

10965672

Columbia County Remodel Permit Application

For Office Use Only Application # 44782 Date Received 3/20 By mg Permit # 39504

Zoning Official _____ Date _____ Flood Zone _____ Land Use _____ Zoning _____

FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner _____ Date _____

Comments _____

☒ NOC ☒ Deed or PA ☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor

☐ F W Comp. letter ☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☐ App Fee Paid

☒ Site Plan ☐ Env. Health Approval _____ ☐ Sub VF Form

Applicant (Who will sign/pickup the permit) Christine O'Malley Fax _____ Phone 727-967-0646

Address 9208 Florida Palm Dr Tampa, FL 33619

Owners Name Stephen Roberts Phone 386-466-6050

911 Address 181 Charlotte Glen, Lake City, FL 32055

Contractors Name The Home Depot Arthur Francis Phone 727-637-8400

Address 9208 Florida Palm Drive, Tampa, FL 33619

Contractor Email tim.omalley@expeditepermit.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address _____

Mortgage Lenders Name & Address _____

Circle the correct power company ☐ FL Power & Light ☐ Clay Elec. ☐ Suwannee Valley Elec. ☐ Duke Energy

Property ID Number 28-3S-16-02372-381 Estimated Construction Cost 7947.00

Subdivision Name Emerald Lakes Lot 81 Block _____ Unit _____ Phase _____

Driving Directions from a Major Road _____

Construction of Replace 7 windows size for size _____ Commercial OR XX Residential

Type of Structure (House; Mobile Home; Garage; Exxon) House

Use/Occupancy of the building now _____ Is this changing _____

If Yes, Explain, Proposed Use/Occupancy _____

Is the building Fire Sprinkled? _____ If Yes, blueprints included _____ Or Explain _____

Entrance Changes (Ingress/Egress) _____ If Yes, Explain _____

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) _____

Columbia County Building Permit Application

10965672

CODE: Florida Building Code 2017 6th Edition and the 2014 National Electrical Code.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within **180** days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING. CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

STEPHEN A. ROBERTS

Print Owners Name

[Signature]

Owners Signature

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

[Signature]

Contractor's Signature

Contractor's License Number CSC061641
Columbia County
Competency Card Number 2081 ✓

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 14 day of MARCH 2020.

Personally known Richard A. Chandler or Produced Identification Driver's License

[Signature]

State of Florida Notary Signature (For the Contractor)

SEAL:



Columbia County Property Appraiser

Jeff Hampton

2020 Working Values

updated: 3/9/2020

Parcel: << 28-3S-16-02372-381 >>

Owner & Property Info

Result: 1 of 1

Owner	ROBERTS STEPHEN A & ROSALINDA T ROBERTS 181 NW CHARLOTTE GLN LAKE CITY, FL 320557309		
Site	181 CHARLOTTE GLN, LAKE CITY		
Description*	LOT 81 EMERALD LAKES PHASE 3. ORB 814-1147, 907-183, 923-1415, 973-885.		
Area	0.51 AC	S/T/R	28-3S-16
Use Code**	SINGLE FAM (000100)	Tax District	2

*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.

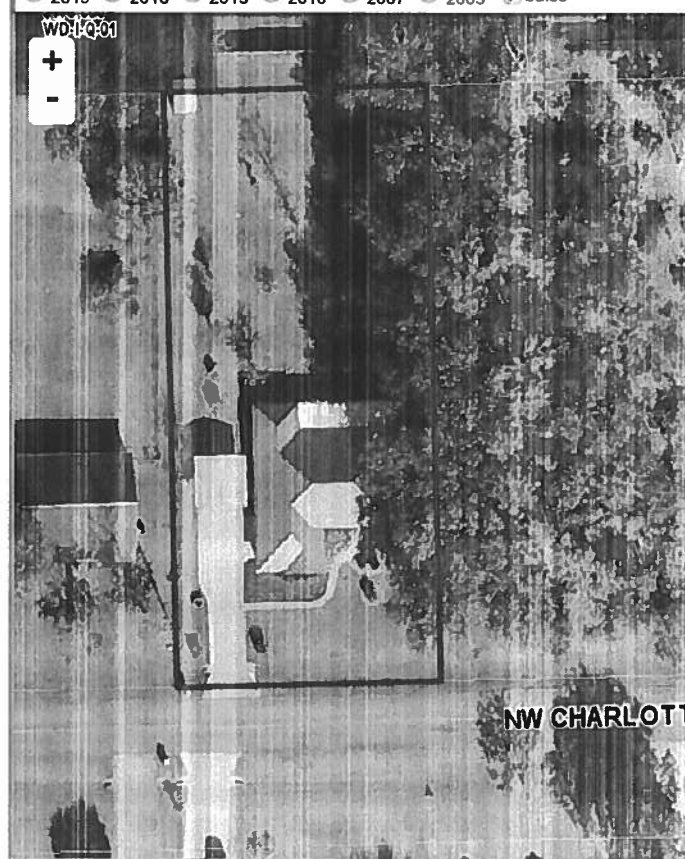
**The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Property & Assessment Values

