SKIN

02	.695 WAS .725, .514 WAS .541	AWW	PRE	10/30/2000	DFT:	TWN	SCALE:	4=1
01	CHANGED PROFILE	TWN	PRE	10/2/2003	DCN:	0794	DRWG:	A59Y
NO	DESCRIPTION	DFT	DOC	DATE	DATE:	6/10/2003	A	01 OF 02

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



Test sample complies with these details.  
 Deviations are noted.

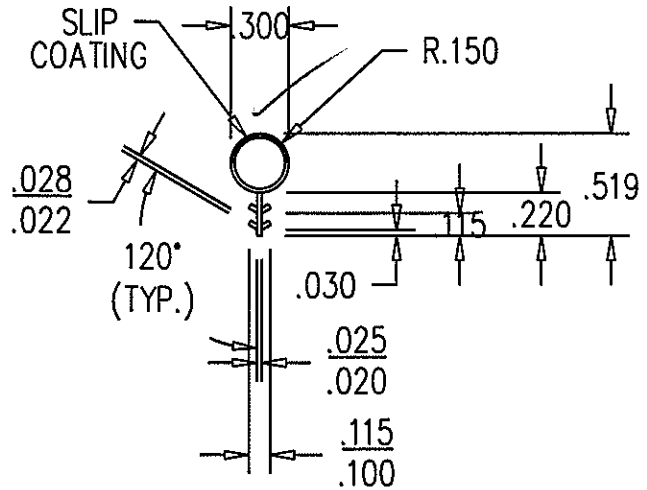
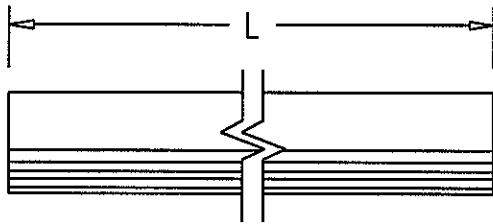
Report# 57942  
 Date 4/22 - 4/23/05 Tech ARK

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TITLE:	EAGLE DOOR SEAL (JAMB)
FINISH:	DARK BRONZE
MATL:	URETHANE FOAM Q-LON SKIN

02	CHNG'D RADII	AWW	PRE	1/2/05	DFT:	AWW	SCALE:	4=1
01	REPLACED STEM WITH CURRENT	AWW	PRE	1/19/2003	DCN:	0794	DRWG:	A62G
NO	DESCRIPTION	DFT	DOC	DATE	DATE:	10/30/2003	A	01 OF 06

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; 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



Architectural Testing

Test sample complies with these details.  
Deviations are noted.

Report# 57942  
Date 4/22-4/23/05 Tech [Signature]

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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