

	Document Title: Structural Performance Certification Authorization Report	Doc No: FRM B1-02		
		Rev No: 7	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 757 - 129.0
Issue Date: 12/14/2015
Revision Date: 12/14/2015
Expiration Date: 11/30/2019
Company Code: 757

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review, and is based on a standardized evaluation of the product conducted by an independent accredited laboratory in accordance with the specified referenced standard. Actual fenestration product performance may vary based on many factors, including installation, condition of the wall/roof substrate and the age of the product and installation components.

This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at www.keystonecerts.com.


Licensee Information:	Product Information:
Pocahontas Aluminum Company, Inc. 2001 Industrial Drive PO Box 756 Pocahontas AR 72455	Model: 100 HS Aluminum Horizontal Slider XO Operator Type: HS Config: No Max Width: 62 Max Height: 53

Referenced Standard:	Product Rating:
AAMA 1701.1-12 / FMHC&S Std. 3280.403	Wind Zone I @ +25/-12.5 psf, 62x53 XO

Qualifying Test Information:	
Test Report No:	ATI-F3054.01-801-44
Test Report Expiration:	11/30/2019

Authorized Signature:

Keystone Certifications, Inc.
564 Old York Road, Suite 5
Etters, Pennsylvania 17319
Phone: 717-932-8500
Fax: 717-932-8501

	Document Title:	Doc No:	FRM B1-02	
	Structural Performance Certification Authorization Report	Rev No: 7	Page: 1	Of: 1
Required By: PRO B1-03				

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Licensee Information:	Product Information:
Pocahontas Aluminum Company, Inc. 2001 Industrial Drive PO Box 756 Pocahontas AR 72455	Model: 100 HS Aluminum Horizontal Slider XO Operator Type: HS Config: No Max Width: 46 Max Height: 27

Referenced Standard:	Product Rating:
AAMA 1701.1-12 / FMHC&S Std. 3280.403	Wind Zone III @ 48 psf, 46x27 XO

Qualifying Test Information:	
Test Report No:	ATI-F3054.01-801-44
Test Report Expiration:	11/30/2019

Authorized Signature:

Keystone Certifications, Inc.
 564 Old York Road, Suite 5
 Etters, Pennsylvania 17319
 Phone: 717-932-8500
 Fax: 717-932-8501



TEST REPORT

Report No.: F3054.01-801-44

Rendered to:

POCAHONTAS ALUMINUM COMPANY, INC.
Pocahontas, Arkansas

PRODUCT TYPE: Horizontal Slider
SERIES/MODEL: 100

SPECIFICATION:

AAMA 1701.2-02, Voluntary Standard for Utilization in Manufactured Housing for Primary Windows and Sliding Glass Doors.

Test Date: 11/14/15
Report Date: 11/30/15
Record Retention End Date: 11/14/19



1.0 Report Issued To: Pocahontas Aluminum Company, Inc.
2001 Industrial Drive P.O Box 756
Pocahontas, Arkansas 72455

2.0 Test Laboratory: Intertek-ATI
1909 10th Street Suite 100
Plano, Texas
(469) 814-0687

3.0 Project Summary:

3.1 Product Type: Aluminum Horizontal Slider

3.2 Series/Model: 100

3.3 Compliance Statement: Results obtained are tested values and were secured by using the designated test method(s). The sample tested successfully met the performance requirements listed in the referenced specification(s).

3.4 Test Date: 11/14/2015

3.5 Test Record Retention End Date: All test records for this report will be retained until November 14, 2019.

3.6 Test Location: Intertek-ATI testing facility in Plano, Texas.

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

3.8 List of Official Observers:

<u>Name</u>	<u>Company</u>
Clint Barnett	Architectural Testing, Inc.
Ken Akins	Pocahontas Aluminum Company

4.0 Test Specification(s):

AAMA 1701.2-02, Voluntary Standard for Utilization in Manufactured Housing for Primary Windows and Sliding Glass Doors.

5.0 Test Specimen Description:

5.1 Product Sizes:

Test Specimen #1

Overall Area: 2.1 m ² (23 ft ²)	Width		Height	
	millimeters	inches	millimeters	inches
Overall size	1575	62	1346	53
Sash	794	31-1/4	1327	52-1/4
Screen	787	31	1321	52

Test Specimen #2

Overall Area: 0.84 m ² (9 ft ²)	Width		Height	
	millimeters	inches	millimeters	inches
Overall size	1168	46	686	27
Sash	591	23-1/4	629	24-3/4
Screen	578	22-3/4	660	26

5.0 Test Specimen Description: (Continued)

5.2 Frame Construction:

Frame Member	Material	Description
All members	Mill finish aluminum	Extruded

	Joinery Type	Detail
Frame corners	Coped and butted	Coped, butted, sealed, and fastened using one #6 x 1" Phillips pan head screw
Fixed interlock	Coped and butted	Fastened to each jamb using one #6 x 1/2" pan head screw

5.3 Sash Construction:

Sash Member	Material	Description
All members	Mill finish aluminum	Extruded

	Joinery Type	Detail
All corners	Coped and butted	Coped, butted, sealed, and fastened using one #6 x 1" Phillips pan head screw

