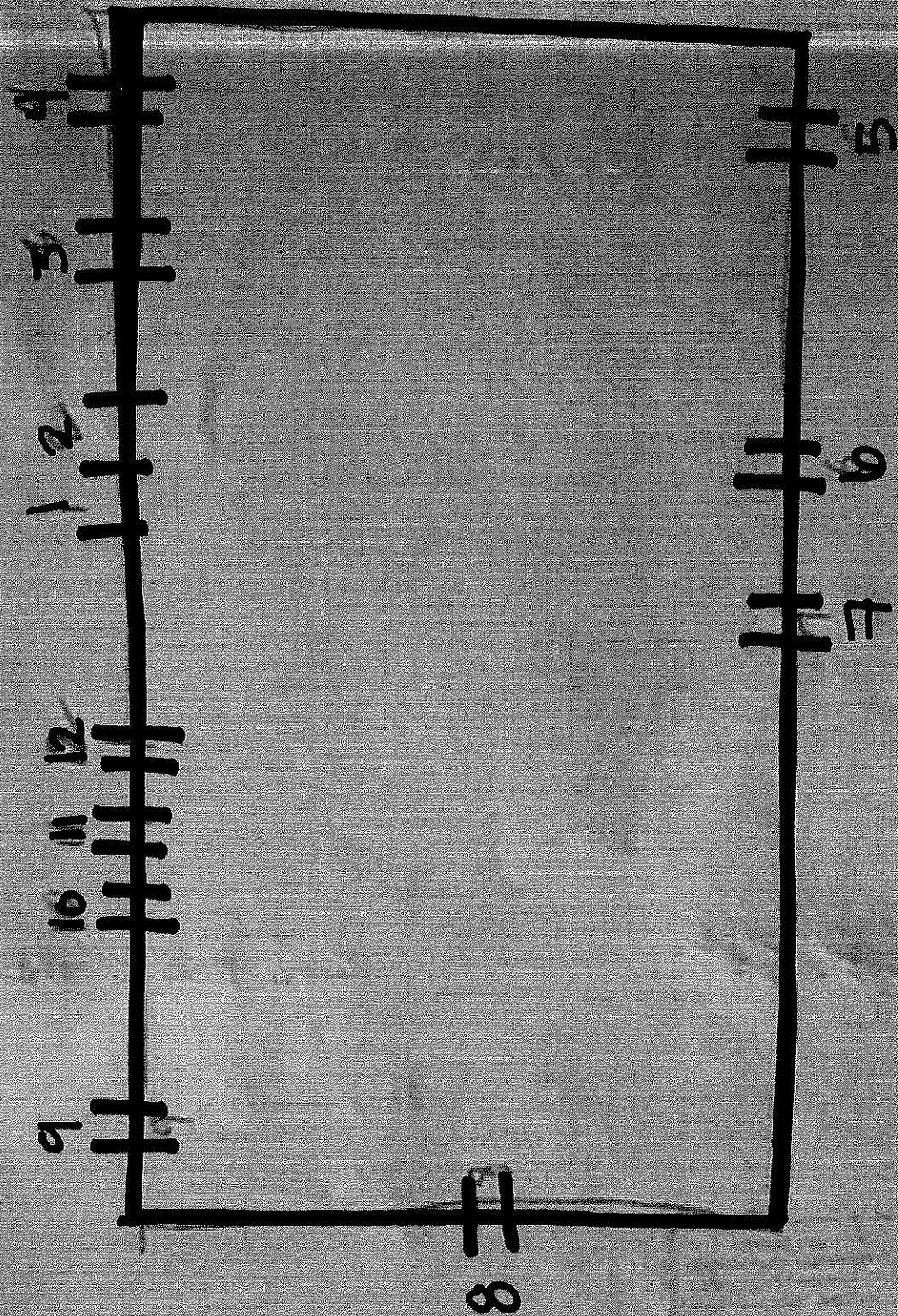






Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**



FL #

Application Type

Code Version

Application Status

FL5167-R41

Revision

2020

Approved

FL5167.15

DH 6500

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments

Archived



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Authorized Signature

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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

Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency

Validated By

Fenestration and Glazing Industry Alliance (formerly AAMA)

Fenestration and Glazing Industry Alliance (formerly AAMA)

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 450

2010

AAMA/WDMA/CSA 101/I.S.2 A440

2011

AAMA/WDMA/CSA 101/I.S.2 A440

2008

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

		Installation Instructions FL5167 R41 II IN0535 43-35043-50 DH Twin with Transom 2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.13	43-40 and 43-45	Reflections 5050, Reflections 5300, 6100, PerfeXion Gold, 4000E Vinyl Double Hung
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 36x72 (+/-30 PSF), 52x71 (+/-35 PSF), 48x80 (+/-35 PSF), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 44x63 (+/-35 PFS), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF), 46x84 (+/-25)		Certification Agency Certificate FL5167 R41 C CAC 43-40 DH (10390) 32x62 PG50.pdf FL5167 R41 C CAC 43-40 DH (10592) 44x63 PG35.pdf FL5167 R41 C CAC 43-40 DH (12109) 46x84 R-PG25.pdf FL5167 R41 C CAC 43-40 DH (12110) 44x63 R-PG45.pdf FL5167 R41 C CAC 43-40 DH 36x63-R45.pdf FL5167 R41 C CAC 43-40 DH 36x72-R30.pdf FL5167 R41 C CAC 43-40 DH 36x74 R-PG50.pdf FL5167 R41 C CAC 43-40 DH 48x80 R-PG35.pdf FL5167 R41 C CAC 43-40 DH 52x71-R35.pdf FL5167 R41 C CAC 43-45 DH 52x71 R-PG35.pdf FL5167 R41 C CAC 43-45 walver to 43-40.pdf Quality Assurance Contract Expiration Date 09/12/2026 Installation Instructions FL5167 R41 II IN0432b 43-40 43-45 DH-2X.pdf FL5167 R41 II IN0434 43-30 43-45 DH 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167 R41 AE EvalReport-IN0434-R8.pdf Created by Independent Third Party: Yes
5167.14	43-50 (Three-Step Sill)	6100, Asure, PerfeXion Silver Vinyl Double Hung
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 52x71 (+/-35 PSF), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF)		Certification Agency Certificate FL5167 R41 C CAC 43-50 DH 32x62-R50.pdf FL5167 R41 C CAC 43-50 DH 36x63-R45.pdf FL5167 R41 C CAC 43-50 DH 36x74-R50.pdf FL5167 R41 C CAC 43-50 DH 44x63-R45.pdf FL5167 R41 C CAC 43-50 DH 52x71-R35.pdf Quality Assurance Contract Expiration Date 01/25/2026 Installation Instructions FL5167 R41 II IN0432 43-50 DH 2X.pdf FL5167 R41 II IN0569 43-50 DH 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167 R41 AE EvalReport-IN0569-R4.pdf Created by Independent Third Party: Yes
5167.15	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 48x80 (+/-25 PSF), 53x74 (+/-30 PSF), 48x80 (+/-35 PSF), 52x71 (+/-35 PSF), 53x80 (+/-40 PSF), 36x63 (+/-50 PSF), 36x74 (+/-50 PSF), 36x72 (+/-55)		Certification Agency Certificate FL5167 R41 C CAC 07-75 DH (11945) 48x80 R-PG35.pdf FL5167 R41 C CAC 07-75 DH (12084) 53x74 R-PG30.pdf FL5167 R41 C CAC 07-75 DH 53x80 R-PG40.pdf FL5167 R41 C CAC 75-75 DH (11047) 48x80 PG25.pdf FL5167 R41 C CAC 75-75 DH (11048) 36x63 PG50.pdf FL5167 R41 C CAC 75-75 DH (11078) 52x71 PG35.pdf FL5167 R41 C CAC 75-75 DH (11339) 36x72 PG55.pdf FL5167 R41 C CAC 75-75 DH 36x74-LC50.pdf FL5167 R41 C CAC ACP-05 SIM 07-75 DH HS PW frame 07-09.pdf FL5167 R41 C CAC ACP-05 SIM 75-75, 07-09, 07-75, 07-09, 75-10, 75-20 DH frame.pdf Quality Assurance Contract Expiration Date 03/25/2025 Installation Instructions FL5167 R41 II IN0113 75-75 75-09 07-75 07-09 07-10 07-20 DH 2X.pdf FL5167 R41 II IN0132 75-75 75-09 07-09 07-10 07-20 DH-1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports

