

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

**Rendered to:**

**EAGLE WINDOW & DOOR, INC.**

**SERIES/MODEL: Ascent Series Clad  
Outswing Door**

**PRODUCT TYPE: Aluminum Clad  
Outswing Wood Door (X)**

<b>Title</b>	<b>Summary of Results</b>
Primary Product Designator	LC-PG60 SHD 1016 x 2421 (40 x 95)
Design Pressure	2880 Pa (60.0 psf)
Air Infiltration	<0.05 L/s/m <sup>2</sup> (<0.01cfm/ft <sup>2</sup> )
Water Penetration Resistance Test Pressure	440 Pa (9.0 psf)
Uniform Load Structural Test Pressure	±4320 Pa (±90.0 psf)
Forced Entry Resistance	Grade

Reference should be made to Report No. 57935.01-201-44, dated 12/12/08 for complete test specimen description and data.

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

Rendered to:

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

Report No.: 57935.01-201-44  
Test Dates: 06/22/05  
Through: 06/23/05  
Original Report Date: 07/07/05  
Revised Report Date: 12/12/08  
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 Outswing Door, Aluminum Clad Outswing Wood Door (X). The sample tested successfully met the performance requirements for an LC-PG60-SHD 1016 x 2421 (40 x 95) 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 Outswing Door

**Product Type:** Aluminum Clad Outswing Wood Door (X)

**Overall Size:** 1016 mm (40") wide by 2421 mm (95-5/16") high

**Panel Size:** 697 mm (38-3/16") wide by 2367mm (93-3/16") high

**Overall Area:** 2.46 m<sup>2</sup> (26.5 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. The wood jambs were sealed with silicone and fastened with three #8 by 44 mm (1-3/4") screws per corner. The sill was comprised of an aluminum extrusion slip-fit over a polyethylene / wood fiber composite material with an oak threshold. The sill was butted to the side jamb, sealed with silicone and fastened with three #8 by 44 mm (1-3/4") 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 by 2 mm (2-1/2" by 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") hollow vinyl bulb	1 Row	Top rail of panel
Schlegel 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 a 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 by 203 mm (6" to 8") on center.

**Hardware:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Hinge	4	279 mm (11") and 914 mm (36") from top and bottom of panel
3 point locking mechanism	1	Active panel
Latch and deadbolt strike	1	Lock jamb

**Test Specimen Description:** (Continued)

**Installation:** The door was installed within a wood test frame and secured through the jambs with #8 by 2-1/8" screws through strike plates into buck; two through upper and lower strike plates and three through middle strike plate. The door was additionally secured by use of two #10 by 2-1/2" wood screws in each hinge. The sill was sealed to the test frame by a silicone sealant.

**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> (0.3 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 Resistance per ASTM E 547 and ASTM E 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".*

5.3.1.2	Force to Latch Side-Hinged Door System per ANSI/BHMA A156.2**		
	Force to Latch	53 N (12 lbf)	65 N (15 lbf)
	Deadbolt	Pass	Pass
5.3.5	Forced Entry Resistance per AAMA 1304-02		
	1330 N (300 lbf) point load		
	Top lock stile corner	No entry	No entry
	Bottom lock stile corner	No entry	No entry
	Above lock	No entry	No entry

**Test Results:** (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
5.3.6.10	Operation/Cycling Performance per AAMA 920** 250,000 cycles	Meets as stated	Meets as stated
5.3.6.11	Vertical Loading Resistance per AAMA 925** Pre-load - 200 N (45 lbf)		
	Maximum vertical deflect.	0.3 mm (0.01")	N/A
	Residual vertical deflect.	<0.3 mm (<0.01")	N/A
	Test load - 1115 N (250 lbf)		
	Maximum vertical deflect.	1.5 mm (0.06")	N/A
	Residual vertical deflect.	<0.3 mm (<0.01")	N/A
	Diagonal deformation	<0.3 mm (<0.01")	N/A
	Force to latch	65 N (15 lbf)	65 N (15 lbf) max.

Optional Performance

4.3.2	Water Resistance per ASTM E 547 440 Pa (9.0 psf)	No leakage	No leakage
4.3.2	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken between lock points) (Loads were held for 60 seconds)		
	2880 Pa (60.0 psf) (positive)	1.5 mm (0.06")	See Note #3
	2880 Pa (60.0 psf) (negative)	1.2 mm (0.05")	See Note #3

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

4.3.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken between lock points) (Loads were held for 10 seconds)		
	4320 Pa (90.0 psf) (positive)	<0.3 mm (<0.01")	4.1 mm (0.16") max.
	4320 Pa (90.0 psf) (negative)	0.3 mm (0.01")	4.1 mm (0.16") max.

\*\*Results were taken from a larger window of similar construction tested 10/09/06; please see Architectural Testing, Inc. test report 67856.01-602-44.

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

**Drawing Reference:** The test specimen drawings have been reviewed by Architectural Testing 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.
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  
Technician

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Daniel A. Johnson  
Regional Manager

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 (25)

### Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	07/07/05	N/A	Original report issue; report forwarded to AMS for Hallmark Certification.
1	12/12/08	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**  
**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](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 #: 57935.01-201-44-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-639.00

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 Outswing Door  
(as to be listed on CCL)

Product Type: Side Hinged Door

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-PG60-SHD +60/-60
<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	_____
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<input type="checkbox"/>	ASTM E 1996 05 / E1886-05	_____
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<input type="checkbox"/>	Other:	_____

**Appendix C**  
**Drawings**

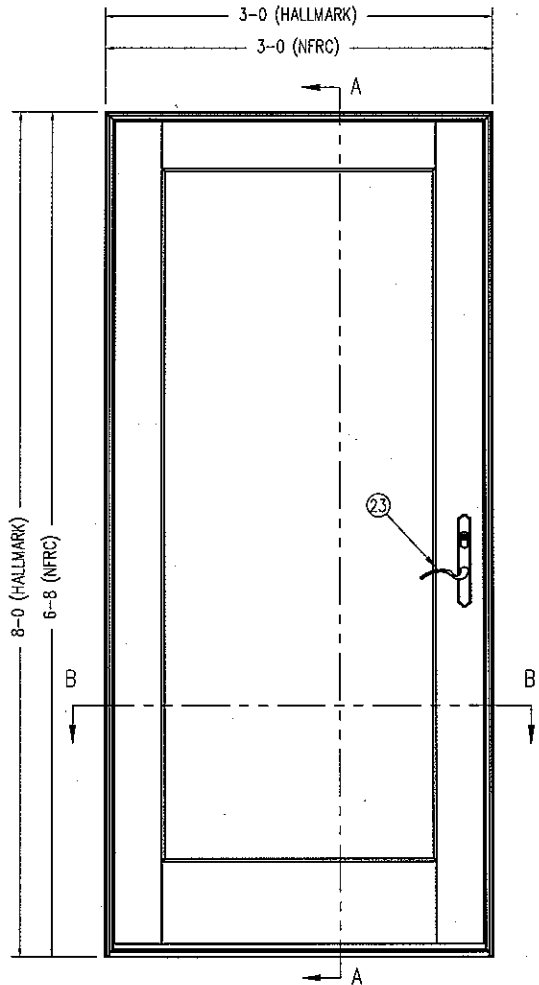
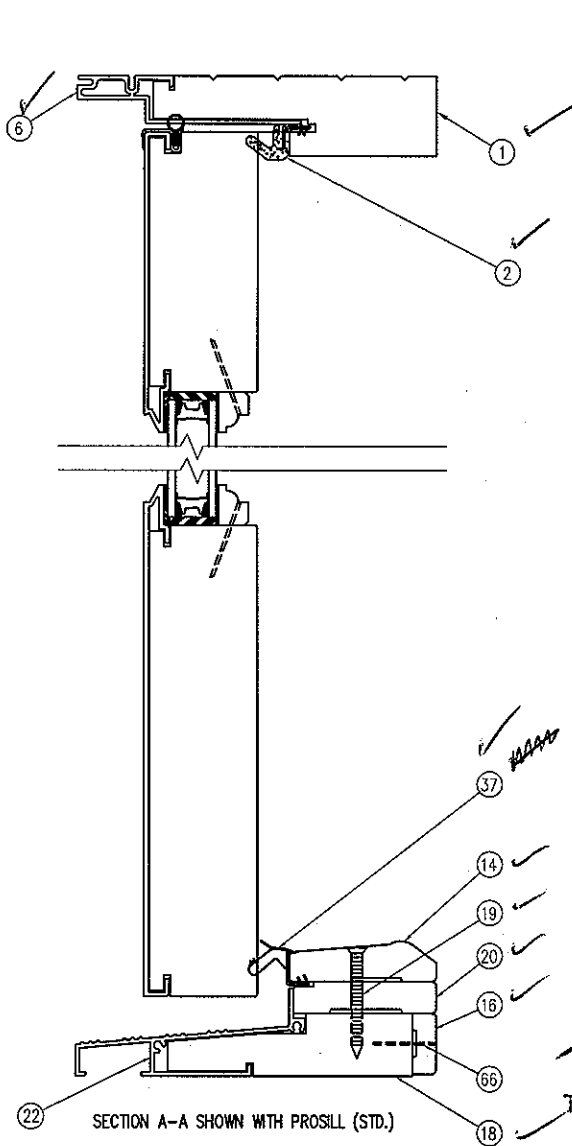
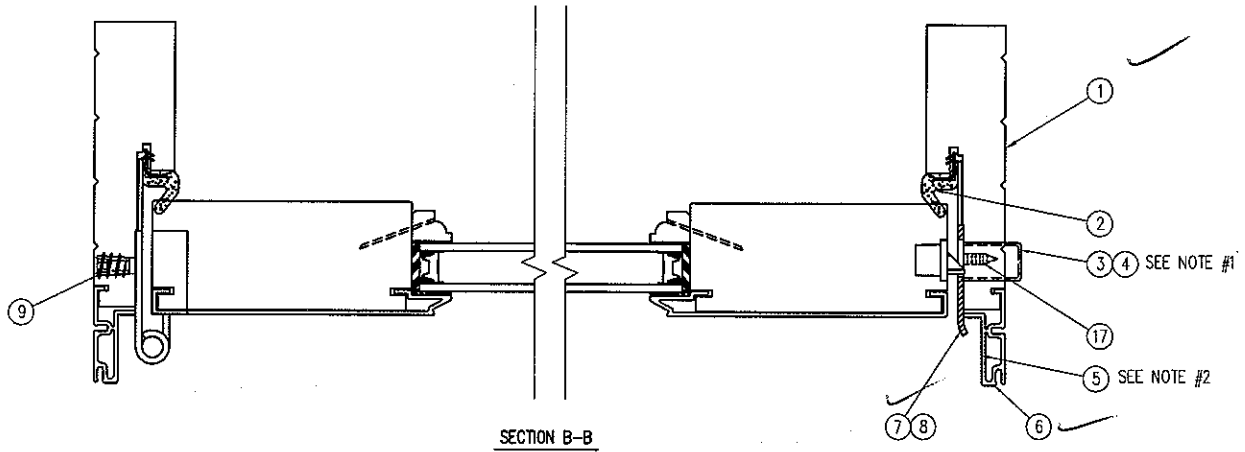
NO.	DWG. NO.	PART DESCRIPTION	QUANTITY	MATERIAL	SUPPLIER
✓ 1	206X	JAMB	3	WOOD (FJ)	EAGLE WINDOW & DOOR
✓ 2	A62G	WEATHERSTRIP	3	URETHANE FOAM	SCHLEGEL
✓ 3	A47A	TOP AND BOTTOM DUST CUP	2	NYLON	LAKE COUNTRY SALES
✓ 4	A469	CENTER STRIKE DUST CUP (SIDE JAMB)	1	NYLON	LAKE COUNTRY SALES
✓ 5	A030	SILICONE SEALANT	AS REQUIRED	SILICONE	DOW CORNING
✓ 6	A04B	JAMB CLADDING	2	ALUMINUM	BONNELL
7	A517	STRIKE PLATE TOP & BOTTOM	2	BRASS	G-U HARDWARE
8	A518	CENTER STRIKE PLATE	1	BRASS	G-U HARDWARE
9	A05X	#10-24 THREADED INSERT	6	ZINC	ABILITY FASTENERS
10	A516	#12 X 1 1/2 FH. WS. (FPL)	12	STAINLESS STEEL	ABILITY FASTENERS
11	A47J	HINGE SHIM	3	PLASTIC	LAKE COUNTRY SALES
12	A47K	HINGE CUP	3	PLASTIC	LAKE COUNTRY SALES
13	A49P	COMMERCIAL HINGE	3	BRASS	FPL
✓ 14	21HD	OAK OUTSWING THRESHOLD	1	WOOD	EAGLE WINDOW & DOOR
✓ 15	A39W	#7 x 1 1/4" FHSMS SS (Edge hardware to panel)	AS REQUIRED	STAINLESS STEEL	G-U HARDWARE
✓ 16	21HC	OAK OUTSWING SILL TRIM LF	1	WOOD	EAGLE WINDOW & DOOR
✓ 17	A00R	#7 x 5/8" PFH TYPE A S.S.	7	STAINLESS STEEL	ABILITY FASTENERS
✓ 18	A476	COMPOSITE O/S SUB-SILL	1	PLASTIC/WOOD	ICT
✓ 19	A02E	#8 x 1 3/4" FHWS Z & Y	AS REQUIRED	STEEL	ABILITY FASTENERS
✓ 20	21HE	OAK CAP FOR O/S SILL LF	1	WOOD	EAGLE WINDOW & DOOR
✓ 21	A49X	PANEL CAP	1	ALUMINUM	BONNELL
✓ 22	A477	O/S FD SILL	1	ALUMINUM	BONNELL
23	A395	HANDLE SET	1	BRASS	FPL
24	A43D	2 1/2" BRAD .077 DIA	4	GALVANIZED STEEL	ABILITY FASTENERS
25	A129	CORNER KEY O/S FD	2	ZINC	DECO PRODUCTS CO.
26	A08R	AQUA-CRYLIC SILICONIZED WHITE	AS REQUIRED	ACRYLIC SEALANT	WHITECAULK
27	A01D	WOOD ADHESIVE	AS REQUIRED	COPOLYMER	NATIONAL STARCH
28	20A4	WOOD DOWEL	AS REQUIRED	WHITE BIRCH	EXCEL DOWEL
✓ 29	20D6	TOP RAIL	1	WOOD	PAC. WOOD LAMINATES
30	20DJ	BOTTOM RAIL	1	WOOD	PAC. WOOD LAMINATES
✓ 31	220J	COLONIAL GLAZING STOP	4	WOOD	EAGLE WINDOW & DOOR
32	A699	PANEL WEDGE	4	ST NYLON	LAKE COUNTRY SALES
33	A64K	8" BOTTOM RAIL COVER	1	ALUMINUM	BONNELL
34	A40F	1 1/4" 18GA HARD STL BRAD	AS REQUIRED	STEEL	ABILITY FASTENERS
35	A67M	.031 x .625 FOAM TAPE (GLASS STOP TAPE)	4	POLYETHYLENE	ADHESIVE RESEARCH
36	A00T	#7 X 7/8" FHWS S.S.	6	STAINLESS STEEL	DECO PRODUCTS CO.
✓ 37	A59Y	SILL WEATHERSTRIP	1	URETHANE FOAM	SCHLEGEL
38	A38M	2" GU TOP EXTENSION	1	STAINLESS STEEL	G-U HARDWARE
39	A08K	GLAZING SHIM	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
40	A00E	GLASS SETTING BLOCK, NEOPRENE	AS REQUIRED	NEOPRENE RUBBER	CLIM-A-TECH
✓ 41	20DB	LOCK STILE	1	WOOD	PAC. WOOD LAMINATES
✓ 42	20D6	HINGE STILE	1	WOOD	PAC. WOOD LAMINATES
✓ 43	A283	ARLOC BULB WEATHERSTIP	2	PPR	INTEK
✓ 44	A613	4 11/16" SASH METAL	3	ALUMINUM	BONNELL
45	A01A	SEALANT BUTYL TAPE	AS REQUIRED	BUTYL RUBBER	PTI INC.
46	A38E	EAGLE (AUTOMATIC) GU GEAR	1	STAINLESS STEEL	G-U HARDWARE
47	A019	3/4" INSULATED GLASS	1	GLASS	CARDINAL IG
	A32Y	SINGLE PANE GLASS (MONOLITHIC)		GLASS	CARDINAL IG
48	H-40	5/8" BETWEEN GLASS MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
49	P/PD	1" CONTOUR MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
50	220H	1 1/2" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
51	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
52	A507	1 1/2" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
53	A67X	1 1/2" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
54	A67L	1 1/2" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
55	220H	1 1/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
56	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
57	A507	1 1/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
58	A67W	1 1/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
59	A67R	1 1/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
60	220H	7/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
61	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
62	A507	7/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
63	A67T	7/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
64	A67N	7/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
65	N/A	ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	CARDINAL IG
✓ 66	A40E	1" 18 GA HARD STL BRAD	AS REQUIRED	STEEL	ABILITY FASTENERS