2019 Certified Values		2020 Working Values	
Mkt Land (1)	\$16,000	Mkt Land (1)	\$16,000
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (1)	\$139,402	Building (1)	\$142,241
XFOB (3)	\$2,658	XFOB (3)	\$2,658
Just	\$158,060	Just	\$160,899
Class	\$0	Class	\$0
Appraised	\$158,060	Appraised	\$160,899
SOH Cap [?]	\$13,142	SOH Cap [?]	\$12,648
Assessed	\$144,918	Assessed	\$148,251
Exempt	HX H3 \$50,000	Exempt	HX H3 \$50,000
Total Taxable	county:\$94,918 city:\$94,918 other:\$94,918 school:\$119,918	Total Taxable	county:\$98,251 city:\$98,251 other:\$98,251 school:\$123,251

Aerial Viewer Pictometry Google Maps

2019 2016 2013 2010 2007 2005 Sales



Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
1/28/2003	\$138,000	973/0885	WD	I	Q	
3/28/2001	\$119,000	923/1415	WD	I	Q	
7/24/2000	\$17,500	907/0183	WD	V	Q	

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	1	SINGLE FAM (000100)	2001	1766	2480	\$139,402

*Bldg Desc determinations are used by the Property Appraisers office solely for the purpose of determining a property's Just Value for ad valorem tax purposes and should not be used for any other purpose.

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2001	\$1,358.00	1293.000	0 x 0 x 0	AP (030.00)
0296	SHED METAL	2007	\$500.00	1.000	0 x 0 x 0	(000.00)
0060	CARPOT F	2017	\$800.00	1.000	0 x 0 x 0	(000.00)

Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000100	SFR (MKT)	1.000 LT - (0.510 AC)	1.00/1.00 1.00/1.00	\$16,000	\$16,000

Search Result: 1 of 1

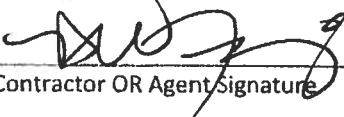
10965472

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Simonton	6500	5167.15
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	Simonton	6500	5177.4
E. MULLION	Simonton	Mull	14787.1
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

 3-18-20
Contractor OR Agent Signature Date

NOTES: _____

10965672



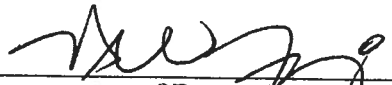
Date: 3/18/20

Job Address - 181 NW Charlotte Gln

To Whom It May Concern:

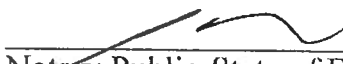
This letter will authorize the following person(s) to act as agent(s) on behalf of Arthur Wayne Francis, CGC061641 of Home Depot U.S.A., Inc. 2455 Paces Ferry Rd. Atlanta, GA 30339 to submit for and obtain permits with respect to the installation/inspections maintenance and repair of windows, doors and storm protection.

Authorized person(s):	Tim O'Malley	Aaron Hallich
	Brian Kirby	David Weed
	Erick Dedios	Christine O'Malley


Contractor of Record- Arthur Wayne Francis
Home Depot U.S.A., Inc.

STATE OF FLORIDA
COUNTY OF

The foregoing instrument was acknowledged before me this 18 day of March, 2020, by Arthur Wayne Francis.

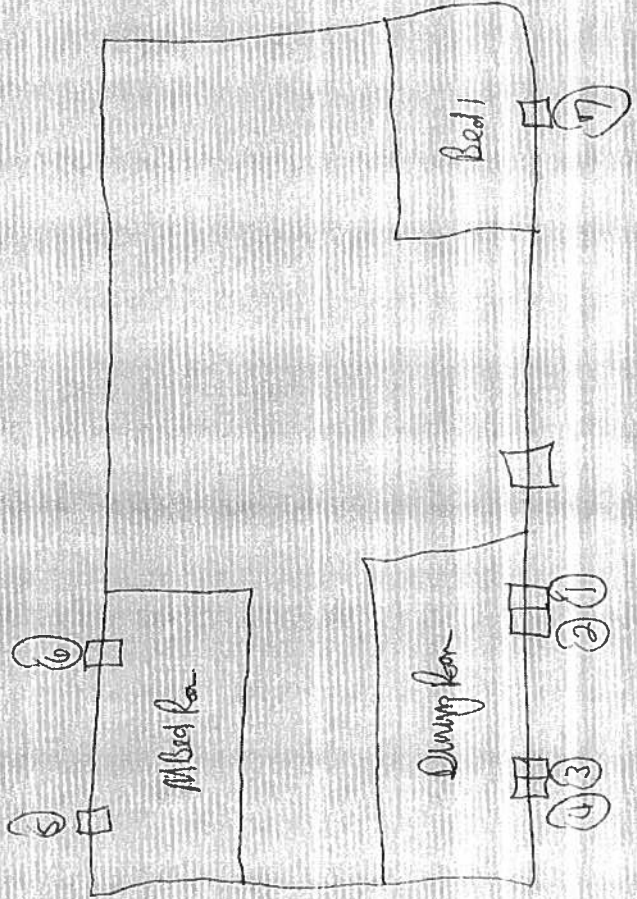

Notary Public-State of Florida
My Commission Expires:
Is Personally Known X Or Produced Identification
Type of Identification Produced _____