		FL5167_R41_AE_EvalReport-IN0132-R12.pdf Created by Independent Third Party: Yes
5167.16	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Double Hung H-Mulled Triple
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 109x74 (+/-50 PSF)		Certification Agency Certificate FL5167_R41_C_CAC_07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167_R41_C_CAC_07-75 waiver to 07-09.pdf FL5167_R41_C_CAC_75-75 DH Triple 109x74 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R41_II_IN0060 75-75 DH Triple or Twin 2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.17	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung H-Mulled Twin with Transom
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 73x111 *Glazing complies with ASTM E 1300-04.		Certification Agency Certificate FL5167_R41_C_CAC_07-75 waiver to 07-09.pdf FL5167_R41_C_CAC_75-75 DH Twin w-Transom 73x111 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R41_II_IN0062 75-75 DH Twin w Transom 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167_R41_AE_EvalReport-IN0062-R8.pdf Created by Independent Third Party: Yes

[Back](#) [Next](#)

Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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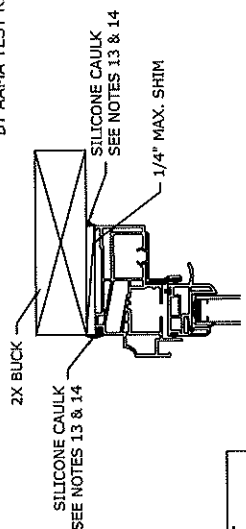
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Product Approval Accepts:

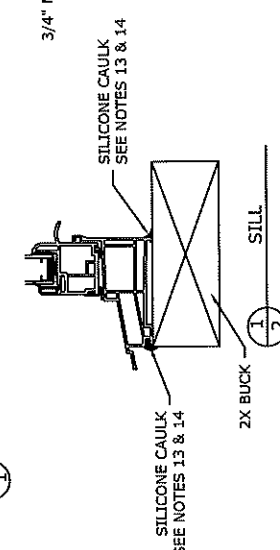
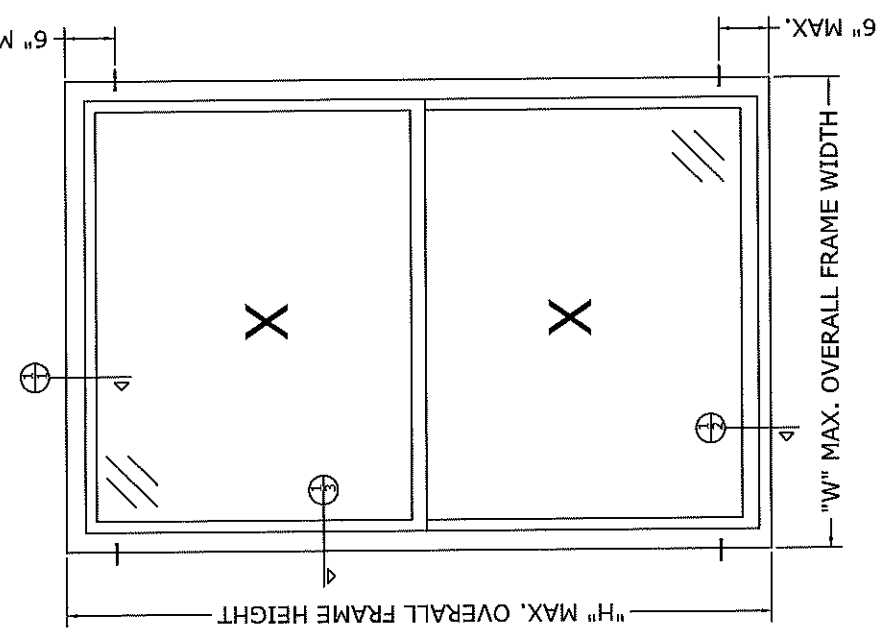


MODEL DESIGNATION:		Simonton Double Hung Series 75-75 / 75-09 / 07-75 / 07-09 / 07-10 / 07-20 Vinyl Window		REVISED BY:		DATE:	
MAXIMUM OVERALL NOMINAL SIZE:		See Size Chart		REVISED BY:		DATE:	
DESIGN PRESSURE RATING:		See Size Chart		REVISED BY:		DATE:	
USABLE CONFIGURATIONS:		X X		REVISED BY:		DATE:	
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".		REVISED BY:		DATE:	

NO P.E. SEAL REQUIRED INSTALLATION SUPPORTED BY AAMA TEST REPORTS		REVISIONS:		REVISED BY:		DATE:	
10		UPDATED SIZES PER NEW TESTING.		T.O.D.		01/29/14	
11		ADDED MIN. EDGE DISTANCE NOTES		GM		06/19/15	
12		ADDED NEW SIZE TO CHART		LHM		07/10/15	
13		ADDED NOTES 12 & 13 - AAMA 800		LHM		08/19/16	
14		UPDATED SIZES PER NEW TESTING.		LHM		04/11/18	



SIZE CHART		
OVERALL SIZE	HEIGHT	DP RATING
WIDTH	"H"	
48"	80"	±25 PSF
53"	74"	±30 PSF
48"	80"	±35 PSF
52"	71"	±40 PSF
53"	80"	±40 PSF
36"	63"	±50 PSF
36"	74"	±50 PSF
36"	72"	±55 PSF



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.
- 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 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 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 into which the window is being installed.
- Installation screws must be at least 3/4" from the edge of the wood.
- Installation screws may be placed in the interior or exterior track of the jamb. Screws should be flush with the vinyl.
- This product complies with ASTM E 1300.
- Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
- Use 100% pure silicone caulk compliant with AAMA 800 Section 1 - Sealant Specifications for use with Architectural Fenestration Products. For more details visit Simonton.com.
- Use a backer rod on all joints >3/4" deep and/or wider than 1/4". Finished caulk joint should be a minimum of 3/8" deep.

SIMONTON
W I N D O W S
1 Cochran Avenue
Pemberton, NJ 08065

SIZE/SHOWN UNIT: B, 14
DATE: 03/02/07
DESIGN BY: T.O.D.
CHECKED BY: DATE:
APPROVED BY: DATE:
SHEET: 1 of 1
SCALE: 75-75 / 75-09 / 07-75 /
SERIES: 07-09 / 07-10 / 07-20 DOUBLE HUNG
TITLE: 2X BUCK INSTALLATION (AS TESTED)

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MATERIAL:
PVS FINISH:
ALLOW & TEMPLER:
WEIGHT:
VOLUME:
PERIMETER:
FINISH TREATMENT:

Dimensional Tolerances
Unless Otherwise Specified

Decimals Angles
X ± .03
XX ± .01
XXX ± .005



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #

Application Type

Code Version

Application Status

FL5179-R35

Revision

2020

Approved

FL5179.6-R35

6500 2pnl

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments

Archived



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Authorized Signature

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Technical Representative

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Quality Assurance Representative

Address/Phone/Email

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Schaumburg, IL 60173

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webmaster@aamanet.org

Category

Subcategory

Windows

Horizontal Slider

Compliance Method

Certification Mark or Listing

Certification Agency

Validated By

Fenestration and Glazing Industry Alliance (formerly AAMA)

Fenestration and Glazing Industry Alliance (formerly AAMA)

Referenced Standard and Year (of Standard)

