



**ASTM E1886 and ASTM E1996 TEST REPORT**

**Report No.:** E6414.02-201-44

**Rendered to:**

EAGLE WINDOW & DOOR, INC.  
Dubuque, Iowa

**PRODUCT TYPE:** Aluminum Clad Wood Hinged Door with Impact Glazing (Inswing)

**SERIES/MODEL:** 3080 Series 05 E-Series Hinged Patio Door – Inswing –  
SP1 with Harbor Master IG

**Test Dates:** 03/26/15  
**Through:** 04/07/15  
**Report Date:** 05/16/15  
**Test Record Retention End Date:** 04/07/19

**1.0 Report Issued To:** Eagle Window & Door, Inc.  
2045 Kerper Boulevard  
Dubuque, Iowa 52001

**2.0 Test Laboratory:** Architectural Testing, Inc. an Intertek Company ("Intertek-ATI")  
849 Western Avenue North  
St. Paul, Minnesota 55117  
(651) 636-3835

### 3.0 Project Summary:

**3.1 Product Type:** Aluminum Clad Wood Hinged Door with Impact Glazing (Inswing)

**3.2 Series/Model:** 3080 Series 05 E-Series Hinged Patio Door – Inswing – SP1 with Harbor Master IG

**3.3 Compliance Statement:** Results obtained are tested values and were secured by using the designated test methods. The specimens tested met the performance requirements set forth in the referenced test procedures for a **+2400 / 3120 Pa (+50.0 / -65.0 psf) Design Pressure** with missile impacts corresponding to Missile Level D and Wind Zone 4.

**3.4 Test Dates:** 03/26/15 – 04/07/15

**3.5 Test Record Retention End Date:** All test records for this report will be retained until April 7, 2019.

**3.6 Test Location:** Intertek-ATI test facility in St. Paul, Minnesota.

**3.7 Test Specimen Source:** The test specimens were provided by the client. Representative samples of the test specimens will be retained by Intertek-ATI for a minimum of four years from the test completion date.

**3.8 Drawing Reference:** The test specimen drawings have been reviewed by Intertek-ATI and are representative of the test specimens reported herein. Test specimen construction was verified by Intertek-ATI per the drawings located in Appendix A. Any deviations are documented herein or on the drawings.

### 3.9 List of Official Observers:

<u>Name</u>	<u>Company</u>
Tim Pfile	Eagle Window & Door, Inc.
George O. Radysh	Intertek-ATI
Steve V. Kenemer	Intertek-ATI
Eric J. Schoenthaler	Intertek-ATI

**4.0 Test Specifications:**

ASTM E1886-05, *Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials*

ASTM E1996-12, *Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes*

**5.0 Test Specimen Description:**

**5.1 Product Sizes:**

Overall Area: 2.3 m <sup>2</sup> (24.3 ft <sup>2</sup> )	Width		Height	
	millimeters	inches	millimeters	inches
Overall size	927	36-1/2	2438	96
Panel size	881	34-11/16	2367	93-3/16

**5.2 Frame Construction:**

Frame Member	Material	Description
Jambs and head	Aluminum / LVL	Aluminum extrusions were slip-fit over LVL wood side and head jambs.
Sill	Aluminum / polyethylene wood fiber composite / wood	Aluminum extrusion slip-fit over a polyethylene / wood fiber composite material with an oak threshold.

	Joinery Type	Detail
Aluminum head/jamb corners	Miter	Mitered, sealed with silicone and secured with a corner key and two #8 x 7/16" screws.
Wood head/jamb corners	Butt	Sealed with silicone and fastened through the head with two #8 x 1-3/4" screws and through the jamb with one #6 x 1-1/4" screw.
Sill	Butt	Sealed with silicone and fastened with two #6 x 1" screws through the sill into the wood jamb and three #8 x 2-1/2" screws through the jambs into the sill.

**5.0 Test Specimen Description: (Continued)**

**5.3 Panel Construction:**

Panel Member	Material	Description
All	Aluminum / LVL	Aluminum extrusions were slip-fit over LVL panel members.

	Joinery Type	Detail
Panel stiles to rails	Butt	Each joint was secured with two 3/4" x 4" hardwood dowels secured with wood glue and one 2-1/2" brad nail.

**5.4 Reinforcement:** No reinforcement was utilized.

**5.5 Weatherstripping:**

Description	Quantity	Location
Hollow vinyl bulb	1 Row	Bottom rail of panel.
Q-lon leaf seal	1 Row	Perimeter of frame.

**5.6 Test Specimen #1, #2 and #3 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	Overall Thickness	Glass Makeup	Glazing Method
Harbor Master IG	0.800"	3.9 mm tempered glass 8.0 mm air space 3.1 annealed glass 0.090" (PVB by DuPont) interlayer 3.1 annealed glass	The glass was set from the interior against an Instant Glaze II sealant and backfilled with silicone. Contemporary glazing stops (Eagle Drawing: 0108397) with a single sided adhesive foam tape were utilized on the interior and secured with 1-1/4" brad nails located 25 mm (1") from each corner and 152 mm (6") to 203 mm (8") on center.

Location	Quantity	Daylight Opening		Glass Bite
		millimeters	inches	
Panel	1	741 x 2045	29-3/16 x 80-1/2	11 mm (7/16")

**5.0 Test Specimen Description: (Continued)**

**5.7 Test Specimen #4 Glazing Details:** *No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made.*

Glass Type	Overall Thickness	Glass Makeup	Glazing Method
Harbor Master IG	0.800"	3.9 mm tempered glass 8.0 mm air space 3.1 annealed glass 0.090" (PVB by DuPont) interlayer 3.1 annealed glass	The glass was set from the interior against an Instant Glaze II sealant and backfilled with silicone. Colonial glazing stops (Eagle Drawing: 0106551) with a single sided adhesive foam tape were utilized on the interior and secured with 1-1/4" brad nails located 25 mm (1") from each corner and 152 mm (6") to 203 mm (8") on center.

Location	Quantity	Daylight Opening		Glass Bite
		millimeters	inches	
Panel	1	741 x 2045	29-3/16 x 80-1/2	11 mm (7/16")

**5.8 Drainage:**

Drainage Method	Size	Quantity	Location
Weep slot	16 mm (5/8") wide x 5 mm (3/16")	2	Exterior face of sill at ends.
Weep slot	13 mm (1/2") wide x 13 mm (1/2")	2	Frame sill, 127 mm (5") from each end at inner most leg draining into the sill hollow.
Weep slot	13 mm (1/2") wide x 13 mm (1/2")	2	Frame sill, 133 mm (5-1/4") from each end at outer most leg draining into the sill hollow.

## 5.0 Test Specimen Description: (Continued)

### 5.9 Hardware:

Description	Quantity	Location
Butt hinges	3	Spaced: 203 mm (8"), 1129 mm (44-7/16") and 2062 mm (81-3/16") from top of the panel.
Three point locking mechanism	1	Panel stile with keepers in frame located: 356 mm (14"), 864 mm (34") and 1689 mm (66-1/2") from the sill.
Latch and deadbolt strike	1	Active panel stile, 965 mm (38") from the sill.

### 6.0 Installation:

The specimen was installed into a Spruce-Pine-Fir wood buck. The rough opening allowed for a 10 mm (3/8") shim space. The exterior perimeter of the window was sealed with sealant.

Location	Anchor Description	Anchor Location
Head and jambs	2" roof nails	Secured through nail flange 76 mm (3") from each end and spaced 305 mm (12") on center.
Lock jamb	#10 x 2-1/2" screws	Secured through each upper and lower strike plate with two screws and through the middle strike plate with three screws.
Hinge jamb	#10 x 2-1/2" screws	Secured through each hinge with two screws.
Sill	Silicone	The sill was set atop three beads of silicone sealant.

**7.0 Test Results:** The results are tabulated as follows:

**ASTM E1886, Large Missile Impact**

**Conditioning Temperature:** 21°C (70°F)

**Missile Weight:** 4128 g (9.1 lbs)

**Missile Length:** 2438 mm (96")

**Muzzle Distance from Test Specimen:** 5.2 m (17' 0")

**Test Unit #1:** Orientation within ±5° of horizontal

<b>Impact #1:</b> Missile Velocity: 15.1 m/s (49.5 fps)	
<b>Impact Area:</b>	Center of glazing
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass

<b>Impact #2:</b> Missile Velocity: 15.1 m/s (49.5 fps)	
<b>Impact Area:</b>	Lower right glazing corner
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass

**Test Unit #2:** Orientation within ±5° of horizontal

<b>Impact #1:</b> Missile Velocity: 15.0 m/s (49.2 fps)	
<b>Impact Area:</b>	Center of glazing
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass

<b>Impact #2:</b> Missile Velocity: 15.2 m/s (49.8 fps)	
<b>Impact Area:</b>	Lower right glazing corner
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass

**7.0 Test Results: (Continued)**

**ASTM E1886, Large Missile Impact**

**Conditioning Temperature:** 21°C (70°F)

**Missile Weight:** 4128 g (9.1 lbs)

**Missile Length:** 2438 mm (96")

**Muzzle Distance from Test Specimen:** 5.2 m (17' 0")

**Test Unit #3:** Orientation within ±5° of horizontal

<b>Impact #1:</b> Missile Velocity: 15.2 m/s (49.8 fps)	
<b>Impact Area:</b>	Center of glazing
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass

<b>Impact #2:</b> Missile Velocity: 15.2 m/s (49.8 fps)	
<b>Impact Area:</b>	Lower right glazing corner
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass

**Test Unit #4:** Orientation within ±5° of horizontal

<b>Impact #1:</b> Missile Velocity: 15.3 m/s (50.3 fps)	
<b>Impact Area:</b>	Upper left glazing corner
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass

<b>Impact #2:</b> Missile Velocity: 15.1 m/s (49.6 fps)	
<b>Impact Area:</b>	Center of glazing
<b>Observations:</b>	Missile hit target area; no rips, tears or penetrations
<b>Results:</b>	Pass



**7.0 Test Results:** (Continued)**ASTM E1886, Air Pressure Cycling****Test Unit #1****Design Pressure:** +2400 / 3120 Pa (+50.0 / -65.0 psf)**POSITIVE PRESSURE**

<b>Pressure Range Pa (psf)</b>	<b>Number of Cycles</b>	<b>Average Cycle Time (seconds)</b>	<b>Observations</b>
480 to 1200 (10.0 to 25.0)	3500	1.73	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	2.35	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	1.76	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.39	No rips, tears or penetrations

**NEGATIVE PRESSURE**

<b>Pressure Range Pa (psf)</b>	<b>Number of Cycles</b>	<b>Average Cycle Time (seconds)</b>	<b>Observations</b>
935 to 3120 (19.5 to 65.0)	50	2.54	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	1.90	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.49	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	1.88	No rips, tears or penetrations

**Result:** Pass

**7.0 Test Results:** (Continued)**ASTM E1886, Air Pressure Cycling****Test Unit #2****Design Pressure:** +2400 / 3120 Pa (+50.0 / -65.0 psf)**POSITIVE PRESSURE**

Pressure Range Pa (psf)	Number of Cycles	Average Cycle Time (seconds)	Observations
480 to 1200 (10.0 to 25.0)	3500	1.85	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	2.44	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	2.00	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.11	No rips, tears or penetrations

**NEGATIVE PRESSURE**

Pressure Range Pa (psf)	Number of Cycles	Average Cycle Time (seconds)	Observations
935 to 3120 (19.5 to 65.0)	50	2.26	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	1.85	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.51	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	1.82	No rips, tears or penetrations

**Result:** Pass**Note:** Test Specimens #2, #3 and #4 were cycled in a common chamber.

**7.0 Test Results:** (Continued)**ASTM E1886, Air Pressure Cycling****Test Unit #3****Design Pressure:** +2400 / 3120 Pa (+50.0 / -65.0 psf)**POSITIVE PRESSURE**

<b>Pressure Range Pa (psf)</b>	<b>Number of Cycles</b>	<b>Average Cycle Time (seconds)</b>	<b>Observations</b>
480 to 1200 (10.0 to 25.0)	3500	1.85	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	2.44	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	2.00	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.11	No rips, tears or penetrations

**NEGATIVE PRESSURE**

<b>Pressure Range Pa (psf)</b>	<b>Number of Cycles</b>	<b>Average Cycle Time (seconds)</b>	<b>Observations</b>
935 to 3120 (19.5 to 65.0)	50	2.26	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	1.85	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.51	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	1.82	No rips, tears or penetrations

**Result:** Pass**Note:** Test Specimens #2, #3 and #4 were cycled in a common chamber.

**7.0 Test Results:** (Continued)**ASTM E1886, Air Pressure Cycling****Test Unit #4****Design Pressure:** +2400 / 3120 Pa (+50.0 / -65.0 psf)**POSITIVE PRESSURE**

<b>Pressure Range Pa (psf)</b>	<b>Number of Cycles</b>	<b>Average Cycle Time (seconds)</b>	<b>Observations</b>
480 to 1200 (10.0 to 25.0)	3500	1.85	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	2.44	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	2.00	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.11	No rips, tears or penetrations

**NEGATIVE PRESSURE**

<b>Pressure Range Pa (psf)</b>	<b>Number of Cycles</b>	<b>Average Cycle Time (seconds)</b>	<b>Observations</b>
935 to 3120 (19.5 to 65.0)	50	2.26	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	1.85	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.51	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	1.82	No rips, tears or penetrations

**Result:** Pass**Note:** Test Specimens #2, #3 and #4 were cycled in a common chamber.

**General Note:** Upon completion of testing, the specimens met the requirements of Section 7 of ASTM E1996.

## 8.0 Test Equipment:

**Cannon:** Constructed from steel piping utilizing compressed air to propel the missile

**Missile:** 2x4 Southern Pine

**Timing Device:** Electronic Beam Type

**Cycling Mechanism:** Computer controlled centrifugal blower with electronic pressure measuring device

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.

Intertek-ATI will service this report for the entire test record retention period. Test records such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained by Intertek-ATI 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 specimens tested. This report may not be reproduced, except in full, without the written approval of Intertek-ATI.

For INTERTEK-ATI:

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Eric J. Schoenthaler  
Project Manager

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Daniel A. Johnson  
Director – Regional Operations

EJS/jb

Attachments (pages): This report is complete only when all attachments listed are included.  
Appendix A: Drawings (35)

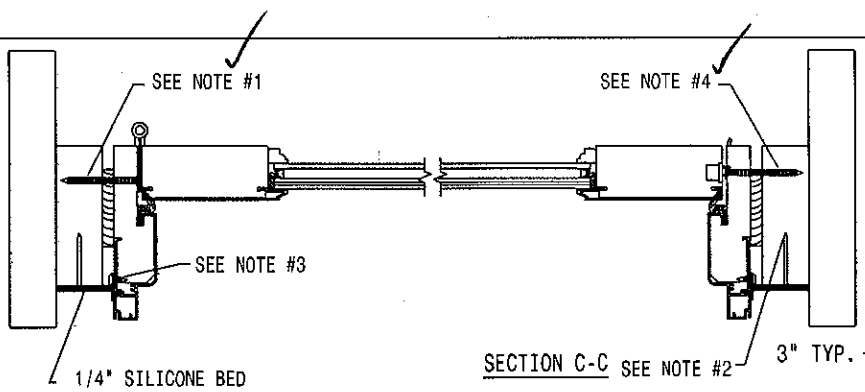
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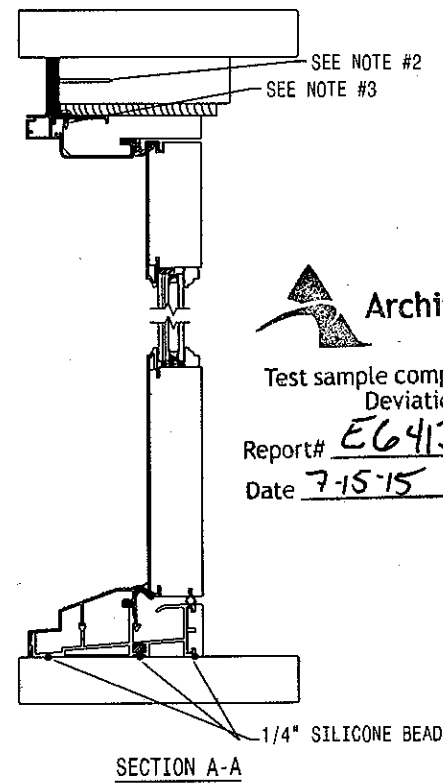
Test Report No.: E6414.02-201-44  
Report Date: 05/16/15

## **Appendix A**

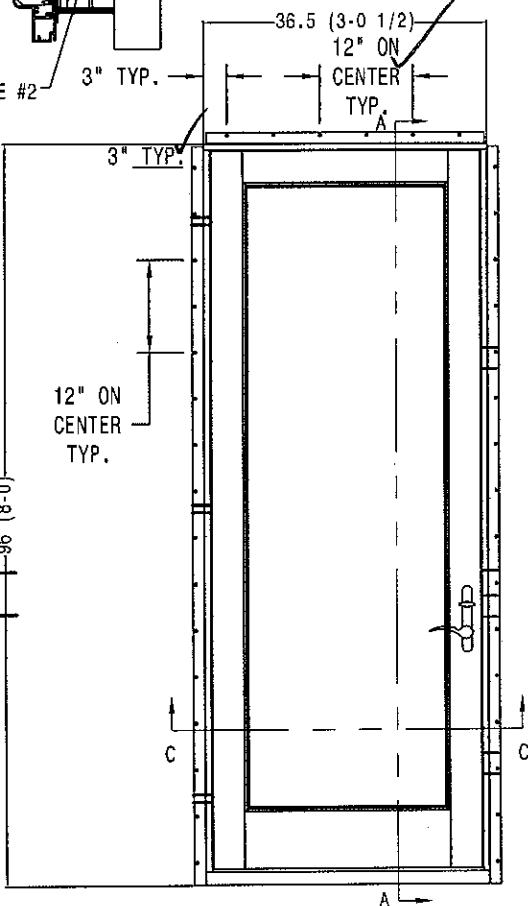
### **Drawings**



REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



SECTION C-C SEE NOTE #2

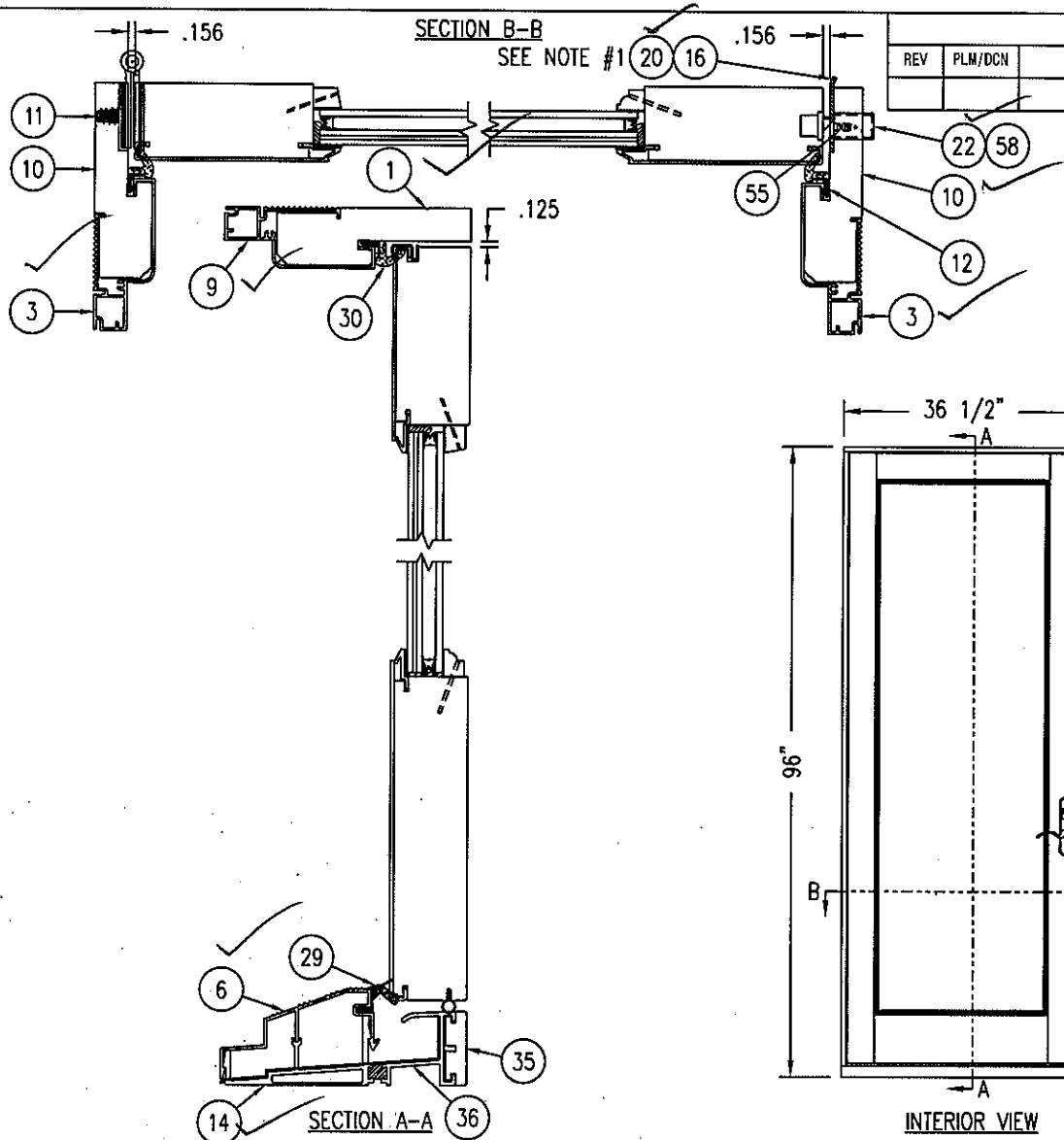


**Architectural Testing**  
 Test sample complies with these details.  
 Deviations are noted.  
 Report# EG413  
 Date 7-15-15 Tech WD

SECTION A-A

- Notes:
- (6) #10 X 2 1/2" SCREWS THROUGH HINGES INTO BUCK. (2 PER HINGE)
  - 2" ROOFING NAILS THROUGH NAILFIN INTO BUCK 3" FROM EACH END OF DOOR AND 12" ON CENTER THEREAFTER.
  - (2) #8 X 1/2" PPH TEKS #2 ZINC SCREW THROUGH NAILFIN INTO DOOR FRAME 3" FROM EACH END OF DOOR AND 12" ON CENTER THEREAFTER.
  - (7) #10 X 2 1/2" SCREWS THROUGH SIDE JAMB STRIKE PLATES INTO BUCK.

