ASTM E1886 and ASTM E1996 TEST REPORT

Report No.: E6415.02-201-44

Rendered to:

EAGLE WINDOW & DOOR, INC.
Dubuque, Iowa

PRODUCT TYPE: Aluminum Clad Wood Hinged Door with Impact Glazing (Inswing)
SERIES/MODEL: 6080 Series 05 E-Series Inswing French Door SP1 with Harbor Master IG

Test Dates:	08/10/15
Through:	08/11/15
Report Date:	08/17/15
Test Record Retention End Date:	08/11/19

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: 6080 Series 05 E-Series Inswing French Door 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: 08/10/15 – 08/11/15

3.5 Test Record Retention End Date: All test records for this report will be retained until August 11, 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:

Name	Company
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: 4.5 m² (48.0 ft²)	**Width**		**Height**	
	millimeters	**inches**	**millimeters**	**inches**
Overall size	1829	72	2438	96
Active panel size	881	34-11/16	2367	93-3/16
Passive panel size	897	35-5/16	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.
Astragal	Aluminum / LVL	Aluminum extrusions were slip-fit over LVL astragal member.

	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.
Astragal	Butt	The astragal was secured to the passive panel with a row of #8 x 2" screws and a row of #7 x 1-1/4" screws spaced 32 mm (1-1/4"), 244 mm (9-5/8"), 579 mm (22-13/16"), 1080 mm (42-1/2"), 1468 mm (57-13/16"), 1878 mm (73-15/16") and 2094 mm (82-7/16") from the bottom of the panel.

5.4 Reinforcement: No reinforcement was utilized.

5.5 Weatherstripping:

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

5.0 Test Specimen Description: (Continued)

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" (PVP 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	
Panels	2	641 x 2032	25-1/4 x 80	11 mm (7/16")

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" (PVP 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.

5.0 Test Specimen Description: (Continued)

5.7 Test Specimen #4 Glazing Details: (Continued)

Location	Quantity	Daylight Opening		Glass Bite
		millimeters	inches	
Panels	2	641 x 2032	25-1/4 x 80	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.

5.9 Hardware:

Description	Quantity	Location
Butt hinges	6	Spaced: 203 mm (8"), 1129 mm (44-7/16") and 2062 mm (81-3/16") from top of the panel (three per panel).
Three point locking mechanism	1	Panel stile with keepers in astragal located: 356 mm (14"), 864 mm (34") and 1981 mm (78") 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.
Head	#8 x 2-1/2" screws	Two screws through head strike plate.
Jambs	#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: 24°C (75°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

Impact #1: Missile Velocity: 15.2 m/s (50.0 fps)	
Impact Area:	Center of glazing of active panel
Observations:	Missile hit target area; no rips, tears or penetrations
Results:	Pass

Impact #2: Missile Velocity: 15.3 m/s (50.3 fps)	
Impact Area:	Lower left glazing corner of active panel
Observations:	Missile hit target area; no rips, tears or penetrations
Results:	Pass

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

Impact #1: Missile Velocity: 15.3 m/s (50.1 fps)	
Impact Area:	Lower left glazing corner of active panel
Observations:	Missile hit target area; no rips, tears or penetrations
Results:	Pass

Impact #2: Missile Velocity: 15.4 m/s (50.4 fps)	
Impact Area:	Center of glazing of active panel
Observations:	Missile hit target area; no rips, tears or penetrations
Results:	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

Impact #1: Missile Velocity: 15.1 m/s (49.4 fps)	
Impact Area:	Upper right glazing corner of active panel
Observations:	Missile hit target area; no rips, tears or penetrations
Results:	Pass

Impact #2: Missile Velocity: 15.2 m/s (49.8 fps)	
Impact Area:	Midspan of astragal
Observations:	Missile hit target area; cracked astragal
Results:	Pass

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

Impact #1: Missile Velocity: 15.3 m/s (50.1 fps)	
Impact Area:	Center of glazing of active panel
Observations:	Missile hit target area; no rips, tears or penetrations
Results:	Pass

Impact #2: Missile Velocity: 15.1 m/s (49.4 fps)	
Impact Area:	Lower left glazing corner of active panel
Observations:	Missile hit target area; no rips, tears or penetrations
Results:	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

Pressure Range Pa (psf)	Number of Cycles	Average Cycle Time (seconds)	Observations
480 to 1200 (10.0 to 25.0)	3500	2.00	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	2.77	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	2.16	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.97	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	2.92	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	2.00	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.94	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	1.94	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	1.99	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	1.96	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	1.87	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.91	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	2.95	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	1.97	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.76	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	2.00	No rips, tears or penetrations

Result: Pass

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

Pressure Range Pa (psf)	Number of Cycles	Average Cycle Time (seconds)	Observations
480 to 1200 (10.0 to 25.0)	3500	2.48	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	2.91	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	2.21	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.85	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	2.66	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	1.89	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.25	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	2.00	No rips, tears or penetrations

Result: Pass

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

Pressure Range Pa (psf)	Number of Cycles	Average Cycle Time (seconds)	Observations
480 to 1200 (10.0 to 25.0)	3500	2.15	No rips, tears or penetrations
0 to 1440 (0 to 30.0)	300	2.88	No rips, tears or penetrations
1200 to 1920 (25.0 to 40.0)	600	2.29	No rips, tears or penetrations
720 to 2400 (15.0 to 50.0)	100	2.92	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	2.84	No rips, tears or penetrations
1560 to 2495 (32.5 to 52.0)	1050	2.77	No rips, tears or penetrations
0 to 1870 (0 to 39.0)	50	2.08	No rips, tears or penetrations
625 to 1560 (13.0 to 32.5)	3350	2.00	No rips, tears or penetrations

Result: Pass

***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:

Digitally Signed by: Eric Schoenthaler

Eric J. Schoenthaler
Project Manager

Digitally Signed by: Daniel A. Johnson

Daniel A. Johnson
Director – Regional Operations

EJS/jb

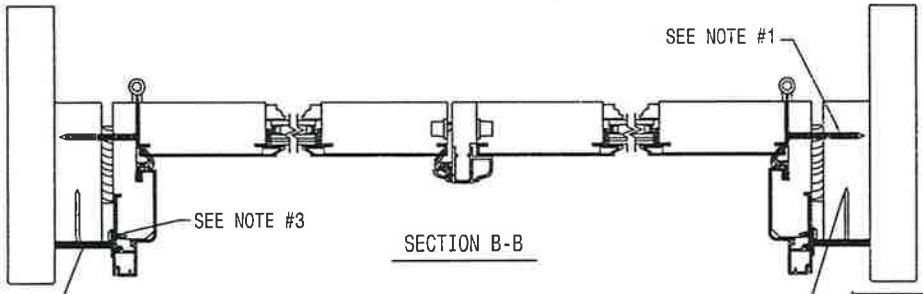
Attachments (pages): This report is complete only when all attachments listed are included.
Appendix A: Drawings (38)

This report produced from controlled document template ATI 00498, revised 06/19/15.

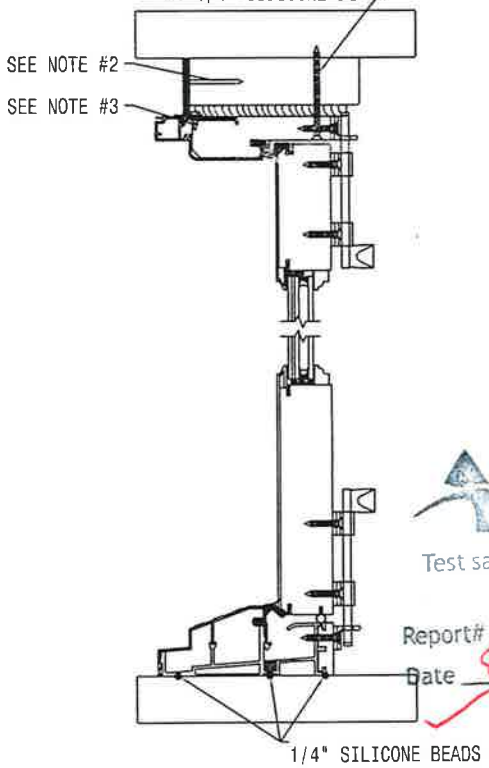
Appendix A

Drawings

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG

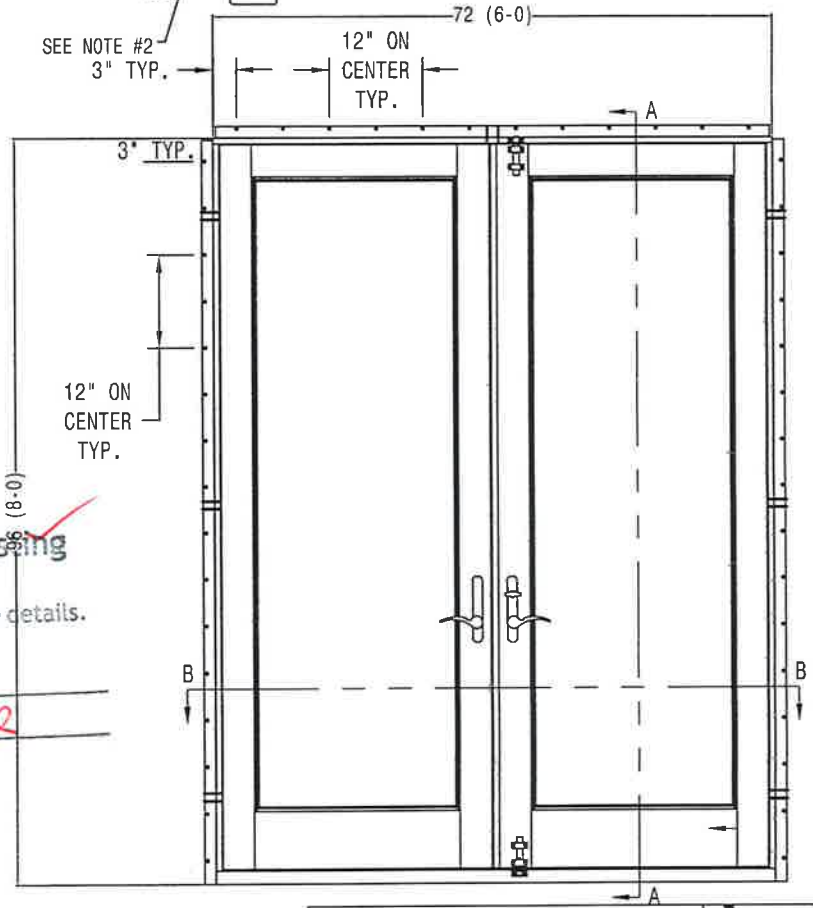


SECTION B-B



SECTION A-A

INTERIOR VIEW



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GR

Notes:
1: (12) #10 X 2 1/2" SCREWS THROUGH HINGES INTO BUCK. (2 PER HINGE, 6 TOTAL PER SIDE)
2: 2" ROOFING NAILS THROUGH NAILFIN INTO BUCK 3" FROM EACH END OF DOOR AND 12" ON CENTER THEREAFTER.
3: (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.
4. (2) #10 X 2 1/2" SCREWS THROUGH HEAD JAMB STRIKE PLATE INTO BUCK.

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	DATE
DECIMALS: ± .005	TPFILE	2/24/2015
FRACTION: ± 1/64	ENGINEER	DATE
ANGLES: ± 1/2	PLM / DCN	

Andersen WINDOWS • DOORS AW

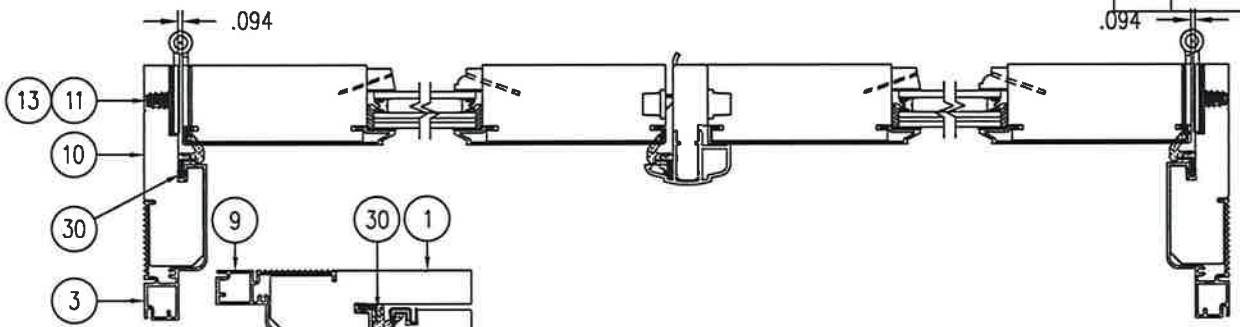
E-Series/Eagle

TITLE
HINGED PATIO DOOR - INSWING (IMPACT IG)
INSTALLATION DETAIL

SCALE	DRAWING NUMBER
NO SCALE	T053W
SHEET 1 of 3	

SECTION B-B

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG

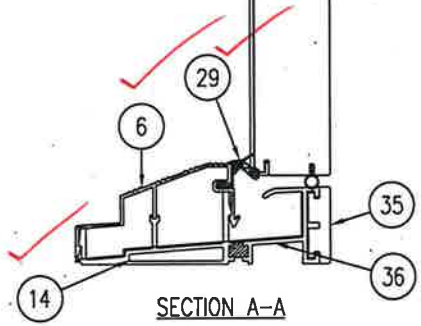


Architectural Testing

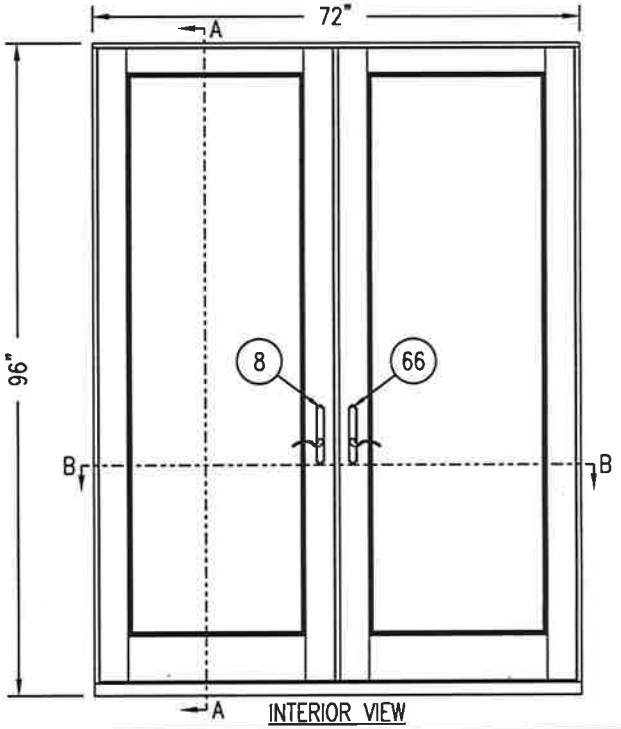
Test sample complies with these details.
Deviations are noted.

Report# EC415

Date 8/25/15 Tech GR



SECTION A-A



INTERIOR VIEW

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

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

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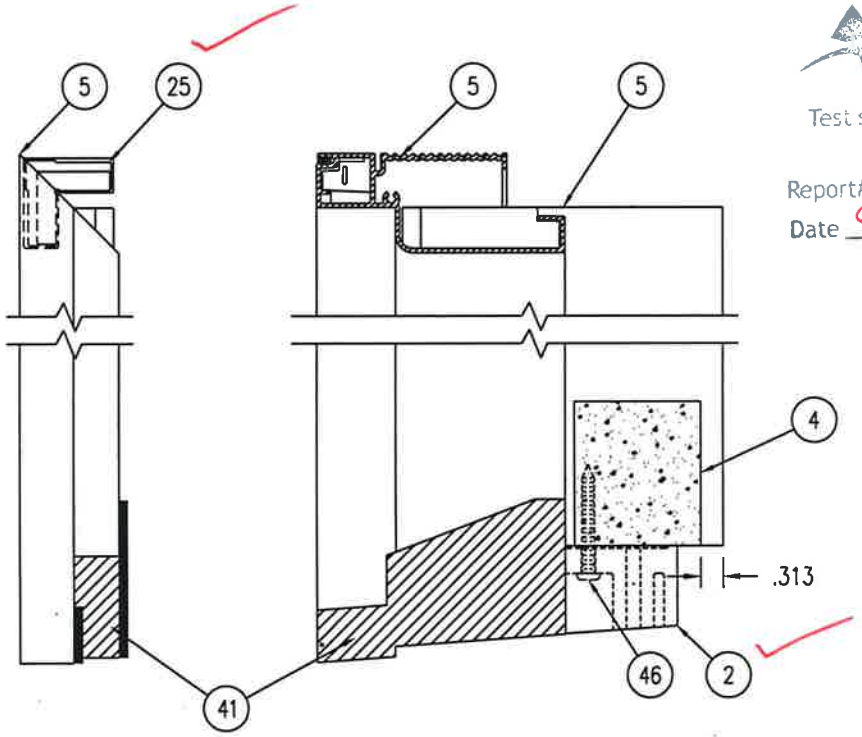
E-Series/Eagle