5.0 Test Specimen Description: (Continued)

5.4 Weatherstripping:

Description	Quantity	Location
0.187" x 0.270" pile with fin	2 rows	Exterior face of stiles
0.100" x 0.152" vinyl fin	1 row	Sash top rail, inside of interlock
0.100" x 0.375" vinyl bulb	1 row	Sash stile

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

Glass Type	Glazing	Glazing Method
Monolithic	3/32 Annealed	Interior Wet Glazed

Location	Quantity	Daylight Opening		Glass Bite
		millimeters	inches	
Sash Specimen # 1	1	749 x 1295	29-1/2 x 51	0.50
Fixed lite Specimen# 1	1	749 x 1295	29-1/2 x 51	0.50
Sash Specimen # 2	1	546 x 629	21-1/2 x 24-3/4	0.50
Fixed lite Specimen# 2	1	546 x 629	21-1/2 x 24-3/4	0.50

5.6 Drainage:

Drainage Method	Size	Quantity	Location
Weep notch	3/16" x 1-5/8"	2	Exterior sill leg, 7/8" on center spacing from outside edge of jambs.

5.7 Hardware:

Description	Quantity	Location
Spring latches	1	Center Sash

6.0 Installation:

The specimen was installed into a Spruce-Pine-Fir wood buck. The rough opening allowed for a 1/4" shim space.

Location	Anchor Description	Anchor Location
Nailing flange	#6 x 1-5/8" screw	4" from each corner and 8" on center thereafter

7.0 Test Results: The temperature during testing was 27°C (70°F). The results are tabulated as follows:

Test Specimen #1 62 x 53

Title of Test	Results	Allowed	Note
Structural Performance, per ASTM E 330 +1190 Pa (+25.0 psf) -595 Pa (-12.5 psf)	Pass	No damage	2, 3
Air Leakage, per ASTM E 283 at 75 Pa (1.57 psf)	2.5 L/s/m ² (0.50 cfm/ft ²)	2.5 L/s/m ² (0.5 cfm/ft ²) max.	
Water Penetration, per ASTM E 547 at 140 Pa (2.92 psf)	Pass	No leakage	1

Test Specimen #2 46 x 27

Title of Test	Results	Allowed	Note
Optional Performance (24 CFR 3280.305(c))			
Uniform Load Structural, per ASTM E 330 +2298 Pa (+48.00 psf) -2298 Pa (-48.00 psf)	Pass	No damage	2, 3

Note 1: With and without insect screen.

Note 2: Loads were held for 10 seconds.

Note 3: 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.

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

For ARCHITECTURAL TESTING, Inc.

