

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

**Rendered to:**

**EAGLE WINDOW & DOOR, INC.**

**SERIES/MODEL: Series 97 Clad Sliding Window  
PRODUCT TYPE: Aluminum Clad Sliding Wood Window (XO)**

<b>Title</b>	<b>Summary of Results</b>
Primary Product Designator	LC-PG30-HS 1829 x 1524 (72 x 60)
Design Pressure	1440 Pa (30.0 psf)
Operating Force (in motion)	53 N (12 lbf)
Air Infiltration	0.60 L/s/m <sup>2</sup> (0.12 cfm/ft <sup>2</sup> )
Water Penetration Resistance Test Pressure	290 Pa (6.0 psf)
Uniform Load Structural Test Pressure	2160 Pa (45.0 psf)
Forced Entry Resistance	Grade 10

\*-Optional Secondary Designator

**Test Completion Date:** 07/08/05

Reference must be made to Report No. 58646.01-201-44, 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 & DOOR, INC.  
2045 Kerper Blvd. P.O. Box 1072  
Dubuque, IA 52004-1072

Report No.: 58646.01-201-44  
Test Date: 07/08/05  
Original Report Date: 07/21/05  
Revised Report Date: 11/26/08  
Expiration Date: 07/08/09

**Project Summary:** Architectural Testing, Inc. was contracted by Eagle Window & Door, Inc. to perform testing on a Series/Model Series 97 Clad Sliding Window, Aluminum Clad Sliding Wood Window (XO). The sample tested successfully met the performance requirements for a LC-PG30-HS 1829 x 1524 (72 x 60) 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:** Series 97 Clad Sliding Window

**Product Type:** Aluminum Clad Sliding Wood Window (XO)

**Overall Size:** 1829 mm (72") wide by 1524 mm (60") high

**Sash Size:** 897 mm (35-5/16") wide by 1425 mm (56-1/8") high

**Screen Size:** 864 mm (34") wide by 1470 mm (57-7/8") high

**Overall Area:** 2.8m<sup>2</sup> (30.0 ft<sup>2</sup>)

**Finish:** Interior wood is natural, exterior cladding is painted.

**Test Specimen Description:** (Continued)

**Frame Construction:** The frame was comprised of laminated veneer lumber and the sill was extruded aluminum. The corners were square cut, butted, glued and secured with three 11 mm (7/16") by 44 mm (1-3/4") staples on the head corners and two #8 by 44 mm (1-3/4") screws per sill corner. Aluminum cladding was slip-fit over the exterior frame members. The corners were miter cut with a nylon corner key inserted and secured with two #6 by 11 mm (7/16") sheet metal screws per corner. The cladding corners were sealed with silicone.

**Sash Construction:** Sash corners utilized mortise and tenon construction secured with glue and one 5 mm (3/16") by 38 mm (1-1/2") staple. Aluminum cladding was slip fit over the exterior sash members. The corners were secured with two #4 by 13 mm (1/2") screws per corner and a nylon corner key. The cladding corners were sealed with butyl.

**Weatherstripping:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
TPE bulb	1 Row	Top and bottom rail of operating sash
Foam filled TPE	1 Row	Interior frame stop perimeter

**Glazing Details:** The window utilized nominal 16 mm (5/8") insulating glass fabricated from two 3 mm (1/8") annealed sheets separated by a desiccant-filled steel u-shaped spacer system. The glass was set from the interior against butyl rubber tape along with silicone back bedding. Wood glazing stops and foam tape were secured on the interior with 18ga. 32 mm (1-1/4") brad nails spaced 51 mm (2") from each corner and 152 mm (6") to 203 mm (8") on center.

**Hardware:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Sliding window rollers	2	Bottom rail of operating sash
Sliding window handle	1	Jamb stile of operating sash
Keeper	2	Check stile of stationary sash
Lock	2	Check stile of operating sash

**Test Specimen Description:** (Continued)

**Installation:** The window was installed within a 51 mm (2") by 203 mm (6") SPF wood test buck with in a nominal 51 mm (2") by 305 mm (12") SPF test buck. The window was secured to the buck using the nailing fin attachment in conjunction with 51 mm (2") roofing nails spaced 89 mm (3-1/2") from each corner and 254 mm (10") on center. The nailing fin was sealed to the wood buck 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>
5.3.1	Operating Force per ASTM 2068		
	Initiate motion	49 N (11 lbf)	Report Only
	Maintain motion	53 N (12 lbf)	115 N (25 lbf)
	Latches	22 N (5 lbf)	100 N (22.5 lbf)
5.3.2	Air Leakage Resistance per ASTM E 283		
	75 Pa (1.6 psf)	0.60 L/s/m <sup>2</sup> (0.12 cfm/ft <sup>2</sup> )	1.5 L/s/m <sup>2</sup> (0.30 cfm/ft <sup>2</sup> max.)

**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		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 ASTM F 588		
	Type: A	Grade: 10	
	Disassembly	No entry	No entry
	Test A1 – A7	No entry	No entry
	Lock Hardware Manipulation Test	No entry	No entry
	Sash/Panel Manipulation Test	No entry	No entry

**Test Results:** (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
5.3.6.3	Deglazing Test		
	In operating direction - 320 N (70 lbs)		
	Meeting stile	1.8 mm (0.07")	15 mm (0.57")
	Jamb stile	1.8 mm (0.07")	15 mm (0.57")
	In remaining direction - 230 N (50 lbs)		
	Top rail	1.3 mm (0.05")	15 mm (0.57")
	Bottom rail	1.8 mm (0.07")	15 mm (0.57")

Optional Performance

4.3.2.1	Water Penetration Resistance per ASTM E 547 (with and without screen) 290 Pa (6.0 psf)	No leakage	No leakage
4.3.2.1	Uniform Load Deflection per ASTM E 330 (Deflections were taken on the meeting stile) (Loads were held for 60 seconds)		
	1440 Pa (30.0 psf) (positive)	8.1 mm (0.32")	See Note #3
	1440 Pa (30.0 psf) (negative)	8.4 mm (0.33")	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.*

4.3.2.1	Uniform Load Structural per ASTM E 330 (Permanent sets were taken on the meeting stile) (Loads were held for 10 seconds)		
	2160 Pa (45.0 psf) (positive)	0.3 mm (0.01")	5.6 mm (0.22") max.
	2160 Pa (45.0 psf) (negative)	0.5 mm (0.02")	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>
Eddy J. Popp	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.

---

Eric Schoenthaler  
Project Manager

---

Daniel A. Johnson  
Director - Regional Operations

DAJ: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 (33)

### Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	07/21/05	N/A	Original report issue
1	01/30/06	NA	Drawings included with report. Report and drawings to be forwarded to AMS for Hallmark Certification.
2	11/26/08	All	Test report results conducted prior to 2008 standard being published; report is as compared to 2008 standard. Report and drawings to be 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 #: 58646.01-201-44-R2

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-642.01

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: Series 97 Clad Sliding Window  
(as to be listed on CCL)

Product Type: Aluminum Clad Sliding Wood Window (XO)

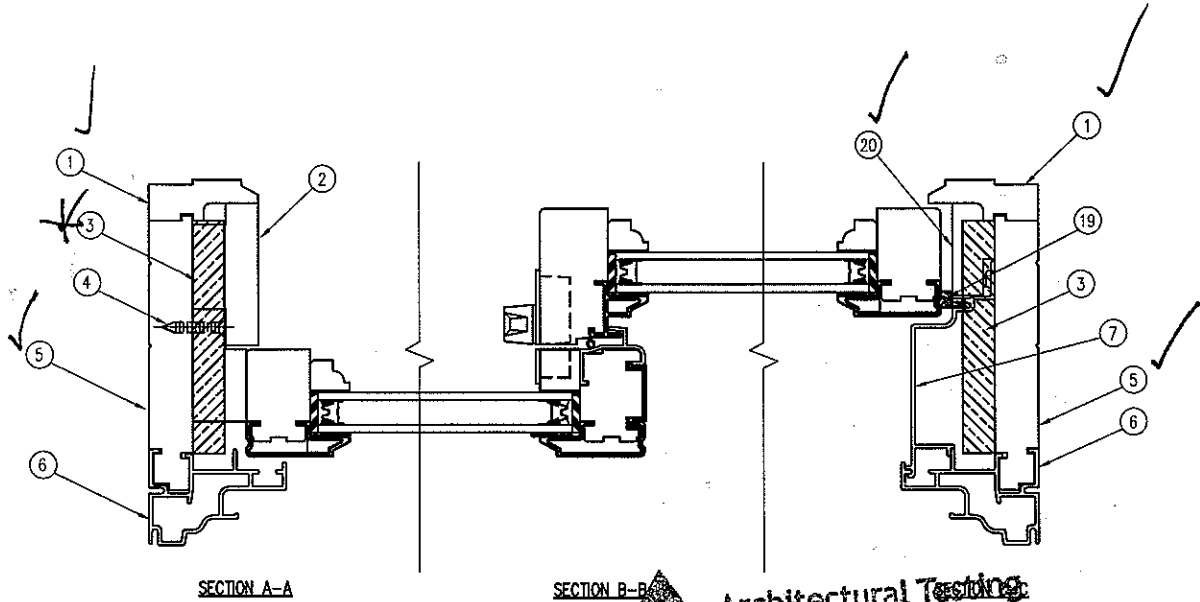
Additional Manufacturer ID #: \_\_\_\_\_

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-PG30 HS +30/-30
<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 C**

### **Drawings**



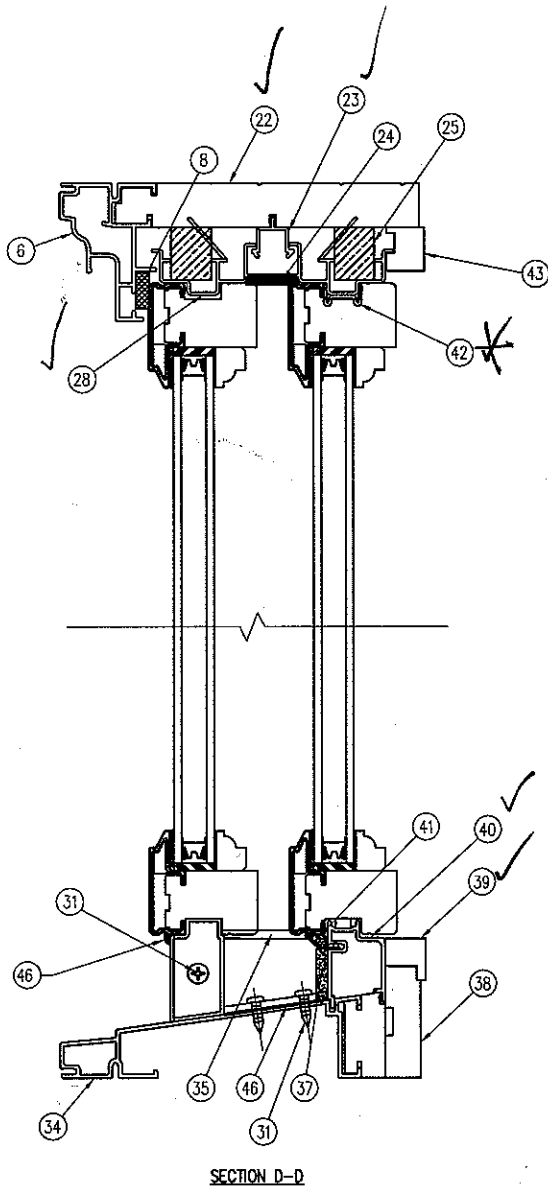
SECTION A-A

SECTION B-B

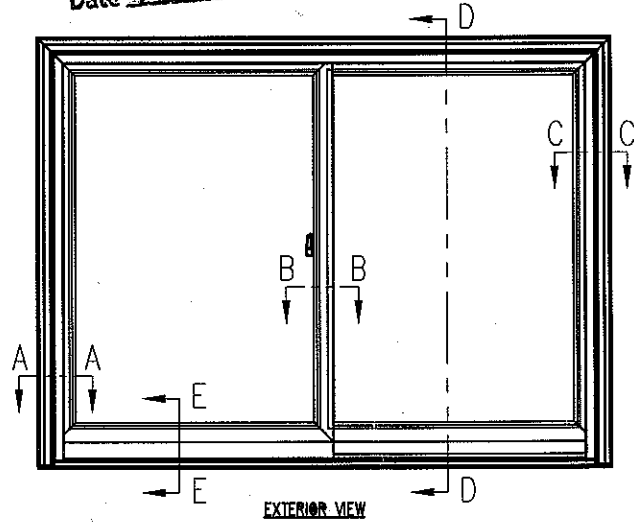
**Architectural Testing:**

Test sample complies with these details.  
Deviations are noted.

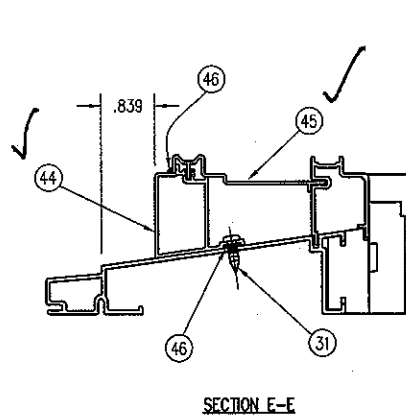
Report# 58696  
Date 11/10-12/10 Tech A.N.



SECTION D-D



EXTERIOR VIEW



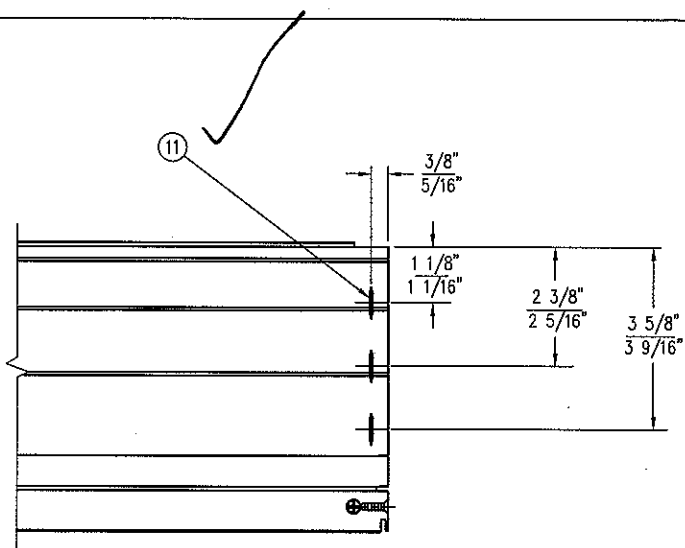
SECTION E-E

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 SLIDING WINDOW UNIT ASSEMBLY  
FINISH:  
MATERIAL:

DFT: TWN SCALE: 1=3  
DCN: 0710A DRWG: 048N  
DATE: 6/29/2005 C 01 OF 10

NO	DESCRIPTION	DFT	DOC	DATE



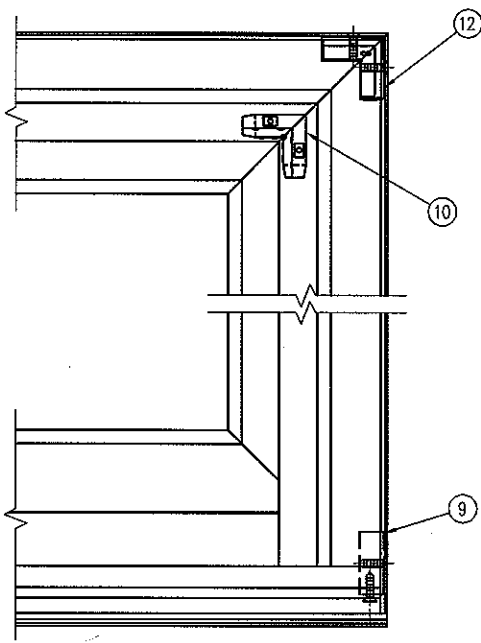
**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

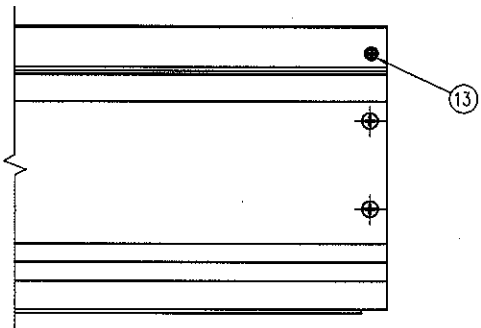
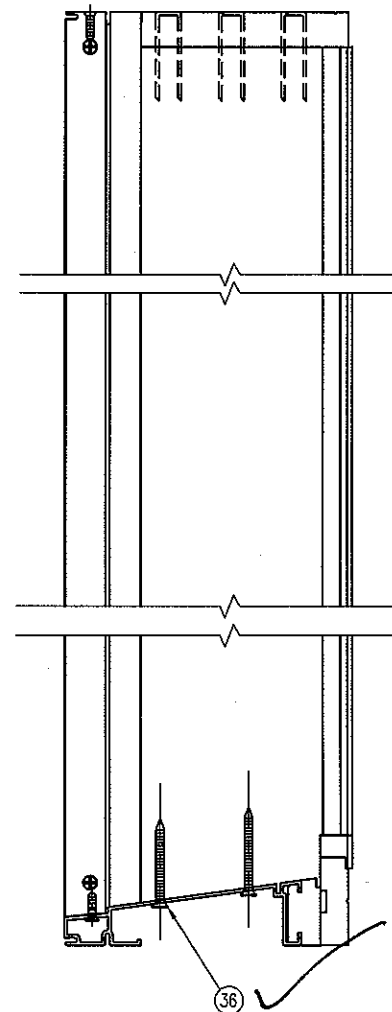
Report# 58646

Date 1/4-12/05

Tech [Signature]



EXTERIOR VIEW



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: CSW  
UNIT ASSEMBLY  
FINISH:  
MATERIAL:

DFT: TWN SCALE: 1=4  
DCN: 0710A DRWG: 048N  
DATE: 06/29/05 C 02

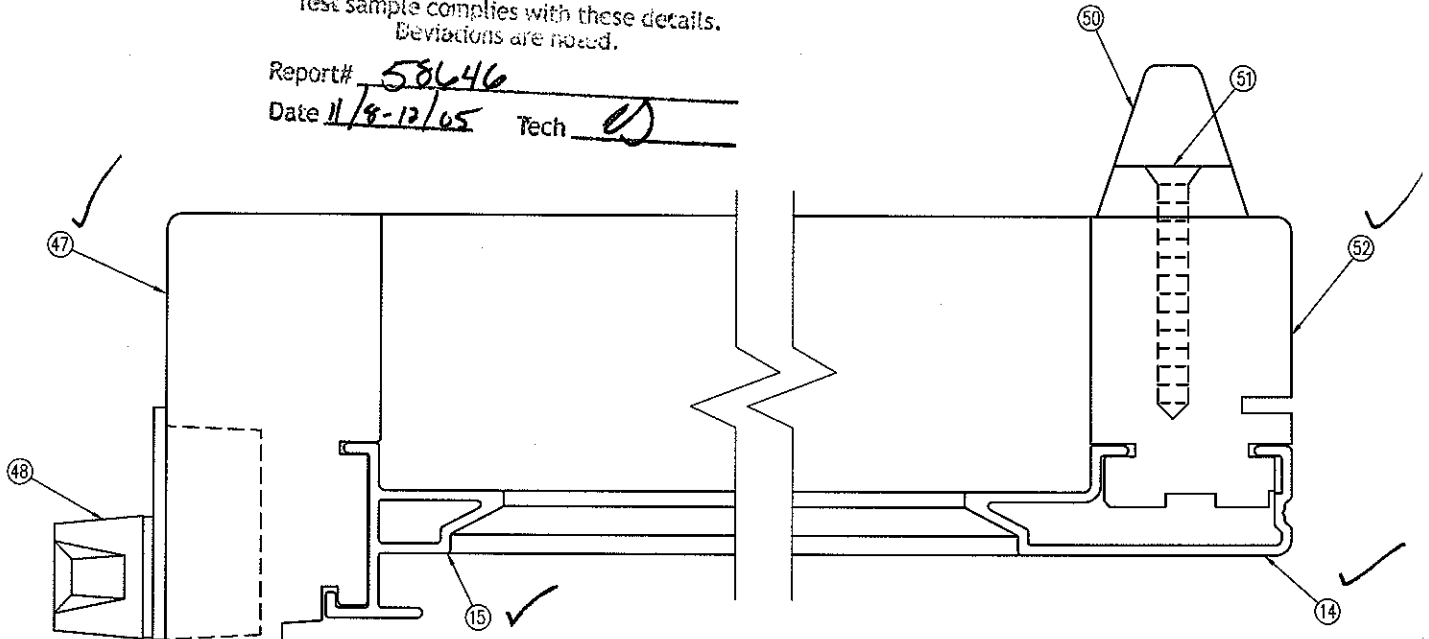
NO	DESCRIPTION	DFT	DOC	DATE



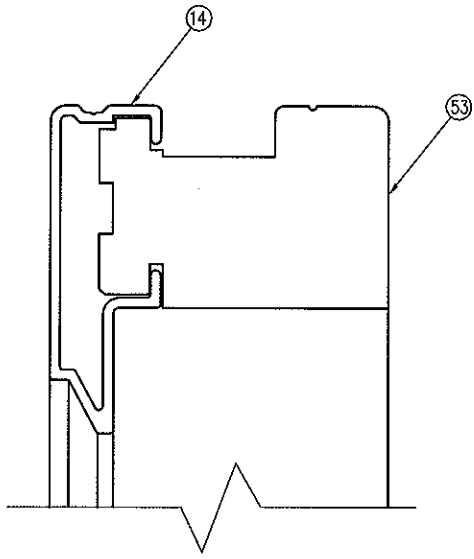
# Architectural Testing

Test sample complies with these details.  
Deviations are noted.

