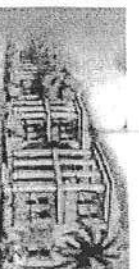


FLORIDA DEPARTMENT OF Business & Professional Regulation

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 SECRETARY

FL #
 Application Type
 Code Version
 Application Status
 Comments
 Archived

Product Manufacturer
 Address/Phone/Email

Authorized Signature

Technical Representative
 Address/Phone/Email

FL12119-R1
 Revision
 2010
 Approved



Simonton Windows
 1 Cochrane Ave
 Pennsboro, WV 26415
 (800) 746-6687 Ext 2329
 tiffany_davies@simonton.com

Tiffany Davies
 tiffany_davies@simonton.com

Tiffany Davies
 PO Box 1646
 5300 Briscoe Road
 Parkersburg, WV 26102
 (800) 542-9118 Ext 9329
 tiffany_davies@simonton.com

Quality Assurance Representative Address/Phone/Email	AAMA 1827 Walden Office Square Suite 550 Schaumburg, IL 60173 (847) 303-5664 webmaster@aamanet.org
Category Subcategory	Windows Mullions
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input checked="" type="checkbox"/> Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report Florida License Quality Assurance Entity Quality Assurance Contract Expiration Date Validated By	Lucas Andrew Turner PE-58201 Architectural Testing, Inc. 12/31/2014 Shawn G. Collins, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received
Certificate of Independence	FL12119_R1_COI_EvalReport-RM0051-HVHZ.pdf
Referenced Standard and Year (of Standard)	
Equivalence of Product Standards Certified By	
Sections from the Code	1715.5.5

Product Approval Method

Method 2 Option B

Date Submitted

02/21/2012

Date Validated

03/27/2012

Date Pending FBC Approval

04/11/2012

Date Approved

06/11/2012

Summary of Products

FL #	Model, Number or Name	Description
12119.1	07-09 StormBreaker Plus 300VL (for HVHZ)	Large Reinforced Impact Resistant Mullion
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Design pressure rating varies by unit size. Missile Impact Rating: Large		
12119.2	07-09 StormBreaker Plus 300VL (for HVHZ)	Medium Reinforced Impact Resistant Mullion
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Design pressure rating varies by unit size. Missile Impact Rating: Large		
12119.3	07-09 StormBreaker Plus 300VL (Outside HVHZ)	Large Reinforced Impact Resistant Mullion
Limits of Use Approved for use in HVHZ: No		Installation Instructions FL12119_R1_II_RM0051-NonHVHZ.pdf

Approved for use outside HVHZ: Yes		Verified By: Lucas Andrew Turner, P.E. 58202
Impact Resistant: Yes		Created by Independent Third Party: Yes
Design Pressure: N/A		Evaluation Reports
Other: Design pressure rating varies by unit size.		FLI2119 R1 AE EvalReport-RM0051-NonHVHZ.pdf
Missile Impact Rating: Large		Created by Independent Third Party: Yes
12119.4	07-09 StormBreaker Plus 300VL (Outside HVHZ)	Medium Reinforced Impact Resistant Mullion
Limits of Use		Installation Instructions
Approved for use in HVHZ: No		FLI2119 R1 II RM0052-NonHVHZ.pdf
Approved for use outside HVHZ: Yes		Verified By: Lucas Andrew Turner, P.E. 58201
Impact Resistant: Yes		Created by Independent Third Party: Yes
Design Pressure: N/A		Evaluation Reports
Other: Design pressure rating varies by unit size.		FLI2119 R1 AE EvalReport-RM0052-NonHVHZ.pdf
Missile Impact Rating: Large		Created by Independent Third Party: Yes

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Contact Us :: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:

SIMONTON
1 COCHRANE AVE., PENNSBORO, WV 26415 PH.
800-426-2249

**STORMBREAKER PLUS 300VL SERIES
MULLIONS WITH LARGE ALUMINUM
REINFORCEMENT - NON-HVHZ
FOR IMPACT RESISTANT ASSEMBLIES**

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2010 FLORIDA BUILDING CODE REQUIREMENTS EXCLUDING HVHZ.
2. THIS MULLION IS ONLY VALID WHEN USED IN CONJUNCTION WITH APPLICABLE WINDOW SYSTEMS.
3. ALL WINDOWS USED WITH THIS MULLION SHALL BE QUALIFIED UNDER SEPARATE APPROVAL. ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE FLORIDA BUILDING CODE REQUIREMENTS.
4. ADEQUACY OF EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND STEEL STUD FRAMING AS A MAIN WIN FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT INSTALLATION.
5. 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT INSTALLATION.
6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
7. THIS MULLION SYSTEM IS SUITABLE FOR ASSEMBLY OF IMPACT RESISTANT PRODUCTS AND DOES NOT REQUIRE AN EXTERNAL IMPACT PROTECTIVE DEVICE IN WINDBORNE DEBRIS REGIONS.

#10 X 1 1/8" SELF
TAPPING SCREWS SPACED
PER APPLICABLE WINDOW
PRODUCT APPROVAL

#10 X 1 1/8" SELF
TAPPING SCREWS SPACED
PER APPLICABLE WINDOW
PRODUCT APPROVAL

#2 MULLION
REINFORCEMENT

DOUBLE HUNG HORIZONTAL CROSS SECTION

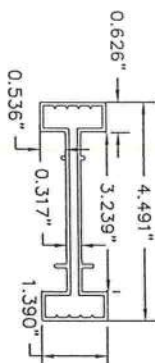
#10 X 1 1/8" SELF
TAPPING SCREWS SPACED
PER APPLICABLE WINDOW
PRODUCT APPROVAL

#10 X 1 1/8" SELF
TAPPING SCREWS SPACED
PER APPLICABLE WINDOW
PRODUCT APPROVAL

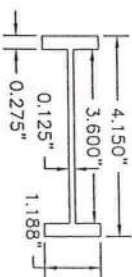
#2 MULLION REINFORCEMENT

PICTURE (FIXED) HORIZONTAL CROSS SECTION

① LARGE VINYL MULLION COVER #VP1 - 354
EXTRUDED VINYL .070" MIN.



② LARGE MULLION REINFORCEMENT #16991
ALUMINUM 6063-T6



PARTS LIST			
NUMBER	DESCRIPTION	PART NO	MATERIAL
1	MEDIUM MULLION COVER	VP1-354	PVC
2	MEDIUM MULLION REINFORCEMENT	16991	6063-T6
3	BASE PLATE		STEEL
4	MULLION L-BRACKET		STAINLESS STEEL

TABLE OF CONTENTS	
PAGE NO	DESCRIPTION
1	GENERAL NOTES, PARTS LIST AND CROSS SECTIONS
2	ELEVATION AND DESIGN PRESSURE CHARTS
3	MULLION DETAILS & SILL CROSS SECTIONS

Lucas Turner
2012-03-17 23:07:04:00



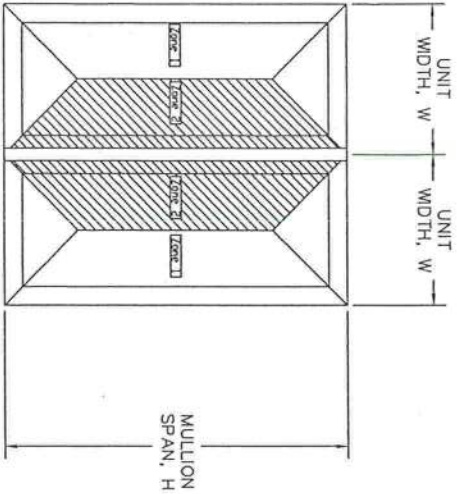
LUCAS A. TURNER, P.E. TURNER ENGINEERING & CONSULTING, INC. 1 COCHRANE AVE., PENNSBORO, WV 26415 FBIPE C.O.A. #25779, Ph. 341-380-1366 2080 MAUVE TER., NORTH PORT, FL 34286		3/17/2012		SCALE: 1" = 1'-0"	
PROJECT: STORMBREAKER PLUS 300VL MULLION		SHEET: 1 of 3		APPROVED BY: C.P.	
TITLE: GENERAL NOTES & CROSS SECTIONS		DATE: 01-24-12		CHECKED BY: DATE: 01-24-12	

REV.	REVISIONS:	REVISION BY:	DATE:
1	UPDATED DRAWINGS TO 2010 FBIC	C.P.	01-24-12



1 COCHRANE AVE. PENNSBORO, WV 26415 PH.
800-426-2249

**STORMBREAKER PLUS 300VL SERIES
MULLIONS WITH LARGE ALUMINUM
REINFORCEMENT - NON-HVHZ
FOR IMPACT RESISTANT ASSEMBLIES**



NOTE:
The pressure charts show the design pressures for the selected mullion span and panel width for achieving bending capacity, deflection and concentrated load limits specified in the Florida Building Code, 2010 edition.

Adhere to fastening instructions provided in this document to achieve the tabulated design pressures.

DIRECTIONS:
Select the module width and mullion span from the chart to determine the allowable design pressure for the product. When panel sizes are not equal on both sides of the mullion, use the larger of the panel widths from the chart.