Standard

AAMA/WDMA/CSA 101/I.S.2/A440

AAMA/WDMA/CSA 101/I.S.2/A440

Year

2008

2011

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

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), 78x72 (+/-20 PSF), 96x65 (+/-20 PSF), 72x63 (+/-20 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-09_HS_(10859)_78x63_PG25.pdf FL5179_R35_C_CAC_07-09_HS_(10860)_63x48_PG55.pdf FL5179_R35_C_CAC_07-09_HS_(10990)_72x63_R-PG20.pdf FL5179_R35_C_CAC_07-09_HS_(10991)_73x51_PG50.pdf FL5179_R35_C_CAC_07-09-10-20_and_08-09_-10_-20_Waiver.pdf FL5179_R35_C_CAC_07-75_HS_(11692)_78x72_R-PG20.pdf FL5179_R35_C_CAC_07-75_HS_(11693)_96x65_R-PG20.pdf FL5179_R35_C_CAC_ACP-05_SIM_07-75_DH_HS_PW_frame_07-09.pdf Quality Assurance Contract Expiration Date 04/25/2027 Installation Instructions FL5179_R35_II_IN0137_07-09_07-10_07-20_SL_2x.pdf FL5179_R35_II_IN0259_07-09_07-10_07-20_SL_1x.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5179_R35_AE_EvalReport-IN0259-R11.pdf Created by Independent Third Party: Yes
5179.5	07-20 (Fin)	Reflections 5500, Generations, Impressions 9800, PerfeXion Platinum, 6000, 6000EX 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 (+/-25 PSF), 84X48 (+/-55 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-20_EV_136x63_R-PG25.pdf FL5179_R35_C_CAC_07-20_EV_84x48_R55.pdf Quality Assurance Contract Expiration Date 04/20/2025 Installation Instructions FL5179_R35_II_IN0590_07-20_EV_2X_Fin.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.6	07-75	6500, 5500 Reflections, 6000, 6000EX 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), 78x63 (+/-40 PSF), 72x48 (+/-45 PSF), 63x48 (+/-55 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-75_HS_(11672)_72x48_R-PG45.pdf FL5179_R35_C_CAC_07-75_HS_(11673)_53x48_R-PG55.pdf FL5179_R35_C_CAC_07-75_HS_(11694)_78x63_R-PG25.pdf FL5179_R35_C_CAC_07-75_HS_(12031)_78x63_R-PG40.pdf Quality Assurance Contract Expiration Date 10/15/2027 Installation Instructions FL5179_R35_II_IN0224_75-75_SL_1x.pdf FL5179_R35_II_IN0225_07-75_SL_2x.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5179_R35_AE_EvalReport-IN0224-R8.pdf Created by Independent Third Party: Yes
5179.7	07-75	6500, 5500 Reflections, 6000EX 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 (+/-25 PSF), 84x63 (+/-30 PSF), 110x63 (+/-40 PSF), 100x48 (+/-45 PSF), 84x48 (+/-55 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-75_EV_(11691)_110x63_R-PG40.pdf FL5179_R35_C_CAC_07-75_EV_(11695)_136X63_R-PG25.pdf FL5179_R35_C_CAC_07-75_EV_(11696)_84X63_R-PG30.pdf FL5179_R35_C_CAC_07-75_EV_(11697)_84X48_R-PG55.pdf FL5179_R35_C_CAC_07-75_EV_(11699)_100x48_R-PG45.pdf Quality Assurance Contract Expiration Date 10/15/2027 Installation Instructions FL5179_R35_II_IN0144_75-75_EV_1x.pdf FL5179_R35_II_IN0145_07-75_EV_2x.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5179_R35_AE_EvalReport-IN0144-R11.pdf Created by Independent Third Party: Yes
5179.8	41-18	Profinish BrickMould 300, PerfeXion BM 300 Vinyl 2-Lite Horizontal Slider

REV.	REVISIONS	REVISED BY	DATE
4	UPDATED SIZES PER NEW TESTING AND ADDL. NOTES 15 & 16.	T.D.D.	12/05/11
5	UPDATED SIZES PER NEW TESTING.	T.D.D.	03/19/14
6	ADDED MIN. EDGE DIST. NOTE.	B.J.S.	05/19/15
7	ADDED MULTIPLE SUBSTRATES & O.C. TO SIZE CHART.	L.M.H.	11/27/17
8	UPDATED FOR 7TH EDITION (2020) PRC	L.M.H.	02/15/21

2/15/2021
 LUCAS A. TURNER, P.E.
 FL PE # 58201
 TURNER ENGINEERING &
 CONSULTING, INC.
 (COA # 287779)
 2428 OLD NATCHEZ TRACE
 TRAIL, CAMDEN, TN 38320
 PH. 941-380-1574



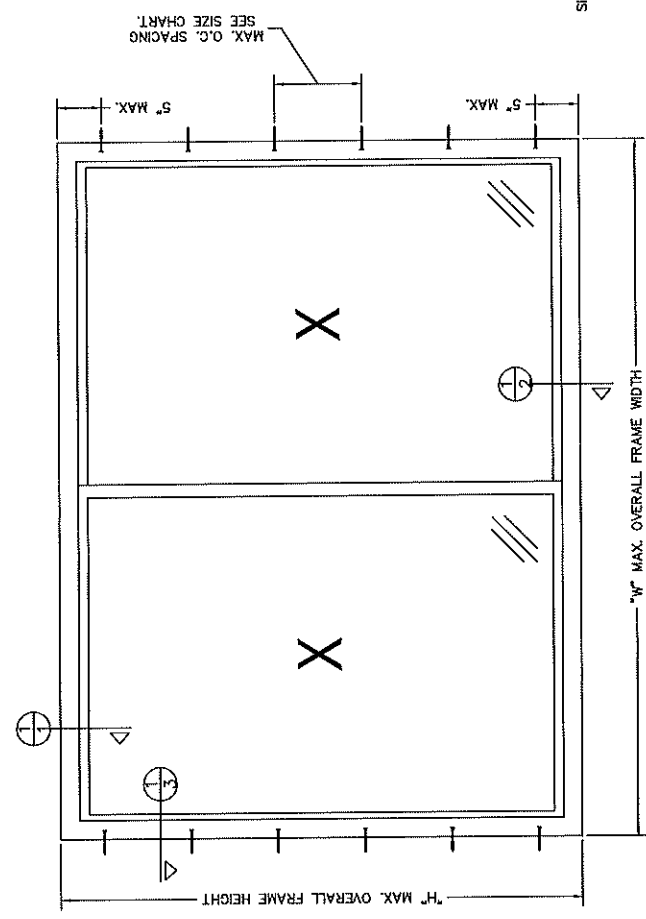
MODEL DESIGNATION: Simonton Horizontal Slider Series 75-75 / 07-09 / 07-10 / 07-20 / 07-75 / 75-09 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