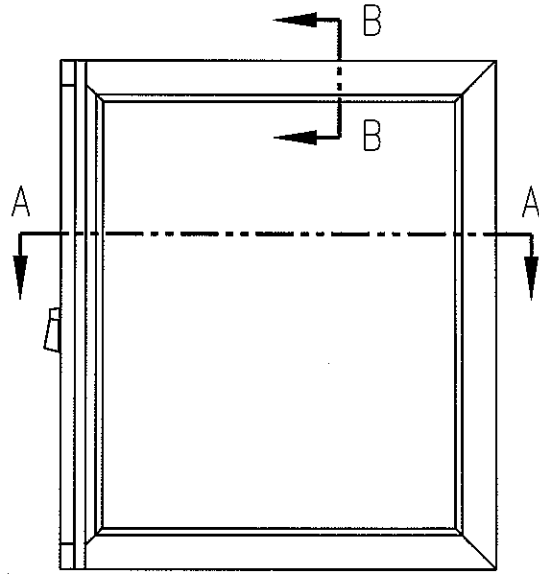
Report# 58646  
Date 11/8-12/05 Tech ED



SECTION A-A



SECTION B-B



EXTERIOR VIEW

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 SLIDING WINDOW  
OPERATING SASH ASSEMBLY

FINISH:

MATL:

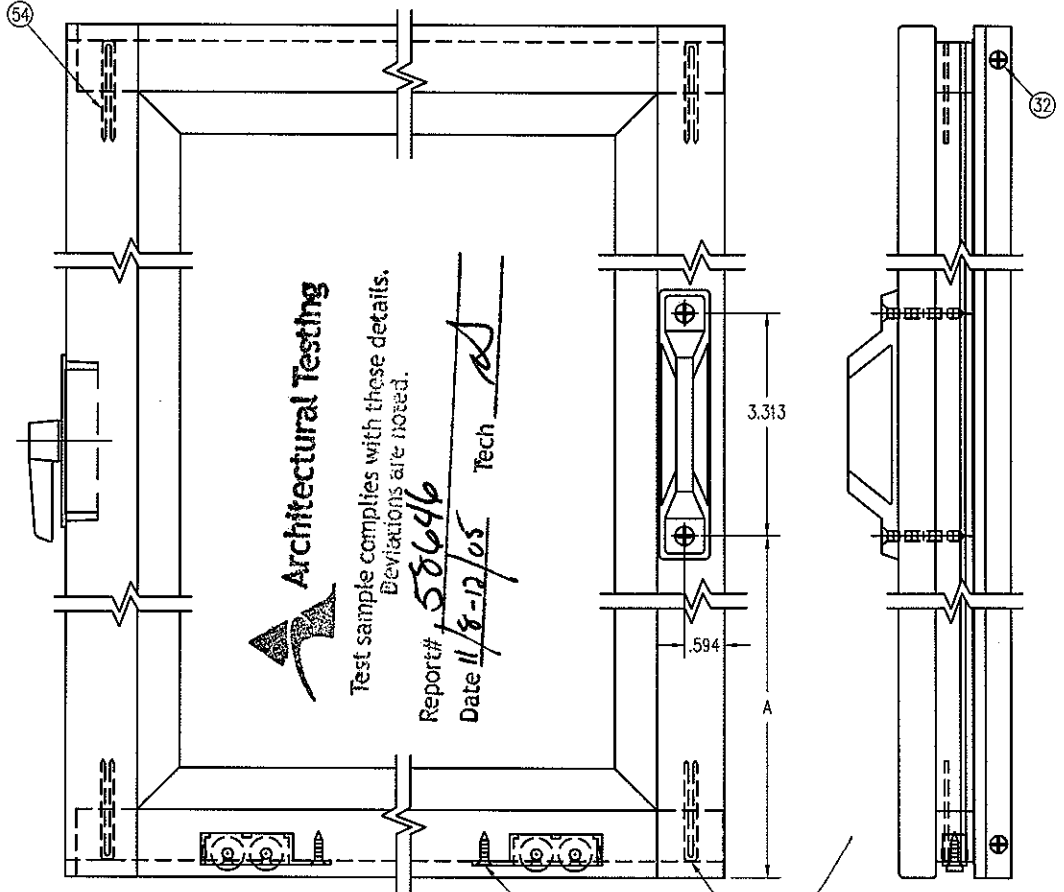
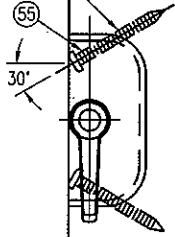
DFT: TWN SCALE: 1=1

DCN: 0710A DRWG: 048N

DATE: 6/29/2005 C 03

NO	DESCRIPTION	DFT	DOC	DATE

DRILL .093 DIA.  
x .938 DEEP



**Architectural Testing**

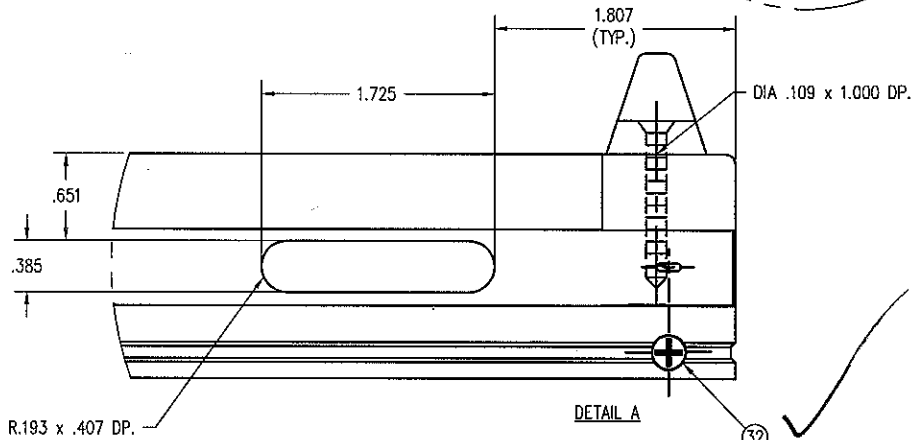
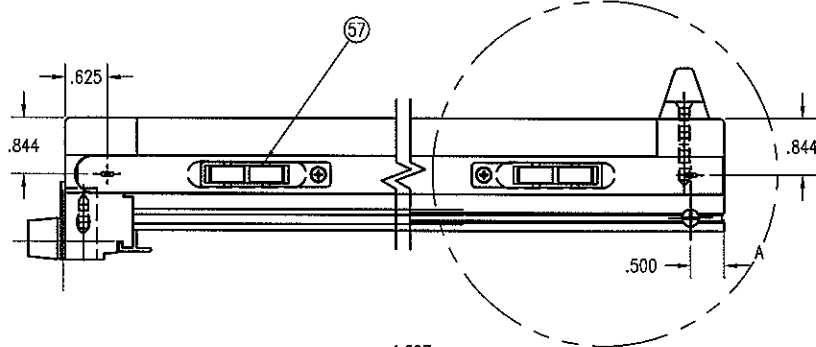
Test sample complies with these details.  
Deviations are noted.

Report# 58646

Date 11/8-12/05

Tech

INTERIOR VIEW



CSW	
FRAME HEIGHT	A
24	8 7/16
36	14 7/16
40	16 7/16
48	20 1/8
54	20 1/8
60	20 1/8

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 SLIDING WINDOW  
OPERATING SASH ASSEMBLY

FINISH:

MATL:

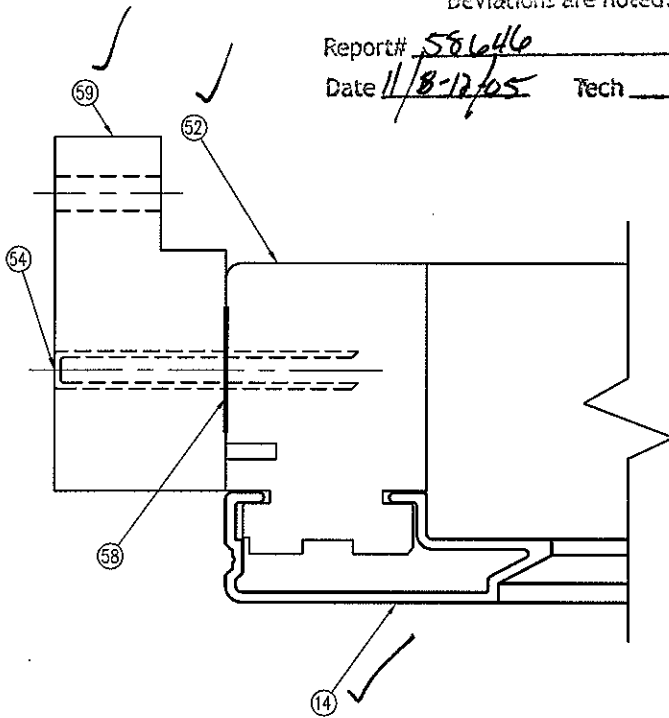
DFT: TWN SCALE: 1=3  
DCN: 0710A DRWG: 048N  
DATE: 6/29/2005 C 05



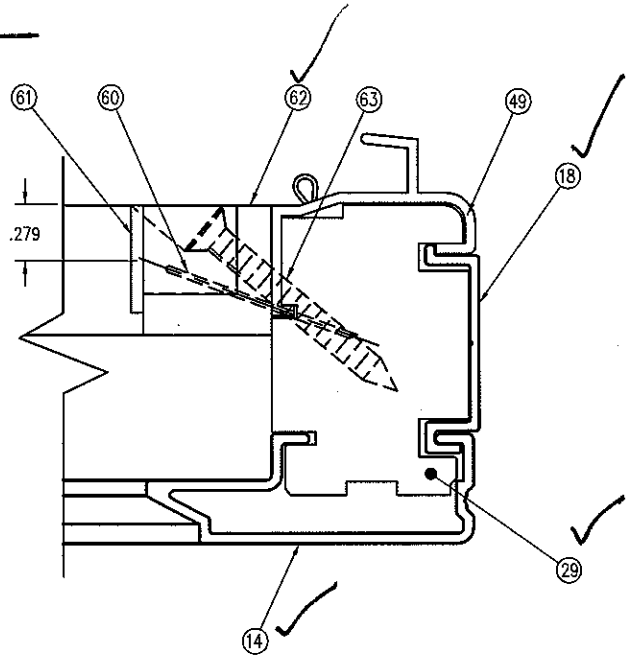
# Architectural Testing

Test sample complies with these details.  
Deviations are noted.

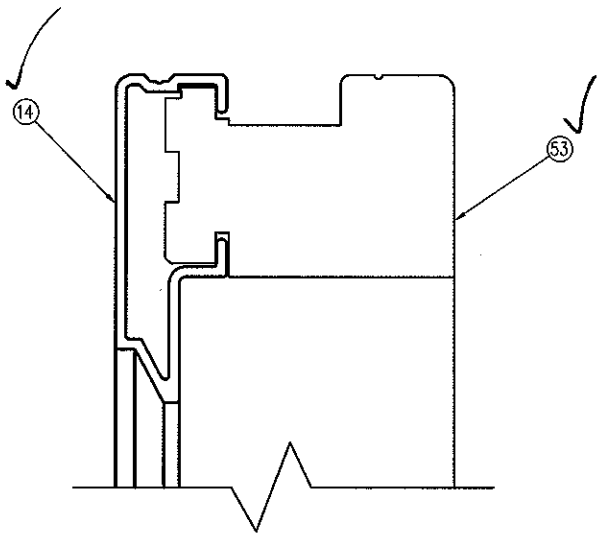
Report# 58646  
Date 11/8-12/05 Tech \_\_\_\_\_



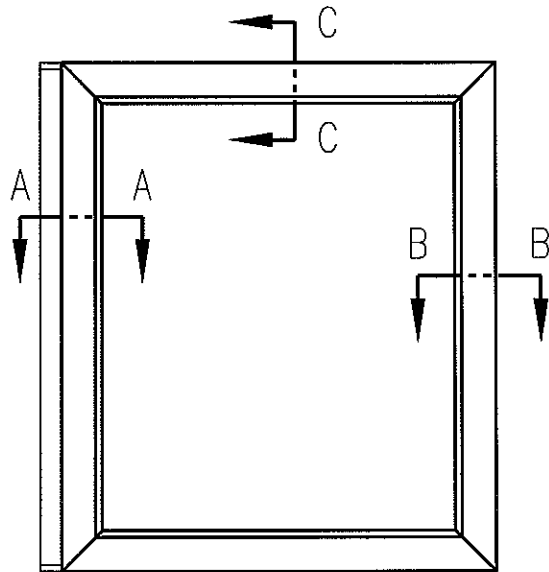
SECTION A-A



SECTION B-B



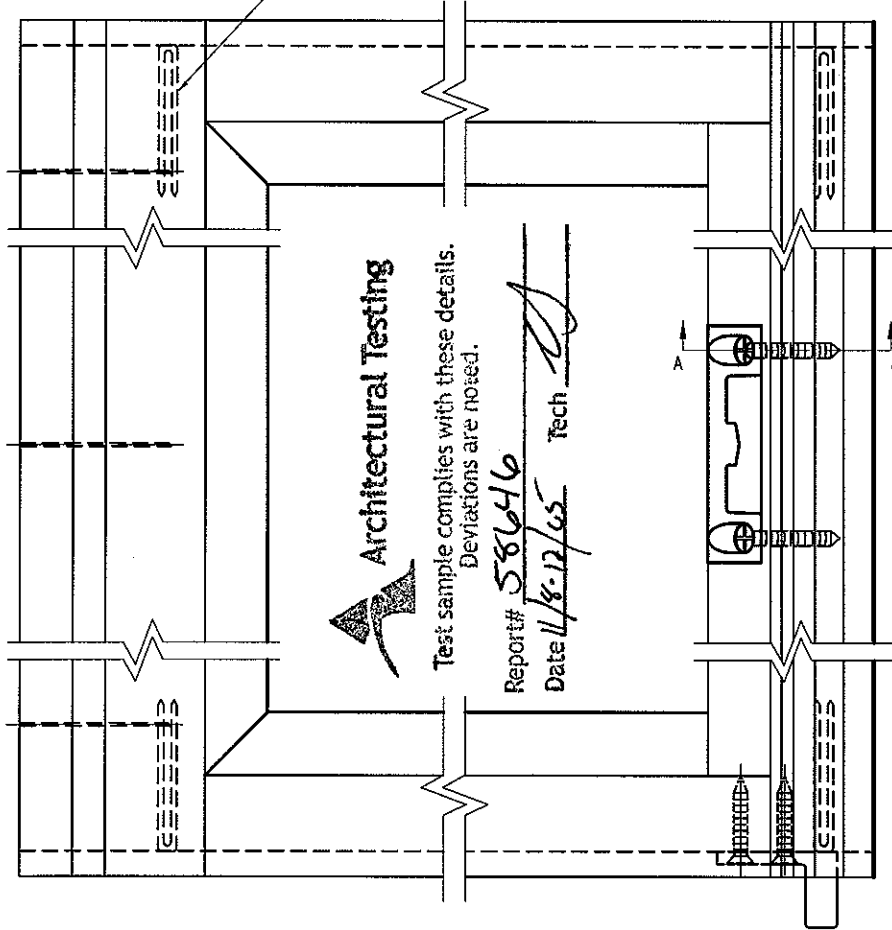
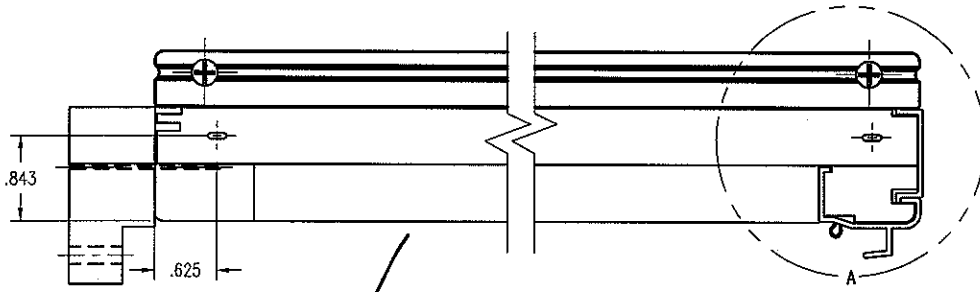
SECTION C-C



EXTERIOR VIEW

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: GLAD SLIDING WINDOW FIXED SASH ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: TWN	SCALE: 1=1
DCN: 0710A	DRWG: 048N
DATE: 6/29/2005	C 06

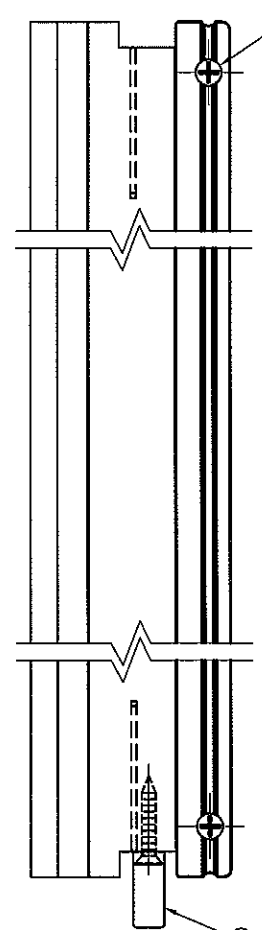
NO	DESCRIPTION	DFT	DOC	DATE



**Architectural Testing**

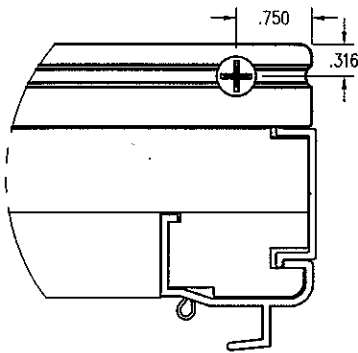
Test sample complies with these details.  
Deviations are noted.