TITLE: CLAD HINGED PATIO DOOR - INSWING (IMPACT) UNIT ASSEMBLY

SCALE	DRAWING NUMBER
1:4	T0541
SHEET 1of 11	

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GR

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

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

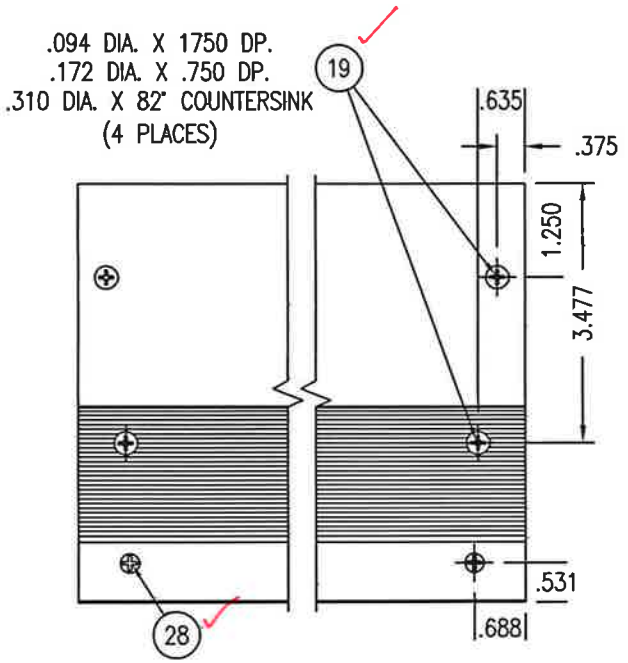
Andersen WINDOWS • DOORS AW

E-Series/Eagle

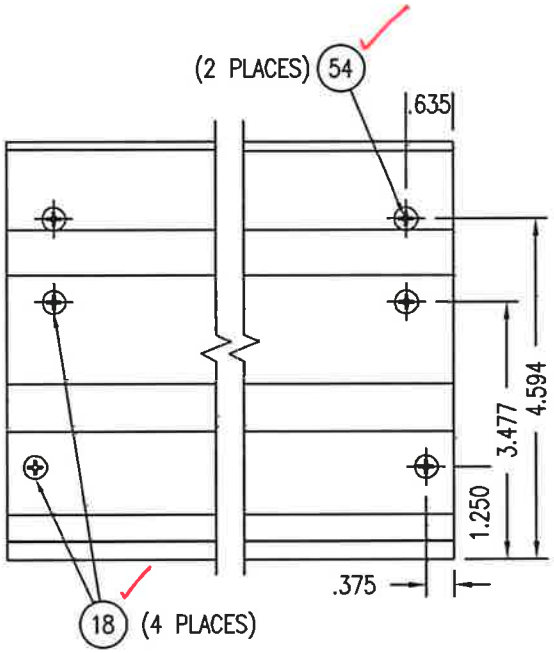
TITLE: CLAD HINGED PATIO DOOR - INSWING (IMPACT) FRAME ASSEMBLY

SCALE	DRAWING NUMBER
1:2 1/2	T0541
SHEET 2 of 11	

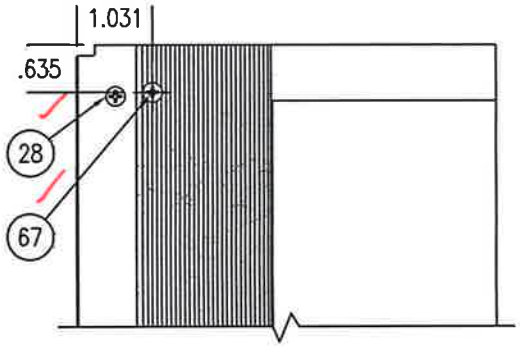
REVISIONS					
REV	PLN/DCN	DESCRIPTION	DATE	DRFT	ENG



HEAD (4 9/16")



SILL (4 9/16")



JAMB (4 9/16")

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 9-9-15 Tech JD

Notes:

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

Andersen WINDOWS+DOORS AW

E-Series/Eagle

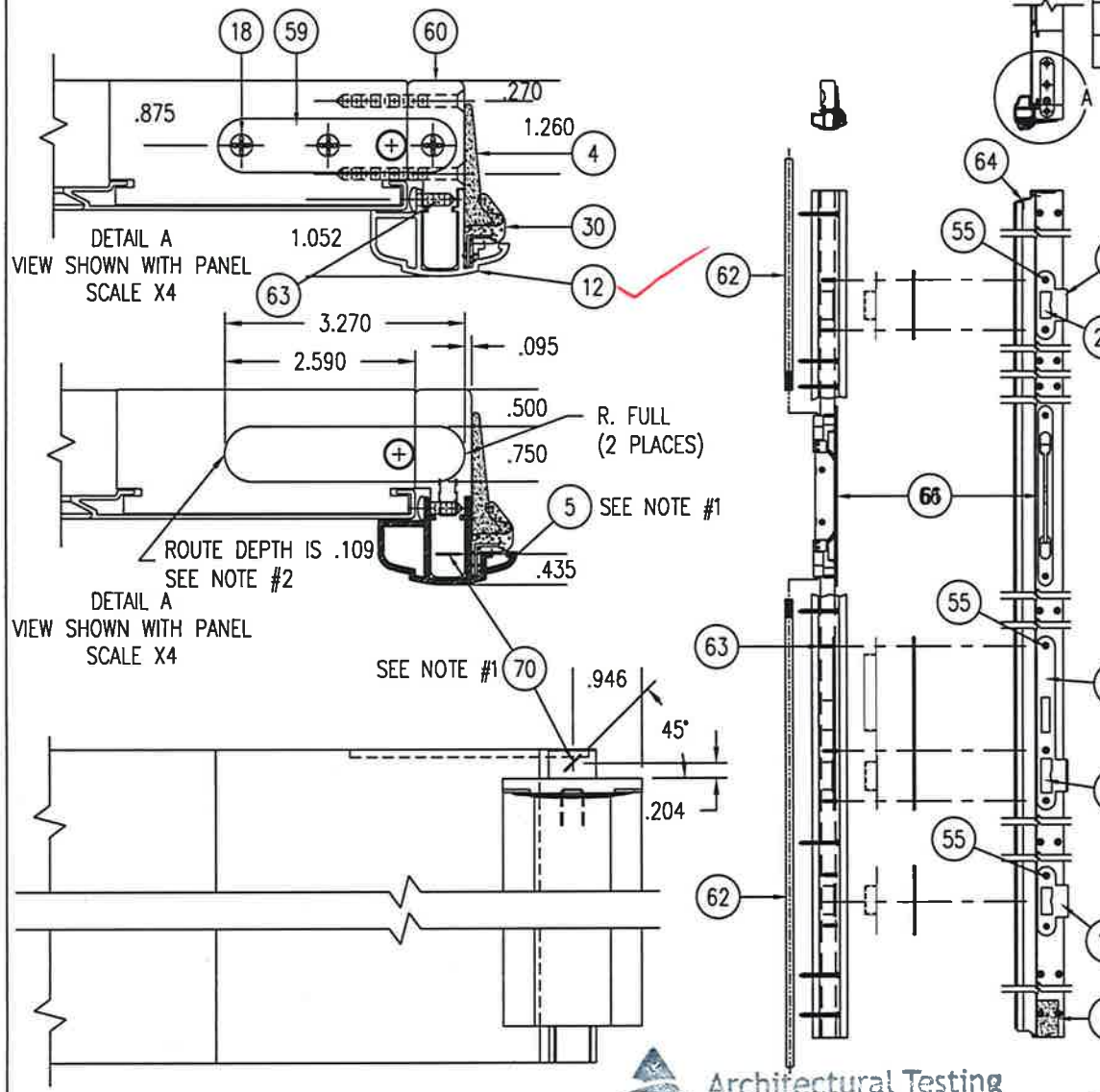
TITLE: CLAD HINGED PATIO DOOR – INSWING (IMPACT) FRAME ASSEMBLY

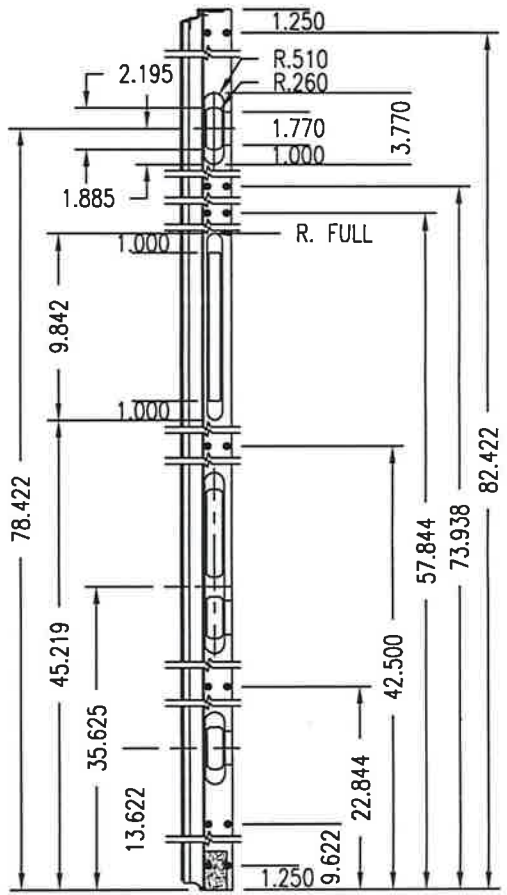
SCALE: 1:2 1/2

SHEET: 3 of 11

DRAWING NUMBER: T0541

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG





Notes:
1. PLASTIC COVER TO BE HELD IN PLACE WITH STAPLES.
2. SEALANT IS APPLIED TO ASTRAGAL.

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 5/25/15 Tech GR

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

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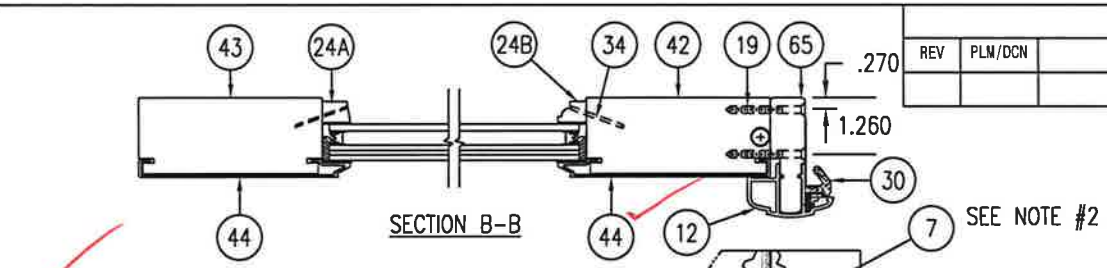
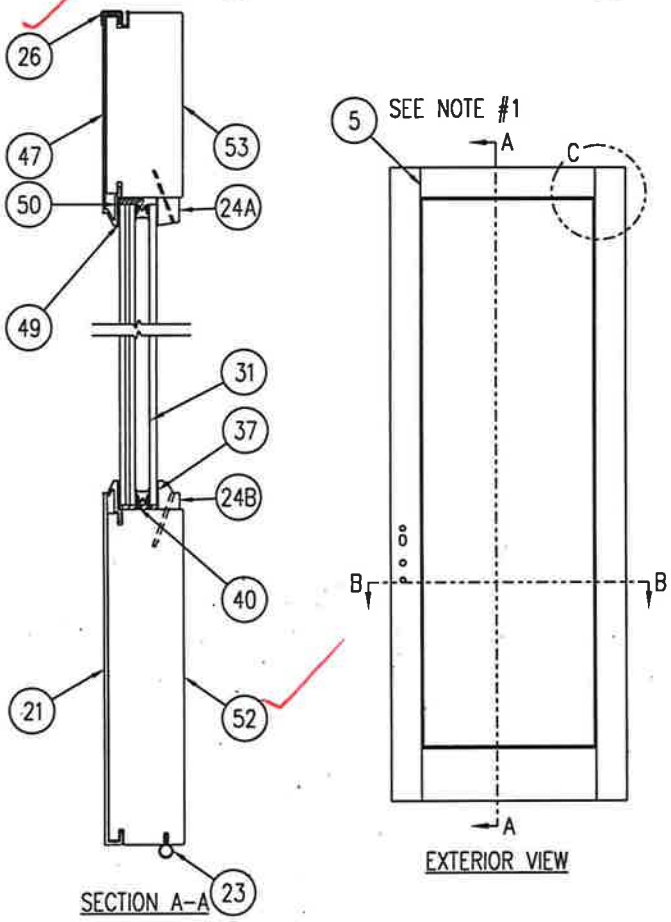
E-Series/Eagle

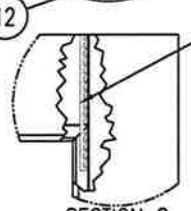
TITLE
CLAD HINGED PATIO DOOR - INSWING (IMPACT)
PANEL ASSEMBLY

SCALE	DRAWING NUMBER
1:9 1/2	T0541
SHEET 4 of 11	

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG







Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 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).

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

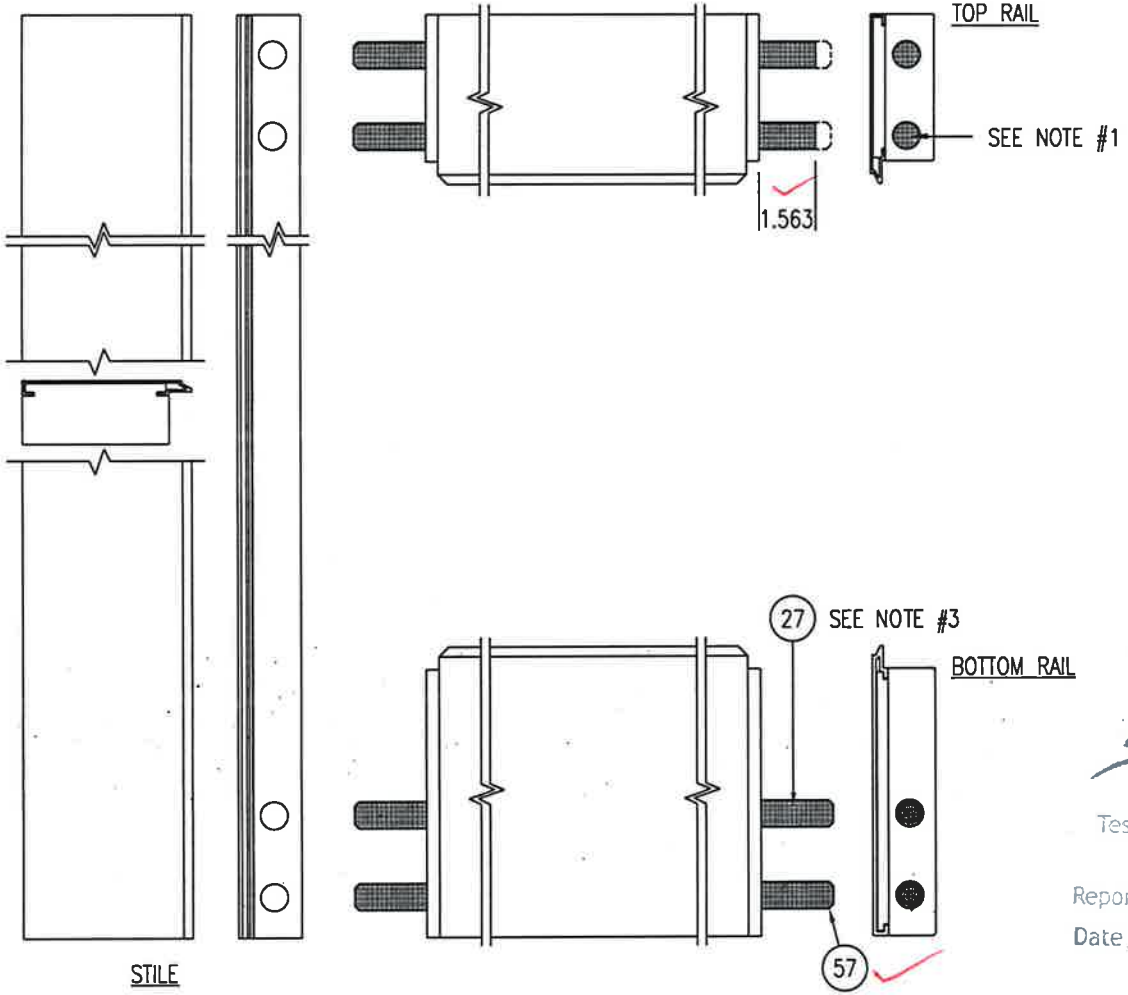
Andersen WINDOWS+DOORS AW

E-Series/Eagle

TITLE: CLAD HINGED PATIO DOOR - INSWING (IMPACT) PANEL ASSEMBLY

SCALE	DRAWING NUMBER
1:4	T0541
SHEET 5 of 11	

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GR

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.

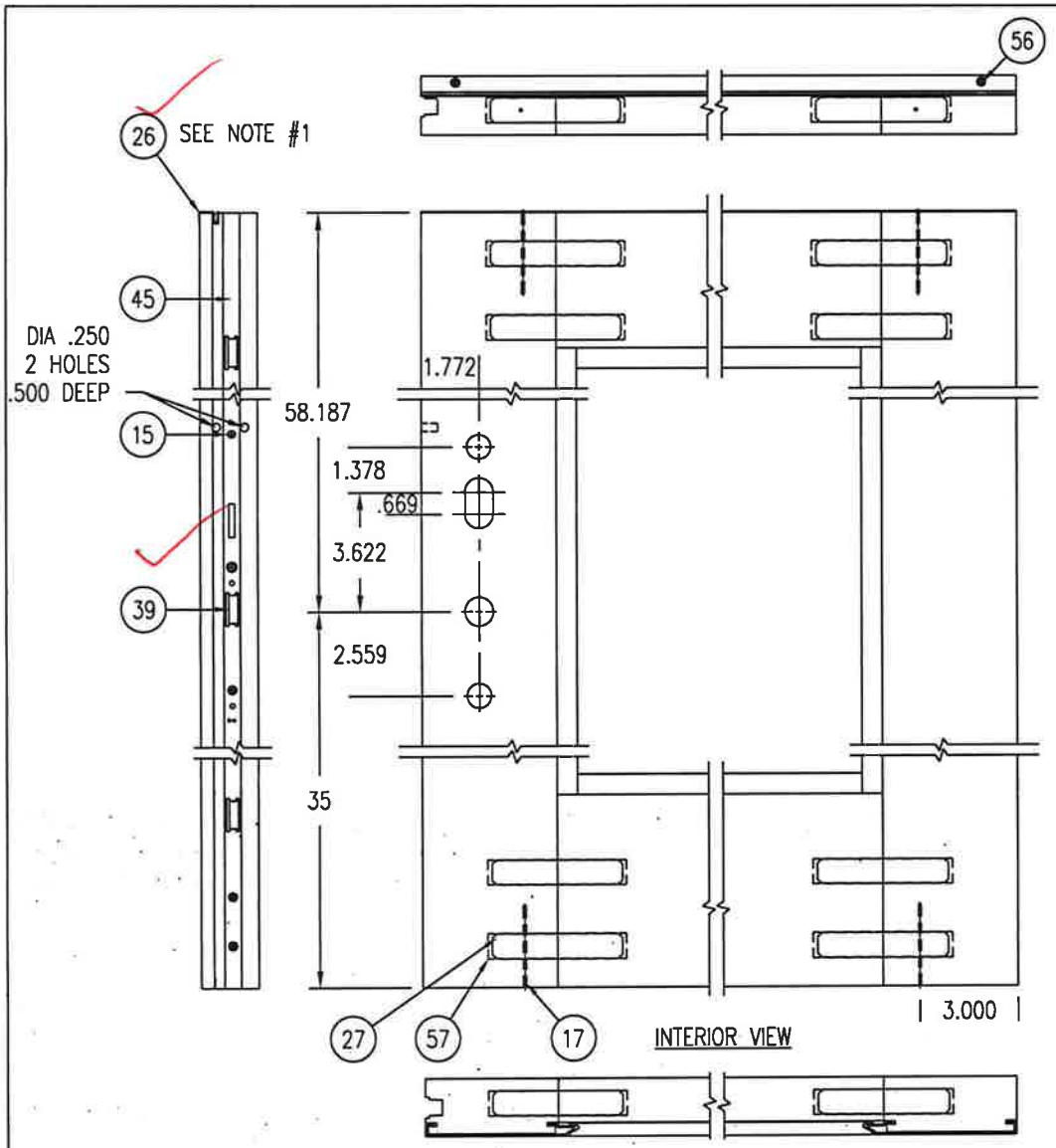
PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	DATE
DECIMALS: ± .005	TPFILE	3/23/2015
FRACTION: ± 1/64	ENGINEER	DATE
ANGLES: ± 1/2	PLM / DCN	

Andersen WINDOWS • DOORS AW

E-Series/Eagle

TITLE: CLAD HINGED PATIO DOOR - INSWING (IMPACT) PANEL ASSEMBLY

SCALE	DRAWING NUMBER
1:5	T0541
SHEET 6 of 11	



REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG

Architectural Testing

Test sample complies with these details. Deviations are noted.