Date 6/22-6/23/05  
 Report# 57935  
 Deviations are noted.  
 Test sample complies with these details.  
 Architectural Testing

TITLE: SINGLE O/S FR DOOR UNIT ASSEMBLY	
FINISH:	
MATL:	
DFT: TWN	SCALE: 1=1
DCN: 0836	DRWG: 0462
DATE: 3/3/05	C 09

NO	DESCRIPTION	DFT	DOC	DATE
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NOTE: 1. A DUST COVER IS PLACED UNDER EACH STRIKE PLATE.  
 2. 1/8" BEAD OF SILICONE TO SEAL JOINT BETWEEN JAMB AND SILL.



EXTERIOR VIEW  
 Architectural Testing

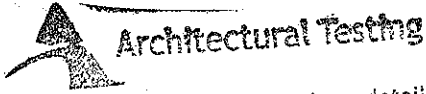
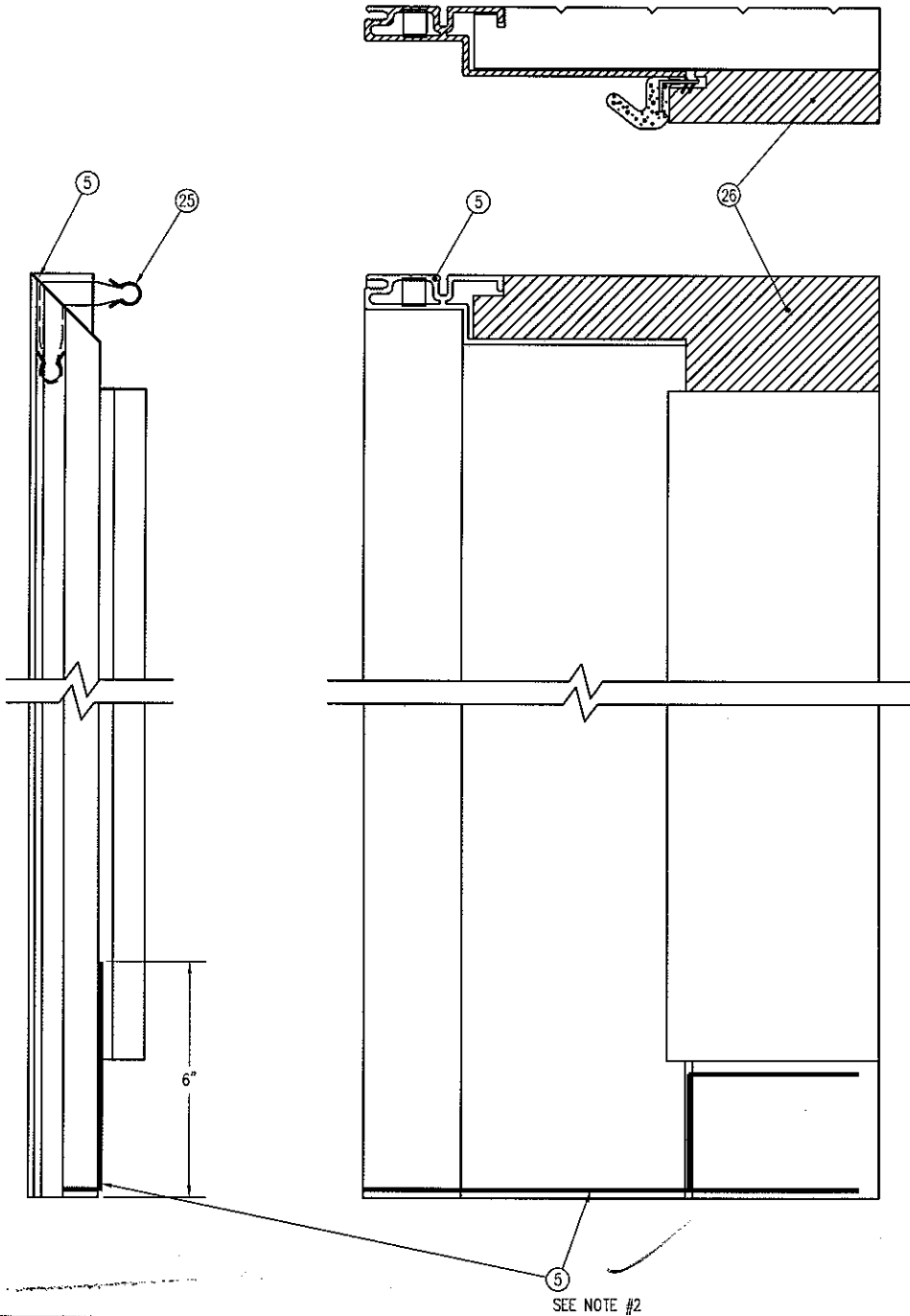
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 Deviations are noted.

Report# 57935  
 Date 6/22-6/23/05 Tech GPK

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: CHDVO - SINGLE UNIT ASSEMBLY			
FINISH:			
MATL:			
DFT:	TWN	SCALE:	1=
DCN:	0836	DRWG:	0462
DATE:	3/2/2005	C	01 OF 08

NO	DESCRIPTION	DFT	DOC	DATE

1. INSERT CORNER KEYS AFTER APPLYING SILICONE SEALANT.
2. SILL TO JAMB SEALANT PATTERN, USE 3/16" DIA. BEAD OF SILICONE SEALANT.



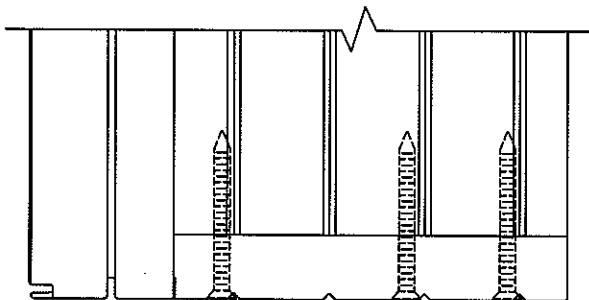
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 Deviations are noted.