Report# 58646  
Date 11/8-12/05 Tech [Signature]

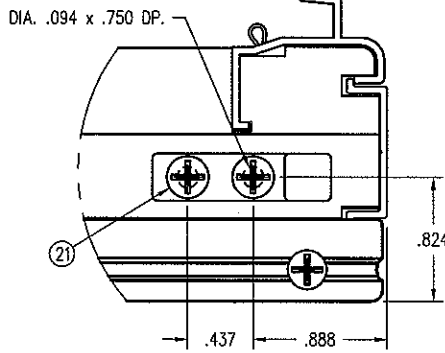


INTERIOR VIEW

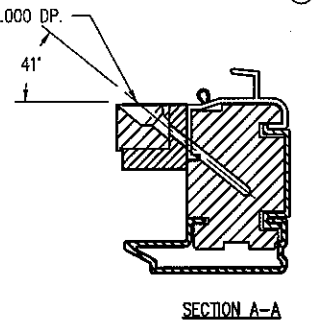
DRILL .093 DIA. x 1.000 DP.



DETAIL A



DETAIL  
VIEW FROM BOTTOM



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 SLIDING WINDOW  
FIXED SASH ASSEMBLY

FINISH:

MATL:

DFT: TWN SCALE: 1=2

DCN: 0710A DRWG: 048N

DATE: 6/30/2005 C 07

NO	DESCRIPTION	DFT	DOC	DATE

NO.	DWG. NO.	DESCRIPTION	QUANTITY	MATERIAL	SUPPLIER
1	21J7 ✓	INTERIOR SIDE STOP	1	WOOD	EAGLE WINDOW & DOOR
2	21JA	JAMB BLOCK	1	WOOD	EAGLE WINDOW & DOOR
3	A33J	JAMB PAD	1	EPDM	
4	A00P ✓	#8 x 1" FHWS Z & Y	AS REQUIRED	STEEL	ABILITY FASTENERS
5	2134 ✓	JAMB	1	WOOD	EAGLE WINDOW & DOOR
6	A514	FRAME COVER	3	ALUMINUM	BONNELL
7	A51A	JAMB COVER	1	ALUMINUM	BONNELL
8	A33K	FOAM PAD	1	EPDM	
9	A20D ✓	SILL KEY	1	NYLON	LAKE COUNTRY SALES
10	A08W ✓	MDL CORNER KEY	2	RE-GRIND	
11	A11D ✓	7/16" X 1 3/4" STAPLE (16 GA.)	6	GALVANIZED STEEL	
12	A100	NYLON CORNER KEY	2	NYLON	LAKE COUNTRY SALES
13	A11K ✓	#8 x 7/16", #6 HEAD, FH SMS	8	STAINLESS STEEL	
14	A16K ✓	SASH COVER	5	ALUMINUM	BONNELL
15	A43H ✓	CHECK RAIL/STILE COVER	1	ALUMINUM	BONNELL
16	A43J ✓	RAIL/STILE CORNER KEY	2	RE-GRIND	
17	A172 ✓	SASH CORNER KEY	6	RE-GRIND	
18	A16J ✓	STILE COVER	1	ALUMINUM	BONNELL
19	A281	JAMB WEATHERSTRIP	1	URETHANE FOAM	AMESBURY FOAMITE
20	21JB ✓	INTERIOR JAMB COVER	1	WOOD	EAGLE WINDOW & DOOR
21	A00T ✓	#7 x 7/8" FHWS S.S.	2	STAINLESS STEEL	ABILITY FASTENERS
22	21E9 ✓	HEAD	1	WOOD	EAGLE WINDOW & DOOR
23	A326 ✓	HEAD TRACK RETAINER	1	RIGID PVC	CLIM-A-TECH
24	A205	DUST PAD	1	POLYPROPYLENE PILE	
25	A21F	FOAM PAD	4	CLOSED CELL FOAM	CLIM-A-TECH
26	A351	SASH PIN	1	ZINC	DECO PRODUCTS COMPANY
27	A01A ✓	SEALANT, BUTYL TAPE	AS REQUIRED	BUTYL RUBBER	PTI INC.
28	A325 ✓	HEAD TRACK	1	RIGID PVC	CLIM-A-TECH
29	2139 ✓	STILE	1	WOOD	EAGLE WINDOW & DOOR
30					
31	A32A ✓	#6 x 1/2" PAN HD WS S.S. (SELF TAPPING)	AS REQUIRED	STAINLESS STEEL	ABILITY FASTENERS
32	A19H ✓	#4 x 1/2" FH SMS S.S.	14	STAINLESS STEEL	
33					
34	A571 ✓	SILL	1	ALUMINUM	BONNELL
35	A32G ✓	FOAM SEAL	1		
36	A02E ✓	#8 x 1 3/4" FH WS	4	STEEL	ABILITY FASTENERS
37	A45L ✓	FOAM PAD	1	EPDM	
38	214C ✓ 21HR	SILL STOP	1	WOOD (LSL)	EAGLE WINDOW & DOOR



Test sample complies with these details.  
Deviations are noted.

Report# 58646  
Date 11/8-12/05 Tech [Signature]

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 SLIDING WINDOW UNIT ASSEMBLY

FINISH:

MATL:

DFT: TWN SCALE: 1=1  
DCN: 0710A DRWG: 048N  
DATE: 6/30/2005 C 09

NO	DESCRIPTION	DFT	DOC	DATE

39	212Y	SILL STOOL	1	WOOD	EAGLE WINDOW & DOOR
40	A32B	INNER SILL TRACK	1	RIGID PVC	CLIM A TECH
41	A32H	SILL WEATHERSTRIP	1		AMESBURY FOAMITTE
42	A369	SASH STOP	1	WOOD	EAGLE WINDOW & DOOR
43	212N	INTERIOR HEAD STOP	1	WOOD	EAGLE WINDOW & DOOR
44	A32C	OUTER SILL TRACK	1		TREDEGAR EXTRUSIONS
45	A32F	OUTER SILL TRACK COVER	1		CLIM-A-TECH
46	A030	SILICONE SEALANT	AS REQUIRED	SILICONE	DOW CORNING
47	213B	OPERATING SASH CHECK STILE	1	WOOD	EAGLE WINDOW & DOOR
48	A26M	LOCK	AS REQUIRED		ASHLAND HARDWARE
49	A56D	INTERLOCK (FIXED SASH)	1	RIGID PVC	CLIM-A-TECH
50	A35L	SASH PULL	1		TRUTH HARDWARE
51	A39W	#7 x 1 1/4" FHSMS S.S.	2	STAINLESS STEEL	ABILITY FASTENERS
52	213A	RAIL / STILE	2	WOOD	EAGLE WINDOW & DOOR
53	2137	RAIL	4	WOOD	EAGLE WINDOW & DOOR
54	A131	3/16" x 1 1/2" STAPLE	4	STEEL	ABILITY FASTENERS
55	A27W	#6 x 1 1/4" PAN HEAD WOOD SCREW	AS REQUIRED	STAINLESS STEEL	ABILITY FASTENERS
56					
57	A33L	TANDEM ROLLER ASSEMBLY	2		LCS PRECISION MOLDING
58	A01D	TYPE 1 WOOD BOND ADHESIVE	AS REQUIRED	RESIN	NATIONAL CASEIN CO.
59	21JB	SASH SUPPORT	1		
60	A40E	1" HARDENED STEEL BRAD (18 GA)	AS REQUIRED	STEEL	ABILITY FASTENERS
61	A26N	KEEPER	AS REQUIRED		TRUTH HARDWARE
62	212X	GLAZING STOP	1	WOOD	EAGLE WINDOW & DOOR
63	A526	#6 x 1 1/4" (#5 HEAD) FHSMS	AS REQUIRED		ABILITY FASTENERS
64	H-40	5/8" BETWEEN GLASS MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
65	P/PD	1" CONTOUR MUNTIN	AS REQUIRED	ALUMINUM	ALLMETAL
66	21M2	1 1/2" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
67	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
68	A507	1 1/2" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
69	A67X	1 1/2" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
70	A67L	1 1/2" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
71	21M2	1 1/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
72	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
73	A507	1 1/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
74	A67W	1 1/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
75	A67R	1 1/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
76	220H	7/8" INTERIOR COLONIAL MDL BAR	AS REQUIRED	WOOD	EAGLE WINDOW & DOOR
77	H-40	SPACER CHANNEL	AS REQUIRED	ALUMINUM	ALLMETAL
78	A507	7/8" EXTERIOR MDL BAR	AS REQUIRED	ALUMINUM	BONNELL
79	A67T	7/8" MDL ADHESIVE TAPE (EXTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
80	A67N	7/8" MDL ADHESIVE TAPE (INTERIOR TAPE)	AS REQUIRED	POLYETHYLENE	ADHESIVE RESEARCH
81	N/A	ADHESIVE TAPE	AS REQUIRED	POLYETHYLENE	CARDINAL

 Architectural Testing

Test sample complies with these details.  
Deviations are noted.

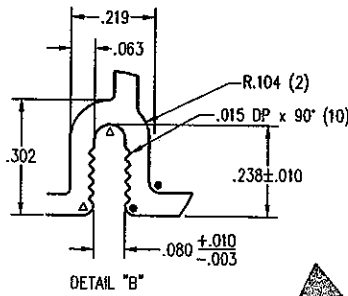
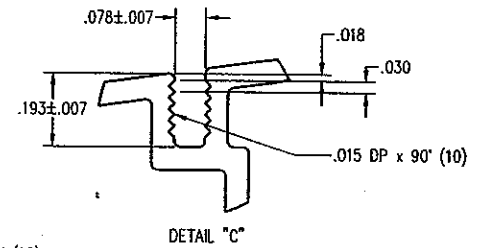
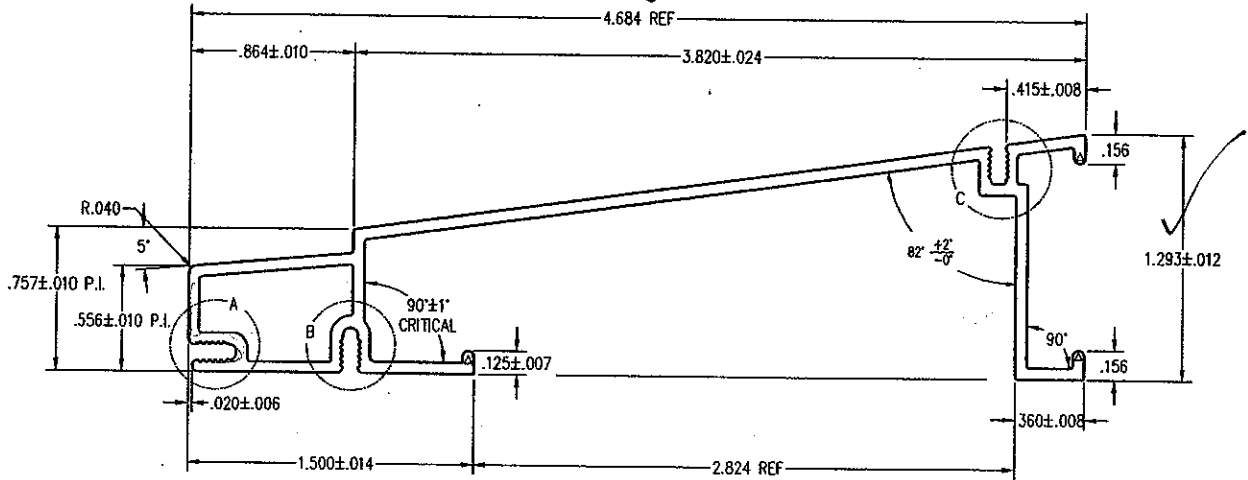
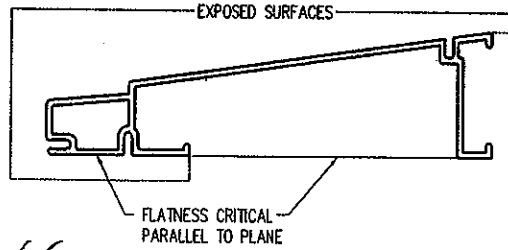
Report# 58640

Date 11/8-12/05 Tech \_\_\_\_\_

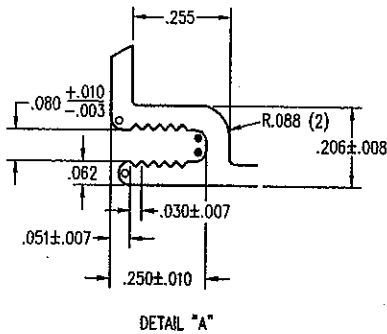
THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF EAGLE WINDOW & DOOR. NO USE OR REPRODUCTION OF THE CONTENTS OF THIS DOCUMENT IS PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF EAGLE WINDOW & DOOR.	
TITLE: CLAD SLIDING WINDOW UNIT ASSEMBLY	
FINISH:	
MATERIAL:	
DFT: TWN	SCALE: 1=1
DCN: 0710A	DRWG: 048N
DATE: 6/29/2005	C 10

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. UNLESS OTHERWISE SPECIFIED, WALL THICKNESS IS .080.  
 3. UNLESS OTHERWISE SPECIFIED BREAK ALL CORNERS .015 RADIUS.  
 4. AREA = .572 SQIN  
 5. MILL PART NO. = # M5746.  
 6. BON-L # EMO-285



- R .028 (6)
- R .031 (2)
- x R .062 (0)
- △ FULL RAD.(4)



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

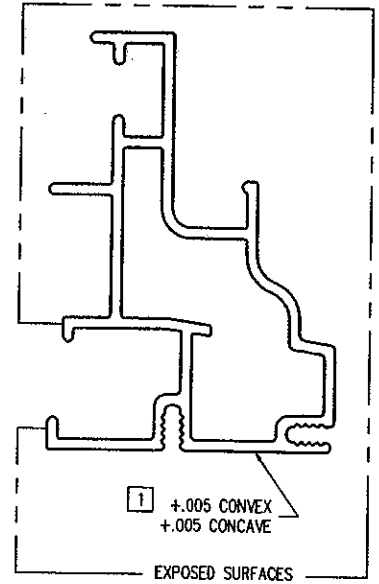
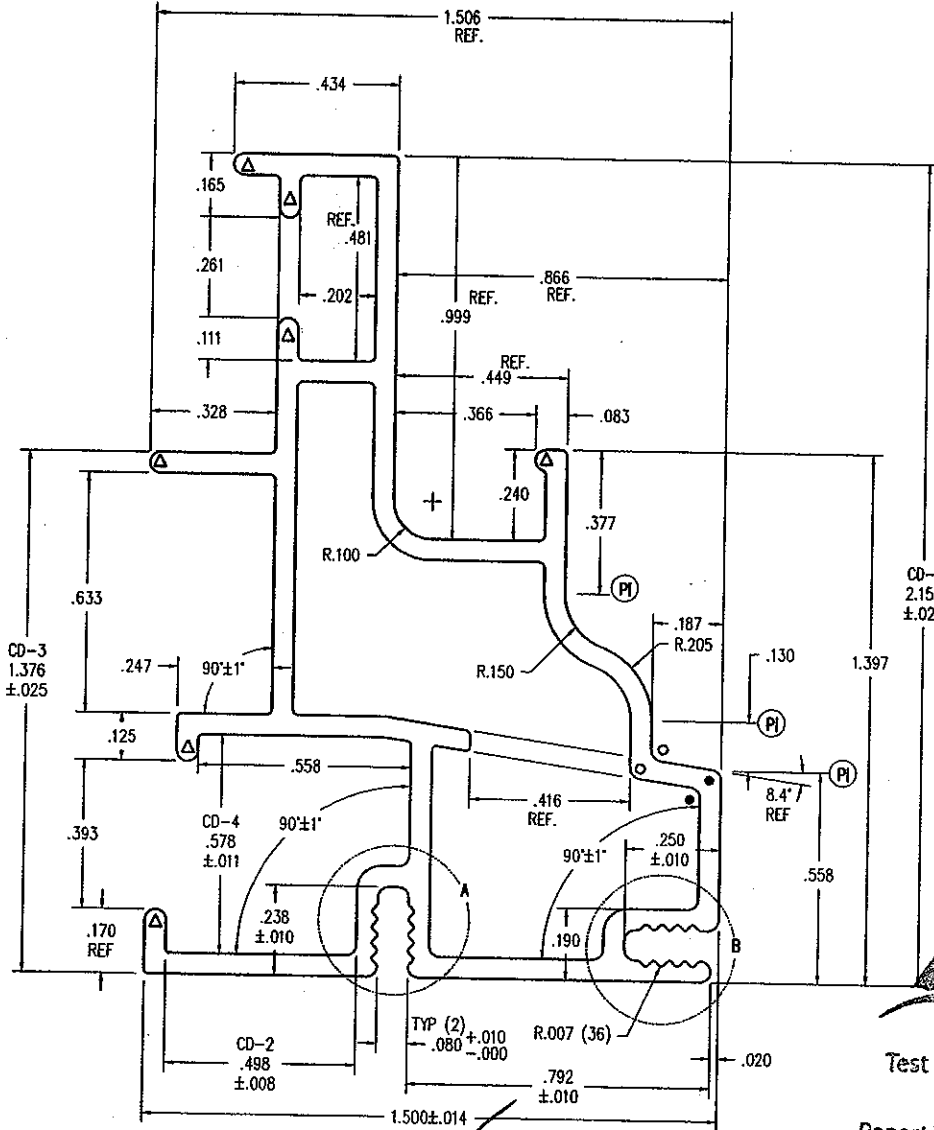
Report# 58646  
 Date 11/8-12/05 Tech JJ

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:	CDH/CDF/CSW
TITLE:	SILL COVER (HOLLOW NOSE)
FINISH:	EAGLE'S STD. COLORS
MATL:	8063 T-6 ALUMINUM
DFT:	PJB SCALE: 1=1
DCN:	0734 DRWG: A571
DATE:	7/23/02 C 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. UNLESS OTHERWISE SPECIFIED, WALL THICKNESS IS .055.  
 3. UNLESS OTHERWISE SPECIFIED, BREAK ALL CORNERS .010 RADIUS.  
 4. AREA = .463 SQ. IN.  
 5. MILL PART NO. = #M5740



- R .028 (13)
- R .031 (3)
- X R .062 (2)
- △ FULL RAD.(5)

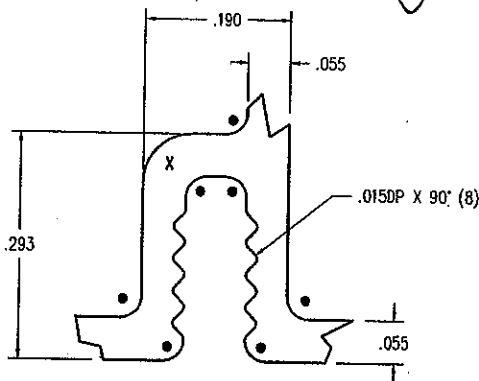
**Architectural Testing**

Test sample complies with these details. Deviations are noted.