Clint Barnett
Technician

Andy Cost
Laboratory Manager

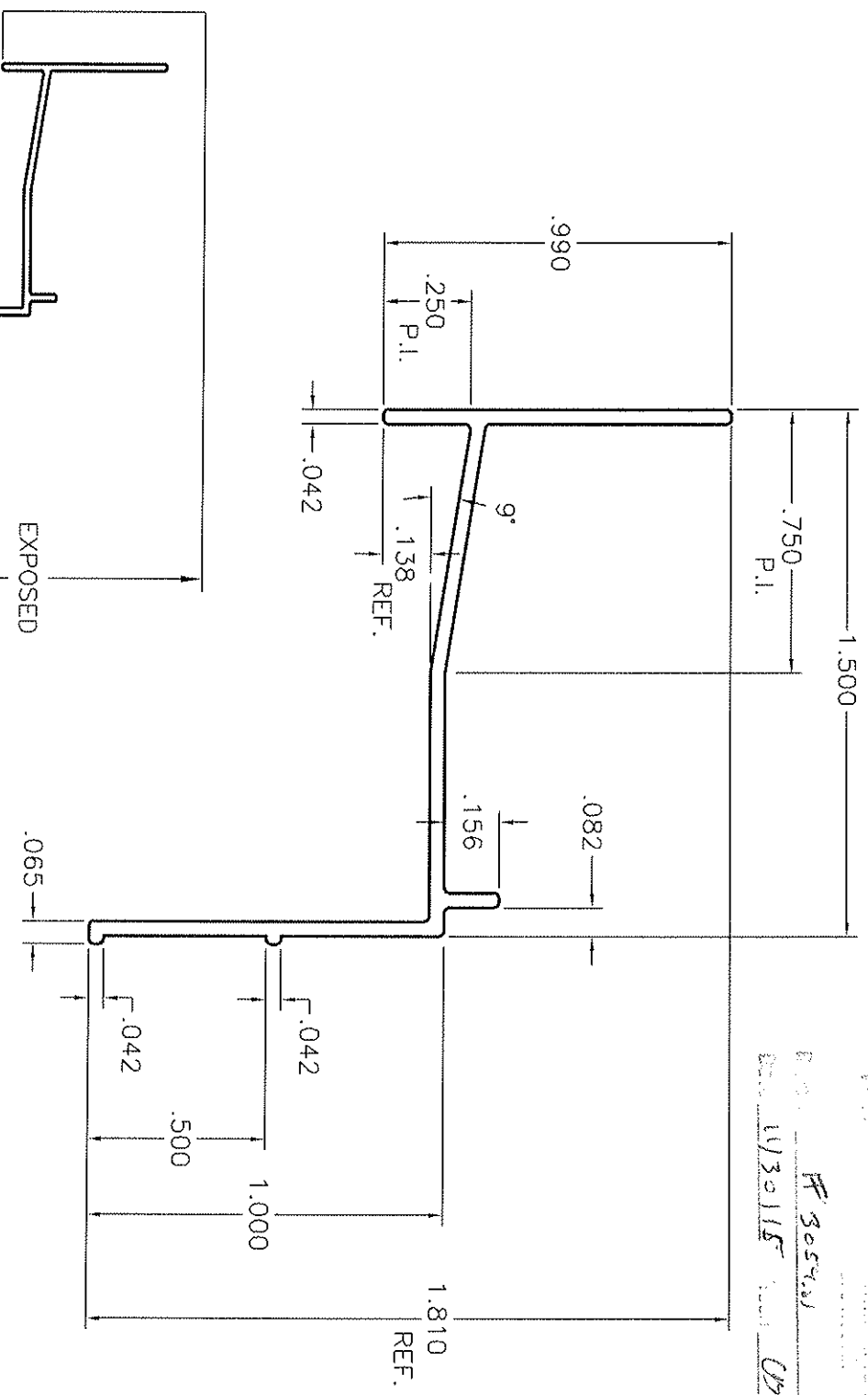
CB:ac

Attachments (pages): This report is complete only when all attachments listed are included.
Appendix-A: Drawing(s) (9) Complete drawings packet on file with Architectural Testing, Inc.

APPENDIX A

Drawings

ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .042 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS 0.016 R



DATE: 11/30/15
 BY: [Signature]

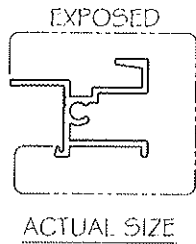
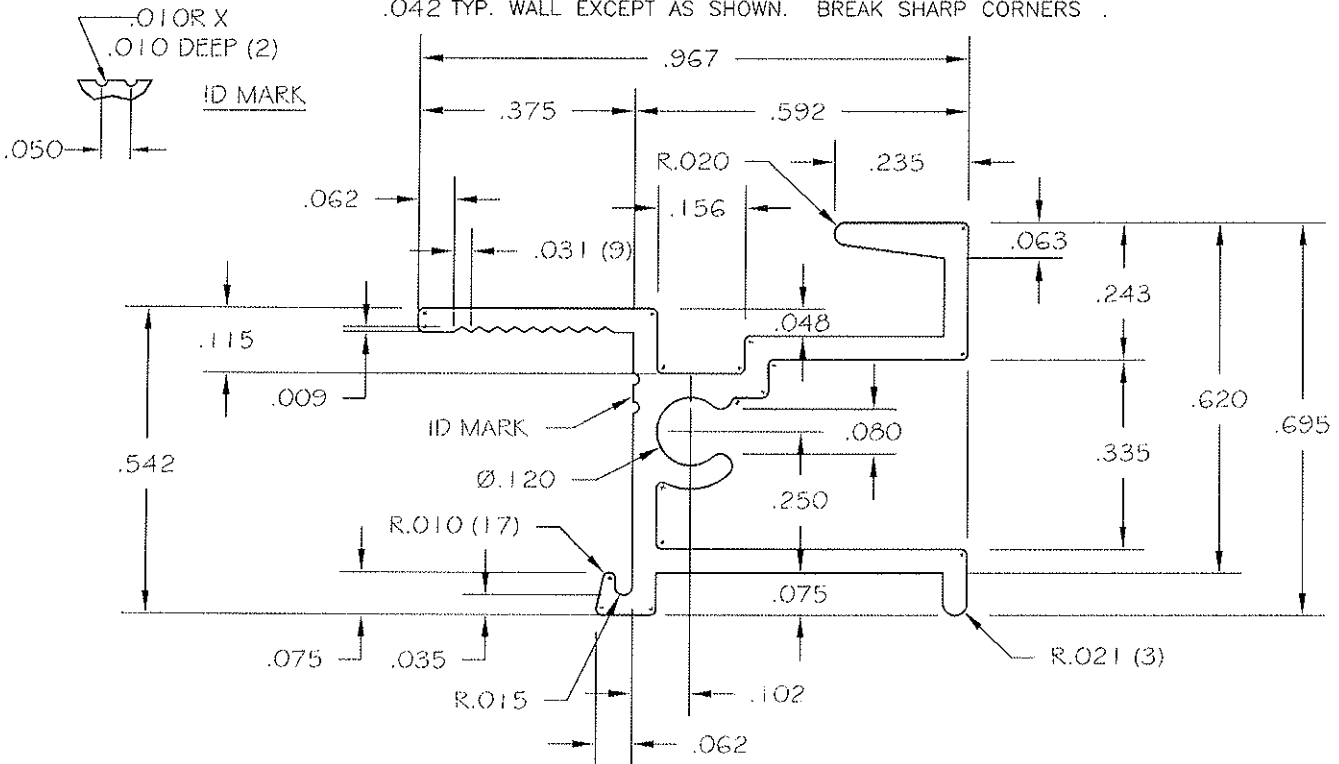
ACTUAL SIZE

