	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 - 126.0
Issue Date: 12/14/2015
Revision Date: 1/15/2020
Expiration Date: 11/30/2023
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 USA	Model: 100 VS Aluminum Vertical Sliding Window Operator Type: VS Config: No Max Width: 40 Max Height: 63

Referenced Standard:	Product Rating:
AAMA 1701.2-12 / FMHC&S Std. 3280.403	Wind Zone I @ +25/-12.5 psf, 40x63

Qualifying Test Information:	
Test Report No:	ATI-F3051.01-801-44
Test Report Expiration:	11/30/2023

Authorized Signature:

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

	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 - 127.0
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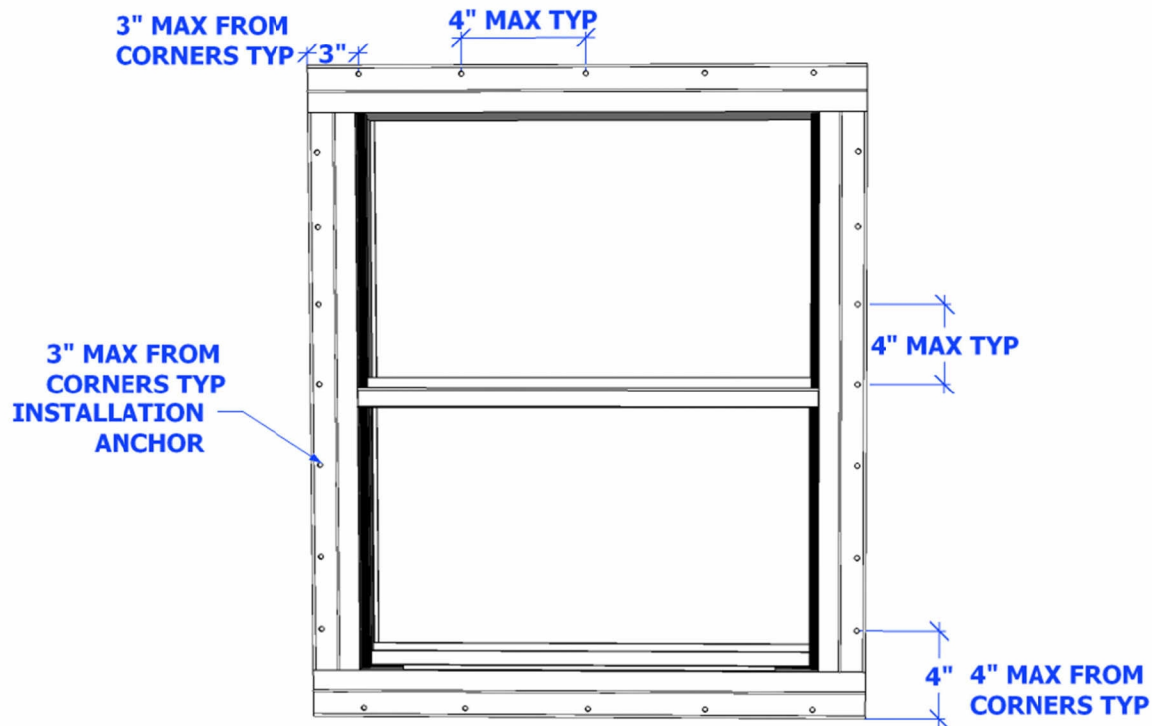
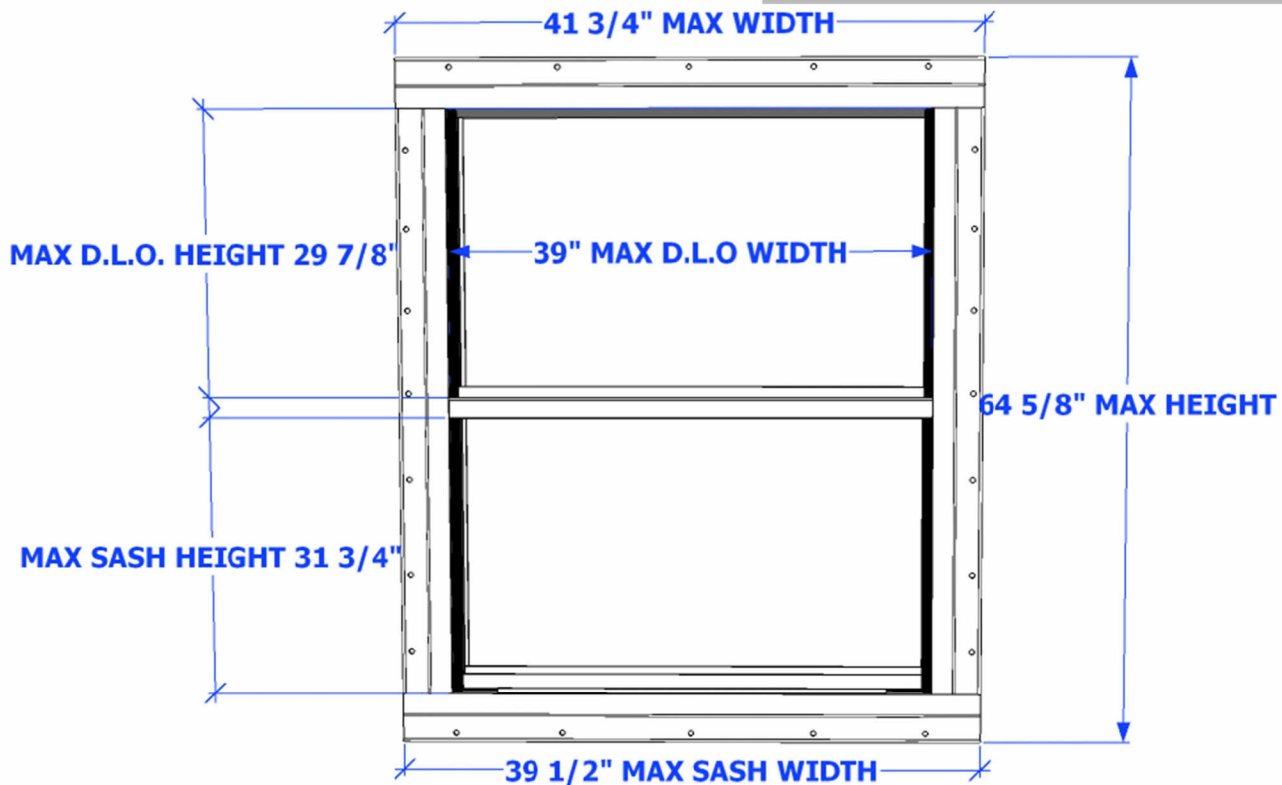
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Licensee Information: Pocahontas Aluminum Company, Inc. 2001 Industrial Drive, PO Box 756 Pocahontas, AR 72455 USA	Product Information: Model: 100 VS Aluminum Vertical Sliding Window Operator Type: VS Config: No Max Width: 36 Max Height: 36
Referenced Standard: AAMA 1701.2-12 / FMHC&S Std. 3280.403	Product Rating: Wind Zone III @ 48 psf, 36x36
Qualifying Test Information:	
Test Report No: ATI-F3051.01-801-44 Test Report Expiration: 11/30/2023	