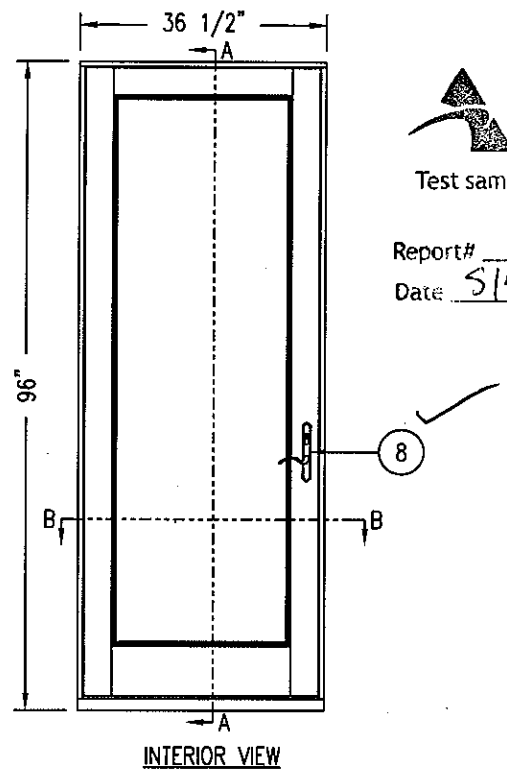
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<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTION: ± 1/64 ANGLES: ± 1/2			DRAWN BY <b>TPFILE</b>	DATE <b>2/24/2015</b>
			ENGINEER	DATE
			PLM / DCN	DATE
			TITLE <b>HINGED PATIO DOOR - INSWING (IMPACT IG) INSTALLATION DETAIL</b>	
			SCALE <b>NO SCALE</b>	DRAWING NUMBER <b>T053W</b>
			SHEET <b>2 of 3</b>	



REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



Architectural Testing  
 Test sample complies with these details.  
 Deviations are noted.  
 Report# EG413  
 Date 5/5/15 Test GR



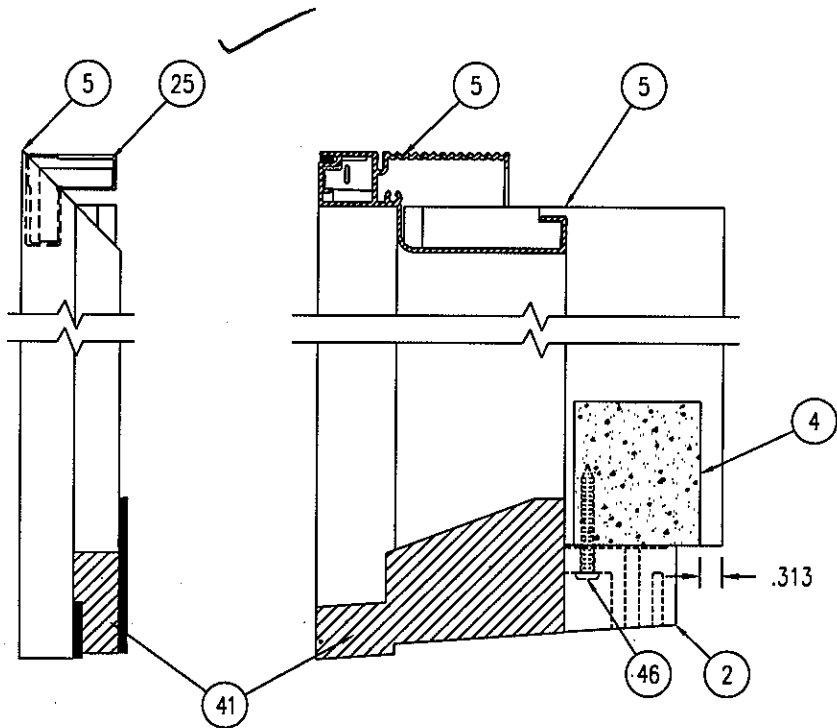
Notes:  
 1. A DUST COVER IS PLACE UNDER EACH STRIKE PLATE.

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PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS: ± .005 FRACTION: ± 1/64 ANGLES: ± 1/2	DRAWN BY <b>TPFILE</b>	DATE <b>3/23/2015</b>	
	ENGINEER	DATE	
	PLM / DCN		
TITLE <b>E-Series/Eagle</b> <b>CLAD HINGED PATIO DOOR - INSWING (IMPACT)</b> <b>UNIT ASSEMBLY</b>			DRAWING NUMBER <b>T0540</b>
SCALE <b>1:4</b>		SHEET <b>1 of 11</b>	



REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG




 **Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

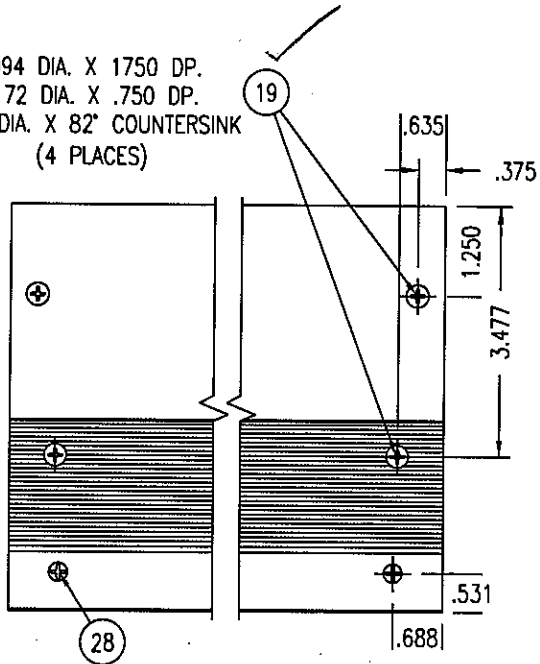
Report# EG413  
Date 5/5/15 Tech GR

Notes:  
1. INSERT CORNER KEYS AFTER APPLYING SILICONE SEALANT.

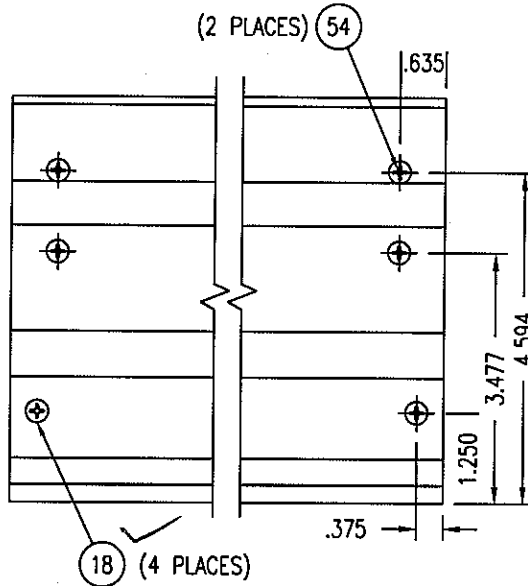
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<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTION: ± 1/64 ANGLES: ± 1/2				<small>DRAWN BY</small> <b>TPFILE</b>	<small>DATE</small> <b>3/23/2015</b>
<small>ENGINEER</small>				<small>DATE</small>	<small>TITLE</small> <b>CLAD HINGED PATIO DOOR - INSWING (IMPACT) UNIT ASSEMBLY</b>
<small>PLM / DCN</small>				<small>SCALE</small> <b>1:2 1/2</b>	<small>DRAWING NUMBER</small> <b>T0540</b>
<small>SHEET</small>				<b>2 of 11</b>	

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRAFT	ENG

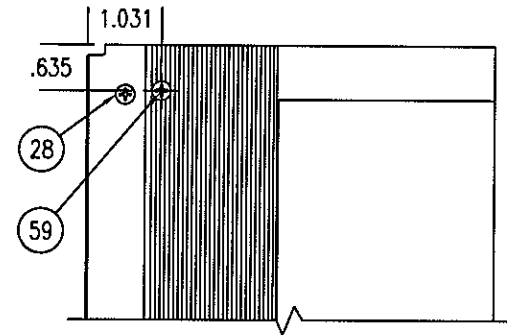
.094 DIA. X 1750 DP.  
.172 DIA. X .750 DP.  
.310 DIA. X 82° COUNTERSINK  
(4 PLACES)



HEAD (4 9/16")



SILL (4 9/16")



JAMB (4 9/16")



Test sample complies with these details.  
Deviations are noted.

Notes:  
Report# EG413  
Date 5/5/15 Tech GR

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PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED  
DECIMALS: ± .005  
FRACTION: ± 1/64  
ANGLES: ± 1/2

DRAWN BY  
TPFILE  
ENGINEER  
PLM / DCN  
DATE  
3/23/2015  
DATE

WINDOWS & DOORS  
**Andersen**

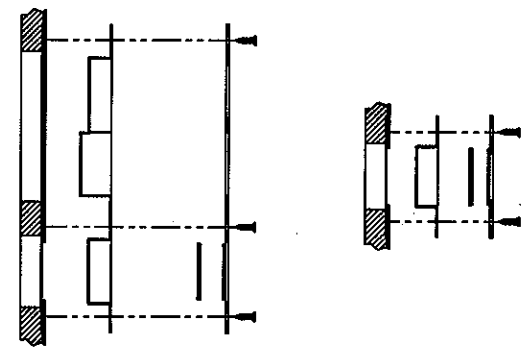
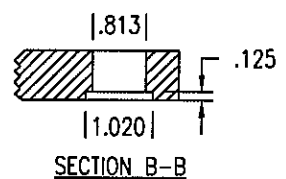
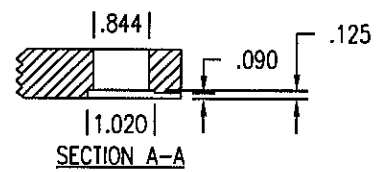
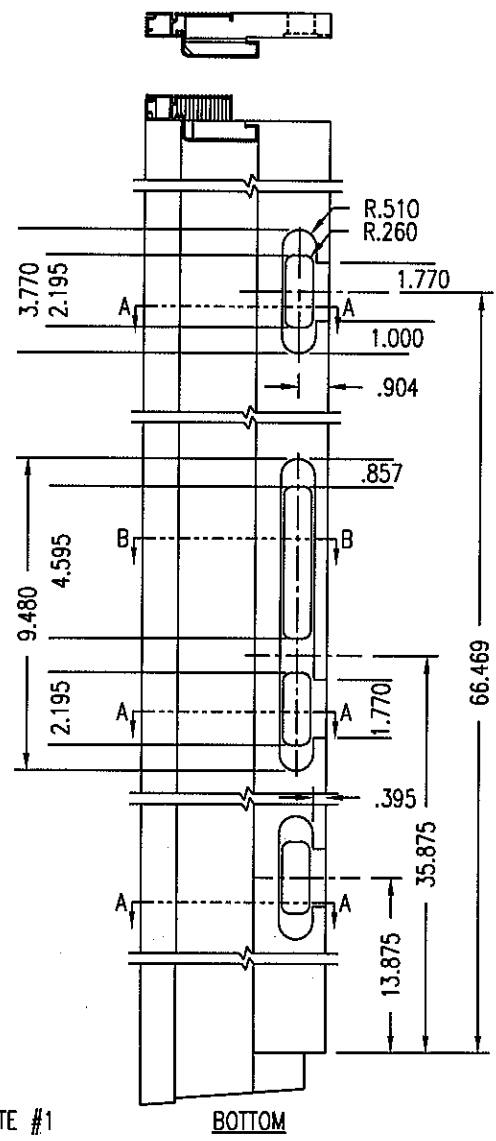
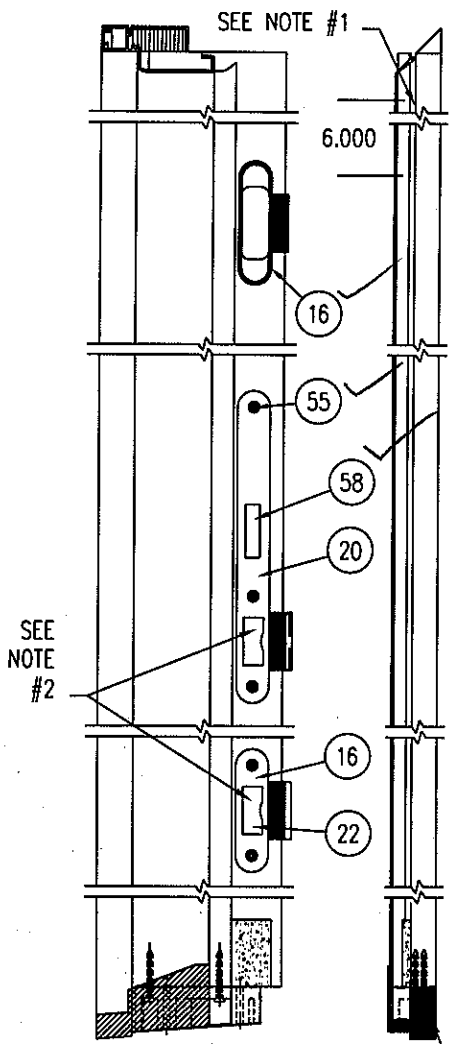
E-Series/Eagle

TITLE  
CLAD HINGED PATIO DOOR - INSWING (IMPACT)  
FRAME ASSEMBLY

SCALE  
1:2 1/2  
SHEET  
3 of 11

DRAWING NUMBER  
T0540

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



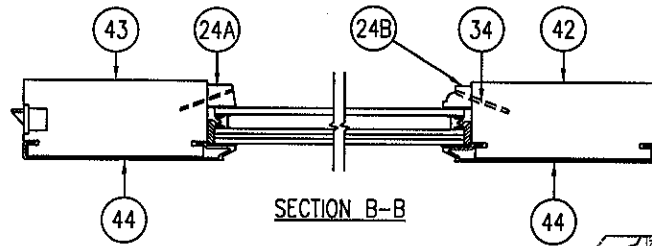
- Notes:
1. APPLY A 1/8" DIA. BEAD OF SILICONE ENTIRE INSIDE PERIMETER ON TOP OF RISER BLOCK.
  2. A DUST COVER IS PLACE UNDER EACH STRIKE PLATE.



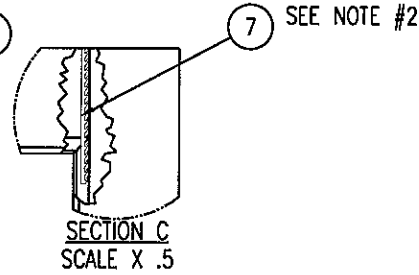
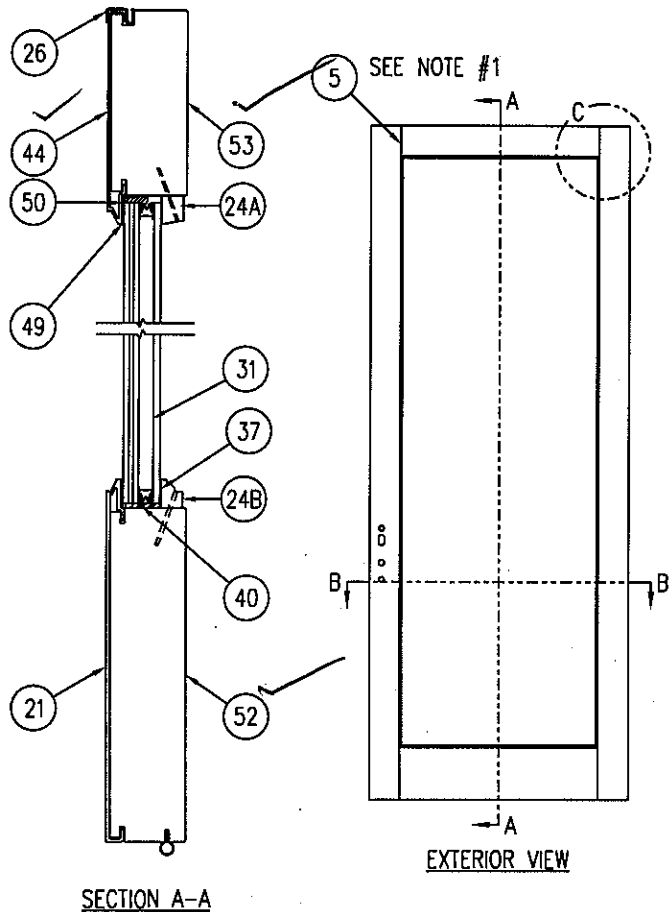
Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/5/15 Tech Ge

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<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTIONS: ± 1/64 ANGLES: ± 1/2		DRAWN BY <b>TPFILE</b>	DATE <b>3/23/2015</b>
TITLE <b>CLAD HINGED PATIO DOOR - INSWING (IMPACT) PANEL ASSEMBLY</b>		SCALE <b>1:5 1/2</b>	DRAWING NUMBER <b>T0540</b>
SHEET <b>4 of 11</b>			



REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



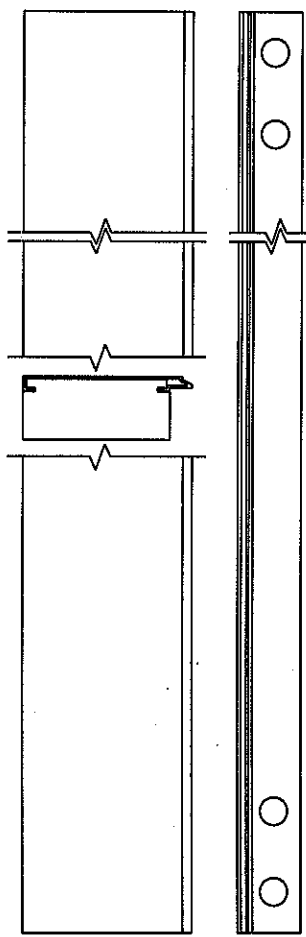
Test sample complies with these details.  
Deviations are noted.

