NOTICE OF PRODUCT CERTIFICATION

CERTIFICATION NO: NI011784-R1
DATE: 01/23/2014
CERTIFICATION PROGRAM: Structural
COMPANY: Kudzu
CODE: 2118-1
REVISION DATE: 10/27/2014

To verify that the "Notice of Product Certification" is valid, please visit www.NAMICertification.com to assure that the product is active and currently listed. This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. Please review and advise NAMI if any corrections are required to this document.

COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
Kudzu Millwork, Inc. **240 McCurdy Avenue South** **Rainsville, AL 35986**	**Series "1800"** **Vinyl Single Hung Window** Configuration: O/X Glazing: Insulated Glass (Annealed) Frame: W-1006mm(39.62") H-1591mm(62.62") Sash: W-963mm(37.93") H-732mm(28.81") DLO: W-889mm(35.00") H-711mm(28.75")

SPECIFICATION	PRODUCT RATING
AAMA/WDMA/CSA 101/I.S.2/A440-11	**Class R-PG35 1006 x 1591 (40 x 63)-H** **Design Pressure: 1680 Pa (35 psf)** **Negative Design Pressure: 1680 Pa (35 psf)** **Water Penetration Resistance Test Pressure: 260 Pa (5.43 psf)**

Product Tested By: Architectural Testing Incorporated
Report No: D2912.03-550-44
Expiration Date: **January 31, 2018**

Administrator's Signature: _____

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.
4794 George Washington Memorial Highway
Hayes, VA 23072
Tel: (804) 684-5124
Fax: (804) 684-5122

Architectural Testing

TEST REPORT

Report No.: D2912.03-550-44

Rendered to:

ALL TEMP WINDOWS
Rainsville, Alabama

PRODUCT TYPE: Window – Single Hung
SERIES/MODEL: 1800 SH

SPECIFICATION: AAMA/WDMA/CSA 101/I.S.2/A440-11, *NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

Title	Summary of Results
Primary Product Designator	R-PG35 1006 x 1591 (40 x 63)- H
Design Pressure	±1680 Pa (±35.11 psf)
Air Infiltration	0.2 L/s/m^2 (0.03 cfm/ft^2)
Water Penetration Resistance Test Pressure	260 Pa (5.43 psf)

Test Completion Date: 11/19/2013

Reference must be made to Report No. D2912.03-550-44, dated 01/08/14 for complete test specimen description and detailed test results.

1.0 Report Issued To: All Temp Windows
240 McCurdy Avenue South
Rainsville, Alabama 35986

2.0 Test Laboratory: Architectural Testing, Inc.
1701 Westfork Drive, Suite 106
Lithia Springs, Georgia 30122
770.941.6916

3.0 Project Summary:

3.1 Product Type: Window – Single Hung

3.2 Series/Model: 1800 SH

3.3 Compliance Statement: Results obtained are tested values and were secured by using the designated test method(s). The specimen tested successfully met the performance requirements for a R-PG35 1006 x 1591 (40" x 63")-H rating.

3.4 Test Dates: 11/18/2013 - 11/19/2013

3.5 Test Record Retention End Date: All test records for this report will be retained until December 20, 2017.

3.6 Test Location: Architectural Testing, Inc. test facility in Lithia Springs, Georgia.

3.7 Test Sample Source: The test specimen was provided by the client.

3.8 Drawing Reference: The test specimen drawings have been reviewed by Architectural Testing and are representative of the test specimen reported herein. Test specimen construction was verified by Architectural Testing per the drawings located in Appendix C. Any deviations are documented herein or on the drawings.

3.9 List of Official Observers:

Name	Company
Rob Schrader	Quanex Building Products
Mike Rentz	All Temp Windows
Joel Ivey	Architectural Testing, Inc.
Ryan Hedgepeth	Architectural Testing, Inc.
José Colón	Architectural Testing, Inc.

4.0 Test Specification(s):

AAMA/WDMA/CSA 101/I.S.2/A440-11, *NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

5.0 Test Specimen Description:

5.1 Product Sizes:

Test Specimen #1:

Overall Area: 1.6 m^2 (17.2 ft^2)	**Width**		**Height**	
	millimeters	**inches**	**millimeters**	**inches**
Overall size	1006	39-5/8	1591	62-5/8
Sash size	963	37-15/16	732	28-13/16
Screen size	908	35-3/4	756	29-3/4

5.2 Frame Construction:

Frame Member	**Material**	**Description**
Head, sill, jamb	PVC	Extruded vinyl (Part #8940)
meeting rail	PVC	Extruded vinyl (Part #7615)

	Joinery Type	**Detail**
All corners	Thermally welded	Mitered, coped, and butted
Meeting Rail	Mechanically fastened and sealed with silicone	Secured with two #8 x 2" flat head screws at each end

5.3 Sash Construction:

Sash Member	**Material**	**Description**
Rails	PVC	Extruded vinyl (Part #7110)
Stiles	PVC	Extruded vinyl (Part #7111)

	Joinery Type	**Detail**
All corners	Thermally welded	Mitered, coped, and butted

5.0 Test Specimen Description: (Continued)

5.4 Weatherstripping:

Description	Quantity	Location
Amesbury 187mm x 270mm weatherstripping (Part # 2701875WHG2)	7 rows	One row on frame sill, sash upper and lower rails, and two rows on each sash stile.

5.5 Glazing: *No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen can be made.*

Glass Type	Spacer Type	Interior Lite	Exterior Lite	Glazing Method
19.05mm (3/4") IG	1/2" Truseal Duralite spacer	2.3mm (3/32") annealed	2.3mm (3/32") annealed	Exterior: Glazing Tape (Part #4Z400-00014) Interior: Glazing Bead (Part #6177)

Location	Quantity	Daylight Opening		Glass Bite
		millimeters	inches	
Upper sash	1	889 x 711	35 x 28	12.7mm (1/2")
Lower sash	1	762 x 705	30 x 27-3/4	12.7mm (1/2")

5.6 Drainage:

Drainage Method	Size	Quantity	Location
Weepholes	1"x 1/4"	2	2-1/2" from edges on frame sill

5.7 Hardware:

Description	Qty	Location
Metal sweep locks (Vision Hardware; 3176)	2	6-1/2" from each side of operable sash
Vinyl tilt latch (Truth Hardware; 46-20-42-001/002)	2	Sash top rails
Pivot bar (Amesbury; 23410)	2	Bottom rail ends
Block and tackle balance (Amesbury;841)	2	One per jamb

5.0 Test Specimen Description: (Continued)

5.8 Reinforcement:

Drawing Number	Location	Material
ATW-146	Meeting rail	Aluminum alloy
ATW-145	Lock rail	Aluminum alloy

5.9 Screen Construction:

Frame Material	Corner Construction	Mesh Type	Mesh Attachment Method
Roll formed aluminum	Square cut and keyed	Fiberglass	Vinyl spline

6.0 Installation:

The specimen was installed into a 2" x 6" Spruce-Pine-Fir wood buck. The rough opening allowed for a 1/4" shim space. The exterior perimeter of the window was sealed with sealant.

Location	Anchor Description	Anchor Location
Exterior nail flange	1-5/8" Drywall screws	4" on center around perimeter

7.0 Test Results: The temperature during testing was 20°C (68°F). The results are tabulated as follows:

Test Specimen #1:

Title of Test	Results	Allowed	Note
Operating Force, per ASTM E 2068	Initiate motion: 116 N (26 lbf) Maintain motion: 111 N (25 lbf)	Report only 155 N (35 lbf) max.	
Air Leakage, Infiltration per ASTM E 283 at 75 Pa (1.57 psf)	0.2 L/s/m² (0.03 cfm/ft²)	1.5 L/s/m² (0.3 cfm/ft²) max.	1
Water Penetration, per ASTM E 547 at 260 Pa (5.43 psf)	Pass	No leakage	2
Uniform Load Deflection, per ASTM E 330 taken at meeting rail +1680 Pa (+35.11 psf) -1680 Pa (-35.11 psf)	Report only 10.5 mm (0.413") 12.9 mm (0.508")		3, 4, 5
Uniform Load Structural, per ASTM E 330 taken at meeting rail +2520 Pa (+52.66 psf) -2520 Pa (-52.66 psf)	 0.1 mm (0.001") 0.9 mm (0.034")	 3.56 mm (0.140") max. 3.56 mm (0.140") max.	3, 4, 5
Forced Entry Resistance, per ASTM F 588 Type: A - Grade: 10	Pass	No entry	
Thermoplastic Corner Weld	Meets as stated	Meets as stated	
Deglazing, per ASTM E 987 Operating direction, 320 N (70 lbf) Remaining direction, 230 N (50 lbf)	3.30 mm (0.13") 1.52 mm (0.06")	11.43 mm (0.45") 11.43 mm (0.45")	

7.0 Test Results: (Continued)

General Notes:

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

Note 2: With and without insect screen.

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

Note 4: Loads were held for 10 seconds.

Note 5: 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.

This report is reissued in the name of All Temp Windows through written authorization by Quanex Building Products to whom the original report was rendered. The original Quanex Building Products Report No. is D2912.01-550-44.

This report shall serve as the updated 93874.02-401-44 test report from Architectural Testing, Inc. As such this report serves as a *Gateway* for the following test report from Architectural Testing, Inc: B5909.01-401-44.

Architectural Testing will service this report for the entire test record retention period. Test records that are retained such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation will be retained by Architectural Testing, Inc. for the entire test record retention period.

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 specimen tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, Inc.