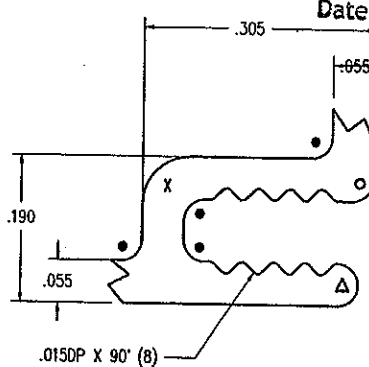
Report# 58646

Date 11/8-12/05

Tech AS



DETAIL "A"

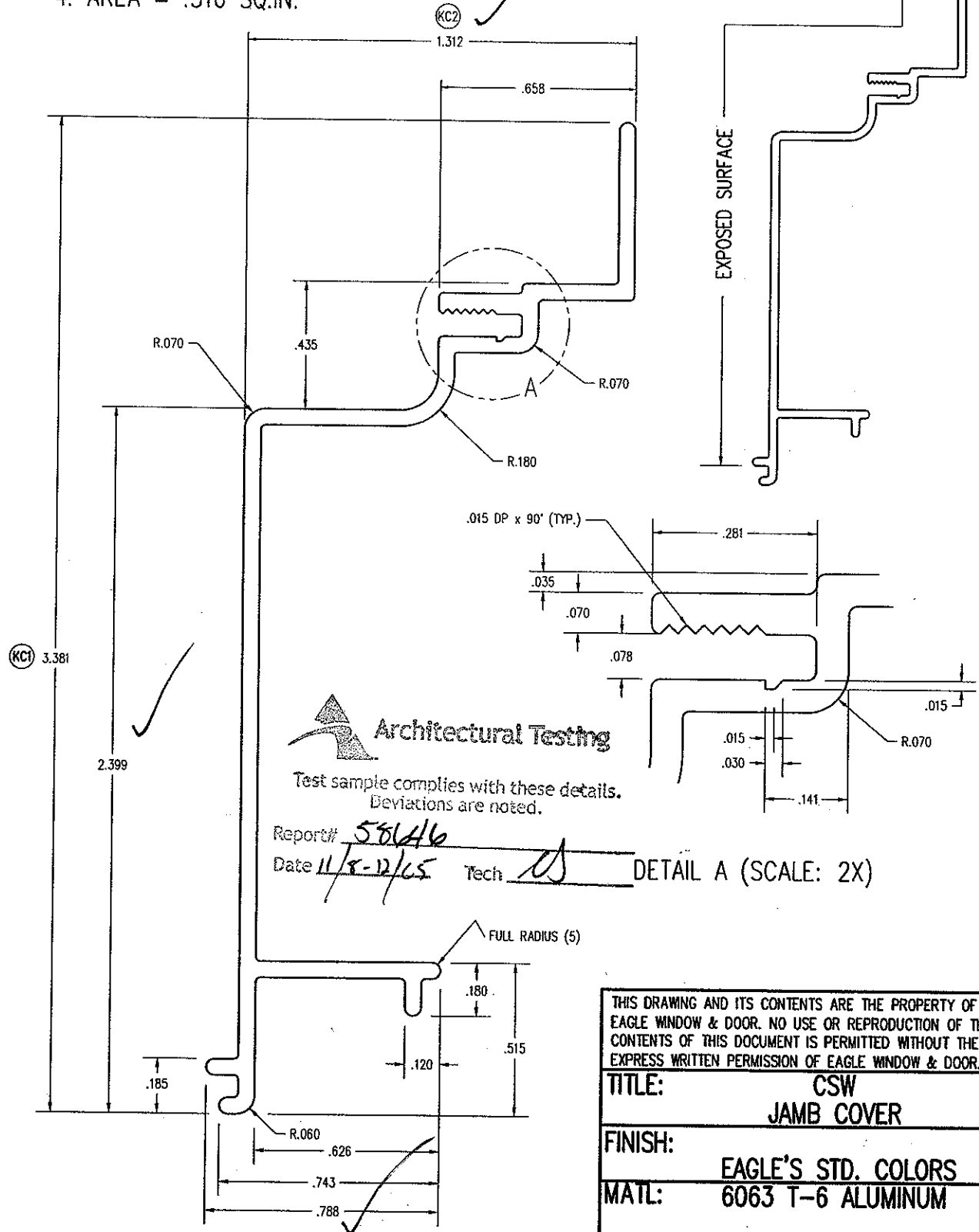


DETAIL "B"

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: CHW/CDH/CSW	
HEAD / SIDE FRAME COVER	
FINISH: EAGLE'S STD. COLORS	
MATERIAL: 6063 T-8 ALUMINUM	
DFT: ANW	SCALE: 2=1
DCN: 0667	DRWS: A514
DATE: 11/7/01	C 01 OF 03

NO	DESCRIPTION	DFT	DOC	DATE
01	ADDED/CHG'D DIM. & TOLERANCE	TWN	0778	4/4/03

- 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. UNLESS OTHERWISE SPECIFIED, WALL THICKNESS IS .055.  
 3. UNLESS OTHERWISE SPECIFIED, BREAK ALL CORNERS .015 RADIUS.  
 4. AREA = .316 SQ.IN.



THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF EAGLE WINDOW & DOOR. NO USE OR REPRODUCTION OF THE CONTENTS OF THIS DOCUMENT IS PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF EAGLE WINDOW & DOOR.

TITLE: CSW JAMB COVER	
FINISH: EAGLE'S STD. COLORS	
MATL: 6063 T-6 ALUMINUM	
DFT: AWW	SCALE: 2=1
DCN: 0667	DRWG: A51A
DATE: 1/8/02	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. L = FRAME WIDTH -  $1 \frac{3}{8}$ .

MINIMAL  
OVERSPRAY  
PERMITTED  
(TYP BOTH ENDS)

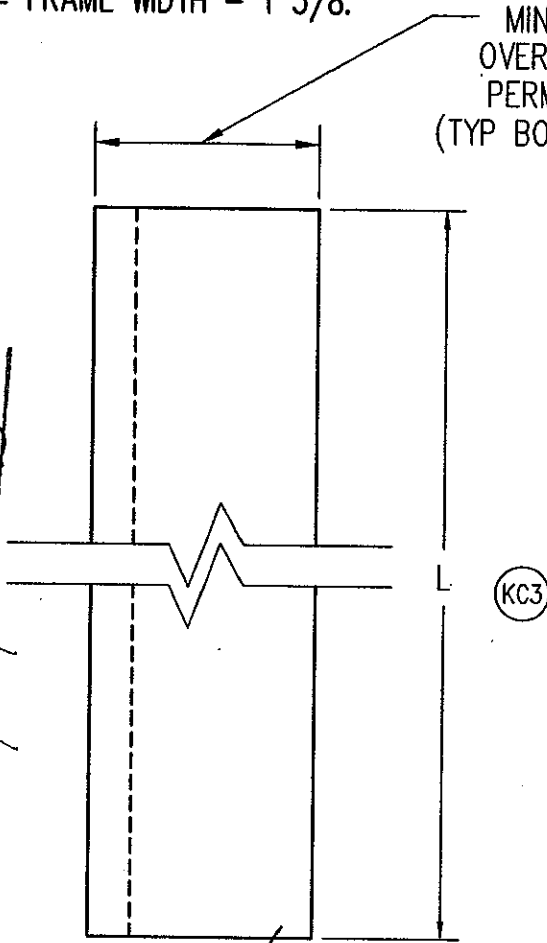
DOUBLE HUNG	
FRAME WIDTH	L
20	18 5/8
24	22 5/8
28	26 5/8
30	28 5/8
32	30 5/8
36	34 5/8
40	38 5/8
44	42 5/8
48	46 5/8
60	58 5/8

Architectural Testing

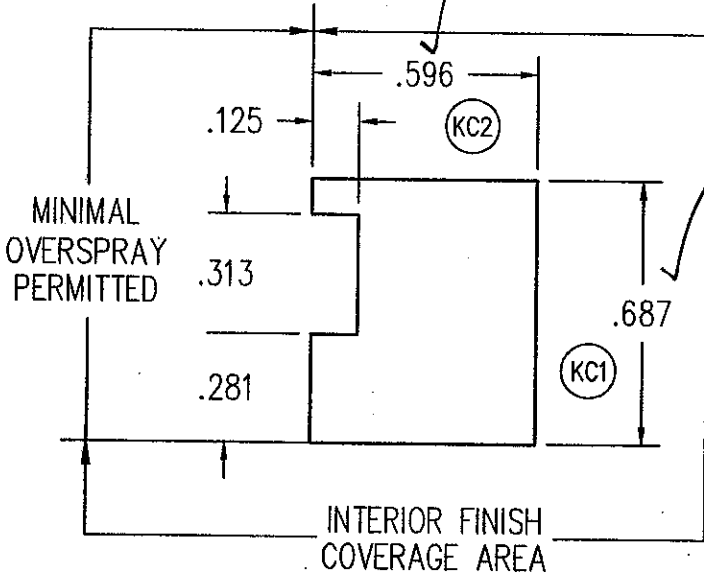
Test sample complies with these details.  
Deviations are noted.

Report# 58646

Date 11/4-12/05 Tech AD



CSW / WSW	
FRAME WIDTH	L
36	34 5/8
48	46 5/8
60	58 5/8
72	70 5/8
96	94 5/8



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: CDHV,WDHV,CSW,WSW  
HEAD INTERIOR STOP

FINISH:

MATL: CLEAR PINE

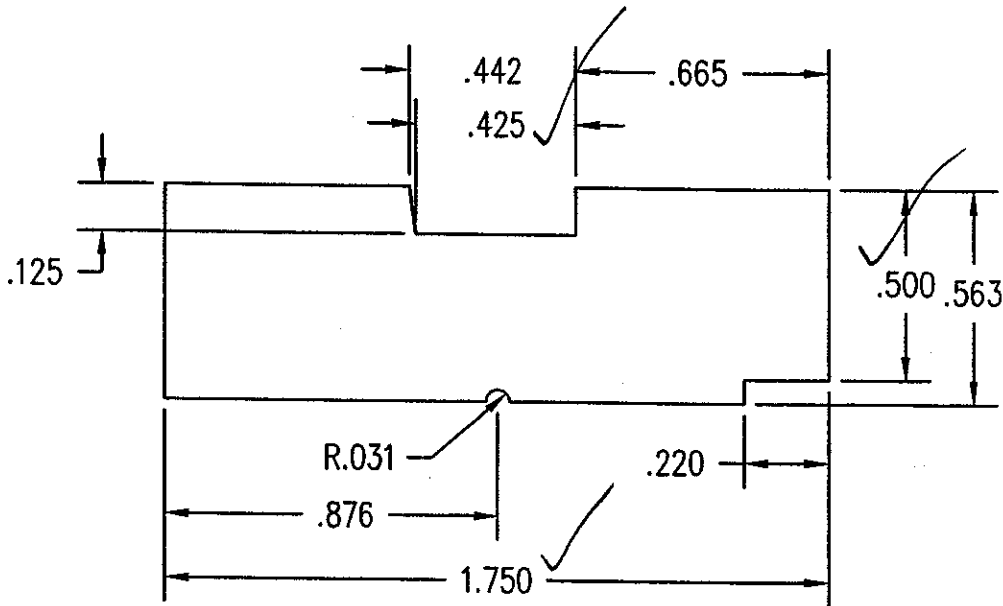
DFT: GDE SCALE: 2=1

DCN: 0073 DRWG: 212N

DATE: 3/25/1993 A 01 OF 01

06	CHG'D PROFILE	JH	0840	8/15/2003
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  $\pm 1/2^\circ$ .



Test sample complies with these details.  
Deviations are noted.

Report# 58646  
Date 11/8-12/05 Tech AS

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.

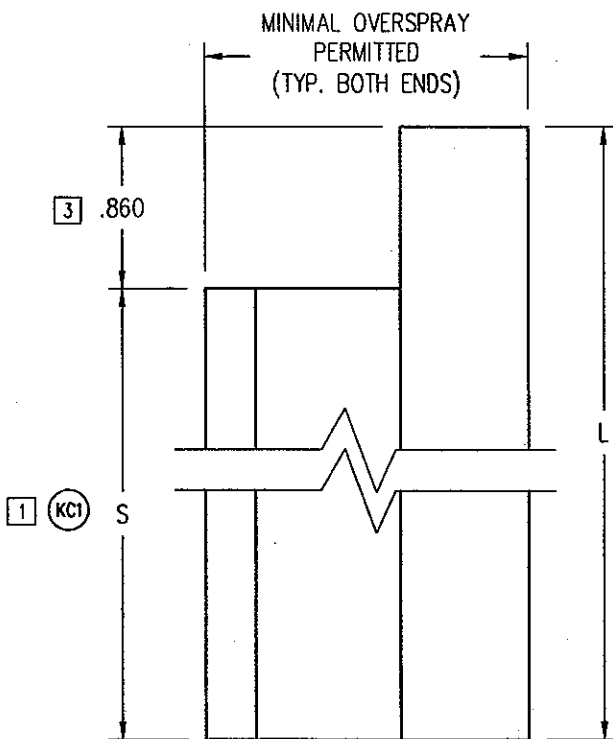
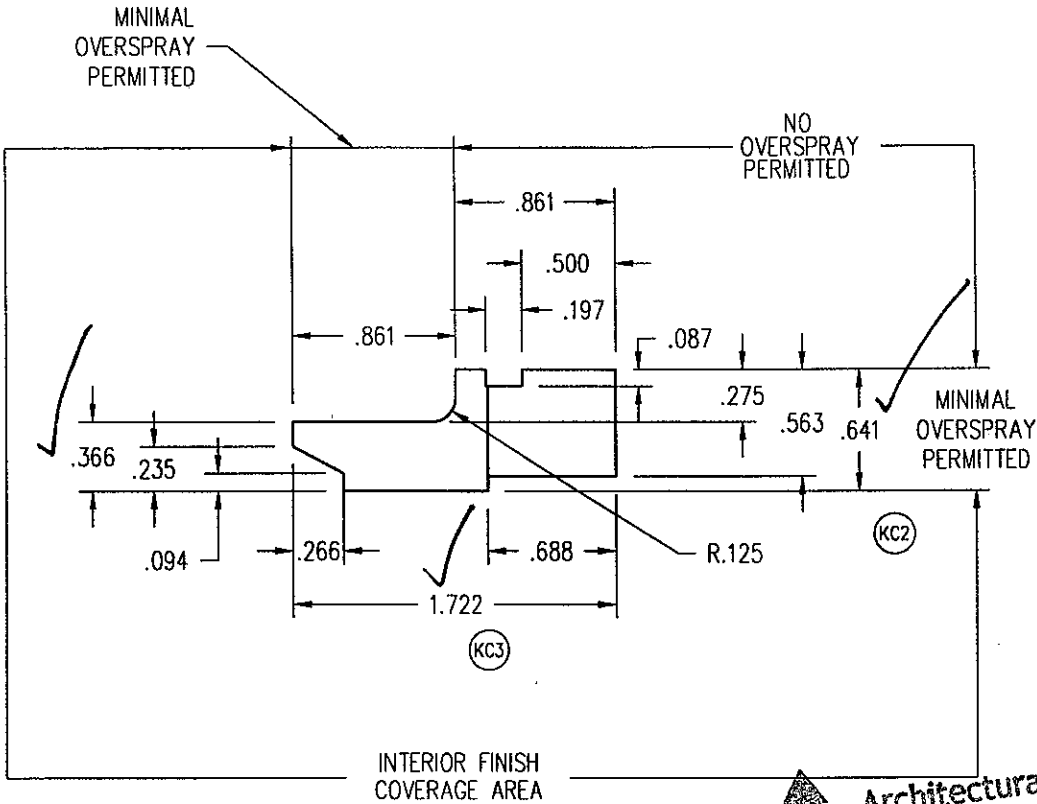
TITLE: SILL STOP

FINISH:

04	REMOVED DIRECTIONAL SYMBOL	JH	0911	8/10/04	MATL:	SEE PAGE 02
03	CORRECTED MACH. SYM.	DJF	0271	8/14/1998		
02	ADDED MACH. SYM.	CEL	1001	8/12/1997	DFT: GDE	SCALE: 2=1
01	REDESIGNED PROFILE	BRL	0215	9/28/1995	DCN: 0073	DRWG: 214C
NO	DESCRIPTION	DFT.	DOC	DATE	DATE: 3/3/1993	A 01 OF 02

20, 21, 41, 51, 52, 54

- 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. L = FRAME HEIGHT -  $2 \frac{11}{16}$ ", S = FRAME HEIGHT -  $3 \frac{9}{16}$ ".
3. LEFT & RIGHTS REQUIRED, LEFT HAND SHOWN.



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# 56646  
Date 11/8-12/05 Tech [Signature]

FRAME HEIGHT	L	S
36	33 5/16	32 7/16
40	37 5/16	36 7/16
48	45 5/16	44 7/16
54	51 5/16	50 7/16
60	57 5/16	56 7/16

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.

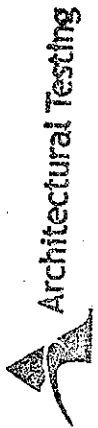
TITLE: CSW / WSW INTERIOR SIDE STOP

FINISH:

MATL: CLEAR PINE

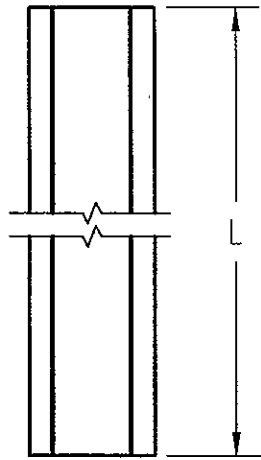
03	DIM .860 WAS .875	RJW	0651	1/14/02	DFT:	CEL	SCALE:	1=1
02	ADDED TITLE INFO	DJF	0271	8/14/98	DCN:	0247	DRWG:	21J7
01	ADDED SHOULDER LENGTHS	DJF	0332	7/15/98	DATE:	3/20/97	A	01 OF 01
NO	DESCRIPTION	DFT	DOC	DATE				

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm .005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .
2. TYPICAL WALL THICKNESS .045.
3. L = FRAME WIDTH - 2 1/8".
4. BFG 85857 - 349 TAN RIGID OR EQUIVALENT.