Report# EC413  
Date 5/5/15 Tech GR

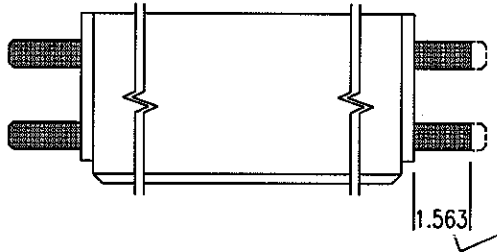
- Notes:
1. SILICONE OR BUTYL TAPE SEALANT MUST RUN ENTIRE LENGTH OF SEAM BETWEEN STILE AND RAIL CLADDING.
  2. ONE PANEL WEDGE IS INSERTED AT EACH END OF STILES (4 TOTAL).

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<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTION: ± 1/64 ANGLES: ± 1/2		TITLE <b>E-Series/Eagle</b> CLAD HINGED PATIO DOOR - INSWING (IMPACT) PANEL ASSEMBLY	
DRAWN BY <b>TPFILE</b>	DATE <b>3/23/2015</b>	SCALE <b>1:4</b>	DRAWING NUMBER <b>T0540</b>
ENGINEER	DATE	SHEET <b>5 of 11</b>	
PLM / DCN			

REVISIONS					
REV	PLN/DCN	DESCRIPTION	DATE	DRAFT	ENG



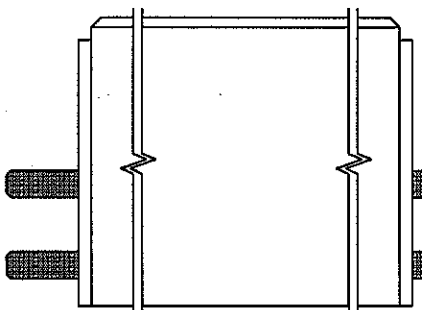
STILE



1.563

TOP RAIL

SEE NOTE #1



27

SEE NOTE #3

BOTTOM RAIL

57

**Architectural Testing**  
 Test sample complies with these details.  
 Deviations are noted.  
 Report# EG413  
 Date 5/5/15 Tech GE

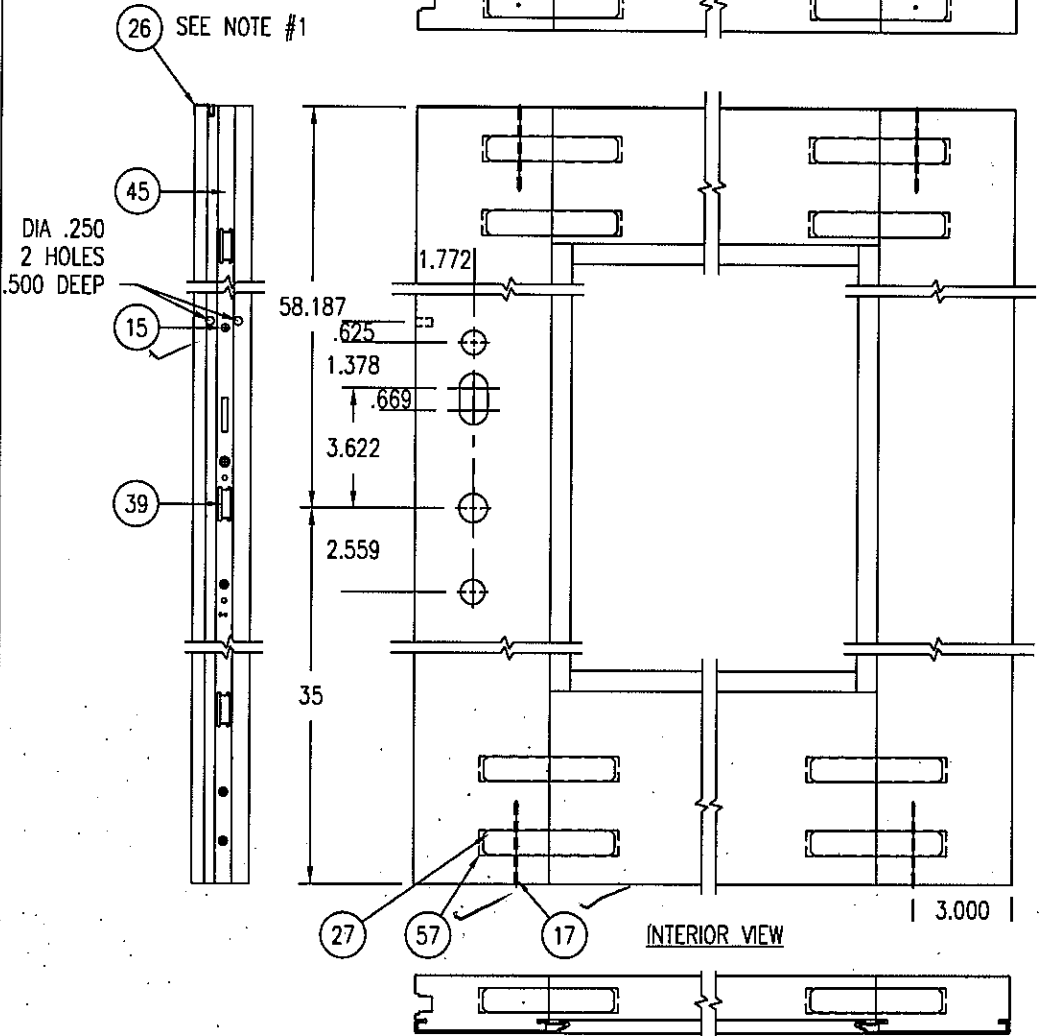
- Notes:
1. INJECT 1.75 TO 2.00 CC OF GLUE INTO EACH RAIL HOLE AND INSERT DOWEL UNTIL FULLY SEATED.
  2. APPLY THIN COAT OF GLUE TO ENTIRE SURFACE OF STILE HOLE AND DOWEL PRIOR TO ASSEMBLING PANEL.

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PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	DATE
	TPFILE	3/23/2015
	ENGINEER	DATE
DECIMALS: ± .005	PLN / DCN	
FRACTION: ± 1/64		
ANGLES: ± 1/2		

<b>Andersen</b> E-Series/Eagle	
TITLE CLAD HINGED PATIO DOOR - INSWING (IMPACT) PANEL ASSEMBLY	
SCALE 1:5	DRAWING NUMBER
SHEET 6 of 11	T0540

REVISIONS					
REV	PLN/DCN	DESCRIPTION	DATE	DRFT	ENG



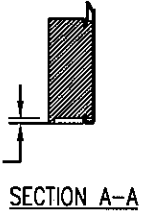
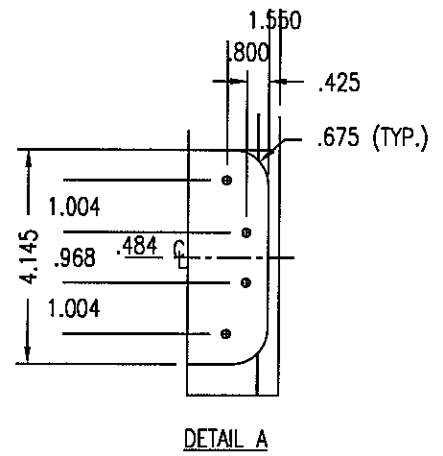
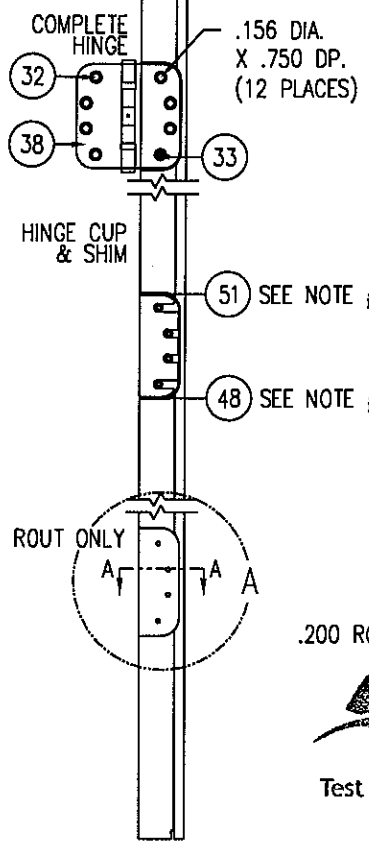
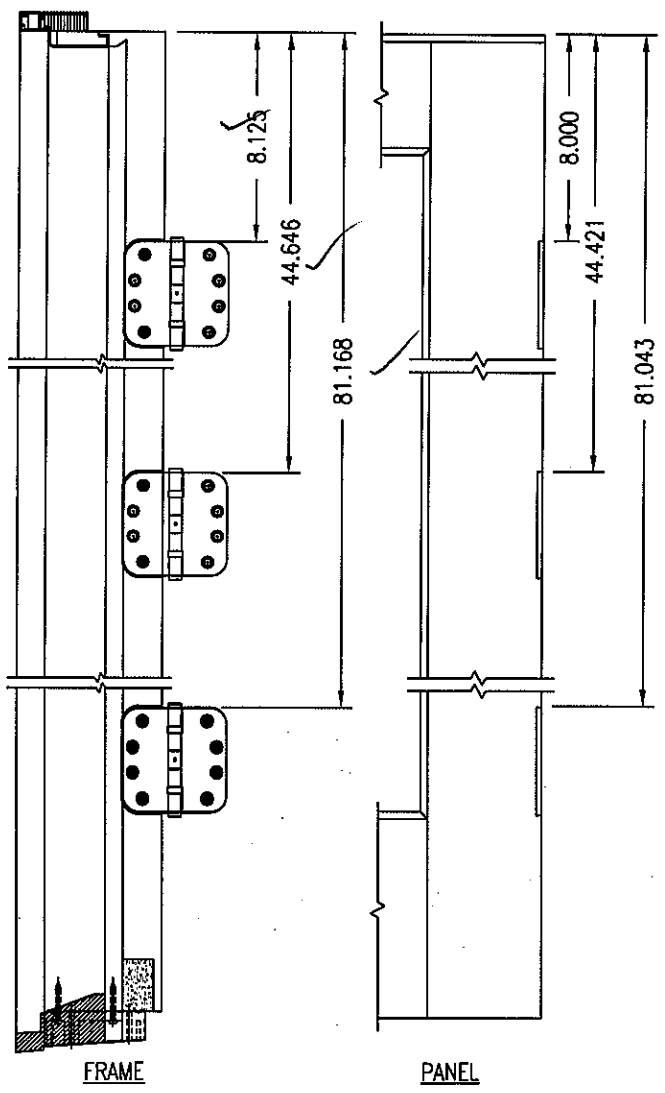
Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/5/15 Tech GR

Notes:  
1. A BEAD OF SILICONE SEALANT MUST BE APPLIED TO ENDS OF STILE CLADDING AND THE ENTIRE WIDTH OF PANEL INSTALLING CAP.

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<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTIONS: ± 1/64 ANGLES: ± 1/2	<small>DRAWN BY</small> <b>TPFILE</b> <small>ENGINEER</small>	<small>DATE</small> <b>3/23/2015</b> <small>DATE</small>	<small>TITLE</small> <b>CLAD HINGED PATIO DOOR - INSWING (IMPACT) PANEL ASSEMBLY</b>
	<small>PLN / DCN</small>	<small>SCALE</small> <b>1:5 1/2</b>	<small>DRAWING NUMBER</small> <b>T0540</b>
		<small>SHEET</small> <b>7 of 11</b>	

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



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

Report# EG413  
 Date 5/5/15 Tech GR

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

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<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTION: ± 1/64 ANGLES: ± 1/2				<b>E-Series/Eagle</b> <b>CLAD HINGEO PATIO DOOR - INSWING (IMPACT)</b> <b>HINGE PREP</b>	
DRAWN BY <b>TPFILE</b>	DATE <b>3/23/2015</b>	SCALE <b>1:7</b>	DRAWING NUMBER <b>T0540</b>		
ENGINEER	DATE	SHEET <b>8 of 11</b>			
PLM / DCN					

NO.	DRAWING	DESCRIPTION	QUANTITY	MATERIAL
1	221M	HEAD JAMB	1	WOOD (FJ)
2	0108128/0	JAMB RISER BLOCK	2	
3	A63W	4 9/16" WALL JAMB CLADDING	2	ALUMINUM
4	A58N	2" FOAM CORNER PAD	2	
5	A030	SILICONE SEALANT	AS REQUIRED	SILICONE
	MDS0103	SEALANT BUTYL TAPE	AS REQUIRED	BUTYLE RUBBER
6	0107873	CFDI 4 9/16" SILL CAP	1	ALUMINUM
7	A699	PANEL WEDGE	4	NYLON
8	A395	GU HANDLE ASSEMBLY	1	S/S
9	A63W	4 9/16" WALL HEAD CLADDING	1	ALUMINUM
10	221M	SIDE JAMB	1	WOOD
11	A05X	#10-24 THREADED INSERT	6	ZINC
12	A62B	FRAME WEATHERSTRIP	2	
13	A39A	#10-24 X 5/8" FH. MS. (HINGE TO THREADED INSERT)	AS REQUIRED	
14	0107867	4 9/16" SILL BASE	1	ALUMINUM
15	0106082	#7 X 1 1/4" FHMS S.S.	AS REQUIRED	S/S
16	A517	TOP & BOTTOM LATCH STRIKE	2	
17	0109889	2 1/2" BRAD .077 DIA.	4	GALVANIZED STEEL
18	A28T	#8 X 2 1/2" FHMS	4	STEEL
19	0107031	#8 X 1 3/4" FHWS Z&Y	AS REQUIRED	STEEL
20	A79X	CENTER STRIKE PLATE (SECURITY LATCH & DEADBOLT)	1	S/S
21	A64K	8" BOTTOM RAIL CLADDING	1	ALUMINUM
22	A47A	DUST CUP FOR T&B LATCH STRIKE	2	
23	A661	LOWER PANEL WEATHERSTRIP	1	
24A	0108397	CONTEMPORARY GLASS STOP (OPTIONAL)	4	WOOD
24B	0106551	COLONIAL GLASS STOP	4	WOOD
25	0106061	NYLON CORNER KEY	2	
26	A49X	PANEL CAP	1	ALUMINUM
27	A01D	WOOD ADHESIVE	AS REQUIRED	COPOLYMER
28	0106062	#8 X 7/16" HEAD FHMS S.S.	4	S/S
29	A59Y	SILL WEATHERSTRIP	1	
30	A62G	FRAME WEATHERSTRIP	1	
31	0106317	7/8" HARBORMASTER IG GLASS	1	GLASS
32	A515	#12 X 2 1/2" FHWS S.S.	AS REQUIRED	S/S
33	A516	#12 X 1 1/2" FH. WS. (FPL)	AS REQUIRED	
34	0108597	1 1/4" 18GA HARD STEEL BRAD	AS REQUIRED	STEEL
35	0108128	OAK SILL TRIM	1	
36	A52X	4 9/16" SILL FOAM TAPE	2	
37	A264	ADHESIVE TAPE	2	POLYETHYLENE
38	A49P	COMMERCIAL HINGE	3	STAINLESS STEEL
39	A38E	GU CENTER GEAR	1	
40	0108593	GLASS SETTING BLOCK	AS REQUIRED	NEOPRENE RUBBER
41	A622	4 9/16" SILL JAMB FOAM PAD	2	

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/5/15 Tech GR

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<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTION: ± 1/64 ANGLES: ± 1/2		<b>E-Series/Eagle</b> <small>TITLE</small> <b>CLAD HINGED PATIO DOOR - INSWING (IMPACT)</b> <b>BILL OF MATERIAL</b>	
<small>DRAWN BY</small> <b>TPFILE</b> <small>ENGINEER</small>	<small>DATE</small> <b>3/23/2015</b> <small>DATE</small>	<small>SCALE</small> <b>NO SCALE</b>	<small>DRAWING NUMBER</small> <b>T0540</b>
<small>PLM / DCN</small>		<small>SHEET</small> <b>10 of 11</b>	



REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG

NO.	DRAWING	DESCRIPTION	QUANTITY	MATERIAL
42	20D6	4 1 1/16" HINGE STILE	1	WOOD
43	20DB	4 1 1/16" LOCK STILE	1	WOOD
44	A73Y	4 1 1/16" STILE CLADDING	2	ALUMINUM
45	A38M	G-U TOP EXTENSION	AS REQUIRED	
46	A67F	#8 X 1 1/2" PHSMS S.S	1	
47	A73Y	4 1 1/16" TOP RAIL CLADDING	1	ALUMINUM
48	A47K	HINGE CUP	AS REQUIRED	
49	MDS0052	INSTANT GLAZE II SEALANT	AS REQUIRED	HOT-MELT SILICONE
50	0108101	GLAZING SHIM	AS REQUIRED	NEOPRENE RUBBER
51	A47J	HINGE SHIM	AS REQUIRED	
52	20DJ	8" BOTTOM RAIL	1	WOOD
53	20D6	4 1 1/16" TOP RAIL	1	WOOD
54	0108140	#6 X 1" FH. ES.	AS REQUIRED	
55	0106302	#7 X 5/8" FHMS S.S	AS REQUIRED	S/S
56	0105980	#7 X 7/8" FHWS S.S.	AS REQUIRED	S.S
57	20A4	WOOD DOWEL	AS REQUIRED	WHITE BIRCH
58	0105220	CENTER STRIKE DUST CUP	1	
59	0108140	#6 x 1 1/4" FHWS TEKS POINT S.S	2	



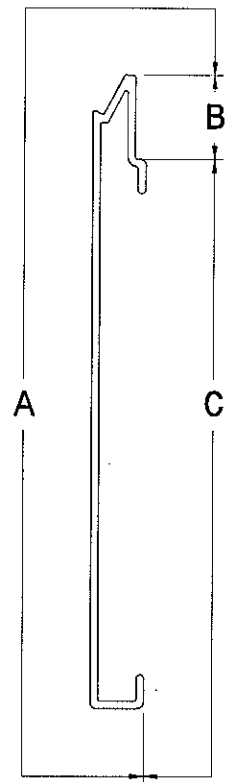
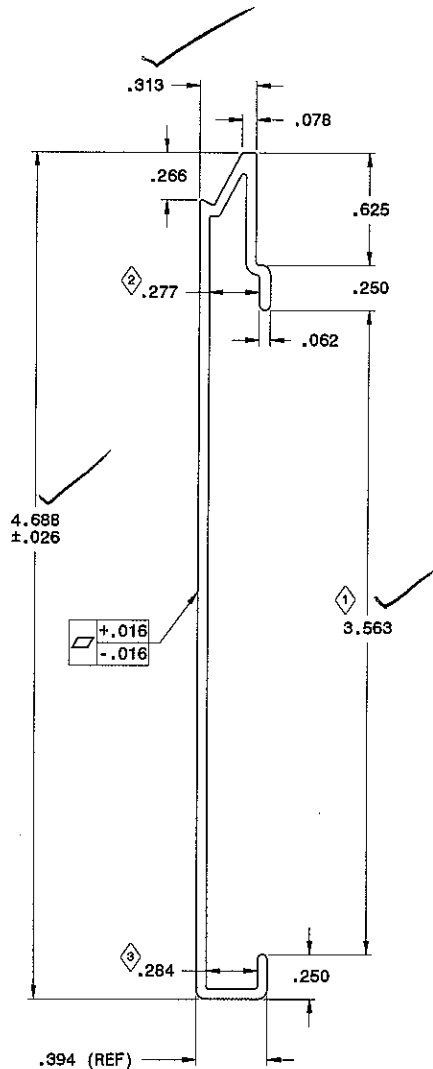
**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/5/15 Tech GR

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		<b>E-Series/Eagle</b>	
<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± .005 FRACTION: ± 1/64 ANGLES: ± 1/2		<small>DRAWN BY</small> <b>TPFILE</b> <small>ENGINEER</small>	<small>DATE</small> <b>3/23/2015</b> <small>DATE</small>
		<small>TITLE</small> <b>CLAD HINGED PATIO DOOR - INSMWG (IMPACT)</b> <b>BILL OF MATERIAL</b>	
		<small>SCALE</small> <b>NO SCALE</b>	<small>DRAWING NUMBER</small> <b>T0540</b>
		<small>SHEET</small> <b>11 of 11</b>	

REVISIONS				
REV	PO/PLM	DESCRIPTION	DATE	ENG DRFT
BG-00	21682	REVISED NOTES	6/1/2012	KJS



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# EG43  
Date 5/8/13 Tech GR

- NOTES:
- SEE MASTER CAD DATABASE FOR DIMENSIONS NOT SHOWN.
  - ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
  - WALL THICKNESS = .055, UNLESS NOTED.
  - AREA = .345 SQ. IN.
  - CRITICAL DIMENSIONS: ① THRU ⑤