MULL SPAN, H (in)	INDIVIDUAL UNIT WIDTH, W (in)			
	0.0000	30.0000	33.0000	36.0000
0.0000	30.0000	33.0000	36.0000	36.0000
26.0000	50.0	50.0	50.0	50.0
36.0000	50.0	50.0	50.0	50.0
42.0000	50.0	50.0	50.0	50.0
52.0000	50.0	50.0	50.0	50.0
60.0000	50.0	50.0	50.0	50.0
65.0000	50.0	50.0	50.0	50.0
74.0000	50.0	50.0	50.0	50.0

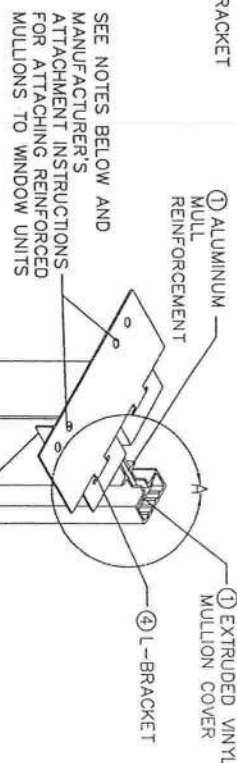
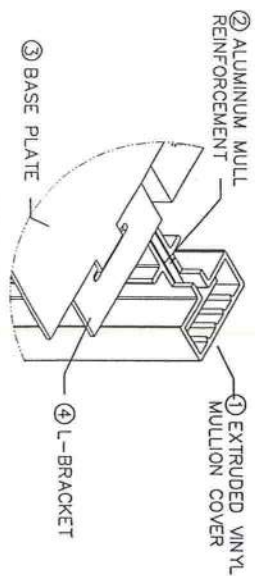
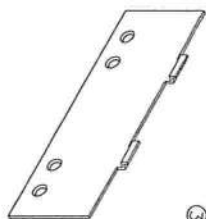
DESIGN PRESSURE CHART FOR MULLING
DOUBLE HUNG WINDOWS, UNITS IN PSF, MULLION #16991

MULL SPAN, H (in)	INDIVIDUAL UNIT WIDTH, W (in)				
	0.0000	30.0000	33.0000	37.0000	40.0000
0.0000	30.0000	33.0000	37.0000	40.0000	53.0000
26.0000	50.0	50.0	50.0	50.0	50.0
36.0000	50.0	50.0	50.0	50.0	50.0
42.0000	50.0	50.0	50.0	50.0	50.0
52.0000	50.0	50.0	50.0	50.0	50.0
60.0000	50.0	50.0	50.0	50.0	50.0
65.0000	50.0	50.0	50.0	50.0	50.0
71.0000	50.0	50.0	50.0	50.0	48.8
76.0000	50.0	50.0	50.0	50.0	43.8
84.0000	50.0	50.0	47.3	44.8	37.7

DESIGN PRESSURE CHART FOR MULLING
FIXED WINDOWS, UNITS IN PSF, MULLION #16991

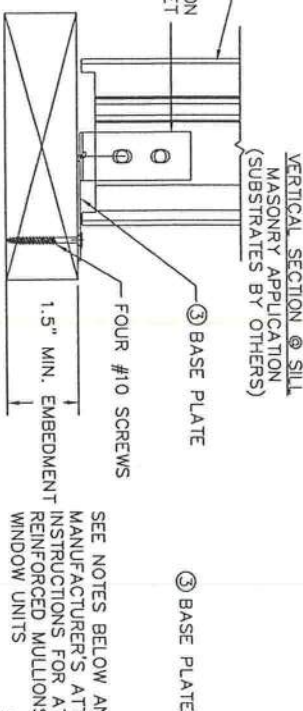
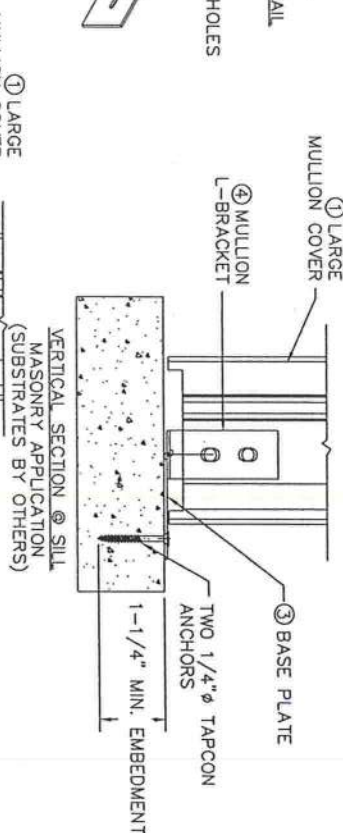
REV	REVISIONS	REMOVED BY	DATE
#			
	UPDATED DRAWINGS TO 2010 FBC	C.P.	01-24-12

3/17/2012		LUCAS A. TURNER, P.E.		FL PE #39201	
1 Cochran Avenue		Pennington, WV 26415		TURNER ENGINEERING & CONSULTING, INC.	
2 of 3		3		RPO #25779	
3		4		RPO #25779	
4		5		RPO #25779	
5		6		RPO #25779	
6		7		RPO #25779	
7		8		RPO #25779	
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96		97		RPO #25779	
97		98		RPO #25779	
98		99		RPO #25779	
99		100		RPO #25779	



REV. #	REVISIONS:	REVISED BY	DATE
3.	UPDATED DRAWINGS TO 2010 FIG	C.P.	01-24-12
*		*	
*		*	
*		*	
*		*	

INSTALLATION ON CONCRETE/MASONRY
Two (2) 1/4" ITW Tapcon Screws for each base plate with min. 1-1/4" embedment. Install Tapcon anchors at the outermost holes of the base plate with tapcon concrete edge distance greater than 2.00".

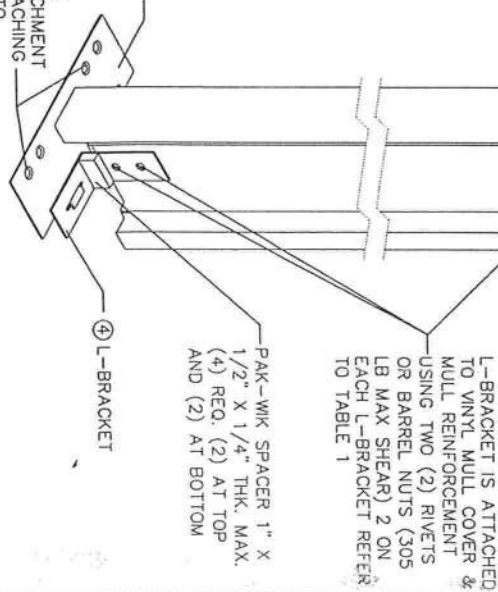


RIVET	.25 DIA. STEEL RIVET WITH A GRIP LENGTH OF .50 MAX.
BARREL NUT	#10-24 OR #10-32 STAINLESS STEEL BARREL NUT, .250 O.D. X .25" LG WITH .125 MIN ENGAGEMENT



SEE NOTES BELOW AND
MANUFACTURER'S ATTACHMENT
INSTRUCTIONS FOR ATTACHING
REINFORCED MULLIONS TO
WINDOW UNITS

ASSEMBLED MULL AND ATTACHMENT VIEW



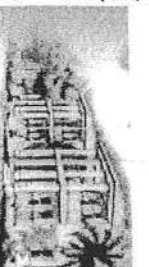
 SIMON TON 1 Cedarlane Avenue Parsippany, NJ 07654		SHEET: 3 of 3 APPROVED BY: DATE: 12/12/06 C.S.	SUBMITTANT NO.: 3 DRAWING NO.: 3 DATE: 12/19/06 C.S.
SCALE: 1" = 10'		CHECKED BY: DATE: 12/12/06 C.S.	DATE: 12/19/06 C.S.
3/17/2012 LUCAS A. TURNER, P.E., PL. #A92801 TURNER ENGINEERING & CONSULTING, INC. P.O. BOX 4237779 PH. 941-350-1574 2080 MAIVE TER., NORTH PORT, FL 34286		REVISIONS: 1 STORMDRAINER PLUS 300A, MILLION	MILLION DETAILS AND SILL CROSS SECTIONS

FLORIDA DEPARTMENT OF
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2 PNL
3 PNL

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FL #
Application Type
Code Version
Application Status

Comments
Archived

Product Manufacturer
Address/Phone/Email

Authorized Signature

Technical Representative
Address/Phone/Email



FL5179-R8
Revision
2010
Approved
*Approved by DCA. Approvals by DCA shall be reviewed and ratified by the POC and/or the Commission if necessary.

Simonton Windows

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Tiffany Davies
PO Box 1646
5300 Britscoe Road
Parkersburg, WV 26102

Quality Assurance Representative Address/Phone/Email	(800) 542-9118 Ext 9329 tiffany_davies@simonton.com
Category Subcategory	AAMA 1827 Walden Office Square Suite 550 Schaumburg, IL 60173 (847) 303-5664 webmaster@aamanet.org
Compliance Method	Windows Horizontal Slider
Certification Agency Validated By	Certification Mark or Listing American Architectural Manufacturers Association American Architectural Manufacturers Association
Referenced Standard and Year (of Standard)	Standard AAMA/WDMA/CSA 101/I.S.2/A440 Year 2005
Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A

Date Submitted 01/18/2012
 Date Validated 03/13/2012
 Date Pending FBC Approval
 Date Approved 03/20/2012

Summary of Products		
FL #	Model, Number or Name	Description
5179.1	07-09, 07-10 and 07-20	Reflections 5500, Prism Platinum, Generations, Impressions 9800, Sears 9300, Aircraft Grand Estates Premium Plus, Grandura Vinyl 2-Lite Horizontal Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 78x63 (+/-25 PSF), 73x51 (+/-50 PSF), 63x48 (+/-55 PSF)		Certification Agency Certificate FL5179 R8 C CAC 07-09 HS 63x48 R55.pdf FL5179 R8 C CAC 07-09 HS 73x51 R50.pdf FL5179 R8 C CAC 07-09 HS 78x63 R25.pdf FL5179 R8 C CAC 07-10 07-20 to 07-09 Waiver.pdf Quality Assurance Contract Expiration Date 07/30/2013 Installation Instructions FL5179 R8 II IN0137 07-09 07-10 07-20 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.2	07-09, 07-10 and 07-20	Reflections 5500, Prism Platinum, Generations, Impressions 9800, Sears 9300, Aircraft Grand Estates Premium Plus, Grandura Vinyl 3-Lite Endvent Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 136x63 & 136x60 (+/-25 PSF), 148x48 & 84x63 (+/-30 PSF), 105x51 & 100x48 (+/-45 PSF), 84x48 (+/-55 PSF)		Certification Agency Certificate FL5179 R8 C CAC 07-09 EV 100x48 R45.pdf FL5179 R8 C CAC 07-09 EV 136x60 R25.pdf FL5179 R8 C CAC 07-09 EV 136x63 R25.pdf FL5179 R8 C CAC 07-09 EV 148x48 R30.pdf FL5179 R8 C CAC 07-09 EV 84x48 R55.pdf FL5179 R8 C CAC 07-09 EV 84x63 R30.pdf FL5179 R8 C CAC 07-09 HS 105x51 R45.pdf FL5179 R8 C CAC 07-10 07-20 to 07-09 Waiver.pdf Quality Assurance Contract Expiration Date