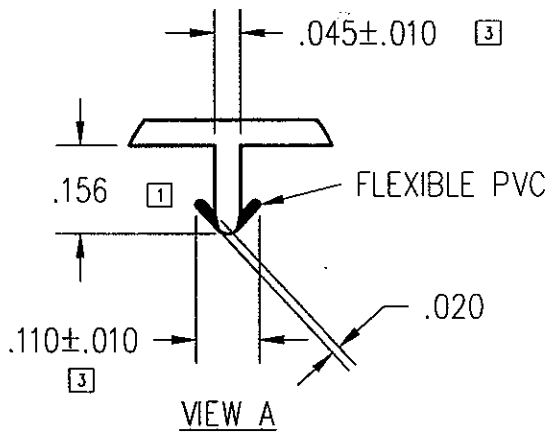
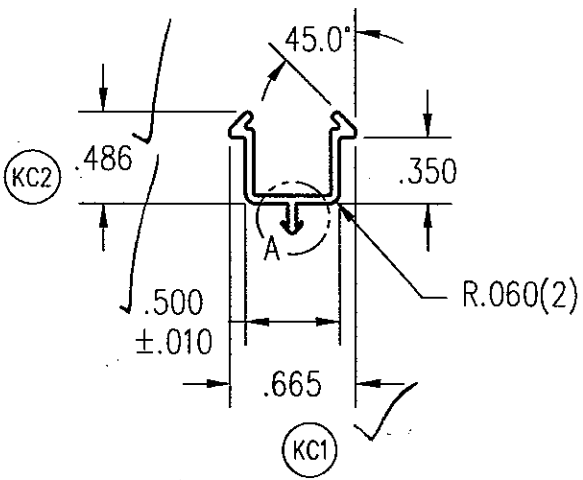
Test sample complies with these details.  
Deviations are noted.

Report# 58646  
Date 11/5-12/05 Tech



(KC3)

FRAME WIDTH	L
36	33 7/8
48	45 7/8
60	57 7/8
72	69 7/8
96	93 7/8



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: CSW / WSW  
HEAD TRACK RETAINER

FINISH:

MATL: RIGID EXTERIOR GRADE PVC  
FLEXIBLE EXTERIOR GRADE P

03	ADDED TOLERANCE DIMENSIONS	AWW	0537	2/21/01	DFT: CEL	SCALE: 1=1
02	REDWSIGNED FINS	CEL	0364	1/11/99	DCN: 0247	DRWG: A326
01	ADDED TITLE INFO	DJF	0271	8/13/98	DATE: 3/20/97	A 01 OF 01
NO	DESCRIPTION	DFT	DOC	DATE		

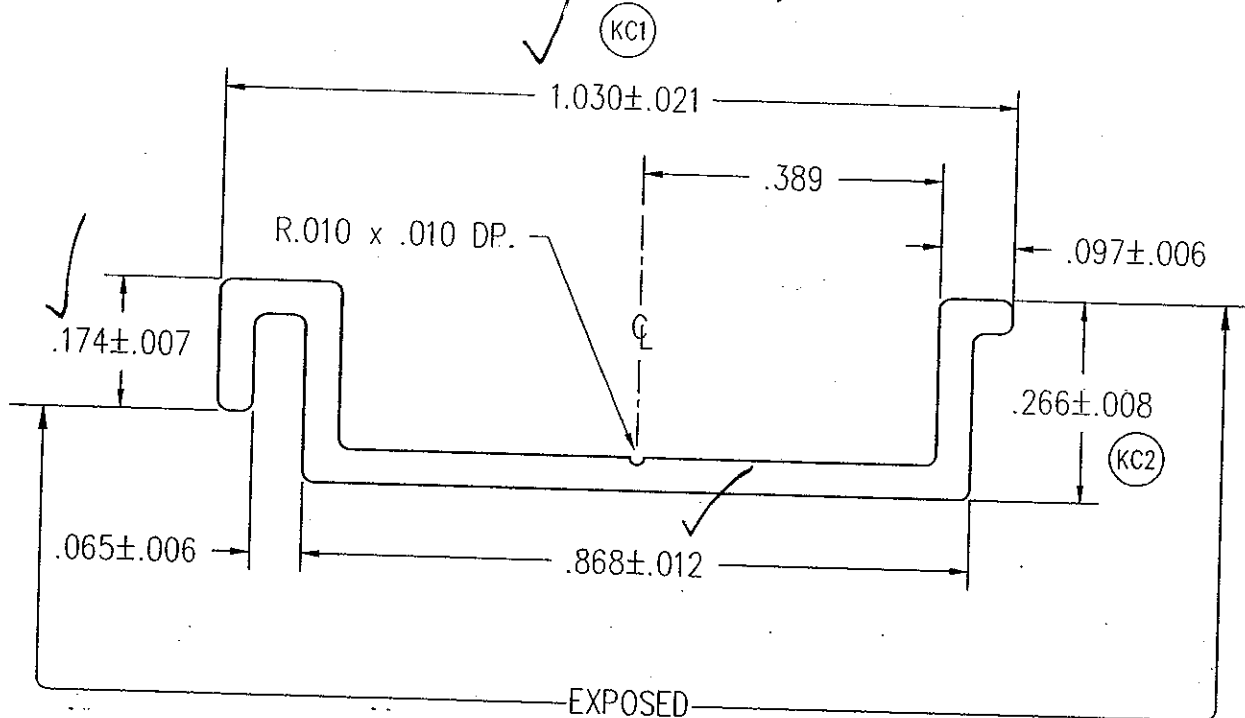
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. TYPICAL WALL THICKNESS .045.  
 3. ALL RADIUS TO BE .015.  
 4. APPROVED VENDOR ALUMAX.



Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 11/8-12/05 Tech. AS



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: CDHV, CSW, CDHVET  
 TOP CHECK RAIL/STILE COVER

FINISH: EAGLE'S STD. COLORS

04	ADDED E-TILT DHG	RJW	0589	6/26/02	MATL:	6063-T6 ALUMINUM	
03	CHG'D DESCRIPTION	CEL	0247	4/21/97			
02	REDESIGNED PROFILE	CEL	0238	11/5/96	DFT:	GDE	SCALE: 4=1
01	REDESIGNED PROFILE	BRL	0215	9/18/95	DCN:	0073	DRWG: A16J
NO	DESCRIPTION	DFT	DOC	DATE	DATE:	3/26/93	A 01 OF 02

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES.  
 2. TYPICAL RIGID WALL THICKNESS .050.  
 3. BFG 85857 - 349 TAN RIGID PVC OR EQUIVALENT.  
 ALCRYN TAN FLEXIBLE OR EQUIVALENT.  
 4. APPROVED VENDOR; CLIM-A-TECH. DIE #1137

PVC TOLERANCES

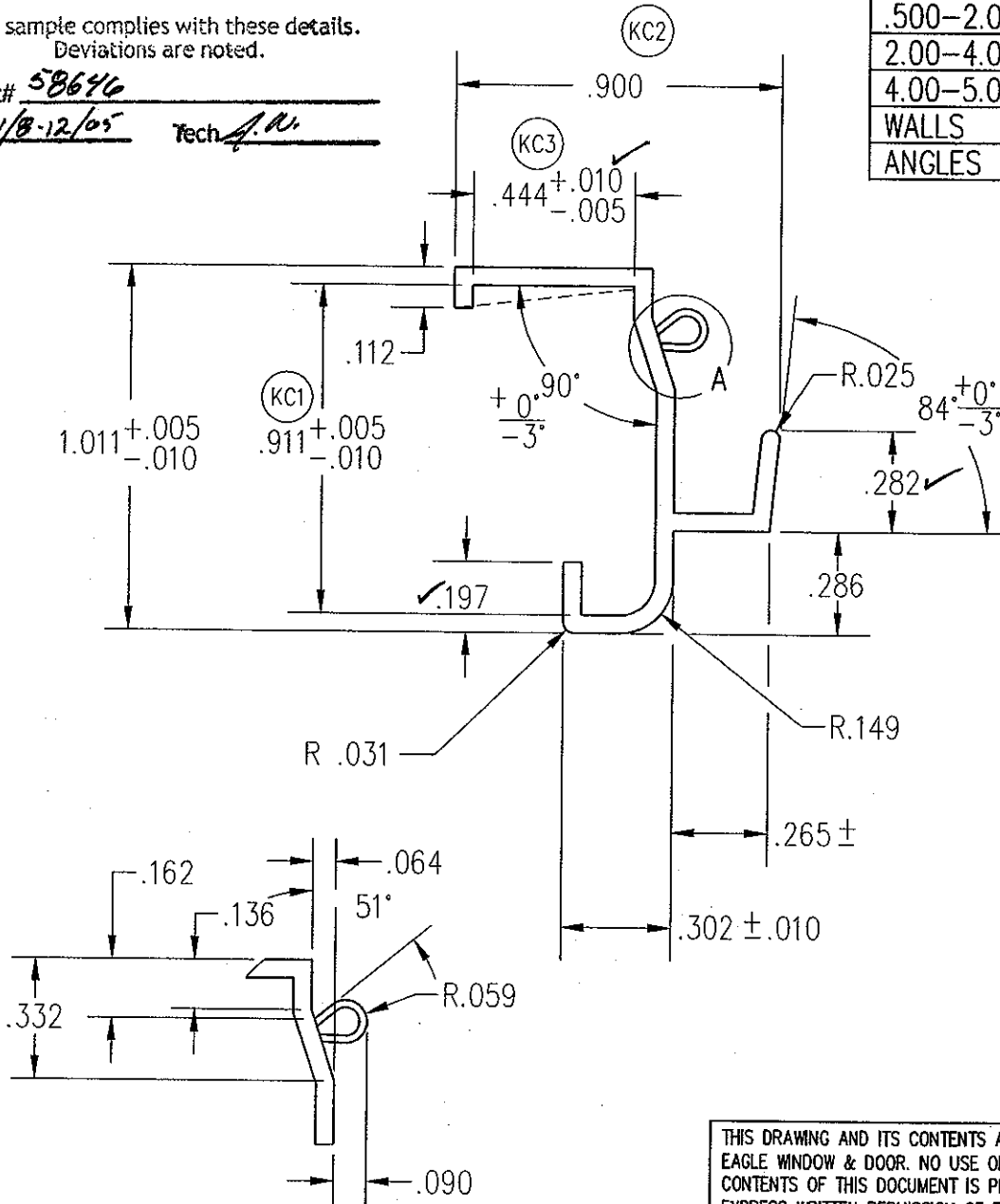
.000-.125	±.010
.125-.500	±.015
.500-2.00	±.020
2.00-4.00	±.030
4.00-5.00	±.040
WALLS	±.005
ANGLES	±3'



Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 11/8-12/05 Tech A.W.



DETAIL "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: CDHV/WDHV/CSW/WSW INTERLOCK

FINISH:

MATL: SEE NOTE #3

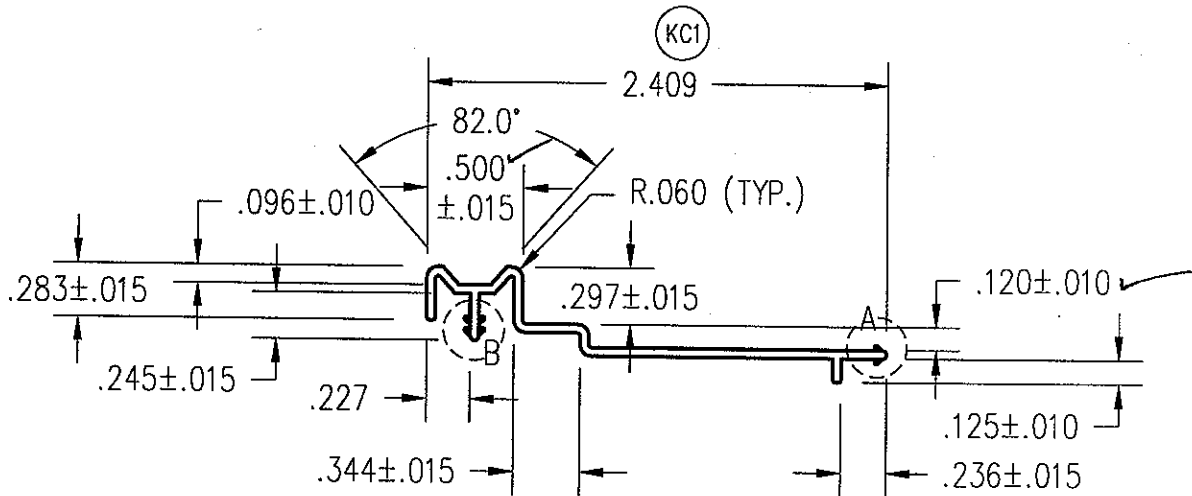
DFT: AWW SCALE: 2=1

DCN: 0705 DRWG: A56D

DATE: 7/31/02 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE

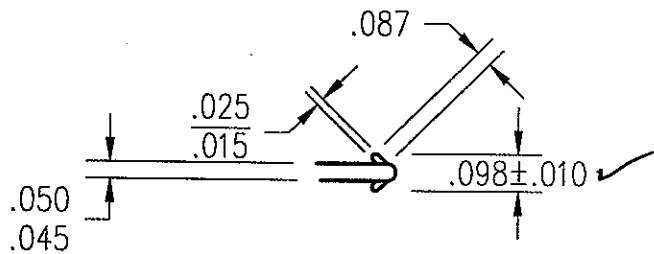
NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. TYPICAL RIGID WALL THICKNESS; .045.



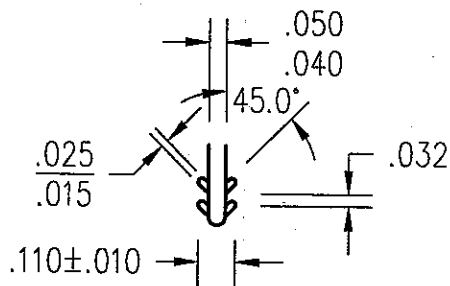
**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 11/18-12/05 Tech A.N.



DETAIL A



DETAIL B

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: **CSW / WSW  
 OUTER SILL TRACK COVER**

FINISH:

MATL:

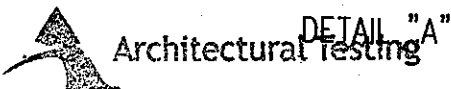
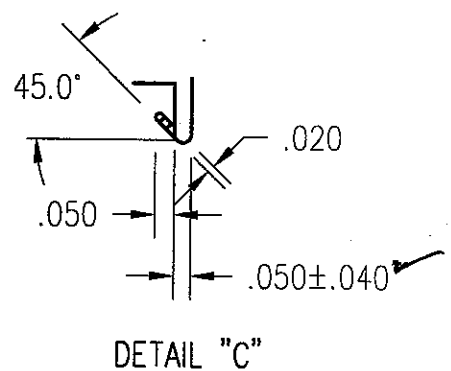
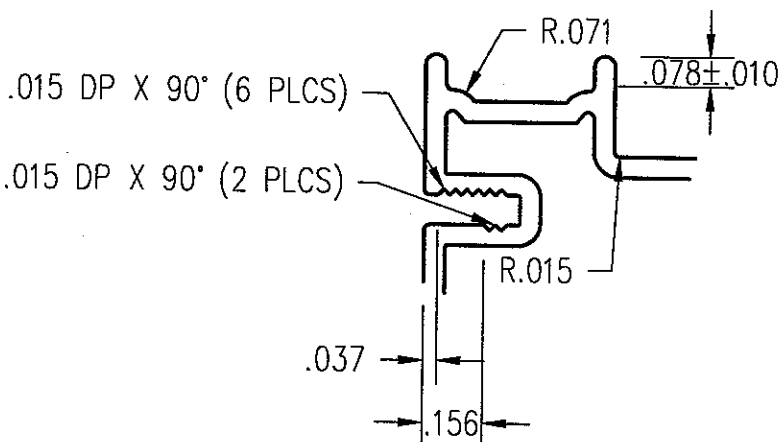
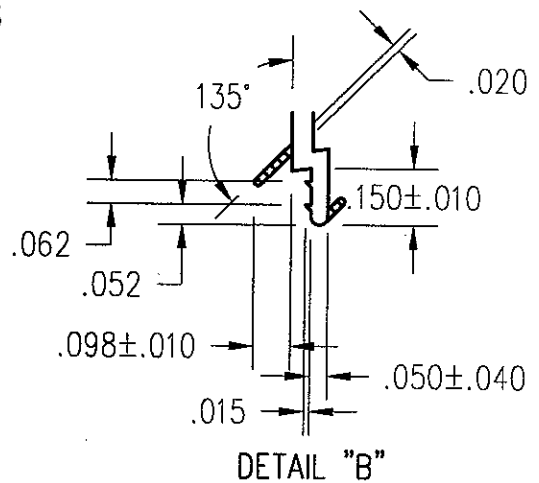
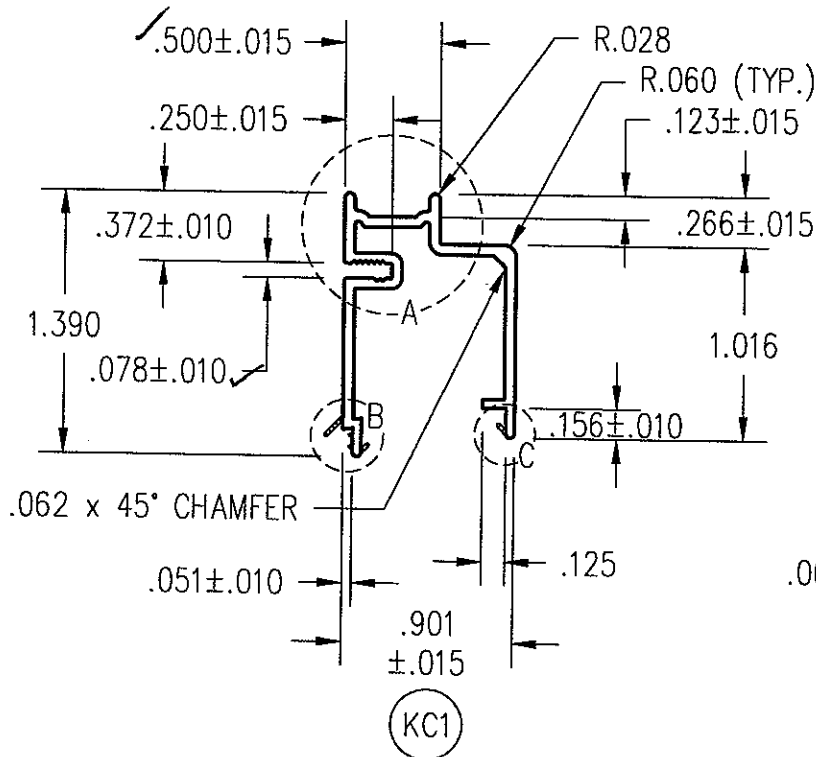
DFT: CEL SCALE: 1=1

DCN: 0247 DRWG: A32F

DATE: 4/2/97 A 01 OF 02

01	ADDED TITLE INFO	DJF	0271	8/17/98
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 THICKNESS: .055"  
 3. ALL RADII NOT DIMENSIONED TO BE FULL RADIUS.  
 4. APPROVED VENDOR; INTEK.