**EAGLE MILL #M1889**

**Eagle**<sup>®</sup>  
WINDOWS & DOORS  
an Andersen Company

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PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED

DECIMALS: ±  
ANGLES: ±

DRAWN BY: KJS	DATE: 9/13/2011
CHECKED BY:	DATE:
ENGINEER:	DATE:

TITLE:  
**PROFILE, 4 11/16" PANEL COVER**

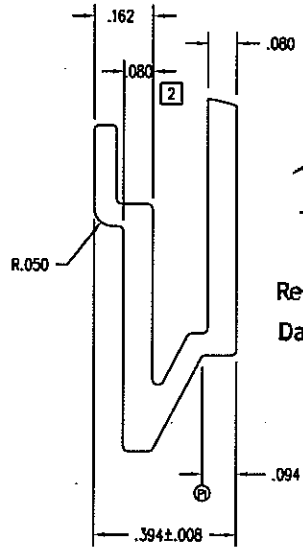
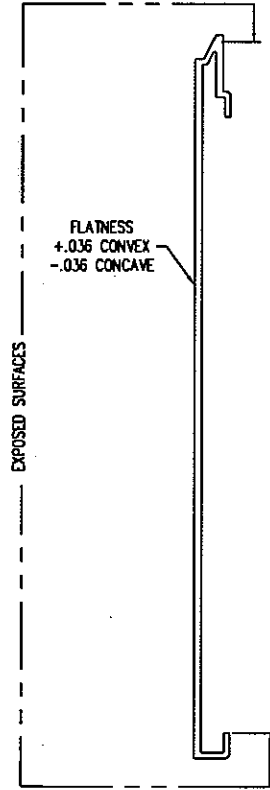
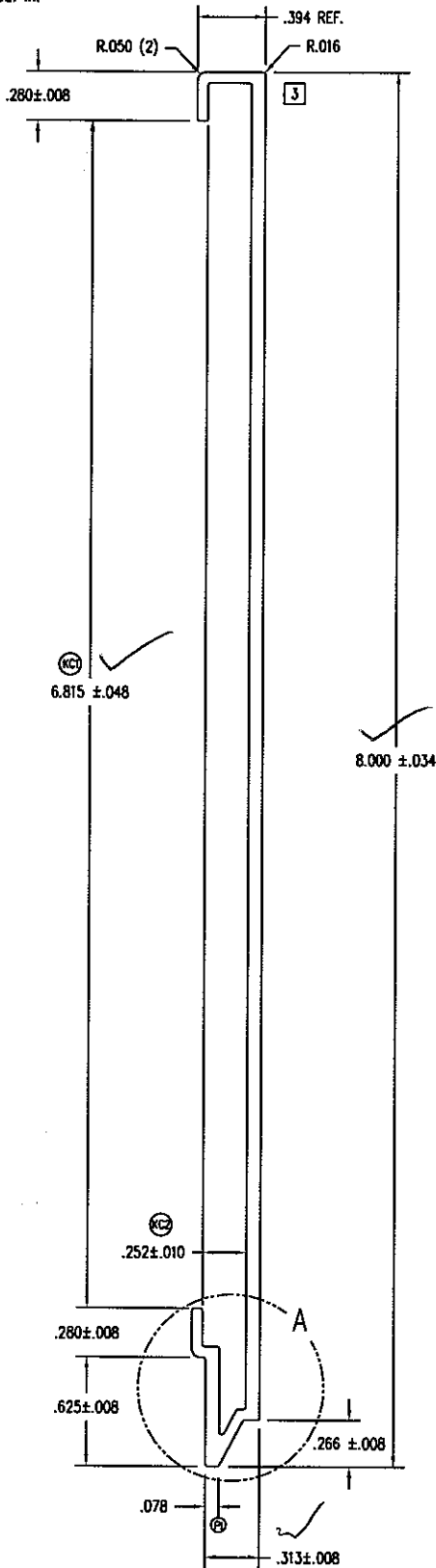
PROFILE

C0106	MP033	PD300	MM035
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SCALE: 2X  
DRAWING NUMBER: 0107585.IPT  
SHEET: 1 OF 6  
**A73Y**

EXTRUDED ALUMINUM PROFILE TOLERANCES	
DIMENSION	POINT OF USE TOL
.000-.399	±.007
.400-.999	±.010
1.000-1.499	±.012
1.500-1.999	±.014
2.000-3.999	±.024
4.000-5.999	±.034
WALL THICKNESS	±.007
ANGULAR TOL	±1°

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .  
 2. WALL THICKNESS TO BE .062 UNLESS OTHERWISE SPECIFIED.  
 3. ALL CORNERS TO BE .015 UNLESS OTHERWISE SPECIFIED.  
 4. AREA = .743 SQ. IN.



DETAIL A  
SCALE: 2 = 1



Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 8/5/15 Tech GR

TOLERANCES (UNLESS NOTED)	
THICKNESS	$\pm .006$
ANGLES	$\pm 1^\circ$
.000 - .399	$\pm .007$
.400 - .999	$\pm .010$
1.000 - 1.499	$\pm .012$
1.500 - 1.999	$\pm .014$
2.000 - 3.999	$\pm .024$
4.000 - 5.999	$\pm .034$
6.000 - 7.999	$\pm .044$
8.000 - 9.999	$\pm .054$
10.000 & ABOVE	$\pm .060$

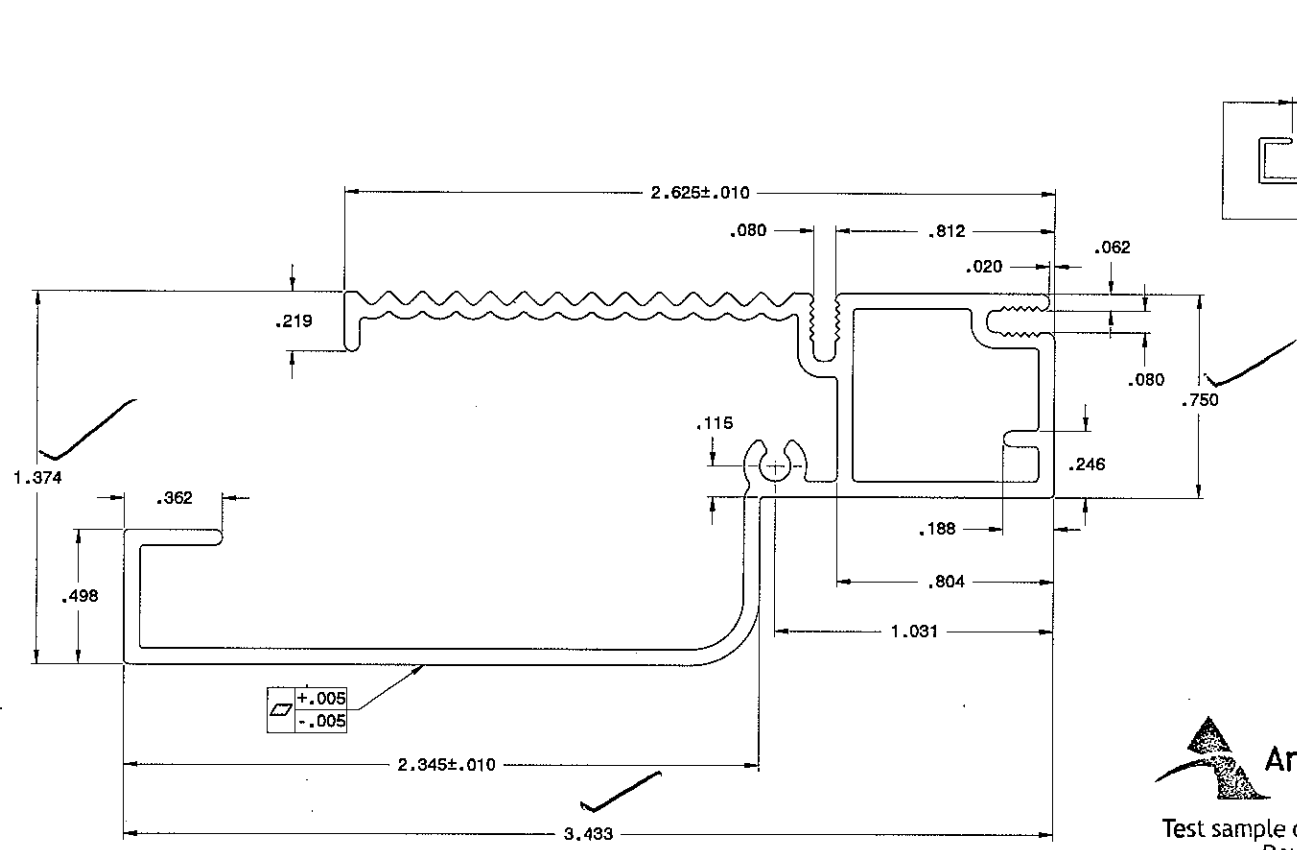
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TITLE: 8" PANEL CLADDING INTERLOCK FIT  
FINISH: EAGLE'S STD. COLORS

MATL: 6063 T-6 ALUMINUM

03	MADE CORNER RADIUS .015	AWW	PRE	10/7/04			
02	MADE WALL .060, NOT .062	AWW	PRE	6/28/04	DFT:	AWW	SCALE: 1=1
01	REMOVED 'BUMPS'	TWN	PRE	5/5/04	DCN:	0736	DRWG: A64K
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 7/14/2003	C	01 OF 02

REVISIONS				
REV	PO/PLM	DESCRIPTION	DATE	ENG DRFT
BH-00	22956	REVISED LOCATION OF DIM L ON PAGE 2	5/1/2013	MLP



Test sample complies with these details.  
Deviations are noted.

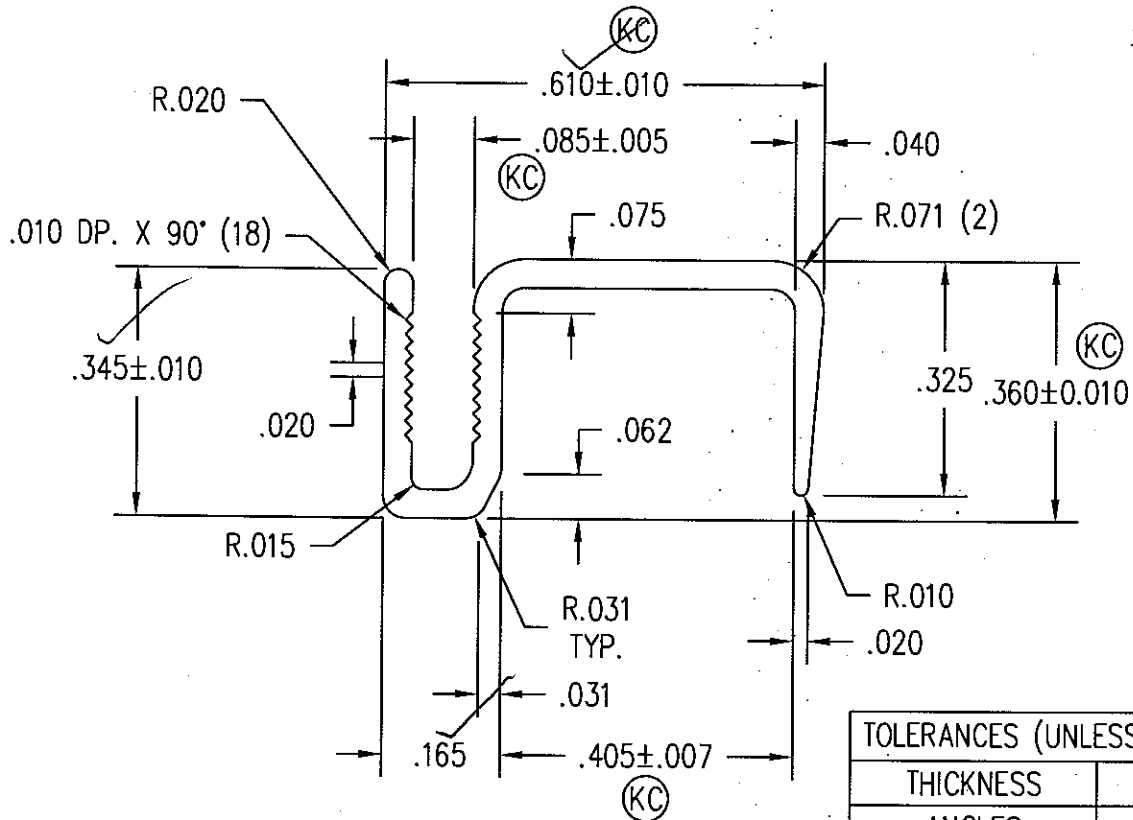
Report# E6413  
Date 5/5/15 Tech GR

- NOTES:
1. SEE MASTER CAD DATABASE FOR DIMENSIONS NOT SHOWN.
  2. ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
  3. WALL THICKNESS = .058, UNLESS NOTED.
  4. AREA = .569 SQ. IN.

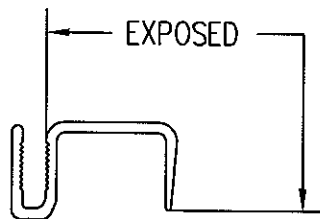
DIMENSION	PROFILE TOLERANCE POINT OF USE TOL
.000-.399	±.007
.400-.999	±.010
1.000-1.499	±.012
1.500-1.999	±.014
2.000-3.999	±.024
WALL THICKNESS	±.007
ANGULAR TOL	±1°

ANDERSEN CORPORATION ALL RIGHTS RESERVED. PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE: PROFILE, 4 9/16" WALL, JAMB COVER, ISPD	
DECIMALS: ±	ANGLES: ±	SPECIFICATIONS:	
DRAWN BY: KJS	DATE: 9/9/2011	C0106	MP033 PD300 MM035
CHECKED BY:	DATE:	SCALE: 3X	DRAWING NUMBER: 10107578.LPT
ENGINEER:	DATE:	SHEET: 1 OF 4	
		<b>A63W</b>	

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



TOLERANCES (UNLESS NOTED)	
THICKNESS	$\pm 0.006$
ANGLES	$\pm 1^\circ$
.000 - .399	$\pm 0.007$
.400 - .999	$\pm 0.010$
1.000 - 1.499	$\pm 0.012$
1.500 - 1.999	$\pm 0.014$
2.000 - 3.999	$\pm 0.024$
4.000 - 5.999	$\pm 0.034$
6.000 - 7.999	$\pm 0.044$
8.000 - 9.999	$\pm 0.054$
10.000 & ABOVE	$\pm 0.060$



### Architectural Testing

Test sample complies with these details.  
 Deviations are noted.

Report# EG413  
 Date 5/5/15 Tech GR

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TITLE: PROFILE, PANEL CAP, HINGED PATIO

FINISH: EAGLE'S STD. COLORS

MATL: 6030 T-6 ALUMINUM

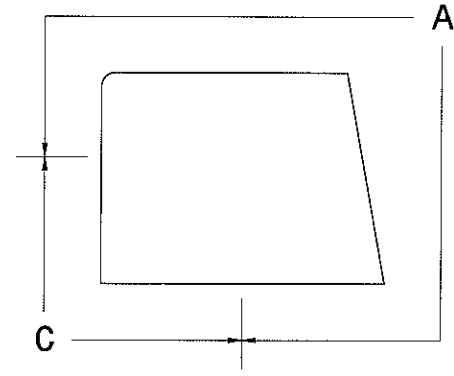
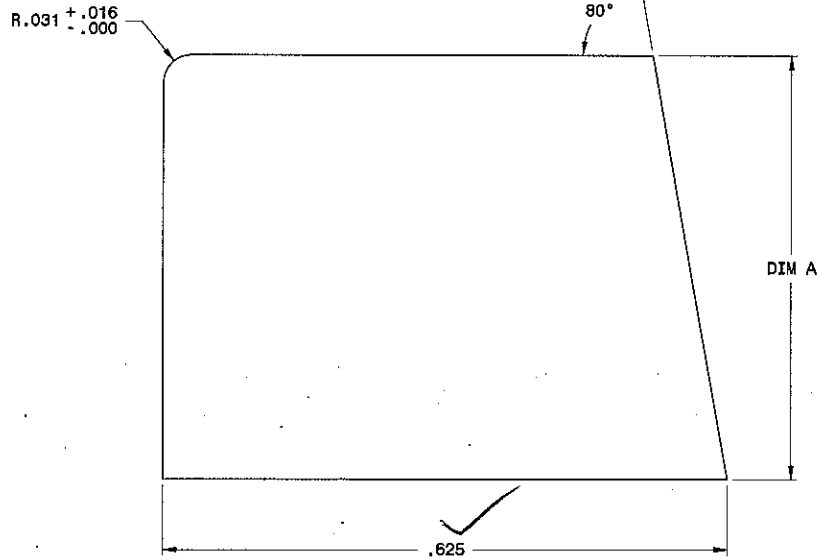
DFT: TWN SCALE: 4=1

DCN: 0838 DRWG: A49X

DATE: 9/7/2001 A 01 OF 02

BD	UPDATE	TITLE	KJS	21682	6/7/12
NO		DESCRIPTION	DFT	DOC	DATE

REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BA-00	22786	MIGRATED TO INVENTOR, UPDATED STANDARDS	1/7/2014		TWN



Test sample complies with these details.  
Deviations are noted.

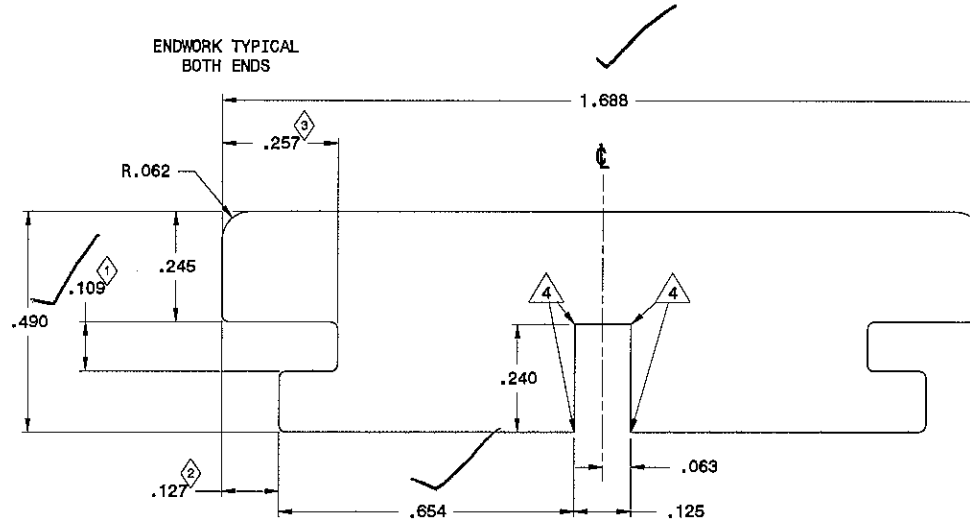
Report# EG413  
Date 5/5/15 Tech GR

NOTES:

1. REFER TO MASTER CAD MODEL FOR DIMENSIONS NOT SHOWN.
2. ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
3. CRITICAL DIMENSIONS USED:  
CRITICAL DIMENSIONS INACTIVE:

2014 ANDERSEN CORPORATION ALL RIGHTS RESERVED		TITLE: <b>PROFILE, CONTEMPORARY GLASS STOP PROFILE</b>			
PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS:			
DECIMALS: ±	ANGLES: ±	PD255	MW001	PD252	PD253
DRAWN BY: tnies	DATE: 1/7/2014	PD276	MP001		
CHECKED BY:	DATE:	SCALE: 4X		DRAWING NUMBER: <b>0108397</b>	
WOOD PROFILE TOLERANCES		SHEET: 1 OF 1		0108397.ZPT	
PROCESS	POINT OF USE TOL				
PROFILE MILL	±.008				
ANGULAR TOL	±1°				

REVISION					
REV	PLM	DESCRIPTION	DATE	ENG	DFT
BB-00	25163	UPDATE STATUS, DWG NUMBER WAS 2225	12/31/2014		KJS



Test sample complies with these details.  
Deviations are noted.