Ryan K Hedgepeth
Digitally Signed by: Ryan K. Hedgepeth

Ryan K. Hedgepeth, E.I.T.
Project Engineer

Digitally Signed by: Jose E. Colon

José E. Colón
Director – Regional Operations

RKH:jab

Attachments (pages): This report is complete only when all attachments listed are included.
- Appendix-A: Alteration Addendum (1)
- Appendix-B: Photographs (2)
- Appendix-C: Drawings (18)

Appendix A

Alteration Addendum

Note: *No alterations were required.*

Appendix B

Photographs

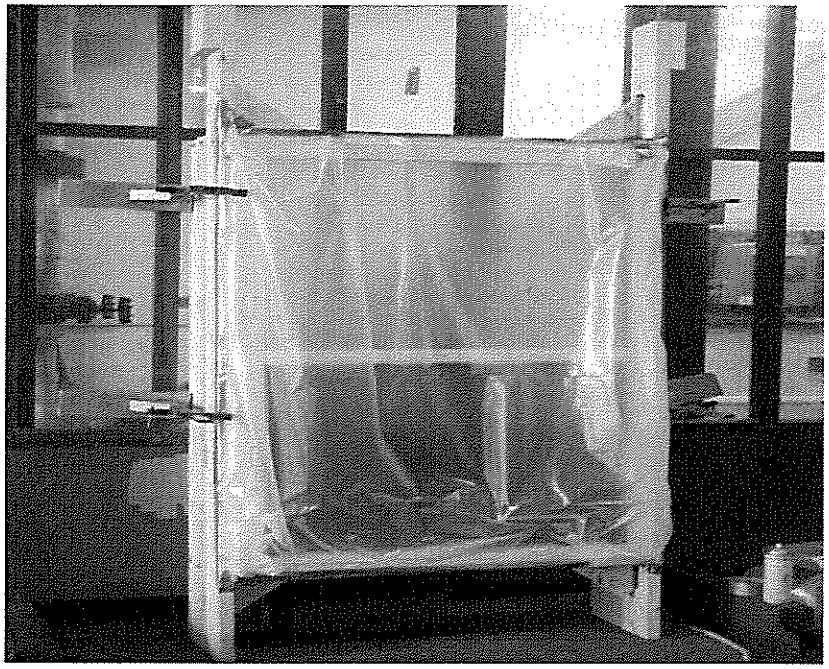


Photo No. 1
Unit During Air Infiltration

Photo No. 2
Unit During Water Infiltration

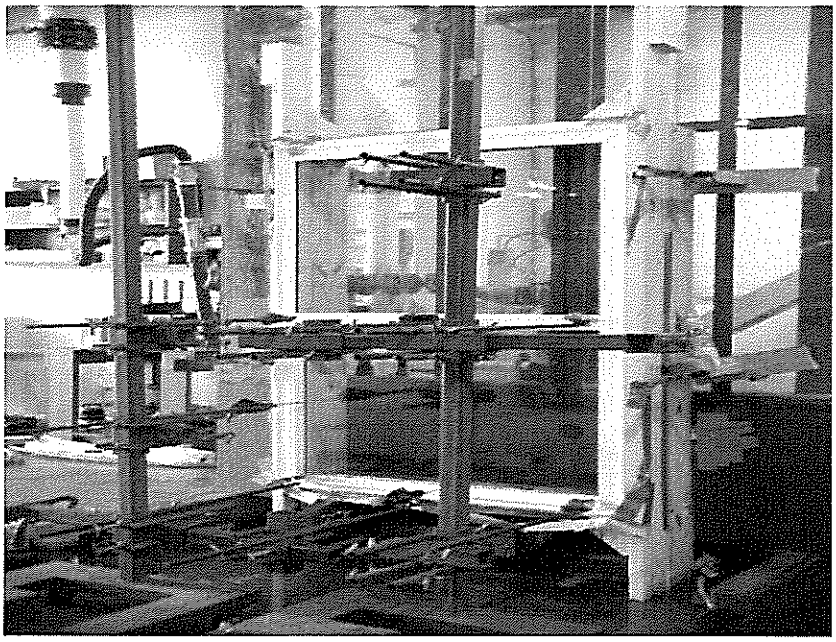


Photo No. 3
Unit During Uniform Static Load

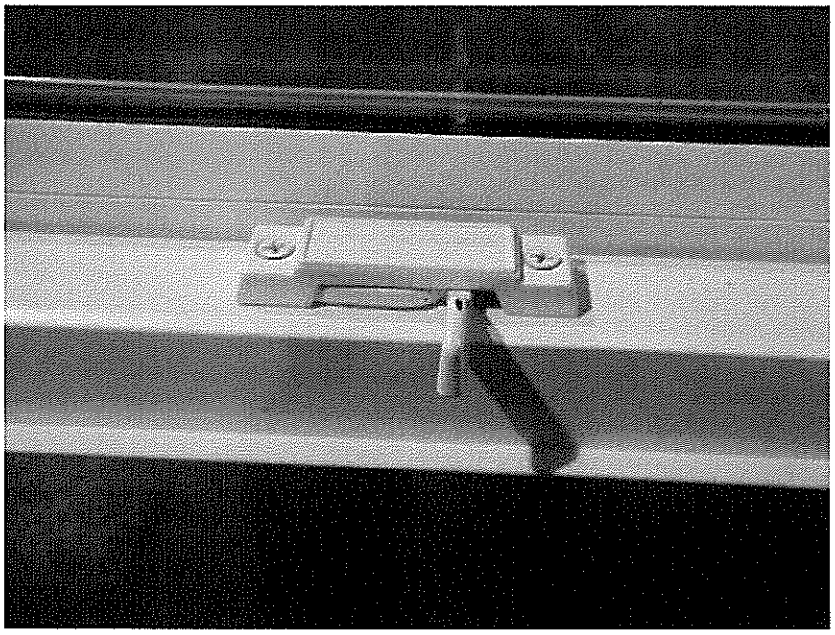


Photo No. 4
Sash Lock

Appendix C

Drawings

Note: *Complete drawings packet on file with Architectural Testing, Inc.*

Architectural Testing

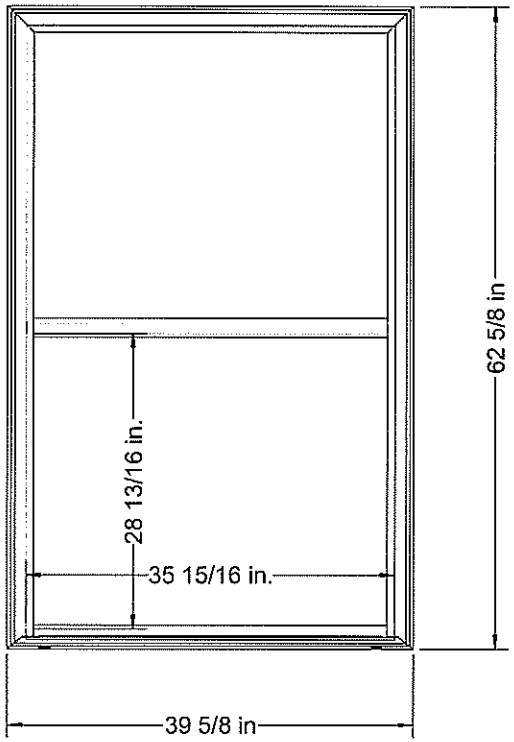
Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Lynn K Hafgotte