Report# E6415

Date 8/25/15 Tech GC

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

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

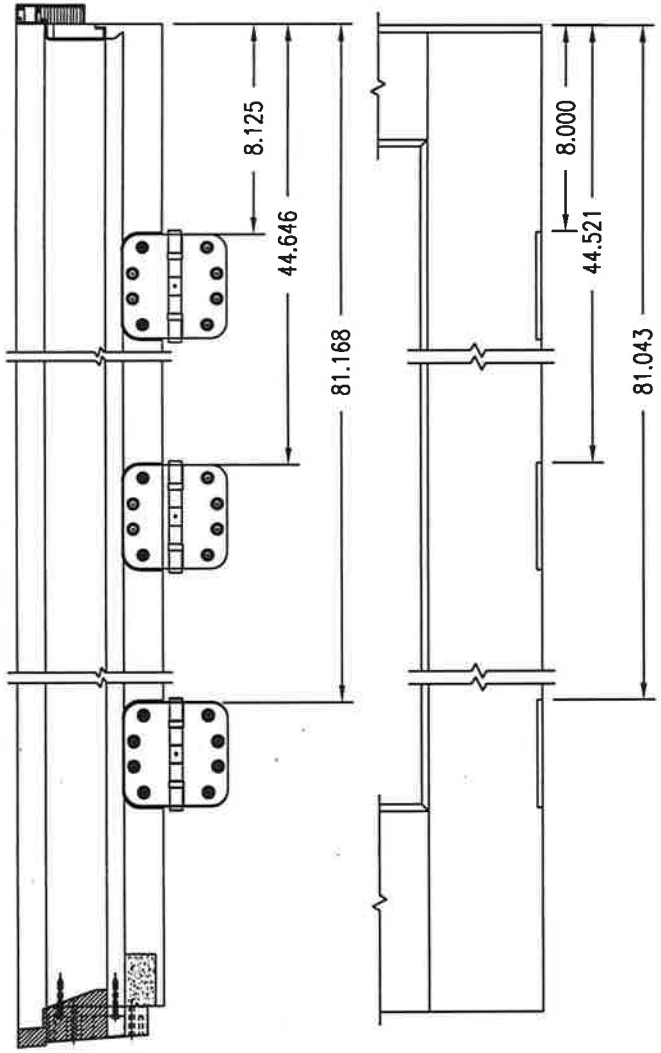
Andersen WINDOWS • DOORS AW

E-Series/Eagle

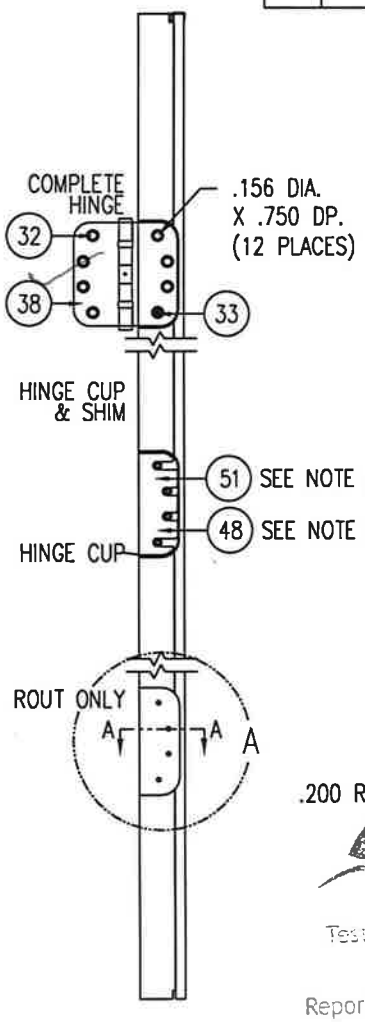
TITLE: CLAD HINGED PATIO DOOR - INSWING (IMPACT) PANEL ASSEMBLY

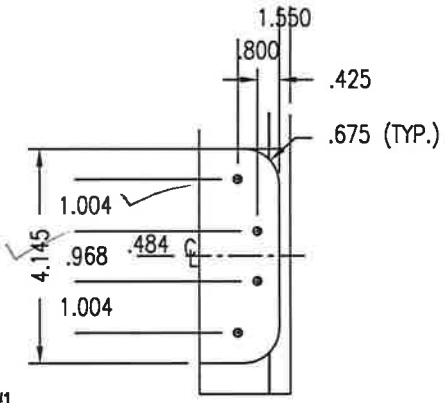
SCALE	DRAWING NUMBER
1:5 1/2	T0541
SHEET 7 of 11	

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG



FRAME PANEL





DETAIL A

.200 ROUT DEPTH TYP.

SECTION A-A

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EG415

Date 8/25/15 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.

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

Andersen WINDOWS • DOORS AW

E-Series/Eagle

TITLE: CLAD HINGED PATIO DOOR - INSWING (IMPACT) HINGE PREP

SCALE	DRAWING NUMBER
1:7	T0541
SHEET 8 of 11	

NO.	DRAWING	DESCRIPTION	QUANTITY	MATERIAL
1	0108040	HEAD JAMB	1	WOOD (LVL)
2	0108128/9	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	0108040	SIDE JAMB	1	WOOD
11	A05X	#10-24 THREADED INSERT	1	ZINC
12	A61D	ASTRAGAL COVER	1	ALUMINUM
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" FHSMS 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" FHSMS	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	NYLON
26	A49X	PANEL CAP	1	ALUMINUM
27	A01D	WOOD ADHESIVE	AS REQUIRED	COPOLYMER
28	0106062	#8 X 7/16" HEAD FHSMS S.S	4	S/S
29	A59Y	SILL WEATHERSTRIP	1	
30	A62G	WEATHERSTRIP	1	
31	0106317	7/8" HARBORMASTER INSULATED 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	0108126	OAK SILL TRIM	1	WOOD
36	A52X	4 9/16" SILL FOAM TAPE	2	
37	A264	ADHESIVE TAPE	2	POLYETHYENE
38	A49P	COMMERCIAL HINGE	6	STAINLESS STEEL
39	A38E	GU CENTER GEAR	1	
40	0108593	GLASS SETTING BLOCK	AS REQUIRED	NEOPRENE RUBBER

REVISIONS					
REV	PLM/DCN	DESCRIPTION	DATE	DRFT	ENG

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EC415

Date 8/25/15 Tech GR

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

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

Andersen WINDOWS+DOORS AW

E-Series/Eagle

TITLE
CLAD HINGED PATIO DOOR - INSWING (IMPACT)
BILL OF MATERIAL

SCALE NO SCALE

DRAWING NUMBER T0541

SHEET 10 of 11

REVISIONS					
REV	PLN/DCN	DESCRIPTION	DATE	DRFT	ENG

NO.	DRAWING	DESCRIPTION	QUANTITY	MATERIAL
41	A622	4 9/16" SILL JAMB FOAM PAD	2	
42	20D6	4 11/16" HINGE STILE	1	WOOD (LVL)
43	20DB	4 11/16" LOCK STILE	1	WOOD (LVL)
44	A73Y	4 11/16" STILE CLADDING	2	ALUMINUM
45	A38M	G-U TOP EXTENSION	AS REQUIRED	
46	A67F	#8 X 1 1/2" PHSMS S.S	1	
47	A613	4 11/16" TOP RAIL CLADDING	1	ALUMINUM
48	A47K	HINGE CUP	6	
49	MDS0052	INSTANT GLAZE II SEALANT	AS REQUIRED	HOT-MELT SILICONE
50	0106101	GLAZING SHIM	AS REQUIRED	NEOPRENE RUBBER
51	A47J	HINGE SHIM	6	
52	20DJ	8" BOTTOM RAIL	1	WOOD (LVL)
53	20D6	4 11/16" TOP RAIL	1	WOOD (LVL)
54	0108140	#6 X 1" FH. ES.	2	
55	0106302	#7 X 5/8" FHSMS 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	A39Y	SHOOT BOLT GUIDE	2	
60	2070	ASTRAGAL	1	WOOD (LVL)
61	A03G	MORTISE DOOR BOLT	1	
62	A03H	TOP & BOTTOM SHOOT BOLT	2	
63	0109970	#8 X 1/2" PPH TEKS #2 SCREW	AS REQUIRED	
64	A04Y	ASTRAGAL FLAT PLATE	1	
65	0108586	5/16" X 1/2" STAPLE	AS REQUIRED	
66	A396	GU IN-ACTIVE DOOR HANDLE SET	1	
67	0108140	#6 x 1 1/4" FHWS TEKS POINT S.S	2	

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EC4415

Date 9-9-15 Tech W

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

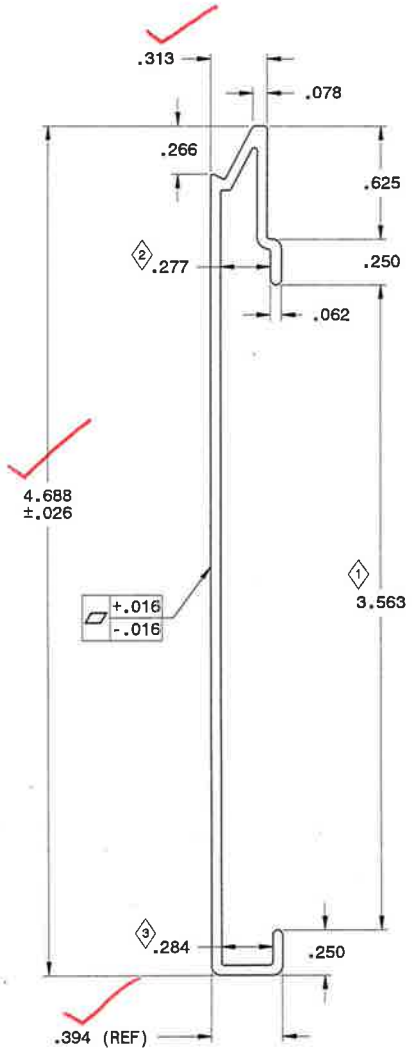
DRAWN BY: TPFILE
DATE: 3/23/2015
ENGINEER:
DATE:
PLN / DCN:

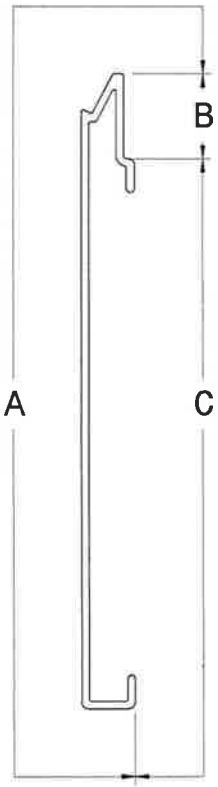
Andersen WINDOWS • DOORS AW
E-Series/Eagle

TITLE
CLAD HINGED PATIO DOOR - INSWING (IMPACT)
BILL OF MATERIAL

SCALE NO SCALE
SHEET 11of 11
DRAWING NUMBER T0541

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# EC6415

Date 8/25/15 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 = .055, UNLESS NOTED.
4. AREA = .345 SQ. IN.
5. CRITICAL DIMENSIONS: 1 THRU 5

EAGLE MILL #M1889

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°

Eagle® WINDOWS & DOORS an Andersen Company

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY: KJS	DATE: 9/13/2011
DECIMALS: ±	CHECKED BY:	DATE:
ANGLES: ±	ENGINEER:	DATE:

TITLE: PROFILE, 4 11/16" PANEL COVER

PROFILE

SPECIFICATIONS: C0106 | MP033 | PD300 | MM035

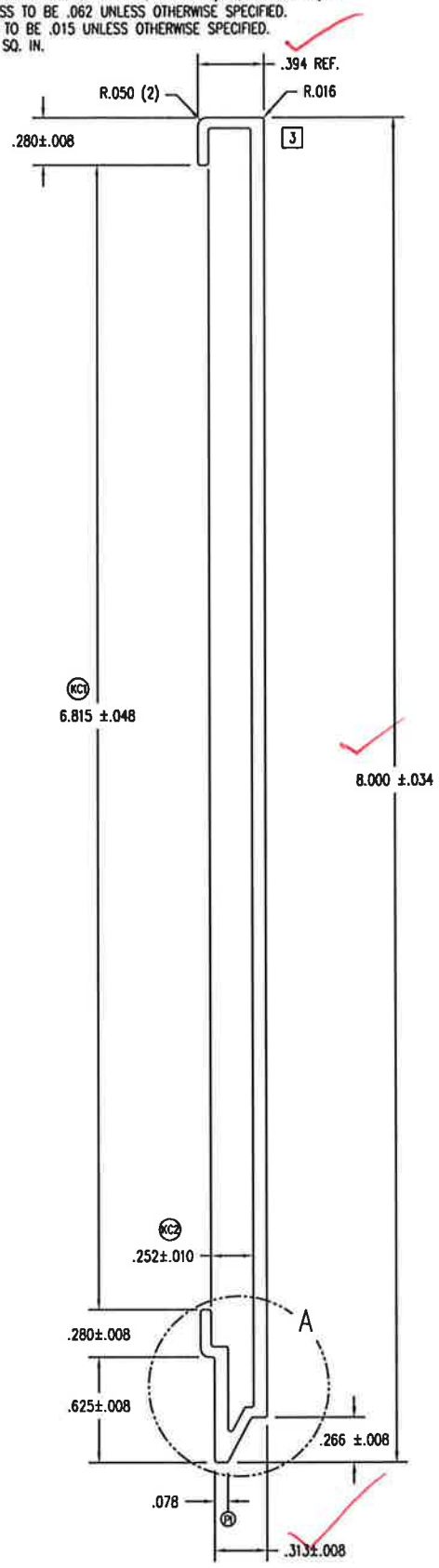
SCALE: 2x

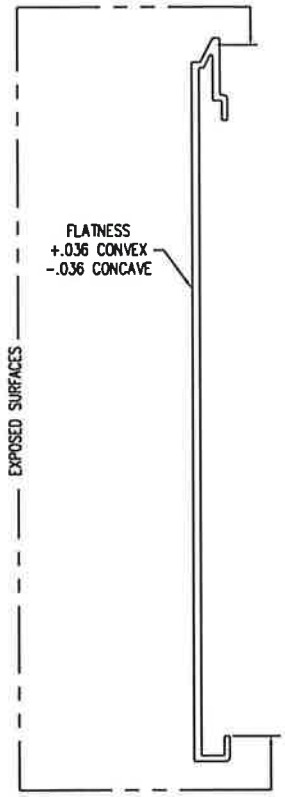
SHEET: 1 OF 6

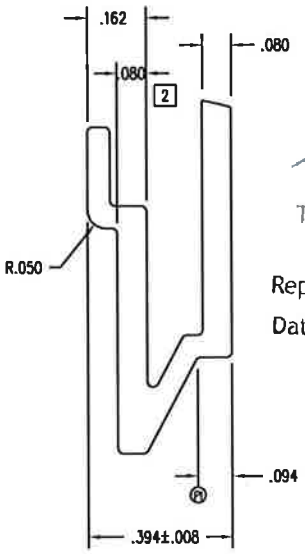
DRAWING NUMBER: 0107585.IPT

A73Y

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. 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

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EC415

Date 8/25/15 Tech GR

TOLERANCES (UNLESS NOTED)	
THICKNESS	±.006
ANGLES	±1°
.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
8.000 – 9.999	±.054
10.000 & ABOVE	±.060

TITLE: 8" PANEL CLADDING INTERLOCK FIT
FINISH: EAGLE'S STD. COLORS
MATL: 6063 T-6 ALUMINUM

NO	DESCRIPTION	DFT	DOC	DATE
03	MADE CORNER RADIUS .015	AWW	PRE	10/7/04
02	MADE WALL .080, NOT .062	AWW	PRE	6/28/04
01	REMOVED "BUMPS"	TWN	PRE	5/5/04