Authorized Signature:

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

**INSTALLATION METHOD
ALUMINUM NON-INSULATED
ELEVATION & ANCHOR LAYOUT**



SCALE: NTS

DWN BY: AMM

CHK BY: KEA

DATE: 10/13/15

TITLE:
INSTALLATION METHOD
ALUMINUM NON-INSULATED
ELEVATION & ANCHOR LAYOUT

PREPARED BY:
POCAHONTAS ALUMINUM COMPANY, INC.
2001 INDUSTRIAL DRIVE
POCAHONTAS, AR 72455
PH: 870-892-3689 FAX: 870-892-9858

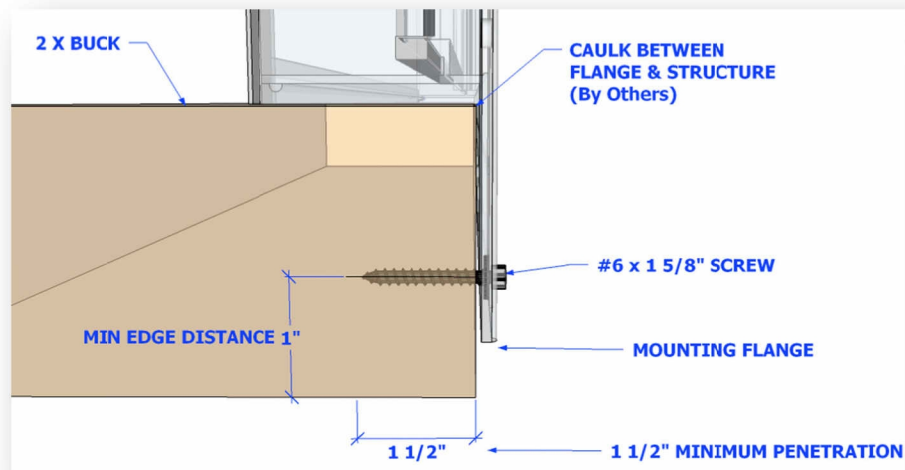
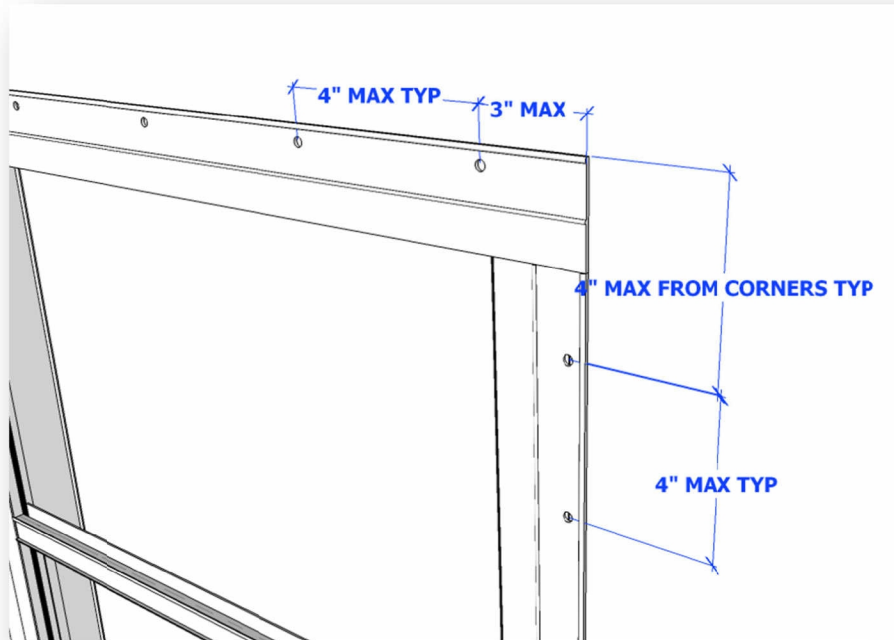
REVISIONS

NO.	DESCRIPTION	BY	DATE

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FROM POCAHONTAS
ALUMINUM
COMPANY, INC.