Report# 57935  
 Date 6/22-6/23/05 Tech APK

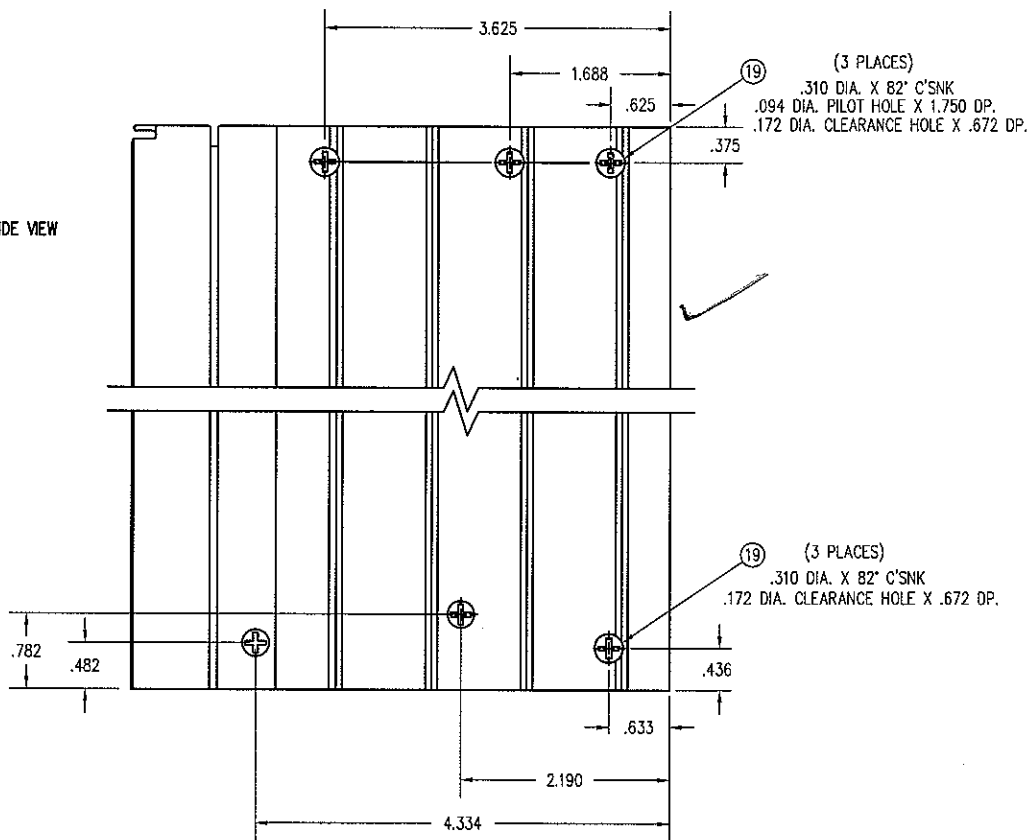
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FINISH:	
MATERIAL:	
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DCN: 0836	DRWG: 0462
DATE: 3/2/2005	C 02

NO	DESCRIPTION	DFT	DOC	DATE

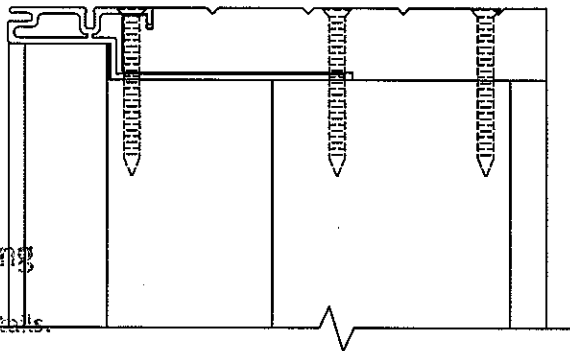
TOP VIEW



SIDE VIEW



BOTTOM VIEW



Architectural Testing

Test sample complies with these details.  
Deviations are noted.

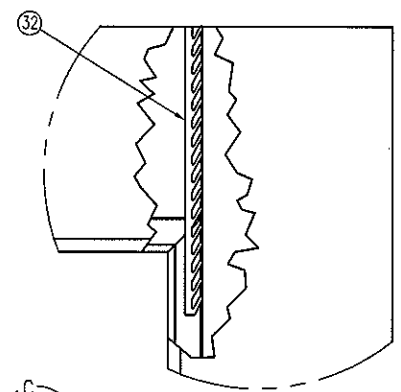
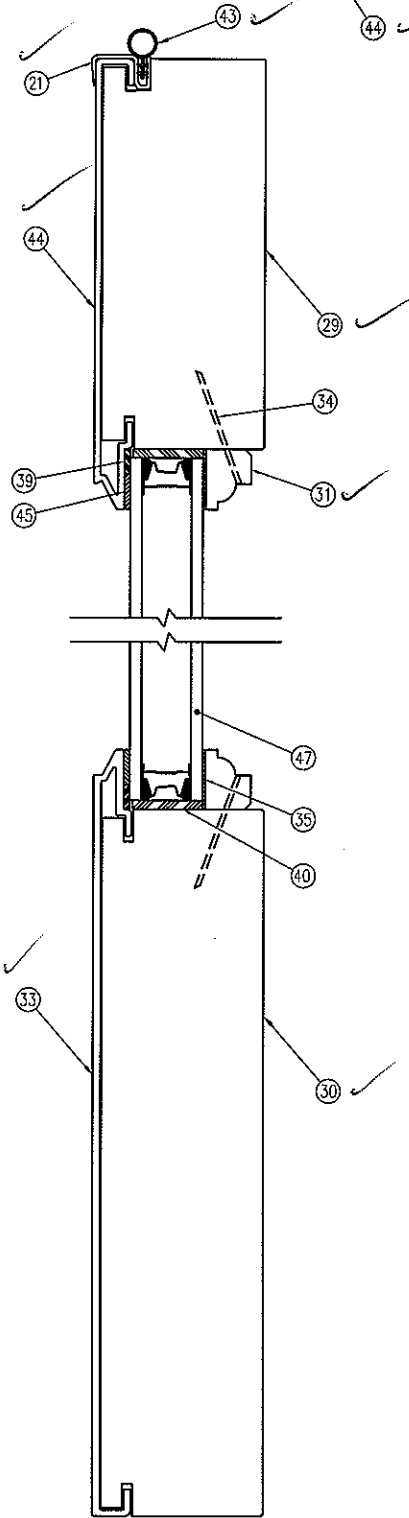
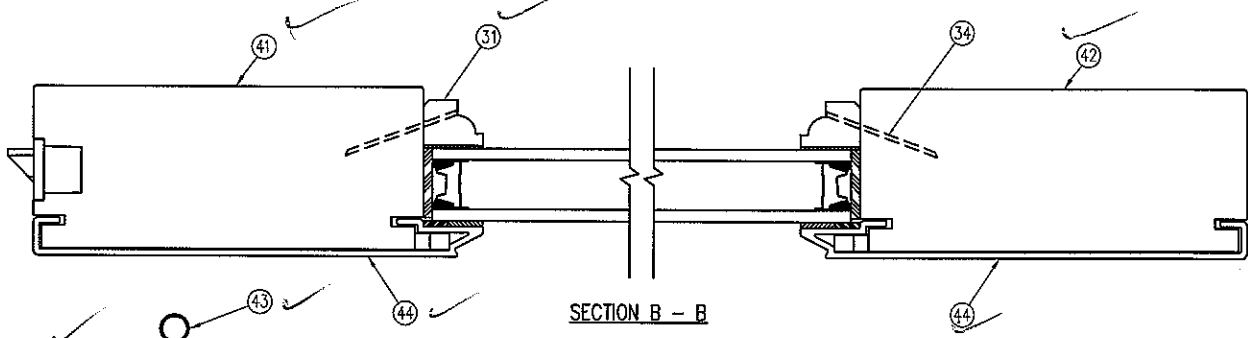
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Date 6/22-6/23/05 Tech gpk

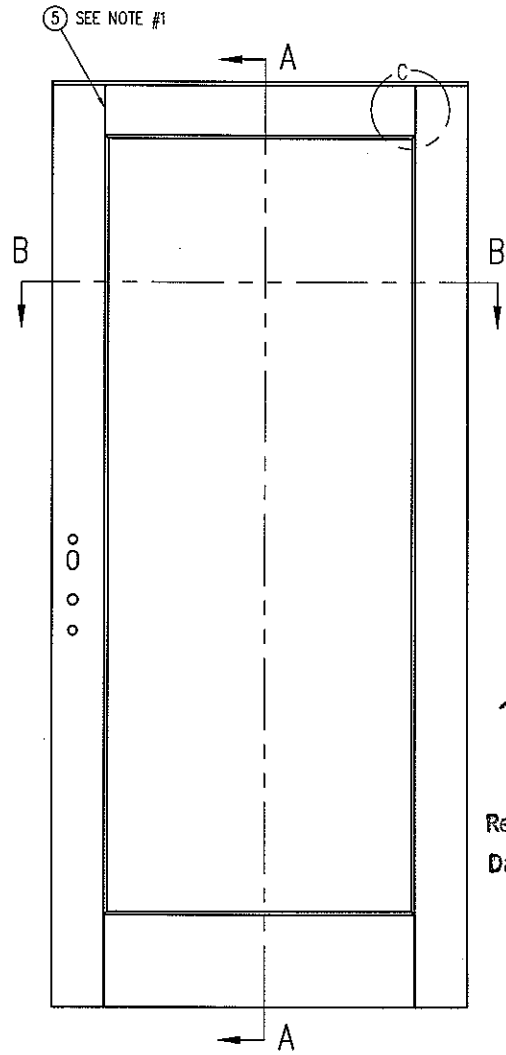
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TITLE: CHDVO - SINGLE DOOR UNIT ASSEMBLY			
FINISH:			
MATL:			
DFT:	TWN	SCALE:	1=2
DCN:	0836	DRWG:	0462
DATE:	3/2/2005	C	03

NO.	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. SILICONE SEALANT MUST RUN ENTIRE LENGTH OF SEAM BETWEEN STILE AND RAIL CLADDING.



DETAIL C  
SCALE X .5



EXTERIOR VIEW



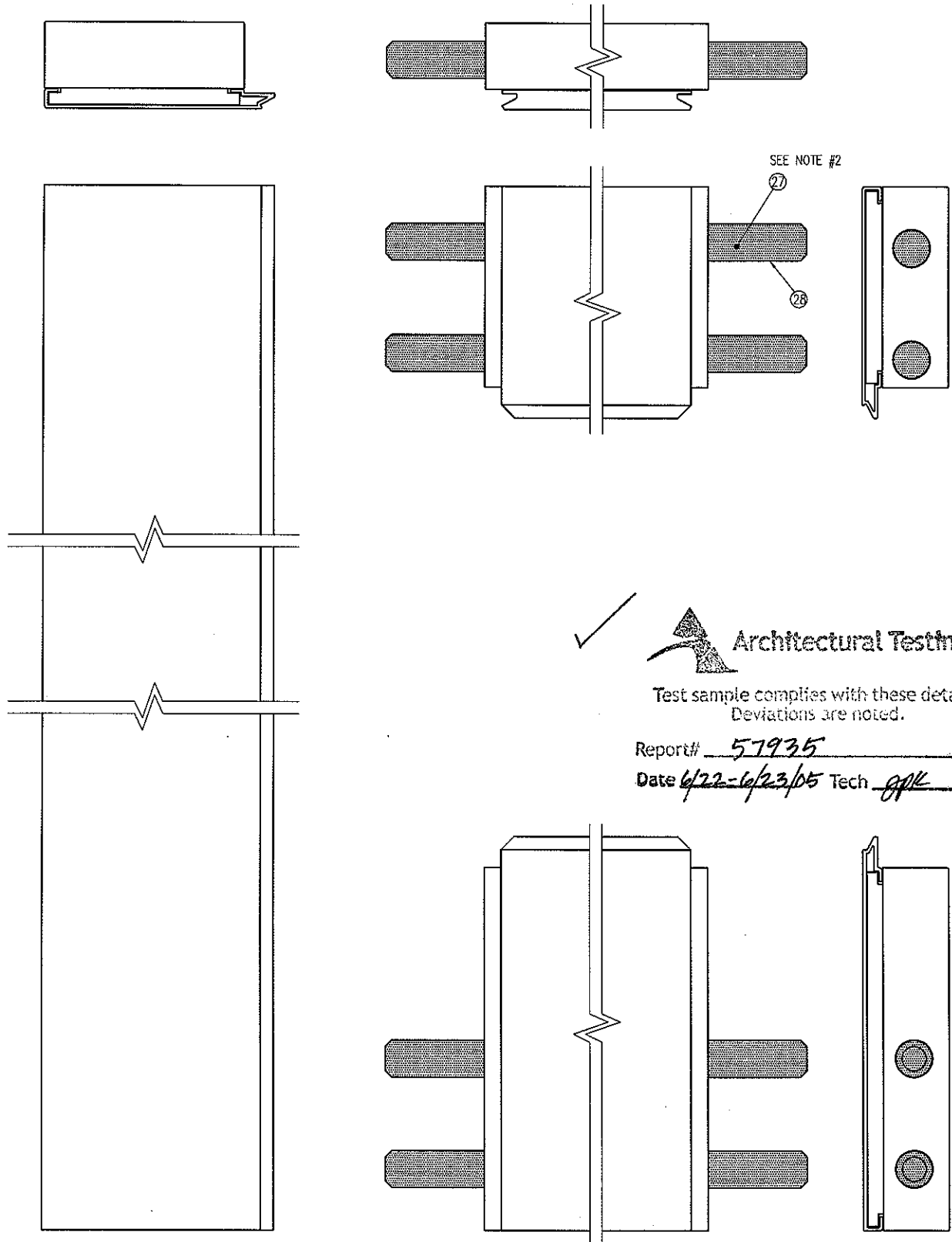
Test sample complies with these details.  
Deviations are noted.