		10/12/2013 Installation Instructions FL5179 R8 II IN0227 07-09 07-10 07-20 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
5179.3	07-20 (Nailing Fin Installation)	Reflections 5500, Prism Platinum, Generations, Impressions 9800, Sears 9300, Aircraft Grand Estates Premium Plus, Grandura Vinyl 2-Lite Horizontal Slider Certification Agency Certificate FL5179 R8 C CAC 07-20 HS 73x62 R50.pdf Quality Assurance Contract Expiration Date 07/27/2014 Installation Instructions FL5179 R8 II IN0526 07-20 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
5179.4	07-75	THD 6500 Vantage Pointe Vinyl 3-Lite Endvent Slider Certification Agency Certificate FL5179 R8 C CAC 07-75 EV 100x48 R45.pdf FL5179 R8 C CAC 07-75 EV 110x63 R40.pdf FL5179 R8 C CAC 07-75 EV 136x63 R25.pdf FL5179 R8 C CAC 07-75 EV 84x48 R55.pdf FL5179 R8 C CAC 07-75 EV 84x63 R30.pdf Quality Assurance Contract Expiration Date 01/12/2014 Installation Instructions FL5179 R8 II IN0145 07-75 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
5179.5	07-75	THD 6500 Vantage Pointe Vinyl 2-Lite Horizontal Slider	

6500
28N

6500
28N

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 78x63 (+/-25 PSF), 78x63 (+/-40 PSF), 72x48 (+/-45 PSF), 63x48 (+/-55 PSF)		Certification Agency Certificate FL5179 R8 C CAC 07-75 HS 63x48 R55.pdf FL5179 R8 C CAC 07-75 HS 72x48 R45.pdf FL5179 R8 C CAC 07-75 HS 78x63 R25.pdf FL5179 R8 C CAC 07-75 HS 78x63 R40.pdf Quality Assurance Contract Expiration Date 01/13/2014 Installation Instructions FL5179 R8 II IN0225 07-75 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 72x60 (+/-30 PSF), 72x48 (+/-40 PSF)		Profinish BrickMould 300 Vinyl 2-Lite Horizontal Slider Certification Agency Certificate FL5179 R8 C CAC 41-18 HS 72x48 R40.pdf FL5179 R8 C CAC 41-18 HS 72x60 R30.pdf Quality Assurance Contract Expiration Date 10/08/2012 Installation Instructions FL5179 R8 II IN0234 41-18 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 78x63 & 69x65 (+/-25 PSF), 72x54 (+/-30 PSF), 72x36 (+/-40 PSF), 60x54 (+/-45 PSF)		Profinish BrickMould 600 Vinyl 2-Lite Horizontal Slider Certification Agency Certificate FL5179 R8 C CAC 42-19 HS 60x52 R45.pdf FL5179 R8 C CAC 42-19 HS 69x65 R25.pdf FL5179 R8 C CAC 42-19 HS 72x36 R40.pdf FL5179 R8 C CAC 42-19 HS 72x54 R30.pdf FL5179 R8 C CAC 42-19 HS 78x63 R25.pdf Quality Assurance Contract Expiration Date 02/18/2014 Installation Instructions FL5179 R8 II IN0152 42-19 SL 2X.pdf Verified By: American Architectural Manufacturers	

		Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.8	42-19	Simonton Profinish Brickmould 600 Vinyl 3-Lite Endvent Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other: 84x36		Certification Agency Certificate FLS179 R8 C CAC 42-19 EV 84x36 R40.pdf Quality Assurance Contract Expiration Date 12/07/2014 Installation Instructions FLS179 R8 II IN0153 42-19 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.9	43-06 and 43-17	THD 6060 Vantage Point, Profinish Builder, Profinish Contractor, Profinish Master, Grand Estates New Construction Vinyl 3-Lite Endvent Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +30/-30 Other: 96x63		Certification Agency Certificate FLS179 R8 C CAC 43-06 EV 96x63 R30.pdf FLS179 R8 C CAC 43-17 to 43-06 Waiver.pdf Quality Assurance Contract Expiration Date 09/07/2014 Installation Instructions FLS179 R8 II IN0170 43-06 43-17 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.10	43-06 and 43-17	THD 6060 Vantage Pointe, Profinish Builder, Profinish Contractor, Profinish Master, Grand Estates New Construction Vinyl 2-Lite Horizontal Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes		Certification Agency Certificate FLS179 R8 C CAC 43-06 HS 72x48 R35.pdf FLS179 R8 C CAC 43-06 HS 72x63 R30.pdf

6060
3 pr

6060
2 pr

Impact Resistant: No Design Pressure: N/A Other: 72x63 (+/-30 PSF), 72x48 (+/-35 PSF)		FL5179 R8 C CAC 43-17 to 43-06 Waiver.pdf Quality Assurance Contract Expiration Date 12/10/2012 Installation Instructions FL5179 R8 II IN0142 43-06 43-17 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.11	43-17	Profinish Contractor, Amcraft Grand Estates New Construction Vinyl 2-Lite Horizontal Slider Certification Agency Certificate: FL5179 R8 C CAC 43-17 HS 72x48 R35.pdf FL5179 R8 C CAC 43-17 HS 72x63 R30.pdf Quality Assurance Contract Expiration Date 01/15/2013 Installation Instructions FL5179 R8 II IN0141 43-17 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 72x63 (+/-30 PSF), 72x48 (+/-35 PSF)		
5179.12	43-35	6100 Vantage Pointe,ASURE, Prism Gold, Grand Estates Vinyl 2-Lite Horizontal Slider Certification Agency Certificate FL5179 R8 C CAC 43-35 HS 72x36 R35.pdf FL5179 R8 C CAC 43-35 HS 72x54 R30.pdf FL5179 R8 C CAC 43-35 HS 78x63 R25.pdf FL5179 R8 C CAC 43-35 to 43-40 SL Waiver.pdf FL5179 R8 C CAC 43-40 HS 69x65 R25.pdf FL5179 R8 C CAC 43-40 HS 72x36 R40.pdf Quality Assurance Contract Expiration Date 06/16/2013 Installation Instructions FL5179 R8 II IN0139 43-35 SL 2X.pdf Verified By: American Architectural Manufacturers Association

		Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.13	43-35	6100 Vantage Pointe,ASURE, Prism Gold, Grand Estates Vinyl 3-Lite Endvent Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other:		Certification Agency Certificate .FL5179 R8 C CAC 43-35 EV 84X36 R35.pdf Quality Assurance Contract Expiration Date 01/23/2016 Installation Instructions FL5179 R8 II IN0147 43-35 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.14	43-40	Reflections 5050, Reflections 5300, Prism Bronze, Prism Ultra Gold, THD 6100 Vantage Pointe, Aircraft Grand Estates, Aircraft Grand Estates Plus Vinyl 2-Lite Horizontal Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 69x65 & 78x63 (+/-25 PSF), 72x54 (+/-30 PSF), 72x36 (+/-40 PSF)		Certification Agency Certificate FL5179 R8 C CAC 43-40 HS 69x65 R25.pdf FL5179 R8 C CAC 43-40 HS 72x36 R40.pdf FL5179 R8 C CAC 43-40 HS 72x54 R30.pdf FL5179 R8 C CAC 43-40 HS 78x63 R25.pdf Quality Assurance Contract Expiration Date 06/16/2013 Installation Instructions FL5179 R8 II IN0139 43-40 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.15	43-40	Reflections 5050, Reflections 5300, Prism Bronze, Prism Ultra Gold, THD 6100 Vantage Pointe, Aircraft Grand Estates, Aircraft Grand Estates Plus Vinyl 3-Lite Endvent Slider

6500 SPNL

MODEL DESIGNATION:

Simonton Endvent Series 07-75 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATING:

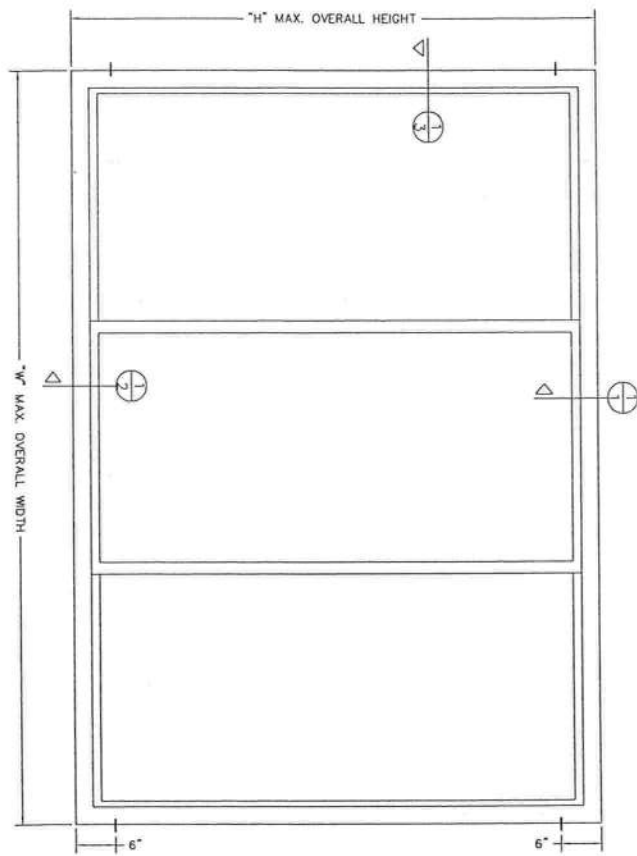
See Size Chart

USABLE CONFIGURATIONS:

XOX

GENERAL DESCRIPTION:

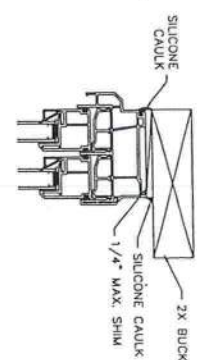
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



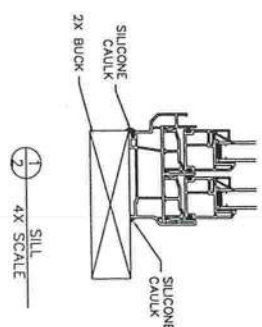
SIZE CHART		DP RATING
OVERALL SIZE	WIDTH HEIGHT	
136"	63"	±25 PSF
84"	63"	±30 PSF
110"	63"	±40 PSF
100"	48"	±45 PSF
84"	48"	±55 PSF

NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

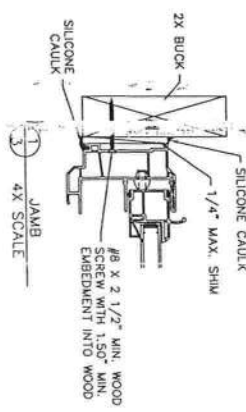
REV.	DESCRIPTION	DATE
1	INITIAL DESIGN	06/12/08
2	REVISIONS AND SERIES PER TEST	10.0.
3	REVISIONS AND GENERAL DESCRIPTION	02/01/11
4	UPDATE NOTES PER TESTING	10.0.
5	UPDATE SIZES PER TESTING	05/24/11
6	ADDED 6" ALUM. DETAILS	06/09/11
7	REMOVED GLAZING DETAILS AND ADDED NOTE	10.0.
8		01/09/12



HEAD
4X SCALE



SILL
4X SCALE



JAMB
4X SCALE

- NOTES:**
- This installation has been evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H/V/HZ. Interior caulking is optional unless noted otherwise.
 - All exterior perimeter surfaces of the window must be caulked. Anchor embayment to base material shall be beyond wall dressing or stucco and into wood.
 - The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 - Shims are optional. Max. shim stock is 1/4".
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 - When used in areas requiring impact protection this product REQUIRES the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
 - Installation screws must be at least 3/4" from the edge of the wood.
 - This product complies with ASTM E 1300-04.