WOOD BUCK
2"X6" LUMBER

1 5/8 IN DRYWALL SCREWS
EVERY 4 IN ON CENTER
AROUND PERIMETER



SASH SIZE: 37 3/8 X 30 1/4
GLASS SIZE: 35 15/16 X 28 13/16
SCREEN SIZE: 35 3/4 X 29 3/4

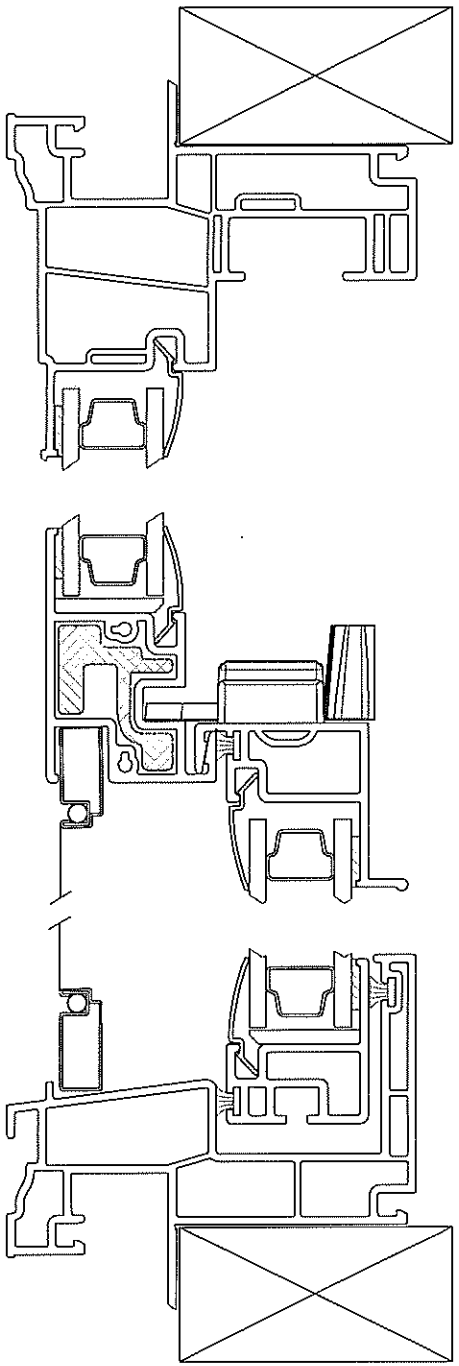
R - PG35

SILICONE: GE SC2300
SILGLAZE II

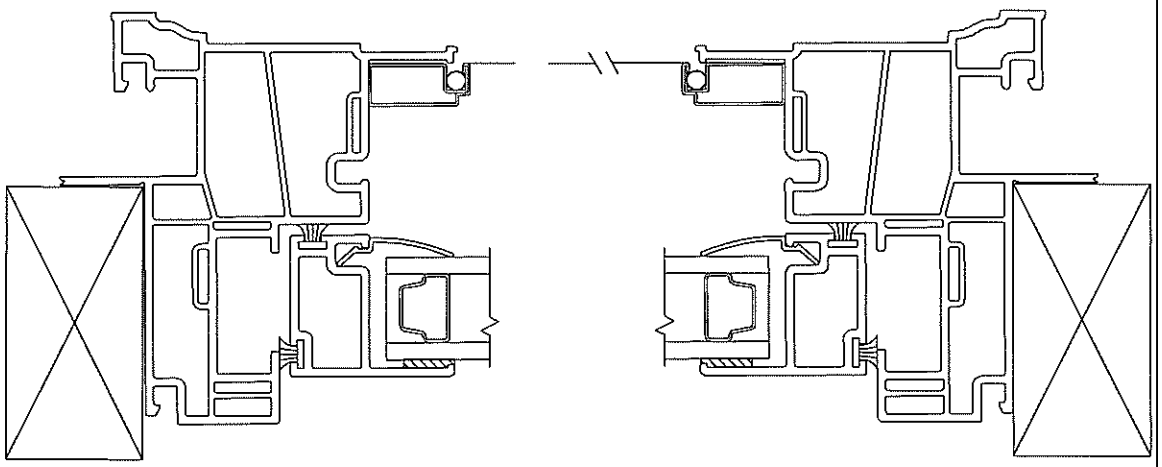
ALL TEMP WINDOWS
1800 SERIES SINGLE HUNG
GATEWAY R – PG35
SIZE 39 5/8 X 62 5/8

DRAWN
S.B.
DATE
12/1/2013
SCALE
1"=1'-0"
ALL TEMP WINDOWS
SHEET #
1 OF 2

ARCHITECT
CONTRACTOR



WOOD BUCK
2"X6" LUMBER



ALL TEMP WINDOWS
1800 SERIES SINGLE HUNG
R – PG35 SINGLE HUNG
VINYL WINDOWS

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Lynn K Hedgpeth

SILICONE: GE SC2300
SILGLAZE II

DRAWN
S.B.
DATE
12/1/2013
SCALE
1"=1'-0"
ALL TEMP WINDOWS
SHEET #
2 OF 2

ARCHITECT
CONTRACTOR

ALL WINDOWS TEMP

1800 SH - R-PG35-SH (Gateway) BOM

Mikron - 10481	SILL
Mikron - 8940	JAMB / HEAD
Mikron - 7615	MEETING RAIL
Mikron - 7106	LOCK RAIL
Mikron - 7110	BOTTOM RAIL
Mikron - 7111	STILE
Mikron - 6177	GLAZING BEAD
SEE BELOW → Amesbury Textile ~~- W23271NW0020~~	VINYL FELT
Truth - 46.20.42.002	RH TILT LATCH
Truth - 46.20.42.001	LH TILT LATCH
Vision - 3176	SWEEP LOCK
Merchants Fastener - 08DW16PBUGLECTCC	MEETING RAIL SCREWS
Merchants Fastener - 08A05POSZATWHT	LOCK SCREWS
Lamatek - 4Z400-00014	GLAZING TAPE
Frank Lowe - NEOGREEN 2RB-89-0.125-020-024	SET BLOCKS
Amesbury BSI - 23410	PIVOT PINS
Merchants Fastener - 06A03PP4H	PIVOT PIN SCREWS
Merchants Fastener - 08A04PPSZ	BALANCE SCREWS
Amesbury BSI - SERIES 841	BALANCES
PROFILE - ATW-146	METTING RAIL REINFORCEMENT
PROFILE - ATW-145	LOCK RAIL REINFORCEMENT
PPG - 2.5 MM	GLASS
TRUSEAL - DURALITE	SPACER
Hygrade - Part # DSSC516AW-01	White Alum Roll Formed Screen Frame
Hygrade - Part # DSSC516	External White Screen Corners
DAPA # A-800	Black Screen Spline
Hygrade Part # SP-21C-015-5M	Corner Leaf Springs
ASER Industrial	Black Fiberglass Mesh

Architectural Testing

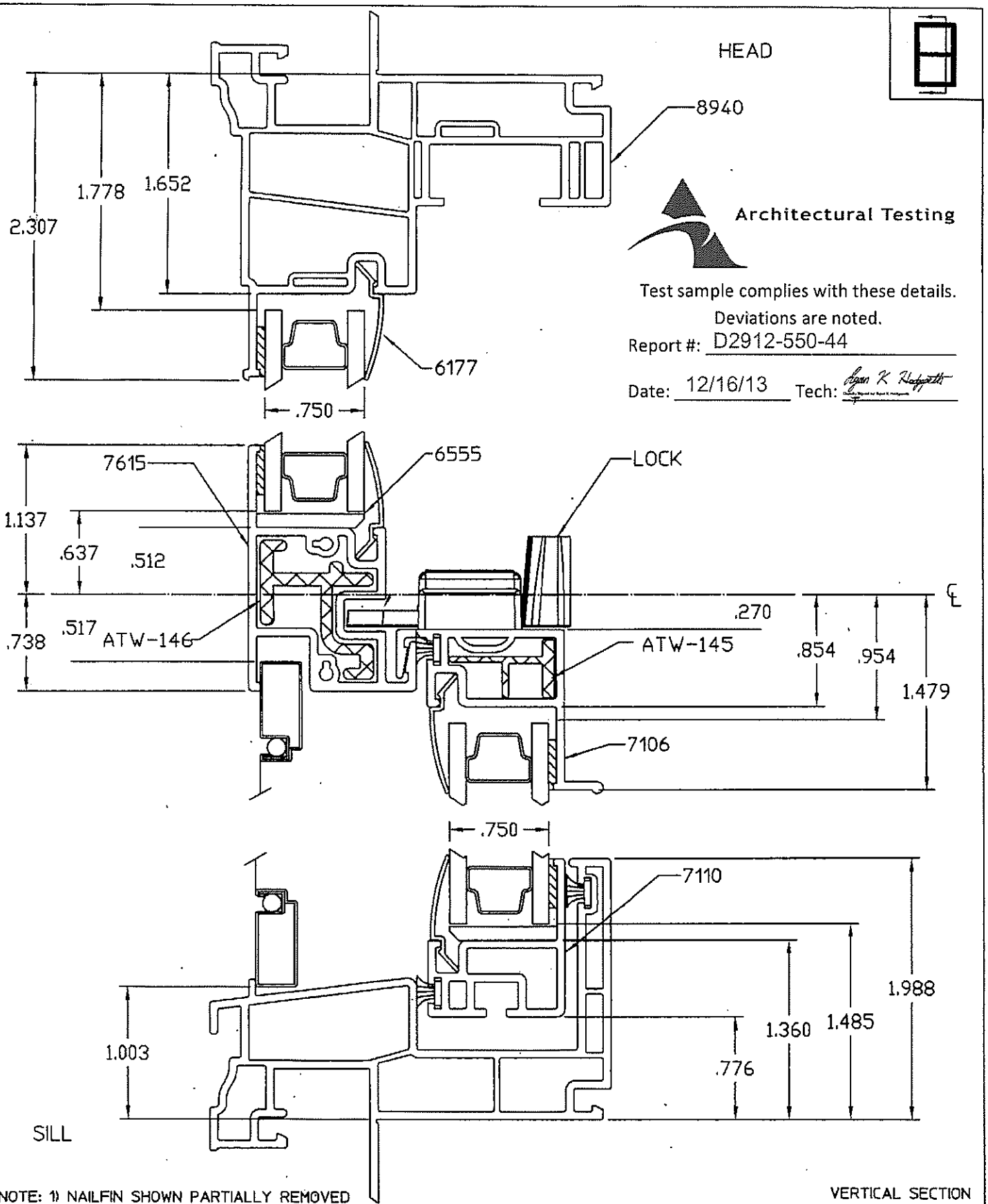
Test sample complies with these details.

Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Ryan K Hufgitt

AMESBURY TEXTILE WEATHERSTRIP IS
187MM WIDE X 270MM TALL.
PART #27018745WHG2



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Ryan K Hedgpeth

NOTE: 1) NAILFIN SHOWN PARTIALLY REMOVED

VERTICAL SECTION

MIKRON
Quality Extruded Products

SSTSH - DP35
1800 SERIES
DETAIL DRAWING

NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED			
DATE:	2/6/12	TYP. WALL:	
SCALE:	1:1	DESIGNED BY:	TTW
AREA:		DRAFTED BY:	WD
WT./FT.:		FILE NAME:	18022322
DWG. NAME:			180223.2.2