INSTALLATION METHOD ALUMINUM NON-INSULATED ELEVATION & ANCHOR LAYOUT



SCALE: NTS

DWN BY: AMM

CHK BY: KEA

DATE: 10/13/15

TITLE:
INSTALLATION METHOD
ALUMINUM NON-INSULATED
ELEVATION & ANCHOR LAYOUT

PREPARED BY:
POCAHONTAS ALUMINUM COMPANY, INC.
2001 INDUSTRIAL DRIVE
POCAHONTAS, AR 72455
PH: 870-892-3689 FAX: 870-892-9858

REVISIONS

NO.	DESCRIPTION	BY	DATE

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	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 - 128.0
Issue Date: 12/14/2015
Revision Date: 1/15/2020
Expiration Date: 11/30/2023
Company Code: 757

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Licensee Information:	Product Information:
Pocahontas Aluminum Company, Inc. 2001 Industrial Drive, PO Box 756 Pocahontas, AR 72455 USA	Model: 100 VS Aluminum Vertical Sliding Window Operator Type: VS Config: No Max Width: 30 Max Height: 30
Referenced Standard:	Product Rating:
AAMA 1701.2-12 / FMHC&S Std. 3280.403	Wind Zone III @ 58 psf, 30x30
Qualifying Test Information:	
Test Report No: ATI-F3051.01-801-44 Test Report Expiration: 11/30/2023	

Authorized Signature:

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

	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 - 131.0

Issue Date: 1/4/2016

Revision Date: 3/20/2019

Expiration Date: 11/30/2023

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 USA	Model: 100 VS Aluminum Vertical Sliding Window Operator Type: VS Config: No Max Width: 30 Max Height: 30

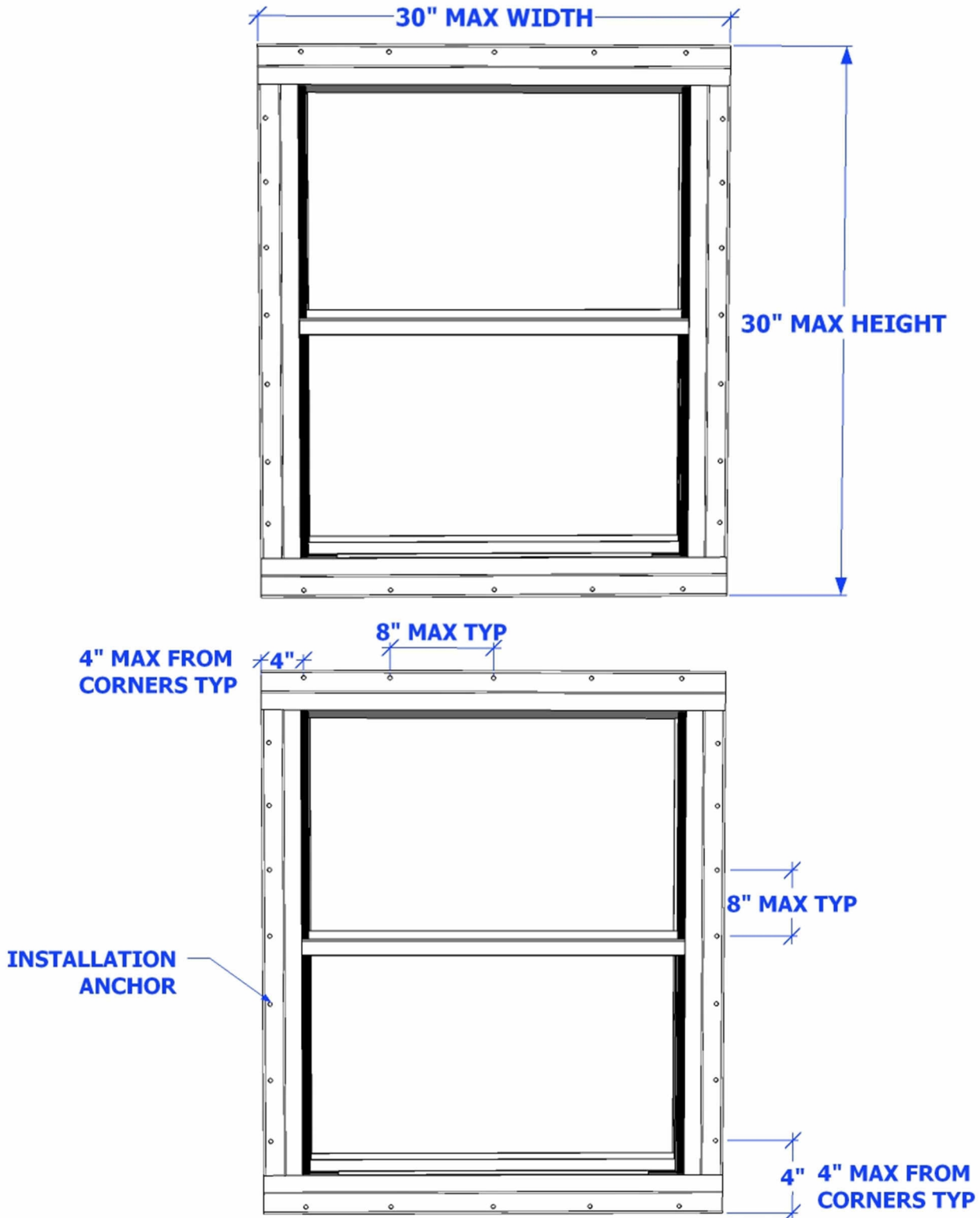
Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-08	Class R-PG15 762x762* (30x30*)-VS DP=+/-35