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FILE: IN0145

FINISH FINISH		VOLUME
ALLOY & TREATMENT	FINISH	
6061-T6	ANODIZED	
6061-T6	ANODIZED	
6061-T6	ANODIZED	

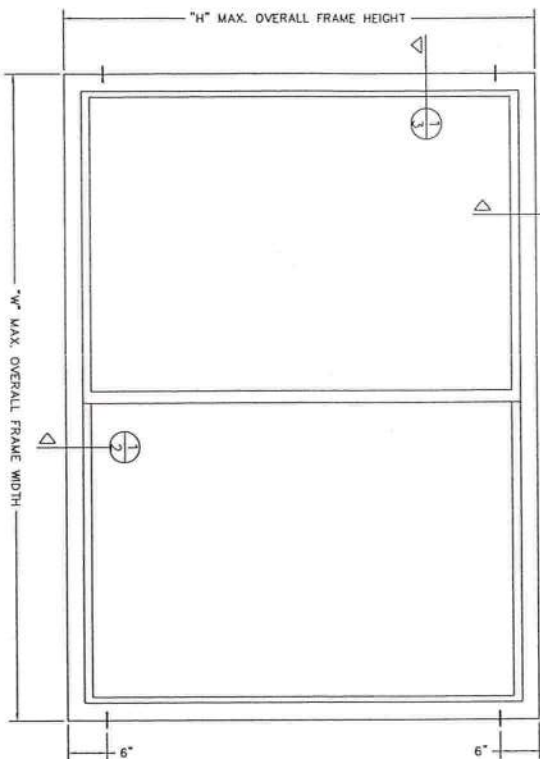
DIMENSIONAL TOLERANCES	
UNLESS OTHERWISE SPECIFIED	
Decimals	Angles
XXX ± .01	0° 30 min
XXX ± .005	

SIMONTON
1 Cochran Avenue
Petersburg, WV 26415

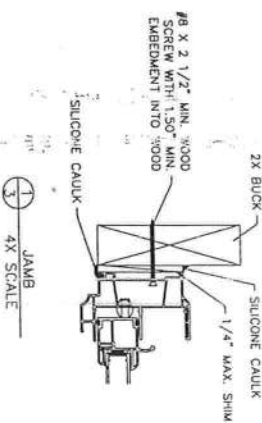
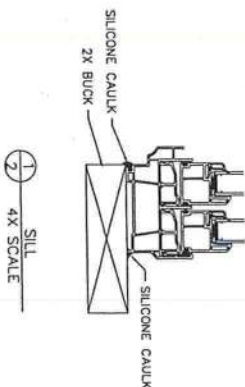
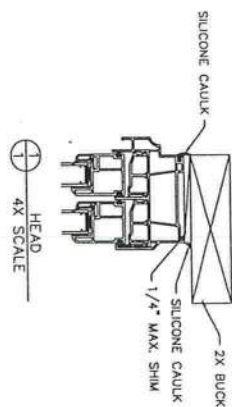
DATE: 07/24/07
CHECKED BY: DATE
APPROVED BY: DATE

07-75 ENDVENT SLIDER
2X BUCK INSTALLATION

6500 ZPNC



SIZE CHART		
OVERALL SIZE		DP RATING
WIDTH "W"	HEIGHT "H"	
78"	63"	±25 PSF
76"	63"	±40 PSF
72"	48"	±45 PSF
63"	48"	±55 PSF



- NOTES:**
1. This installation has been evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
 2. All exterior perimeter surfaces of the window must be caulked. Interior finishing is optional unless noted otherwise.
 3. Anchors shall be specified and spaced as shown. Anchor embedment into host material shall be per code and wall dressing or stucco and into wood.
 4. The responsibility for selection of simulation products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 5. Shims are optional. Maximum shim stock is 1/4".
 6. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 7. When used in areas requiring impact protection, this product **REQUIRES** the use of approved impact resistant shutters or other external protection.
 8. Finishing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
 9. Installation screws must be at least 3/4" from the edge of the wood.
 10. This product complies with ASTM E 1300-04.
- [SEE DRAWING NO. _____ FOR _____]

NO P.F.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AUMA TEST REPORTS

REV.	REVISIONS:	REVISED BY:	DATE:
1	UPDATED NOTES AND GENERAL DESCRIPTION	T.D.O.	02/01/11
3	ADDED FLASHING NOTE.	T.D.O.	06/07/11
4	ADDED FLASHING NOTE.	T.D.O.	06/24/11
5	UPDATE: SIZES PER TESTING.	T.D.O.	06/24/11
6	ADDED C.C. Sizing DETAILS.	T.D.O.	07/09/12
7	ADDED NOTE 10.	T.D.O.	07/09/12

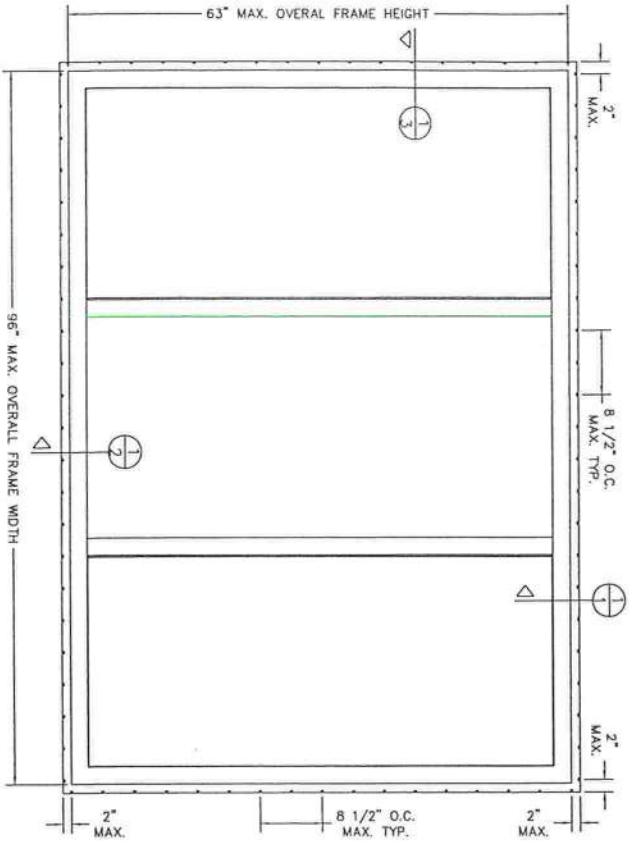
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MATERIAL:		SIMANTON [®]		B. IN0225		7	
ROD FINISH:		1 1/2 3 5 8 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100		DATE:			
ALLOY & TOLERANCE:		1 Cochrane Avenue Remondino, WY 20415		T.O.D.		01/29/08	
WEIGHT:		VOLUME:		CHECKED BY:		DATE:	
SURFACE AREA:		PERMETER:		APPROVED BY:		DATE:	
FINISH TREATMENT:		Decimals		ANGLES			
		.X ± .03		0° 30' min.			
		.XXX ± .005					
		SCALE: FT		SHEET: 1 of 1			
		SERIES:		07-75 HORIZONTA SLIDER			
		TITLE:		2X BUCK INSTALLATION			

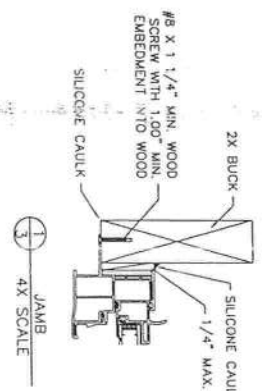
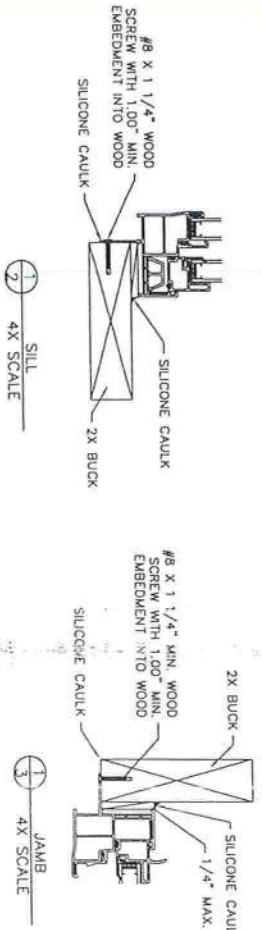
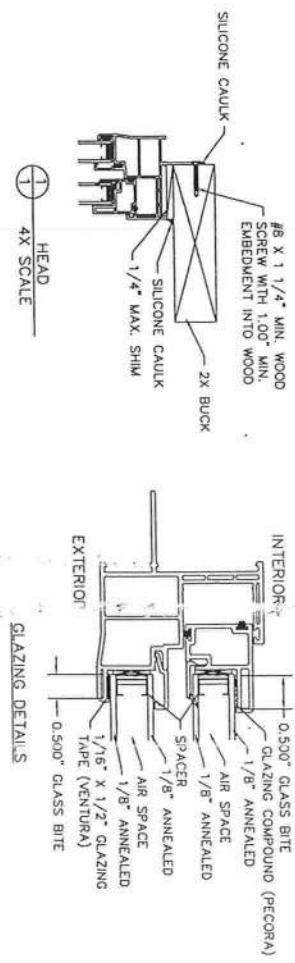
6060 3PNC

MODEL DESIGNATION: Simonon Horizontal Slider Series 43-06 / 43-17 Vinyl Window
MAXIMUM OVERALL NOMINAL SIZE: Single up to 96" x 63"
DESIGN PRESSURE RATING: Positive: 30.0 PSF
Negative: 30.0 PSF
USABLE CONFIGURATIONS: XOX
GENERAL DESCRIPTION: The head and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

REV.	REVISIONS	REMOVED BY	DATE
1	UPDATES SIZE CHART PER NEW TEST	T.O.D.	11/11/09
2	REPORTS SIZES & ANCHOR LOCATIONS PER NEW TESTING	T.O.D.	05/04/11
3	UPDATE SIZES PER TESTING	T.O.D.	05/24/11
4	ADDED GLAZING DETAILS	T.O.D.	06/14/11
5	ADDED FIGURE 9.	T.O.D.	06/14/11



- NOTES:
- This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
 - All exterior perimeter surfaces of the window must be caulked. Interlock caulking is optional unless noted otherwise.
 - Anchors shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall.
 - Dressing or stucco and into wood.
 - The responsibility for selection of Simonon products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 - Shims are optional. Max. shim stock is 1/4".
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 - When used in areas requiring impact protection this product REQUIRES the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 methodology appropriate for the opening into which the window is being installed.
 - This product complies with ASTM E 1300-04.