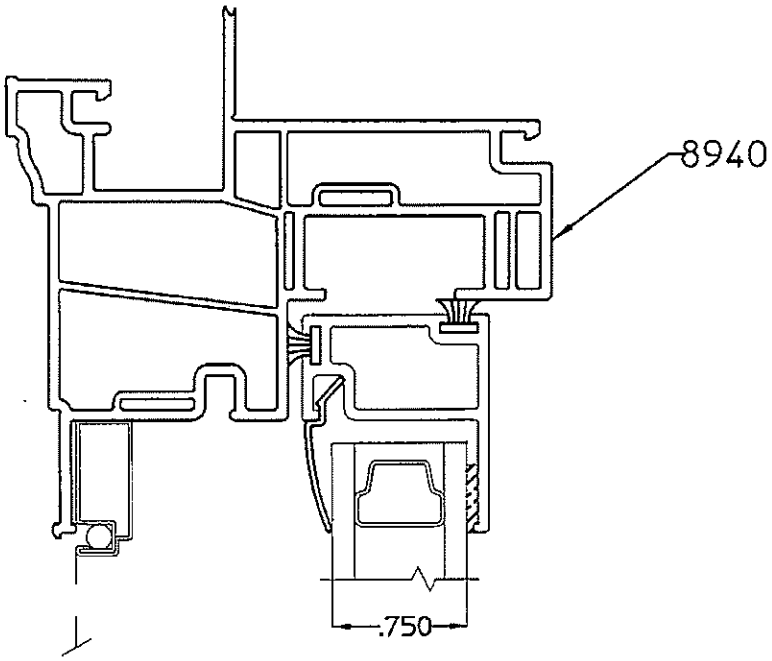
Architectural Testing

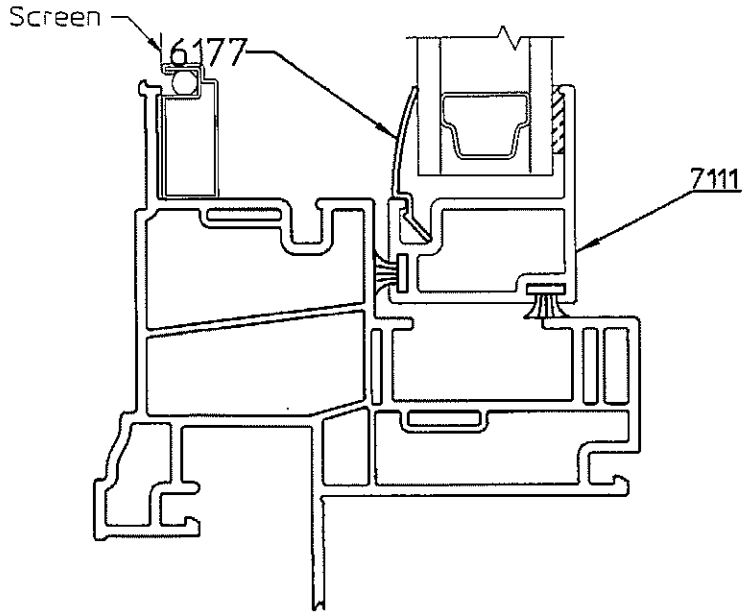
Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech:

JAMB

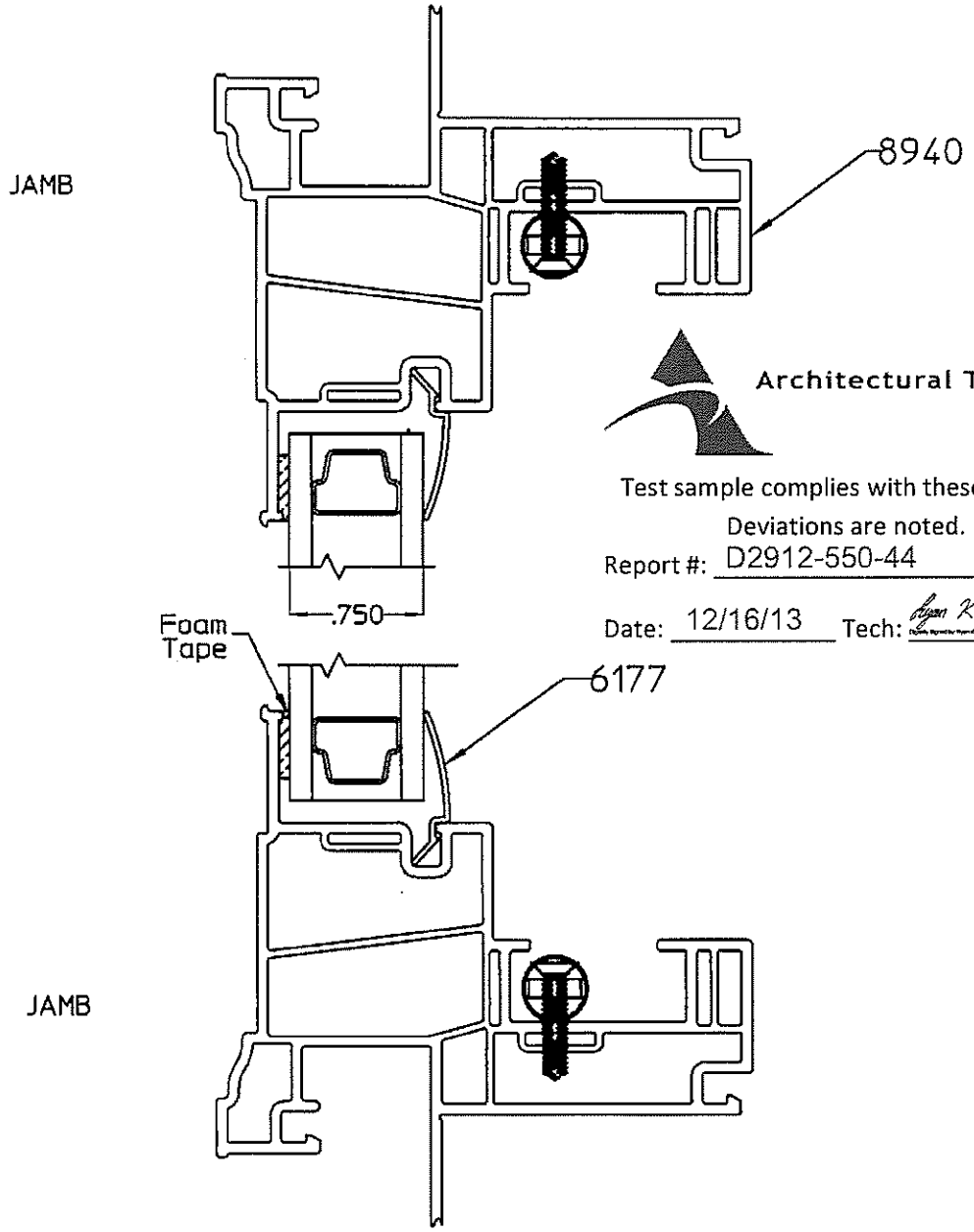




JAMB

HORIZONTAL SECTION

		This document contains confidential and proprietary information. Do not copy or disclose without consent of Mikron Ind. Inc. ©2003 Mikron Ind. Inc. All rights reserved.	NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED	
A	8940 Revision	2/19/09 TTW	DATE: 10/13/03	TYP. WALL:
			SCALE: 1:1	DESIGNED BY: TTW
MIKRON	SLOPED SILL TSH HORIZONTAL CROSS SECTION (VENT)		AREA:	DRAFTED BY: TTW
			WT./FT.:	FILE NAME: 180203.2.2
			DWG. NAME:	180203.2.2



Architectural Testing

Test sample complies with these details.

Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech:

HORIZONTAL SECTION

		This document contains confidential and proprietary information. Do not copy or disclose without consent of Mikron Ind. Inc. ©2003 Mikron Ind. Inc. All rights reserved.	NOTE: .05 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED	
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			SCALE: 1:1	DESIGNED BY: TTW
MIKRON	SLOPED SILL TSH HORIZONTAL CROSS SECTION (FIXED LITE)		AREA:	DRAFTED BY: TTW
			WT./FT.:	FILE NAME: 180203.2.1
			DWG. NAME:	180203.2.1

Architectural Testing

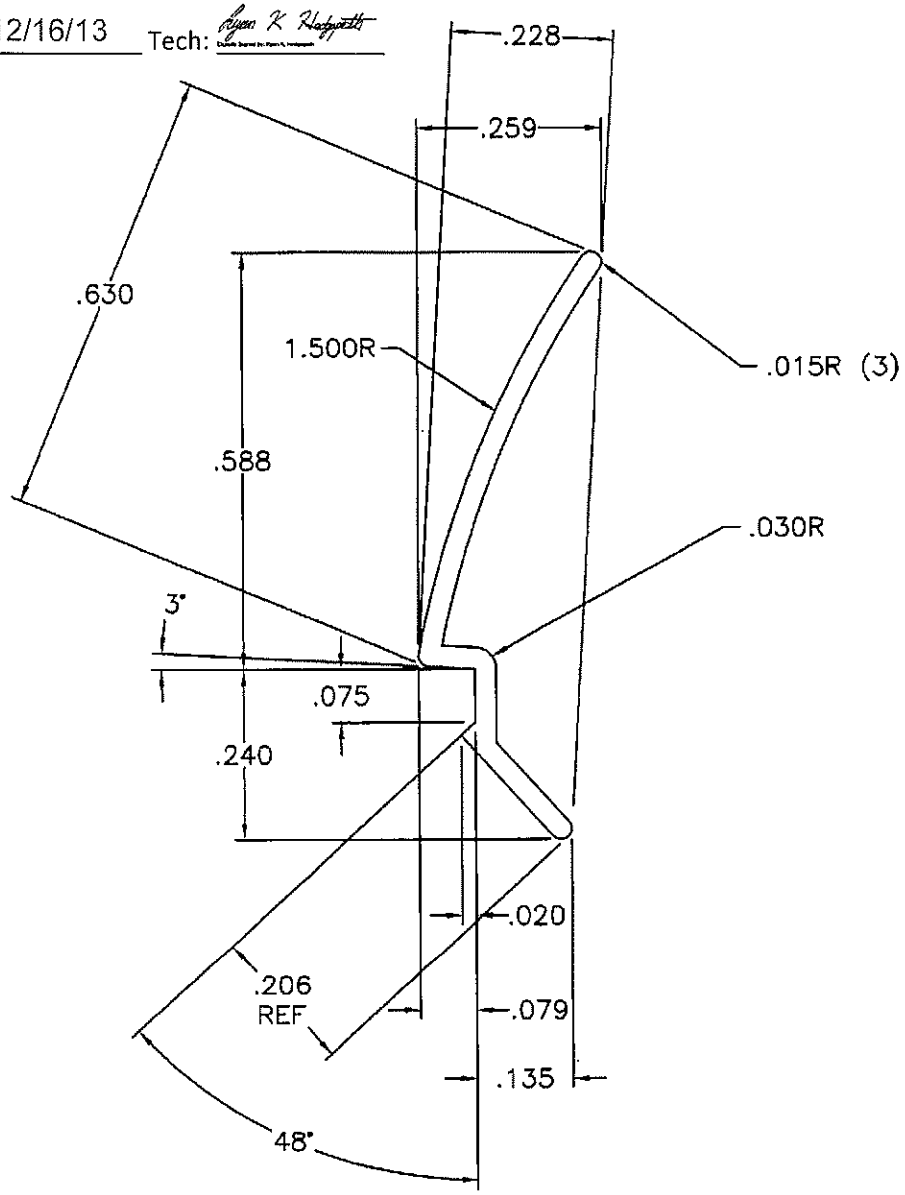
Test sample complies with these details.

Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Ryan K Hafpatti

ACTUAL SIZE
SCALE: 1=1



C	Revised title block/format 7/28/94 VB	
B	Changed wall thickness 5/10/93	
A	Dim. changes 9/24/93	

NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED

NOTE: 1) LURAN VERSION OF THIS DIE = 7774

GLAZING BEAD

MIKRON iND. iNC.

DIE DRAWING

SCALE: 4=1
AREA: .030
WT./FT.: .019

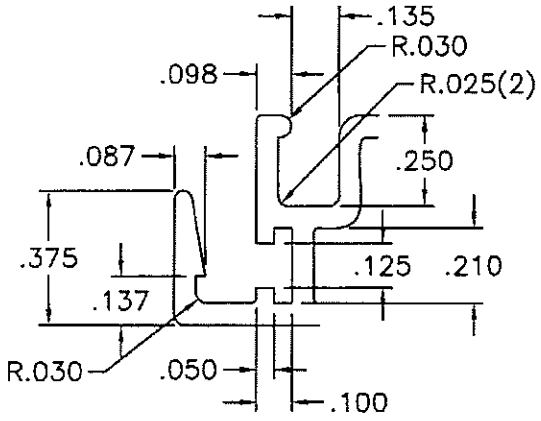
PART NO.: 6177
DATE: 8/25/92
TYP. WALL: .030
DRAFTED BY: MDL
DWG. NO.: 6177

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Ryan K Hedgpeth



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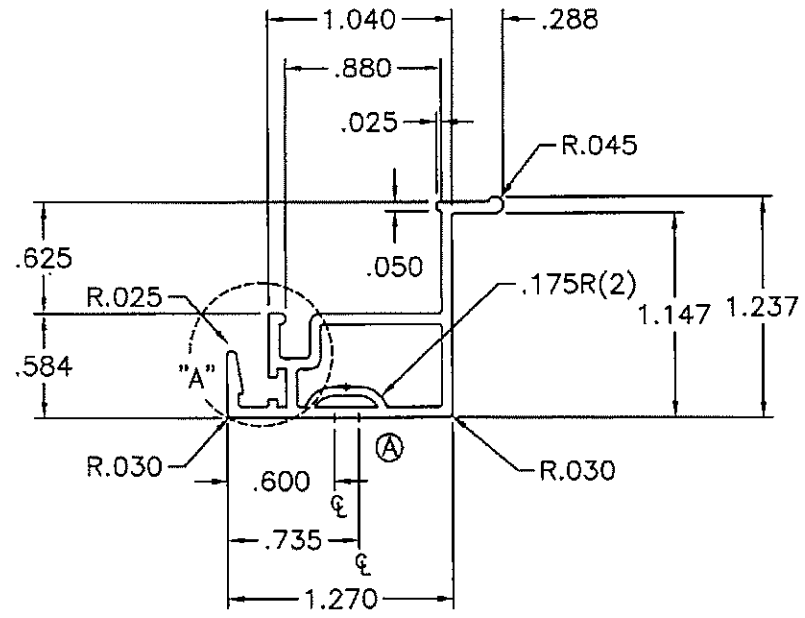
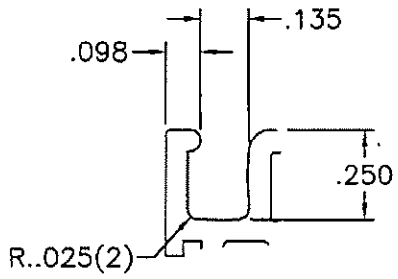
SCALE: 2=1



NOTE: * = .050 WALL
PART WITH O.A. DIM OF 1.285 = 7146

VENT INTERLOCK

A REV. SCREW BOSS 1/15/95 JF	MIKRON iND. iNC.	PART NO.: 7106
NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED		DATE: 11/29/94
	DIE DRAWING	SCALE: 1=1 TYP. WALL: .062 AREA: .324 DRAFTED BY: TAO WT.\FT.: .204 DWG. NO.: 7106



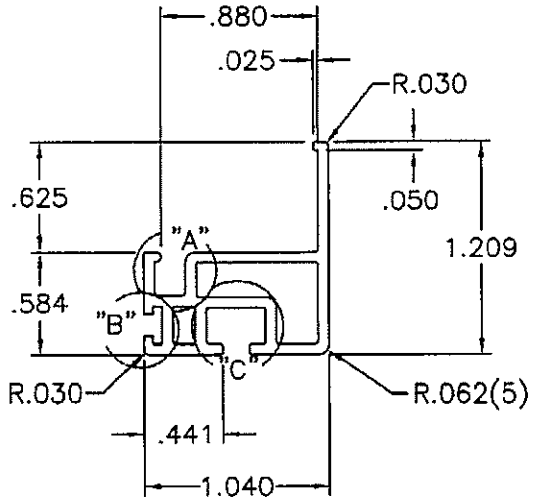
DETAIL "A"
SCALE: 2=1

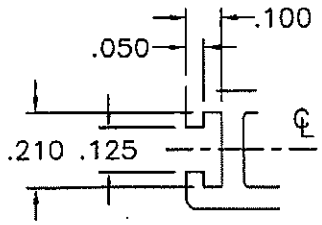
Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Lynn K Hedgpeth





DETAIL "B"
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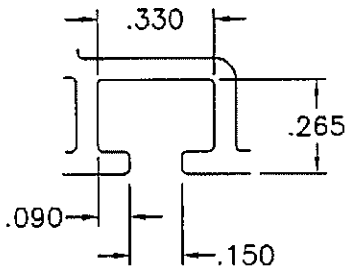
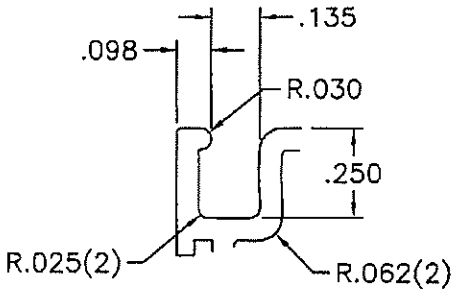


DETAIL "C"
SCALE: 2=1

PART WITH O.A. DIMS OF 1.035 X 1.215 = 7149

VENT RAIL

	MIKRON iND. iNC.	PART NO.: 7110
NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED		DATE: 11/30/94
	DIE DRAWING	SCALE: 1=1 TYP. WALL: .062 AREA: .289 DRAFTED BY: TAO WT.\FT.: .182 DWG. NO.: 7110



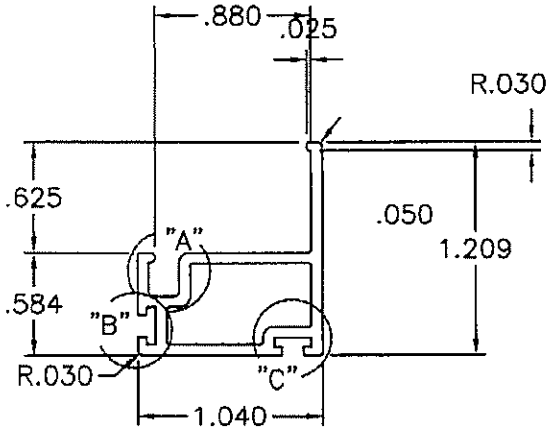
DETAIL "A"
SCALE: 2=1

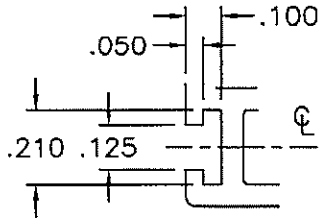
Architectural Testing

Test sample complies with these details.
Deviations are noted.

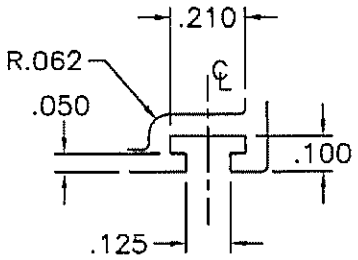
Report #: D2912-550-44

Date: 12/16/13 Tech:





DETAIL "B"
SCALE: 2=1

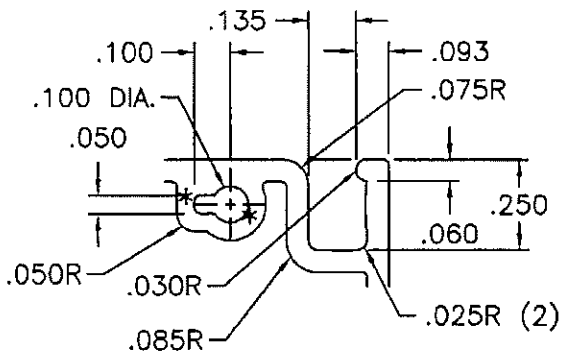


DETAIL "C"
SCALE: 2=1

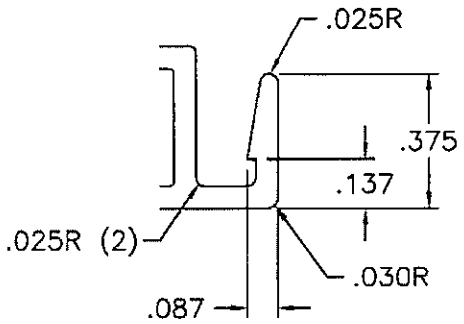
TILT SINGLE HUNG
VENT BAR

PART WITH O.A. DIMS OF 1.035 X 1.215 = 7150

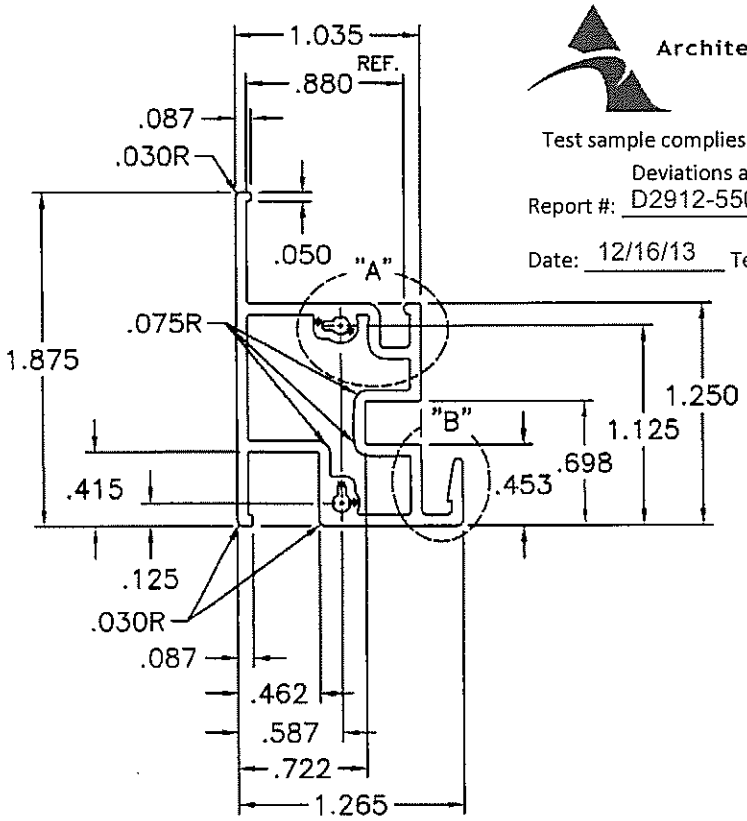
	MIKRON iND. iNC.	PART NO.: 7111
NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED		DATE: 11/30/94
	DIE DRAWING	SCALE: 1=1 TYP. WALL: .062 AREA: .256 DRAFTED BY: TAO WT.\FT.: .161 DWG. NO.: 7111



DETAIL "A"
SCALE: 2=1



DETAIL "B"
SCALE: 2=1



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

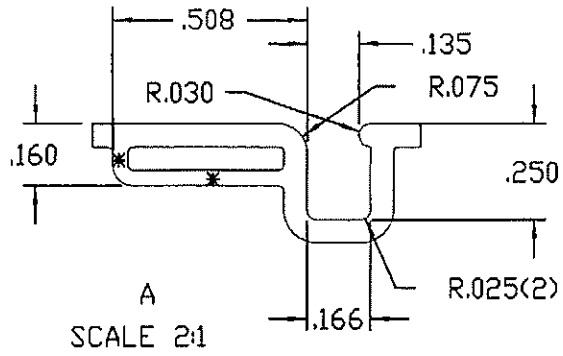
Date: 12/16/13 Tech: Lynn K. Ridgeway

NOTE: * = .050 WALL

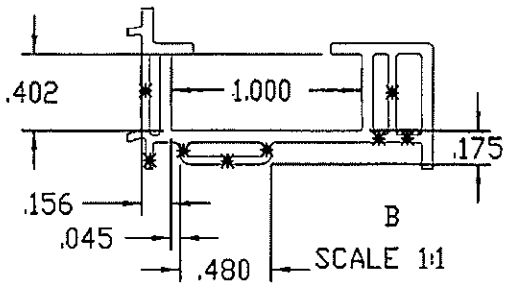
FIXED INTERLOCK

	MIKRON iND. iNC.	PART NO.: 7615
NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED		DATE: 8/20/97
	SCALE: 1=1	TYP. WALL: .062
	AREA: .465	DRAFTED BY: J.F.
	WT./FT.: .293	DWG. NO.:7615

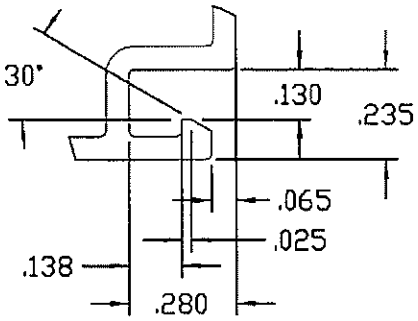
DIE DRAWING



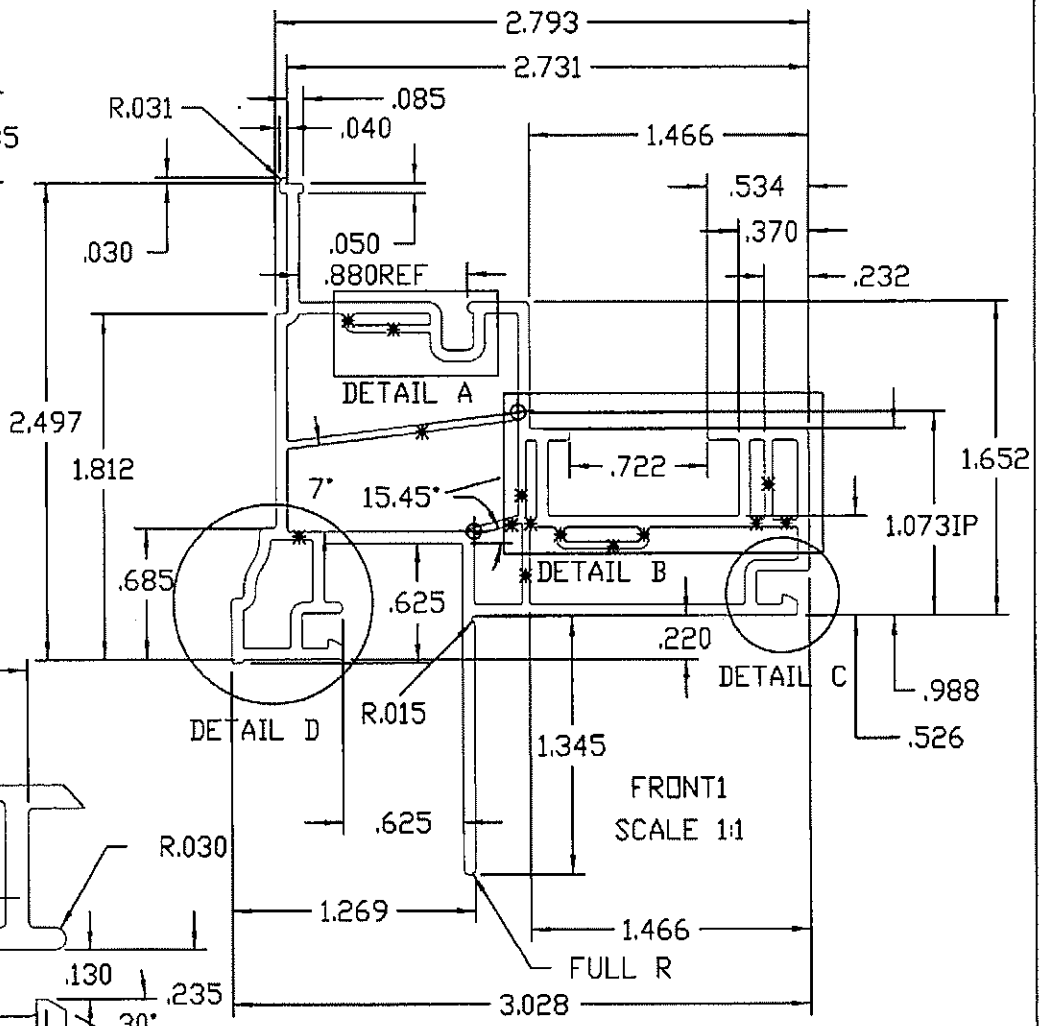
A
SCALE 2:1

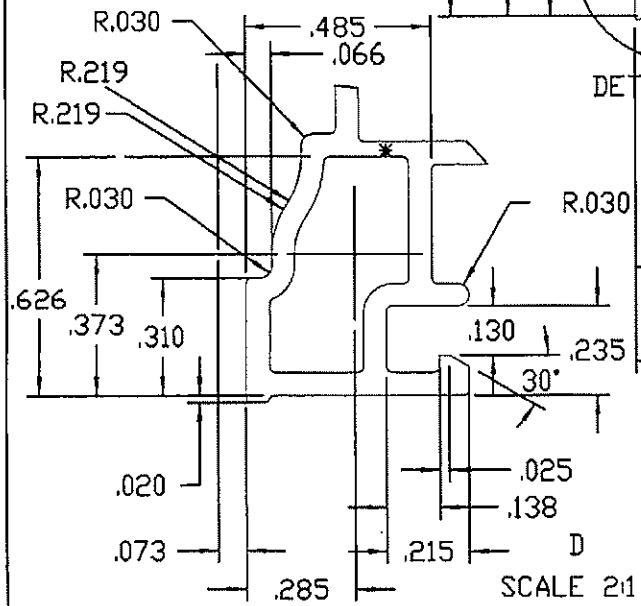


B
SCALE 1:1



C
SCALE 2:1





D
SCALE 2:1

NOTES: 1. IP = INTERSECTION POINT
2. * = .040 WALL THICKNESS
3. PART WITH OUT NAIL FIN: 9192

Architectural Testing

Test sample complies with these details.

Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Ryan K Hedgpeth

TSH FRAME

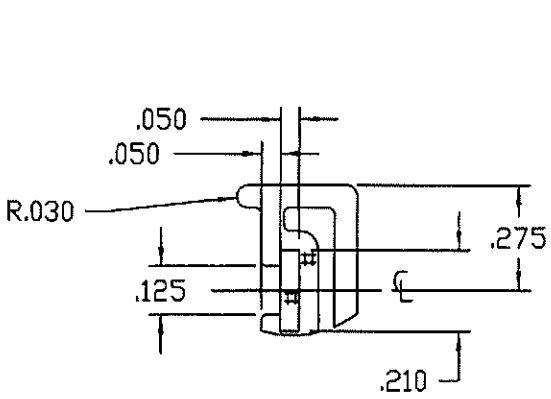
C	Added Bal Pocket Walls Area/WT/FT were 1.029/.648 1/23/09 TTV	
B	Added Fxd Ntg Rail Nub Area/WT/FT was 1.027/.647 1/16/04 TTV	
A	Added Non Fin part # 9192 Note 1/9/04 TTV	

NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED

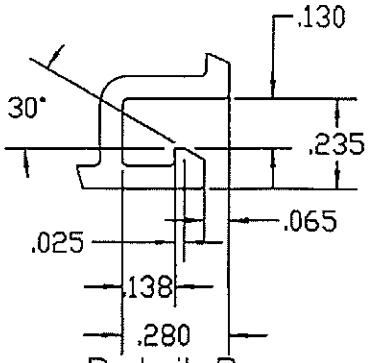
DATE:	7/11/03	TYP. WALL:	.060
SCALE:	1:1	DESIGNED BY:	TTW
AREA:	1.047	DRAFTED BY:	TTW
WT./FT.:	.660	FILE NAME:	8940
DWG. NAME:			8940

MIKRON
Quality Extruded Products

DIE DRAWING



Detail A
Scale 2:1



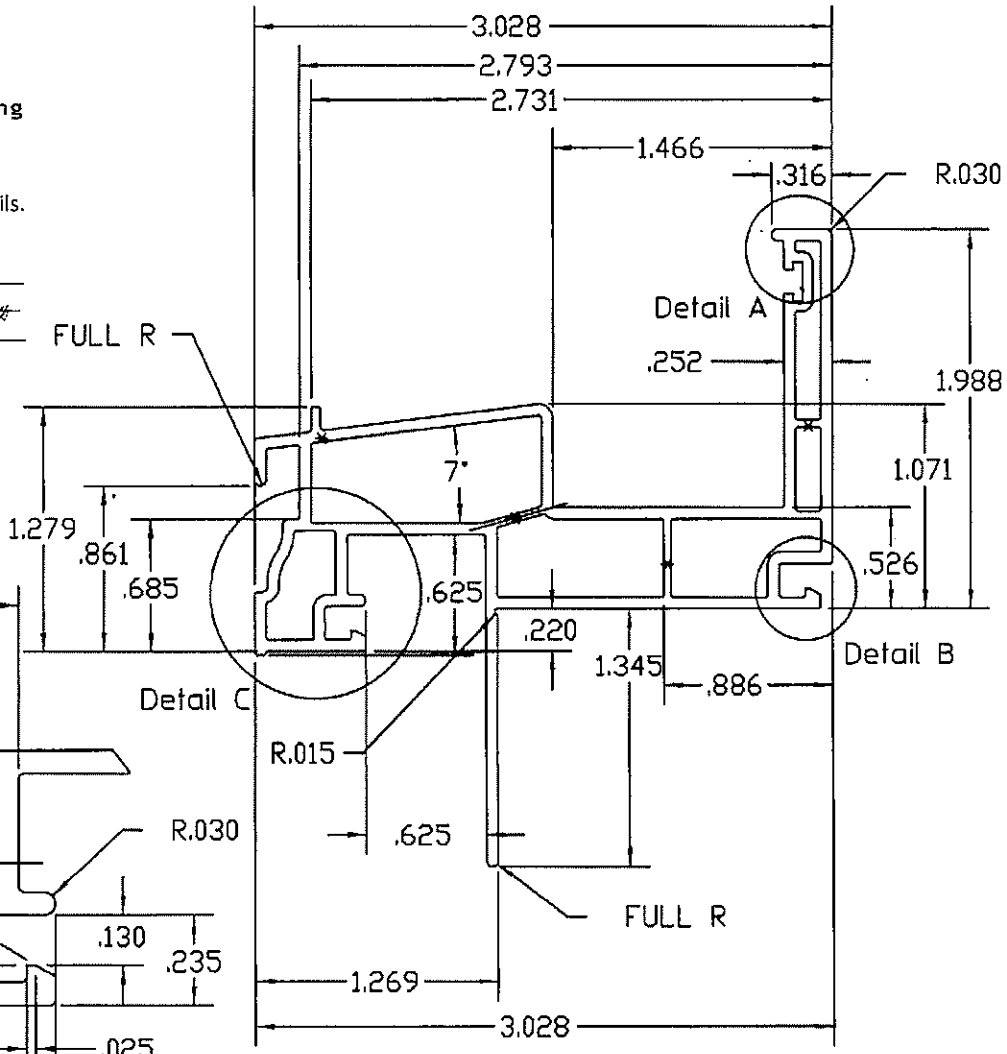
Detail B
Scale 2:1

Architectural Testing

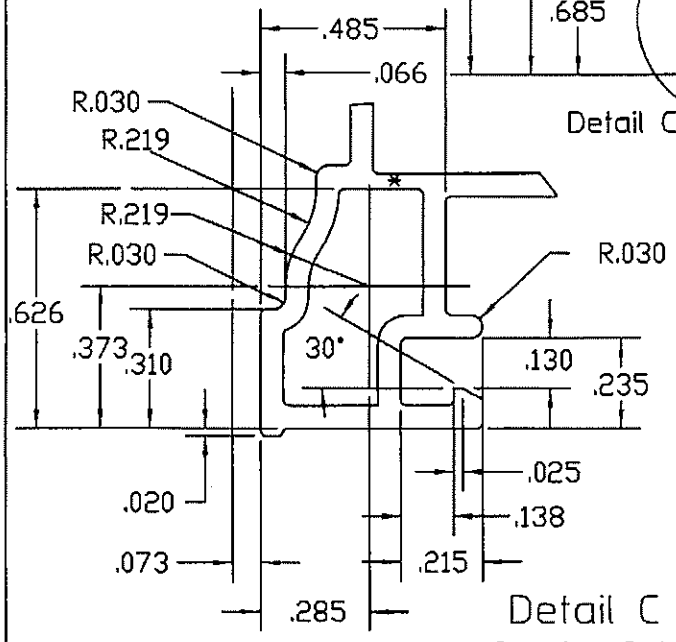
Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech:



front1
SCALE 1:1



Detail C
Scale 2:1

NOTES: 1. * = .040 WALL THICKNESS
2. ¤ = .050 WALL THICKNESS

SSTSH SILL

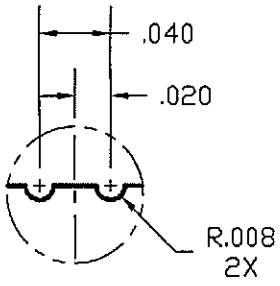
MIKRON
Quality Extruded Products

DIE DRAWING

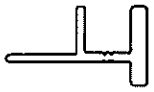
NOTE: .015 TYPICAL CORNER RADIUS UNLESS OTHERWISE SPECIFIED

DATE:	8/18/11	TYP. WALL:	.060
SCALE:	1:1	DESIGNED BY:	TTW
AREA:	.918	DRAFTED BY:	TTW
WT./FT.:	.578	FILE NAME:	10481
DWG. NAME:			10481

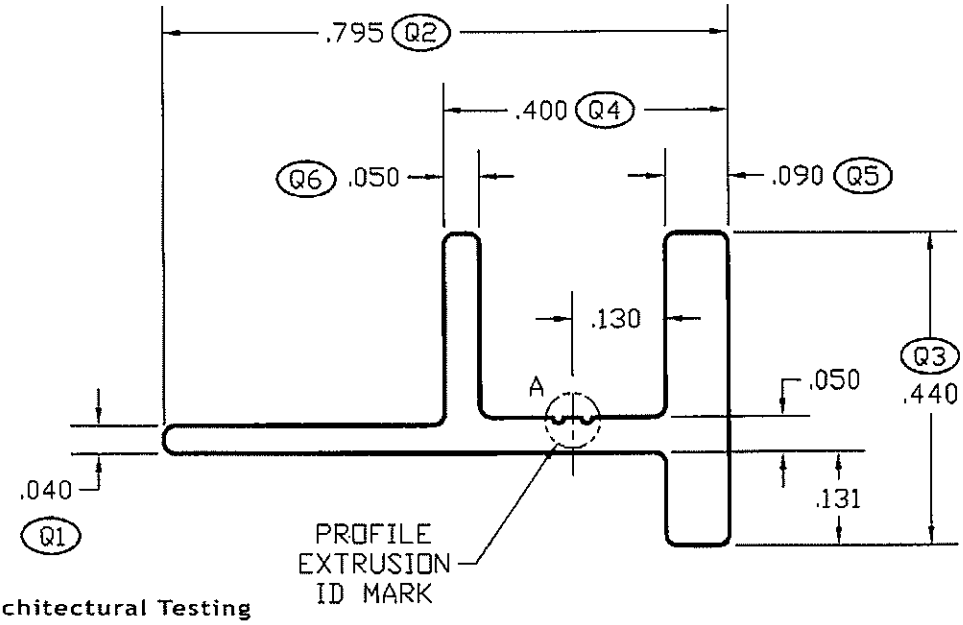
DETAIL A
SCALE 10:1



ACTUAL SIZE



NO EXPOSED SURFACES



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech: Ryan K Hudgeth

CUSTOMER DWG#: CW-3

UNLESS OTHERWISE SPECIFIED
TYP. WALL AS NOTED
BREAK SHARP CORNERS TO .016 R.