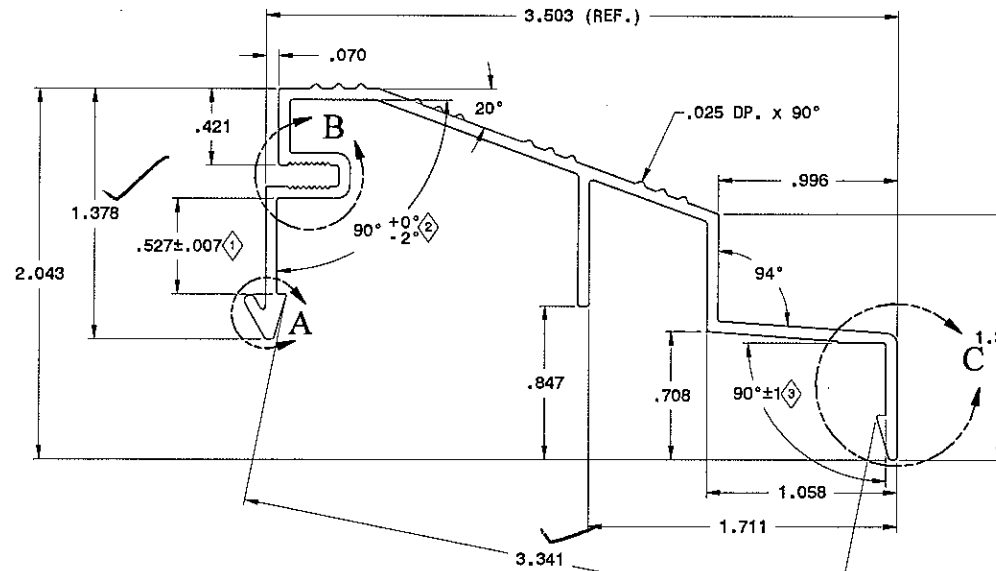
Report# E6413  
Date 5/5/15 Tech GR

- NOTES:
1. REFER TO MASTER CAD MODEL FOR DIMENSIONS NOT SHOWN.
  2. ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
  3. CRITICAL DIMENSIONS USED: ① THRU ④
  4. THESE CORNERS CAN BE SHARP.

WOOD FAB TOLERANCES 1/21/2011	
PROCESS	POINT OF USE TOL
CROSS MILL	±.012
LENGTH	±.020
ROUT SIZE & LOCATION	±.020
ROUT DEPTH	±.020
HOLE LOCATION	±.020
HOLE DIAMETER	±.020
BOW, WARP, CROOK PER FOOT	±.016
BOW, WARP, CROOK TOTAL	±.047
ANGULAR TOL	±1°

2014 ANDERSON CORPORATION ALL RIGHTS RESERVED	TITLE: <b>PROFILE, TRIM, INTERIOR SILL, INSWING HINGED DOOR</b>
PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	PROFILE
DECIMALS: ±	SPECIFICATIONS:
ANGLES: ±	PD255   MM001   PD252   PD253   PD276   MP001
DRAWN BY: KJS	DATE: 2/28/2014
CHECKED BY:	DATE:
ENGINEER:	DATE:
SCALE: 5X	DRAWING NUMBER: 0108126.LPT
SHEET: 1 OF 2	<b>0108126</b>

REVISION					
REV	PLM	DESCRIPTION	DATE	ENG	DFT
BB-00	25163	UPDATE STATUS, DNG NUMBER WAS A63P	12/31/2014	KJS	

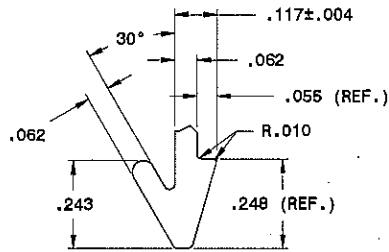


**Architectural Testing**

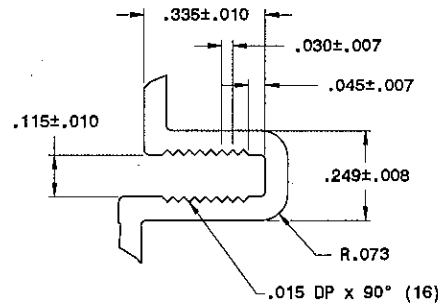
Test sample complies with these details.  
Deviations are noted.

Report# EG413

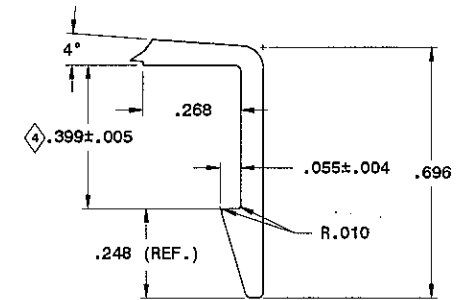
Date 5/5/15 Tech GR



DETAIL A



DETAIL B



DETAIL C

NOTES:

- 1: SEE MASTER CAD DATABASE FOR DIMENSIONS NOT SHOWN.
- 2: ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
- 3: WALL THICKNESS = .062, UNLESS OTHERWISE SPECIFIED.
- 4: AREA = .499 SQ. IN.
- 5: PERIMETER = 15.791 INCHES.
- 6: CRITICAL DIMENSIONS: (1) THRU (3)

EXTRUDED ALUMINUM PROFILE TOLERANCES 1/21/2011	
DIMENSION	POINT OF USE TOL
.000-.399	±.007
.400-.999	±.010
1.000-1.499	±.012
1.500-1.999	±.014
2.000-3.999	±.024
4.000-5.999	±.034
6.000-7.999	±.044
8.500-9.999	±.054
10.000-ABOVE	±.060
WALL THICKNESS	±.007
ANGULAR TOL	±1°

ANDERSON CORPORATION ALL RIGHTS RESERVED	
PERMITTABLE TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMALS: ±	
ANGLES: ±	
DRAWN BY: KJS	DATE: 1/25/2012
CHECKED BY:	DATE:
ENGINEER:	DATE:

TITLE: PROFILE, SILL CAP, 4 9/16", I/S HINGED DR PROFILE	
SPECIFICATIONS: MM035	
SCALE: 2X	DRAWING NUMBER: 0107873.spt
SHEET: 1 OF 1	0107873



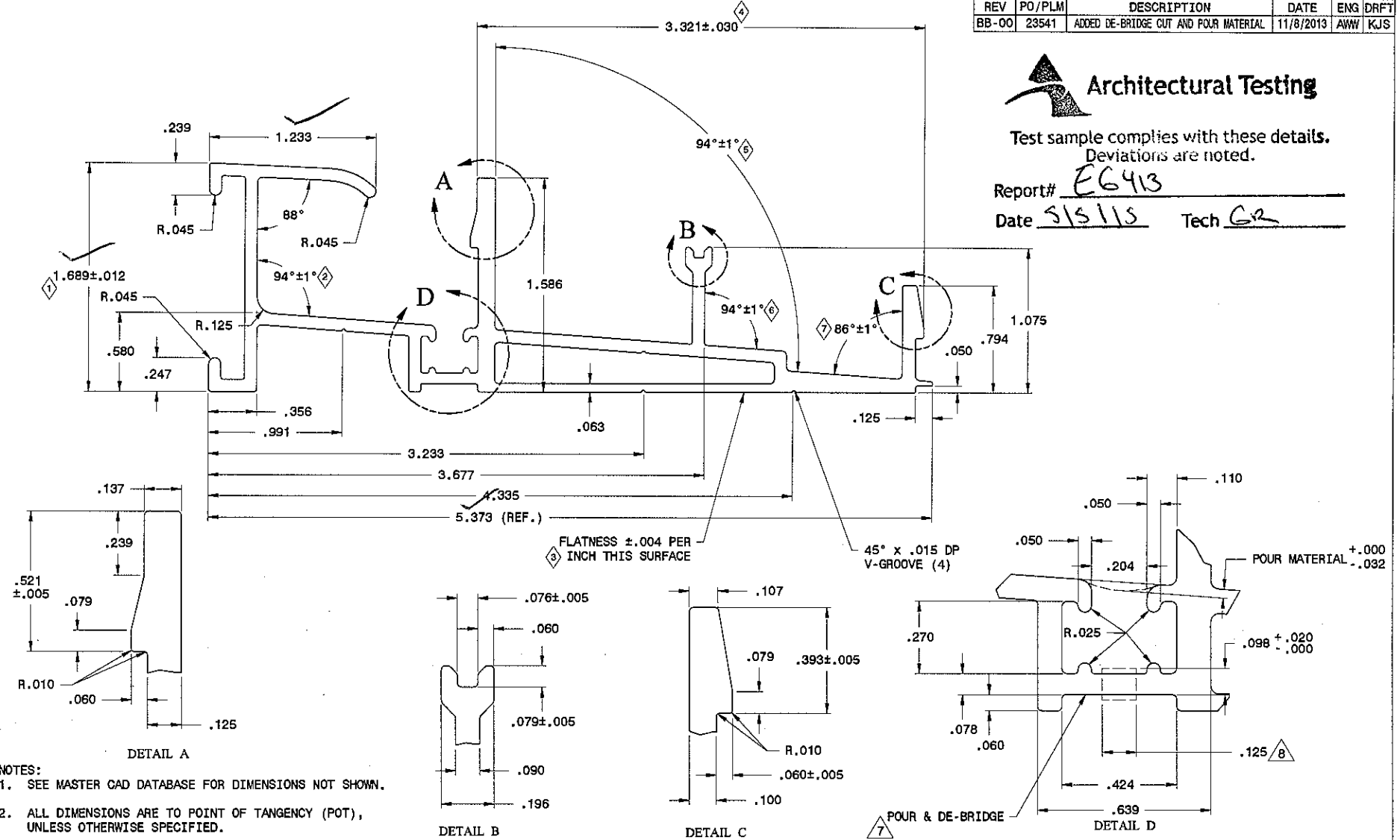
REVISIONS				
REV	PO/PLM	DESCRIPTION	DATE	ENG DRFT
BB-00	23541	ADDED DE-BRIDGE CUT AND POUR MATERIAL	11/8/2013	AWW KJS



## Architectural Testing

Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/5/15 Tech CR



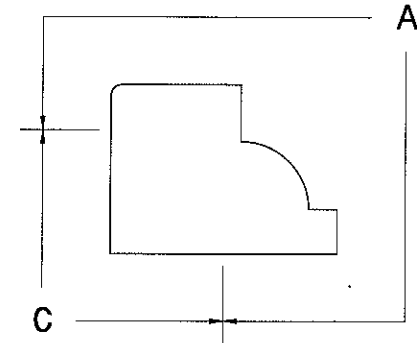
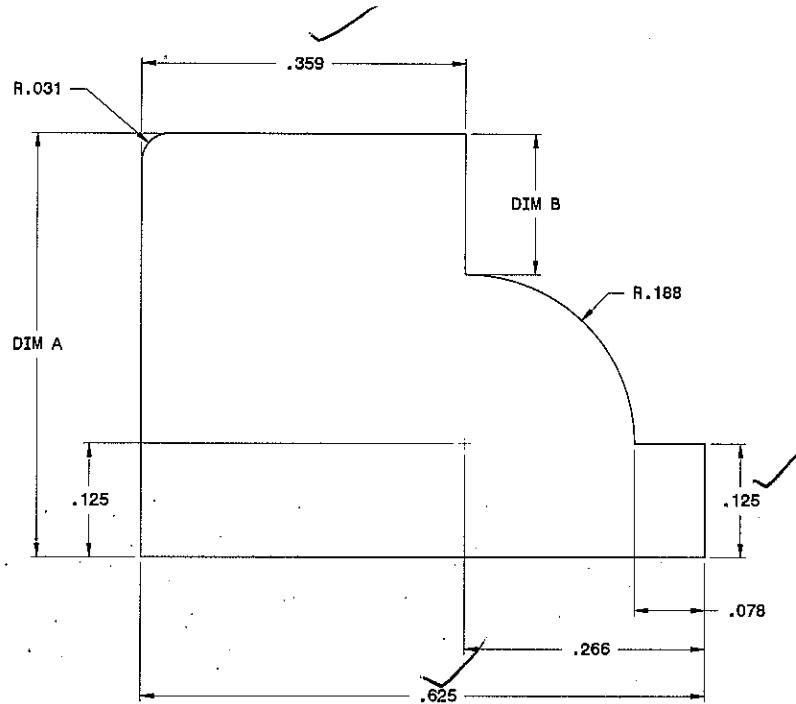
- NOTES:
- SEE MASTER CAD DATABASE FOR DIMENSIONS NOT SHOWN.
  - ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
  - WALL THICKNESS = .090, UNLESS OTHERWISE SPECIFIED.
  - POLYURETHANE THERMAL CONDUCTIVITY VIA ASTM C-518 IS .0913 BTU/HR-FT-DEGREE.
  - AREA = 1.355 SQ. IN. (NOT INCLUDING BREAK)
  - CRITICAL DIMENSIONS: ① THRU ⑦
  - ⑦ AZO-BRAID CAVITY.
  - ⑧ DE-BRIDGE CUT CANNOT LEAVE METAL BEHIND AT ANY POINT - ENTIRE LENGTH OF PART. CUT MUST BE CENTERED BETWEEN LUGS.

EXTRUDED ALUMINUM PROFILE TOLERANCES	
DIMENSION	POINT OF USE TOL.
.000-.399	±.007
.400-.999	±.010
1.000-1.499	±.012
1.500-1.999	±.014
2.000-3.999	±.024
4.000-5.999	±.034
WALL THICKNESS	±.007
ANGULAR TOL	±1°

ANDERSON CORPORATION ALL RIGHTS RESERVED	TITLE: <b>PROFILE, SILL, 4 9/16", I/S HINGED, BASE TBK PROFILE</b>
PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS:
DECIMALS: ±	MM035
ANGLES: ±	
DRAWN BY: KJS	DATE: 1/24/2012
CHECKED BY:	DATE:
ENGINEER:	DATE:
SCALE: 2X	DRAWING NUMBER: <b>0107867</b>
SHEET: 1 OF 1	0107867.spt

REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BB-00	25051	ADDED CHART, DIMENSIONS	10/7/2014		TWN

DIM A	DIM B
.355	.042
.406	.093
.469	.156
.680	.367



**Architectural Testing**  
 Test sample complies with these details.  
 Deviations are noted.  
 Report# EG4.13  
 Date 5/5/15 Tech GR

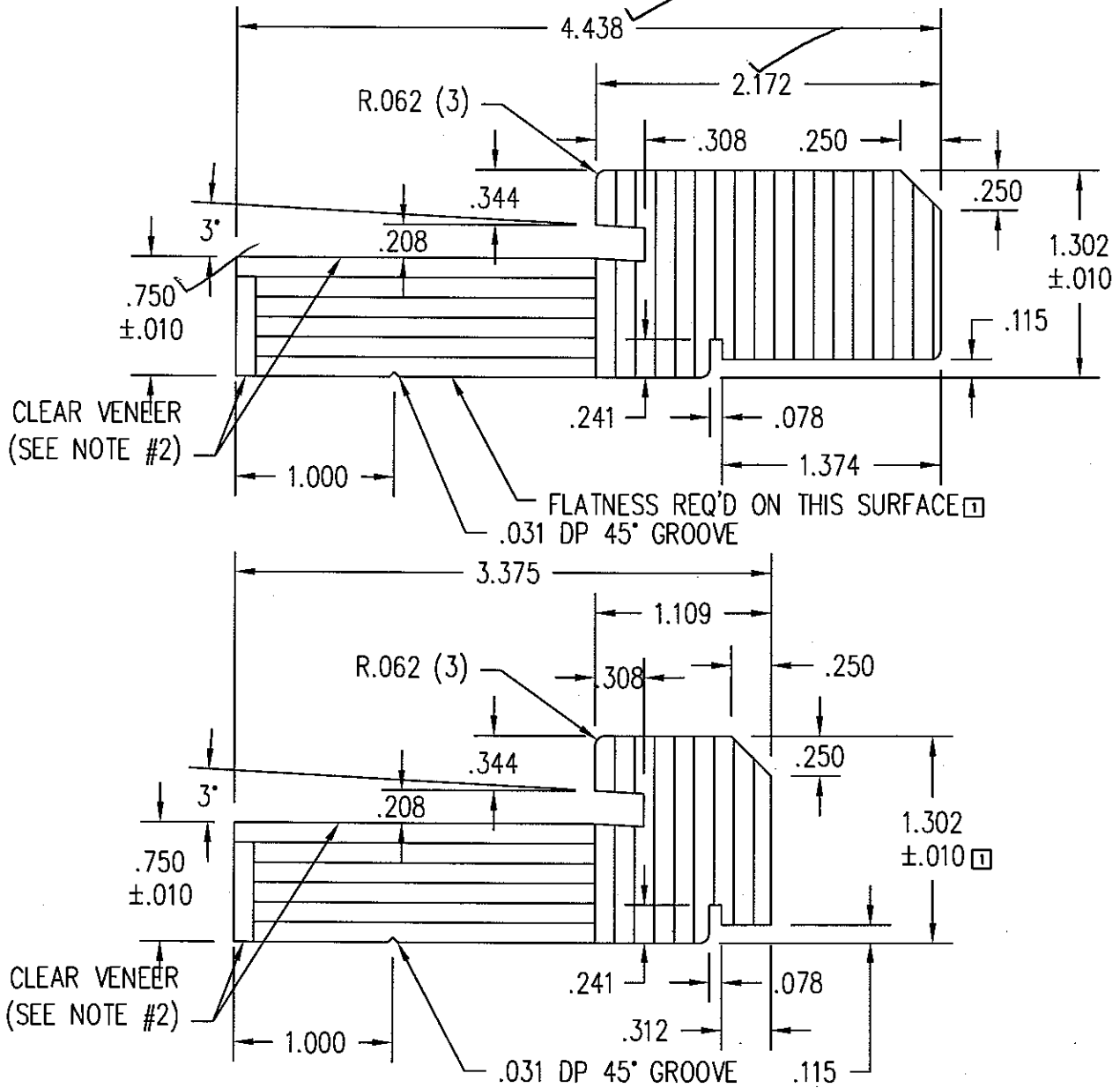
**NOTES:**

1. REFER TO MASTER CAD MODEL FOR DIMENSIONS NOT SHOWN.
2. ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
3. CRITICAL DIMENSIONS USED:  
CRITICAL DIMENSIONS INACTIVE:

WOOD PROFILE TOLERANCES	
PROCESS	POINT OF USE TOL
PROFILE MILL	±.008
ANGULAR TOL	±1°

2014 ANDERSEN CORPORATION ALL RIGHTS RESERVED		TITLE: <b>PROFILE, COLONIAL GLASS STOP PROFILE</b>					
PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS:					
DECIMALS: ±	ANGLES: ±	PD255	MW001	PD252	PD253	PD276	MP001
DRAWN BY: tnies	DATE: 1/8/2014	SCALE: 10X DRAWING NUMBER: 0106551.IPT					
CHECKED BY:	DATE:	SHEET: 1 OF 1					
ENGINEER:	DATE:	<b>0106551</b>					

- 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. THIS VENEER TO HAVE MINIMUM THICKNESS OF .080.