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MATERIALS		FINISH TREATMENT	
ALUMINUM FINISH	ALUMINUM FINISH	SURFACE AREA	PERIMETER
ALUMINUM FINISH	ALUMINUM FINISH	PERIMETER	PERIMETER
ALUMINUM FINISH	ALUMINUM FINISH	PERIMETER	PERIMETER

SIMONON
1 Cochrane Avenue
Tomball, TX 77455
1 of 1
DATE: 1/7/08
CHECKED BY: DATE:
APPROVED BY: DATE:
SERIES: 43-06 / 43-17 EXTERIOR SLIDER
TITLE: 2X BUCK NEW CONSTRUCTION INSTALLATION

6060 ZPL

MODEL DESIGNATION: Simonon Horizontal Slider Series 43-06 / 43-17 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

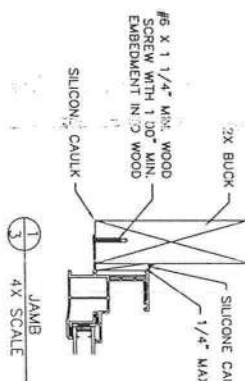
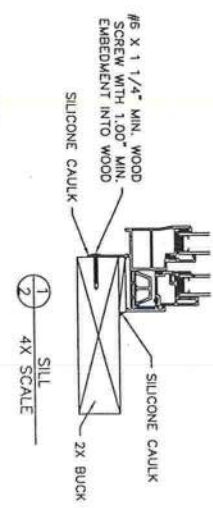
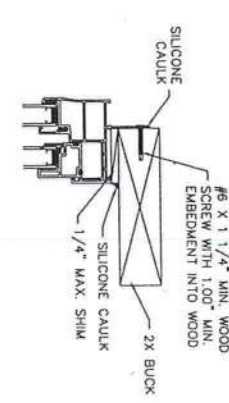
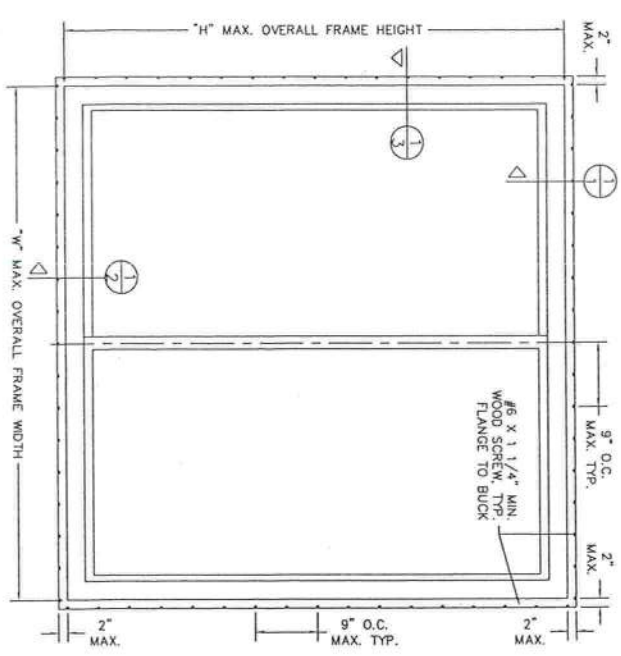
DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: OX or XO

GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

REV	REVISIONS	DATE
1	UPDATED SIZES PER NEW TEST REPORTS	T.O.D.
2	UPDATED NOTES & GENERAL DESCRIPTION	T.O.D.
3	UPDATED SIZES PER TESTING	T.O.D.
4	ADDED GLAZING DETAILS	06/09/11
5	ADDED GLAZING DETAILS AND ADDED NOTE	01/11/12



- NOTES:
- This installation has been evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H, V, H, Z.
 - All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
 - Anchor bolts shall be as specified and spaced as shown. Anchor embedment 1. Base material shall be beyond wall dressing or stucco and into wood.
 - The responsibility for selection of Simonon products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 - Shims are optional. Max. shim stock is 1/4".
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 - When used in areas requiring impact protection this product REQUIRES the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 methodology appropriate for the opening into which the window is being installed.
 - This product complies with ASTM E 1300-04.

SIZE CHART		
OVERALL SIZE	DP RATING	
WIDTH "W"	HEIGHT "H"	
72"	63"	±30 PSF
72"	48"	±35 PSF

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MATERIAL:	FINISH TREATMENT:
FINISH: ALLOY & TEMPER	SURFACE AREA: PERIMETER
Dimensional Tolerances United States Standard	Decimals Angles
X ± .03	0" 10 min.
.XXX ± .005	
SERIES: 43-06 / 43-17 HORIZONTAL SLIDER	
TITLE: 2X BUCK NEW CONSTRUCTION INSTALLATION	

SIMONON

1 Cochran Avenue
Pemberton, WV 26413

DATE: 10/24/07
CHECKED BY: T.O.D.
APPROVED BY: DATE:

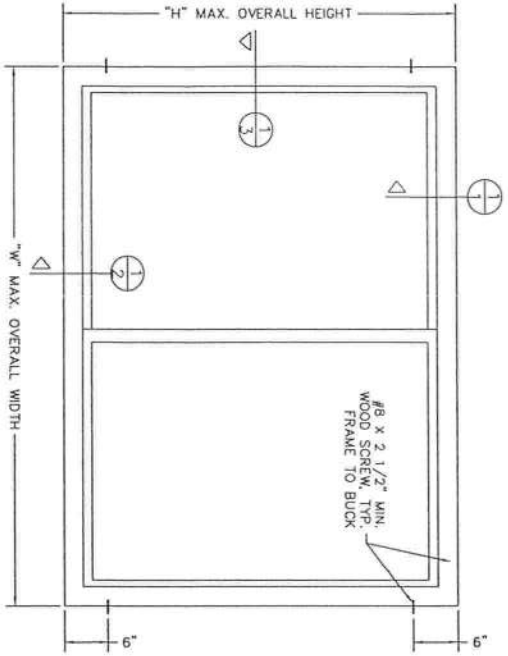
SCALE: 1/8" = 1'-0"
SHEET: 1 of 1

DATE: 10/24/07

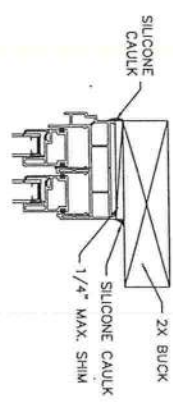
DATE: 10/24/07

6100 ZPNC

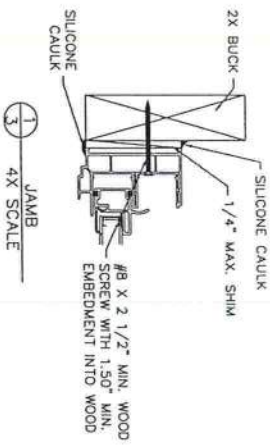
MODEL DESIGNATION: Simonon Horizontal Slider Series 43-35 Vinyl Window
MAXIMUM OVERALL NOMINAL SIZE: See Size Chart
DESIGN PRESSURE RATING: See Size Chart
USABLE CONFIGURATIONS: XX, OX, or XO
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



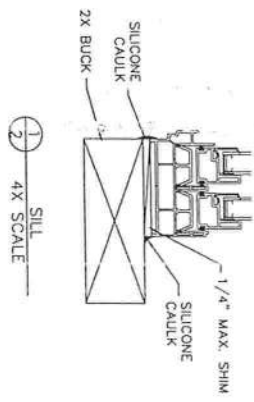
SIZE CHART		
OVERALL SIZE	DP RATING	
WIDTH "W"	HEIGHT "H"	
78"	63"	±25 PSF
69"	65"	
72"	54"	±30 PSF
72"	36"	±35 PSF
72"	36"	±40 PSF



1 HEAD
4X SCALE



1 JAMB
4X SCALE



1 SILL
4X SCALE

- NOTES:
- This installation has been evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed herein, for use outside the R.V.H.Z.
 - All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
 - Anchor screws shall be specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
 - The responsibility for selection of Simonon products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 - Shims are optional. Maximum shim stack is 1/4".
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 - When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 method appropriate for the opening in which the window is being installed.
 - Installation screws must be at least 3/4" from the edge of the wood.
 - Gazing shall comply with ASTM E 1300-04.