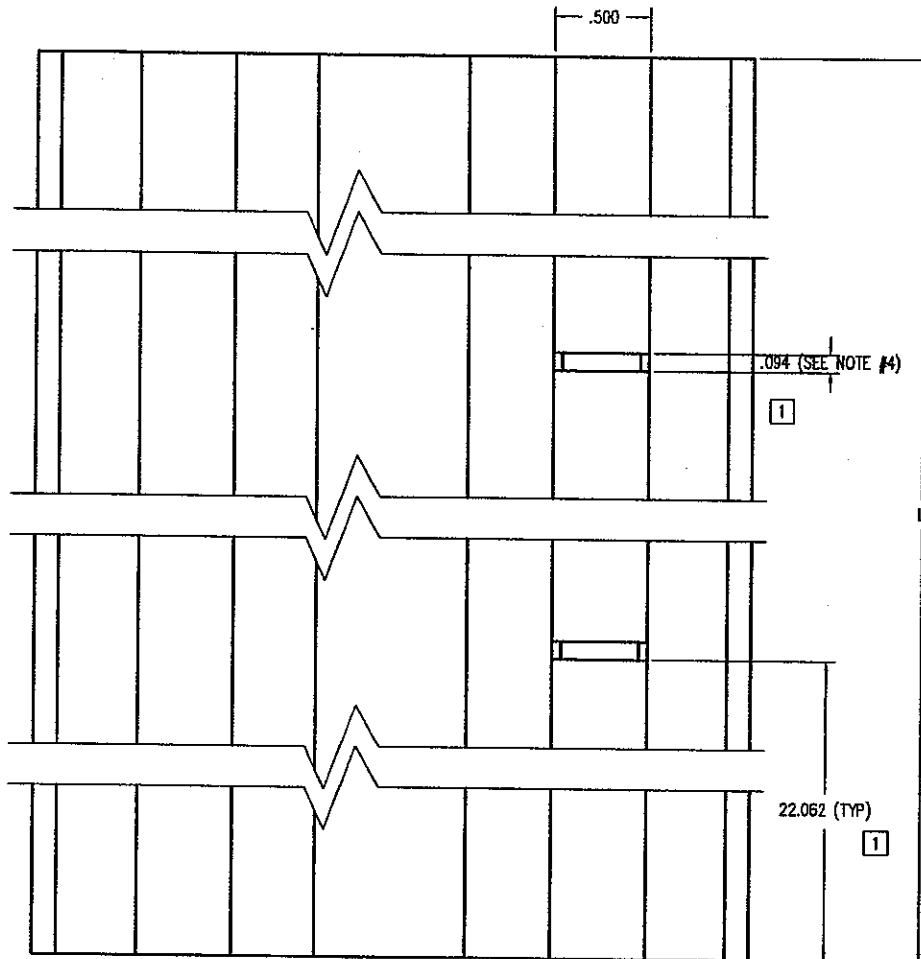
Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 11/8-12/05 Tech A.R.

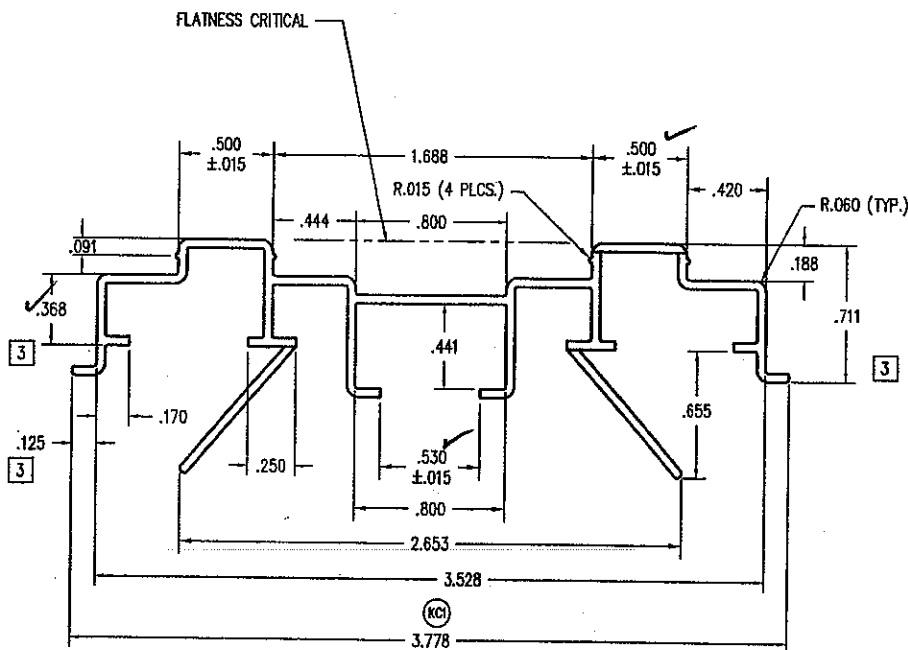
THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF EAGLE WINDOW & DOOR. NO USE OR REPRODUCTION OF THE CONTENTS OF THIS DOCUMENT IS PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF EAGLE WINDOW & DOOR.	
TITLE:	CSW / WSW INNER SILL TRACK
FINISH:	
MATL:	SEE NOTE #5
DFT:	CEL
SCALE:	1=1
DCN:	0247
DRWG:	A32B
DATE:	3/24/97
	A 01 OF 02

01	ADDED TITLE INFO	DJF	0271	8/14/98
NO	DESCRIPTION	DFT	DOC	DATE

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.005; FRAC. ±1/64; ANGLES ±1/2°.
2. BFG 85857- 349 TAN RIGID OR EQUIVALENT  
TYPICAL WALL THICKNESS: 0.045"
3. L = FRAME WIDTH - 2 1/8"
4. THE TRIPLE SASH, EXTERIOR SASH TRACK REQUIRES NOTCHES CUT THE THICKNESS OF THE EXTRUSION ACROSS WIDTH.



FRAME WIDTH	L
36	33 7/8
48	45 7/8
60	57 7/8
72	69 7/8
96	93 7/8



Report: 58646  
Date: 11/8-12/95  
Tech: J.N.

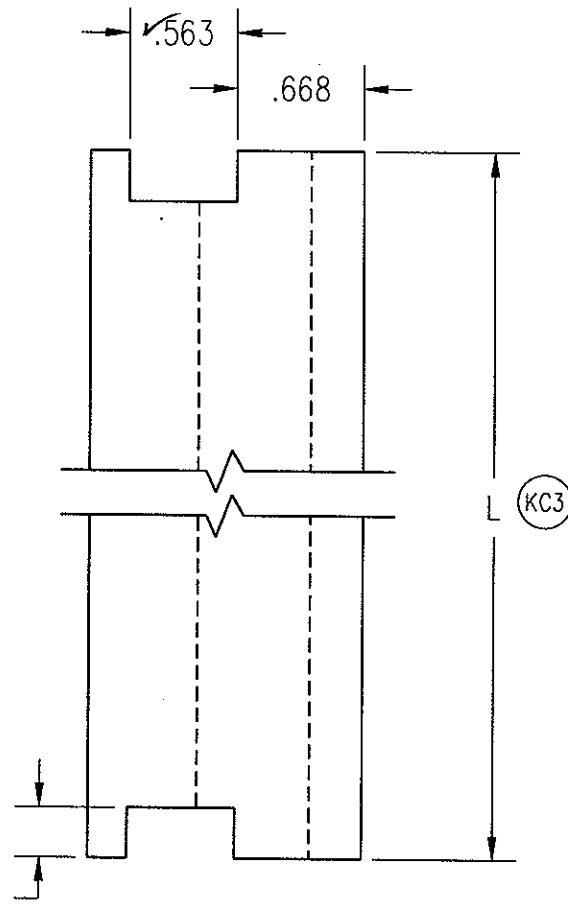
Architectural Testing  
variations are noted.

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: CSW / NSW HEAD TRACK  
FINISH:  
MATERIAL: BFG 85857-349 RIGID PVC

03 CHANGED PROFILE	TWNI 0810A 2/14/2003
02 ADDED TITLE INFO	DJF 0271 8/13/1998 DFT: CEL SCALE: 1=1
01 REDESIGNED JAMBLINER	CEL 0282 1/22/1998 DCN: 0247 DRWS: A325
NO DESCRIPTION	DFT, DOC DATE DATE: 3/20/1997 C 01 OF 01

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. L = FRAME HEIGHT -  $3 \frac{25}{32}$ ".

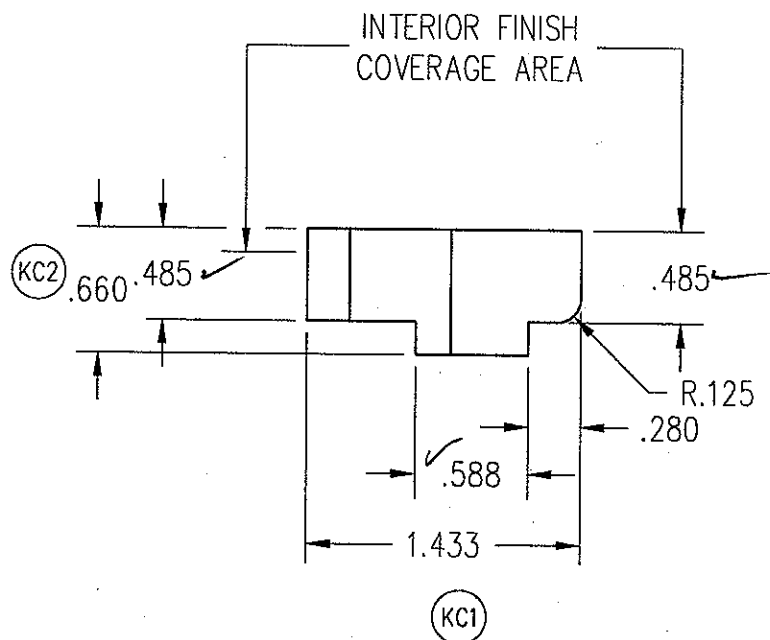


Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 11/8-12/05 Tech A.W.

FRAME HEIGHT	L
24	20 7/32
36	32 7/32
40	36 7/32
48	44 7/32
54	50 7/32
60	56 7/32



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: CSW  
 INTERIOR JAMB COVER

FINISH:

MATL: CLEAR PINE

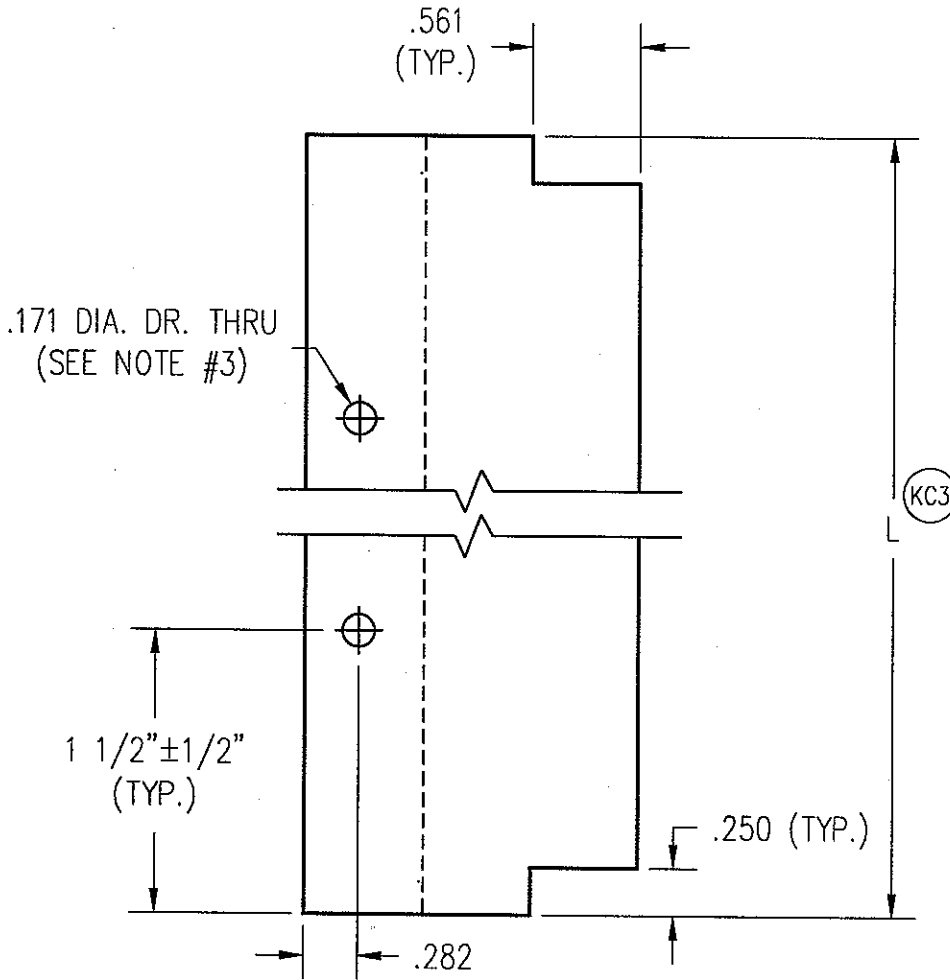
DFT: CEL SCALE: 1=1

DCN: 0247 DRWG: 21J8

DATE: 3/20/97 A 01 OF 01

01		CEL	0282	3/4/98		
NO	DESCRIPTION	DFT	DOC	DATE		

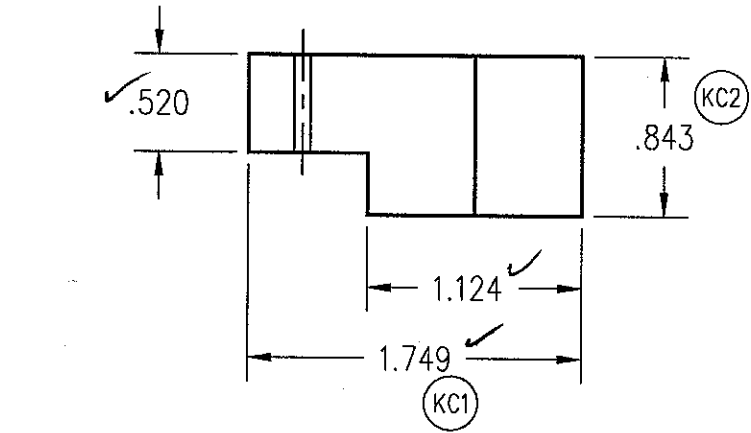
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .
2. L = FRAME HEIGHT -  $3 \frac{13}{16}$ ".
3. CLEARANCE HOLES ARE LOCATED  $1 \frac{1}{2} \pm 1/2$ " FROM END OF PART, AND SPACED 10" TO 12" O.C. THEREAFTER. 3 HOLE MINIMUM.



Report# 58696  
 Date 11/8/95  
 Tech J.N.  
 sample complies with these details.  
 Deviations are noted.

**Architectural Testing**

FRAME HEIGHT	L
24	20 3/16
36	32 3/16
40	36 3/16
48	44 3/16
54	50 3/16
60	56 3/16



CUTSTOCK 1" X 2"  
 FINGERJOINT OK  
 USE REWORK (PART IS  
 TOTALLY COVERED -  
 NOTHING SEEN)

DJF: 09-22-98

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: CSW / WSW  
 SASH SUPPORT

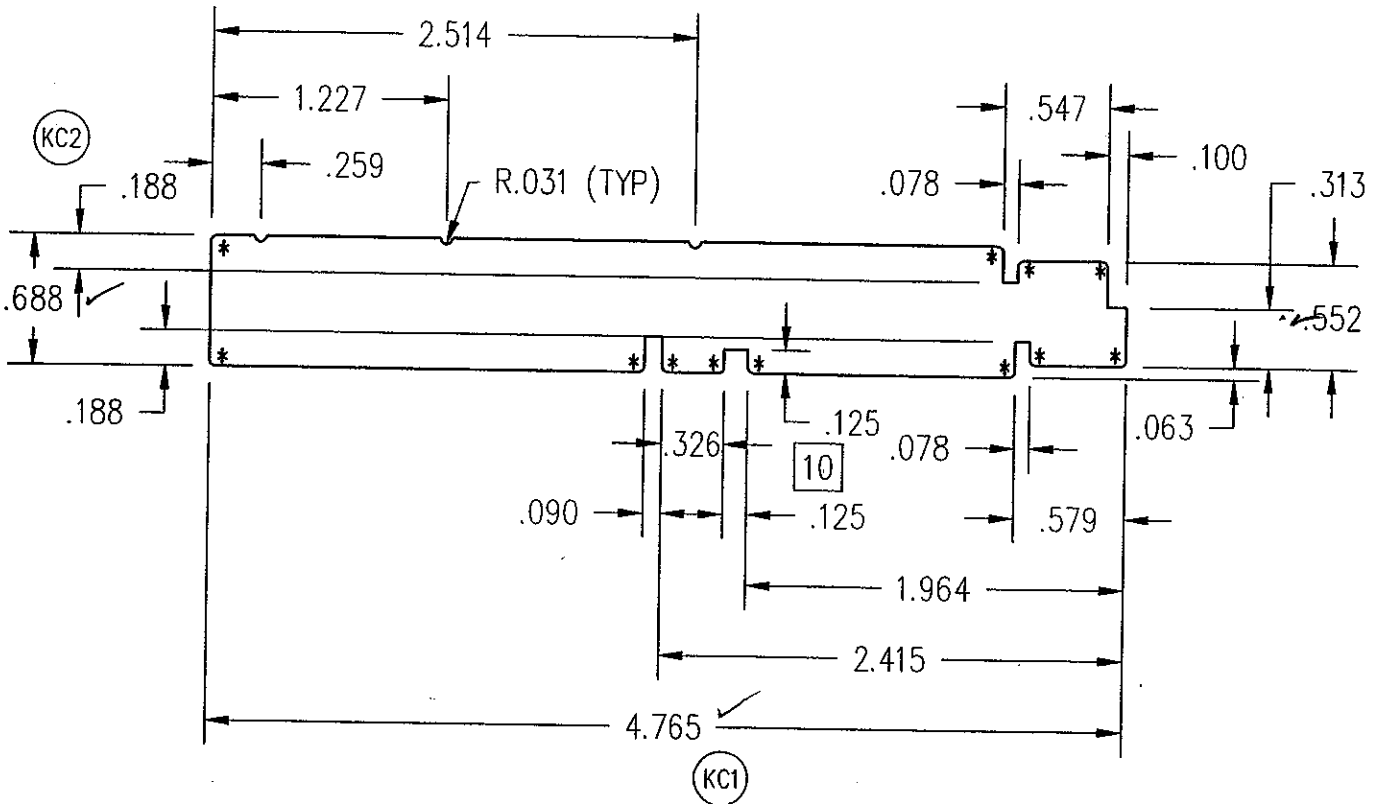
FINISH:

MATL: LVL, TSL, EDGE GLUED  
 OR FINGER JOINTED PINE

DFT: CEL SCALE: 1=1  
 DCN: 0247 DRWG: 21JB  
 DATE: 4/8/97 A 01 OF 01

NO	DESCRIPTION	DFT	DOC	DATE
01	ADD TITLE/FINISH INFO	DJF	0271	8/19/98

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 ALL RADII = .031. DENOTED BY \* (12 PLCS).



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 11/0-12/65 Tech A.N.