(Seal)


Aaron Hallich
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG951577
Expires 1/27/2024

Robots

Drawing





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Product Approval
USER: Public User

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

FL #

FL14787-R3

Application Type

Revision

Code Version

2017

Application Status

Approved

Comments

Archived

Product Manufacturer

Simonton Windows

Address/Phone/Email

3948 Townsfair Way
Columbus, OH 43219
(614) 532-3596
luanne.harris@simonton.com

Authorized Signature

Luanne Harris
luanne.harris@simonton.com

Technical Representative

Luanne Harris

Address/Phone/Email

3948 Townsfair Way
Suite 200
Columbus, OH 43219
(614) 532-3596
luanne.harris@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

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.

Quality Assurance Contract Expiration Date

12/31/2020

Validated By

Scott Wolters, PE

✱ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL14787_R3_COI_EvalReport-RM0015Br7.pdf](#)

Referenced Standard and Year (of Standard)

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 2 Option B

Date Submitted

10/12/2017

Date Validated

10/18/2017

Date Pending FBC Approval

10/20/2017

Date Approved

12/12/2017

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 R3 II RM0015Br7.pdf Verified By: Lucas A.Turner PE #58201 Created by Independent Third Party: Yes Evaluation Reports FL14787 R3 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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Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:

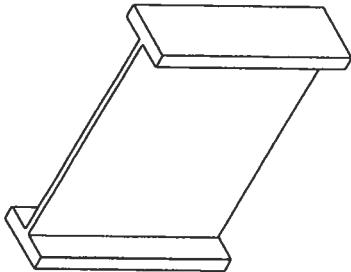


Credit Card

Safe

securitymetrics

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



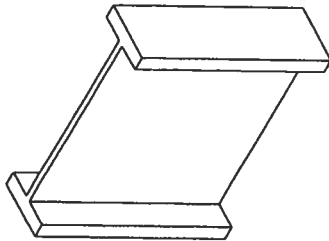
LARGE MULLION
REINFORCEMENT CM0146
ALUMINUM 6063-T6



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

PRODUCT DESCRIPTION:

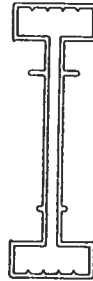
1. ALL MULLION REINFORCEMENTS ARE EXTRUDED ALUMINUM 6063-T6.
2. ALL MULLION COVERS ARE EXTRUDED VINYL. SEE ABOVE FOR INDIVIDUAL MULLION THICKNESS.



LARGE MULLION
REINFORCEMENT #16991
ALUMINUM 6063-T6



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



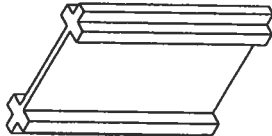
RETROFIT LARGE VINYL
H-MULLION COVER #VPI-354
EXTRUDED VINYL 0.071" MIN.



4000 SERIES LARGE VINYL
H-MULLION COVER #VP1 - 354A
EXTRUDED VINYL 0.071" MIN.

MULLIONS MEET THE REQUIREMENTS OF THE CURRENT
FLORIDA BUILDING CODE.

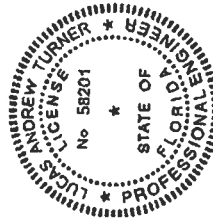
REVISIONS				
REV.	DESCRIPTION	DATE	BY	
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM	
4	Revised per 2010 Florida Building Code, updated general notes sh.1.	01/20/2012	CAP	
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.	
6	Revised per 5th Ed. (2014)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



MEDIUM MULLION
REINFORCEMENT #16990
ALUMINUM 6063-T6



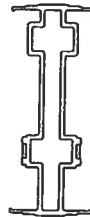
PROFINISH MEDIUM VINYL
H-MULLION COVER #VPI-346A
EXTRUDED VINYL 0.071" MIN.



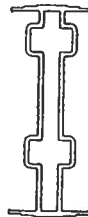
Lucas
Turner
2017-10-18
11:15+20:00



MEDIUM MULLION
REINFORCEMENT #20634
ALUMINUM 6063-T6



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



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

GENERAL NOTES:

1. THE FOUR (4) MULLION 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 MULLION PER THIS APPROVAL OR THE SIMONTON WINDOWS PER SEPARATE PRODUCT APPROVAL.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN HEREIN.
- | | | | |
|--|----------|----------|----|
|  SIMONTON | REV. NO. | DATE | BY |
| | 1 | 08/15/17 | AW |
| | | DATE | BY |
| | | 08/15/17 | AW |