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FILE NO139

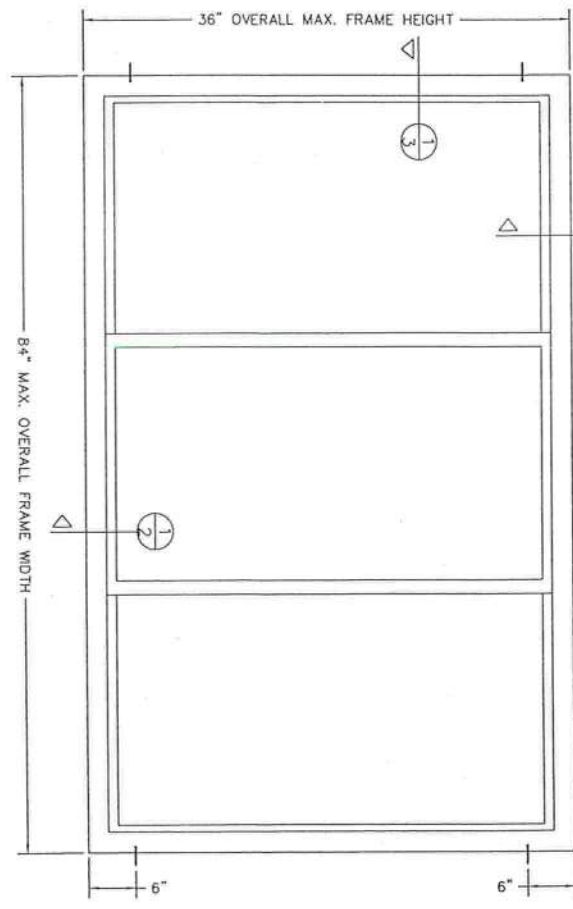
NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

REV	REVISIONS	REMOVED BY	DATE
1	ADDED 1 ASHING NOTE	T.O.D.	04/07/11
5	UPDATE SIZES PER TESTING	T.O.D.	05/24/11
6	ADDED 1 JAMBING DETAILS	T.O.D.	06/09/11
7	REMOVED GLAZING DETAILS AND ADDED NOTE	T.O.D.	01/11/12
8	CHANGE 1 JAMB-FRAME CORE AND FRAME	T.O.D.	02/23/12
9	PROFILE PER NEW TESTING		

FINISH FINISH		DIMENSIONAL TOLERANCES Unless Otherwise Specified	
ALLOY & TEMPER	PROCESS	Decimals	Angles
WEIGHT	VOLUME	X ± .03	0° 3' min.
SURFACE AREA	PERIMETER	.xxx ± .005	
FINISH TREATMENT		SERIES: 43-35 HORIZONTAL SLIDER	
TITLE: 2X BUCK INSTALLATION (AS TESTED)		SHEET: 1 of 1	
APPROVED BY: DATE:		CHECKED BY: DATE:	
10/24/07		10/24/07	
10/24/07		10/24/07	

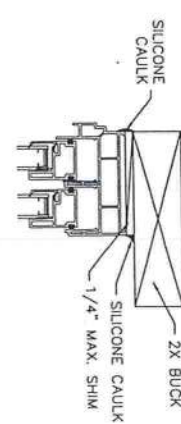
6100 SPN

MODEL DESIGNATION: Simonon Endvent Series 43-35 Vinyl Window
MAXIMUM OVERALL NOMINAL SIZE: Single up to 84" x 36"
DESIGN PRESSURE RATING: Positive: 35.0 PSF
Negative: 35.0 PSF
USABLE CONFIGURATIONS: XOX
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

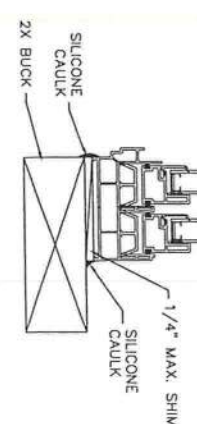


NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

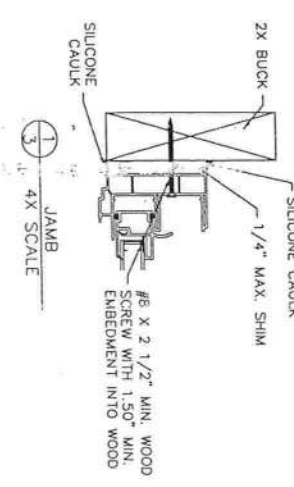
REV.	REVISIONS:	REVISED BY:	DATE:
1	ADDED FLASHING NOTE	T.O.D.	05/04/11
2	UPDATED SIZES PER TESTING	T.O.D.	05/24/11
3	ADDED FLASHING DETAILS	T.O.D.	06/14/11
4	REMOVED FLASHING DETAILS AND ADDED NOTE	T.O.D.	01/11/12
5	CHANGED FLASH-FRAME CORNER AND FRAME PROFILE FOR NEW TESTING	T.O.D.	02/24/12



HEAD
4X SCALE



SILL
4X SCALE



JAMB
4X SCALE

- NOTES:
- This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
 - All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
 - Anchor bolts shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
 - The responsibility for selection of Simonon products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 - Shims are optional. Max. shim stock is 1/4".
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 - When used in areas requiring impact protection this product REQUIRES the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 methodology appropriate for the opening into which the window is being installed.
 - Installation screws must be at least 3/4" from the edge of the wood.
 - Glazing shall comply with ASTM E 1300-04.

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FILE NO: 147

MATERIALS	
FINISH:	EXTERIOR AND INTERIOR
ALLOY & TENSILE:	ALUMINUM
WEIGHT:	PER WEIGHT
SURFACE AREA:	PER WEIGHT
FINISH TREATMENT:	PER WEIGHT

DIMENSIONAL TOLERANCES	
UNLESS OTHERWISE SPECIFIED	
Decimals	Angles
.001	.001
.002	.002
.003	.003

SIMONON
1 Cochrane Avenue
Perrineburg, WV 26415

SCALE: FIT
SHEET: 1 of 1

APPROVED BY: DATE: 10/25/07

DATE: 10/25/07

43-35 ENDVENT

2X BUCK INSTALLATION (AS TESTED)

FLORIDA DEPARTMENT OF Business & Professional Regulation

2010/05/00 AUN



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Florida Department of
**Business & Professional
Regulation**



Product Approval
USER: Public User

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Product Approval Menu > Product or Application Search > Application List > **Application Detail**

EMERGENCY
MANAGEMENT
OFFICE OF THE
SECRETARY

FL #
Application Type
Code Version
Application Status
Comments
Archived

FL5185-R3
Revision
2010
Validated



Product Manufacturer
Address/Phone/Email

Simonton Windows
1 Cochran Ave
Pennsboro, WV 26415
(800) 746-6687 Ext 2329
tiffany_davies@simonton.com

Authorized Signature

Tiffany Davies
tiffany_davies@simonton.com

Technical Representative
Address/Phone/Email

Tiffany Davies
PO Box 1646
5300 Briscoe Road
Parkersburg, WV 26102
(800) 542-9118 Ext 9329
tiffany_davies@simonton.com

Quality Assurance Representative	AAMA		
Address/Phone/Email	1827 Walden Office Square Suite 550 Schaumburg, IL 60173 (847) 303-5664 webmaster@aamanet.org		
Category	Windows		
Subcategory	Awning		
Compliance Method	Certification Mark or Listing		
Certification Agency	American Architectural Manufacturers Association		
Validated By	American Architectural Manufacturers Association		
Referenced Standard and Year (of Standard)	<u>Standard</u> AAMA/WDMA/CSA/1.S.2/A-440		<u>Year</u> 2005
Equivalence of Product Standards Certified By			
Product Approval Method	Method 1 Option A		
Date Submitted	01/18/2012		

Date Validated

02/24/2012

Summary of Products

FL #	Model, Number or Name	Description
5185.1	08-08, 08-09, 08-10 and 08-20	ProFinish Contractor/Master, Amcraft Grand Estates New Construction, Reflections 5500, Prism Platinum, Generations, Impressions 9800, Sears 9300, THD 6100/6500 Vantage Pointe, Amcraft Grand Estates Premium Plus Vinyl Awning
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 60x36 (+/-50 PSF), 53x26 (+/-55 PSF)		Certification Agency Certificate FL5185 R3 C CAC 08-08 AW 53x26 R55.pdf FL5185 R3 C CAC 08-08 AW 60x36 R50.pdf FL5185 R3 C CAC 08-09 to 08-08 Waiver.pdf FL5185 R3 C CAC 08-10 08-20 to 08-09 Waiver.pdf Quality Assurance Contract Expiration Date 08/02/2015 Installation Instructions FL5185 R3 II IN0326 08-08 08-09 08-10 08-20 AW 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:

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Next

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Product Approval Accepts:

MODEL DESIGNATION: Simonton Awning (Top Hinge) Series 08-08 / 08-09 / 08-10 / 08-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

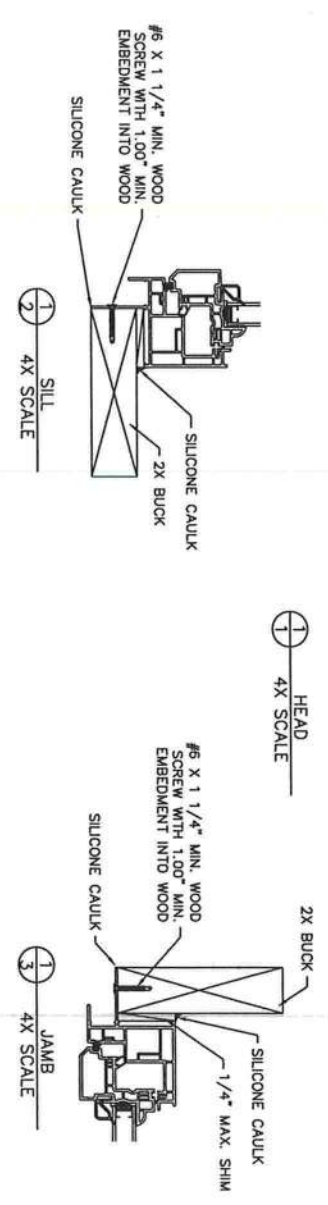
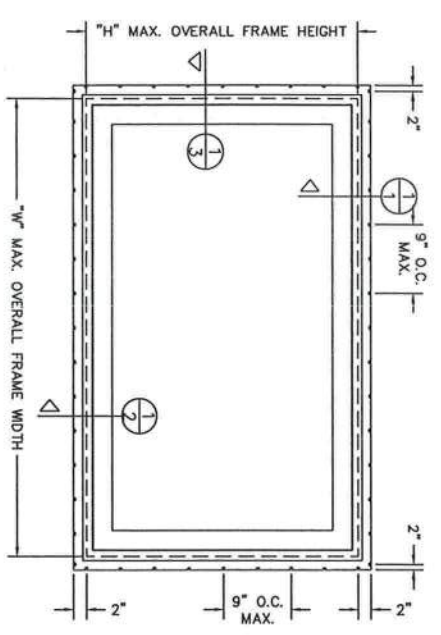
DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: X

GENERAL DESCRIPTION: The head and side jumbs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

REV.	REVISIONS	REVISD BY	DATE
1	UPDATED PER NEW TESTING AND ADDED NOTE	T.D.D.	01/17/12
2			
3			
4			
5			



- NOTES:**
- This installation has been evaluated for use in locations adhering to the Texas & Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
 - All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
 - Anchor shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
 - The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 - Shims are optional. Max. shim stock is 1/4".
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 - When used in areas requiring impact protection this product **REQUIRES** the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 methodology appropriate for the opening into which the window is being installed.
 - Installation screws must be at least 3/4" from the edge of the wood.
 - This product complies with ASTM E 1300-04.