SECTION DATA			
ESTIMATED AREA	.083		SQ. IN.
ESTIMATED WT./FT.	.100		LBS.
ESTIMATED PERI.	2.924		IN.
FACTOR	29		
CIRCUM. CIR. DIA.	.545	TO 1.045	

REVISIONS	
A.	
B.	
C.	
D.	

APPROVED BY:

PROFILE EXTRUSION COMPANY
Rome, Georgia Plant

DESCRIPTION
SH SASH STIFFNER

ALUMINUM ASSOCIATION TOLERANCES APPLY TO ALL DIMENSIONS UNLESS OTHERWISE NOTED

DWN. BY	DATE	CHKD. BY
DEW	10-10-11	

SOLID [X] SEMI-HOLLOW [ ] HOLLOW CLASS [ ]

SCALE: 4:1

DATE:

JOB #: 08021101

ALLOY & TEMPER	6063-T5
CUSTOMER	ALL TEMP WINDOWS
DWG. NO.	ATW-145
DIE NO.	ATW-145

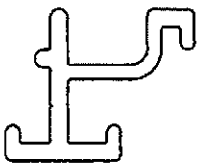
Architectural Testing

Test sample complies with these details.
Deviations are noted.

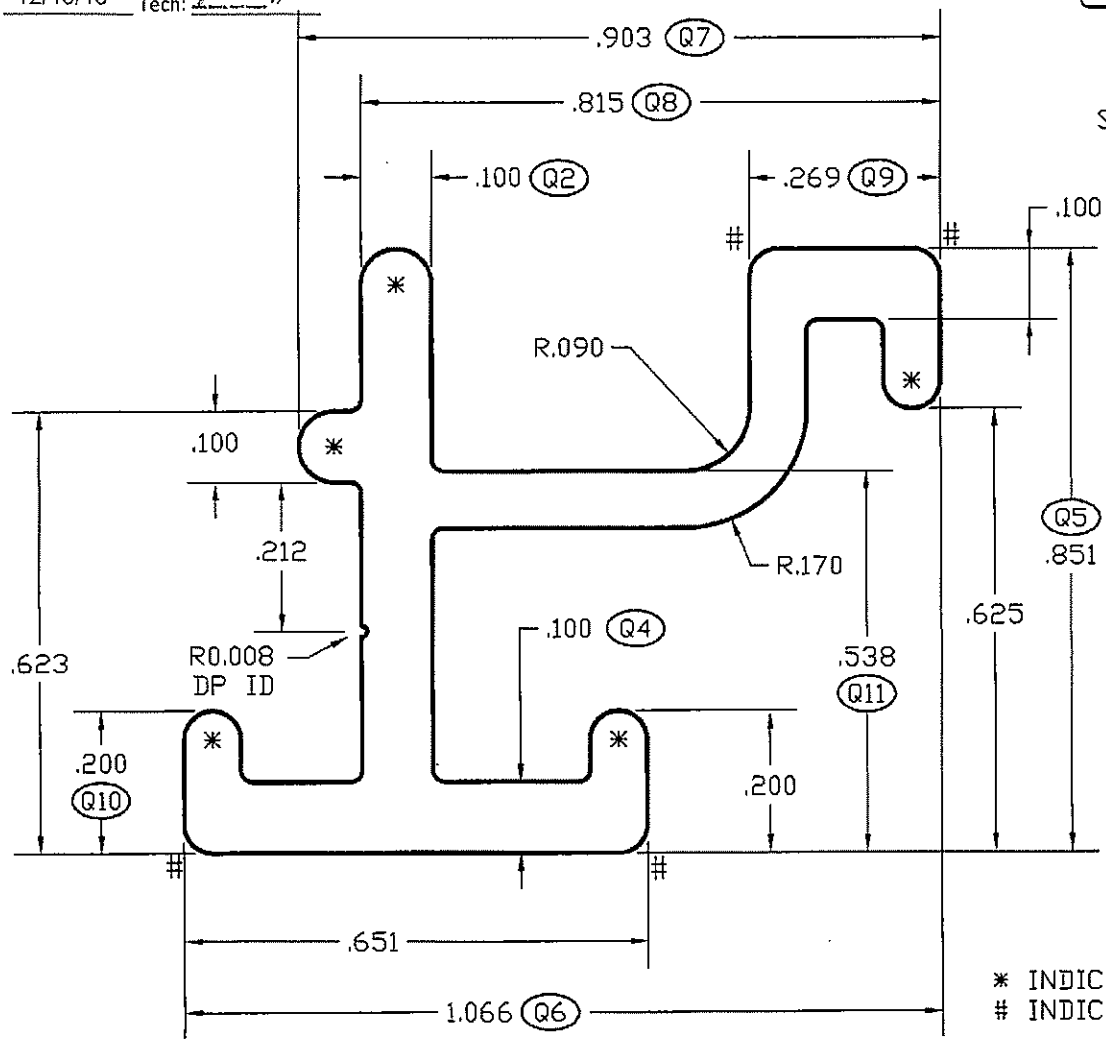
Report #: D2912-550-44

Date: 12/16/13 Tech:

ACTUAL SIZE



NO EXPOSED SURFACES



* INDICATES FULL R
\# INDICATES R0.040

Q1

UNLESS OTHERWISE SPECIFIED
TYP. WALL .080
BREAK SHARP CORNERS TO .016 R.

SECTION DATA			
ESTIMATED AREA	.251		SQ. IN.
ESTIMATED WT./FT.	.301		LBS.
ESTIMATED PERI.	5.459		IN.
FACTOR	18		
CIRCUM. CIR. DIA.	.816	TO	1.316

REVISIONS
A.
B.
C.
D.

APPROVED BY:

PROFILE EXTRUSION COMPANY
Rome, Georgia Plant

DESCRIPTION
SH FRAME MTR. STIFFNER

ALUMINUM ASSOCIATION TOLERANCES APPLY TO ALL DIMENSIONS UNLESS OTHERWISE NOTED

DWN. BY	DATE	CHKD. BY
DEW	10-10-11	

SOLID [X] SEMI-HOLLOW [ ] HOLLOW CLASS [ ]

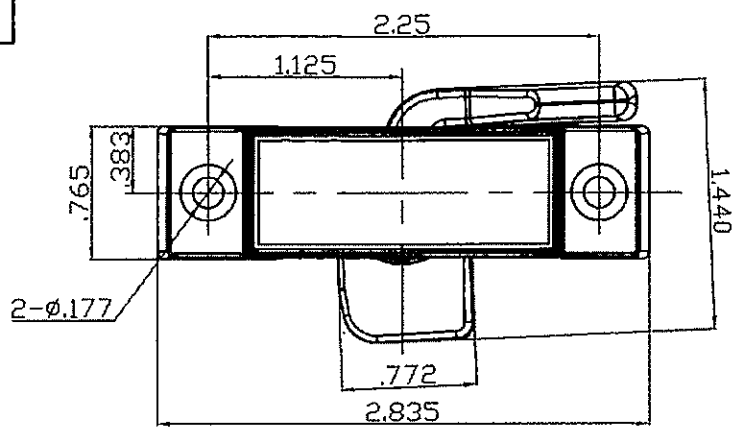
SCALE: 4:1

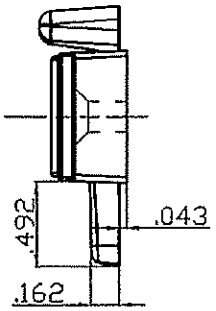
DATE:

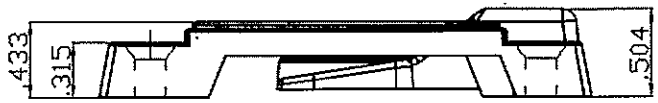
JOB #: 08021101

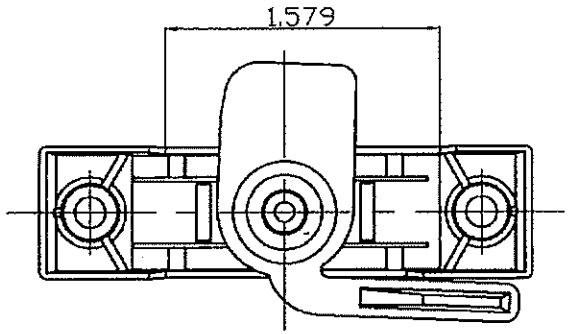
ALLOY & TEMPER	6063-T5
CUSTOMER	ALL TEMP WINDOWS
DWG. NO.	ATW-146
DIE NO.	ATW-146

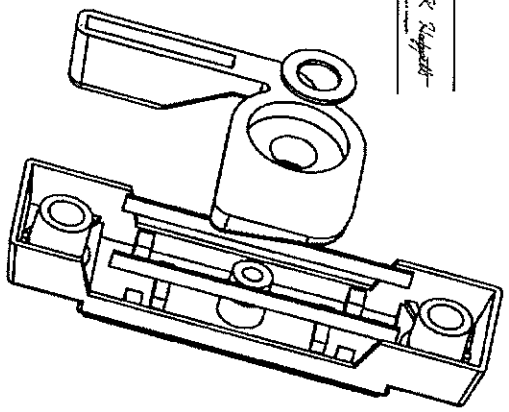
3176-00











Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report #: D2912-550-44

Date: 12/16/13 Tech:

REV	MARK	CHG	DESCRIPTION	BY	DATE
1.1					

1. Material .....
2. Unspecified Walls: .....in.
3. Unspecified Radii: .....in.
4. Tolerances:
   .xx - ± 06
   .xx - ± 03
   .xxx - ± 01
   .xxx - ± 005
   Angles ± .....1/2°

Vision

TITLE:

DIE NO.

PART NAME: ASSEMBLY

DESIGNER:	DRAWING NUMBER: 3176-00		
DRAWN BY: Ansy	SCALE	MATERIAL	DATE
APPROVED BY:	1:1		2011.10.12