Report# 57935  
Date 6/22-6/23/05 Tech OPK

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TITLE: CHDVO - SINGLE DOOR PANEL ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: TWN	SCALE: 1=2
DCN: 0794	DRWG: 0462
DATE: 3/2/05	C 04

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# 57935  
 Date 4/22-6/23/05 Tech gpk

STILE

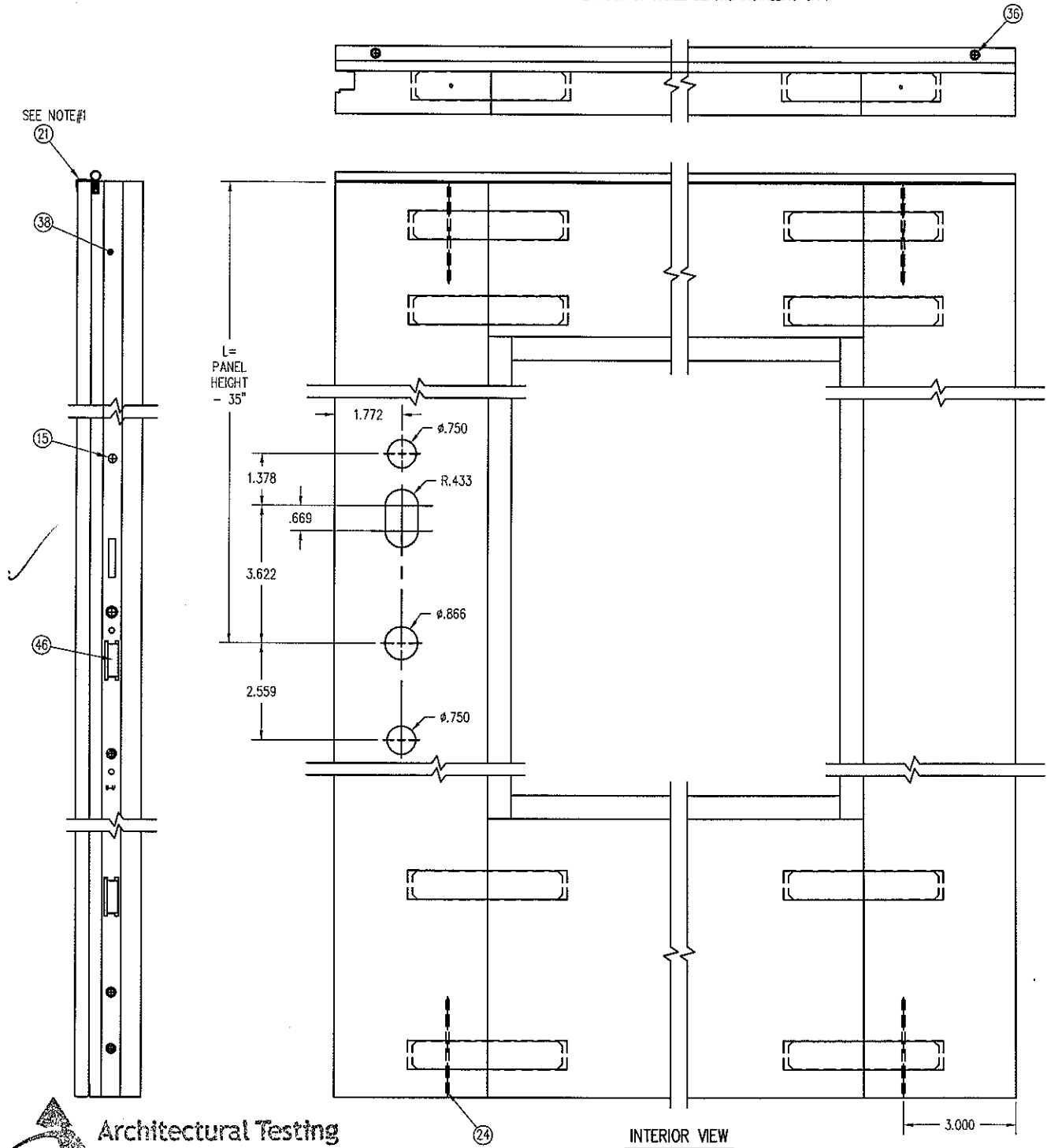
RAILS

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 TITLE: CHDVO - SINGLE DOOR  
 PANEL ASSEMBLY

FINISH:  
 MATL:  
 DFT: TWN SCALE: 1=3  
 DCN: 0836 DRWG: 0462  
 DATE: 3/3/05 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.



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# 57935

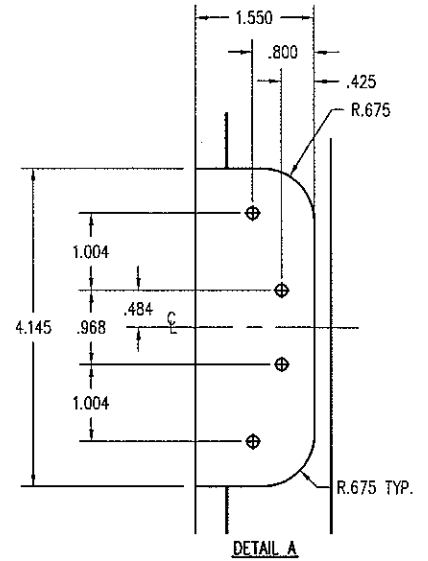
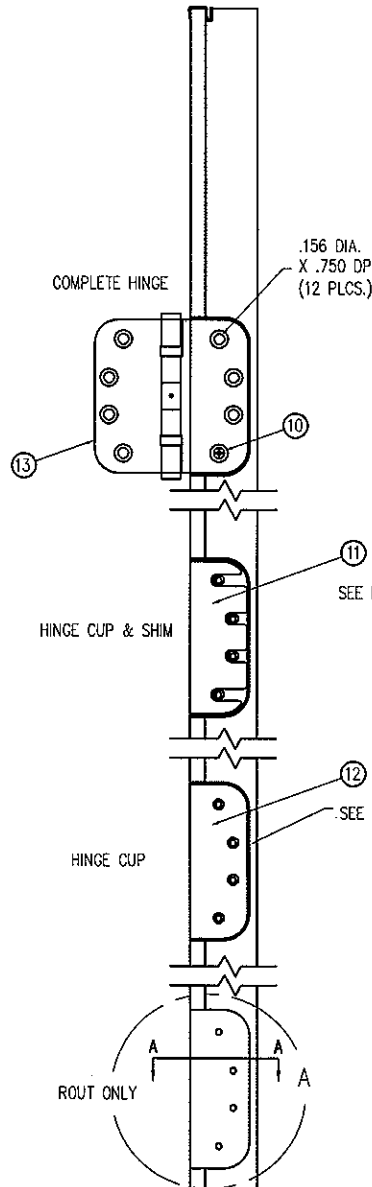
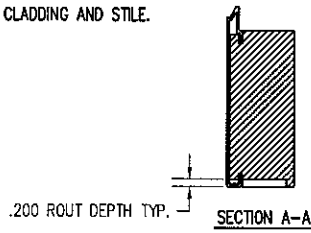
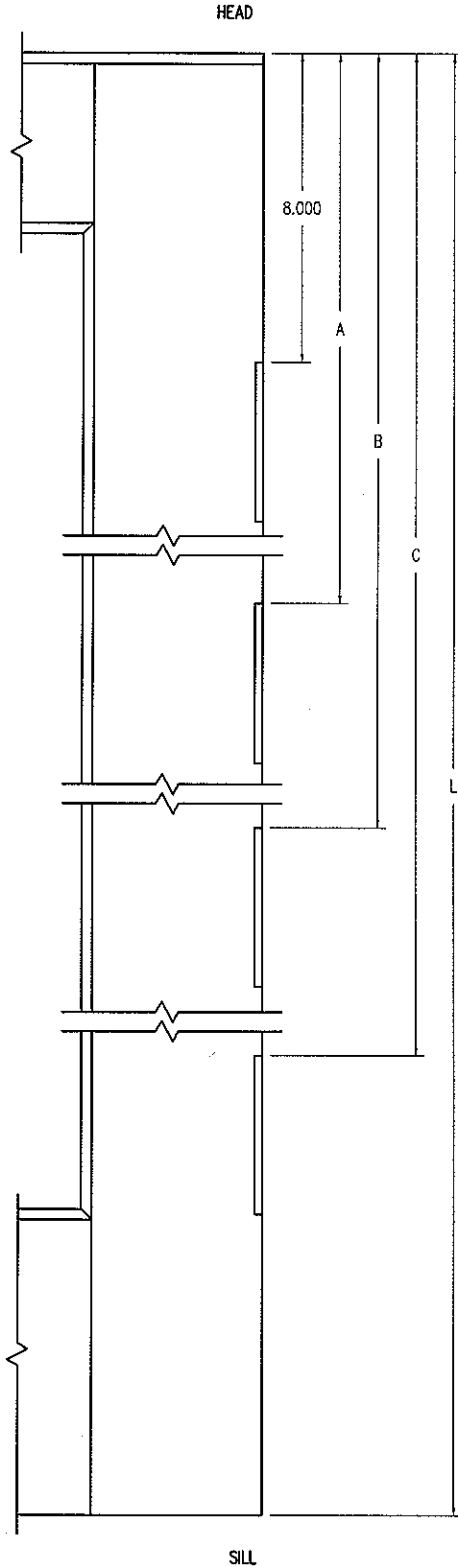
Date 6/22-6/23/05 Test APK

FRAME	PANEL	L
79 5/16	77 3/16	42 3/16
81 5/16	79 3/16	44 3/16
83 5/16	81 3/16	46 3/16
95 5/16	93 3/16	58 3/16

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TITLE: CHDVO - SINGLE DOOR PANEL ASSEMBLY			
FINISH:			
MATERIAL:			
DFT:	TWN	SCALE:	1=4
DCN:	0836	DRWG:	0462
DATE:	3/3/05	C	06

NO	DESCRIPTION	DFT	DOC	DATE

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



THIS DETAIL IS FOR FPL HINGE ONLY



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# 57935

Date 6/22/05 Tech JPK  
6/22-6/23/05

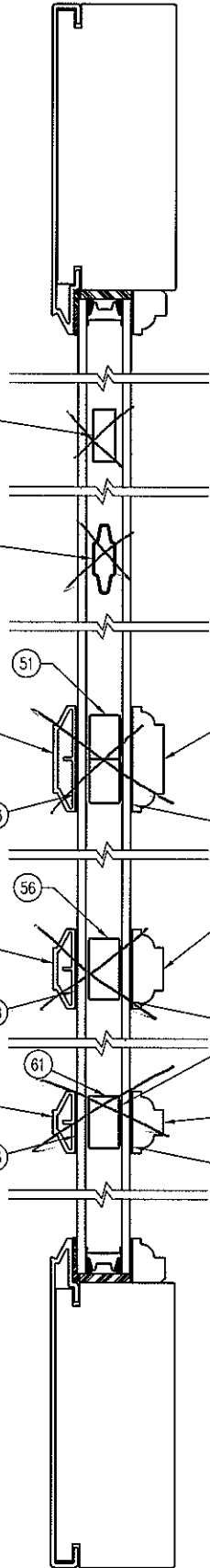


FRAME HEIGHT	A	B	C	L
79 5/16	36.521	65.043		77 3/16
81 5/16	37.521	67.043		79 3/16
83 5/16	38.348	69.696		81 3/16
95 5/16*	32.348	56.696	81.043	93 3/16

\* UNITS 90" AND OVER TO RECEIVE 4 HINGES

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TITLE: CHDVO - SINGLE DOOR PANEL ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: TWN	SCALE: 1=5
DCN: 0836	DRWG: 0462
DATE: 3/3/05	C 07