RIPPED DOWN FOR 3 1/2" WALL



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# EG413

Date 5/5/13

Tech GR

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TITLE: CLAD INSWING DOOR  
 WOOD JAMB

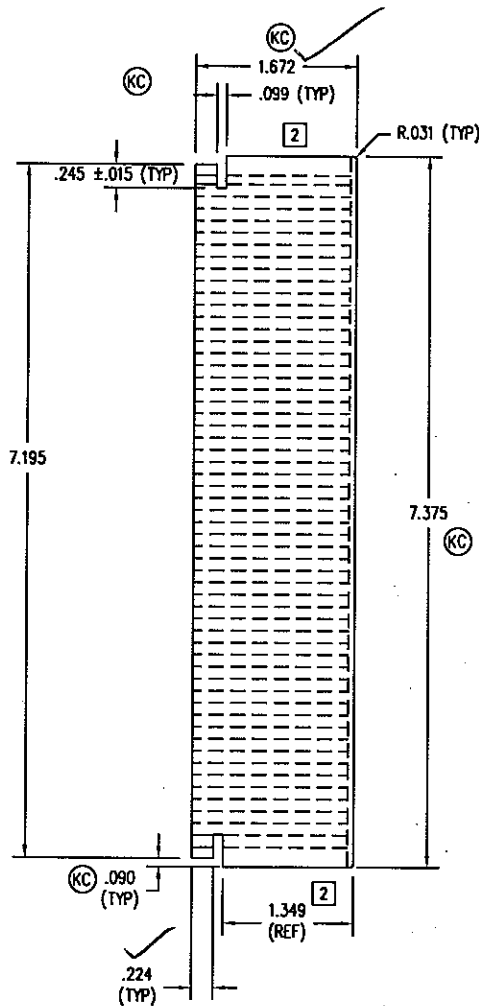
FINISH:

MATL: LVL

DFT: AWW SCALE: 1=1

BE	REVISED CLEAR VENEER CAPS	KJS	23241	7/29/13	DCN: 0794	DRWG: 221M
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 10/31/2002	A 01 OF 05

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.010$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .
2. NO TELEGRAPHING (VISIBILITY) OF CORE GLUE JOINTS THROUGH ANY EXPOSED VENEER SURFACE IS ALLOWED.
3. ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN STAIN GRADE FINAL PRODUCT (i.e.: UNFINISHED, CLEAR FINISHED, STAINED, OR STAINED AND CLEAR FINISHED) IS DEFINED ON DRAWING 200R.
- ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN PAINT GRADE FINAL PRODUCT (i.e.: INTERIOR PRIMED OR INTERIOR PAINTED) INCLUDES ANY OF THE FOLLOWING:
- A. AS DEFINED ON DRAWING 200R.
  - B. EDGE GLUED, FINGER-JOINTED, OR EDGE GLUED AND FINGER JOINTED PINE (SUGAR AND/OR PONDEROSA). ALL GLUED JOINTS MUST BE ADHERED USING AN EXTERIOR GRADE TYPE I BOND ADHESIVE. BROWN AND BLUE STAIN PARTS ARE NOT PERMITTED. SINKER STOCK IS NOT PERMITTED. NO KNOTS OR PITCH POCKETS ARE ALLOWED ON EXPOSED SURFACES. LESS THAN OR EQUAL TO 10% OF MATERIAL IN UNEXPOSED AREA MAY HAVE SMALL (LESS THAN 1/4" DIA.), SOUND, TIGHT KNOTS AND SMALL PITCH POCKETS (LESS THAN 1/4" DIA. x 1/2" LENGTH).



### Architectural Testing

Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/5/15 Tech GR

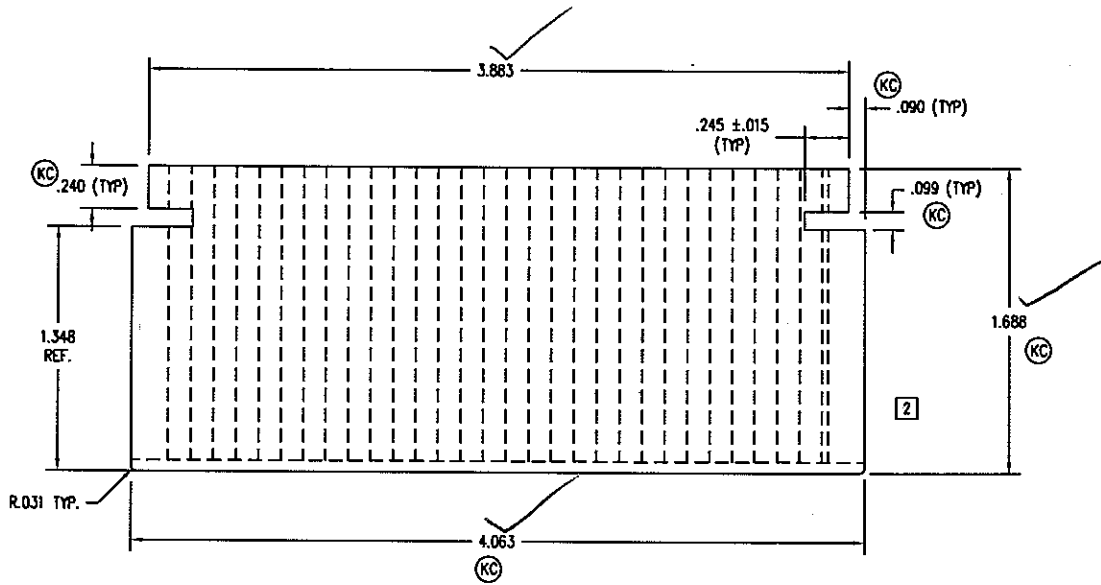
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TITLE: 8" BOTTOM RAIL  
FINISH: PRESERVATIVE (SEE A02J) ALSO (INT. A02F)

NO	DESCRIPTION	DFT	DOC	DATE	DATE: 3/31/2004	C	01 OF 02
04	CHNGD PROFILE	TWN	PRE	3/22/05	MATL:		
03	0.73 WAS .056	AWW	PRE	10/18/04	SEE NOTE #3		
02	0.15 WAS .094 RMYD ANGLE	AWW	PRE	10/7/04	DFT: TWN	SCALE: 1=2	
01	CHNGD TO MATCH 2009	AWW	PRE	5/30/2004	DCN: 0736	DRWG: 20DJ	

- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES.  
 2. NO TELEGRAPHING (VISIBILITY) OF CORE GLUE JOINTS THROUGH ANY EXPOSED VENEER SURFACE IS ALLOWED.  
 3. ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN STAIN GRADE FINAL PRODUCT (i.e.; UNFINISHED, CLEAR FINISHED, STAINED, OR STAINED AND CLEAR FINISHED) IS DEFINED ON DRAWING 20CG.  
 ACCEPTABLE MATERIAL FOR THIS PART WHEN USED IN PAINT GRADE FINAL PRODUCT (i.e.; INTERIOR PRIMED OR INTERIOR PAINTED) INCLUDES ANY OF THE FOLLOWING:  
 A. AS DEFINED ON DRAWING 20CG.  
 B. EDGE GLUED, FINGER-JOINTED, OR EDGE GLUED AND FINGER JOINTED PINE (SUGAR AND/OR PONDEROSA). ALL GLUED JOINTS MUST BE ADHERED USING AN EXTERIOR GRADE TYPE I BOND ADHESIVE. BROWN AND BLUE STAIN PARTS ARE NOT PERMITTED. SINKER STOCK IS NOT PERMITTED. NO KNOTS OR PITCH POCKETS ARE ALLOWED ON EXPOSED SURFACES. LESS THAN OR EQUAL TO 10% OF MATERIAL IN UNEXPOSED AREA MAY HAVE SMALL (LESS THAN 1/4" DIA.), SOLID, TIGHT KNOTS AND SMALL PITCH POCKETS (LESS THAN 1/4" DIA. x 1/2" LENGTH).

TOLERANCES (UNLESS NOTED)	
CUTSTOCK (LENGTH, WIDTH, HEIGHT)	+0.062/-0.000
TOOLING DIMENSIONS (TOOL BUILT)	±0.008
SET-UP / PROCESS DIMENSIONS	±0.012
SHOULDER DIMENSIONS (TENONER)	±0.007
LENGTH DIMENSIONS (TENONOR/CHOP SAW/FRACTIONAL)	±0.020
BOW/WARP/CROOK	±0.016 PER FOOT NOT TO EXCEED ±0.047



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

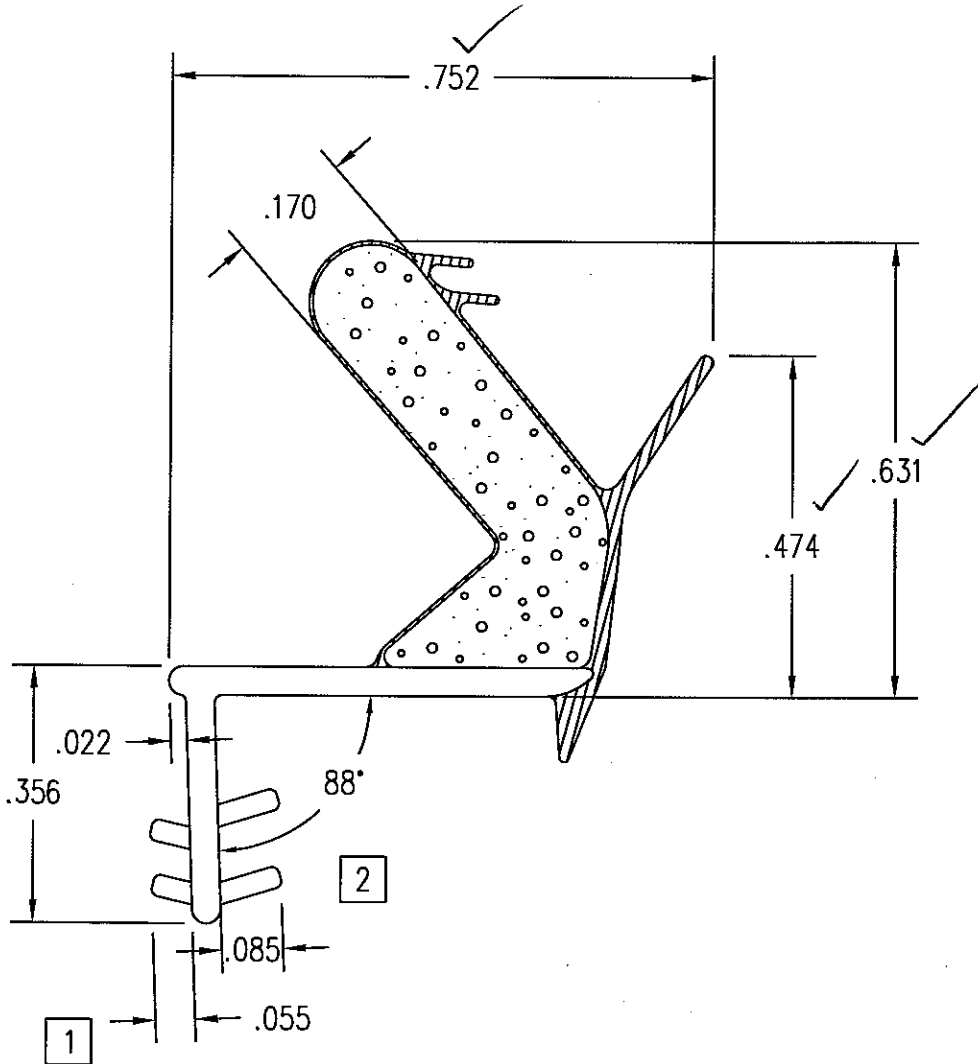
Report# EG413  
 Date 5/15/15 Tech GR



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 TITLE: 4 11/16" STILE / RAIL  
 FINISH: PRESERVATIVE (SEE #A02J) ALSO (INT. A02F)  
 SEE NOTE #3

NO	DESCRIPTION	DFT	DOC	DATE	DATE: 8/28/2003	C	01 OF 07
04	CHNGD PROFILE	TWN	PRE	3/22/05	MAIL:		
03	104 (TYP) READ .086	IANW	PRE	10/18/04			
02	REMYD ANGLE FROM GLASS SHELF	IANW	PRE	10/3/04	DFT: TWN	SCALE: 1=1	
01	CHNGD TO MATCH 20A1	IANW	PRE	6/28/04	DCN: 0736	DRWG: 2006	

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



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# EG413  
 Date 5/5/15 Tech GR

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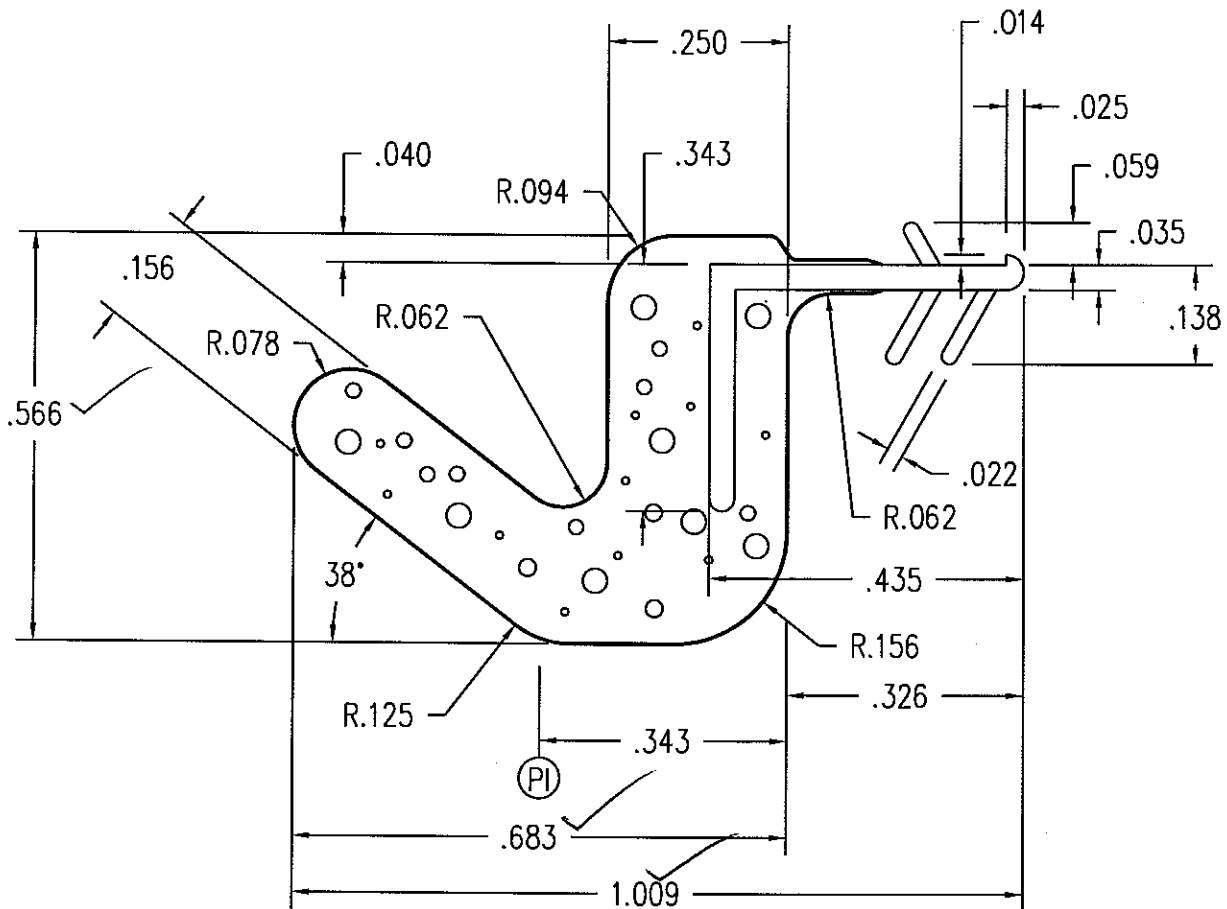
TITLE: FOAM WEATHERSTRIP

FINISH:

MATL: TPE FOAM - PVC SKIN

02	CHG'D BARBS AN ADDED ANGLE	TWN	1198A	8/18/09	DFT: TWN	SCALE: 4=1
01	ADDED BARBS	TWN	1198	1/27/09	DCN: 0794	DRWG: A59Y
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 6/10/2003	A 01 OF 02

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



**Architectural Testing**

Test sample complies with these details.  
 Deviations are noted.

Report# EG413  
 Date 5/5/15 Tech GK

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TITLE: WEATHERSTRIP, HINGED  
 PATIO DOORS

FINISH: DARK BRONZE

MATL: URETHANE FOAM  
 Q-LON SKIN

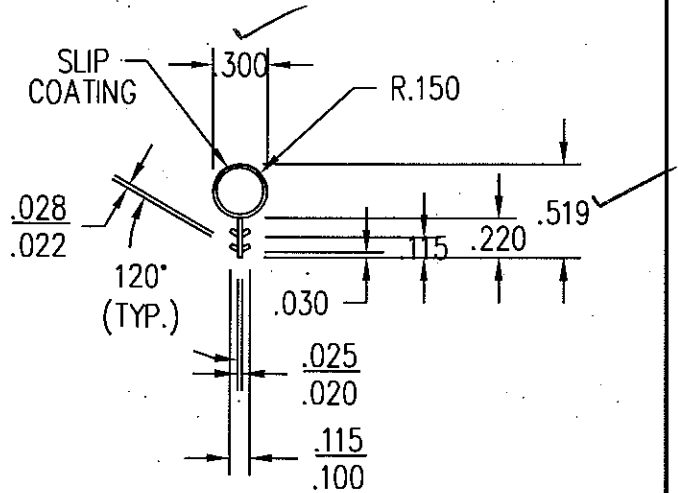
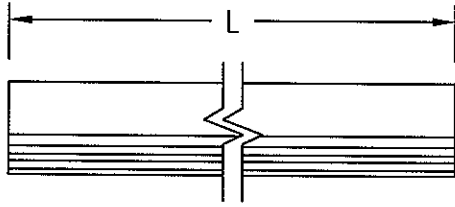
DFT: AWW SCALE: 4=1

DCN: 0794 DRWG: A62G

DATE: 10/30/2003 A 01 OF 05

BC	UPDATE TITLE	KJS	21682	6/7/12
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. .023/.017 TYP. WALL FLEX. .036/.030 TYP. WALL RIGID.
3. CLAD INSWING, WOOD INSWING, SINGLE PANEL: L = FRAME WIDTH - 1.812.



CLAD INSWING, ACTIVE PANEL	
FRAME WIDTH	L
24 1/2	22 11/16
30 1/2	28 11/16
32 1/2	30 11/16
36 1/2	34 11/16
48 1/16	22 11/16
60 1/16	28 11/16
64 1/16	30 11/16
72 1/16	34 11/16



### Architectural Testing

Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/5/15 Tech GR

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TITLE: APTUS BULB WEATHERSTRIP

FINISH:

MATL: SLIPCOATED DUAL DUROMETER  
PROPYLENO/ETHYLONE COPOLYMER

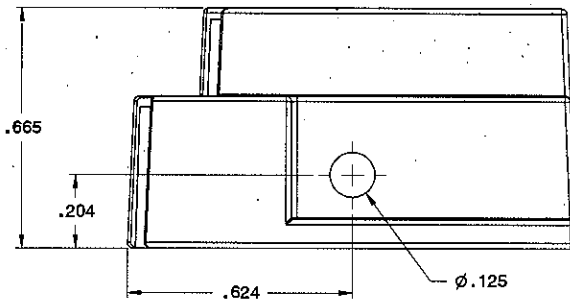
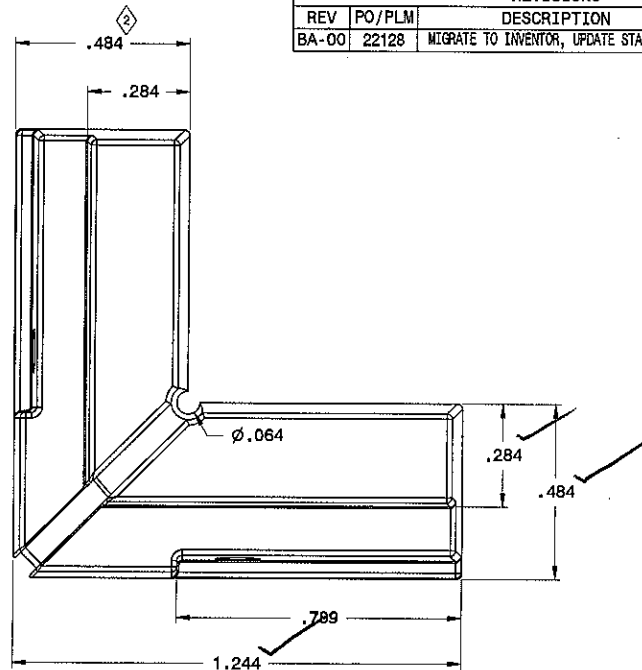
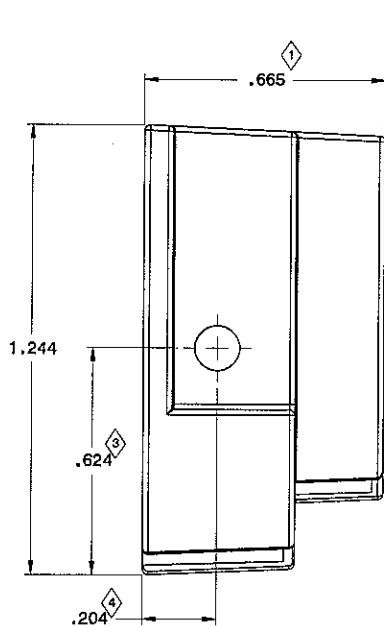
DFT: CRC SCALE: 1=1