Qualifying Test Information:	
Test Report No:	ATI-F3051.01-801-44/ATI-95537.02-801-44
Test Report Expiration:	11/30/2023

Authorized Signature:

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

**INSTALLATION METHOD
ALUMINUM NON-INSULATED
ELEVATION & ANCHOR LAYOUT**



SCALE: NTS
ALL DIMENSIONS: +/- 1/8"

DWN BY: AMM

CHK BY: KEA

DATE: 10/13/15

TITLE:
INSTALLATION METHOD
ALUMINUM NON-INSULATED
ELEVATION & ANCHOR LAYOUT

PREPARED BY:
POCAHONTAS ALUMINUM COMPANY, INC.
2001 INDUSTRIAL DRIVE
POCAHONTAS, AR 72455
PH: 870-892-3689 FAX: 870-892-9858

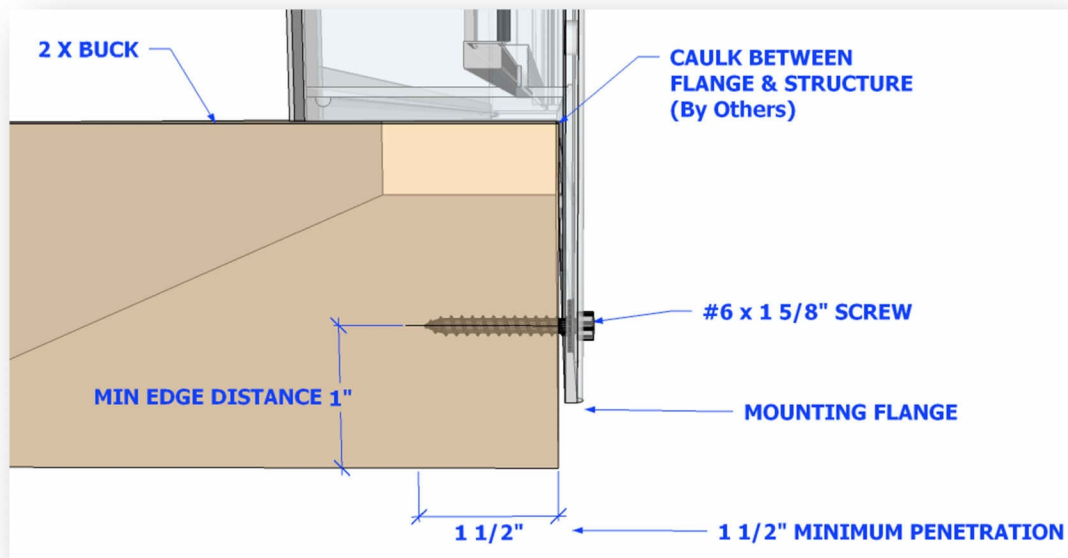
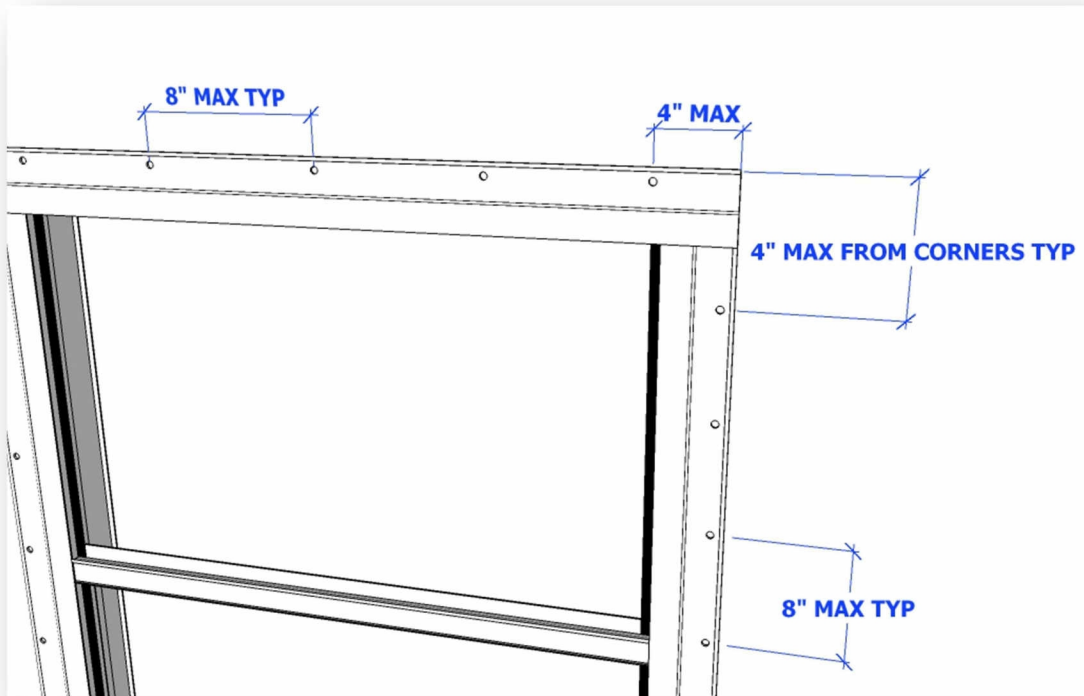
REVISIONS

NO.	DESCRIPTION	BY	DATE

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ALUMINUM
COMPANY, INC.