NO	DESCRIPTION	DFT	DOC	DATE



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# 57935

Date 4/22-6/23/05 Tech OPK



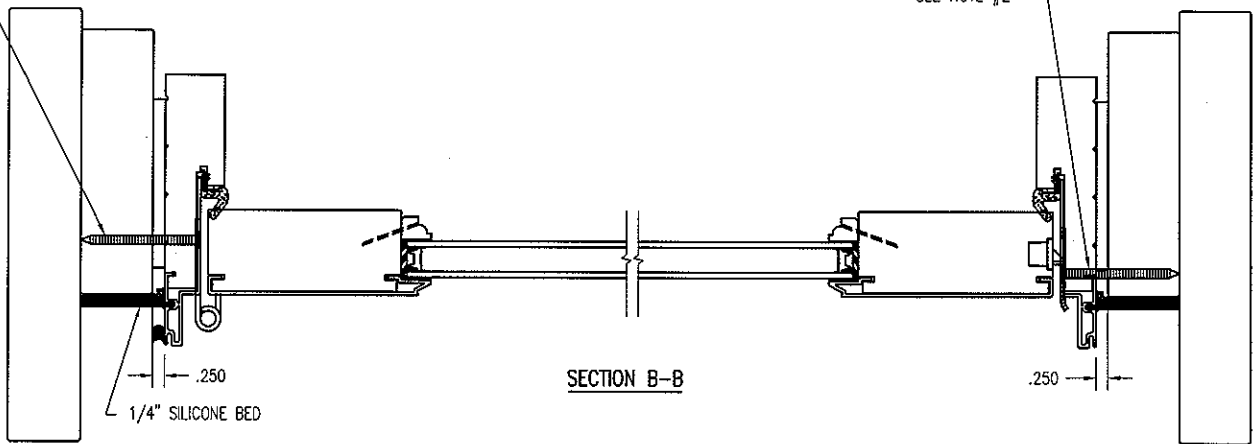
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TITLE: CHDVO - SINGLE DOOR PANEL ASSEMBLY			
FINISH:			
MATERIAL:			
DFT:	TWN	SCALE:	1=2 1/2
DCN:	0836	DRWG:	0462
DATE:	3/3/05	C	08

NO	DESCRIPTION	DFT	DOC	DATE

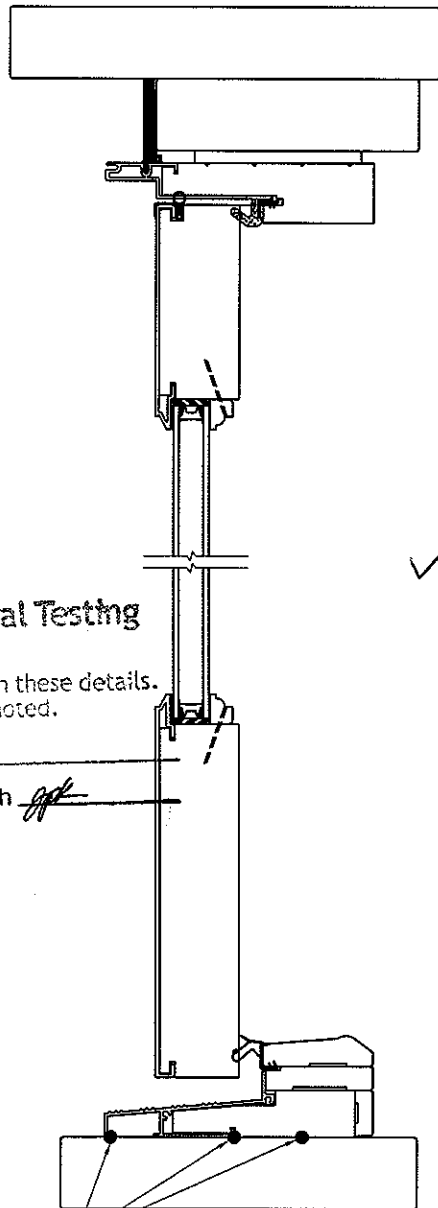
- NOTE 1. (8) #10 X 2 1/2" SCREWS THROUGH HINGES INTO BUCK. (2 PER HINGE, 8 TOTAL)  
 2. (7) #8 X 2 1/8" SCREWS THROUGH STRIKE PLATES INTO BUCK.

SCREW THROUGH HINGES ONLY. SEE NOTE #1

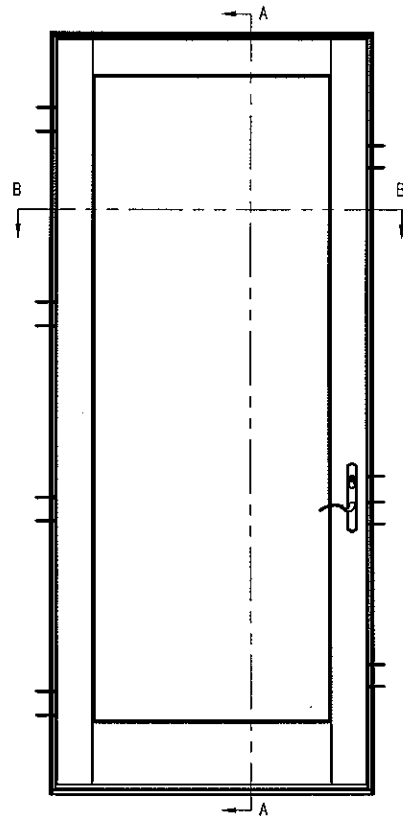
SEE NOTE #2



SECTION B-B



1/4" BEAD OF SILICONE SECTION A-A



EXTERIOR VIEW

**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# 57935

Date 6/22-6/23/05 Tech *[Signature]*

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 TITLE: 3480 CLAD OUTSWING DOOR  
 INSTALLATION DETAIL

FINISH:

MATL:

DF3: TWN SCALE: 1=4

DCN: 0836 DRWG: 040A

DATE: 6/17/2005 C 01 OF 06

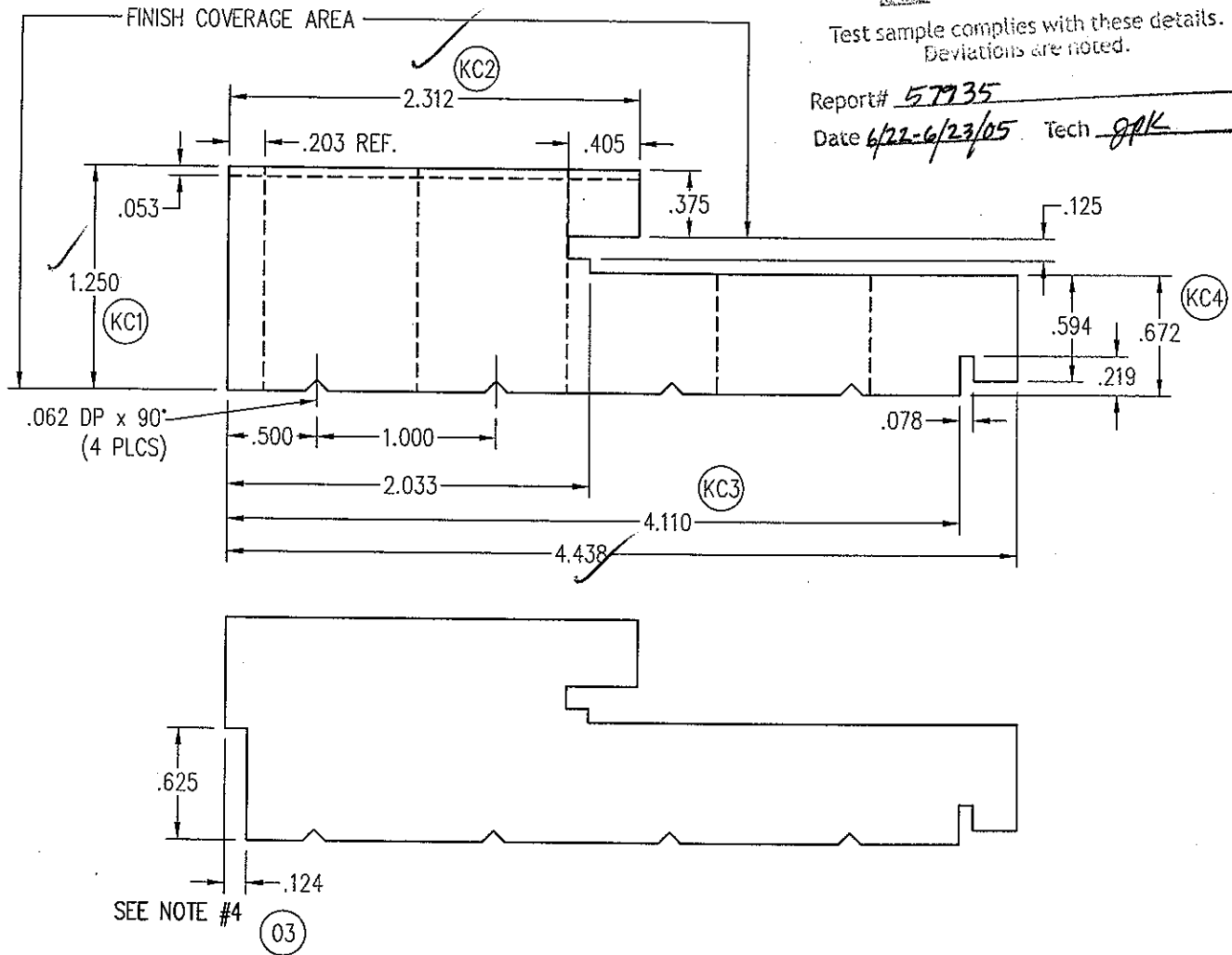
NO	DESCRIPTION	DFT	DOC	DATE

- Note: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. +/- .005, FRACTION +/- 1/64, ANGLES +/- 1/2.
2. NO TELEGRAPHING (VISIBILITY) OF CORE GLUE JOINTS THROUGH ANY EXPOSED 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 21C3. 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 21C3.
  - B. EDGE GLUED, FINGER-JOINTED, OR EDGE GLUED AND FINGER JOINTED PINE (SURGAR 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).
4. ROUT IS REQUIRED FOR ALL UNITS REQUIRING EXTENSION JAMB.



Test sample complies with these details.  
Deviations are noted.

Report# 57935  
Date 6/22-6/23/05 Tech gpk



NO	Description of Change	Drafter	DCN#	Date
04	ADDED FINISH COVERAGE AREA, AND CHANGED TITLE BLOCK	JH	0924	11/4/2004
03	ADDED NOTCH	RDA	0260	5/2/1997
02	REVISED PROFILE	MJP	0199	4/13/1995
01	ADDED NOTES 2 & 3	BRL	0189	2/3/1995

Title: JAMB	Finish:	Material: SEE NOTES #3
Scale: 1"=1"	Date: 4/7/1993	REVISION: 206X
Drafter: JMH	DCN# 0037	4 01 of 02

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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



Architectural Testing

Test sample complies with these details.  
Deviations are noted.

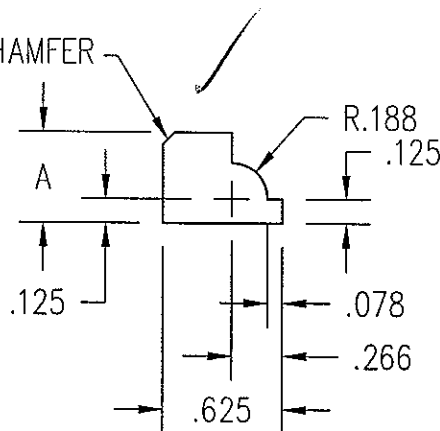
Report# 57935

Date 6/22-6/23/05 Tech JML

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



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TITLE: COLONIAL GLAZING STOP

FINISH:

MATL:

EAGLE STD WOOD OFFERINGS

DFT: JMH

SCALE: 1=1

DCN: 0650

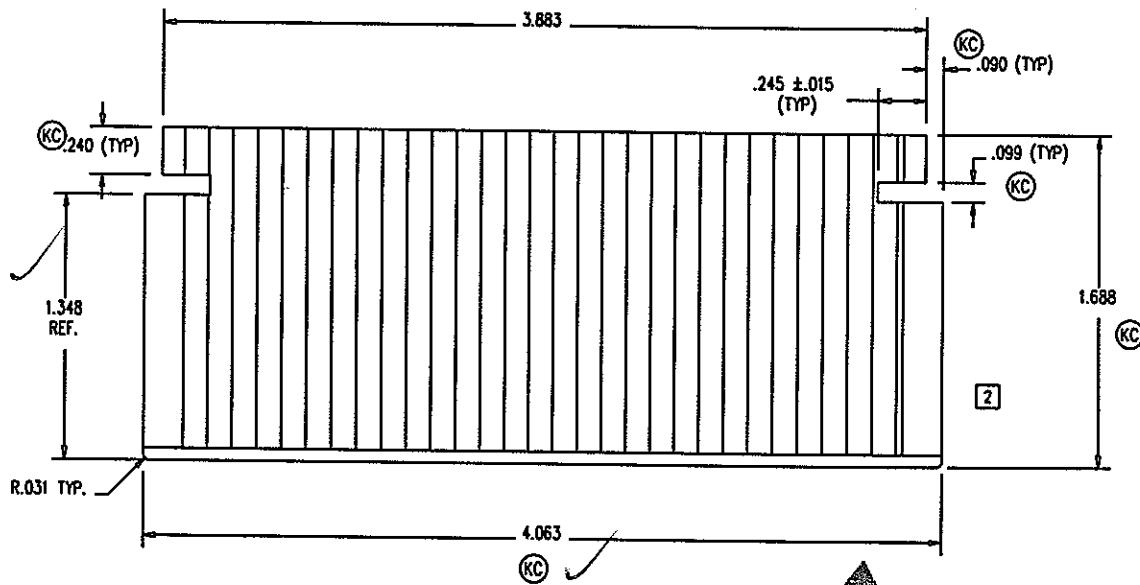
DRWG: 220J

DATE: 5/29/2002

A 01 OF 03

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.  $\pm 0.010$ ; 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# 57935

Date 6/22-6/23/05 Tech gpk

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TITLE: 4 11/16" STILE / RAIL

FINISH:

04	CHNG'D PROFILE	TWN	PRE	3/22/05	MATL:	SEE NOTE 13
03	104 (TYP) READ .086	AWW	PRE	10/18/04		
02	REMOVED ANGLE FROM GLASS SHEET	AWW	PRE	10/3/04	DFT:	TWN SCALE: 1=1
01	CHNG'D 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.  $\pm 0.010$ ; 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).