DCN: 0736 DRWG: A661

NO	DESCRIPTION	DFT	DOC	DATE
				DATE: 7/15/2004 A 01 OF 01



REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRAFT
BA-00	22128	MIGRATE TO INVENTOR, UPDATE STANDARDS	6/6/2013	JH	KJS



Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date: 5/31/13 Tech GR

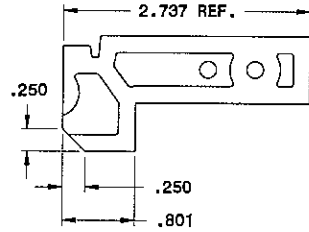
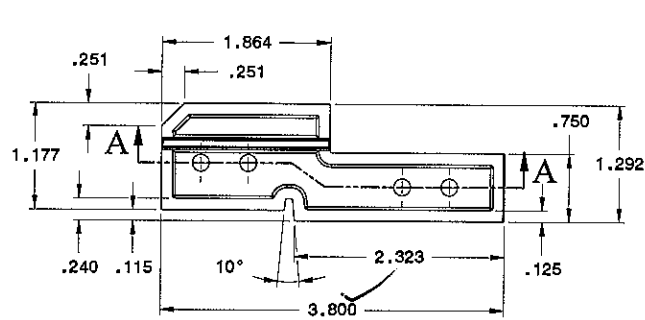
NOTES:

- REFER TO MASTER CAD MODEL FOR DIMENSIONS NOT SHOWN.
- ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
- CRITICAL DIMENSIONS USED: ① THRU ④

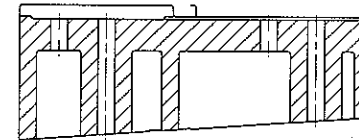
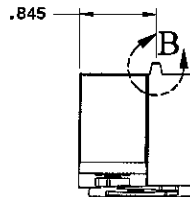
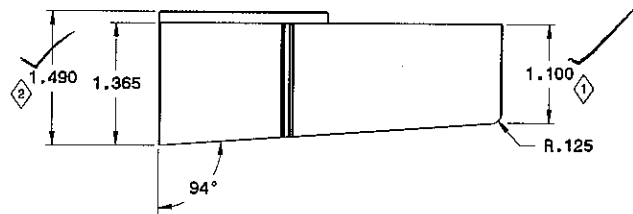
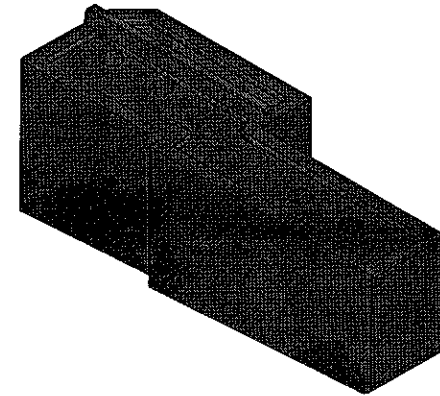
INJECTION MOLDED TOLERANCES 1/1/1998	
DIMENSION	TOLERANCE
.000 - .999	± .008
HOLE DIAMETERS	± .003
ANGULAR TOL	± 1°

2012 ANDERSON CORPORATION ALL RIGHTS RESERVED PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS: ± ANGLES: ±		TITLE: <b>CORNER KEY, NYLON, WITH HOLES PART</b>	
DRAWN BY: KJS	DATE: 3/21/2013	SPECIFICATIONS:	
CHECKED BY:	DATE:	SCALE: 4X	DRAWING NUMBER: 0106061.DPT
ENGINEER:	DATE:	SHEET: 1 OF 1	
		<b>0106061</b>	

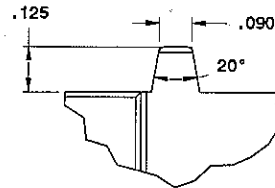
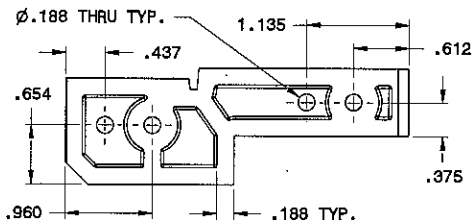
REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BA-00	21871	ADDED RADIUS	5/20/2013		TWN



CUT DOWN FOR 3 1/2" WALL



SECTION A-A



DETAIL B



Test sample complies with these details.  
Deviations are noted.

Report# EG413  
Date 5/15/13 Tech GR

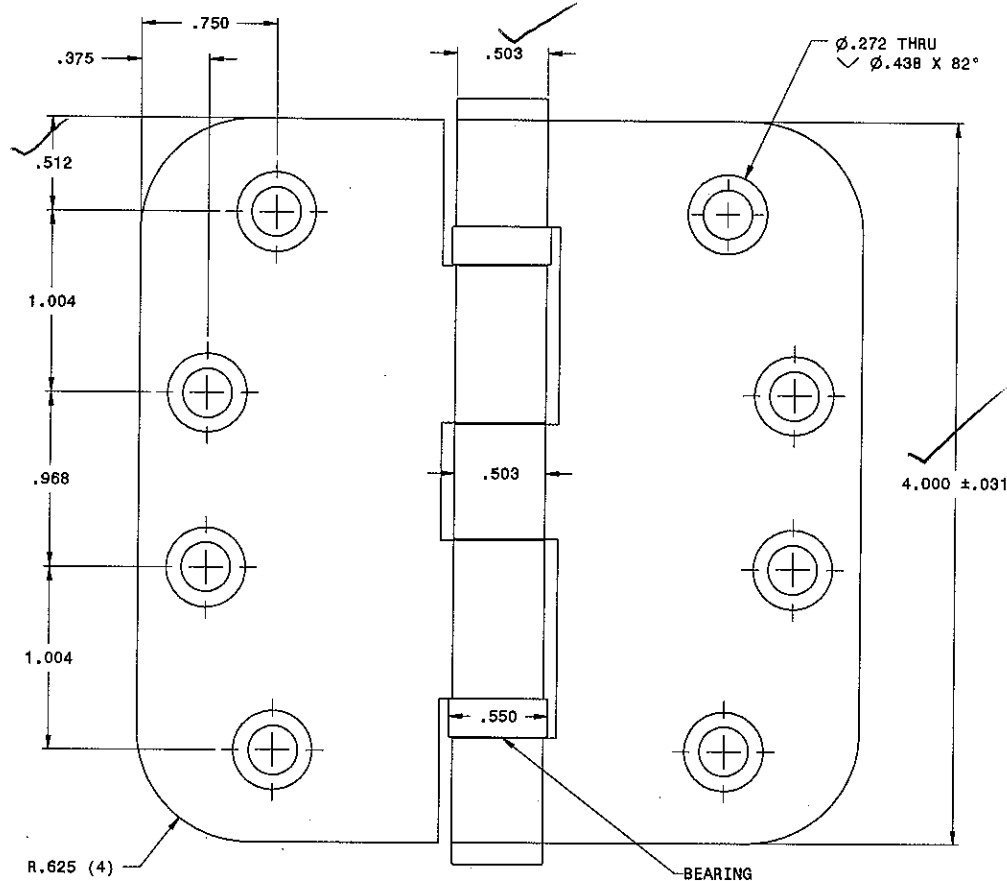
NOTES:

1. REFER TO MASTER CAD MODEL FOR DIMENSIONS NOT SHOWN.
2. ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
3. CRITICAL DIMENSIONS USED:  $\diamond$  THRU  $\diamond$   
CRITICAL DIMENSIONS INACTIVE: NONE

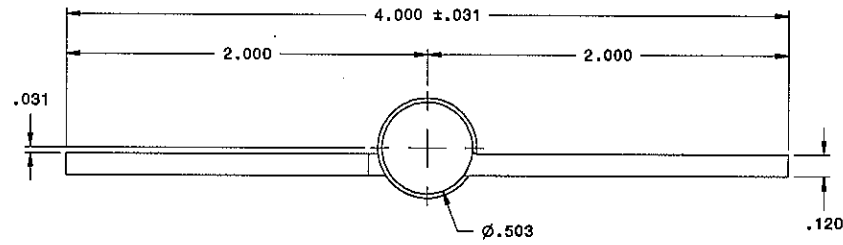
INJECTION MOLDED TOLERANCE	
DIMENSION	TOLERANCE
.000 - .999	±.008
1.000 - 5.999	±.010
HOLE DIAMETERS	±.003
ANGULAR TOL	±1°

2013 ANDERSEN CORPORATION ALL RIGHTS RESERVED		TITLE:	
PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED		JAMB RH RISER BLOCK, INSWING HINGED DOOR	
DECIMALS: ±		SPECIFICATIONS:	
ANGLES: ±			
DRAWN BY:	DATE:		
5/20/2013			
CHECKED BY:	DATE:		
ENGINEER:	DATE:	SCALE: 1X	DRAWING NUMBER: 0108129-01.ipt
		SHEET: 1 OF 1	0108129

REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BB-00	20615	MIGRATE TO INVENTOR, UPDATE STANDARDS	10/21/2011		KJS



Architectural Testing  
 Test sample complies with these details.  
 Deviations are noted.  
 Report# E6413  
 Date 5/5/13 Tech GR



EAGLE PART#	FINISH
9900	BLACK
9901	WHITE
9902	OIL RUBBED BRONZE
9903	BRIGHT CHROME
9904	BRIGHT BRASS
9906	ANTIQUE BRASS
9907	SATIN CHROME
9908	PEWTER
9909	LIFETIME (TITANIUM)

- NOTES:  
 1: SEE MASTER CAD DATABASE FOR DIMENSIONS NOT SHOWN.  
 2: ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.  
 3: SEE DRAWING 0106214 FOR STAINLESS STEEL FINISH.

EXTRUDED ALUMINUM PROFILE TOLERANCES 1/21/2011	
DIMENSION	POINT OF USE TOL
.000-.399	±.007
.400-.999	±.010
1.000-1.499	±.012
1.500-1.999	±.014
2.000-.3999	±.024
4.000-5.999	±.034
6.000-7.999	±.044
8.500-9.999	±.054
10.000-ABOVE	±.060
WALL THICKNESS	±.007
ANGULAR TOL	±1°

**Eagle**<sup>®</sup>  
 WINDOWS DOORS  
 an Andersen Company

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED  
 DECIMALS: ± .005  
 ANGLES: ± 1°

DRAWN BY: SGT  
 CHECKED BY:  
 ENGINEER:

DATE: 10/21/2011  
 DATE:  
 DATE:

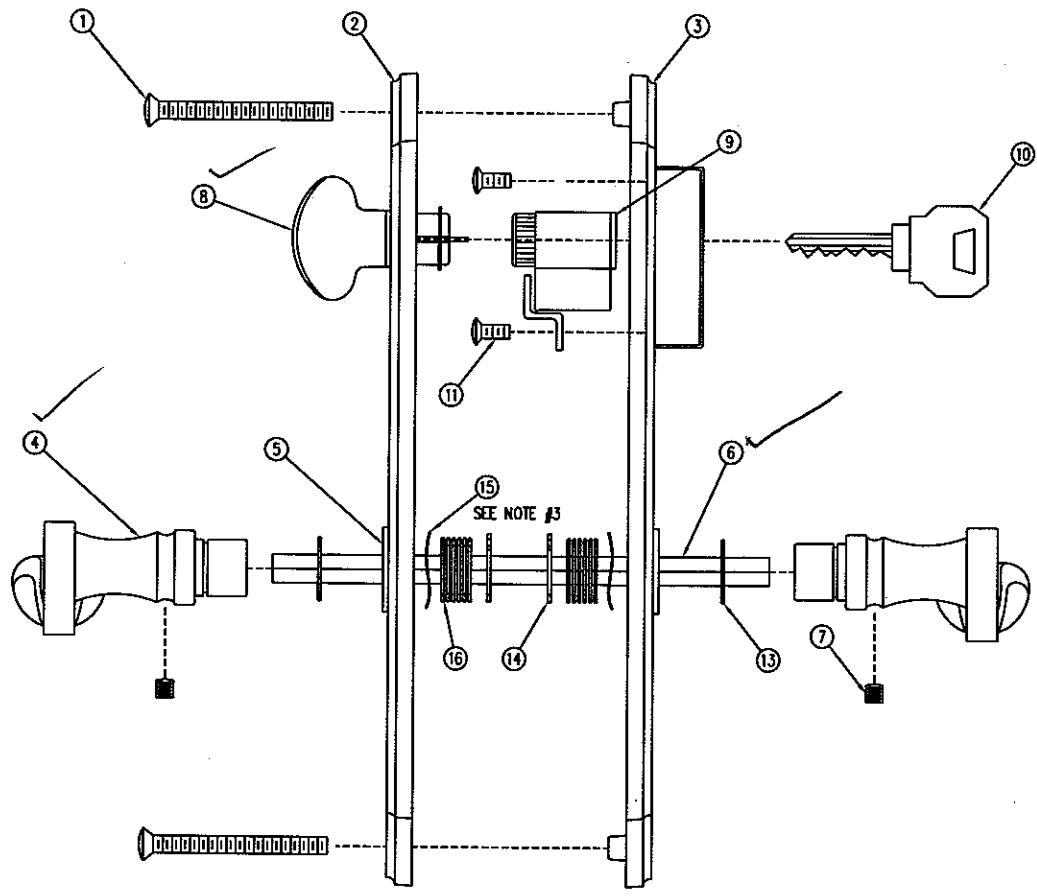
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TITLE:  
**HINGE ASSY, 4" X 4"  
 EXTRUDED COMMERCIAL**

SPECIFICATIONS:

SCALE: DRAWING NUMBER: 0107557.IAM  
 SHEET: 1 OF 1 **A49P**

- 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. DO NOT USE ANY SOLVENTS, POLISHES, CLEANSERS OR ABRASIVES ON THE BRASS HARDWARE!! IF THE DOORS ARE TO BE PAINTED, IT IS IMPORTANT TO REMOVE THE HARDWARE BEFORE DOING SO TO PREVENT ANY OVERSPRAY OR SPILLAGE ON THE HARDWARE. THE FPL BRASS FINISH IS PROTECTED WITH A CLEAR DURABLE ENAMEL. SOLVENTS, POLISHES, CLEANSERS AND ABRASIVES WILL BREAK DOWN THIS PROTECTIVE COATING AND THE BRASS WILL DULL AND TURN DARK. TO CLEAN: USE MILD SOAPY WATER, RINSE AND DRY WITH A SOFT CLOTH.
3. QUANTITY VAIRES.



NO.	PART DESCRIPTION	QUANTITY
1	#10-32 X 2" MACHINE SCREW	2
2	INTERIOR ESCUTCHEON PLATE - ROUND OR SQUARE	1
3	EXTERIOR ESCUTCHEON PLATE - ROUND OR SQUARE	1
4	HANDLE	2
5	TRIM PLATE SLEEVE	2
6	SPINDLE	1
7	SET SCREW	2
8	THUMB KNOB	1
9	KEY CYLINDER	1
10	KEY	1
11	#7 x 5/16" PFHWS	3
12	CARE INSTRUCTIONS (SEE NOTE #2)	1
13	PLASTIC WASHER	2
14	SNAP RING	2
15	WAVY WASHER	2
16	BUSHINGS	AS REQUIRED



Test sample complies with these details.  
Deviations are noted.

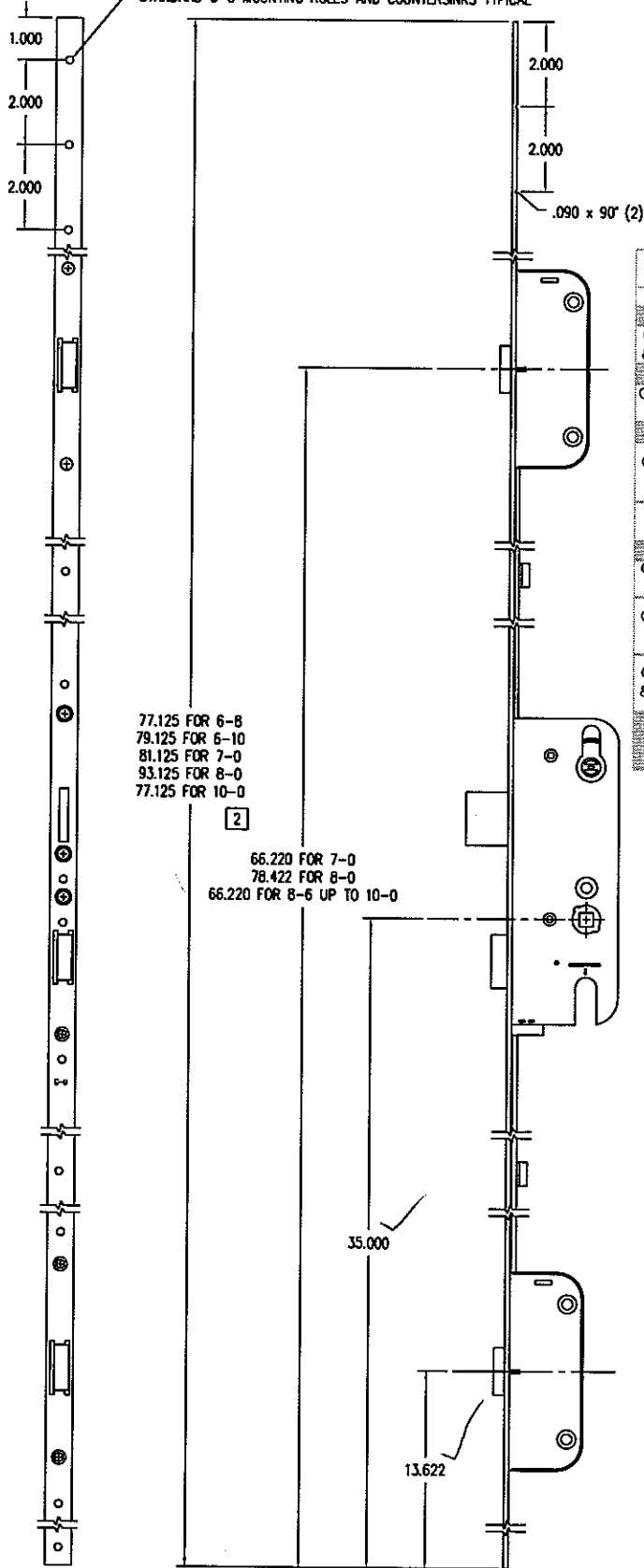
Report# EG413  
Date 5/5/15 Tech Ge

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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: ACTIVE DOOR HANDLE SET  
5092 PURE PANEL  
FINISH:  
MATL:

BD/UPDATE TITLE	KJS 21682	6/1/12	DFT	MJP	SCALE: 1=2
NO DESCRIPTION	DFT DOC	DATE	DATE: 11/7/1998	DRWG: A395	C 01 OF 01

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°.

STANDARD G-U MOUNTING HOLES AND COUNTERSINKS TYPICAL



"EAGLE AUTOMATIC"					
Frame Height	Dwg #	Description	Part #	Part length	Panel hgt.
Equal to 6-8	A38E	7-0 EAGLE GEAR	GU1000	77.125	77 3/16
Greater than 6-8 & less than 6-10	A38E	7-0 EAGLE GEAR	GU1000	77.125 -	77 3/16 -
		REMOVE 1-2 TABS		79.125	79 3/16
Equal to 6-10	A38E	7-0 EAGLE GEAR	GU1000	79.125	79 3/16
Greater than 6-10 & less than 7-0	A38E	7-0 EAGLE GEAR	GU1000	79.125 -	79 3/16 -
		REMOVE 0-1 TABS		81.125	81 3/16
Equal to 7-0	A38E	7-0 EAGLE GEAR	GU1000	81.125	81 3/16
Greater than 7-0 & less than 7-9	A38E	7-0 EAGLE GEAR	GU1000	79.125	81 3/16 -
		ALWAYS REMOVE 1 TAB			90 3/16
	A38M	12" EXT.	GU1019	2-11	
Equal To 7-9 & less than 8-0		Cut Gear Down To		90.125 -	90 3/16 -
	A38E	8-0 EAGLE GEAR	GU1001	93.125	93 3/16
Equal to 8-0	A38E	8-0 EAGLE GEAR	GU1001	93.125	93 3/16
Greater than 8-0 & equal to 8-6	A38E	8-0 EAGLE GEAR	GU1001	93.125	93 3/16 -
	A38M	12" EXT.	GU1019	0-6	99 3/16
Greater than 8-6 & equal to 9-8	A38E	7-0 EAGLE GEAR	GU1000	77.125	99 3/16 -
		ALWAYS REMOVE 2 TABS			105 3/16
	A784	9-8 Extension	GU1046	22-36	
Greater than 9-8 & less than 10-0	A38E	7-0 EAGLE GEAR	GU1000	77.125	113 3/16 -
		ALWAYS REMOVE 2 TABS			117 3/16
	A71F	10-0 Extension	GU1045	36-40	
Equal to 10-0	A38E	7-0 EAGLE GEAR	GU1000	77.125	117 3/16
		ALWAYS REMOVE 2 TABS			
	A71F	10-0 Extension	GU1045	40.000	



Test sample complies with these details.  
Deviations are noted.