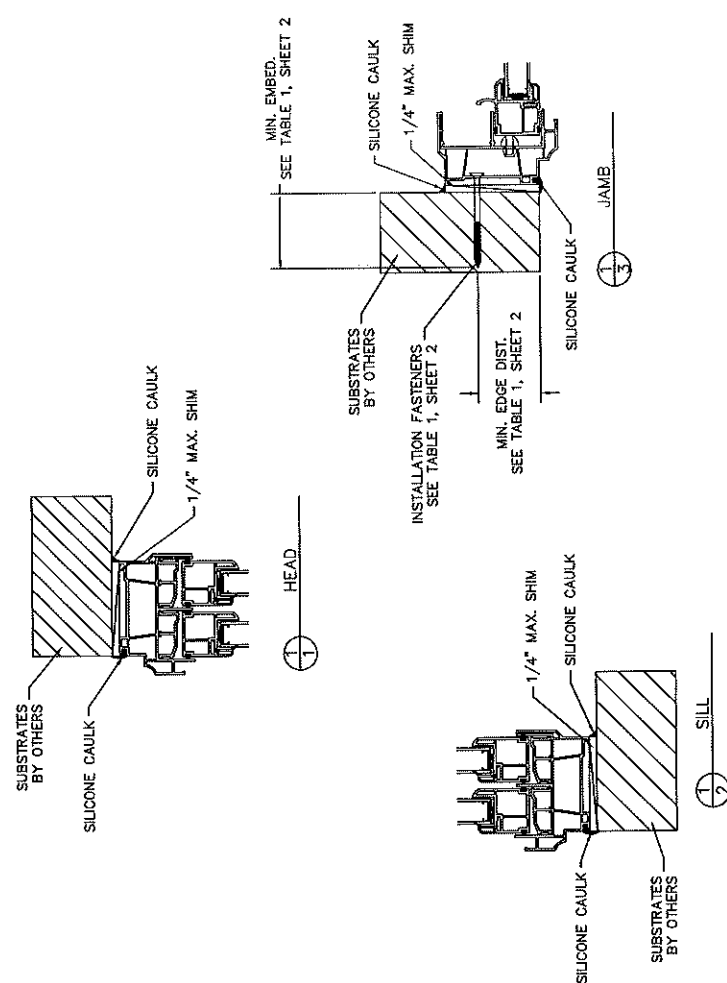
DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: XX

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	O.C. SPACING	DP RATING	
WIDTH "W"	"H"		
78"	63"	±25 PSF	
78"	63"	±40 PSF	
72"	48"	±45 PSF	
63"	48"	±55 PSF	



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MATERIAL	
FINISH:	AS NOTED
ALLOY & TEMPER:	AS NOTED
HEIGHT:	VOLUME:
SURFACE AREA:	PERIMETER:
FINISH TREATMENT:	

Dimensional Tolerances Unless Otherwise Specified	
Angles	
Decimals	
X ± .03	
XX ± .01	
XXX ± .005	

SIMONTON® W I N D O W S 1 Cochran Avenue Pensacola, WV 26115	
SCALE: 1 of 2	APPROVED BY: DATE:
SERIES: 75-75 / 07-09 / 07-10 / 07-20	
TITLE: 1X BUCK INSTALLATION	

FILE: PL 5173

REV.	#	REVISIONS	REVISED BY	DATE
4		UPDATED SIZES PER NEW TESTING AND ADDED NOTES 15 & 16	T.O.D.	12/05/11
5		UPDATED SIZES PER NEW TESTING	T.O.D.	03/19/14
6		ADDED MIN. EDGE DIST. NOTE.	B.J.S.	06/19/15
7		ADDED MULTIPLE SUBSTRATES & O.C.'S SIZE CHART	L.M.H.	11/27/17
8		UPDATED FOR 7TH EDITION (2020) FBC	L.M.H.	02/15/21

2/15/2021
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(COA # 287779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574



MODEL DESIGNATION: Simonton Horizontal Slider Series 07-75 / 07-09 / 07-10 / 07-20 / 75-09 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: XX

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

TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DISTANCE
A	CONCRETE (2 KSI MIN.)	3/16" ITW TAPCON	1-1/2"	1-1/8"
B	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
C	2X MIN. SOUTHERN PINE WOOD (G=0.55)	3/16" ITW TAPCON	1-3/8"	7/8"
D	2X MIN. SOUTHERN PINE WOOD (G=0.55)	#10 WOOD SCREW	1-3/8"	7/8"
E	16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN.	#10-16 ITW TEK'S SELF-DRILLING SCREW	FULL THREAD	1/2"
F	1/8" ALUM. 6063-15 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING/ DRILLING SCREW	FULL THREAD	1/2"

NOTES:

1. THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE OUTSIDE THE HVHZ, 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.
2. ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
3. ANCHOR TYPE, SIZE, SPACING, EMBEDMENT, AND EDGE DISTANCE SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE 1 ACCORDING TO SUBSTRATE TYPE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL ITW TAPCONS IN ANY DIRECTION.
4. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR MASONRY OPENINGS WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS. IF USED, AND INTO MASONRY SUBSTRATE. WOOD BUCKS WITH MASONRY ARE OPTIONAL.
5. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
6. 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.
7. SHIMS ARE REQUIRED WHERE GAPS OF GREATER THAN 1/16" EXIST BETWEEN OPENING AND FRAME. MAX. SHIM STACK IS 1/4". SHIMS SHALL BE LOAD-BEARING AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE.
8. WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
9. SEALING AND FLASHING BY OTHERS SHOULD BE APPLIED USING THE ASTM E 2112 METHODOLOGY APPROPRIATE FOR THE OPENING INTO WHICH THE PRODUCT IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS NOT ADDRESSED IN THIS DRAWING AND IS THE RESPONSIBILITY OF OTHERS.
10. GLAZING SHALL COMPLY WITH ASTM E 1300.
11. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.
12. A WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
13. PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS ATI-D2299.01-501-47, ATI-D2300.01-501-47, ATI-D2303.01-501-47-RI.
14. DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
15. USE A BACKER ROD ON ALL JOINTS >3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP.

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WIND FINISH:		WIND FINISH:	
ALLOY & TEMPER:		ALLOY & TEMPER:	
WEIGHT:		WEIGHT:	
SURFACE AREA:		SURFACE AREA:	
PERIMETER:		PERIMETER:	
DIRECTIONS: Tolerances Unless Otherwise Specified		DIRECTIONS: Tolerances Unless Otherwise Specified	
Angles		Angles	
Decimals		Decimals	
X ± .03		X ± .03	
XX ± .01		XX ± .01	
XXX ± .005		XXX ± .005	
SCALE: FIT		SCALE: FIT	
SHEET: 2 of 2		SHEET: 2 of 2	
CHECKED BY: DATE:		CHECKED BY: DATE:	
APPROVED BY: DATE:		APPROVED BY: DATE:	
SERIES: 07-75 / 75-09 / 75-10 / 75-20 SLIDER		SERIES: 07-75 / 75-09 / 75-10 / 75-20 SLIDER	
TITLE: 1X BUCK INSTALLATION		TITLE: 1X BUCK INSTALLATION	

REV. #	REVISIONS	REVISED BY	DATE
7	ADDED NOTE 10.	T.O.D.	01/09/12
8	UPDATED NOTES AND CALLOUTS.	T.O.D.	03/20/14
9	ADDED MIN. EDGE DIST. NOTES.	S.J.S.	05/17/15
10	ADDED NOTES 13 & 14 - AAMA 800	L.M.H.	04/14/17
11	UPDATED TO 7TH EDITION (2020) FRC	L.M.H.	02/16/21