DFT: AWW SCALE: 1=1
DCN: 0736 DRWG: A64K
DATE: 7/14/2003 C 01 OF 02

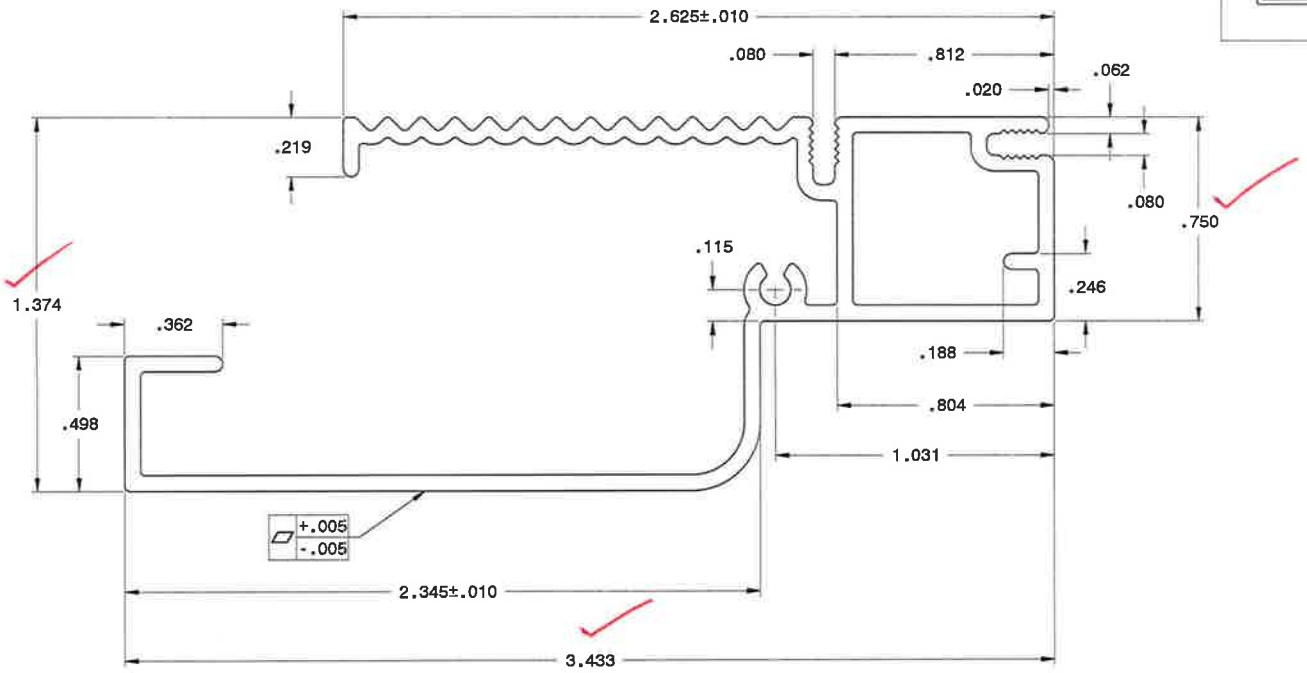
REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BH-00	22956	REVISED LOCATION OF DIM L ON PAGE 2	5/1/2013		MLP

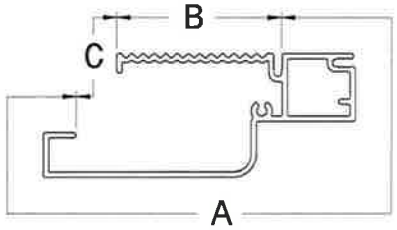
Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EC415

Date 8125115 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.

EXTRUDED ALUMINUM PROFILE TOLERANCE	
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
WALL THICKNESS	±.007
ANGULAR TOL	±1°

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS: ±
ANGLES: ±

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

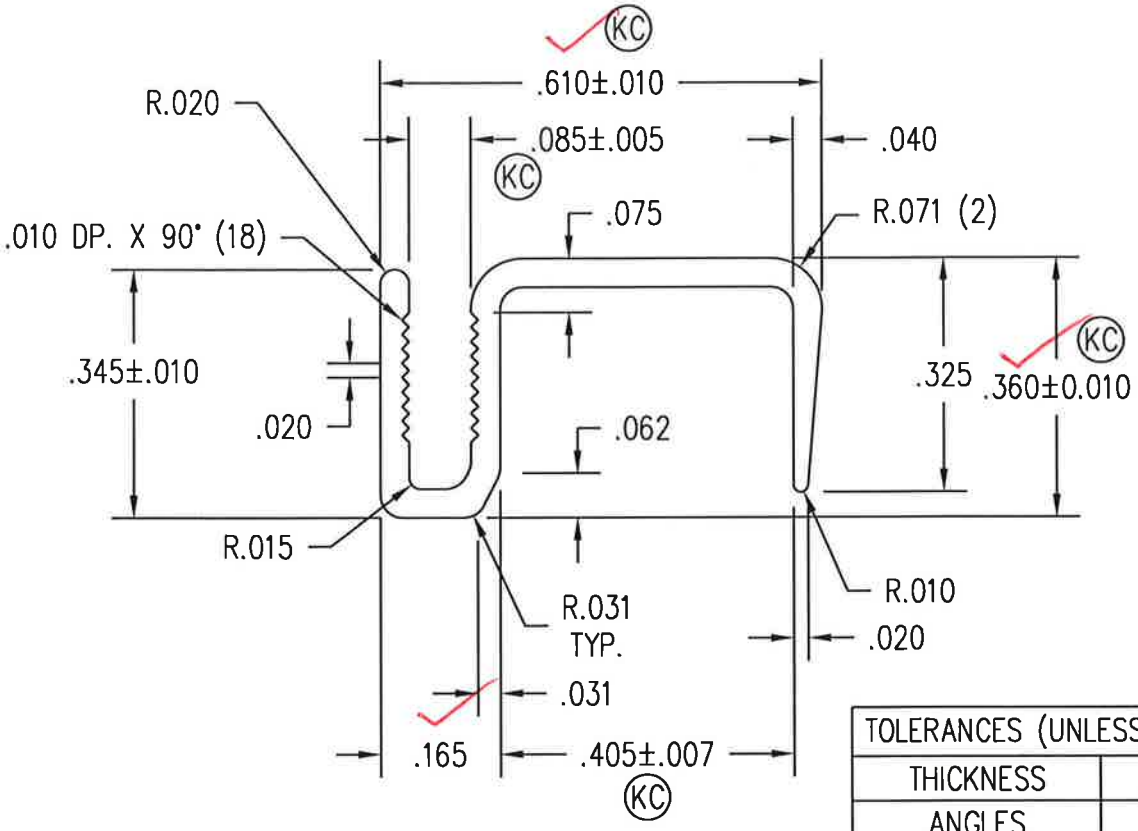
TITLE:
PROFILE, 4 9/16" WALL, JAMB COVER, ISPD
PROFILE

SPECIFICATIONS:
C0106 | MP033 | PD300 | MM035

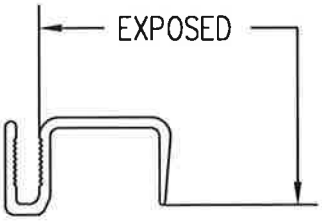
SCALE: 3x
SHEET: 1 OF 4

DRAWING NUMBER: 0107578-1PT
A63W

NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.010; FRAC. ±1/64; ANGLES ±1/2°.
2. WALL THICKNESS .040 UNLESS OTHERWISE SPECIFIED.



TOLERANCES (UNLESS NOTED)	
THICKNESS	±.006
ANGLES	±1°
.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
8.000 – 9.999	±.054
10.000 & ABOVE	±.060



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GR

BD	UPDATE TITLE	KJS	21682	6/7/12	DCN: 0838	DRWG: A49X
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 9/7/2001	A 01 OF 02

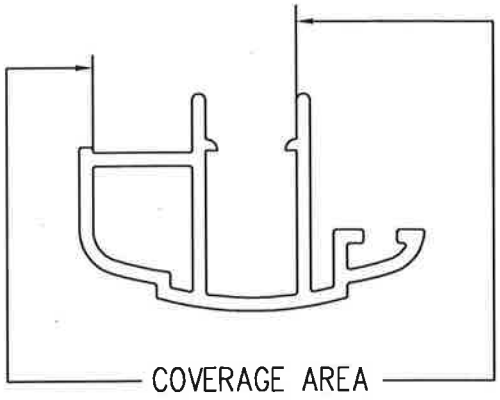
TITLE: PROFILE, PANEL CAP, HINGED PATIO

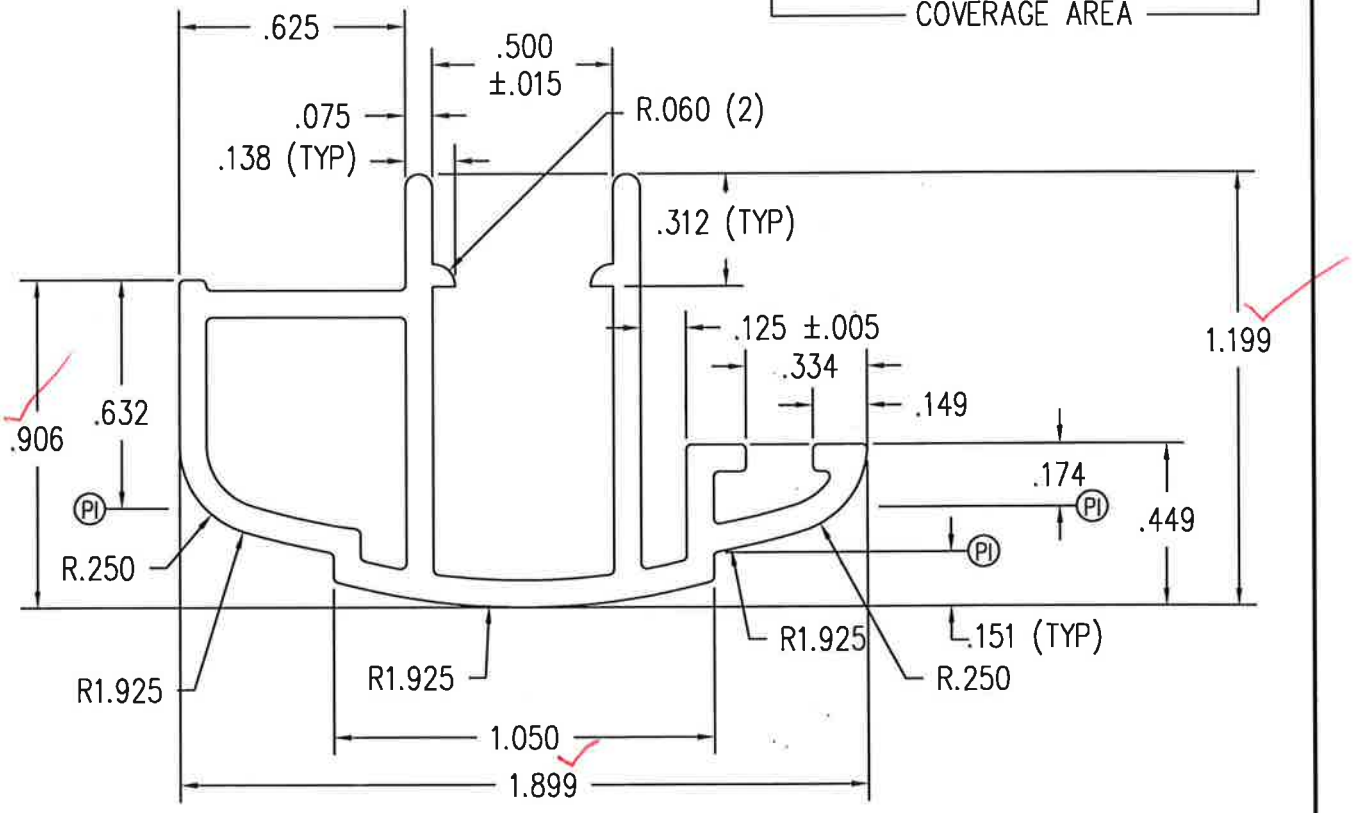
FINISH: EAGLE'S STD. COLORS

MATL: 6030 T-6 ALUMINUM

DFT: TWN SCALE: 4=1

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. TYPICAL WALL THICKNESS .075.
3. BREAK ALL CORNERS .015, UNLESS NOTED.
4. AREA = .444 SQ. IN.





Architectural Testing

Test sample complies with these details. Deviations are noted.

Report# E6415

Date 8/29/15 Tech GR

TITLE: CLAD INSWING – DOUBLE DOOR ASTRAGAL

FINISH: EAGLE'S STD. COLORS

MATL: 6063 T-6 ALUMINUM

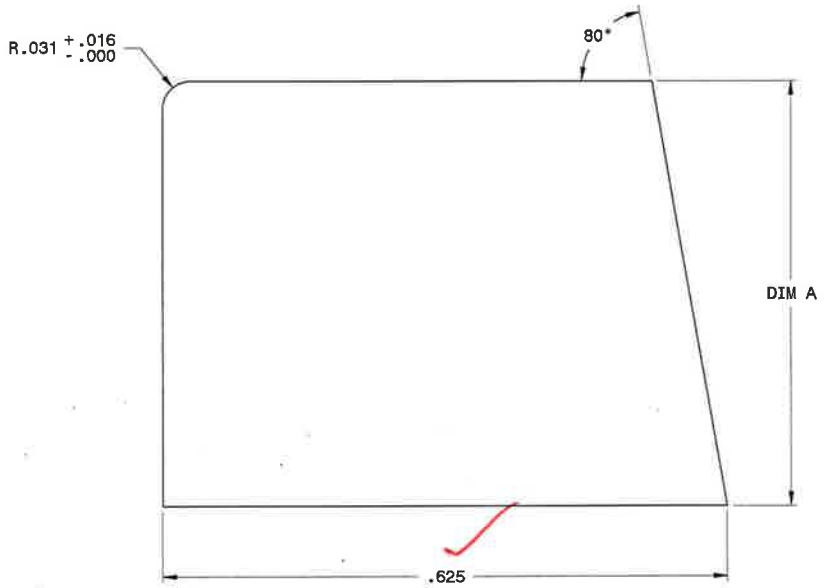
DFT: AWW | SCALE: 2=1

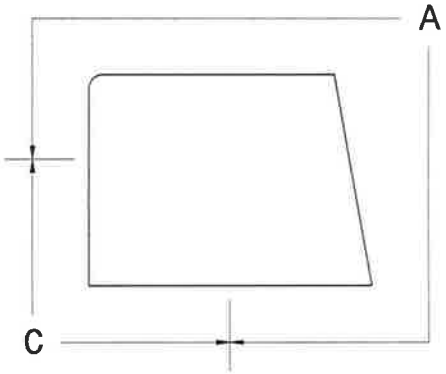
DCN: 0794 | DRWG: A61D

DATE: 7/25/2003 | A 01 OF 03

BC NO	UPDATE SHEET # DESCRIPTION	KJS DFT	21682 DOC	6/7/12 DATE

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





Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EG415

Date 8/25/15 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°

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS: ±
ANGLES: ±

DRAWN BY:	DATE:
tnies	1/7/2014
CHECKED BY:	DATE:
ENGINEER:	DATE:

TITLE:
PROFILE, CONTEMPORARY GLASS STOP
PROFILE

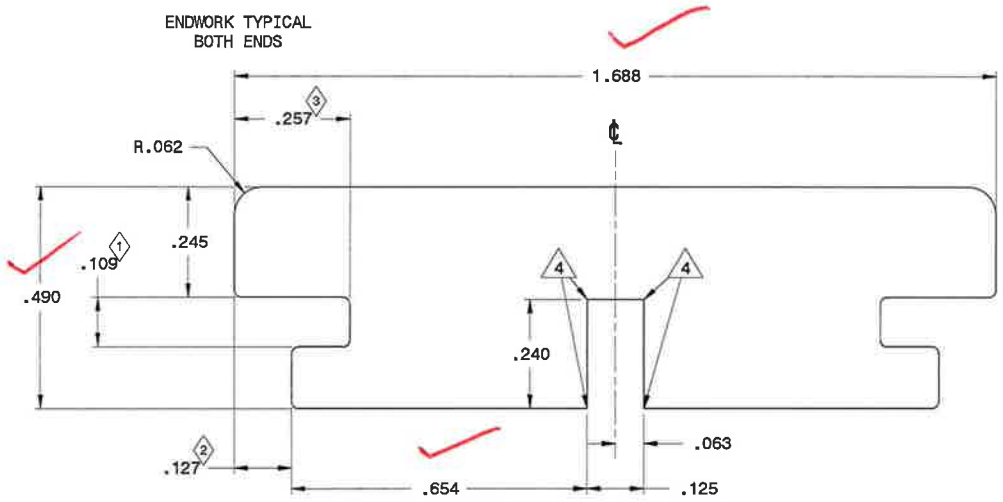
SPECIFICATIONS:

PD255	MW001	PD252	PD253	PD276	MP001

SCALE: 4x
SHEET: 1 OF 1
DRAWING NUMBER: 0108397.IPT
0108397

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

ENDWORK TYPICAL
BOTH ENDS



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GE

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 3
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°

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS: ±
ANGLES: ±

DRAWN BY:	DATE:
KJS	2/28/2014
CHECKED BY:	DATE:
ENGINEER:	DATE:

TITLE:
PROFILE, TRIM, INTERIOR SILL, INSWING HINGED DOOR
PROFILE

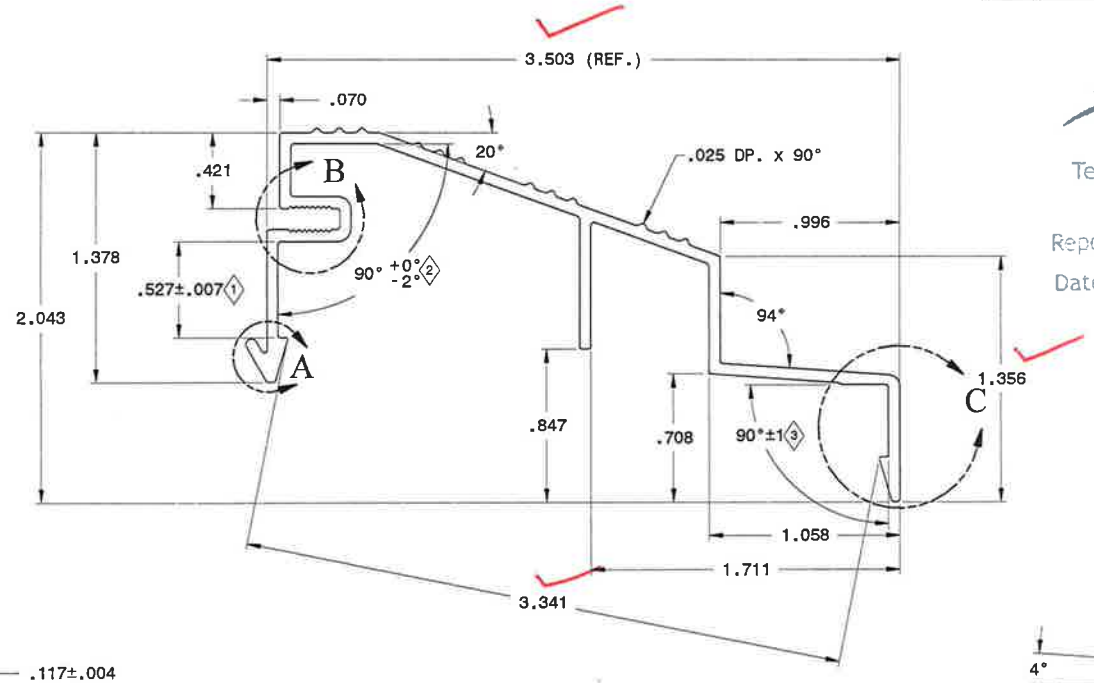
SPECIFICATIONS:

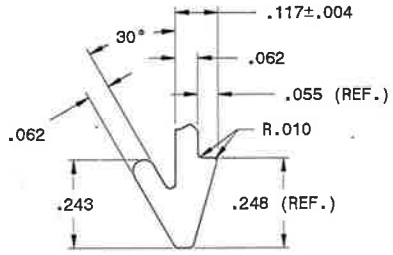
PD255	MW001	PD252	PD253	PD276	MP001

SCALE: 5x
SHEET: 1 OF 2

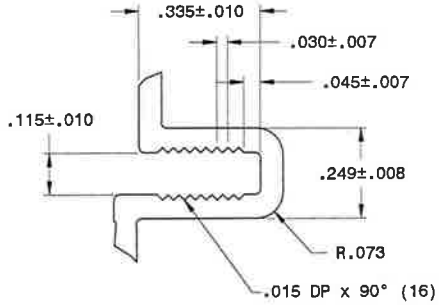
DRAWING NUMBER: 0108126.IPT
0108126

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

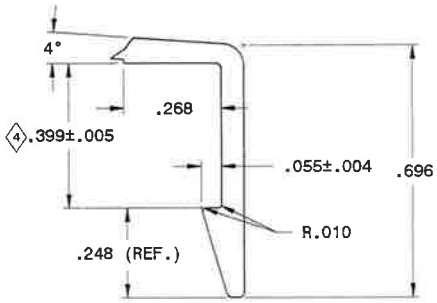




DETAIL A



DETAIL B



DETAIL C

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EC6415

Date 3125115 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 = .062, UNLESS OTHERWISE SPECIFIED.