MINIMUM 10 WEBSTER

<input checked="" type="checkbox"/> 3003 H14 <input type="checkbox"/> 6063 T6 <input type="checkbox"/> 6061 T6		<input type="checkbox"/> 6063 T6 <input type="checkbox"/> 6061 T6		<input type="checkbox"/> 6063 T6 <input type="checkbox"/> 6061 T6	
W/T	W/T	W/T	W/T	W/T	W/T
1.81	1.81	2.4	2.4	2.4	2.4
7.200	7.200	7.200	7.200	7.200	7.200
JORDAN P.O. BOX 18377 MEMPHIS, TN, 38118 PHONE (901) 363-2121		POCAHONTAS ALUMINUM SILL FLUSH MOUNT P.C. CAS S-1-02 S-2734			

ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .042 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS

DIE NO. 5-3606 REV.

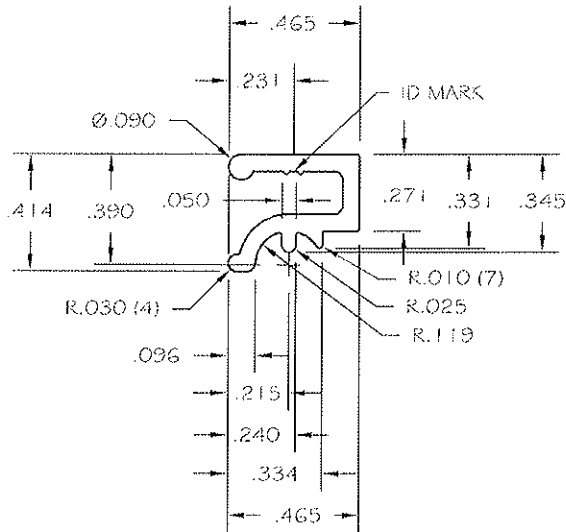
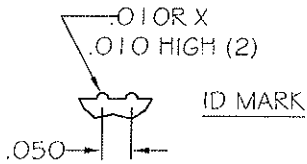


REVISIONS	JORDAN			P.O. BOX 752268 MEMPHIS, TN, 38175-2268 PHONE (800) 833-4590 PHONE (901) 866-2665 FAX (901) 363-8226		
				CUSTOMER POCAHONTAS ALUMINUM		
				PART NO.		
				END USE FIXED MEETING BAR		
AREA .118 SQ. IN.		ALLOY 6063T6		SCALE 4:1		DATE 6/18/2010
WT/FT .142 LBS.		C.C.D. 1.4		DWN BY DLB		
PERM 5.581 IN.		CAVITY SIZE		DWG. NO. 10061601 POCAHONTAS - FMR		
OUTSIDE PERM		HI. CAVITY AREA		SQ. IN.		DIE NO. 5-3606

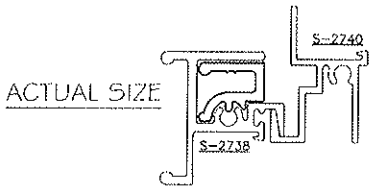
APPROVED FOR MANUFACTURING
 F3054.01
 11/30/15

ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .060 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS .010R

DIE NO. S-3254 REV.



THIS PART MUST SLIDE FIT WITH S-2738 IN 3 FT LENGTHS



R E V I S I O N S			P.O. BOX 18377		
			MEMPHIS, TN, 38118		
			PHONE (901) 363-2121		
			CUSTOMER POCAHONTAS		
<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI HOLLOW <input type="checkbox"/> HOLLOW CLASS			PART NO.		
AREA .077 SQ. IN.		ALLOY 6063T6		D/D USE SASH TOP RAIL REINFORCEMENT	
WT/FT .092 LBS.		C.C.D. 0.6		SCALE 2:1	DNW BY DLB DATE 1/2-4/2008
PERM 2.573 IN.		C.VITY SIZE		DWG. NO. 08012401 POCAHONTAS	
OUTSIDE PERM		IN. C.VITY AREA		SQ. IN.	
				DIE NO. S-3254	