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: CDHV/CDHVET/CSW - HEAD  
 CDHF - HEAD/SIDE JAMB

FINISH:

MATL: SEE PAGE 02

10	ADD 2ND KERF TO MATCH #2134	TWN	0768	1/30/03	DFT: BRL	SCALE: 1=1
09	ADDED E-TILT DHG	RJW	0589	6/26/02	DCN: 0215	DRWG: 21E9
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 9/29/95	A 01 OF 02

5

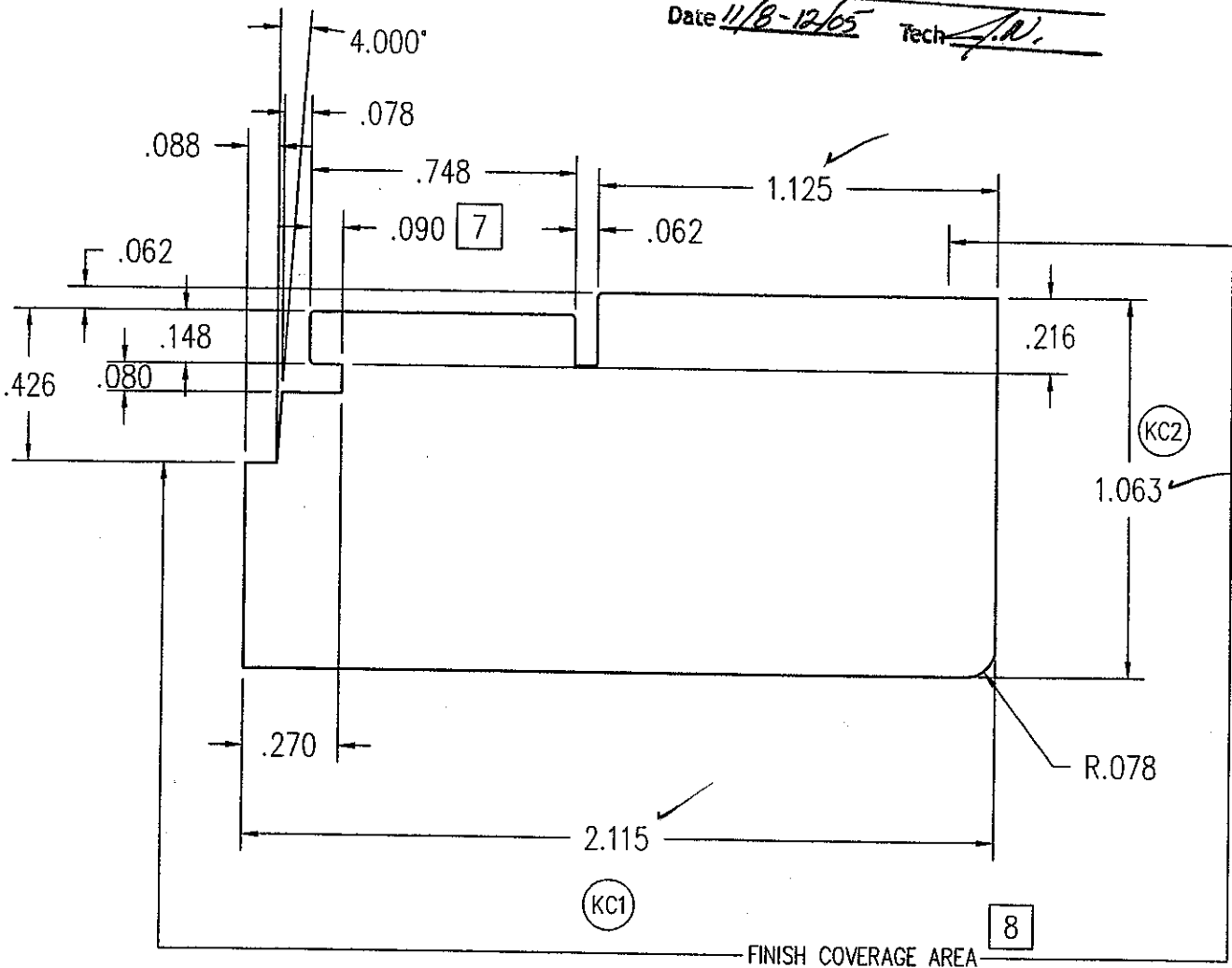
NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .



Test sample complies with these details.  
Deviations are noted.

Report# 58646

Date 11/8-12/05 Tech A.N.



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: CSW  
LOWER CHECK STILE

FINISH:

MATL: CLEAR PINE

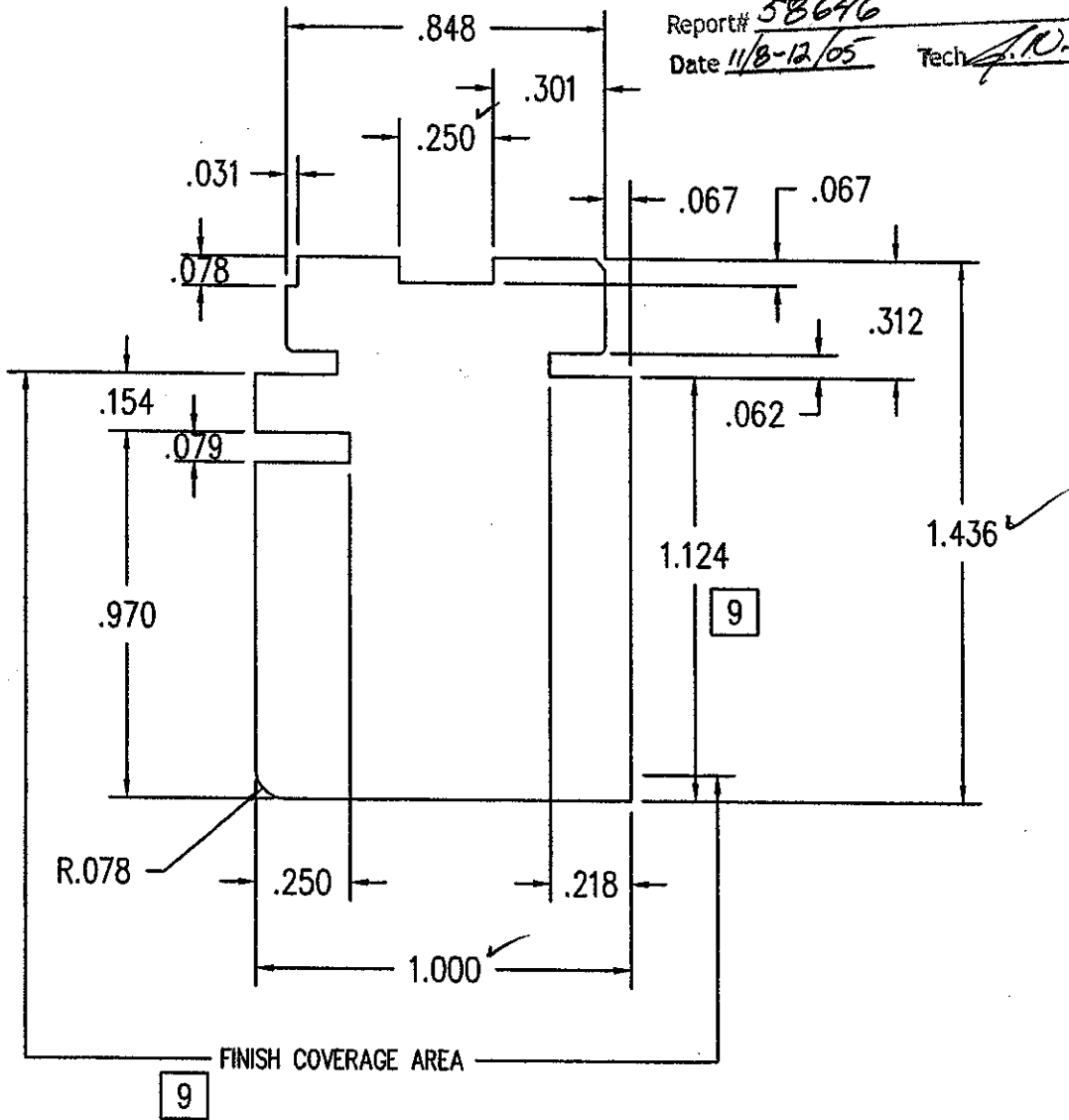
08	ADDED COVERAGE AREA	JH	0911	8/10/04		
07	CHG'D PROFILE, .090 WAS .075	TWN	0888	6/3/2004	DFT: GDE	SCALE: 2=1
06	ADDED E-TILT DHG	RJW	0589	6/26/2002	DCN: 0073	DRWG: 213B
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 3/30/1993	A 01 OF 02

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  $\pm 1/2^\circ$ .



Test sample complies with these details.  
Deviations are noted.

Report# 58646  
Date 11/8-12/05 Tech A.O.



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: CDHV/CDHF/CDHVT/CSW RAIL

FINISH:

MATL: CLEAR PINE

DFT: GDE SCALE: 2=1  
 DCN: 0073 DRWG: 213A  
 DATE: 9/14/93 A 01 OF 02

09	ADDED COVERAGE AREA & DIM.	JH	0911	8/10/04
08	ADDED E-TILT DHG	RJW	0589	6/26/02
07	REVISED PROFILE	CEL	0366	10/29/98
06	ADDED MAT'L INFO	DJF	0300	4/9/98
05	CHG'D TITLE	CEL	0247	9/8/98
NO	DESCRIPTION	DFT	DOC	DATE

41151, 54, 60

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  $\pm 1/2^\circ$ .

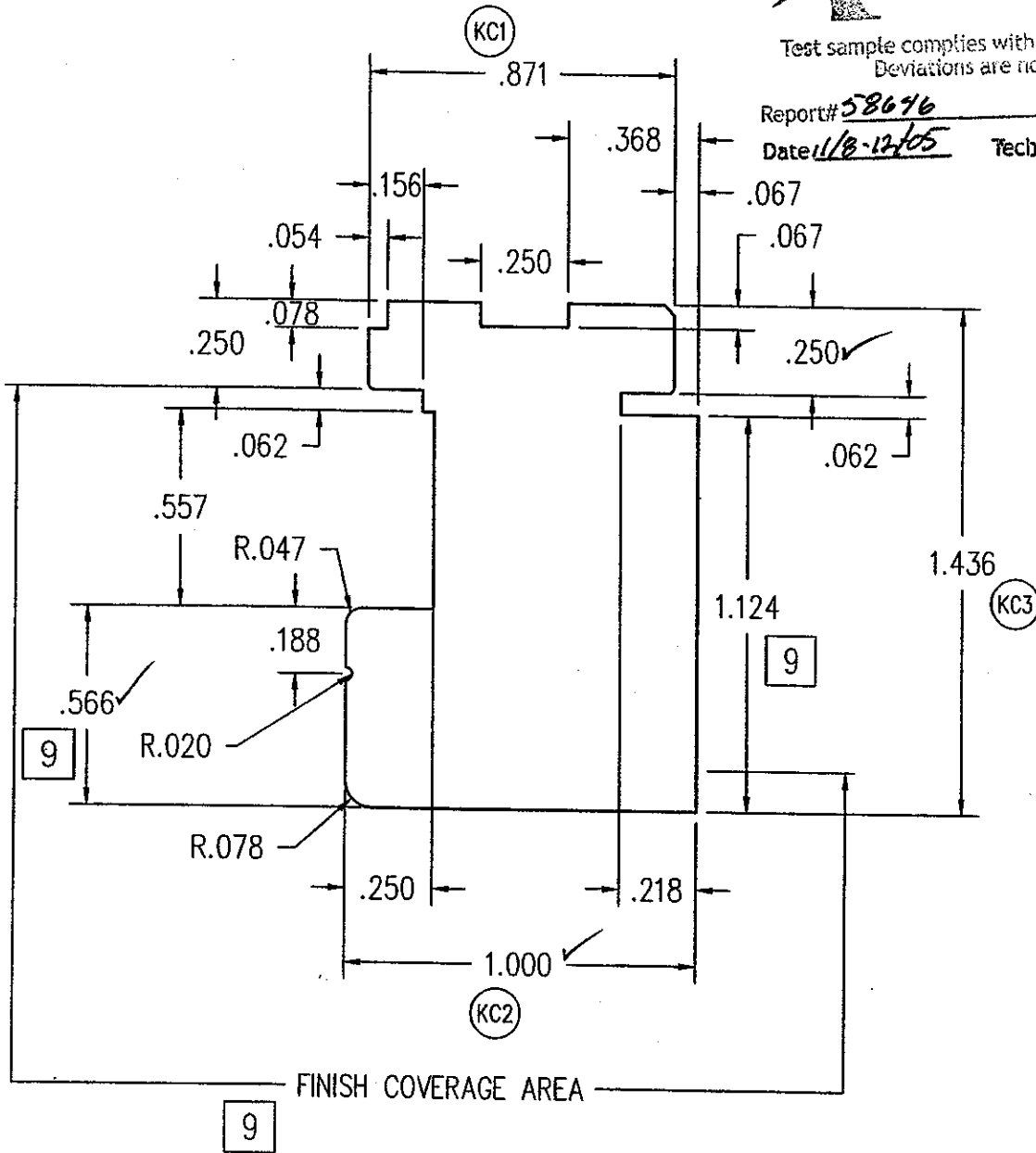


Test sample complies with these details.  
Deviations are noted.

Report# 58676

Date 11/8-12/05

Tech A.O.



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: CDHV/CDHF/CSW/CDHVT  
STILE/RAIL

FINISH:

MATL: CLEAR PINE

DFT: GDE SCALE: 2=1

DCN: 0073 DRWG: 2137

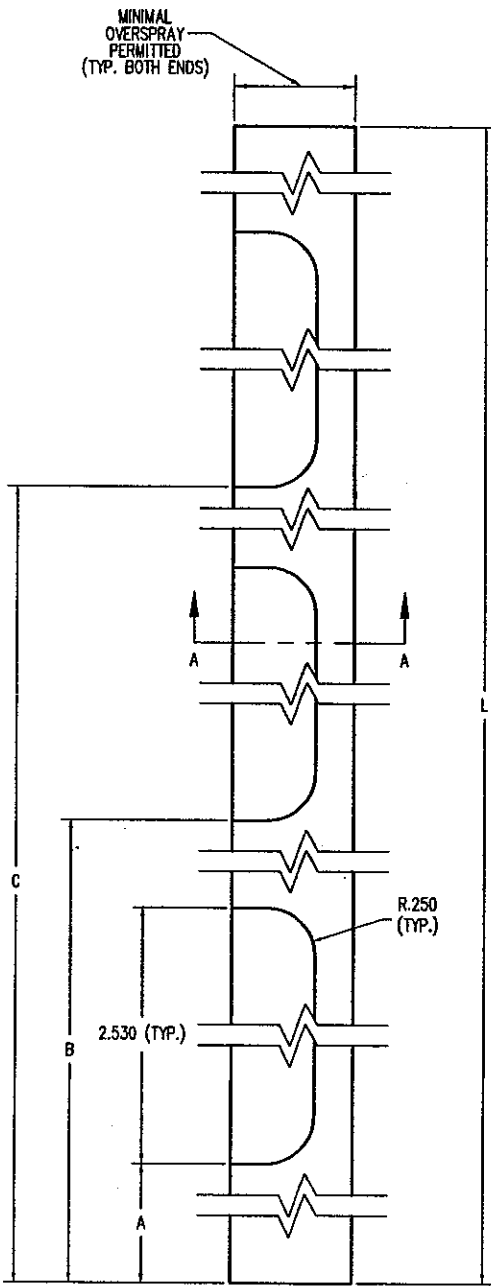
DATE: 9/14/93 A 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE
09	ADDED COVERAGE AREA & DIM.	JH	0911	8/10/04
08	ADDED E-TILT DHG	RJW	0589	6/26/02
07	CHG'D PROFILE BACK TO REV. #5	TWN	0600	9/6/01
06	REVISED PROFILE	CEL	0367	5/23/00
05	REVISED PROFILE	CEL	0366	10/29/98

41,51,54,60



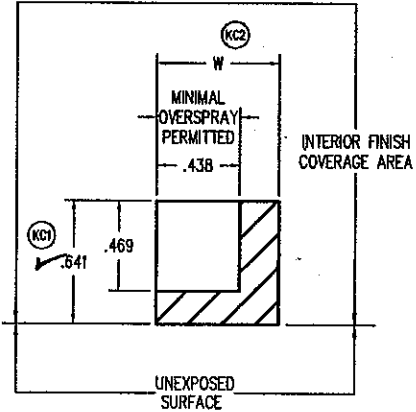
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.005; FRAC. ±1/64; ANGLES ±1/2.  
 2. ALL UNITS WIDER THAN 44" MUST BE APPROVED THROUGH THE CUSTOM QUOTE SYSTEM.  
 3. FOR DOUBLE HUNG, L = FRAME WIDTH - 5 13/16  
 UNITS NARROWER THAN 36" IN WIDE RECEIVE 1 LOCK. A = (FRAME WIDTH / 2) - 4.081.  
 UNITS BETWEEN 36" IN WIDTH AND LESS THAN 44" RECEIVE 2 LOCKS. A = 5.919. B = FRAME WIDTH - 14.081.  
 UNITS BETWEEN 44" IN WIDTH AND LESS THAN 48" RECEIVE 2 LOCKS. A = 5.919. B = FRAME WIDTH - 14.081.  
 UNITS 48" WIDE AND LARGER RECEIVE 3 LOCKS. A = 5.919. B = (FRAME WIDTH / 2) - 4.081. C = FRAME WIDTH - 14.081.  
 4. SLIDING WINDOW (CSW, WSW) LOCK LOCATIONS:  
 FOR SLIDING WINDOW (CSW), L = FRAME HEIGHT - 5 13/16  
 UNITS UP TO AND INCLUDING 48" IN HEIGHT RECEIVE 1 LOCK. A = (FRAME HEIGHT / 2) - 4.081.  
 UNITS ABOVE 48" IN HEIGHT RECEIVE 2 LOCKS. A = 11.919. B = FRAME HEIGHT - 20.081.  
 5. GLASS STOP WIDTH, W = 1.263 - GLASS (THICKNESS).