4: AREA = .499 SQ. IN.

5: PERIMETER = 15.791 INCHES.

6: CRITICAL DIMENSIONS: 1 THRU 4

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°

PERMISSIBLE 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
SHEET: 1 OF 1
DRAWING NUMBER: 0107873
0107873.ipt

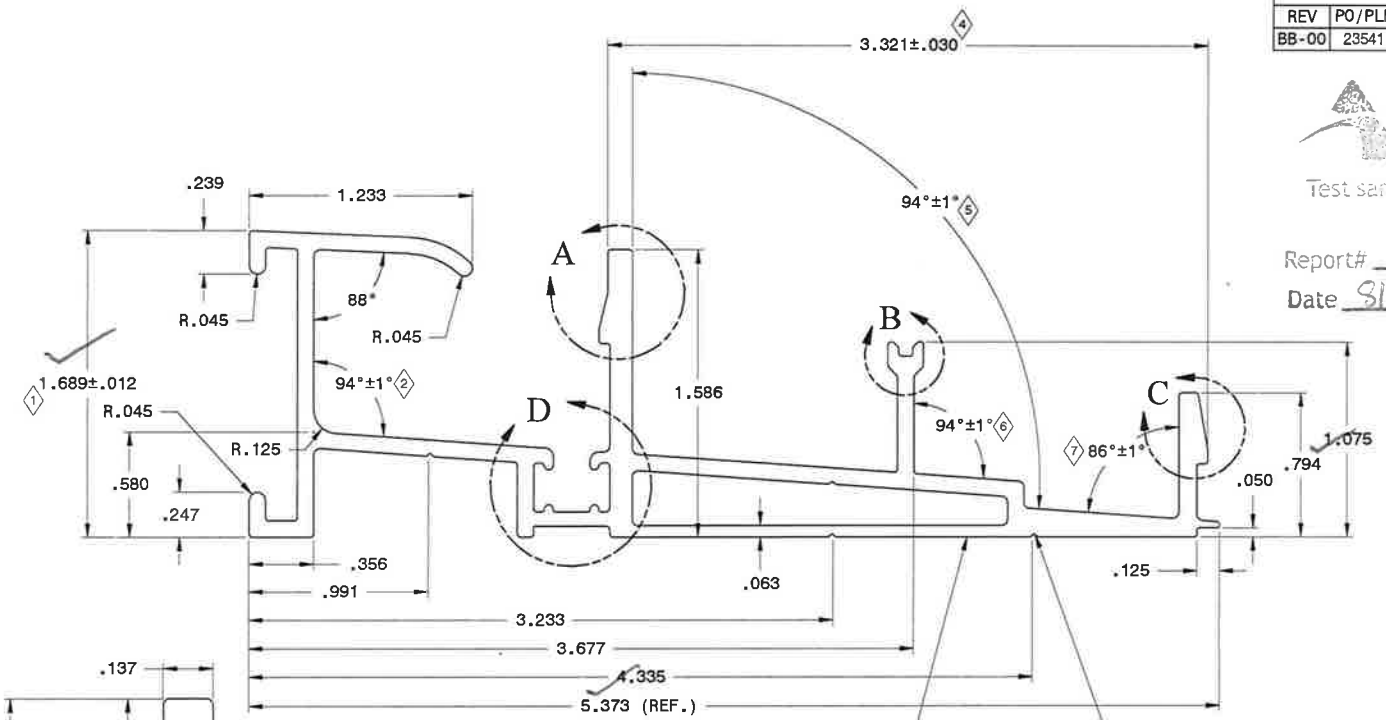
REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BB-00	23541	ADDED DE-BRIDGE CUT AND POUR MATERIAL	11/8/2013	AWW	KJS

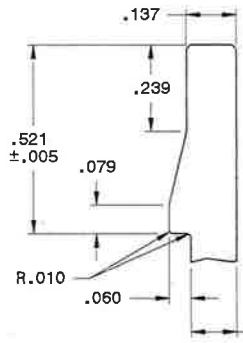
Architectural Testing

Test sample complies with these details.
Deviations are noted.

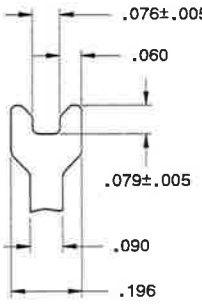
Report# EG415

Date 8/25/15 Tech GR

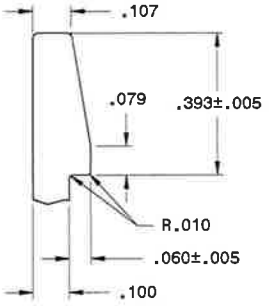




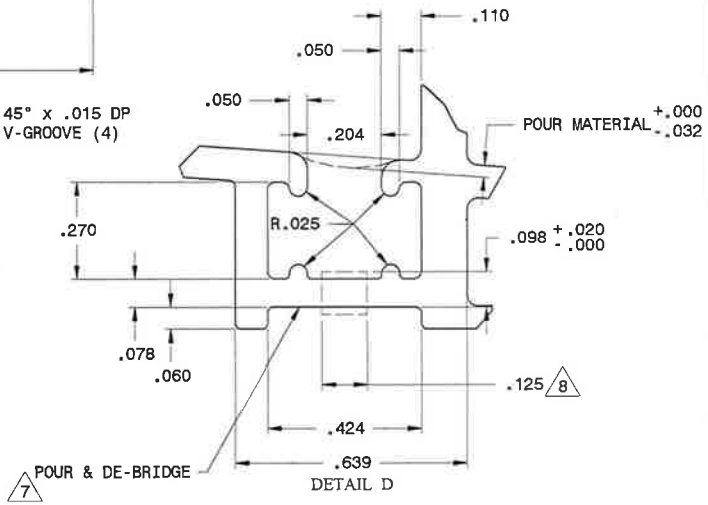
DETAIL A



DETAIL B



DETAIL C



DETAIL D

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 = .090, UNLESS OTHERWISE SPECIFIED.
4. POLYURETHANE THERMAL CONDUCTIVITY VIA ASTM C-518 IS .0913 BTU/HR-FT-DEGREE.
5. AREA = 1.355 SQ. IN. (NOT INCLUDING BREAK)
6. 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°

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS: ±
ANGLES: ±

DRAWN BY:	KJS	DATE: 1/24/2012
CHECKED BY:		DATE:
ENGINEER:		DATE:

TITLE:
PROFILE, SILL, 4 9/16", I/S HINGED, BASE TBK
PROFILE

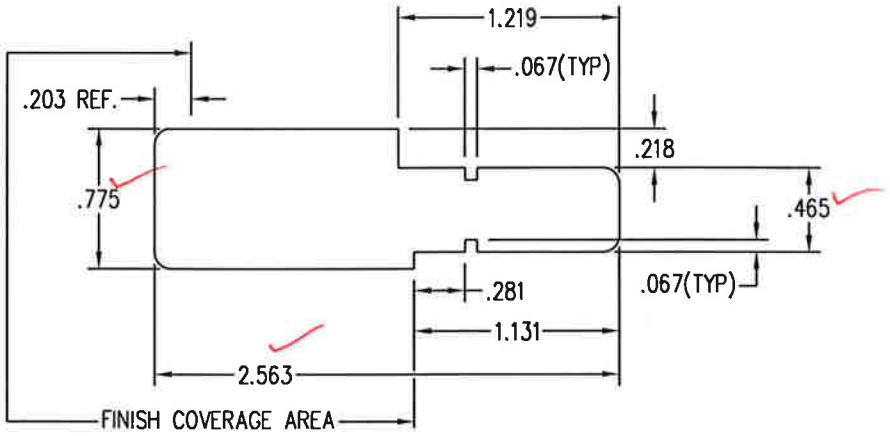
SPECIFICATIONS: MM035

SCALE: 2x
SHEET: 1 OF 1

DRAWING NUMBER: 0107867
0107867.ipt

Note: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES.

TOLERANCES (UNLESS NOTED)	
CUTSTOCK (LENGTH, WIDTH, HEIGHT)	+.062/−.000
TOOLING DIMENSIONS (TOOL BUILT)	±.008
SET-UP / PROCESS DIMENSIONS	±.012
SHOULDER DIMENSIONS (TENONER)	±.007
LENGTH DIMENSIONS (TENONOR/CHOP SAW/FRACTIONAL)	±.020
BOW/WARP/CROOK	±.016 PER FOOT NOT TO EXCEED ±.047



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GR

BG	UPDATED TITLE		KJS	21682	5/30/12
NO	Description of Change		Drafter	DCN#	Date
Title:	PROFILE, ASTRAGAL, I/S HINGED PATIO	Finish: PRESERVATIVE	Material	SEE NOTE #3	
Scale:	1"=1"	Date: 9/17/1992			
Drafter:	AEB	DCN# 0058			

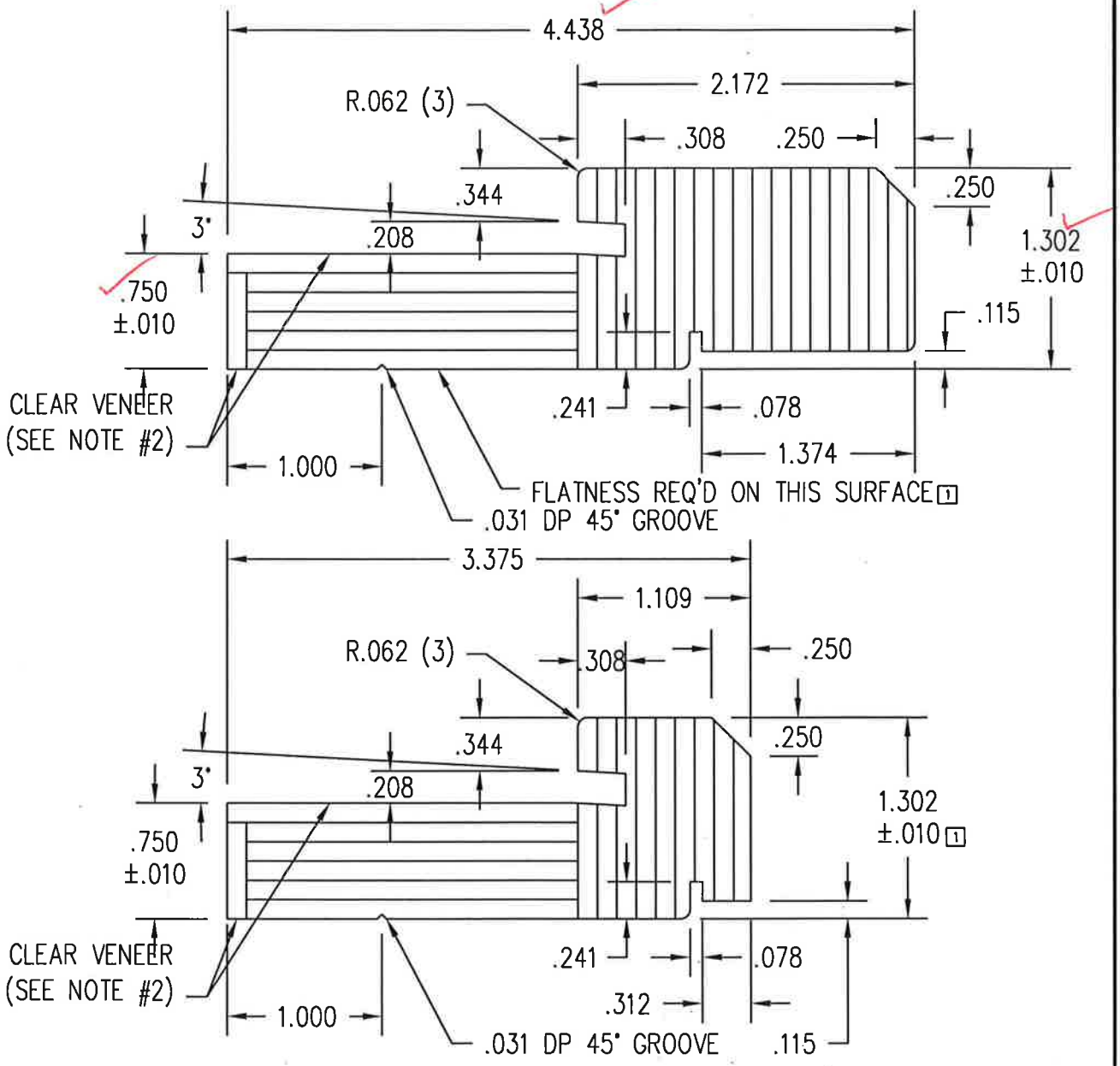
REVISION: 4

2070

01 of 03

47,61,65,67

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. 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# EC415
Date 8/25/15 Tech GE

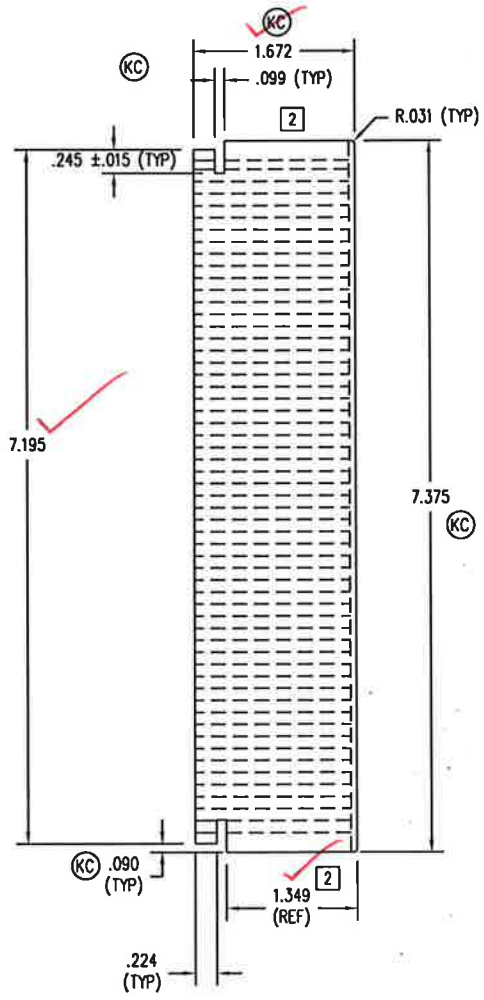
TITLE:	CLAD INSWING DOOR WOOD JAMB					
FINISH:						
MATL:	LVL					
DFT:	AWW				SCALE:	1=1
BE	REVISED CLEAR VENEER CAPS	KJS	23241	7/29/13	DCN: 0794	DRWG: 221M
NO	DESCRIPTION	DFT	DOC	DATE	DATE: 10/31/2002	A 01 OF 05

NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.010; FRAC. ±1/64; ANGLES ±1/2°.
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.), SOLID, 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# E6415
Date 8/25/15 Tech GR



TITLE: 8" BOTTOM RAIL

FINISH: PRESERVATIVE (SEE A02J) ALSO (INT. A02F)