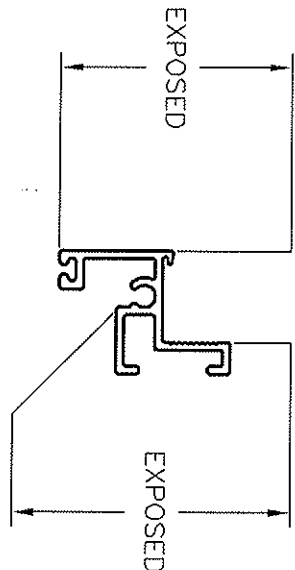
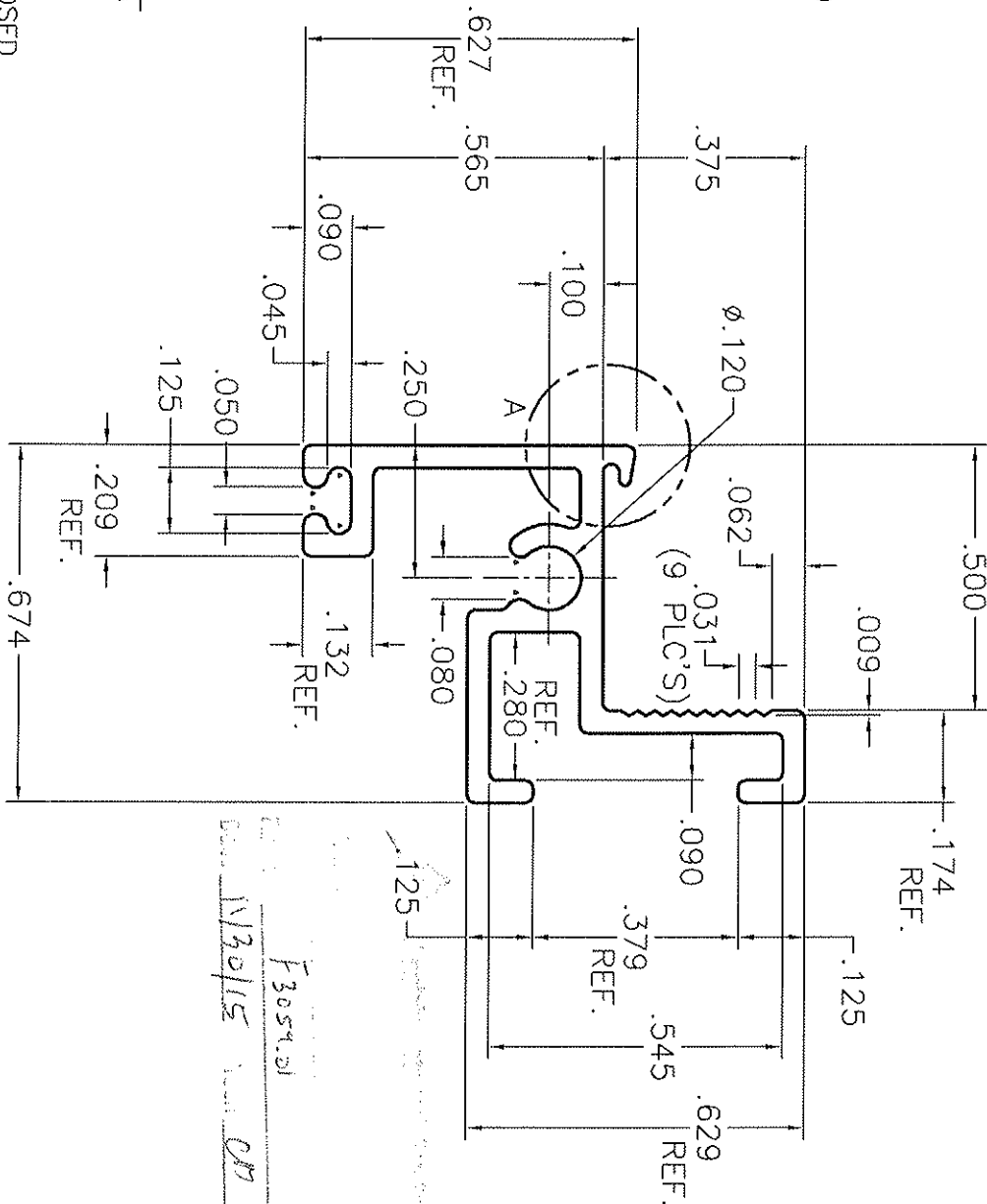
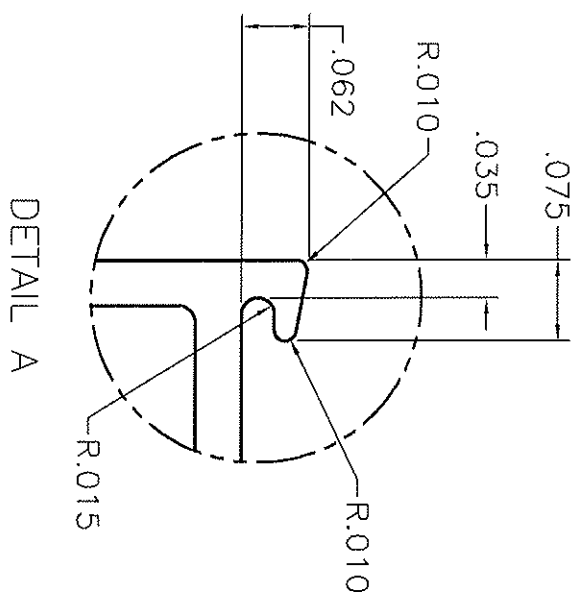
Architectural drawing

F3054.01

11/30/15

ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .042 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS 0.016 R