FRAME WIDTH	A	B	C	L
16	3.919	----	----	10 3/16
20	5.919	----	----	14 3/16
24	7.919	----	----	18 3/16
28	9.919	----	----	22 3/16
30	10.919	----	----	24 3/16
32	11.919	----	----	26 3/16
36	5.919	21.919	----	30 3/16
40	5.919	25.919	----	34 3/16
44	5.919	29.919	----	38 3/16
48	5.919	19.919	33.919	42 3/16

CSW / WSW			
FRAME HEIGHT	A	B	L
24	7.919	----	18 3/16
36	13.919	----	30 3/16
40	15.919	----	34 3/16
48	19.919	----	42 3/16
54	11.919	33.919	48 3/16
60	11.919	39.919	54 3/16

GLASS		W
SS (2.3mm) - MONOLITHIC		1.173
DS (3.0mm) - MONOLITHIC		1.141
5/32 (3.9mm) - MONOLITHIC		1.109
3/16 (4.7mm) - MONOLITHIC		1.078
1/4 (5.7mm) - MONOLITHIC		1.016
4MM SEA STORM		.861
5/8 O.A. - INSULATING GLASS		.641
3/4 O.A. - INSULATING GLASS		.518
.791" O.A. - LAM I.G. H.M.		.487



SECTION A-A



Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

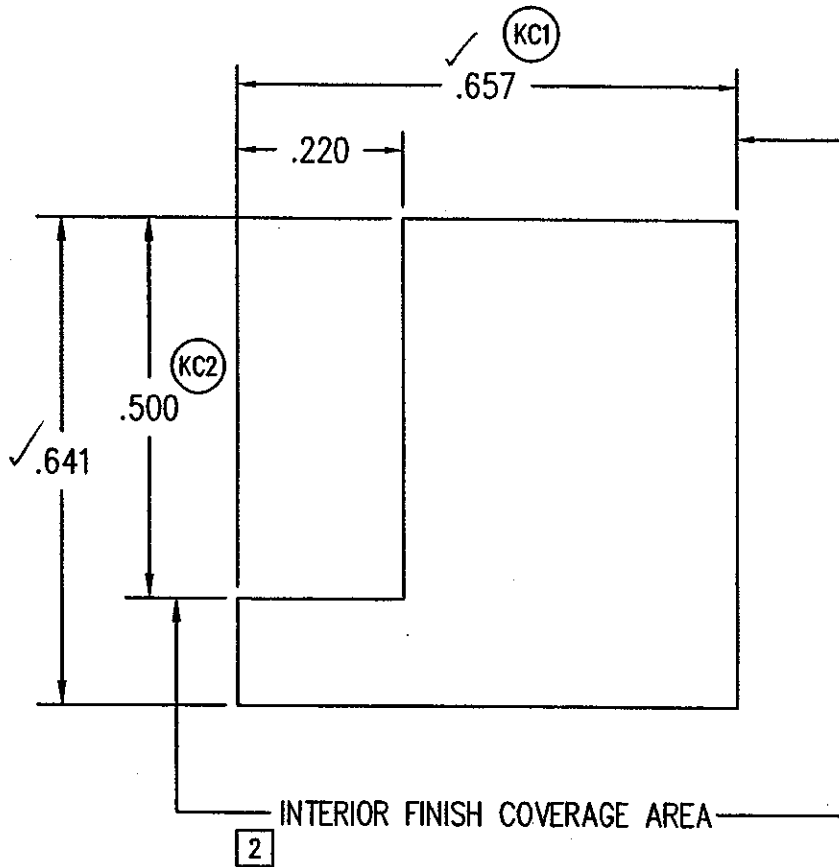
Report# 58646  
 Date 11/8-12/05 Tech AN

THE DRAWING AND ITS CONTENTS ARE THE PROPERTY OF ARCHITECTURAL TESTING & DESIGN. NO USE OR REPRODUCTION OF THE CONTENTS OF THIS DOCUMENT IS PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF ARCHITECTURAL TESTING & DESIGN.	
TITLE:	CDW/CSW/WSW/CSHWET GLAZING STOP
FINISH:	
MATERIAL:	CLEAR PINE

12 ADDED GLASS STOP OPTIONS	PJB 824A 12/15/2005
11 ADDED SEA STORM OPTION	BJA 0742 10/30/2005 DFT: GDE SCALE: 1"=
10 ADDED E-ILT DHG	AWW 0588 6/28/2005 DCN: 0073 DRWG: 212X
NO1 DESCRIPTION	DFT DOC DATE DATE: 4/14/1993 C 01 OF 01

51

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  $\pm 1/2^\circ$ .



Test sample complies with these details.  
Deviations are noted.

Report# 58646  
Date 11/8-12/05 Tech A.N.

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: SILL STOOL

FINISH: SEE PAGE 02

MATL: SEE PAGE 02

02	ADDED COVERAGE AREA	JH	0893	6/14/2004	DFT: GDE	SCALE: 4=1
01	ADDED MACH. SYM.	CEL	0247	8/19/1997	DCN: 0073	DRWG: 212Y
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 3/3/1993	A 01 OF 02

20, 21, 41, 51, 52, 54

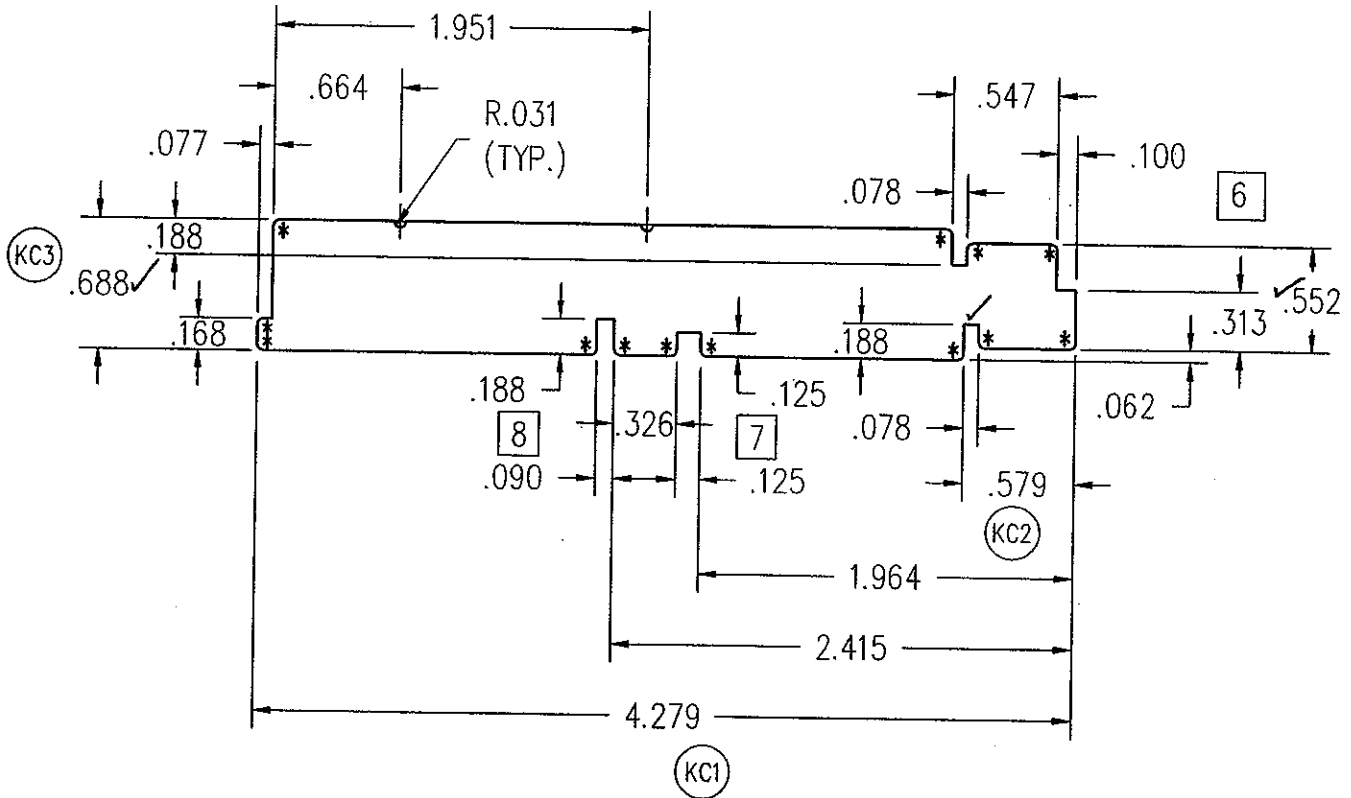
NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. UNLESS OTHERWISE SPECIFIED ALL RADII = .031. DENOTED BY \* (13 PLCS)



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 11/8-12/65 Tech A.W.



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: CDHV/CDHVET/CSW  
 SIDE JAMB

FINISH:

MATL: SEE PAGE 02

DFT: GDE SCALE: 1=1

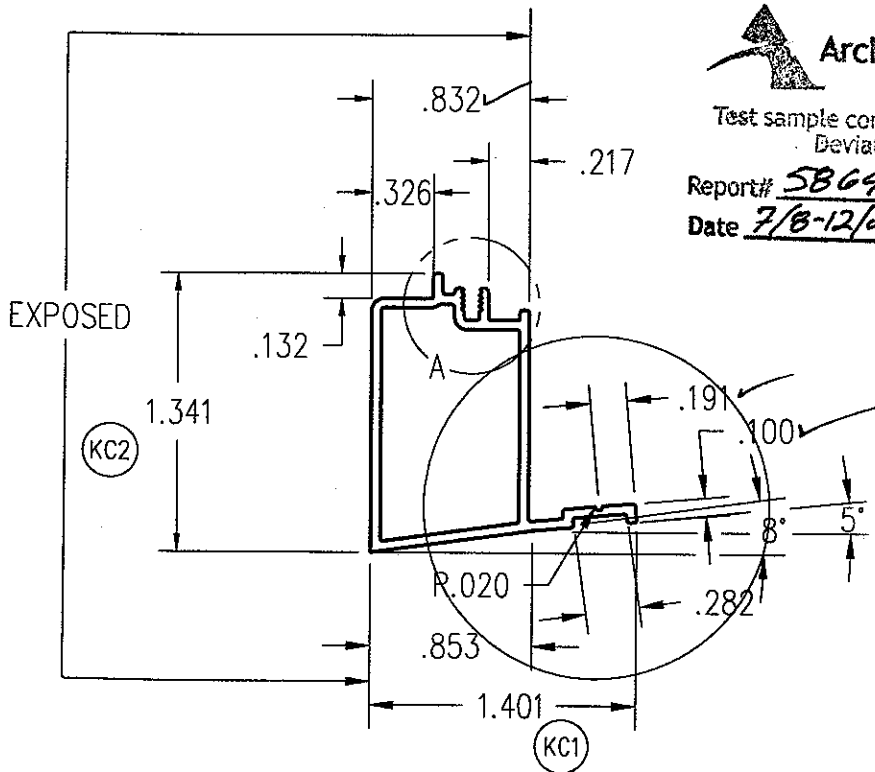
DCN: 0073 DRWG: 2134

DATE: 3/2/93 A 01 OF 02

08	ADD 2ND KEFT TO MATCH #21E9	TWN	0768	1/30/03
07	ADDED KERF FOR E-TILT	AWW	0589	6/26/02
06	CHNG'D PROFILE	AWW	0580	8/3/01
05	ADD RADIUS TO CORNERS	SCT	0292	5/1/98
04	CHG'D DESCRIPTION	CEL	0247	5/5/97
NO	DESCRIPTION	DFT	DOC	DATE

5

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 RIGID WALL THICKNESS; .055.

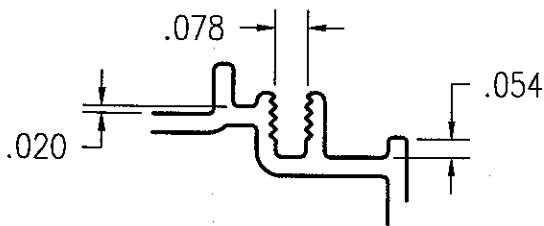


Test sample complies with these details.  
 Deviations are noted.

Report# 58646

Date 7/8-12/05

Tech A.W.



DETAIL 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: **CSW / WSW  
 OUTER SILL TRACK**

FINISH:

MATL: **6063 - T6 ALUMINUM**

DFT: **CEL**

SCALE: **1=1**

DCN: **0247**

DRWG: **A32C**

DATE: **3/24/97**

A **01 OF 02**

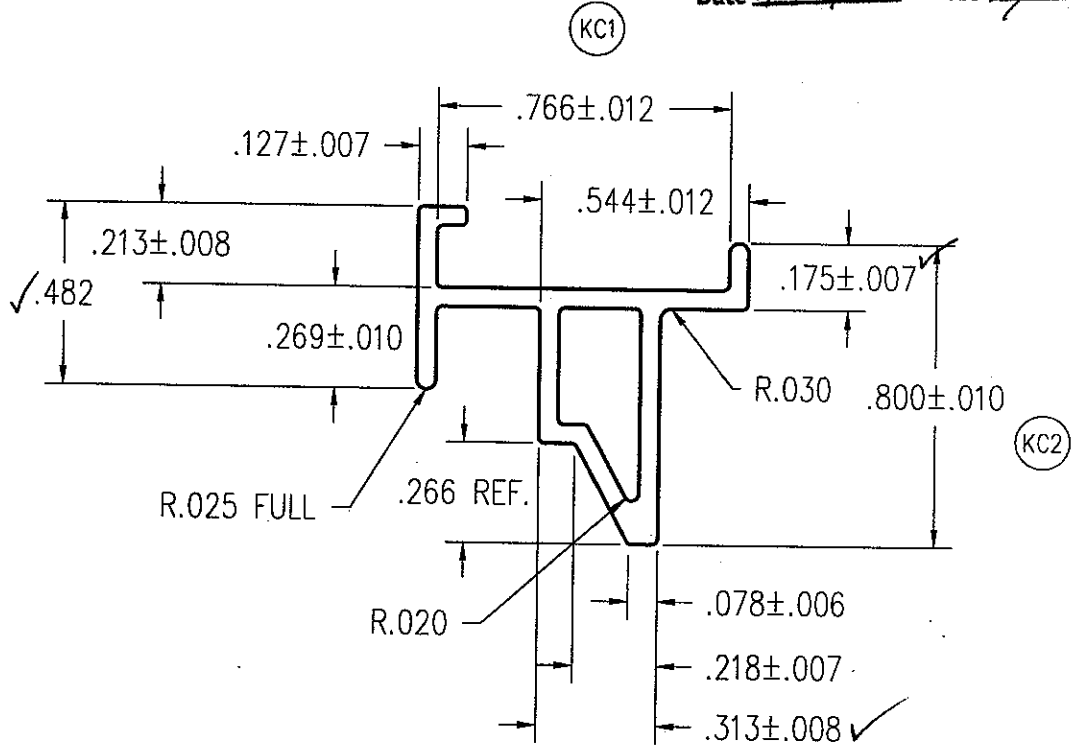
01	ADDED TITLE INFO	DJF	0271	8/14/98
NO	DESCRIPTION	DFT	DOC	DATE

- 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 .050 UNLESS OTHERWISE SPECIFIED.  
 3. BREAK UNSPECIFIED CORNERS R .015.



Test sample complies with these details.  
 Deviations are noted.

Report# 58646  
 Date 7/8-12/05 Tech A.N.



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: CDHV, CSW BOTTOM  
 CHECK RAIL/STILE COVER

FINISH:

MATL: SEE PAGE 02

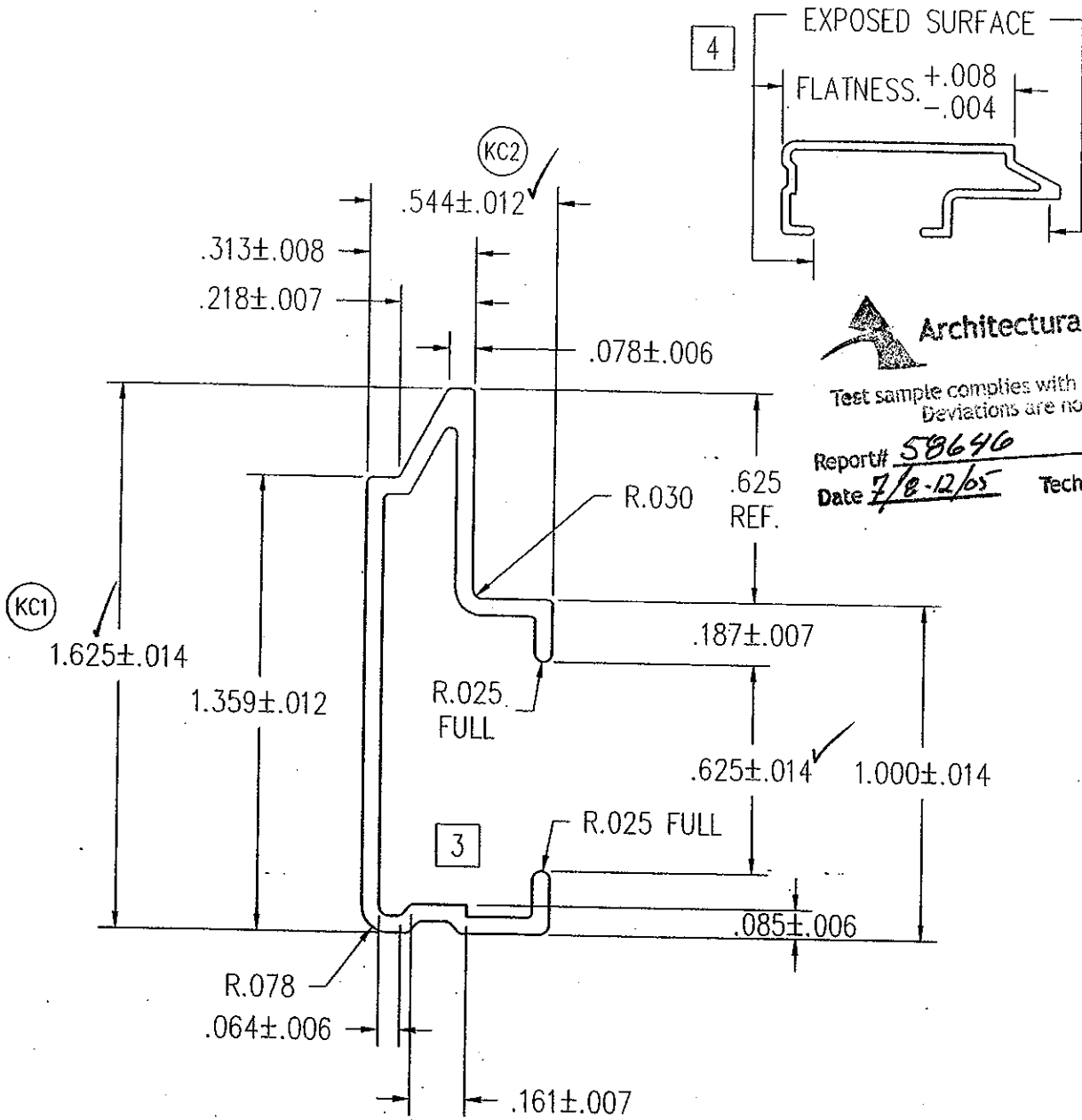
DFT: AWW SCALE: 2=1

DCN: 0499 DRWG: A43H

DATE: 9/28/00 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. TYPICAL WALL THICKNESS  $.050 \pm .005$ .  
 3. UNSPECIFIED RADIUS TO BE  $.015$ .



**Architectural Testing**

Test sample complies with these details  
 Deviations are noted.

Report# 58646  
 Date 7/8-12/05 Tech A.W.

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: CDHV, CDHF, CSW, CDHVET  
 SASH COVER

FINISH: EAGLE'S STD. COLORS

05	ADDED E-TILT DHG	RJW	0589	6/26/02
04	ADDED TOLERANCE SPECS.	TWN	0595	8/31/01
03	REVISED PROFILE	CEL	0366	10/27/98
02	CHG'D DESCRIPTION	CEL	0247	4/14/97
01	PROFILE REDESIGNED	BRL	0215	8/29/95
NO	DESCRIPTION	DFT	DOC	DATE

MATL:	6063 T-6 ALUMINUM OR EQUIVALENT
DFT:	GDE
DCN:	0073
DATE:	3/26/93
SCALE:	2=1
DRWG:	A16K
A	01 OF 02