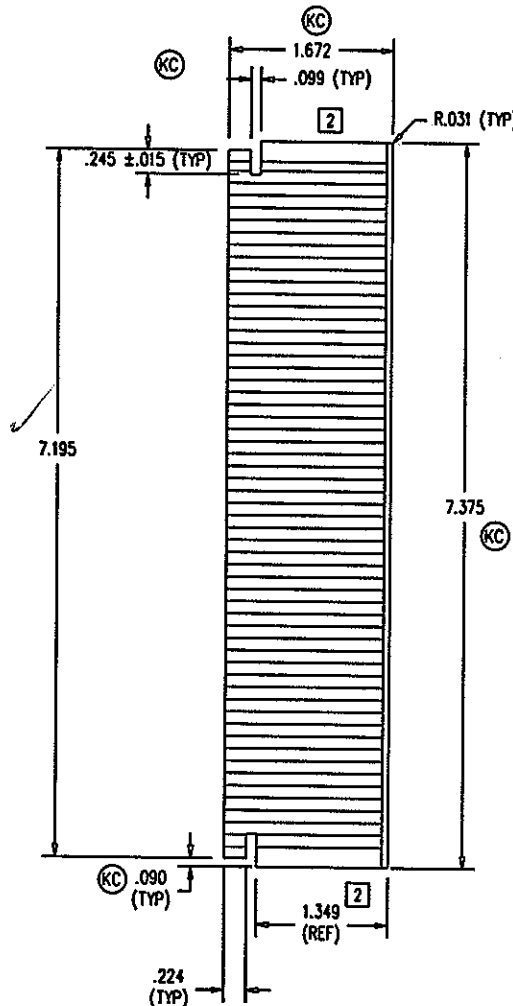


## Architectural Testing

Test sample complies with these details.  
Deviations are noted.

Report# 57935

Date 6/22-6/23/05 Tech JKK



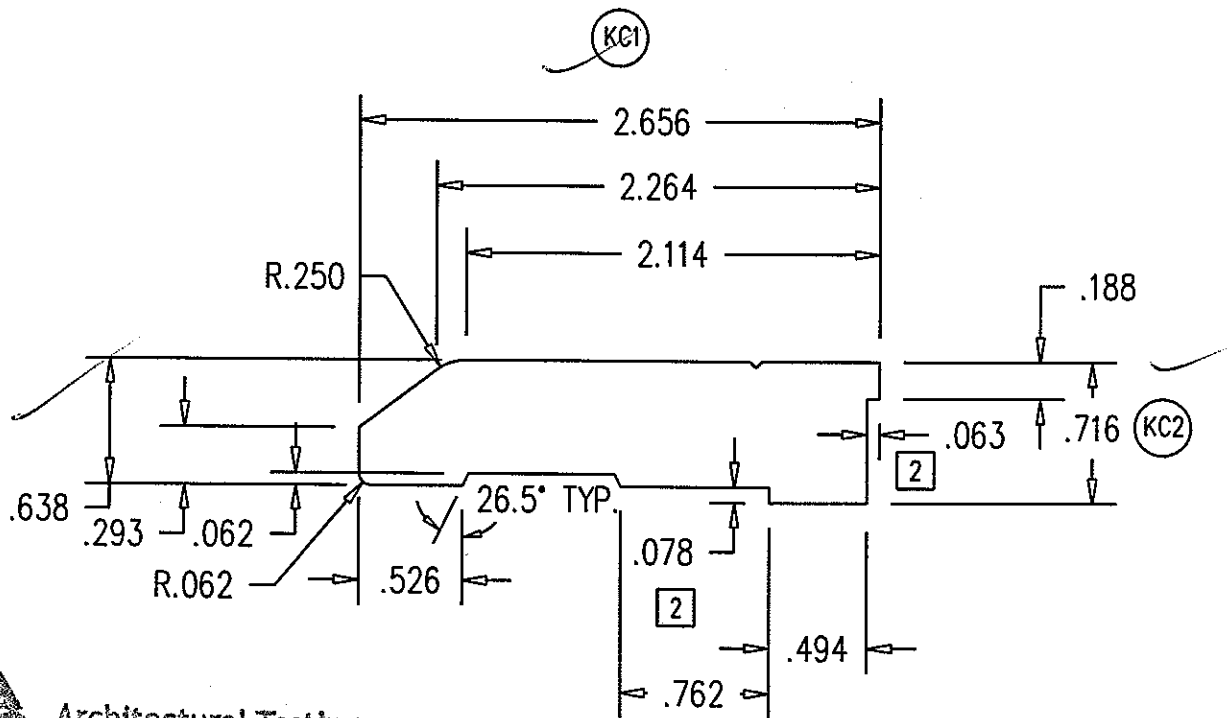
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TITLE: 8" BOTTOM RAIL

FINISH:

04	CHNGD PROFILE	TWN	PRE	3/22/05	MAIL:	SEE NOTE #3
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	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. ±.005; FRAC. ±1/64; ANGLES ±1/2°.



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# 57935  
Date 6/22-6/23/05 Tech SPK

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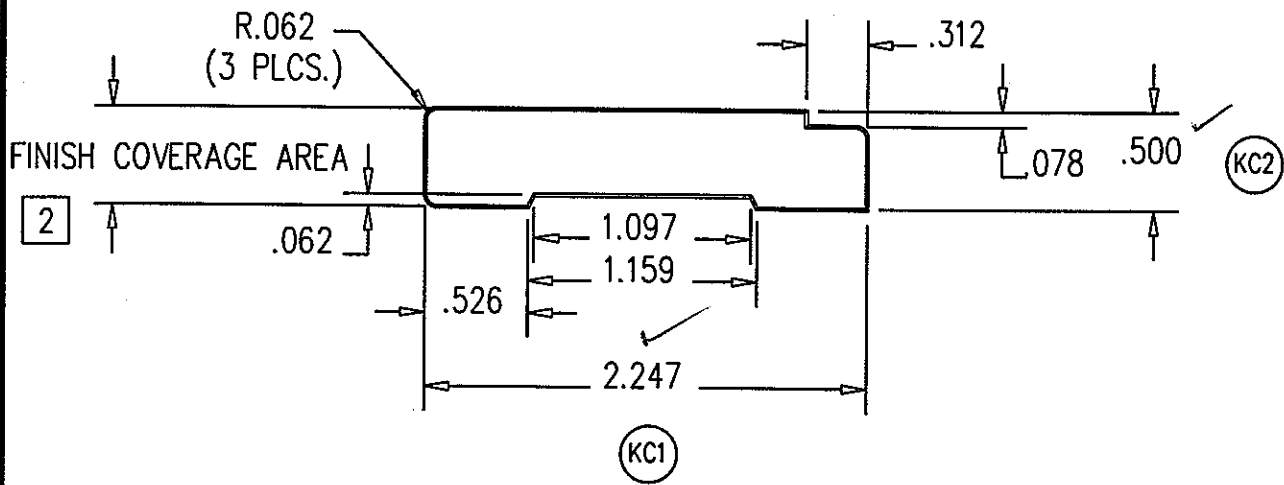
TITLE: OUTSWING SIDELITE SILL STOP

FINISH: PRESERVATIVE

MATL: OAK

02	CHG'D .097 TO .078, ADDED .063	TWN	0836	5/9/2005	DFT: MJP	SCALE: 1=1
01	ADDED COVERAGE AREA	JH	0911	9/02/04	DCN: 0243	DRWG: 21H4
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 5/15/1997	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  $\pm 1/2^\circ$ .



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

Report# 57935  
 Date 6/22-6/23/05 Tech SPK

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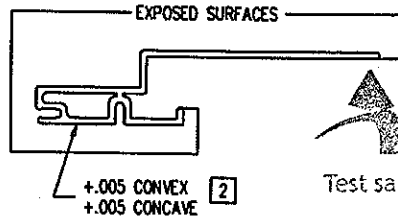
TITLE: OAK CAP FOR OUTSWING SILL

FINISH: PRESERVATIVE

MATL: OAK

02	ADDED "COVERAGE AREA"	JH	0911	9/15/04	DFT: TSB	SCALE: 1=1
01	REMOVED .015 STEP	MJP	0243	7/28/97	DCN: 0243	DRWG: 21HE
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 1/2/1997	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. UNLESS OTHERWISE SPECIFIED, WALL THICKNESS IS  $.062$ .  
 3. UNLESS OTHERWISE SPECIFIED, BREAK ALL CORNERS  $.015$  RADIUS.

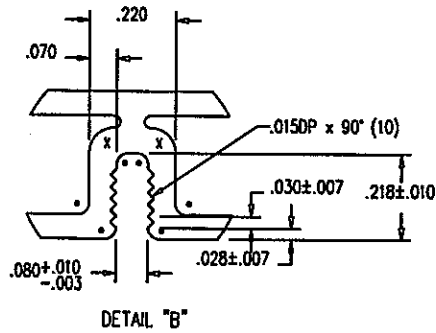
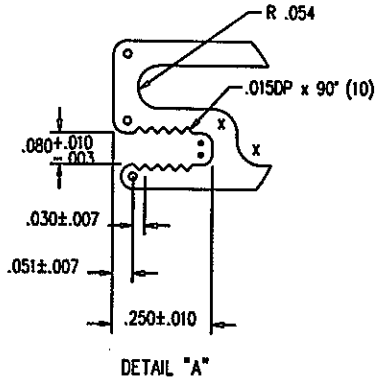
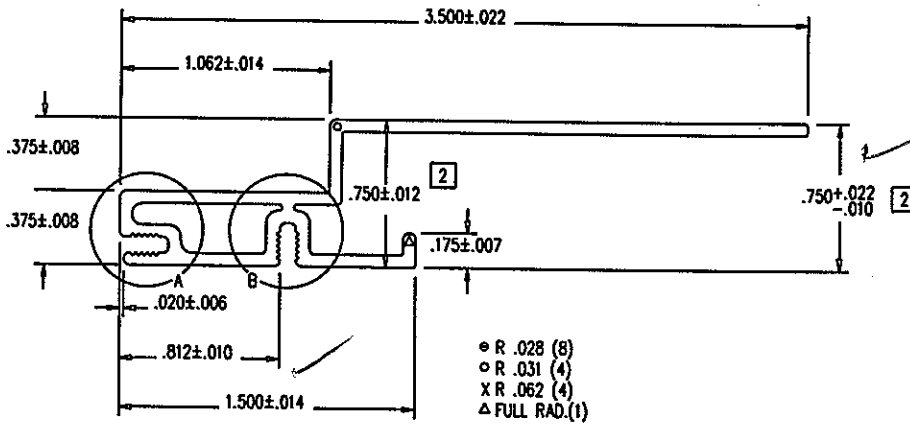


Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# 57935

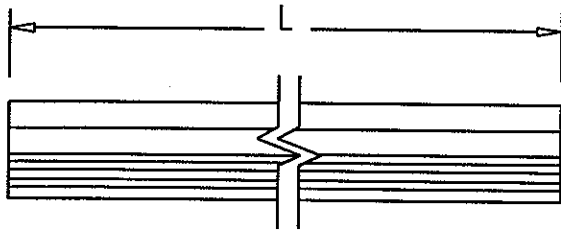
Date 6/22-6/23/05 Tech JPK



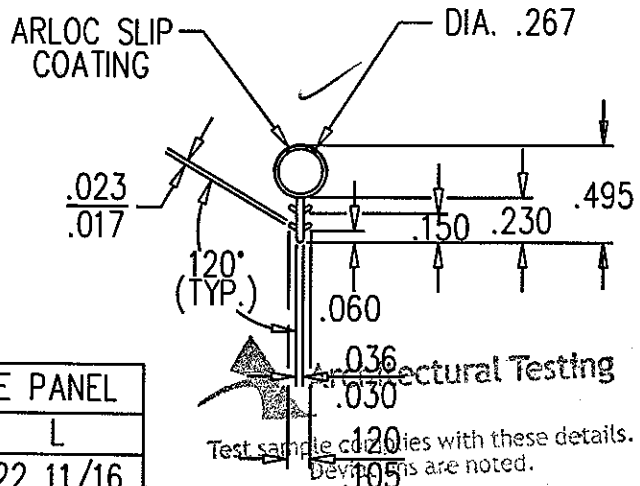
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 TITLE: O/S JAMB CLADDING  
 FINISH: EAGLE'S STD. COLORS  
 MATL: 6063 T-6 ALUMINUM

02	ADDED/CHGD DIM. & TOLERANCE	TWN	0778	4/4/03	DFT:	JMH	SCALE:	1=1
01	REVISED PROFILE	RDA	0272	9/15/97	DCN:	0037	DRWG:	A04B
NO	DESCRIPTION	DFT	DOC	DATE	DATE:	4/12/93	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: INTEK, PART #50135A.
3. .023/.017 TYP. WALL FLEX. .036/.030 TYP. WALL RIGID.
4. CHDVO, WHDVO, SINGLE PANEL:  $L = \text{FRAME WIDTH} - 1.812$ .  
 CHDVO, ACTIVE PANEL:  $L = (\text{FRAME WIDTH} / 2) - 1.343$ .  
 CHDVO, INACTIVE PANEL:  $L = (\text{FRAME WIDTH} / 2) - .593$ .  
 WHDVO, ACTIVE PANEL:  $L = (\text{FRAME WIDTH} / 2) - 1.312$ .  
 WHDVO, INACTIVE PANEL:  $L = (\text{FRAME WIDTH} / 2) - .562$ .
5. SIDE JAMB FOR CLAD & WOOD SLIDING DOORS ( $L = \text{FRAME WIDTH} - 3$ ).



4



Structural Testing  
 Report# 57935  
 Date 6/22-6/23/05 Tech JPK

CHDVO, 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

WHDVO, 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	22 11/16
60	28 11/16
64	30 11/16
72	34 11/16

CLAD & WOOD SLIDING DRS.	
FRAME HEIGHT	L
80	77
82	79
96	93

CHDVO, INACTIVE PANEL	
FRAME WIDTH	L
48 1/16	23 7/16
60 1/16	29 7/16
64 1/16	31 7/16
72 1/16	35 7/16

WHDVO, INACTIVE PANEL	
FRAME WIDTH	L
48	23 7/16
60	29 7/16
64	31 7/16
72	35 7/16

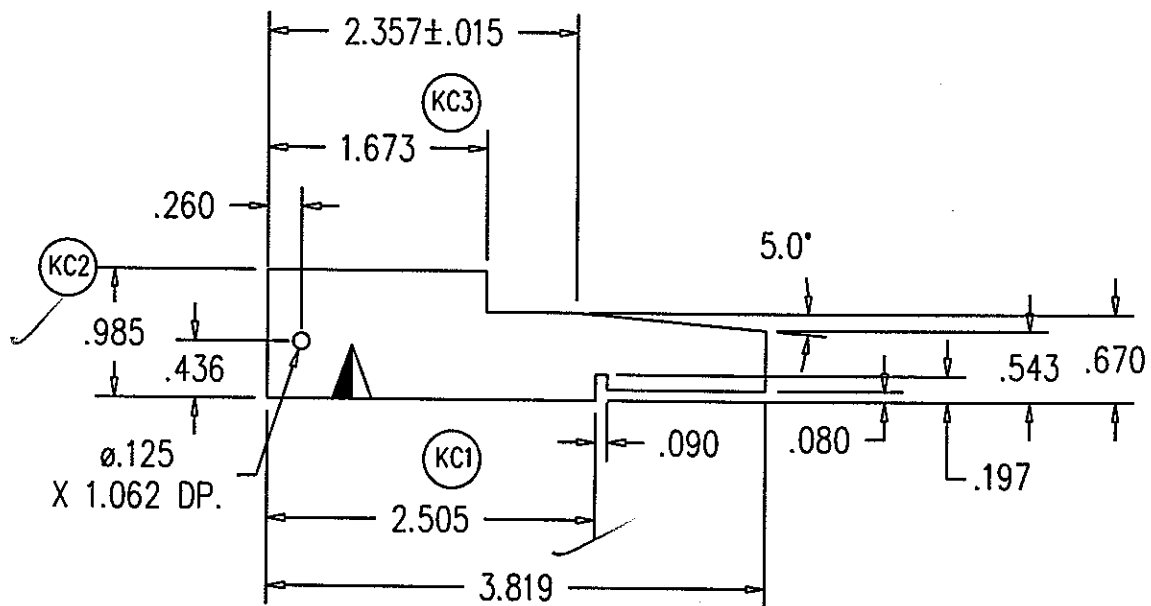
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TITLE: ARLOC BULB WEATHERSTRIP

FINISH:

05	CHANGED TO PAGE 01 OF 04	RJW	0640	10/1/2003		
04	CHG'D SINGLE O/S DOOR WIDTH	TWN	0632	1/30/2000	MATL:	PPR
03	ADDED PAGES/REMOVED CHARTS	TWN	0486	4/9/2001		PROPYLENO/ETHYLONE COPOLYMER
02	ADDED SLIDING DR CHART	MJP	0444	4/3/2000	DFT:	TWN
01	ADDED 6-10 DOOR HGT.	MJP	0243	8/13/1997	SCALE:	1=1
NO	DESCRIPTION	DFT	DOC	DATE	DCN:	0231
					DRWG:	A283
					DATE:	1/16/1996
					A	01 OF 04

- 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. UNLESS OTHERWISE SPECIFIED ALL RADII .010 .



Test sample complies with these details.  
 Deviations are noted.

Report# 57935  
 Date 6/22-6/23/05 Tech. JPK

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TITLE: OUTSWING SUBSILL

FINISH:

MATL: SMART DECK

DFT: tnies SCALE: 1=1 1/2

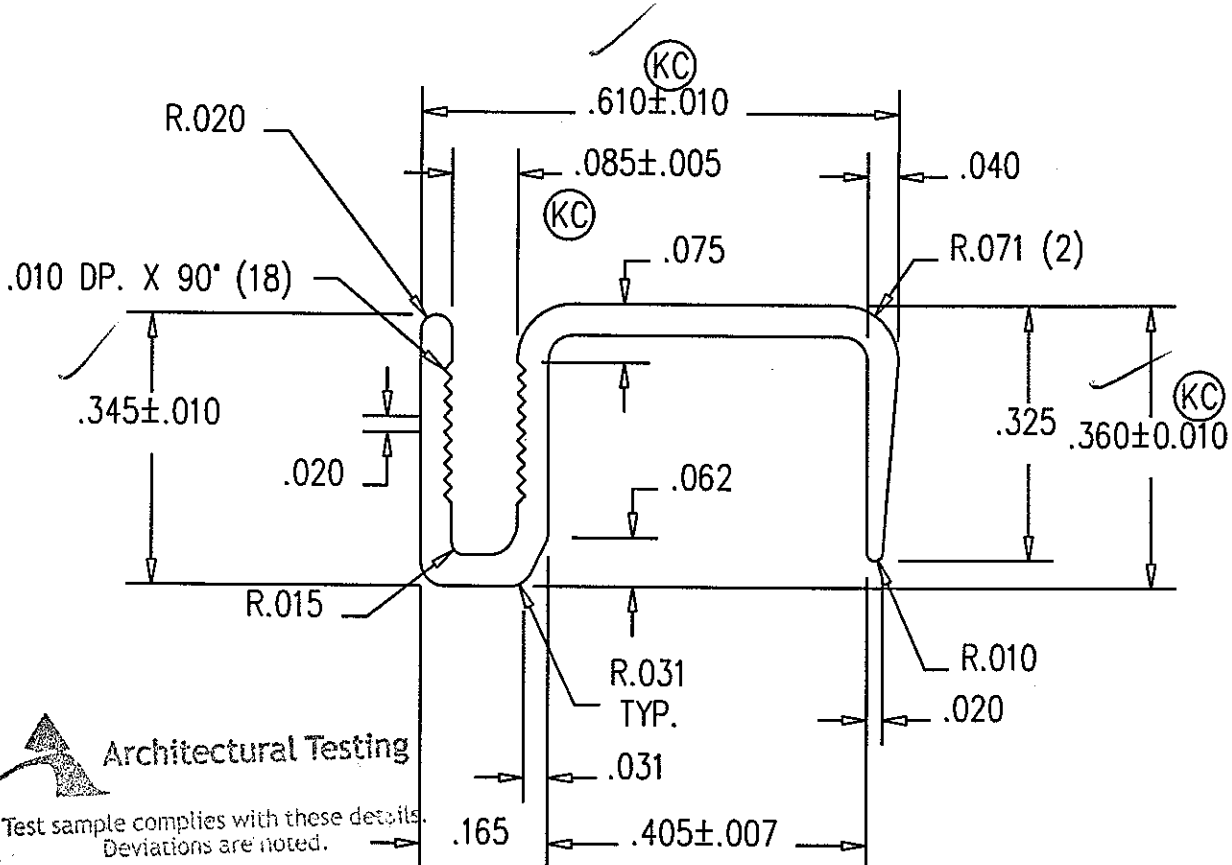
DCN: 0879 DRWG: A476

DATE: 3/8/2005 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE
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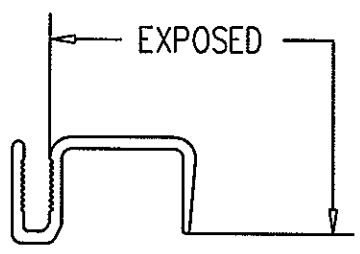


- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.010$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. WALL THICKNESS .040 UNLESS OTHERWISE SPECIFIED.



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

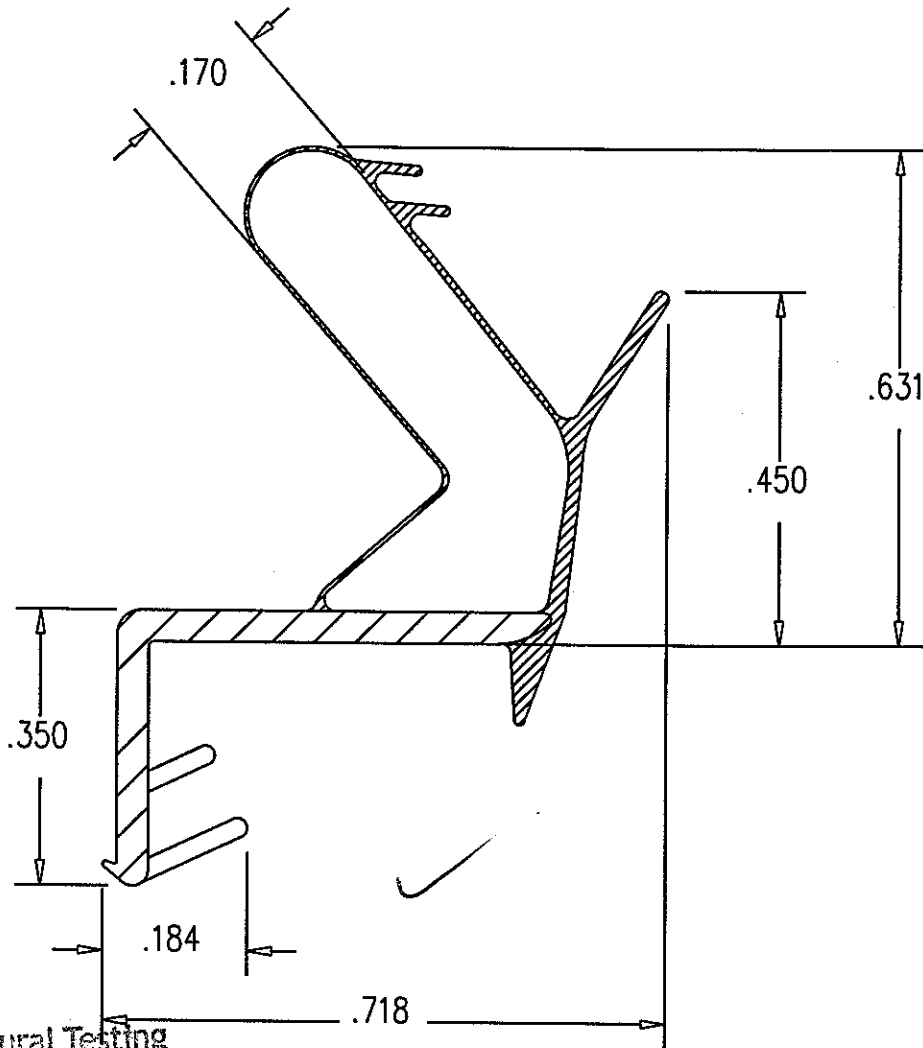
Report# 57935  
 Date 6/22-6/23/05 Tech OPK