TABLE OF CONTENTS	
SHT	DESCRIPTION
1	INDIVIDUAL MULLION APPLICATIONS
2	DESIGN PRESSURES FOR REINFORCEMENT CM0146
3	DESIGN PRESSURES FOR REINFORCEMENT 16991
4	DESIGN PRESSURES FOR REINFORCEMENT 16990
5	DESIGN PRESSURES FOR REINFORCEMENT 20634
6	MULLION ATTACHMENT AND ANCHORING
7	MULLION CROSS SECTIONS—WOOD FRAME SUBSTRATE
8	MULLION CROSS SECTIONS—MASONRY FRONTS, SECTIONS 101

[illegible]

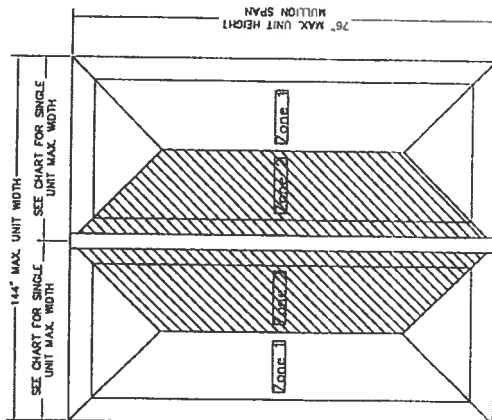
SILMONTON
CORRANE AVE. FORDSGOOD, WV 26415
PH. 800-438-2740

REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Addendum B.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sh.1.	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	LMH

TABLE A -- MAXIMUM DESIGN PRESSURES (PSF)

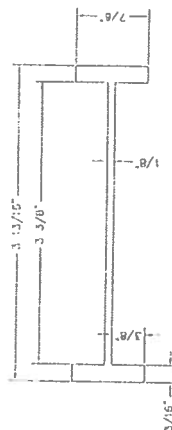
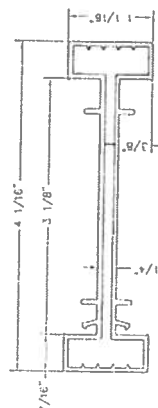
MULLION # CM0145

Million Length	Individual Car Width												
	24	28	32	36	40	44	48	52	56	60	64	68	72
40	35	38	42	46	50	54	58	62	66	70	74	78	82
44	39	42	46	50	54	58	62	66	70	74	78	82	86
48	43	46	50	54	58	62	66	70	74	78	82	86	90
52	47	50	54	58	62	66	70	74	78	82	86	90	94
56	51	54	58	62	66	70	74	78	82	86	90	94	98
60	55	58	62	66	70	74	78	82	86	90	94	98	102
64	59	62	66	70	74	78	82	86	90	94	98	102	106
68	63	66	70	74	78	82	86	90	94	98	102	106	110
72	67	70	74	78	82	86	90	94	98	102	106	110	114
76	71	74	78	82	86	90	94	98	102	106	110	114	118
80	75	78	82	86	90	94	98	102	106	110	114	118	122
84	79	82	86	90	94	98	102	106	110	114	118	122	126
88	83	86	90	94	98	102	106	110	114	118	122	126	130
92	87	90	94	98	102	106	110	114	118	122	126	130	134
96	91	94	98	102	106	110	114	118	122	126	130	134	138
100	95	98	102	106	110	114	118	122	126	130	134	138	142



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



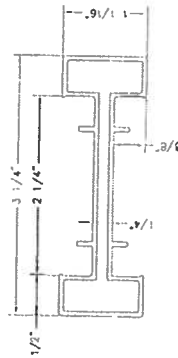
ALL FIN & J FRAMES H-MULLION
LARGE VINYL MULLION COVER #VPI-573
EXTRUDED VINYL .071" VIN

LARGE MULL REINFORCEMENT #CMO:46
ALUMINUM 6053-T6

[illegible]

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

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



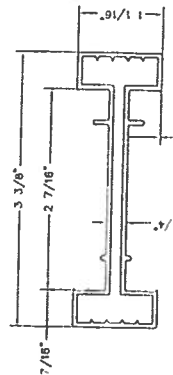
PROFINISH H-MULLION
LARGE VINYL MULLION COVER #VP1-560
EXTRUDED VINYL .079" MIN

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

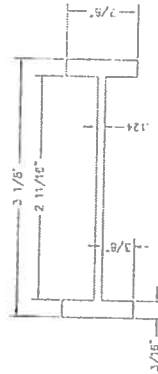
MULLION TRIEBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS

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

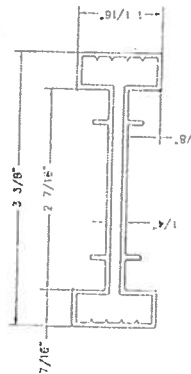
TABLE B -- MAXIMUM DESIGN PRESSURES (PSF)
MULLION #16991

[illegible]