SIZE CHART	
OVERALL SIZE	DP RATING
WIDTH	"W"
HEIGHT	"H"
60"	36"
53"	26"
	±50 PSF
	±55 PSF

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MATERIAL		FINISH TREATMENT	
FRAMES	FINISH: ALLOY & THERMALLY TREATED	FRAMES	FINISH: ALLOY & THERMALLY TREATED
GLASS	FINISH: ALLOY & THERMALLY TREATED	GLASS	FINISH: ALLOY & THERMALLY TREATED
WEIGHT	VOLUME	PERIMETER	PERIMETER
SURFACE AREA	PERIMETER	PERIMETER	PERIMETER
FINISH TREATMENT	PERIMETER	PERIMETER	PERIMETER

DISCREPANCY TOLERANCES
Unless Otherwise Specified

Decimals	Angles
.XX ± .01	0° 30 min.
.XXX ± .005	

SCALE: FIT

SERIES: 08-08 / 08-09 / 08-10 / 08-20 AWNING

TITLE: 2X BUCK INSTALLATION

SIZE/DRAWING NO.: REV 1

DATE: 09/22/08

CHECKED BY: DATE:

APPROVED BY: DATE:

SIMONTON®
1 Cochrane Avenue
Perrinton, WV 26415

FLORIDA DEPARTMENT OF Business & Professional Regulation

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Product Approval
USER: Public User

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Product Approval Menu > Product or Application Search > Application List > **Application Detail**

EMERGENCY
MANAGEMENT
OFFICE OF THE
SECRETARY

FL #
Application Type
Code Version
Application Status

Comments
Archived

Product Manufacturer
Address/Phone/Email

Authorized Signature

Technical Representative
Address/Phone/Email

16100/16500
Single casement +
type casement

16



FL107-R7
Revision
2010
Approved
* Approved by DCA. Approvals by DCA shall be reviewed and ratified by the POC and/or the Commission if necessary.

Simonton Windows
1 Cochran Ave
Pennsboro, WV 26415
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Tiffany Davies
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Tiffany Davies
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Parkersburg, WV 26102

Quality Assurance Representative	(800) 542-9118 Ext 9329 tiffany_davies@simonton.com								
Address/Phone/Email	AAMA 1827 Walden Office Square Suite 550 Schaumburg, IL 60173 (847) 303-5664 webmaster@aamanet.org								
Category	Windows								
Subcategory	Casement								
Compliance Method	Certification Mark or Listing								
Certification Agency	American Architectural Manufacturers Association								
Validated By	American Architectural Manufacturers Association								
Referenced Standard and Year (of Standard)	<table><tr><th>Standard</th><th>Year</th></tr><tr><td>AAAMA 450</td><td>2006</td></tr><tr><td>AAAMA/WDMA/CSA 101/I.S.2/A440</td><td>2005</td></tr></table>			Standard	Year	AAAMA 450	2006	AAAMA/WDMA/CSA 101/I.S.2/A440	2005
Standard	Year								
AAAMA 450	2006								
AAAMA/WDMA/CSA 101/I.S.2/A440	2005								
Equivalence of Product Standards Certified By									
Product Approval Method	Method 1 Option A								

		Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
107.3	08-08	Profinish Contractor, Profinish Master, Amcraft Grand Estates New Construction Vinyl Casement Triple with H-Mullions
Limits of Use Approved for use in HVHZ: No Impact Resistant: No Design Pressure: +50/-50 Other: 145x63		Certification Agency Certificate FL107 R7 C CAC 08-08 Case Flanker 145x63 R50 450.pdf Quality Assurance Contract Expiration Date 11/18/2013 Installation Instructions FL107 R7 II IN0353 08-08 CS XOX H-Mulled 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
107.4	08-09, 08-10, 08-20	Reflections 5500, Prism Platinum, Generations, 9400, 9800, 9300, Amcraft Grand Estates Premium Plus, Grandura, 6500 Vantage Pointe, 6100 Vantage Pointe Vinyl Casement (Left or Right Hinge) Certification Agency Certificate FL107 R7 C CAC 08-10 08-20 waiver to 08-09.pdf FL107 R7 C CAC Sim 08-09 CS 36x72 R55.pdf Quality Assurance Contract Expiration Date 10/05/2014 Installation Instructions FL107 R7 II IN0052 08-09 08-10 08-20 CS 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other: 36x72		
107.5	08-09, 08-10, 08-20	Reflections 5500, Prism Platinum, Generations, 9400, Impressions 9800, Sears 9300, Grand Estates Premium Plus, Grandura, 6100 Vantage Pointe, 6500 Vantage Point vinyl casement triple with integral T-mullions

06/00/14500
single
casement

06/00/14500
triple

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 105x51		Certification Agency Certificate FL107 R7 C CAC 08-09 CS Triple 105x51 R50.pdf FL107 R7 C CAC 08-10 08-20 waiver to 08-09.pdf Quality Assurance Contract Expiration Date 07/30/2013 Installation Instructions FL107 R7 II IN0325 CS T-Mull Triple 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
107.6	08-09, 08-10, 08-20	Reflections 5500, Prism Platinum, Generations, 9400, Impressions 9800, Sears 9300, Grand Estates Premium Plus, Grandura, 6100 Vantage Pointe, 6500 Vantage Pointe vinyl casement triple with H-mullions Certification Agency Certificate FL107 R7 C CAC 08-09 Case Triple 145x63 R50 450.pdf FL107 R7 C CAC 08-10 08-20 waiver to 08-09.pdf Quality Assurance Contract Expiration Date 11/18/2013 Installation Instructions FL107 R7 II IN0352 08-09 08-10 08-20 CS XOX H-Mulled 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	

9/10/09/16500
tripple

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MODEL DESIGNATION:

Simonton Casement Series 08-09 / 08-10 / 08-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:

Single up to 36" x 72"

DESIGN PRESSURE RATING:

Positive: 55.0 PSF

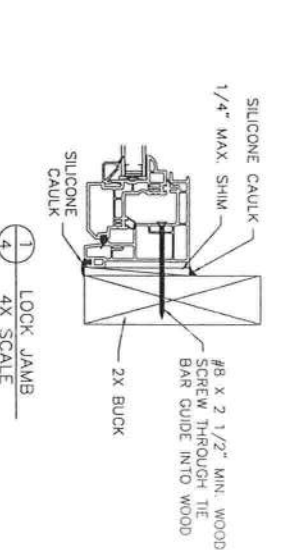
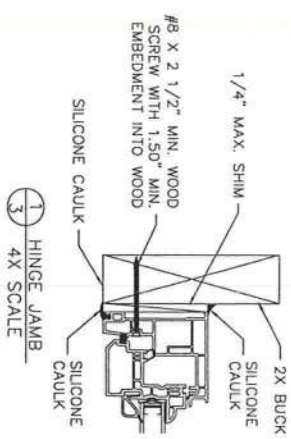
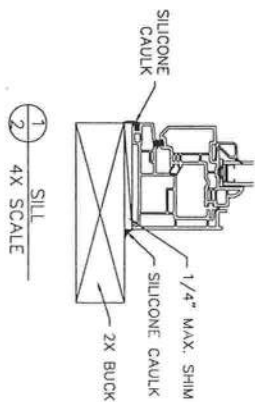
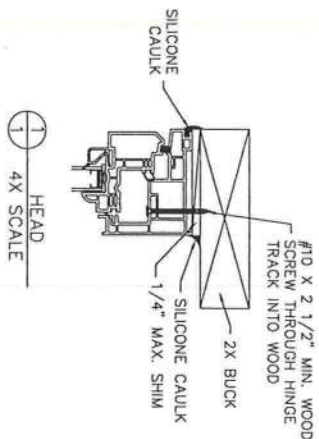
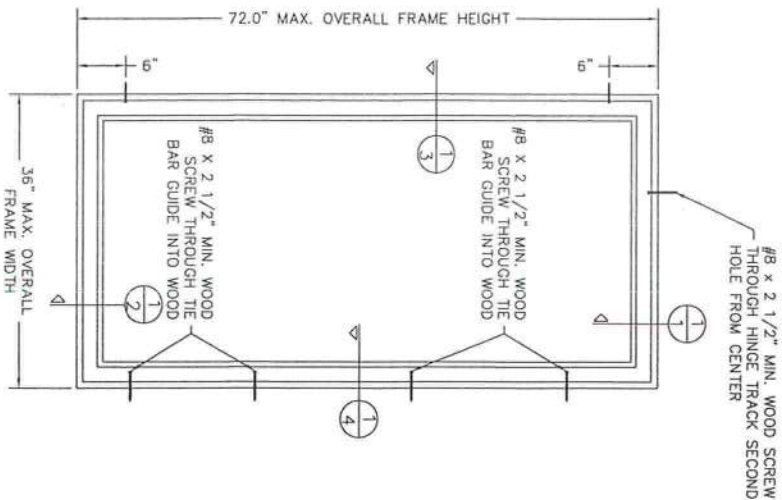
Negative: 55.0 PSF

USABLE CONFIGURATIONS:

✕

GENERAL DESCRIPTION:

The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



- NOTES:
1. This installation has been evaluated for use in locations adhering to the Texas and Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein. For use outside the H.V.H.Z.
 2. All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
 3. Anchors shall be specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
 4. The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 5. Shims are optional. Maximum shim stack is 1/4".
 6. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 7. When used in areas requiring impact protection, this product requires the use of approved impact resistant shutters or other external protection.
 8. Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
 9. Insistation screws must be at least 3/4" from the edge of the wood.
 10. Glazing shall comply with ASTM E 1300-04.