INSTALLATION METHOD ALUMINUM NON-INSULATED ELEVATION & ANCHOR LAYOUT



SCALE: NTS
DIMENSIONS: +/- 1/4"

DWN BY: AMM

CHK BY: KEA

DATE: 10/13/15

TITLE:
INSTALLATION METHOD
ALUMINUM NON-INSULATED
ELEVATION & ANCHOR LAYOUT

PREPARED BY:
POCAHONTAS ALUMINUM COMPANY, INC.
2001 INDUSTRIAL DRIVE
POCAHONTAS, AR 72455
PH: 870-892-3689 FAX: 870-892-9858

REVISIONS

NO.	DESCRIPTION	BY	DATE

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ALUMINUM
COMPANY, INC.





TEST REPORT

Report No.: F3051.01-801-44

Rendered to:

POCAHONTAS ALUMINUM COMPANY, INC.
Pocahontas, Arkansas

PRODUCT TYPE: Vertical 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 Vertical 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: 1.6 m ² (17.5 ft ²)	Width		Height	
	millimeters	inches	millimeters	inches
Overall size	1016	40	1600	63
Sash	1010	39-3/4	813	32
Screen	1003	39-1/2	800	31-1/2

Test Specimen #2

Overall Area: 0.83 m ² (9 ft ²)	Width		Height	
	millimeters	inches	millimeters	inches
Overall size	1168	36	686	36
Sash	591	35-3/4	629	18-1/2
Screen	902	35-1/2	464	18-1/4

Test Specimen #3

Overall Area: 0.58 m ² (6.25 ft ²)	Width		Height	
	millimeters	inches	millimeters	inches
Overall size	762	30	762	30
Sash	737	29	394	15-1/2
Screen	730	28-3/4	381	15

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 bottom rail

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	981 x 759	38-5/8 x 29-7/8	0.50
Fixed lite Specimen# 1	1	981 x 759	38-5/8 x 29-7/8	0.50
Sash Specimen # 2	1	864 x 419	34 x 16-1/2	0.50
Fixed lite Specimen# 2	1	864 x 419	34 x 16-1/2	0.50
Sash Specimen # 3	1	864 x 419	28 x 13-1/4	0.50
Fixed lite Specimen# 3	1	864 x 419	28 x 13-1/4	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	2	Each end of sash
Vinyl sash guides	4	Top and bottom of each stile

5.0 Test Specimen Description: (Continued)

5.8 Screen

Frame Material	Corner Construction	Mesh Type
Aluminum	Plastic corner keys	Fiberglass

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 40 x 63

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)	0.76 L/s/m ² (0.15 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 36 x 36

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

Test Specimen #3 30 x 30

Title of Test	Results	Allowed	Note
Optional Performance (24 CFR 3280.305(c))			
Uniform Load Structural, per ASTM E 330 +2777 Pa (+58.00 psf) -2777 Pa (-58.00 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