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



LARGE MULTI REINFORCEMENT #16991
ALUMINUM 6063-T6



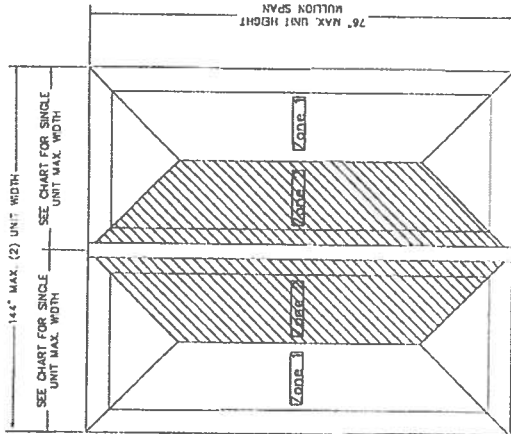
4000 SERIES RETROFIT H-MULLION
LARGE VINYL MULLION COVER #VP1-354
EXTRUDED VINYL .071" MIN

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 sh1.	01/20/2012	CAP	
5	Updated BP ratings chart and added new mullion 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	

[illegible]

SIMONTON
 1 COOKE AVE. PARKERSBURG, WV 26103
 PH. 800-638-3240

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



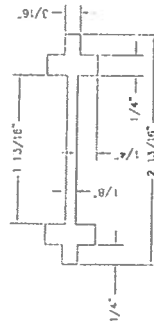
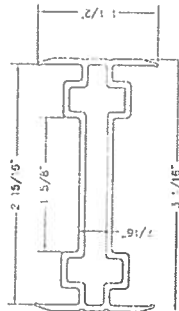
MAXIMUM SINGLE WINDOW WIDTH

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

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

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 #V345A
 ALL NEW CONSTRUCTION
 EXTRUDED VINYL .071" MIN.**

**MEDIUM MULL REINFORCEMENT #16990
 ALUMINUM 6063-T6**

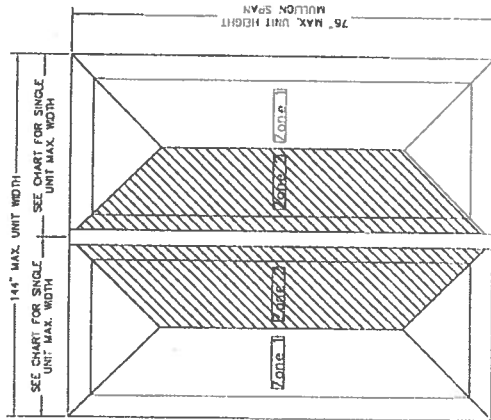


REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sheet 1.	01/20/2012	CAP
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015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

SEE NOTES SHEETS 5, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

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 1000 W. 10th St., Suite 100
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 Fax: 602-438-2219

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

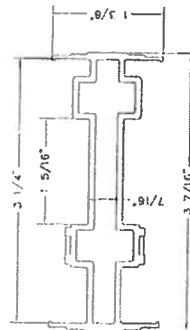


MAXIMUM SINGLE WINDOW WIDTH	
WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	55"
HORIZONTAL SLIDER	72"
CASEMENT	38"
FIXED	96"

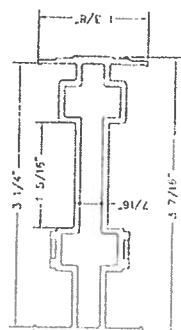
MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS

**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			
40	75	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	75
48	75	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	75
56	75	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	75
64	75	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	75
72	75	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	75

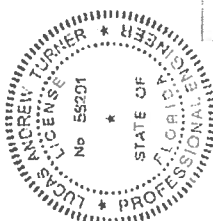


**MEDIUM H-MULLION VINYL COVER #VFI-436
 FOR ANY RETROFIT HOOKED FRAME
 EXTRUDED VINYL .070" MIN.**



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

**MEDIUM MULL REINFORCEMENT #20634
 ALUMINUM 5053-15**



SIMONTON
 1000 W. 10th St., Suite 100
 Phoenix, AZ 85003-2219
 Tel: 602-438-2219
 Fax: 602-438-2219