NO. S-2736



ACTUAL SIZE

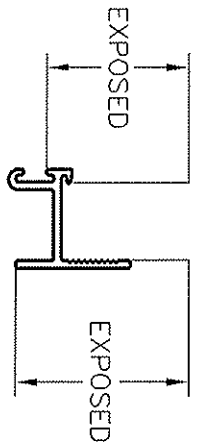
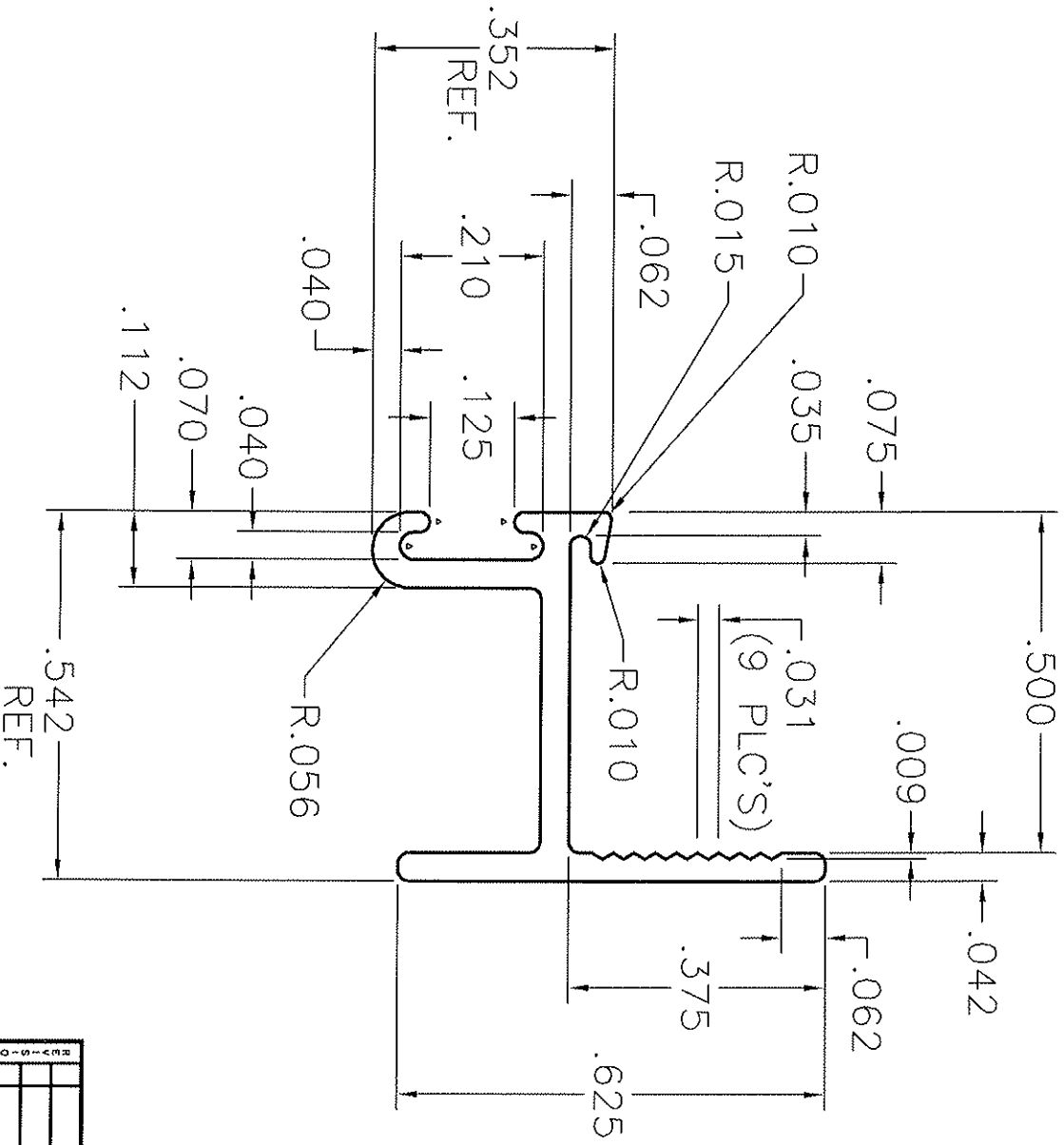
(Δ) FULL R.
 (6 PLC'S)

MINIMUM 10 WEBSTER

<input checked="" type="checkbox"/> 20-9-C-3 <input type="checkbox"/> 20-9-C-4 <input type="checkbox"/> 20-9-C-5		JORDAN P.O. BOX 18377 MEMPHIS, TN 38118 PHONE (901) 363-2121	
<input checked="" type="checkbox"/> 6063-16 <input type="checkbox"/> 6063-17 <input type="checkbox"/> 6063-18	COMPANY POCAHONTAS ALUMINUM	PART NO. 6063-16	SCALE 5-1-02
W/T 1.43	LBS. CWT 1.1	M. CWT 5.505	ORDER NO. 02050104
ORDER NO. 02050104	M. CWT 5.505	S-2736	S-2736

Handwritten notes:
 F305121
 6063-16/15
 100

ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .042 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS 0.016 R



ACTUAL SIZE

(Δ) FULL R.
 (4 PLC'S)