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

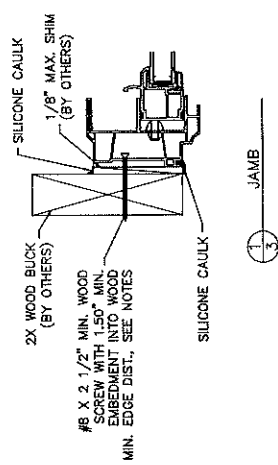
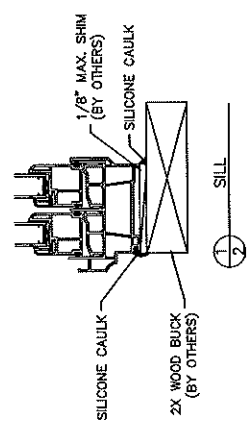
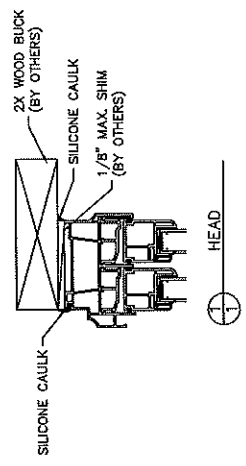
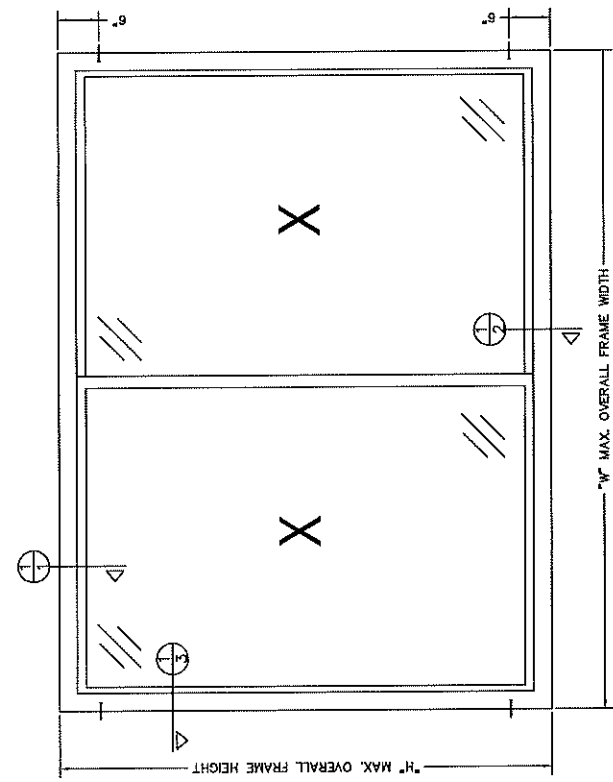
MODEL DESIGNATION:
Simonton Horizontal Slider Series 07-75 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:
See Size Chart

DESIGN PRESSURE RATING:
See Size Chart

USABLE CONFIGURATIONS:
XX

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:

- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE CURRENT 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 INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
- ANCHORS 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 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 1/8".
- WOOD BUCKS (BY OTHERS) MUST BE ENGINEERED AND ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. WOOD BUCKS SHALL BE SPRUCE-PINE-FIR. WOOD MINIMUM SPECIFIC GRAVITY = 0.42 PSI.
- WOOD SCREWS MUST BE AT LEAST GRADE 5 FOR UNITS WITH A DESIGN PRESSURE < 50 PSF, AND AT LEAST GRADE 8 FOR UNITS WITH A DESIGN PRESSURE RATING > 50 PSF.
- 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.
- DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- USE A BACKER ROD ON ALL JOINTS > 3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP.

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

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FINISH	FINISH	FINISH	FINISH
WOOD	WOOD	WOOD	WOOD
ALLOY & FINISH	ALLOY & FINISH	ALLOY & FINISH	ALLOY & FINISH
HEIGHT	HEIGHT	HEIGHT	HEIGHT
SURFACE AREA	SURFACE AREA	SURFACE AREA	SURFACE AREA
PERIMETER	PERIMETER	PERIMETER	PERIMETER
FINISH TREATMENT	FINISH TREATMENT	FINISH TREATMENT	FINISH TREATMENT

Dimensional Tolerances Unless Otherwise Specified	Angles	Decimals	Angles
		X ± .03	0° 30 min.
		XXX ± .005	

SIZE/DRAWING NO.: B 11	INDUSTRY: 11
DRAWN BY: J.D.S.	CHECKED BY: DATE
1 Cochrane Avenue	1 of 1
Ponabehn, WY 26415	07-75 HORIZONTAL SLIDER
SHEET: 1 of 1	DATE: 02/16/21
SCALE: FIT	DATE: 02/16/21
SERIES: 07-75 HORIZONTAL SLIDER	TITLE: 2X BUCK INSTALLATION



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #

Application Type

Code Version

Application Status

FL14787-R4

Affirmation

2020

Approved

FL14787.1

NON-IMPACT MULLIONS

Comments

Archived



Product Manufacturer

Address/Phone/Email

Simonton

5020 Weston Parkway

Suite 300

Cary, NC 27513

(614) 307-3278

luanne.harris@cornerstone-bb.com

Authorized Signature

Luanne Harris

luanne.harris@cornerstone-bb.com

Technical Representative

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Luanne Harris

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Suite 200

Columbus, OH 43219

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luanne.harris@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

☒ Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

Lucas A. Turner

Florida License

PE-58201

Quality Assurance Entity

Architectural Testing, Inc., an Intertek Company

Quality Assurance Contract Expiration Date

12/31/2023

Validated By

Scott Wolters, PE

☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL14787 R4_COI_EvalReport-RM0015Br7.pdf](#)

Referenced Standard and Year (of Standard)

Equivalence of Product Standards
Certified By

☒ I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity ☐ Yes ☐ No ☐ N/A

[FL14787 R4 COC 7thEdFBC-FL14787.pdf](#)

Product Approval Method

Method 2 Option B

Date Submitted

10/01/2020

Date Validated

10/01/2020

Date Pending FBC Approval

Date Approved

10/08/2020

Summary of Products

FL #	Model, Number or Name	Description
14787.1	Reinforced Stand Alone Mullions Non-Impact	Extruded Vinyl Mullions with Aluminum Reinforcement
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Design pressure ratings vary by unit and mullion size. See installation drawings for applicable design pressure rating.		Installation Instructions FL14787 R4 II RM0015Br7.pdf Verified By: Lucas A.Turner PE #58201 Created by Independent Third Party: Yes Evaluation Reports FL14787 R4 AE EvalReport-RM0015Br7.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

[Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824](#)

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Product Approval Accepts:



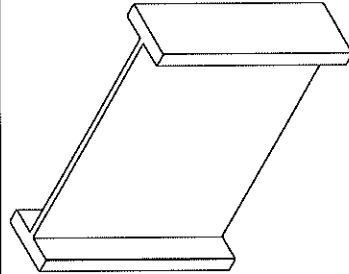
Credit Card
Safe

SECURITYMETRICS

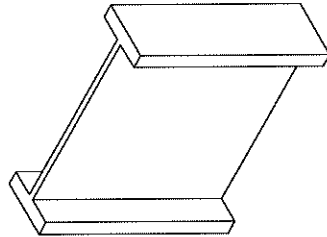
EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

REVISIONS

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2007 Florida Building Code, Added Sheet 11.	01/20/2012	CAP
5	Updated per ratings chart and added new mullion covers.	06/20/2012	T.O.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LWH



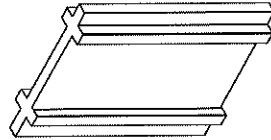
LARGE MULLION
REINFORCEMENT CM0146
ALUMINUM 6063-T6



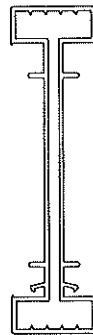
LARGE MULLION
REINFORCEMENT #16991
ALUMINUM 6063-T6



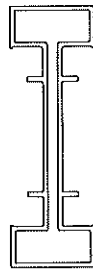
MEDIUM MULLION
REINFORCEMENT #16990
ALUMINUM 6063-T6



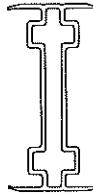
MEDIUM MULLION
REINFORCEMENT #20634
ALUMINUM 6063-T6



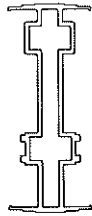
5000 FIN & J FRAME VINYL
H-MULLION COVER #VPI-573
EXTRUDED VINYL 0.071" MIN.



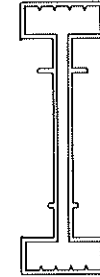
PROFINISH LARGE VINYL
H-MULLION COVER #VPI-560
EXTRUDED VINYL 0.079" MIN.



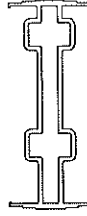
PROFINISH MEDIUM VINYL
H-MULLION COVER #VPI-346A
EXTRUDED VINYL 0.071" MIN.



RETROFIT MEDIUM VINYL
H-MULLION COVER #VPI-436
EXTRUDED VINYL 0.070" MIN.