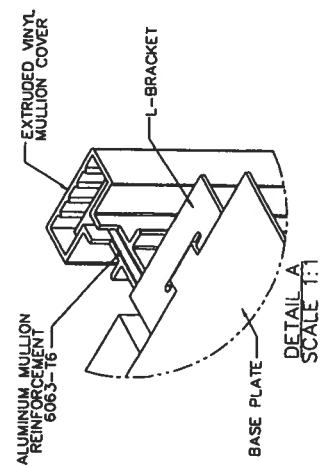
REVISIONS

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

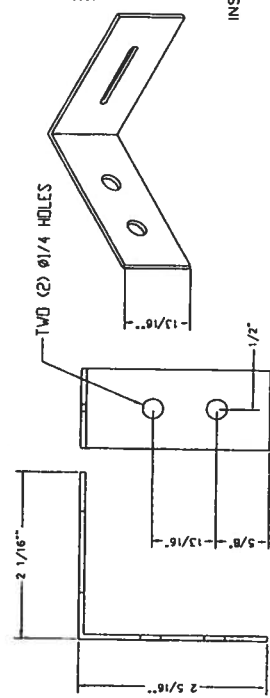
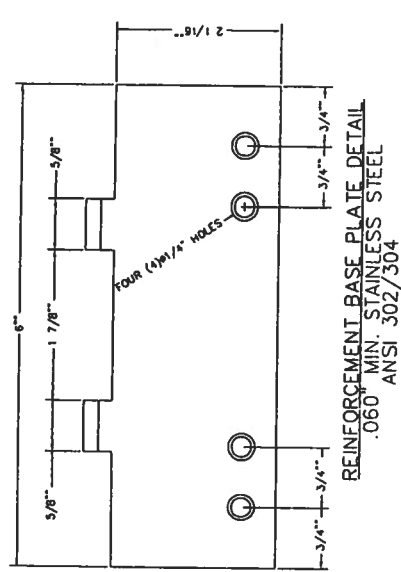
SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

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

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 new mullion covers.	01/20/2012	CAP
5	Updated Dr ratings chart and added new mullion 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



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



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

- NOTES:
- 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.
 - MASONRY/CONCRETE: USE (2) ITW TAPCON OR ELCO ULTRACON ANCHORS AT HEAD AND SILL THROUGH BASE PLATES. SEE SHEET 8 FOR DETAILS.
 - TWO (2) RIVETS OR BARREL NUTS ARE REQUIRED TO ATTACH L-BRACKETS TO ALUMINUM MULLION. SEE TABLE 1 (THIS SHEET)

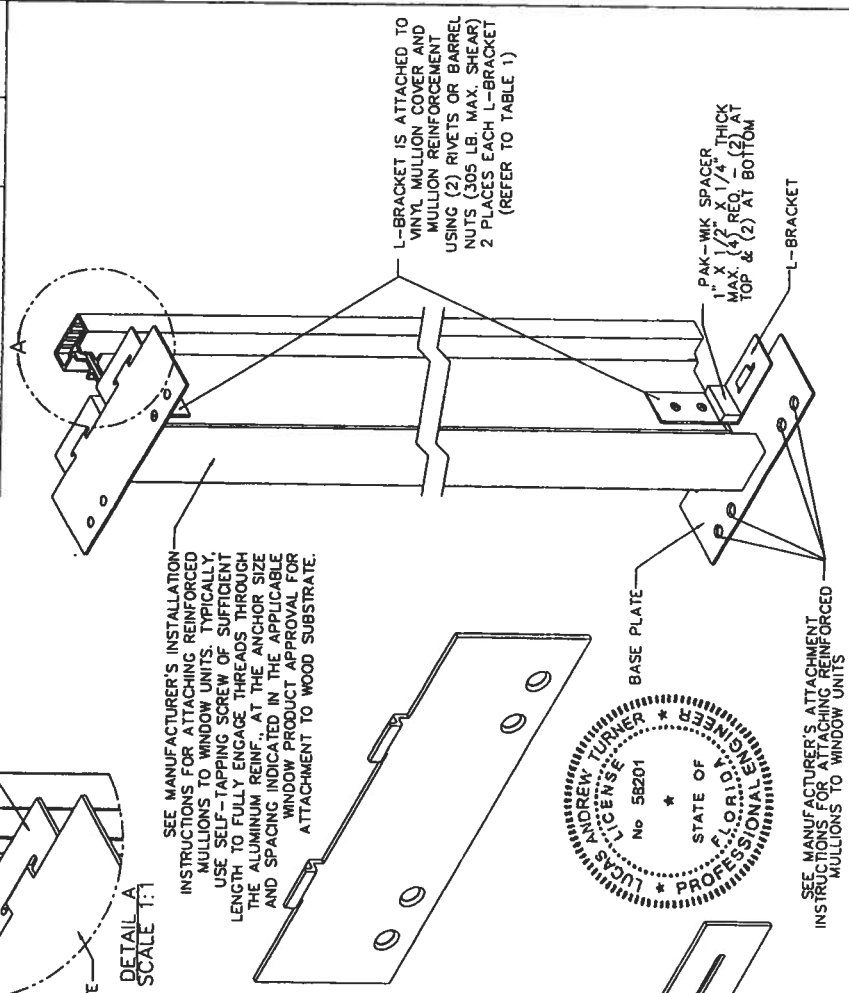
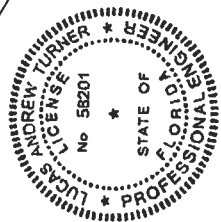