MATL: SEE NOTE #3

DFT: TWN SCALE: 1=2

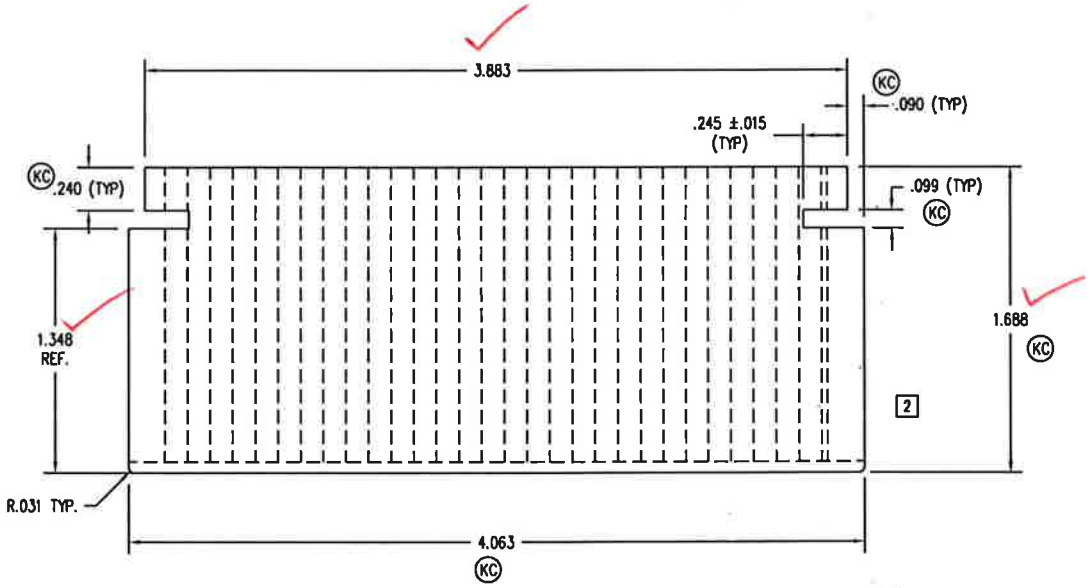
DCN: 0736 DRWG: 200J

DATE: 3/31/2004 C 01 OF 02

NO	DESCRIPTION	DFT	DOC	DATE
04	CHNG'D PROFILE	TWN	PRE	3/22/05
03	.073 WAS .056	AWW	PRE	10/18/04
02	.015 WAS .094, RMV'D ANGLE	AWW	PRE	10/7/04
01	CHNG'D TO MATCH 2009	AWW	PRE	6/30/2004

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)	+.062/-.000
TOOLING DIMENSIONS (TOOL BUILT)	±.008
SET-UP / PROCESS DIMENSIONS	±.012
SHOULDER DIMENSIONS (TENONER)	±.007
LENGTH DIMENSIONS (TENONOR/CHOP SAW/FRACTIONAL)	±.020
BOW/WARP/CROOK	±.016 PER FOOT NOT TO EXCEED ±.047

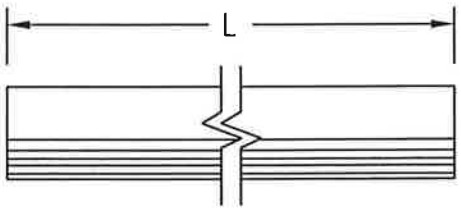


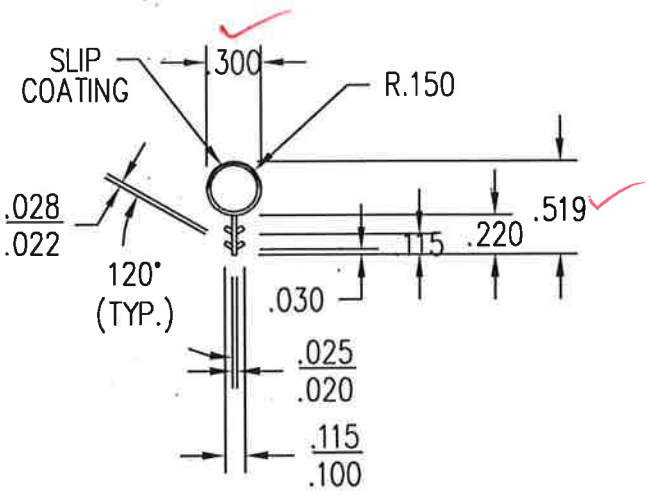
Architectural Testing
Test sample complies with these details.
Deviations are noted.
Report# EG415
Date 8/25/15 Tech GR

TITLE: 4 11/16" STILE / RAIL
FINISH: PRESERVATIVE (SEE A02J) ALSO (INT. A02F)
MATL: SEE NOTE 13
DFT: TWN SCALE: 1=1
DCN: 0736 DRWG: 2006
DATE: 8/28/2003 C 01 OF 07

NO	DESCRIPTION	DFT	DOC	DATE
04	CHNG'D PROFILE	TWN	PRE	3/22/05
03	.104 (TYP) READ .086	AWW	PRE	10/18/04
02	REMV'D ANGLE FROM GLASS SHELF	AWW	PRE	10/3/04
01	CHNG'D TO MATCH 20A1	AWW	PRE	6/28/04

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. .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# E6415

Date 8125115 Tech GR

TITLE: APTUS BULB WEATHERSTRIP

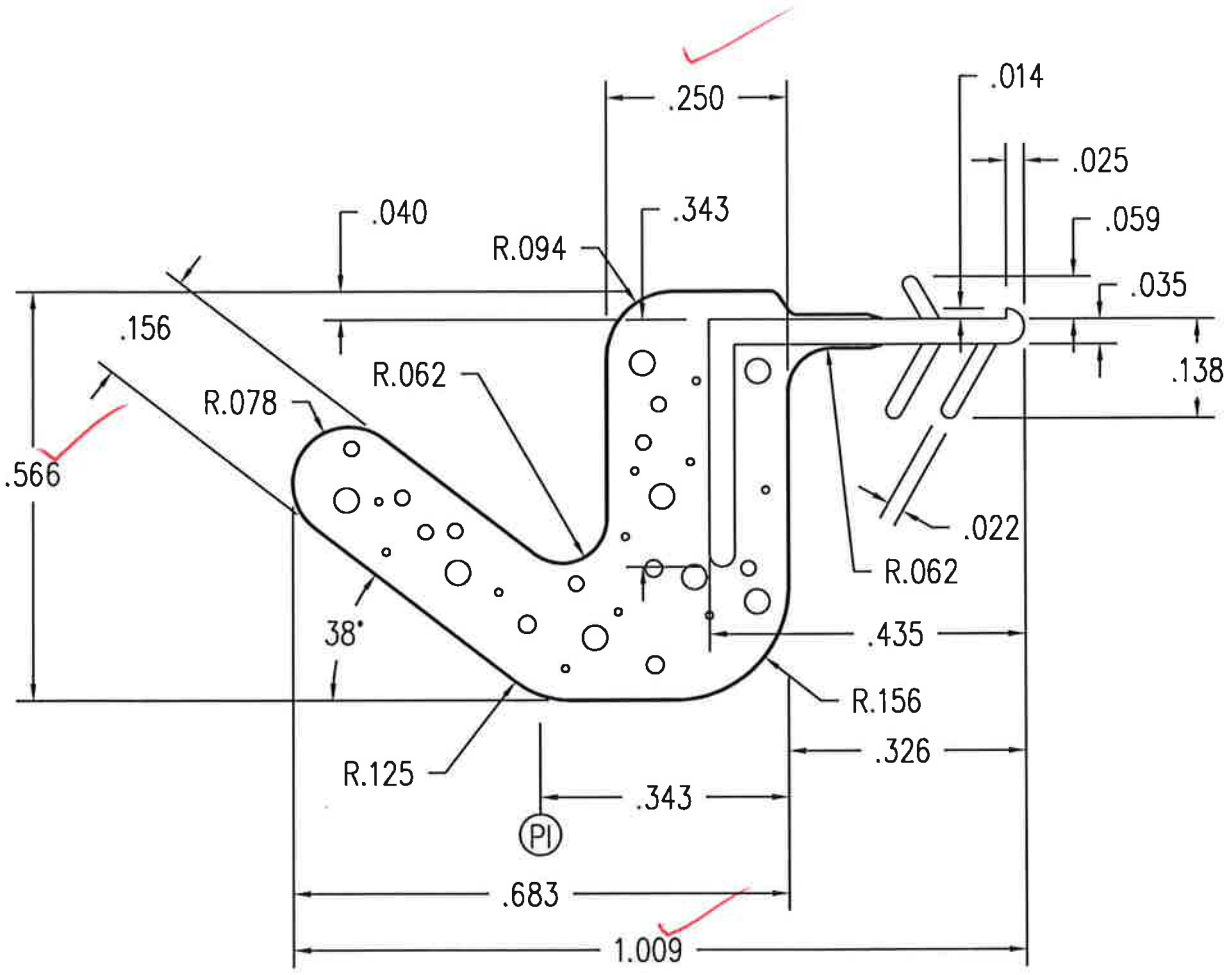
FINISH:

MATL: SLIPCOATED DUAL DUROMETER PROPYLENO/ETHYLONE COPOLYMER

DFT: CRC	SCALE: 1=1
DCN: 0736	DRWG: A661
DATE: 7/15/2004	A 01 OF 01

NO	DESCRIPTION	DFT	DOC	DATE

NOTE: 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES AND ALL TOLERANCES ARE TO BE: DEC. ±.005; FRAC. ±1/64; ANGLES ±1/2°.
2. APPROVED VENDOR: SCHLEGEL

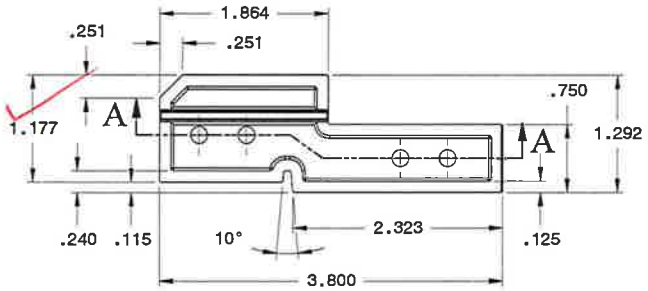


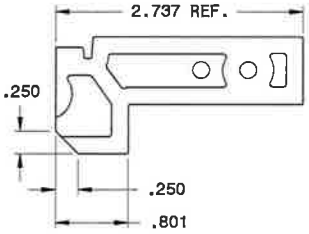
Architectural Testing
Test sample complies with these details.
Deviations are noted.
Report# E6415
Date 9/25/15 Tech CK

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

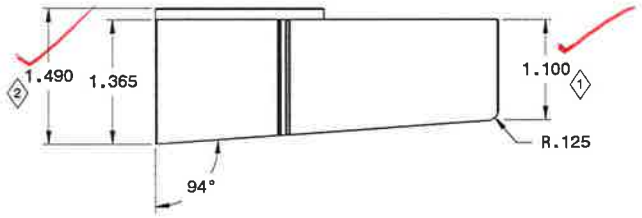
BC	UPDATE TITLE	KJS	21682	6/7/12
NO	DESCRIPTION	DFT	DOC	DATE

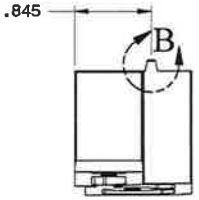
REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BA-00	21871	ADDED RADIUS	5/20/2013		TWN

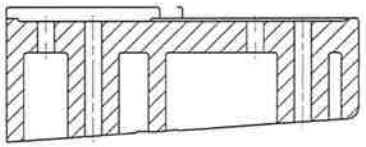




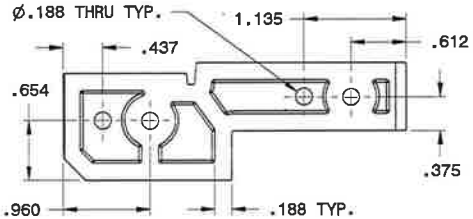
CUT DOWN FOR 3 1/2" WALL

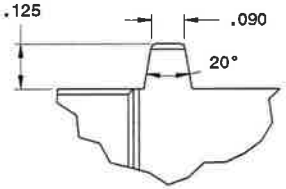






SECTION A-A





DETAIL B

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech Ge

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 ②
   CRITICAL DIMENSIONS INACTIVE: NONE

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

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS: ±
ANGLES: ±

DRAWN BY: tnies DATE: 5/20/2013
CHECKED BY: DATE:
ENGINEER: DATE:

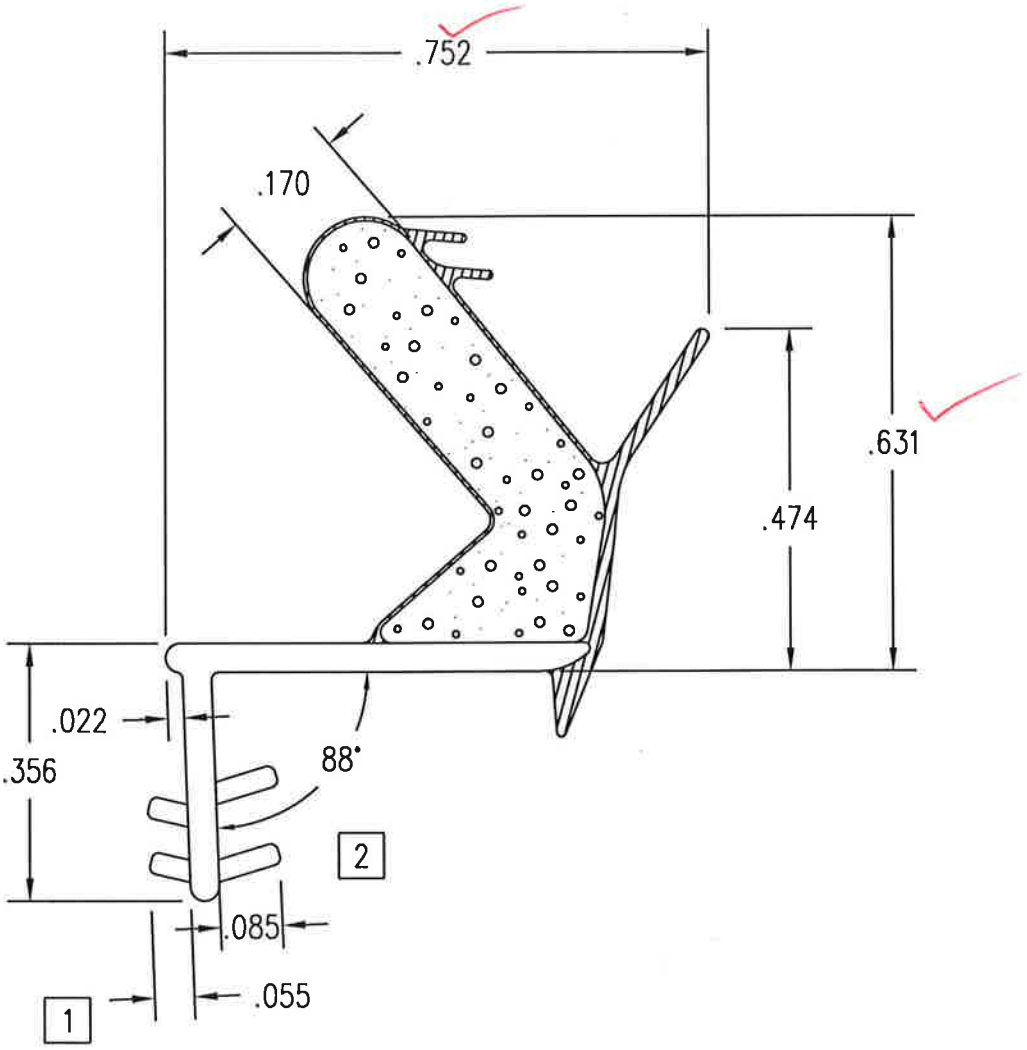
TITLE: JAMB RH RISER BLOCK, INSWING HINGED DOOR

SPECIFICATIONS:

SCALE: 1x
SHEET: 1 OF 1

DRAWING NUMBER: 0108129-01.ipt
0108129

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. APPROVED VENDOR: AMESBURY FOAMTITE



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# EC410

Date 8/25/15 Tech GR

TITLE: FOAM WEATHERSTRIP

FINISH:

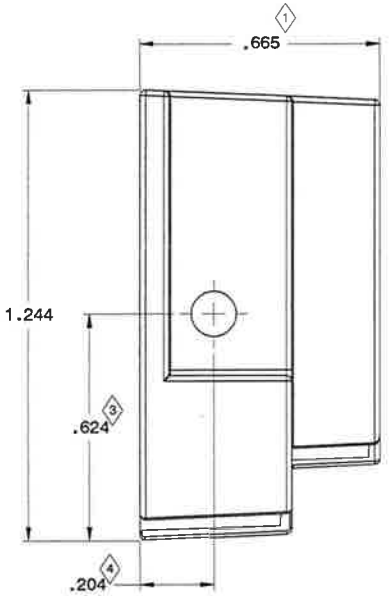
MATL: TPE FOAM – PVC SKIN

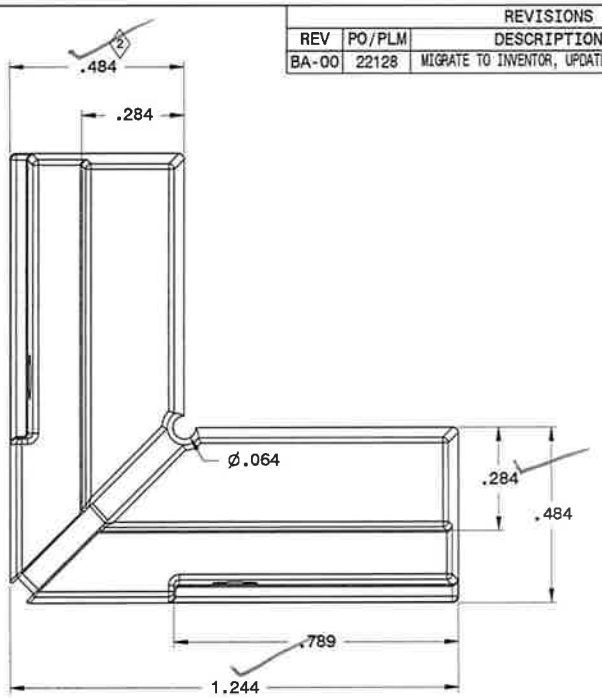
NO	DESCRIPTION	DFT	DOC	DATE
02	CHG'D BARBS AN ADDED ANGLE	TWN	1198A	8/18/09
01	ADDED BARBS	TWN	1198	1/27/09

DFT: TWN
DCN: 0794
DATE: 6/10/2003

SCALE: 4=1
DRWG: A59Y
A 01 OF 02

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



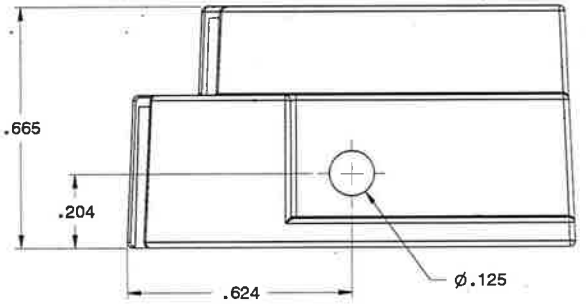


Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6413

Date 8/25/15 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

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

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS: ±
ANGLES: ±

DRAWN BY:	DATE:
KJS	3/21/2013
CHECKED BY:	DATE:
ENGINEER:	DATE:

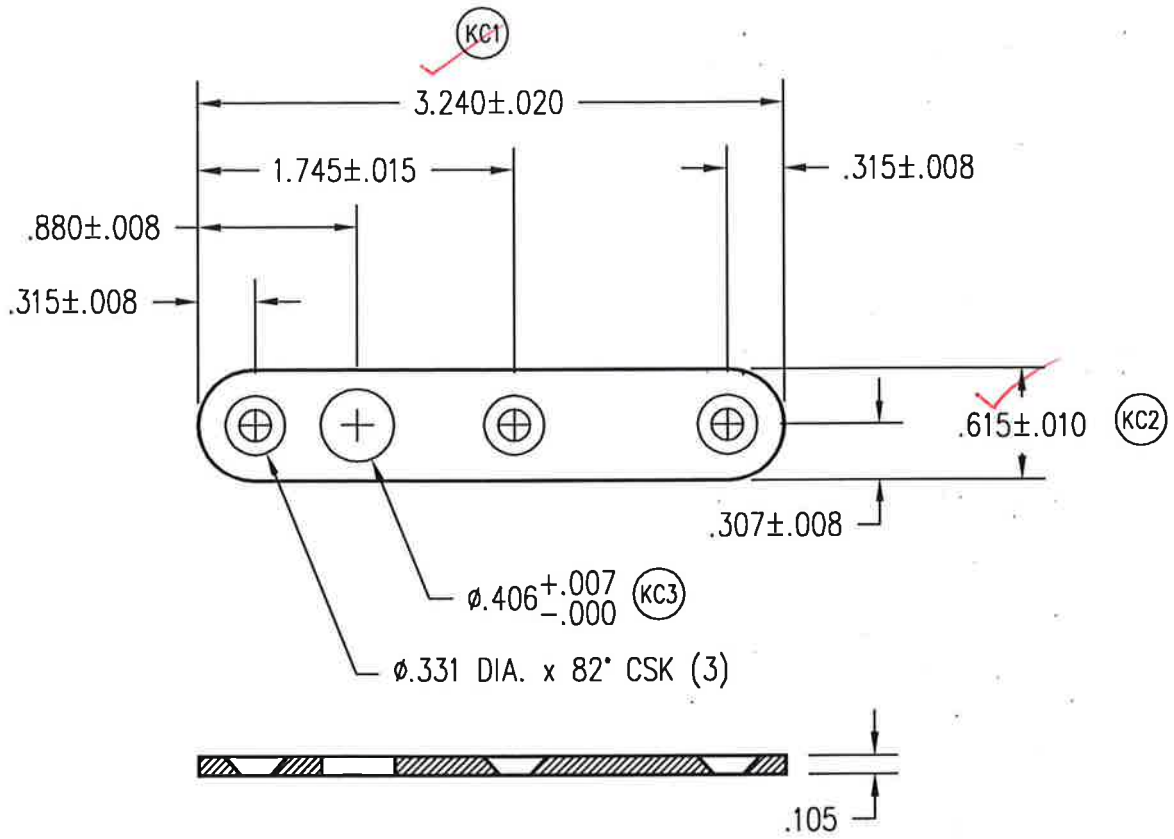
TITLE:
CORNER KEY, NYLON, WITH HOLES
PART

SPECIFICATIONS:

SCALE: 4x
SHEET: 1 OF 1

DRAWING NUMBER: 0106061.ipt
0106061

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°.



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GR

TITLE: HEAD & SILL ROD GUIDE FOR TYPE I & II DOORS S.S.

FINISH:

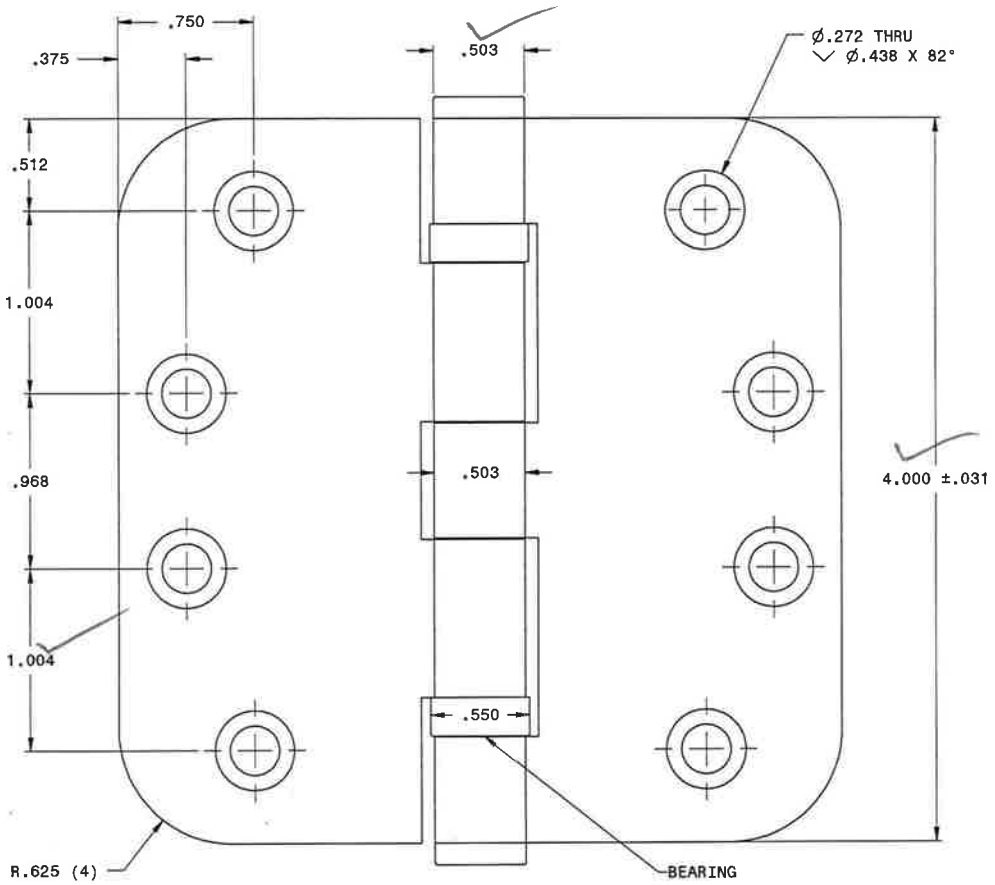
MATL: STAINLESS STEEL

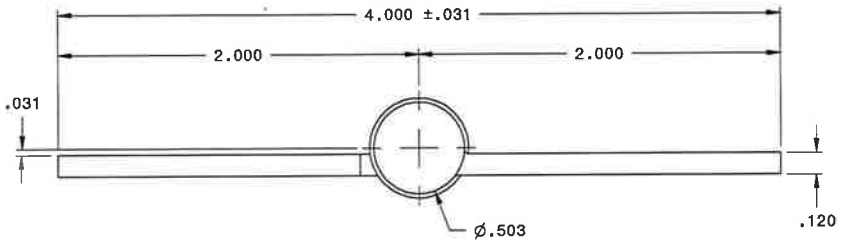
NO	DESCRIPTION	DFT	DOC	DATE
02	.615 WAS .734	AWW	1059	11/30/06
01	CHANGED THICKNESS TO .105	MJP	0378	5/10/99

DFT: AW
DCN: 0378
DATE: 2/5/1999

SCALE: 1=1
DRWG: A39Y
A 01 OF 01

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# EC415

Date 8/25/15 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
1.500-1.900	±.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® WINDOWS & DOORS an Andersen Company

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

DRAWN BY: SCT DATE: 10/21/2011
CHECKED BY: DATE:
ENGINEER: DATE:

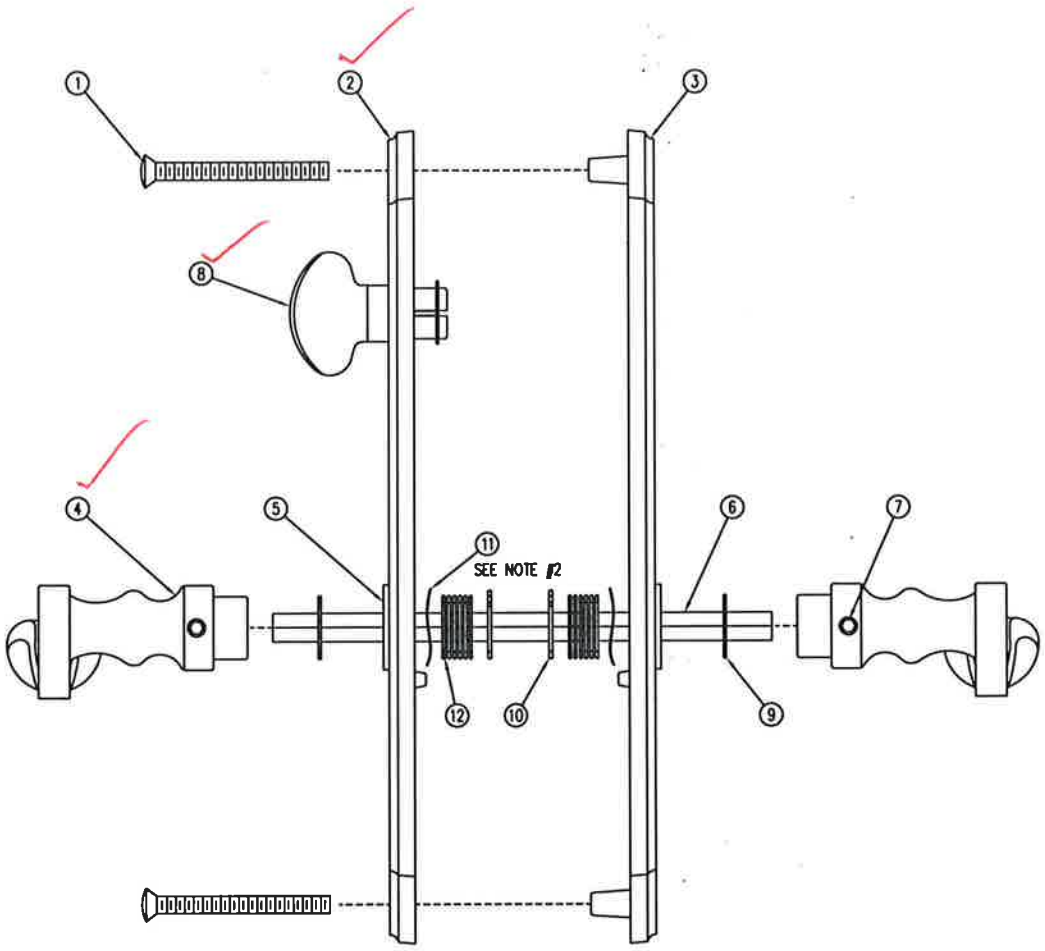
TITLE: HINGE ASSY, 4" X 4" EXTRUDED COMMERCIAL

SPECIFICATIONS:

SCALE:
SHEET: 1 OF 1

DRAWING NUMBER: 0107557.IAM
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. 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	PLASTIC WASHER	2
10	SNAP RING	2
11	WAVY WASHER	2
12	BUSHINGS	AS REQUIRED

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GL

TITLE: PASSIVE DOOR HANDLE SET
5046 PURE PANEL

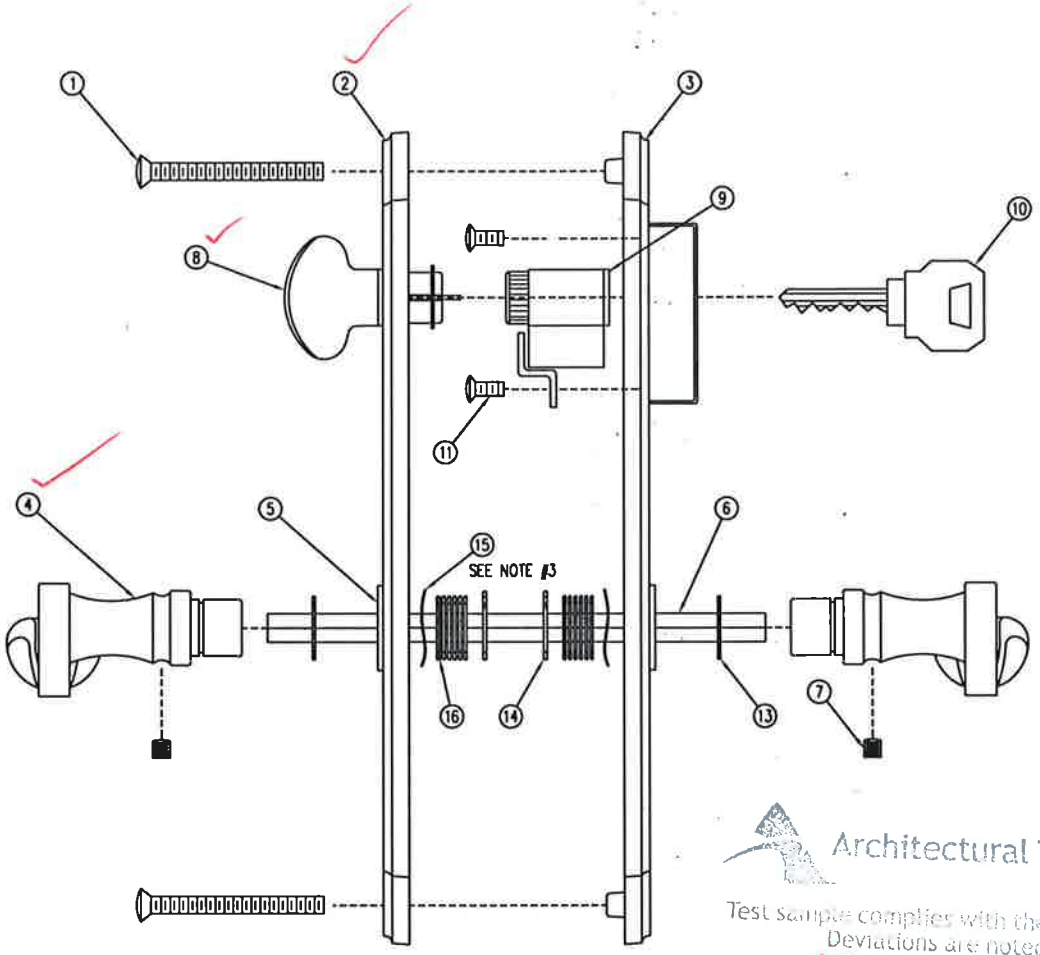
FINISH:

MATL:

BC NO	DESCRIPTION	KJS DFT	21682 DOC	6/1/12 DATE
	UPDATED TITLE			

DFT: MJP SCALE: 1=2
DCN: 0315 DRWG: A396
DATE: 11/7/1998 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'.
2. DO NOTE 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.



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

Report# EG415
Date 8/25/15 Tech GR

NO.	PART DESCRIPTION	QUANITY
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" PFHMS	3
12	CARE INSTRUCTIONS (SEE NOTE #2)	1
13	PLASTIC WASHER	2
14	SNAP RING	2
15	WAVY WASHER	2
16	BUSHINGS	AS REQUIRED

TITLE: ACTIVE DOOR HANDLE SET
5092 PURE PANEL

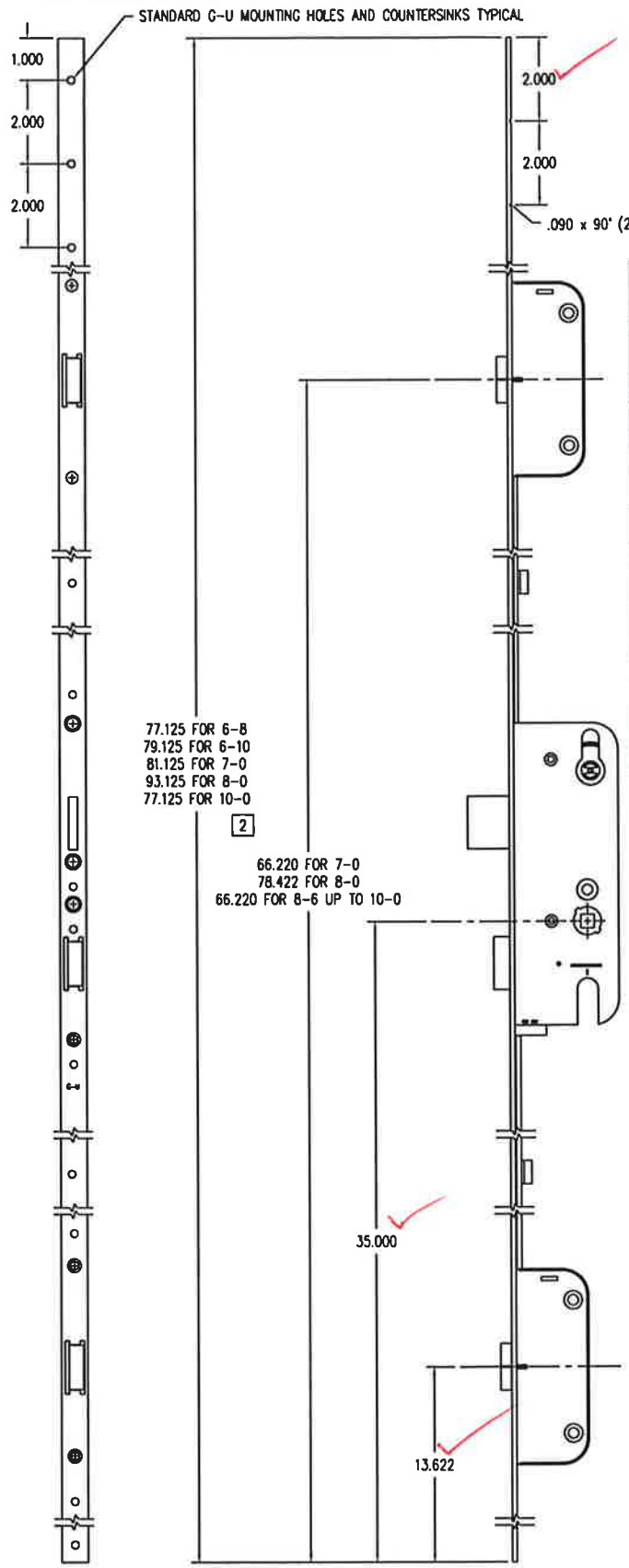
FINISH:

MATL:

NO	DESCRIPTION	DFT	DOC	DATE
BD	UPDATE TITLE	KJS	21682	6/1/12

DFT: MJP SCALE: 1=2
DCN: 0315 DRWG: A395
DATE: 11/7/1998 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°.