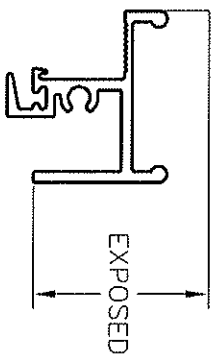
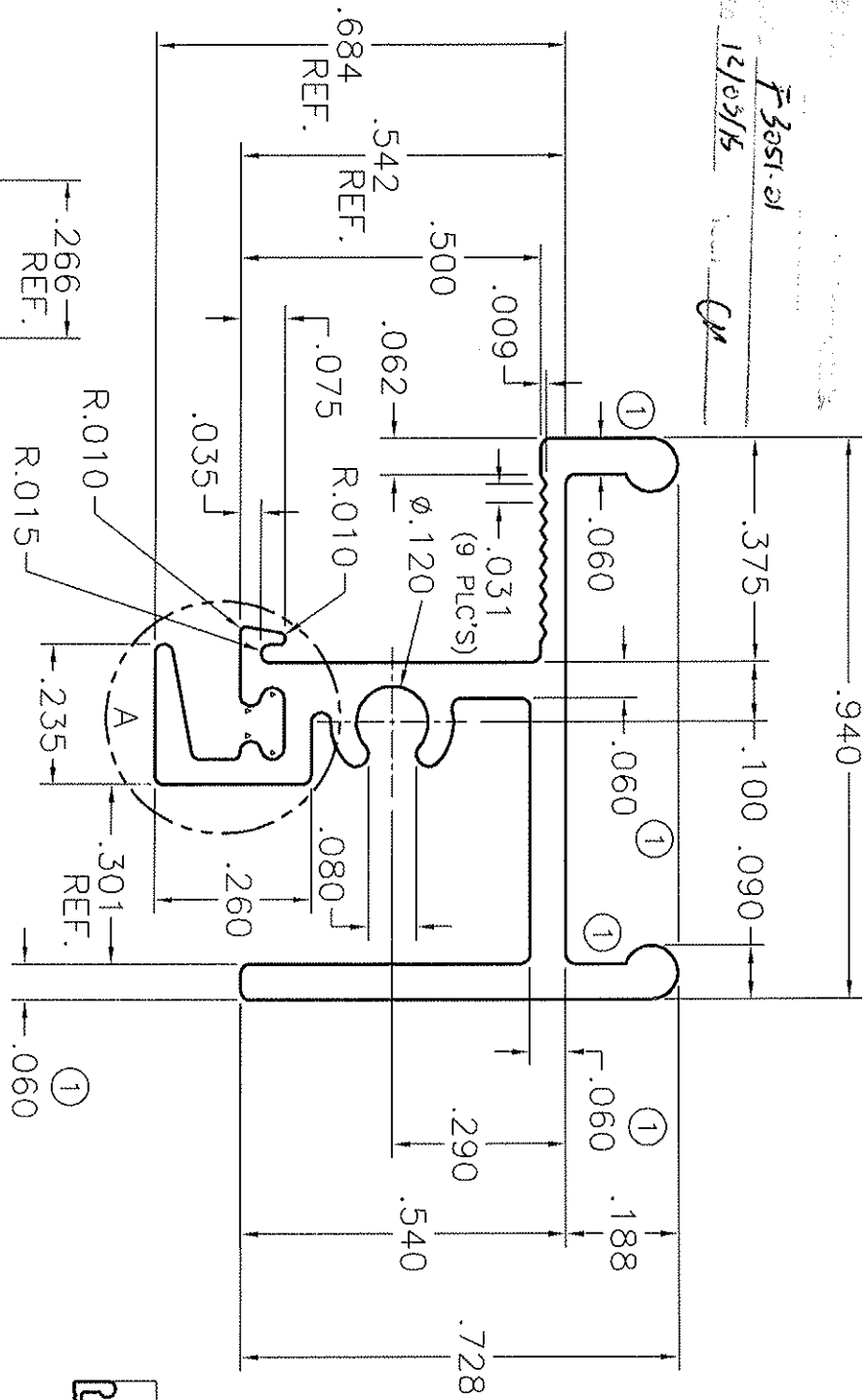
Die S-2741

[illegible]

7351-21

12/03/15

Ch



ACTUAL SIZE

MINIMUM 10 WEBSTER

(Δ)FULL R.
(4 PLC'S)

Technical drawing of a mechanical part. The drawing shows a cross-section of a part with a curved top surface. Dimensions are indicated: a radius of R.016 for the top curve, a vertical distance of .076 from the top curve to a horizontal line, and a vertical distance of .038 from that horizontal line to the bottom of the part. A detail callout labeled "DETAIL A" points to the top curve.

[illegible]

DLE S-2737



(Δ) FULL R.
(4 PLC'S)

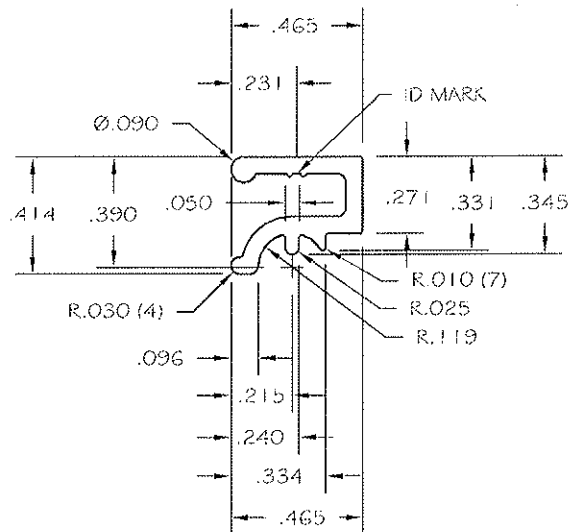
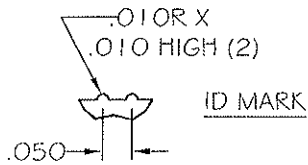
MINIMUM 10 WEBSTER

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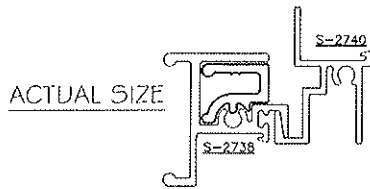
F3051.01
 12/03/18 CR

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

DIE NO. 5-3254 REV.