TABLE 1 - MULLION ATTACHMENT HARDWARE

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



72

SIMONTON

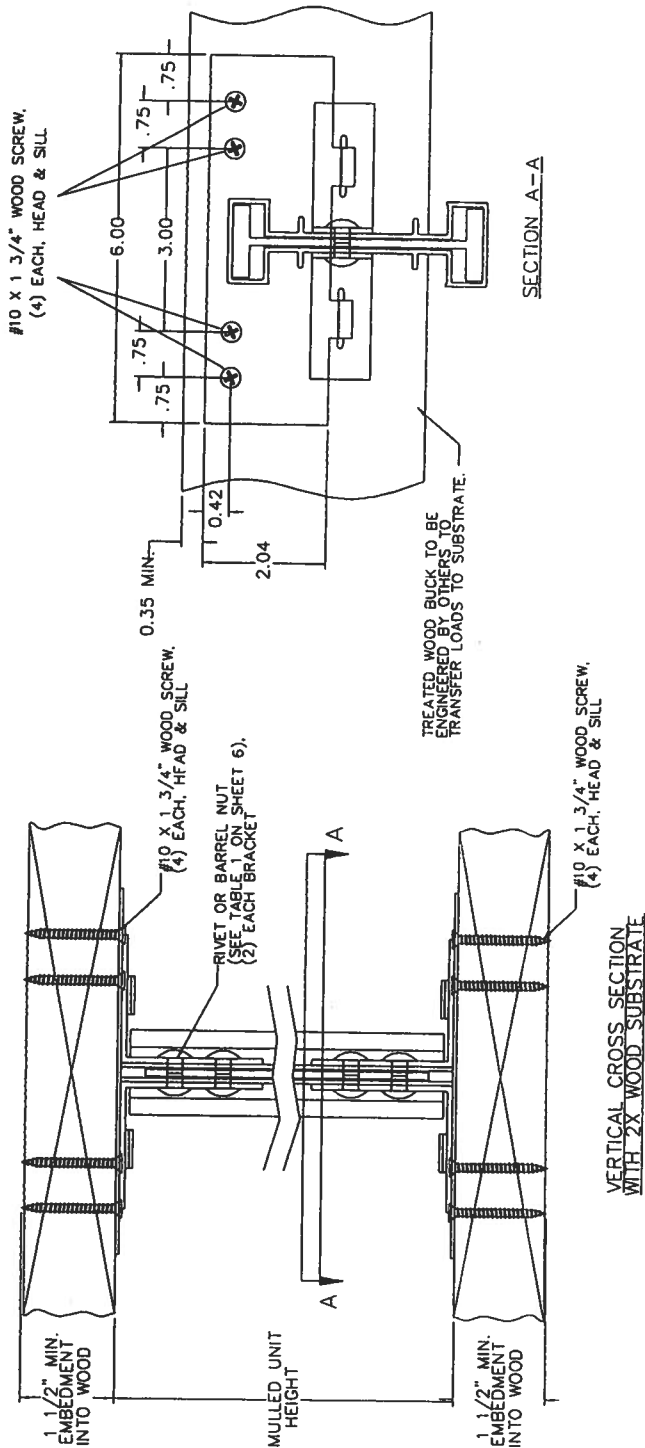
10/03/2017
LUCAS A. TURNER, P.E.
No. 58201
STATE OF FLORIDA
PROFESSIONAL ENGINEER

1 DODD AVE. FORT MONROE, VA 22045
PH. 800-628-2240

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, Adopted 2006	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes and added new mullion covers.	01/20/2012	CAP
5	Updated DP 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	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.
 9. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.

72	10/03/2017	10/03/2017	10/03/2017
10/03/2017	10/03/2017	10/03/2017	10/03/2017
10/03/2017	10/03/2017	10/03/2017	10/03/2017
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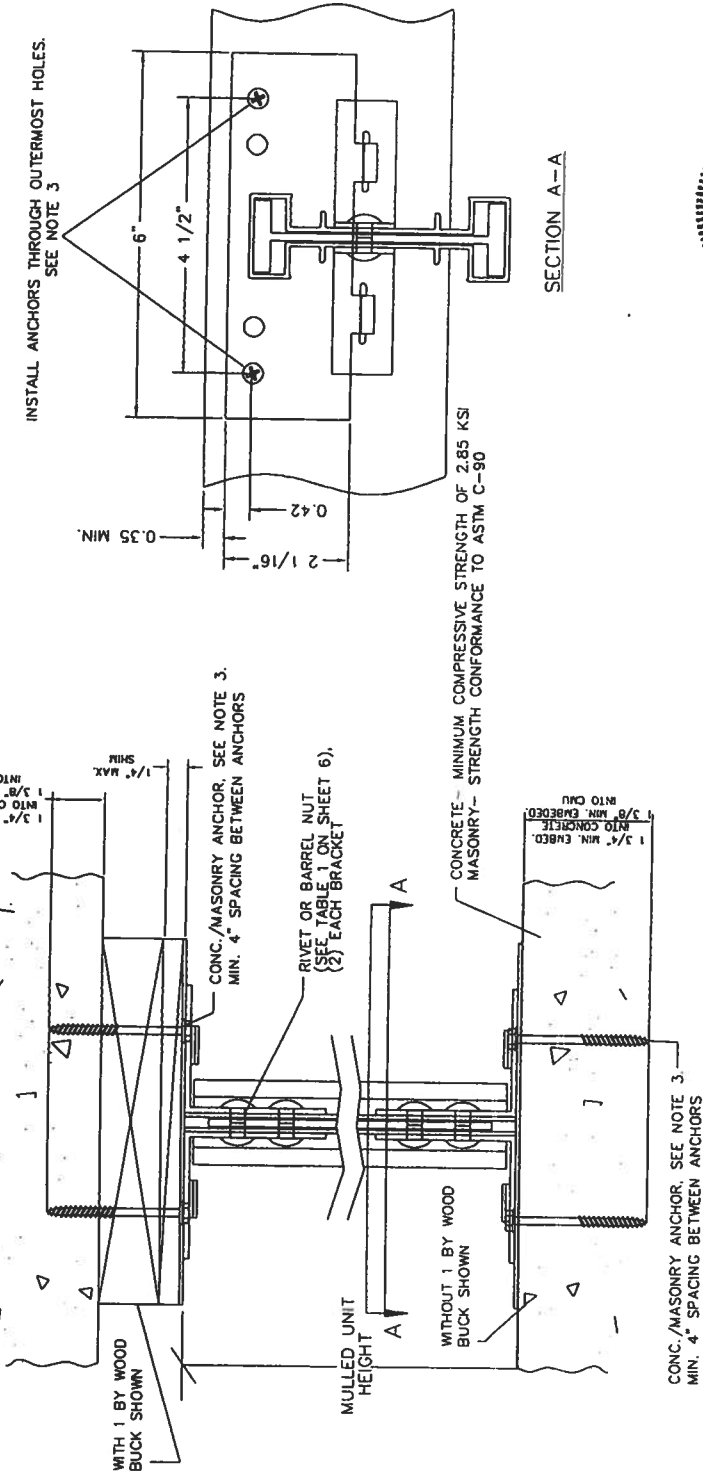
SIMONTON
1 DOORWAY AVE. FORT MONROE, VA 22045
PH. 800-888-2249