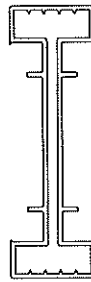
RETROFIT LARGE VINYL
H-MULLION COVER #VPI-354
EXTRUDED VINYL 0.071" MIN.



4000 SERIES MEDIUM VINYL
H-MULLION COVER #MPO347
EXTRUDED VINYL 0.070" MIN.

PRODUCT DESCRIPTION:

- RODUCT DESCRIPTION.**
1. ALL MULLION REINFORCEMENTS ARE EXTRUDED ALUMINUM 6063-T6.
 2. ALL MULLION COVERS ARE EXTRUDED VINYL. SEE ABOVE FOR INDIVIDUAL MULLION THICKNESS.



4000 SERIES LARGE VINYL
H-MULLION COVER #VPI-354A
EXTRUDED VINYL 0.071" MIN.

TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	INDIVIDUAL MULLION APPLICATIONS
2	DESIGN PRESSURES FOR REINFORCEMENT CM0145
3	DESIGN PRESSURES FOR REINFORCEMENT 19991
4	DESIGN PRESSURES FOR REINFORCEMENT 19990
5	DESIGN PRESSURES FOR REINFORCEMENT 20634
6	MULLION ATTACHMENT AND ANCHORING
7	MULLION CROSS SECTIONS-WOOD FRAME SUBSTRATE
8	MULLION CROSS SECTIONS-MASONRY/CONCRETE SUBSTRATE

GENERAL NOTES:

- GENERAL NOTES:
1. THE FOUR (4) MILLION PRODUCTS MEET THE CURRENT FLORIDA BUILDING CODE SECTION 1709.8, INCLUDING L/175 DEFLECTION LIMIT, LOAD TRANSFER, AND FIBERSTRESS ANALYSES IN THE DESIGN PRESSURES SHOWN IN THE TABLES IN THIS DRAWING. THE ANALYSES DID NOT ADDRESS AIR OR WATER INFILTRATION. OVERALL WINDOW ASSEMBLY ALLOWABLE DESIGN PRESSURES SHALL BE THE LOWER OF THE MILLION PER THIS APPROVAL OR THE SIMONTON WINDOWS PER SEPARATE PRODUCT APPROVAL.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN HEREIN.

[illegible]

SIMONTON
1 OGDHANE AVE. FENSBURG, WY 25413
PH. 800-428-2248

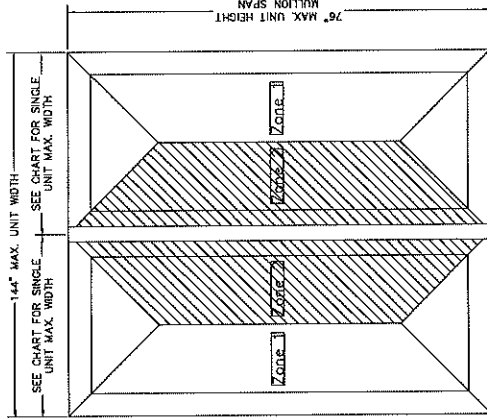
EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

REVISIONS

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, Added General Notes 3 and 4.	01/20/2012	CAP
5	Updated per 2012 Florida Building Code, Added new mullion covers.	06/20/2012	T.D.O.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

TABLE A -- MAXIMUM DESIGN PRESSURES (PSF)
MULLION # CM0146

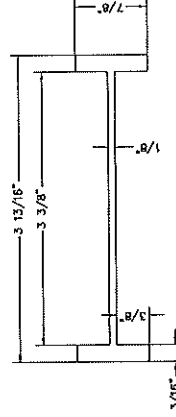
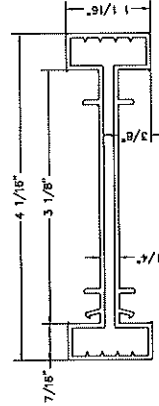
		Individual Unit Width																	
		24	28	32	36	40	44	48	52	56	60	64	68	72					76
Mullion Length	40	75	75	75	75	75	75	75	75	75	75	75	75	75					75
	44	75	75	75	75	75	75	75	75	75	75	75	75	75					75
52	48	75	75	75	75	75	75	75	75	75	75	75	75	75					75
	56	75	75	75	75	75	75	75	75	75	75	75	75	75					75
60	60	75	75	75	75	75	75	75	75	75	75	75	75	75					75
	64	75	75	75	75	75	75	75	75	75	75	75	75	75					75
68	68	75	75	75	75	75	75	75	75	75	75	75	75	75					75
	72	75	75	75	75	75	75	75	75	75	75	75	75	75					75
76	80	75	75	75	75	75	75	75	75	75	75	75	75	75					75
	84	75	75	75	75	75	75	75	75	75	75	75	75	75					75
88	88	75	75	75	75	75	75	75	75	75	75	75	75	75					75
	92	75	75	75	75	75	75	75	75	75	75	75	75	75					75
96	96	75	75	75	75	75	75	75	75	75	75	75	75	75					75
	100	75	75	75	75	75	75	75	75	75	75	75	75	75					75



MAXIMUM SINGLE WINDOW WIDTH

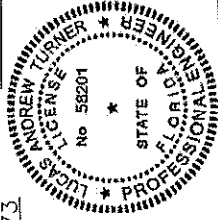
WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	58"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS



ALL FIN & J FRAMES H-MULLION
LARGE VINYL MULLION COVER #VPI-573
EXTRUDED VINYL .071\" MIN.

LARGE MULL REINFORCEMENT #CM0146
ALUMINUM 6063-T6

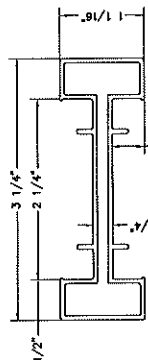
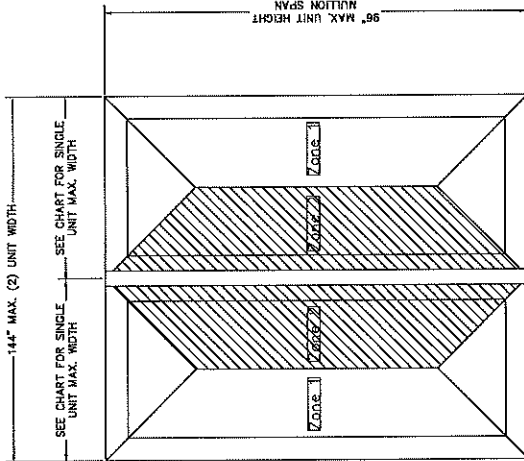


DATE: 10/03/2017	BY: LMH
CHECKED: 10/03/2017	DATE: 10/03/2017
DESIGNED: 10/03/2017	DATE: 10/03/2017
PROJECT: 10/03/2017	DATE: 10/03/2017
REVISIONS:	

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

SIMONTON
 1 CORDAINE AVE. PENNSBURG, WV 26115
 PH. 800-435-2249

**EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES**



PROFINISH H-MULLION
LARGE VINYL MULLION COVER #VPI-560
EXTRUDED VINYL .079\"

MAXIMUM SINGLE WINDOW WIDTH

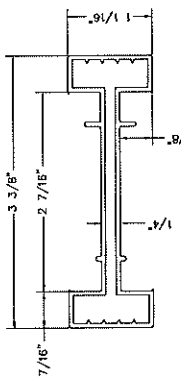
WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	56"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS

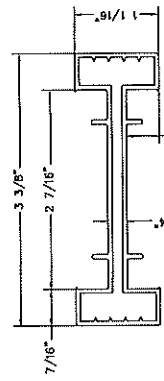
SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

TABLE B - MAXIMUM DESIGN PRESSURES (PSF)
MULLION #16991

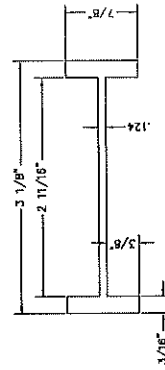
Mullion Length	Individual Unit Width															
	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
64	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
68	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
72	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
80	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
84	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
88	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
92	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
96	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75