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<p>Dimensional Tolerances</p> <p>Unless Otherwise Specified</p>		<p>Decimals</p> <p>Angles</p> <p>30 min.</p> <p>X ± .03</p> <p>.XX ± .005</p> <p>0°</p>	
<p>SCALE: 1/4" = 1'-0"</p> <p>UNIT: FEET</p> <p>SCALE: 1/4" = 1'-0"</p> <p>UNIT: FEET</p>		<p>DATE: 08-09 / 08-10 / 08-20</p> <p>CHECKED BY: DATE</p> <p>APPROVED BY: DATE</p>	
<p>TITLE:</p> <p>22 BUICK INSTALLATION</p>		<p>SIZE/DRAWING NO.:</p> <p>B 1 INDO52</p> <p>DATE: 08/19/08</p> <p>DATE: 08/19/08</p> <p>DATE: 08/19/08</p>	

NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

REV. #	REVISIONS	REMOVED BY	DATE
1	REMOVED MASONRY REFERENCES AND UPDATED ANCHORAGE PER TEST REPORT	T.O.D.	09/19/06
2	UPDATED NOTES & GENERAL DESCRIPTION	T.O.D.	06/04/11
3	ADDED FLASHING NOTE	T.O.D.	03/22/17
4	ADDED GLAZING DETAILS	T.O.D.	06/02/17
5	REMOVED GLAZING DETAILS AND ADDED NOTE	T.O.D.	01/31/18

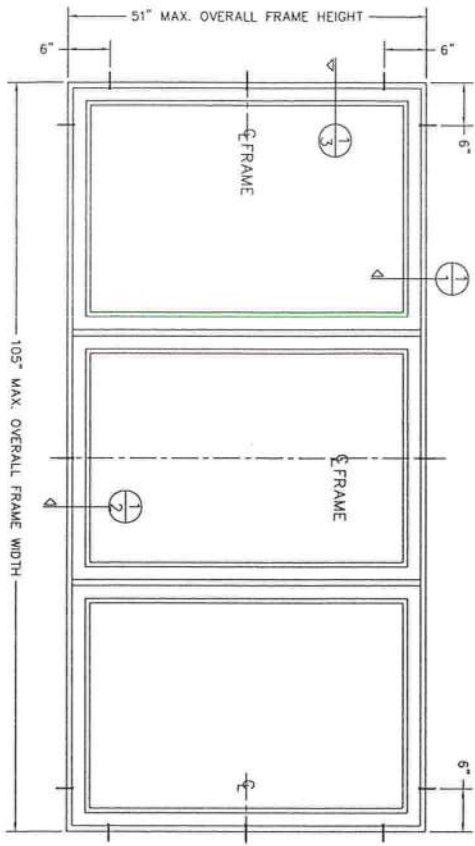
MODEL DESIGNATION: Simonton Casement Series 08-09 / 08-10 / 08-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: Triple up to 105" x 51"

DESIGN PRESSURE RATING: Positive: 50.0 PSF
Negative: 50.0 PSF

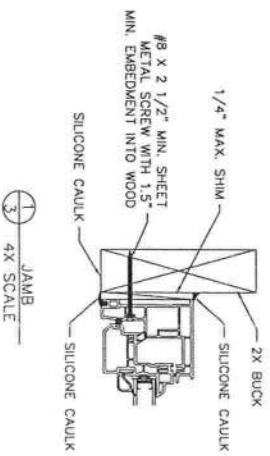
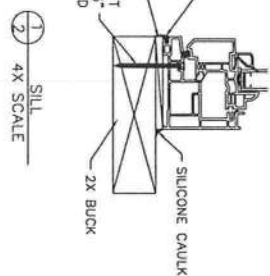
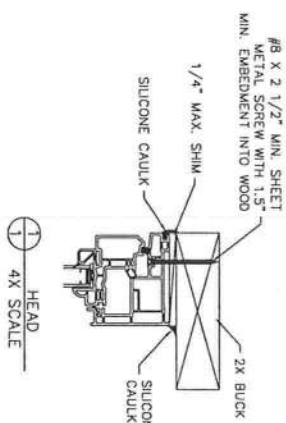
USABLE CONFIGURATIONS: XXX

GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS

REV.	REVISIONS	REVISD BY:	DATE:
1	CHANGED DR. RATING & SIZE PER TEST REPORT #2885.01.	T.O.B.	02/19/09
2	UPDATES NOTES AND GENERAL DESCRIPTION.	T.O.B.	03/23/11
3	ADDED GLAZING DETAILS.	T.O.B.	06/03/11
4	REMOVED GLAZING DETAILS AND ADDED NOTE.	T.O.B.	01/31/12



- NOTES:
- This installation has been evaluated for use in locations adhering to the Texas and Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein. For use outside the H.V.H.Z.
 - All exterior perimeter surfaces of the window must be caulked interior caulking is optional unless noted otherwise.
 - Anchor shall be specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
 - The responsibility for selection of Simonton products to meet any local laws, building codes, ordinances, or other solely requirements rests solely with the architect, building owner, or contractor.
 - Shims are optional. Maximum shim stock is 1/4".
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 - When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
 - Installation screws must be at least 3/4" from the edge of the wood.
 - Glazing shall comply with ASTM E 1300-04.

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RHS FINISH: UNLESS OTHERWISE SPECIFIED		FINISH TREATMENT: PERMITTER	
WEIGHT: VOLUME:		SURFACE AREA:	
X ± .03		X ± .01	
XXX ± .005		0" 30 min.	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TOLERANCES: UNLESS OTHERWISE SPECIFIED	
X ± .03		X ± .01	
XXX ± .005		0" 30 min.	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TOLERANCES: UNLESS OTHERWISE SPECIFIED	
X ± .03		X ± .01	
XXX ± .005		0" 30 min.	

2X BUCK INSTALLATION

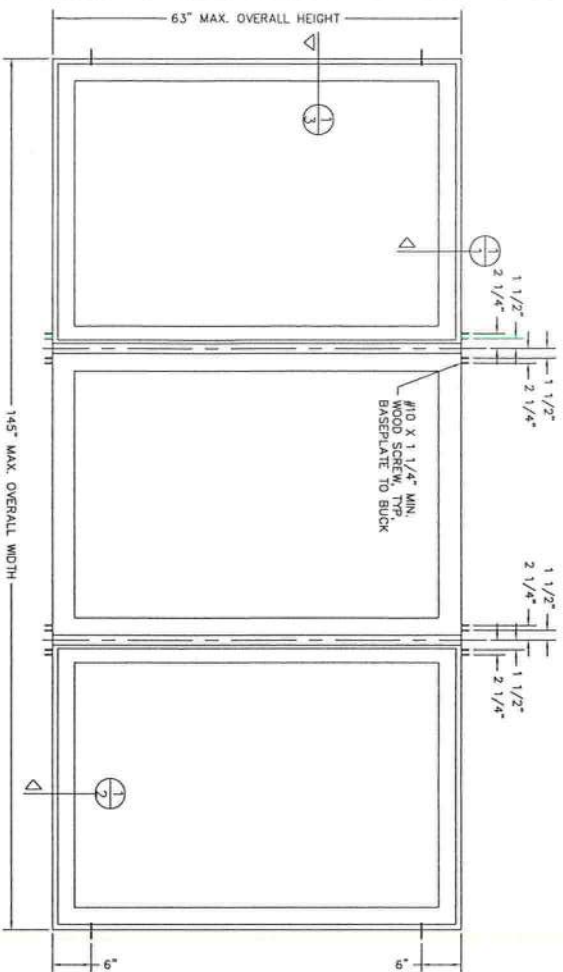
MODEL DESIGNATION: Simonton Casement Series 08-09 / 08-10 / 08-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: Triple up to 145" x 63"

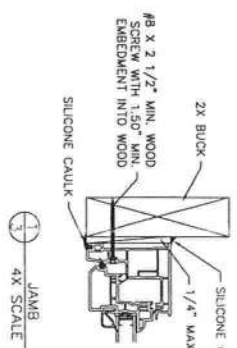
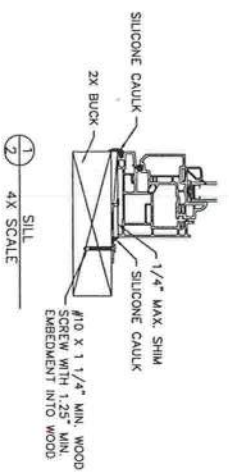
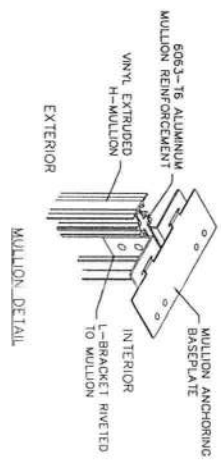
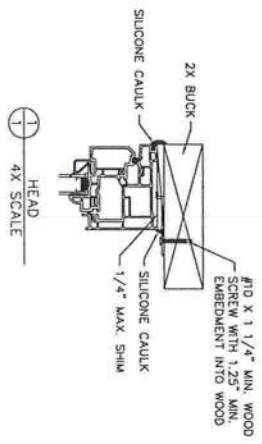
DESIGN PRESSURE RATING: Positive: 50.0 PSF Negative: 50.0 PSF

USABLE CONFIGURATIONS: XOX The head, sill, and side jamba are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

GENERAL DESCRIPTION:



NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS



- NOTES:
1. This installation has been evaluated for use in locations adhering to the Florida Building Code and where design pressure requirements are determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed herein.
 2. All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
 3. Anchors shall be specified and spaced as shown. Anchor embedment into base material shall be beyond wall dressing or stucco and into wood or concrete.
 4. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
 5. The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
 6. Shims are optional. Max. shim stock is 1/4".
 7. When used in areas requiring impact protection, this product requires the use of approved impact resistant shutters or other external protection.
 8. Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
 9. Installation screws should be at least 3/4" from the edge of the wood.
 10. Glazing shall comply with ASTM E 1300-04.

DISCLOSURE STATEMENT	
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MATERIAL:	FINISH FINISH: EXCEPT AS NOTED
WEIGHT:	VOLUME:
SURFACE AREA:	PERIMETER:
FINISH TREATMENT:	PERIMETER:
Dimensional Tolerances Unless Otherwise Specified	
Decimals Angles	
XX ± .03 0° 30 min.	
XX ± .01 XX ± .005	
SCALE: FIT SHEET APPROVED BY: DATE:	
SERIES: 08-09 / 08-10 / 08-20 XOX CASMENT (H-MULL)	
TITLE: 2X BUCK INSTALLATION (AS TESTED)	
DRAWING NO.: REV. 3	
DRAWN BY: DATE: 11/05/08	
CHECKED BY: DATE:	
APPROVED BY: DATE:	