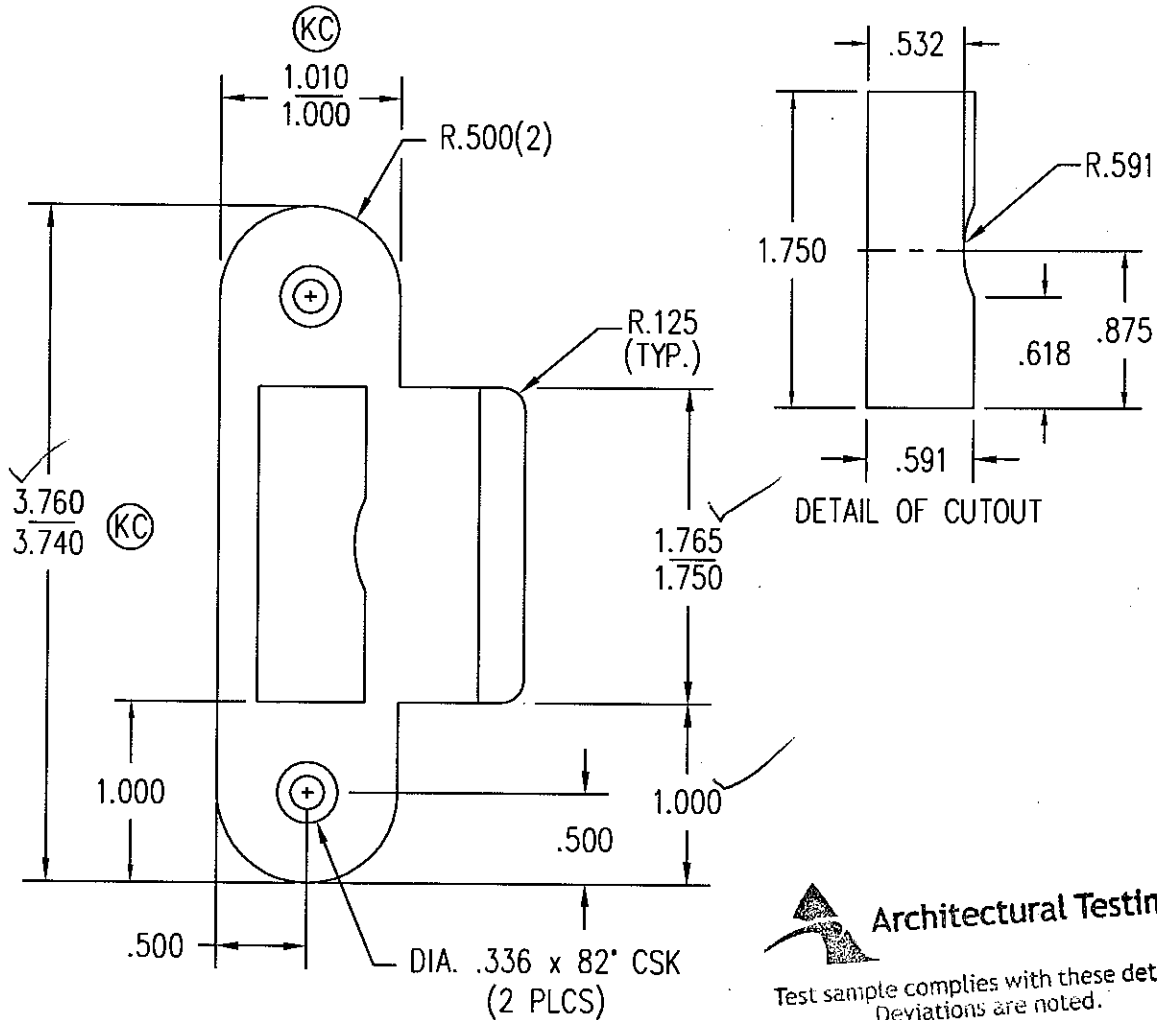
Report# EG413  
Date 5/5/15 Tech GR

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TITLE: G-U - EAGLE LOCK SYSTEM  
FINISH: STAINLESS STEEL  
MATERIAL:

BY REMOVED MANUAL (HAWK) CHART/KJS 22963 6/28/13  
NO DESCRIPTION DFT DOC DATE DATE: 1/16/1993 C 01 OF 01

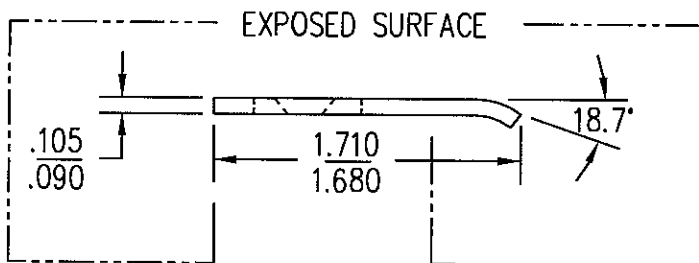
- NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC.  $\pm 0.005$ ; FRAC.  $\pm 1/64$ ; ANGLES  $\pm 1/2^\circ$ .
2. WHEN POWDER COATING, BOTH SIDES MUST BE FULLY COVERED.  
POWDER COATING (CLEAR OR COLORED) MAY AFFECT OVERALL DIMENSIONS.



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

Report# 60931 EGB113  
Date 5/15/15 Tech GR



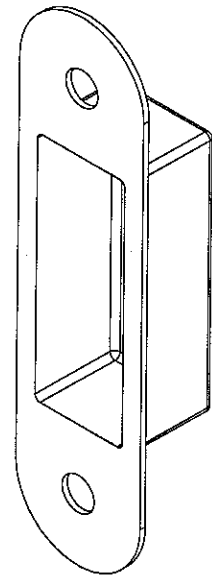
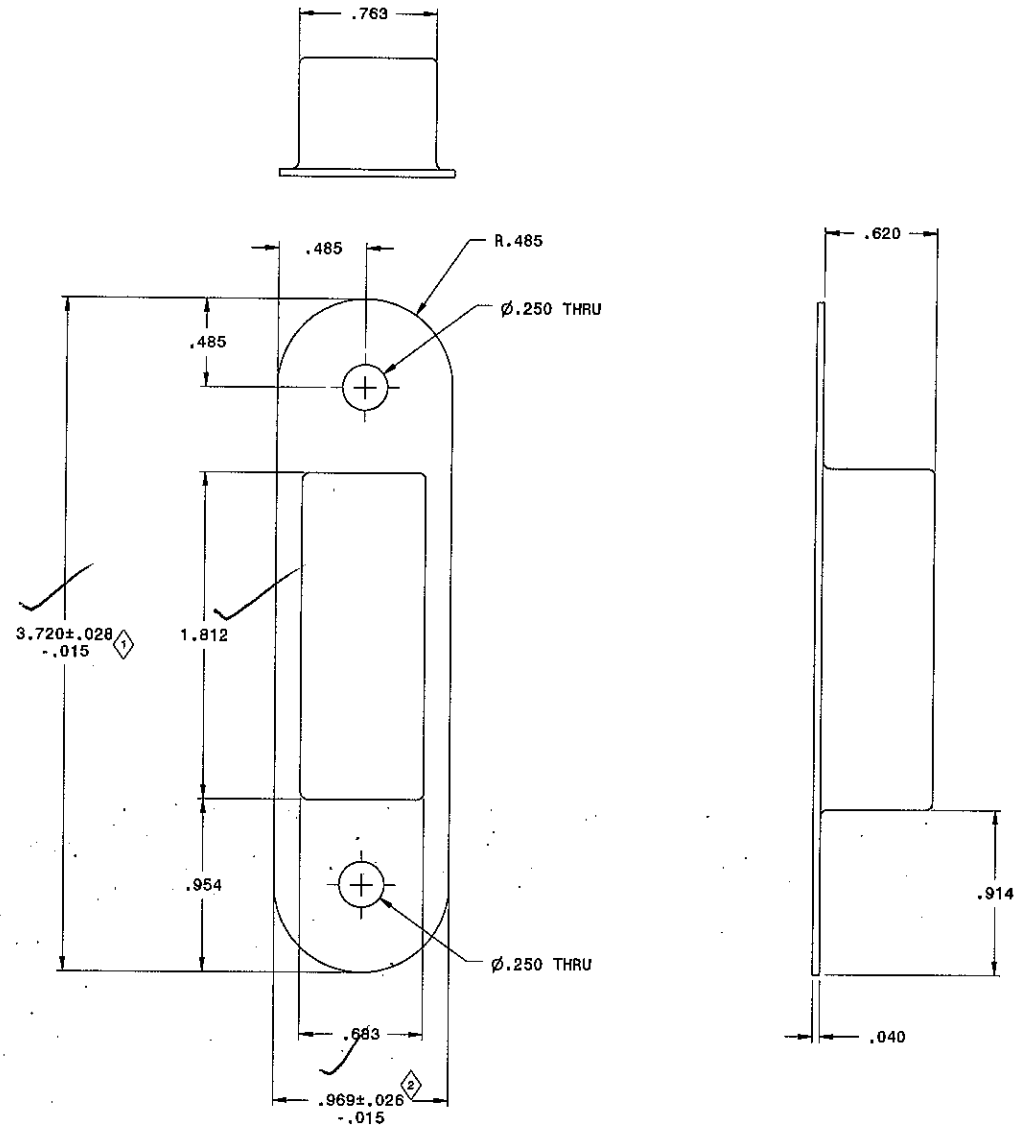
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TITLE: LATCH STRIKE  
TOP AND BOTTOM  
FINISH: STD. GU COLORS: ABR,  
BCH, BLK, BRS, LTB, ORB, SST, WHT  
MATL: BRASS  
SST IS STAINLESS STEEL

DFT: MJP SCALE: 1=1

01	REV. DIM TOL. BEFORE RELEASED	REL	0597	8/15/02	DCN: 0597	DRWG: A517
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 11/29/00	A 01 OF 01

REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BC-00	21152	MIGRATE TO INVENTOR, UPDATE STANDARDS	01/16/2012		KJS



**Architectural Testing**

Test sample complies with these details.  
Deviations are noted.

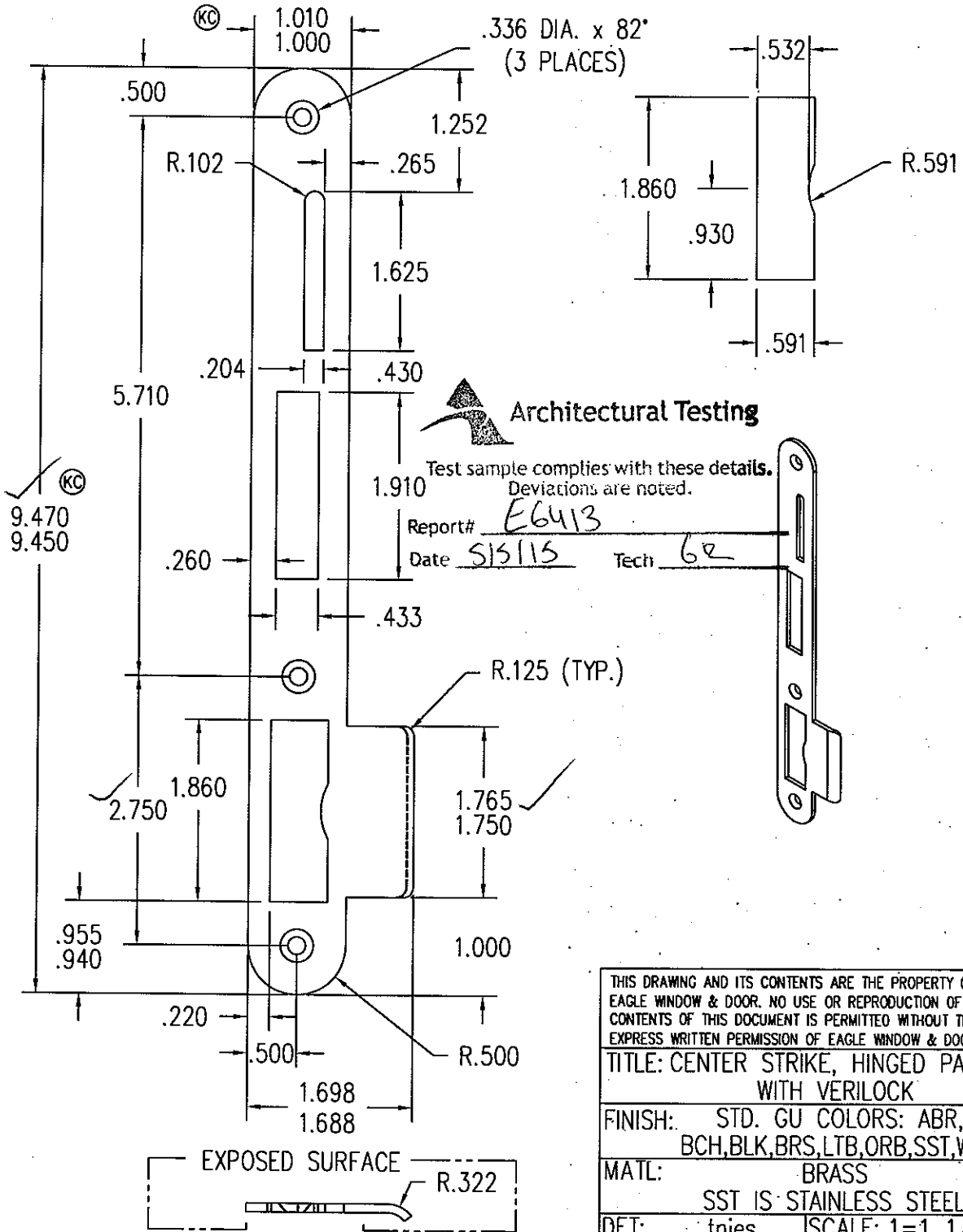
Report# EG413

Date 5/15/15 Tech GR

- NOTES:
- 1: SEE MASTER CAD DATABASE FOR DIMENSIONS NOT SHOWN.
  - 2: ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
  - 3: WALL THICKNESS = .040, UNLESS OTHERWISE SPECIFIED.
  - 4: CRITICAL DIMENSIONS: ① THRU ②

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		DUST CUP, STRIKE PLATE	
PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY:	DATE:
DECIMALS: ± .005		KJS	1/16/2012
ANGLES: ± 1°		CHECKED BY:	DATE:
		ENGINEER:	DATE:
		SCALE: 2x	DRAWING NUMBER: 0107845.ipt
		SHEET: 1 OF 1	<b>A47A</b>

- 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. WHEN POWDER COATING, BOTH SIDIS MUST BE FULLY COVERED. POWDER COATING (CLEAR OR COLORED) MAY CHANGE OVERALL DIMENSIONS.
3. STRIKE USED ON SAR, AR, ASR, & PALR HINGED PATIO DOORS.



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TITLE: CENTER STRIKE, HINGED PATIO, WITH VERILOCK

FINISH: STD. GU COLORS: ABR, BCH, BLK, BRS, LTB, ORB, SST, WHT

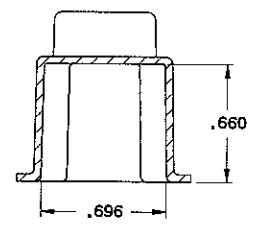
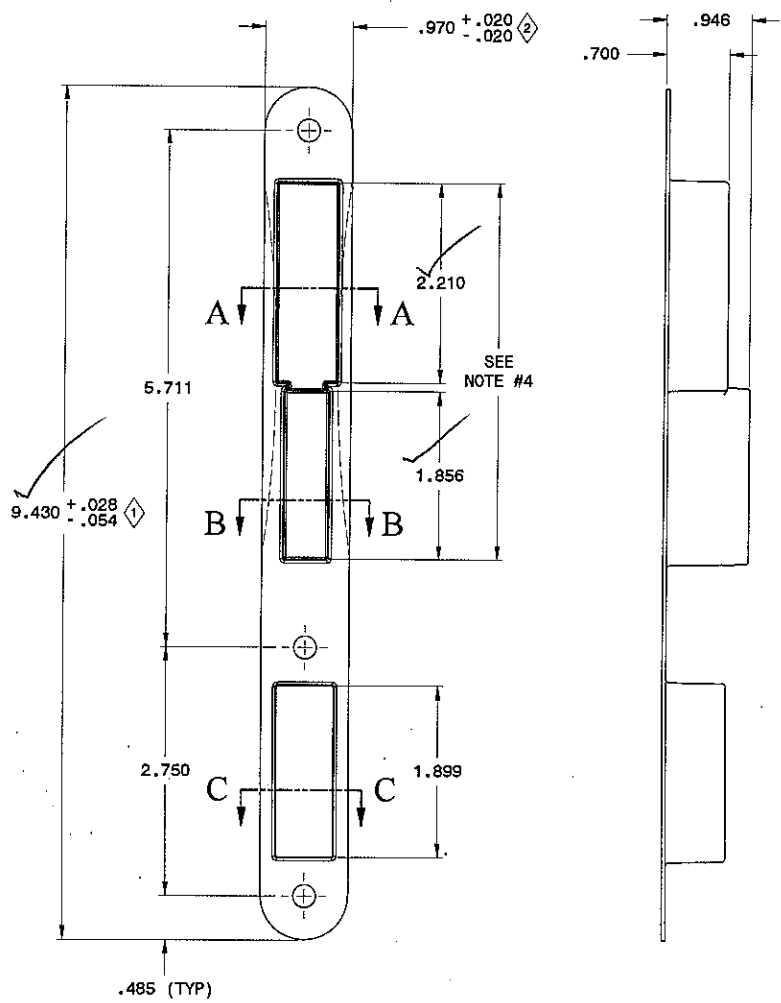
MATL: BRASS  
SST IS STAINLESS STEEL

DFT: tries SCALE: 1=1 1/2

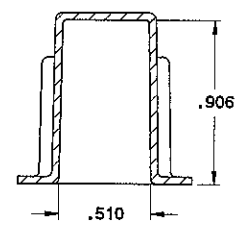
BB	UPDATE TITLE & ADDED NOTE 3	KJS	21682	6/13/12	DCN: 1208	DRWG: A79X
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 6/16/2009	A 01 OF 01



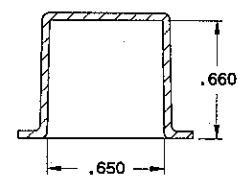
REVISIONS				
REV	PO/PLM	DESCRIPTION	DATE	ENG DRFT
BC-00	21949	UPDATE DIMENSIONS	7/31/2012	KJS



SECTION A-A



SECTION B-B



SECTION C-C



Test sample complies with these details.  
Deviations are noted.

Report# E6413  
Date 5/5/15 Tech GR

- NOTES:
- 1: SEE MASTER CAD DATABASE FOR DIMENSIONS NOT SHOWN.
  - 2: ALL DIMENSIONS ARE TO POINT OF TANGENCY (POT), UNLESS OTHERWISE SPECIFIED.
  - 3: CRITICAL DIMENSIONS: ① THRU ②
  - 4: MINIMAL HOUR GLASS ALLOWED IN THIS AREA. DOES NOT AFFECT FINAL ASSEMBLY.

INJECTION MOLDED TOLERANCES	
DIMENSION	TOLERANCE
.000-.999	±.010
1.000-5.999	±.020
6.000 & GREATER	±.030
HOLE DIAMETERS	±.005
ANGULAR TOL	±1°

<p><b>Eagle®</b> WINDOWS &amp; DOORS an Andersen Company</p>		TITLE: <b>DUST CUP, VERILOCK CENTER STRIKE</b>	
		SPECIFICATIONS: C0017	
<small>PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED</small> DECIMALS: ± ANGLES: ±	DRAWN BY: KJS CHECKED BY: ENGINEER:	DATE: 9/30/2011 DATE: DATE:	SCALE: 1X SHEET: 1 OF 1
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