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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.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. APPROVED VENDOR: AMESBURY FOAMTITE



Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# 57935  
 Date 6/22-6/23/05 Tech JPK

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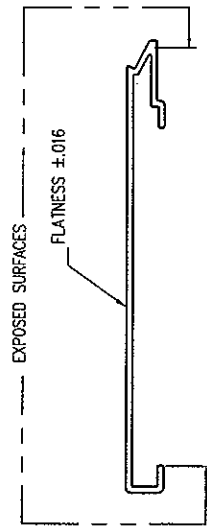
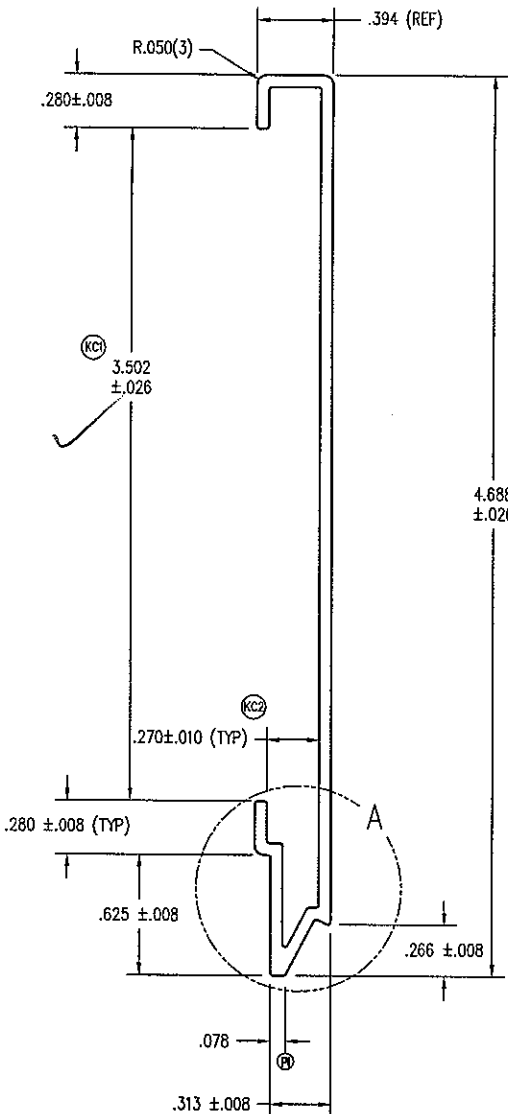
TITLE: FOAM WEATHERSTRIP

FINISH:

MATL: TPE FOAM - PVC SKIN

02	.695 WAS .725, .514 WAS .541	AWW	PRE	10/30/2003	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

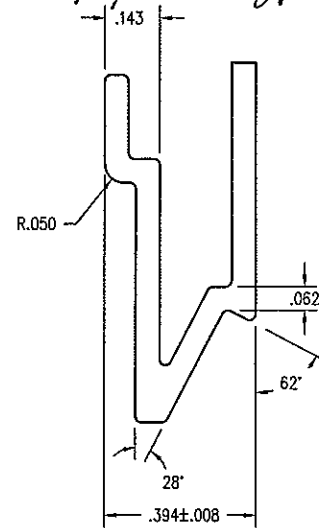
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm .005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. WALL THICKNESS TO BE  $.062$  UNLESS OTHERWISE SPECIFIED.  
 3. ALL CORNERS TO BE  $.015$  UNLESS OTHERWISE SPECIFIED.  
 4. AREA =  $.390$  SQ. IN.



Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# 57935  
 Date 6/22-6/23/05 Tech OPK

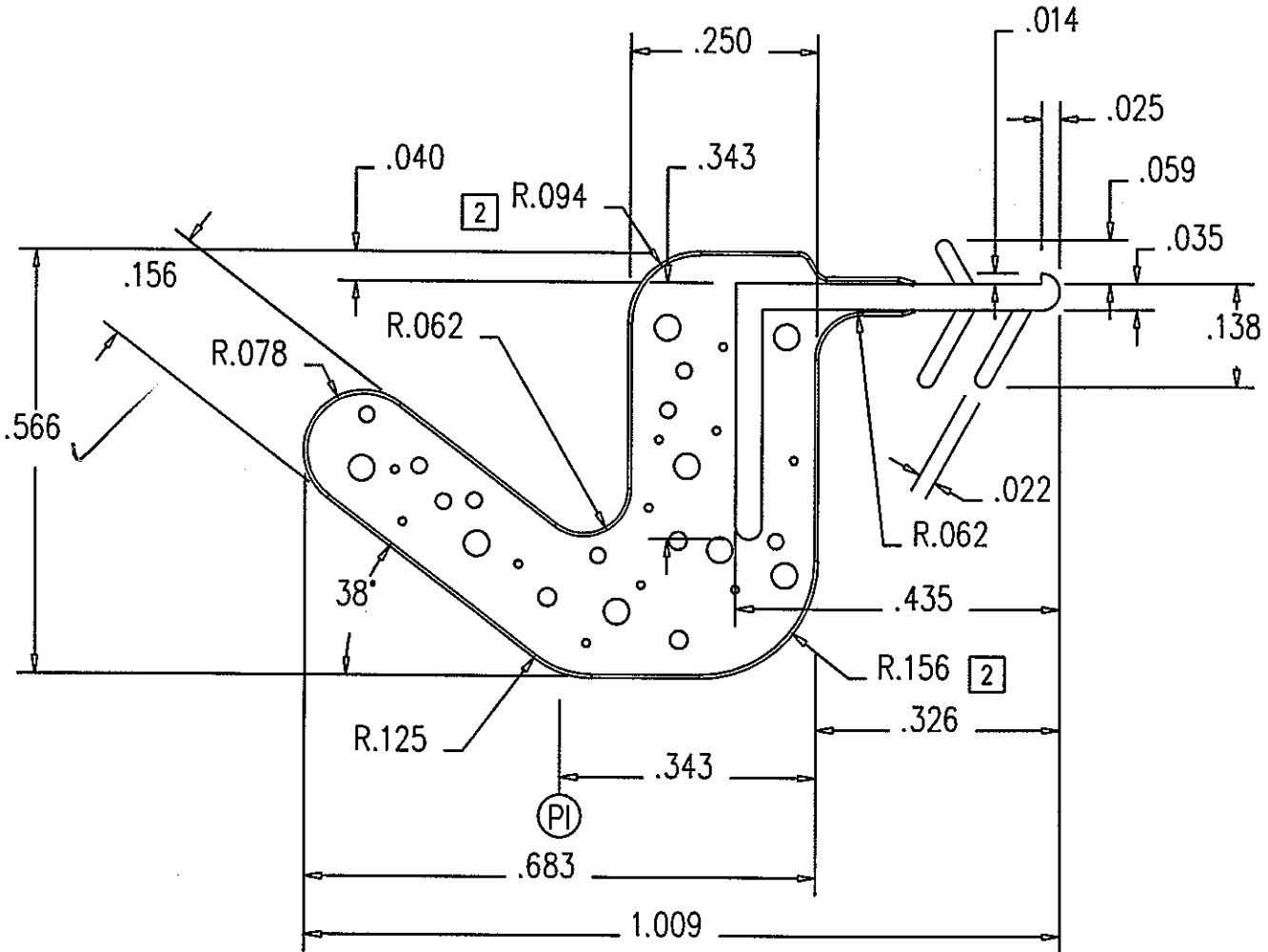


DETAIL A  
 SCALE: 2 = 1

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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
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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



Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# 57935  
 Date 6/22-6/23/05 Tech JK

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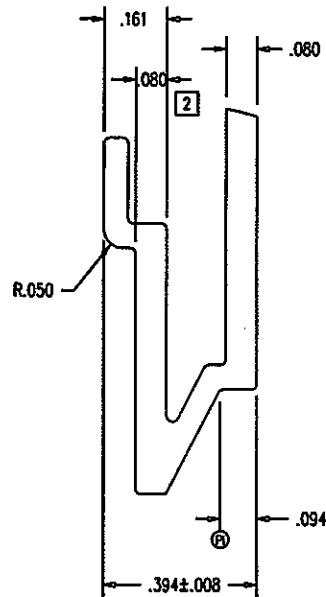
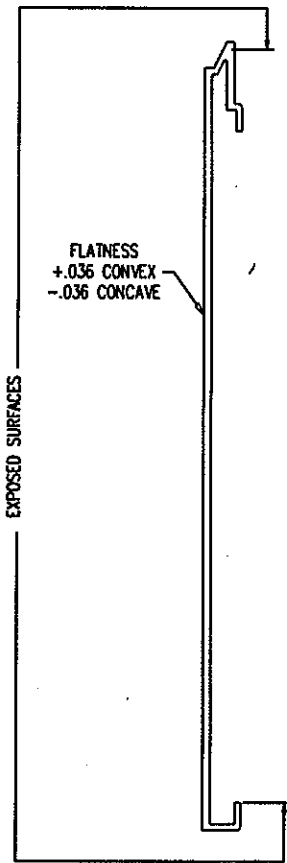
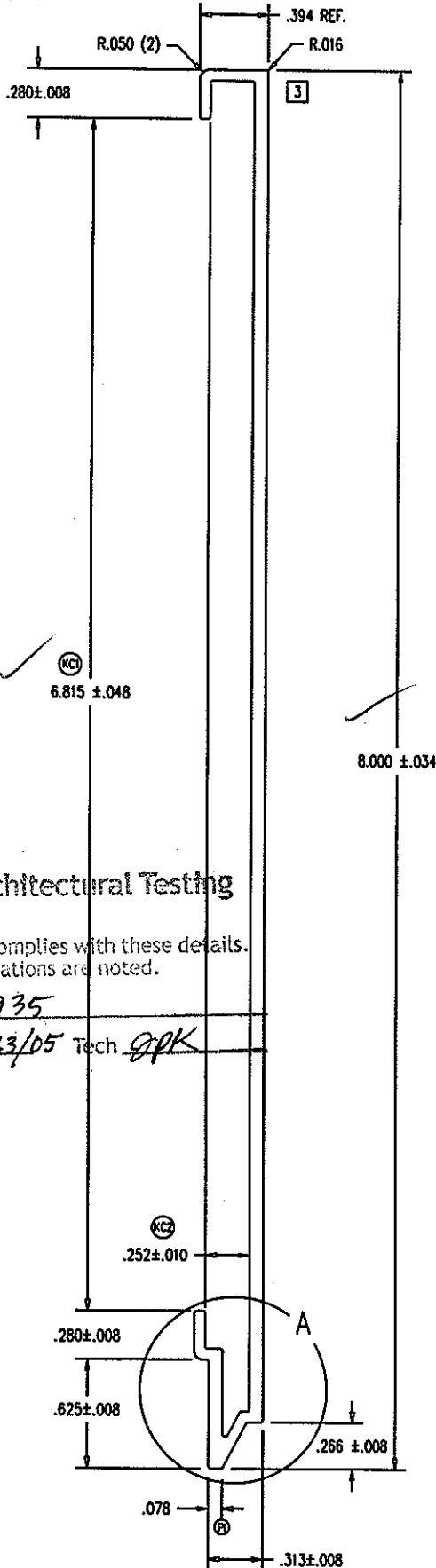
TITLE: EAGLE DOOR SEAL (JAMB)

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. 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# 57935

Date 6/22-6/23/05 Tech QPK

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 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