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

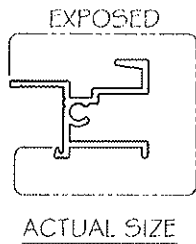
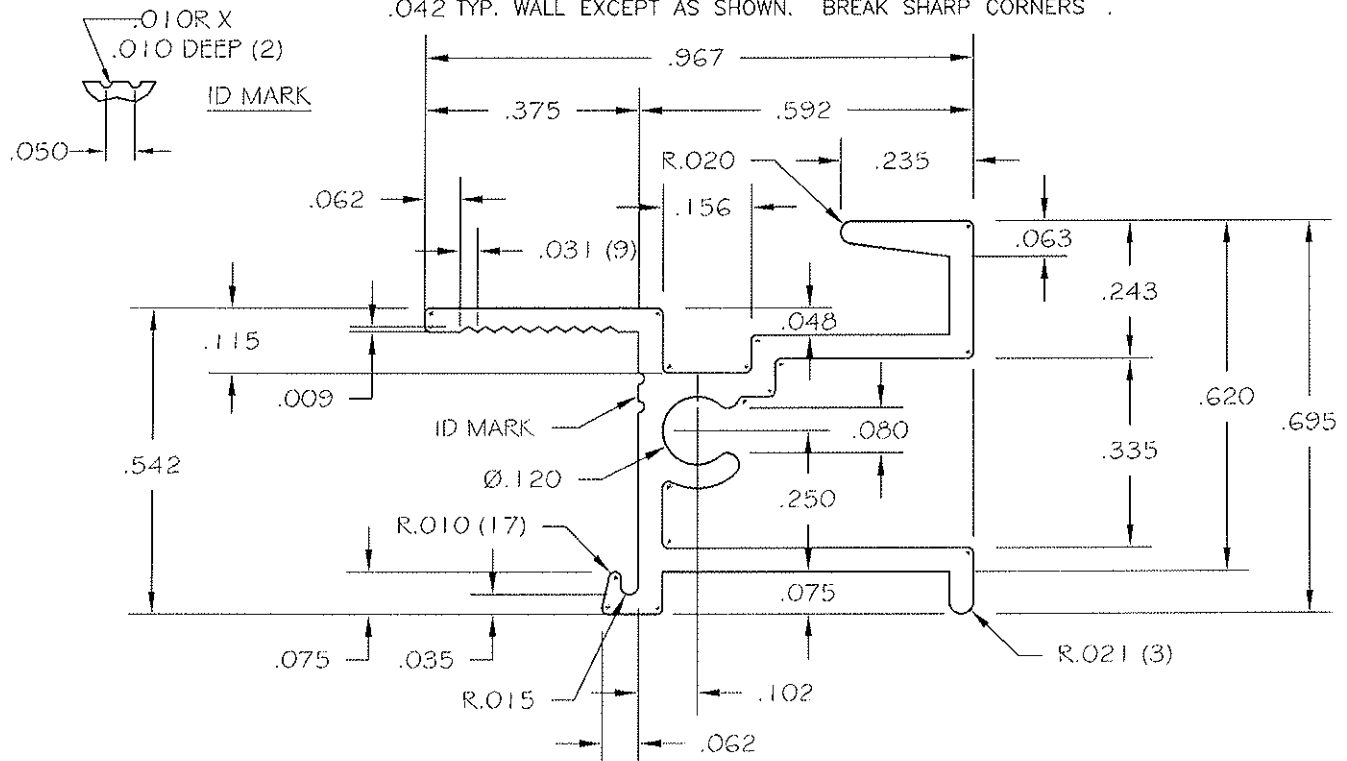


REVISIONS					P.O. BOX 18377 MEMPHIS, TN, 38118 PHONE (901) 363-2121			
	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI HOLLOW <input type="checkbox"/> HOLLOW CLASS				CUSTOMER POCAHONTAS			
	AREA .077 SQ. IN. .092 ALLOY 6063T6 C.C.D. 0.6				PART NO.			
	PERM 2.573 IN. CAVITY SIZE				END USE SASH TOP RAIL REINFORCEMENT			
OUTSIDE PERM				SCALE 2:1 DWG. BY DLB DATE 1/24/2008				
IN. CAVITY AREA SQ. IN.				DWG. NO. 08012401 POCAHONTAS				
DIE NO. 5-3254				REV.				

F3051-01
 12/03/15
 12/03/15

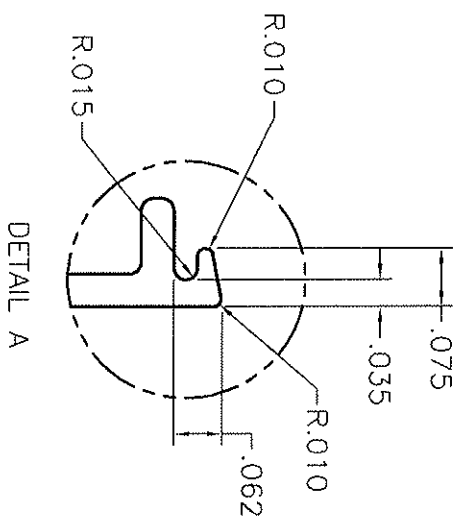
ALUMINUM ASSOCIATION STD TOLERANCES APPLY UNLESS NOTED
 .042 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS

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			
	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI HOLLOW <input type="checkbox"/> HOLLOW CLASS				PART NO.			
	AREA .118 SQ. IN. ALLOY 6063T6 WT./FT. .142 LBS. C.C.D. 1.4 PERM 5.581 IN. CAVITY SIZE OUTSIDE PERIM. IN. CAVITY AREA SQ. IN.				END USE: FIXED MEETING RAIL SCALE: 4:1 DWG. NO. 10061601 POCAHONTAS - FMR DATE: 6/16/2010 DE. NO. 5-3606			

DIE NO.	S-2739	REV.	-
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JORDAN

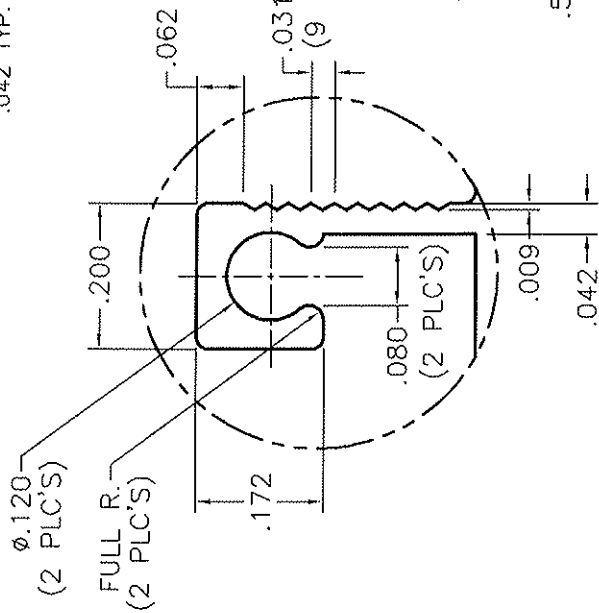
P.O. BOX 18377
MEMPHIS, TN, 38118
PHONE (901) 363-2121