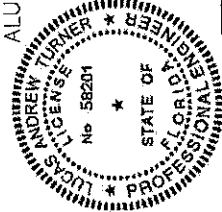
RETROFIT H-MULLION
LARGE VINYL MULLION COVER #VPI-354
EXTRUDED VINYL .071\"



4000 SERIES RETROFIT H-MULLION
LARGE VINYL MULLION COVER #VPI-354
EXTRUDED VINYL .071\"



LARGE MULL REINFORCEMENT #16991
ALUMINUM 6063-T6



SIMONTON
 1 CORDAINE AVE. PENNSBURG, WV 26115
 PH. 800-435-2249

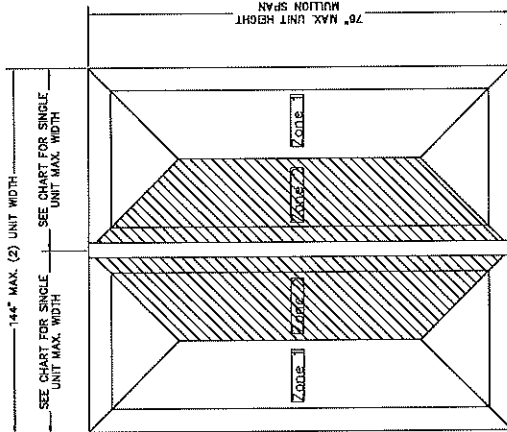
EXTRUDED NON-IMPACT VINYL MULLIONS

SIMONTON
 1 CEDARHURST AVE. PENNSBORO, NJ 08851
 P.O. BOX 438-2240
 EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES

REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes and 1.	01/20/2012	CAP
5	Updated for mullions chart and added new mullion sizes.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

TABLE C - MAXIMUM DESIGN PRESSURES (PSF)
 MULLION #16990

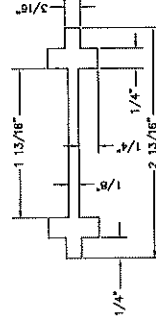
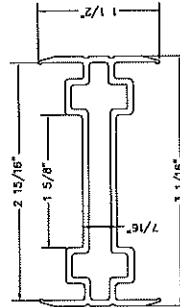
		Individual Unit Width															
		24	28	32	36	40	44	48	52	56	60	64	68	72			
Mullion Length	40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
	44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
	48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
	52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
	56	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
	60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
	64	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
	68	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
		72	76	80	84	88	92	96	100	104	108	112	116	120			
		75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75



MAXIMUM SINGLE WINDOW WIDTH

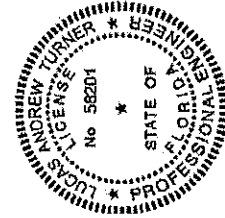
WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS



MEDIUM H-MULLION VINYL COVER #V346A
 ALL NEW CONSTRUCTION
 EXTRUDED VINYL .071" MIN.

MEDIUM MULL REINFORCEMENT #16990
 ALUMINUM 6063-T6

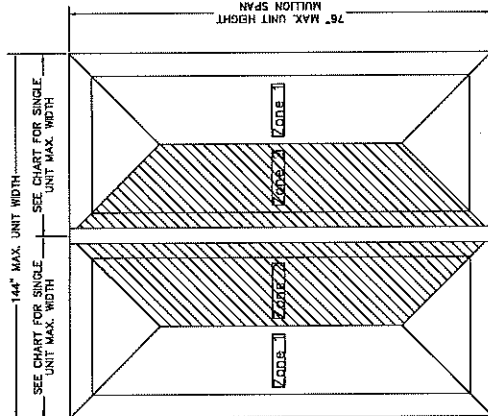


10/03/2017	LMH	Updated Note 1, Sheet 1
04/25/2015	LAT	Revised per 5th Ed. (2014) FBC
06/20/2012	T.D.D.	Updated for mullions chart and added new mullion sizes.
01/20/2012	CAP	Revised per 2010 Florida Building Code, updated general notes and 1.
04/15/2011	JRM	Revised per 2007 Florida Building Code, Added Sheet 8.

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.


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EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES



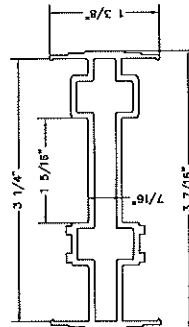
MAXIMUM SINGLE WINDOW WIDTH

WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

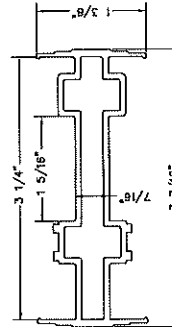
MULLION TRIBUTARY WIDTH = SUM OF ZONE 2 WINDOW WIDTHS

TABLE D - MAXIMUM DESIGN PRESSURES (PSF)
 MULLION # 20634

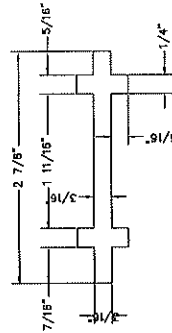
Mullion Length	Individual Unit Width															
	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
64	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
68	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
72	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75



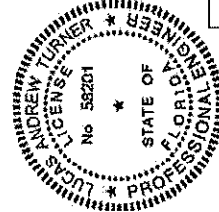
MEDIUM H-MULLION VINYL COVER #VPI-436
 FOR ANY RETROFIT HOOKED FRAME
 EXTRUDED VINYL .070" MIN.



MEDIUM H-MULLION VINYL COVER #VPI-436
 FOR ANY RETROFIT HOOKED FRAME
 EXTRUDED VINYL .070" MIN.



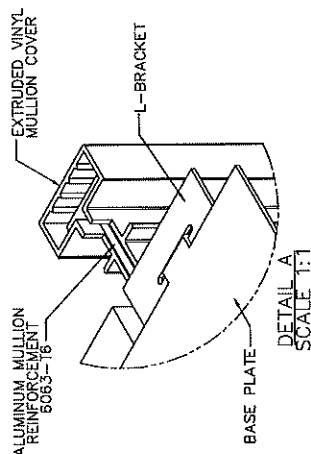
MEDIUM MULL REINFORCEMENT #20634
 ALUMINUM 6063-T6