"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 - 79.125	77 3/16 - 79 3/16
		REMOVE 1-2 TABS			
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 - 81.125	79 3/16 - 81 3/16
		REMOVE 0-1 TABS			
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 - 90 3/16
		ALWAYS REMOVE 1 TAB			
	A38M	12" EXT.	GU1019	2-11	
Equal To 7-9 & less than 8-0		Cut Gear Down To		90.125 - 93.125	90 3/16 - 93 3/16
	A38E	8-0 EAGLE GEAR	GU1001	93.125	
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 - 99 3/16
	A38M	12" EXT.	GU1019	0-6	
Greater than 8-6 & equal to 9-8	A38E	7-0 EAGLE GEAR	GU1000	77.125	99 3/16 - 105 3/16
		ALWAYS REMOVE 2 TABS			
	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 - 117 3/16
		ALWAYS REMOVE 2 TABS			
	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	

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 Tech GR

TITLE: G-U - EAGLE LOCK SYSTEM

FINISH: STAINLESS STEEL

MATL:

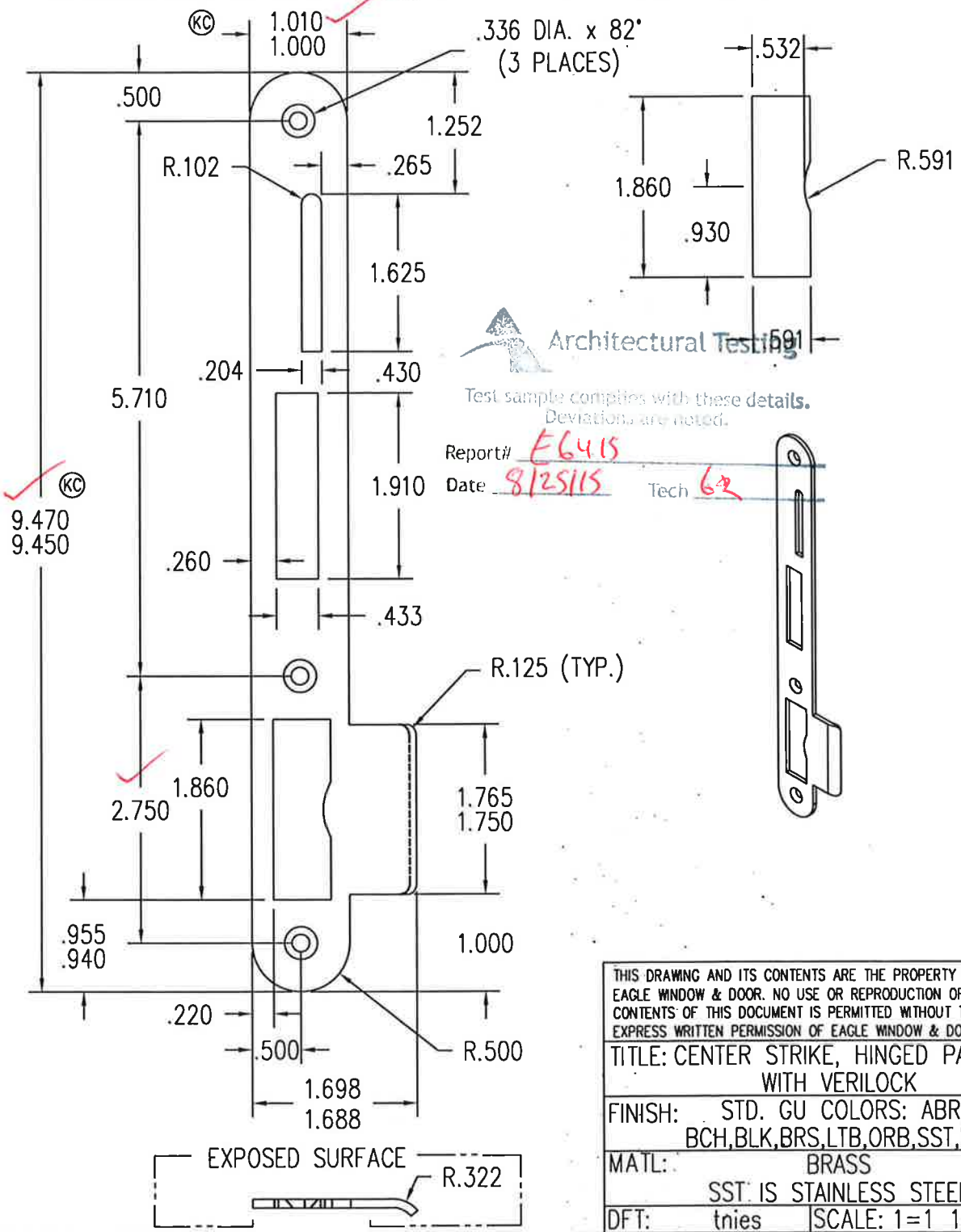
DFT: MJP SCALE: 1=4

DCN: 0315 DRWG: A38E

DATE: 1/16/1993 C 01 OF 01

BF NO	DESCRIPTION	DFT	DOC	DATE
	REMOVED MANUAL (HAWK) CHART	KJS	22963	6/28/13

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



Architectural Testing
Test sample complies with these details.
Deviations are noted.
Report# E6415
Date 8/25/15 Tech 62

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

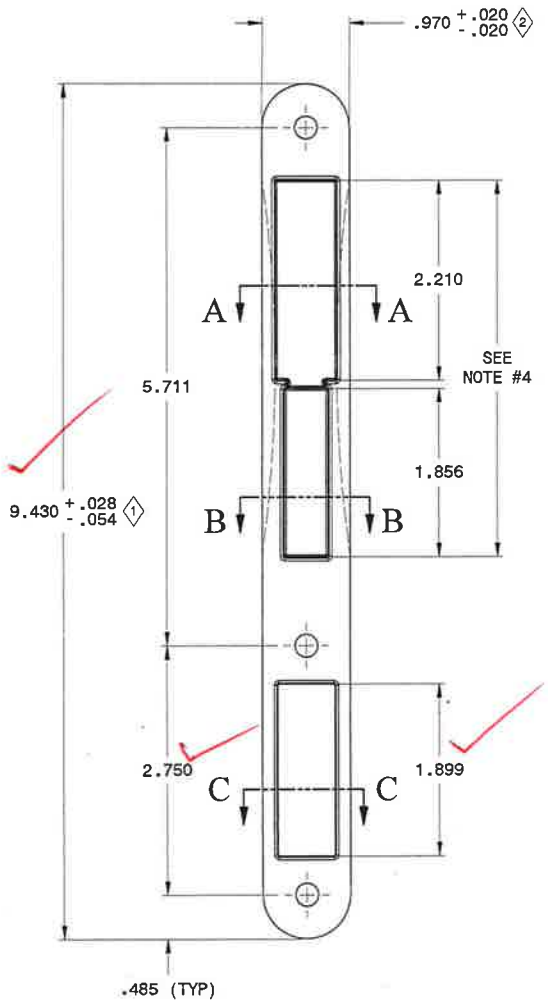
DFT: tnies | SCALE: 1=1 1/2

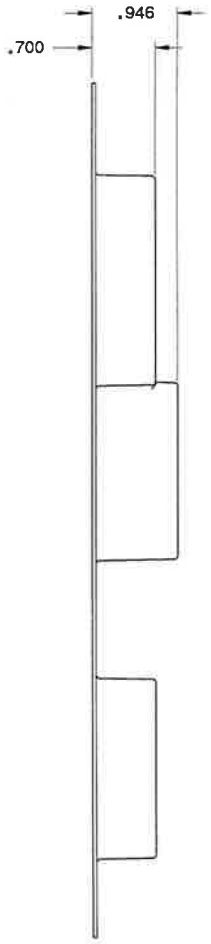
DCN: 1208 | DRWG: A79X

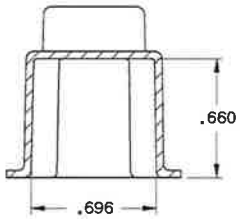
DATE: 6/16/2009 | A 01 OF 01

NO	DESCRIPTION	DFT	DOC	DATE
BB	UPDATE TITLE & ADDED NOTE 3	KJS	21682	6/13/12

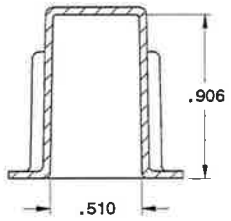
REVISIONS					
REV	PO/PLM	DESCRIPTION	DATE	ENG	DRFT
BC-00	21949	UPDATE DIMENSIONS	7/31/2012		KJS



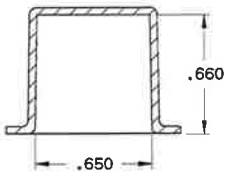




SECTION A-A



SECTION B-B



SECTION C-C

Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# E6415

Date 8/25/15 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°

Eagle® WINDOWS & DOORS an Andersen Company

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	DATE:
DECIMALS: ±	KJS	9/30/2011
ANGLES: ±	CHECKED BY:	DATE:
	ENGINEER:	DATE:

TITLE: DUST CUP, VERILOCK CENTER STRIKE

SPECIFICATIONS: C0017

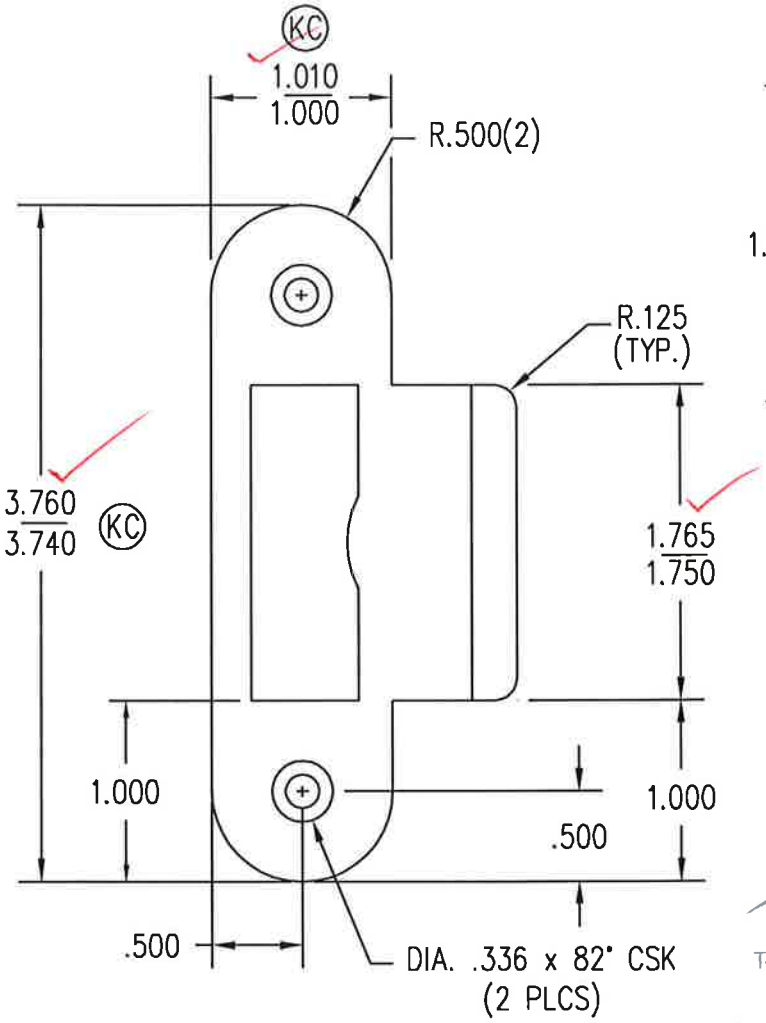
SCALE: 1x

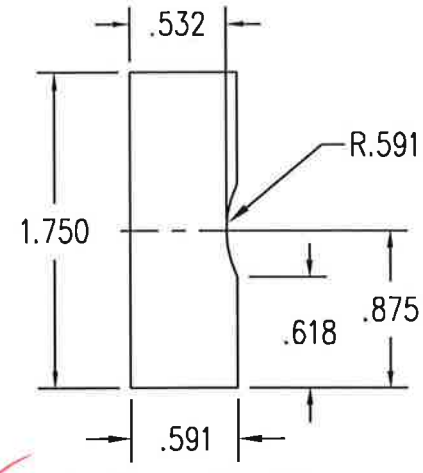
SHEET: 1 OF 1

DRAWING NUMBER: 0105220.IPT

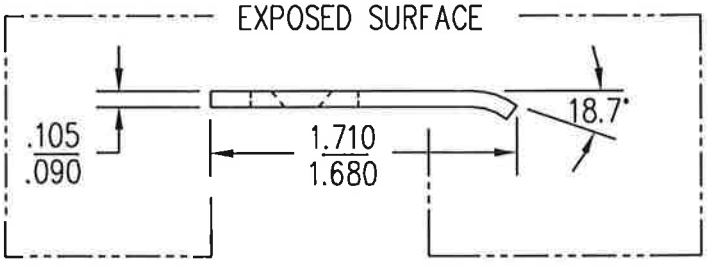
0105220

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. WHEN POWDER COATING, BOTH SIDES MUST BE FULLY COVERED.
POWDER COATING (CLEAR OR COLORED) MAY AFFECT OVERALL DIMENSIONS.





DETAIL OF CUTOUT

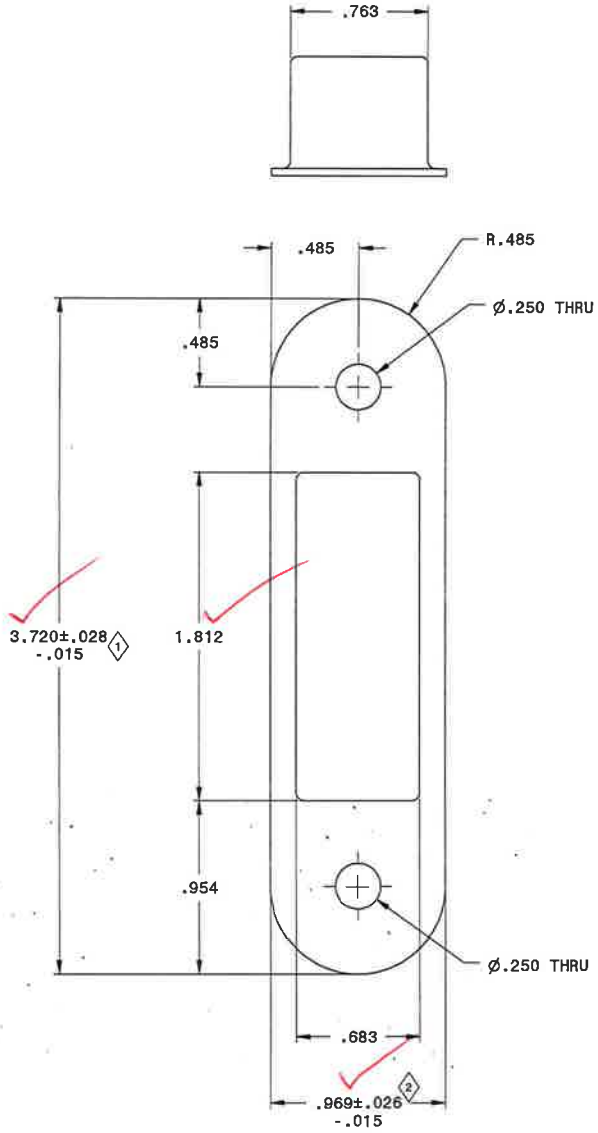


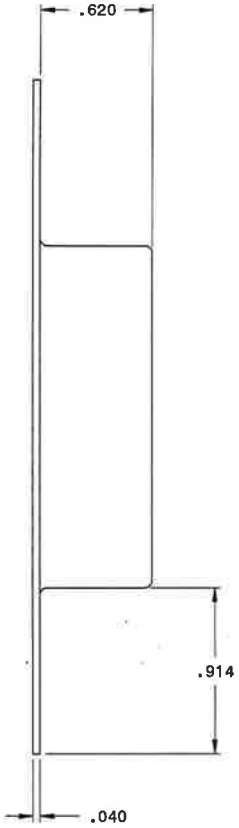
Architectural Testing
Test sample complies with these details.
Deviations are noted.
Report# E6415
Date 4/25/15 Tech GR

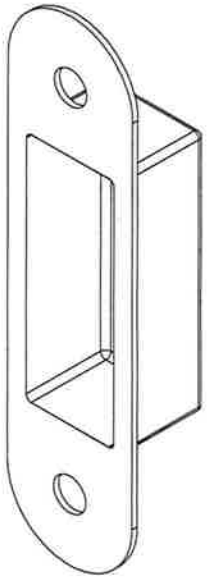
TITLE:	LATCH STRIKE TOP AND BOTTOM
FINISH:	STD. GU COLORS: ABR, BCH,BLK,BRS,LTB,ORB,SST,WHT
MATL:	BRASS SST IS STAINLESS STEEL
DFT: MJP	SCALE: 1=1
DCN: 0597	DRWG: A517
DATE: 11/29/00	A 01 OF 01

NO	DESCRIPTION	DFT	DOC	DATE
01	REV. DIM TOL. BEFORE RELEASED	REL	0597	8/15/02

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# E6415

Date 8/25/15 Tech 62

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

Eagle® WINDOWS & DOORS an Andersen Company

PERMISSIBLE TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY: KJS	DATE: 1/16/2012
DECIMALS: ±.005	CHECKED BY:	DATE:
ANGLES: ±1°	ENGINEER:	DATE:

TITLE: DUST CUP, STRIKE PLATE

SPECIFICATIONS:

SCALE: 2x

SHEET: 1 OF 1

DRAWING NUMBER: 0107845.ipt

A47A