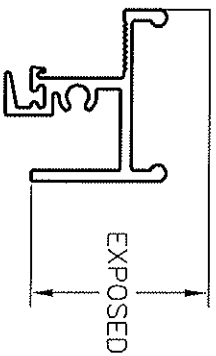
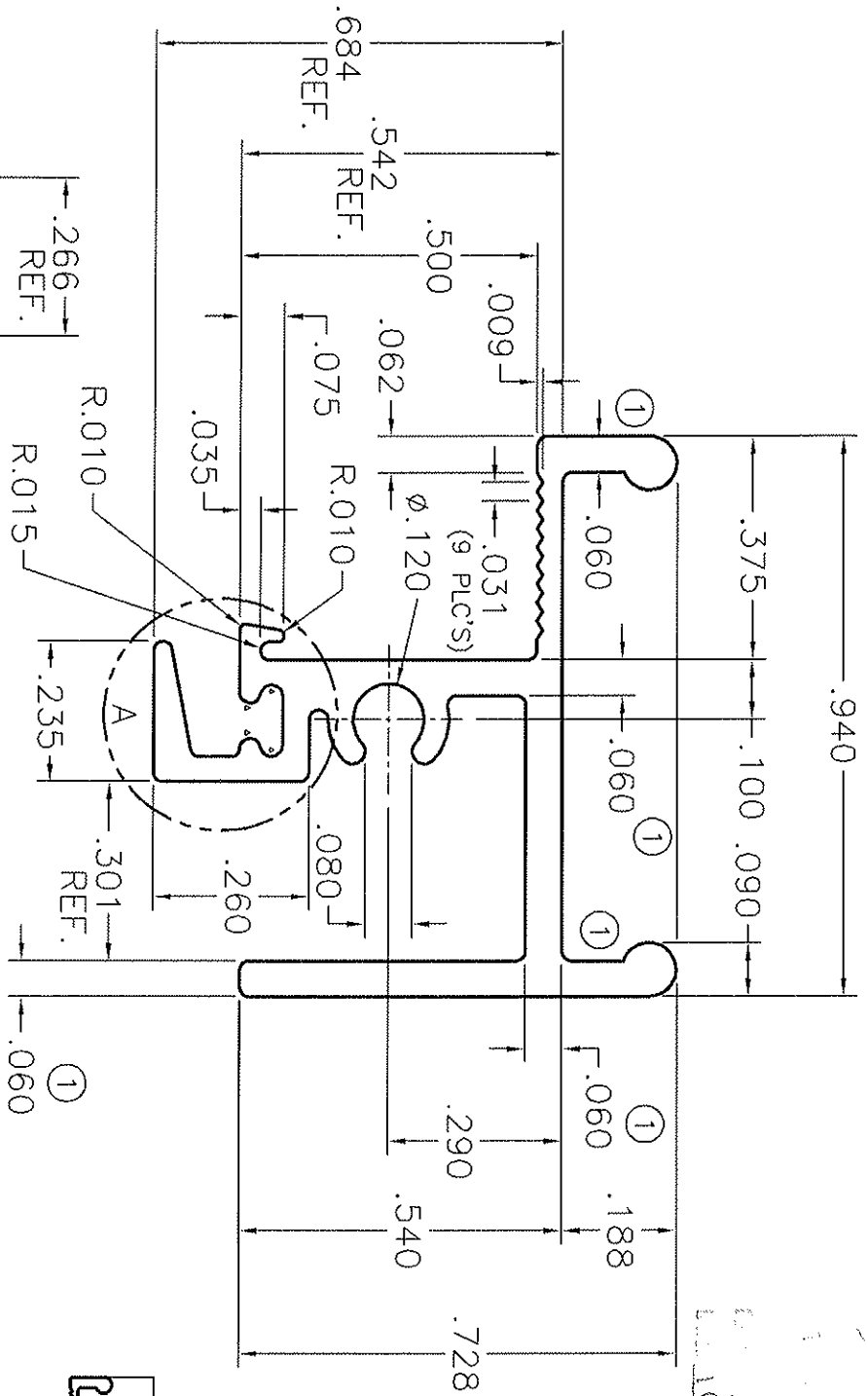
Handwritten notes:
 F-3054.01
 Date: 11/30/16
 1001 CD

MINIMUM 10 WEBSTER

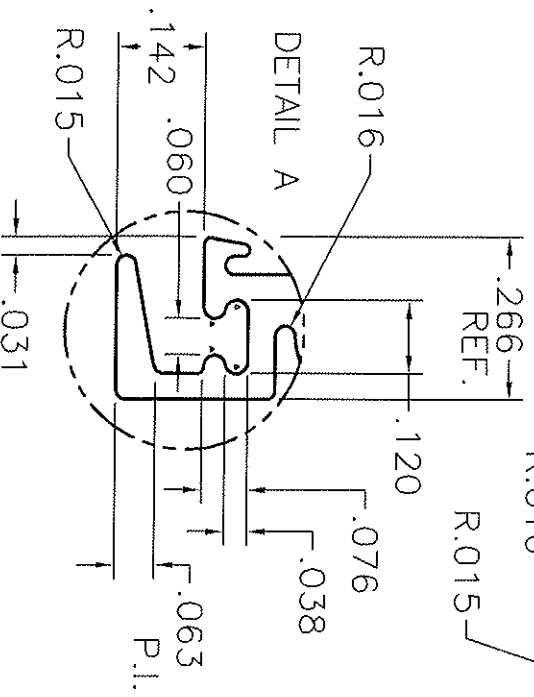
JORDAN P.O. BOX 18377 MEMPHIS, TN, 38118 PHONE (901) 365-2121		CUSTOMER: POCAHONTAS ALUMINUM PART NO.: SCALE: VERTICAL RAIL SLIDING DATE: 5-1-02	
FIELD: .063 W/TYP: .076 PART: 3.193	PART NO.: 6063-16 SCALE: 0.9 DATE: 02050105	FIELD: .063 W/TYP: .076 PART: 3.193	PART NO.: 6063-16 SCALE: 0.9 DATE: 02050105
ORDER NO.: DATE:	ORDER NO.: DATE:	ORDER NO.: DATE:	ORDER NO.: DATE:

ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .042 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS 0.016 R

111
 S-2738



MINIMUM 10 WEBSTER



DESIGN		111		111	
REV		1		111	
DATE		1/21/05		DLB	
MATERIAL		6063-T6		ALUMINUM	
FINISH		ANODIZED		111	
DIMENSIONS		.169		.203	
WEIGHT		6.298		111	
ORDER NO.		POCAHONTAS ALUMINUM		111	
PART NO.		TOP RAIL SLIDING		111	
SCALE		AS SHOWN		111	
DRAWN BY		S-2738		111	
CHECKED BY		S-2738		111	
DATE		1/21/05		111	

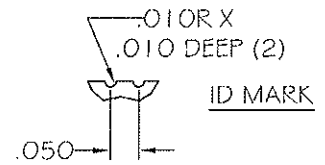
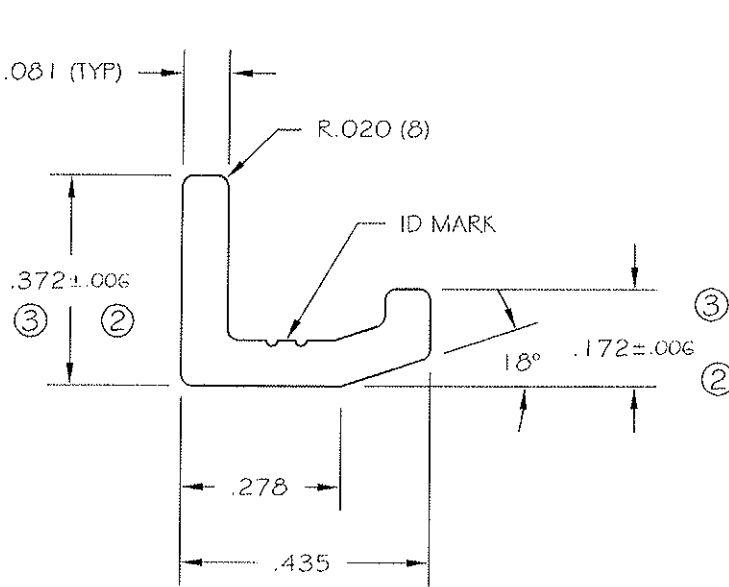
JORDAN
 P.O. BOX 18377
 MEMPHIS, TN 38118
 PHONE (901) 563-2121

Handwritten notes:
 F3054.d
 1/31/05
 04

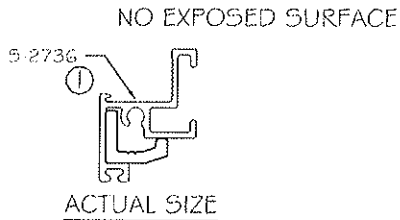
This drawing represents Jordan's interpretation of the customer's design. By your signature on this print you agree to accept the design, dimensions, tolerances, and ID mark locations as shown and Jordan assumes no liability for the functionality of either this shape and/or the end design.

DIE NO. 5-3667 REV 3

ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .081 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS .010R



① THIS PART MUST SLIDE FIT WITH 3-2736 IN 36 INCH LENGTHS. PARTS MUST BE FREE OF TWIST TO MAINTAIN PROPER SLIDE FIT.



REVISIONS	1	ADD NOTES 9/23/2011...DLB	JORDAN		P.O. BOX 752268 MEMPHIS, TN, 38175-2268 PHONE (800) 833-4590 PHONE (901) 866-2665 FAX (901) 363-8226				
	2	ADD TOLERANCES 9/7/2013...DLB							
	3	REVISED PER DRAWING 9/23/2013...DLB							
			<input checked="" type="checkbox"/> SOLID	<input type="checkbox"/> SEMI HOLLOW	<input type="checkbox"/> HOLLOW CLASS	CUSTOMER POCAHONTAS ALUMINUM			
			AREA .064	SO. IN.	ALLOY 6063T5	PART NO. 3415			
			WT/FT .077	LBS.	C.C.D. 0.6	END USE SASH BOTTOM RAIL REINF	SCALE 4:1	DRAWN BY DLB	DATE 10/6/2010
			PERM 1.724	IN.	CAVITY SIZE	DWG. NO.			
			OUTSIDE PERM	IN.	CAVITY AREA	SO.IN.	DIE NO. 5-3667		

Handwritten notes and signatures:
 F305461
 11/30/15
 [Signature]