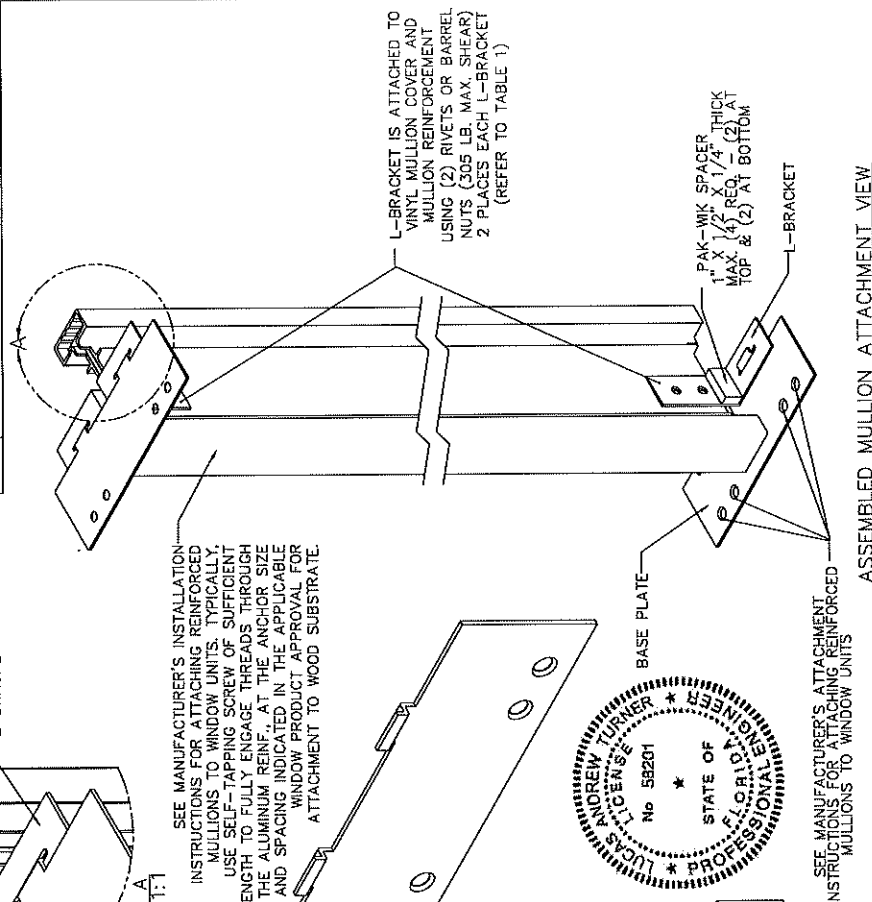
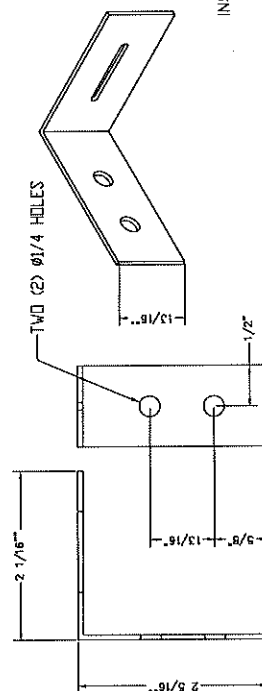
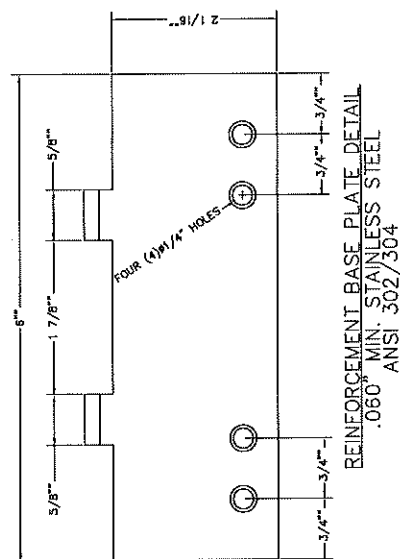
27	SIMONTON	10/03/2017	10/03/2017
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, Updated referenced sheet, added new mullion covers.	01/20/2012	CAP
5	Updated per 2012 Florida Building Code, added new mullion covers.	06/20/2012	T.O.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

REVISIONS				
REV.	DESCRIPTION	DATE	BY	
3	Revised per 2007 Florida Building Code, 2010 Florida Building Code, updated general notes shif.	04/15/2011	JRM	
4	Code, updated general notes shif. 1	01/20/2012	CAP	
5	Updated DP ratings chart and added new multi-lift covers.	06/20/2012	T.O.D.	
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT	
7	Updated Note 1, Sheet "1	10/03/2017	LMH	



SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ATTACHING TYPICALLY, MILLIONS, TO WINDOW UNITS. FORMALLY, USE SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO FULLY ENGAGE THREADS THROUGH THE ALUMINUM REINF. AT THE ANCHOR SIZE AND SPACING INDICATED IN THE APPLICABLE WINDOW PRODUCT APPROVAL FOR ATTACHMENT TO WOOD SUBSTRATE.



ASSEMBLED MULLION ATTACHMENT VIEW

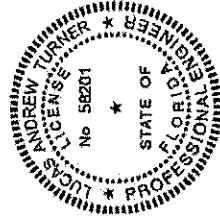
TABLE 1 - MILLION ATTACHING HARDWARE	
RIVET	.25 DIA. STEEL RIVET WITH A GRIP LENGTH OF .50 MAX.
BARREL NUT	#10-24 OR #10-32 STAINLESS STEEL BARREL NUT.
250 0 0 X	25" LG WITH 125 MIN ENGAGEMENT

REINFORCEMENT L-BRACKET
0.076" MIN. STAINLESS STEEL
ANSI 302/304

- NOTES:
1. WOOD FRAME: USE (4) #10 X 1 3/4" WOOD SCREWS AT THE HEAD AND SILL THROUGH BASE PLATES. WITH 1-1/2" MINIMUM EMBEDMENT INTO WOOD FOR MULLION ATTACHMENT. SEE SHEET 7 FOR DETAILS.
 2. MASONRY/CONCRETE: USE (2) ITW UTRACON OR ELCO UTRACON ANCHORS AT HEAD AND SILL THROUGH BASE PLATES. SEE SHEET 8 FOR DETAILS.
 3. TWO (2) RIVETS OR BARREL NUTS ARE REQUIRED TO ATTACH L-BRACKETS TO ALUMINUM MULLION. SEE TABLE 1 (THIS SHEET).

[illegible]

REVISIONS				
REV.	DESCRIPTION	DATE	BY	
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM	
4	Revised per 2010 Florida Building Code, updated general notes and added DP ratings chart and added new mulch covers.	01/20/2012	CAP	
5	Updated DP ratings chart and added new mulch covers.	06/20/2012	T.D.D.	
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT	
7	Updated Note 1, Sheet 1	10/03/2017	LMH	

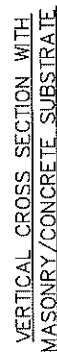


NOTES:

1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HVHZ.
2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
3. ANCHORS SHALL HAVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD AND 7/8" MINIMUM WOOD EDGE DISTANCE.
4. ATTACHMENT OF ALL 2X TREATED WOOD BUCKS SHALL BE ENGINEERED SEPARATELY BY OTHERS.
5. WOOD SHALL BE TREATED 2X SPRUCE, PINE, OR FIR.
6. #10 WOOD SCREWS SHALL BE STEEL CONFORMING TO ASTM A 653.
7. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
8. SIMILAR INSTALLATIONS ARE USED ON HEAD AND SILL.

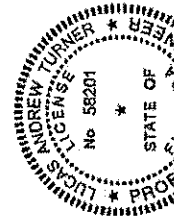
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REVISIONS				
REV.	DESCRIPTION	DATE	BY	
3	Revised per 2007 Florida Building Code, updated general notes and added new multi-lift covers.	04/15/2011	JRM	
4	Revised per 2010 Florida Building Code, updated general notes and added new multi-lift covers.	01/20/2012	CAP	
5	Updated DP ratings chart and added new multi-lift covers.	05/20/2012	T.D.D.	
6	Revised per 5th ed. (2014) FBC	04/25/2015	LAT	
7	Updated Note 1, Sheet 1	10/03/2017	LMH	



NOTES:
1. THE MILLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO

1. THE MOLDING PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO THE USE OUTSIDE THE HVJLZ.
2. THE ANCHORS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
3. ANCHORS IN GROUT-FILLED CMU BLOCK (ASTM C-90 COMPLIANT) SHALL BE 1 3/8" ELCO ULTRACONS WITH 1 3/8" MIN. EMBED. TO BLOCK, AND 1" MIN. EDGE DIST. ANCHORS IN SOLID CONCRETE (2.85 KSI MIN.) SHALL BE 3/16" ITW TAPCONS OR 1/4" ELCO ULTRACONS WITH 1 3/4" MIN. EMBED. TO CONCRETE, WITH 8" MIN. EDGE DIST.
4. ANCHORS IN GROUT-FILLED WOOD BLOCKS SHALL BE ENGINEERED SEPARATELY BY OTHERS.
5. WOOD SHALL BE TREATED 2X SPRUCE PINE OR FIR.
6. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
7. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.

[illegible]