ACTUAL SIZE

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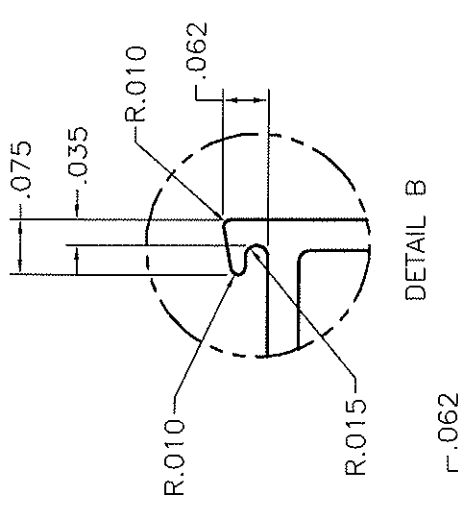
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 .042 TYP. WALL EXCEPT AS SHOWN. BREAK SHARP CORNERS 0.016 R

DRG S-2735

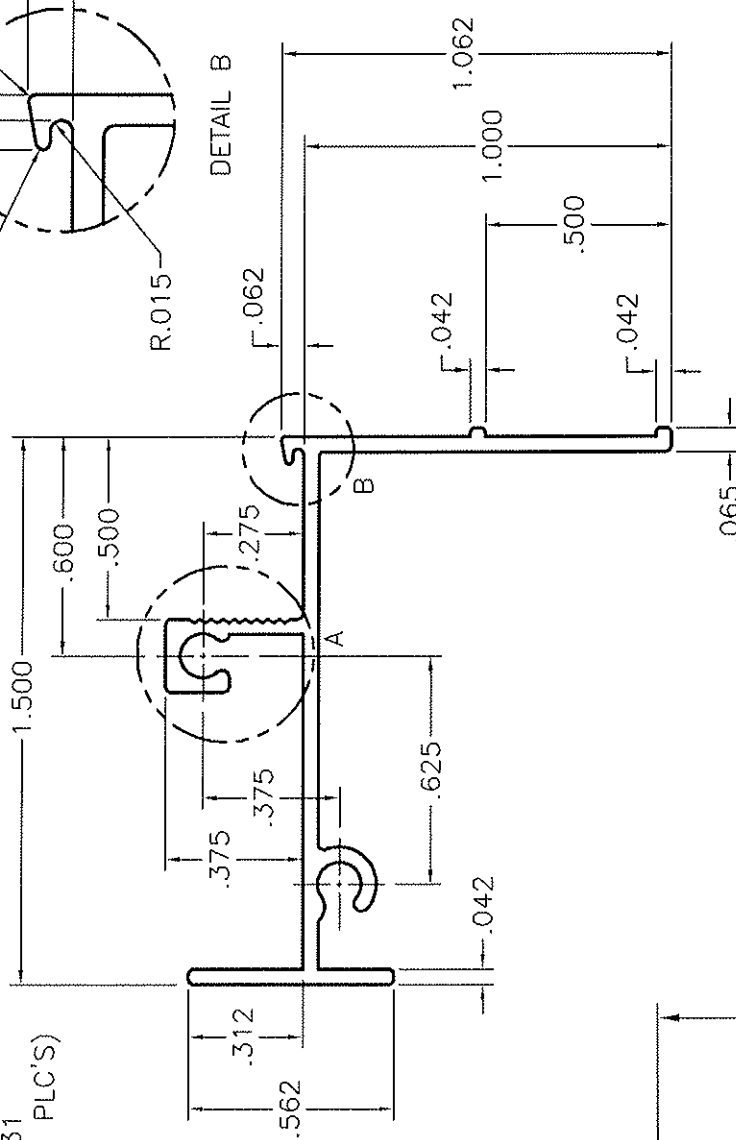


DETAIL A

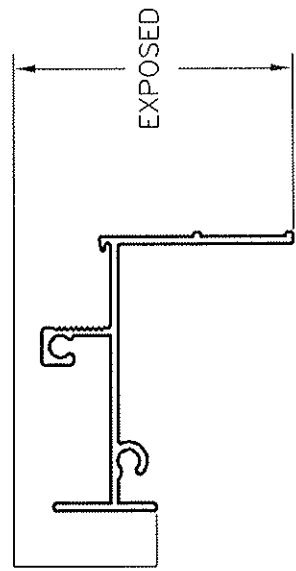
60 51/80/21
 10-1508



DETAIL B



MINIMUM 10 WEBSTER



ACTUAL SIZE

JORDAN		P.O. BOX 18377 MEMPHIS, TN 38118 PHONE (901) 363-2121	
CUSTOMER		POCAHONTAS ALUMINUM	
PART NO.		JAMB FLUSH MOUNT	
MATERIAL		6063-T6	
FINISH		ANODIZED	
SCALE		2.0	
DATE		02050103	
DRAWN BY		S-2735	