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

REVISIONS

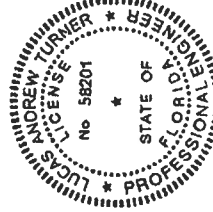
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Adopted State Building Code	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes and added new mullion covers.	01/20/2012	CAP
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised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

CONCRETE- MINIMUM COMPRESSIVE STRENGTH OF 2.85 KSI,
MASONRY- STRENGTH CONFORMANCE TO ASTM C-90



**VERTICAL CROSS SECTION WITH
MASONRY/CONCRETE SUBSTRATE**

- NOTES:**
1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HWHZ.
 2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
 3. ANCHORS IN GROUT-FILLED CMU BLOCK (ASTM C-90 COMPLIANT) SHALL BE 1/4" 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, AND 1 1/8" MIN. EDGE DIST.
 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. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
 7. SIMILAR INSTALLATIONS ARE USED ON HEAD AND SILL.
 8. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.



17	10/03/2017	10/03/2017	10/03/2017
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Product Approval
USER: Public User



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

FL #

FL5167-R29

Application Type

Revision

Code Version

2017

Application Status

Approved

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

Comments

Archived

Product Manufacturer

Simonton/Ply Gem Windows

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(614) 532-3596
luanne.harris@plygem.com

Authorized Signature

Luanne Harris
luanne.harris@plygem.com

Technical Representative

Luanne Harris

Address/Phone/Email

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(614) 532-3596
luanne.harris@simonton.com

Quality Assurance Representative

AAMA

Address/Phone/Email

1827 Walden Office Square
Suite 550
Schaumburg, IL 60173
(847) 303-5664
webmaster@amaanet.org

Category

Windows

Subcategory

Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency

American Architectural Manufacturers Association

Validated By

American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 450

2010

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

2005

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

2008

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

08/12/2019
08/21/2019

08/29/2019

Summary of Products

FL #	Model, Number or Name	Description
5167.1	07-09, 07-10 and 07-20	Reflections 5500, PerfeXion Platinum 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), 56x84 (+/-25 PSF), 53x76 (+/-50 PSF), 36x63 (+/-50 PSF), 44x64 (+/-50 PSF), 47x71 (+/-50 PSF), 37x84 (+/-60 PSF), 37x76 (+65/-70 PSF)		Certification Agency Certificate FL5167 R29 C CAC 07-09 DH 36x63 R50.pdf FL5167 R29 C CAC 07-09 DH 37x76 R PG65.pdf FL5167 R29 C CAC 07-09 DH 37x84 R PG60.pdf FL5167 R29 C CAC 07-09 DH 44x63 R50.pdf FL5167 R29 C CAC 07-09 DH 47x71 R PG50.pdf FL5167 R29 C CAC 07-09 DH 48x80 R25.pdf FL5167 R29 C CAC 07-09 DH 53x76 R50.pdf FL5167 R29 C CAC 07-09 DH 56x84 R PG25.pdf FL5167 R29 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167 R29 C CAC 07-75 waiver to 07-09.pdf Quality Assurance Contract Expiration Date 04/19/2020 Installation Instructions FL5167 R29 II IN0066-R11 07-09 07-10 07-20 DH 1X.pdf FL5167 R29 II IN0067 07-09 07-10 07-20 DH 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5167 R29 AE EvalReport-IN0066-R11.pdf Created by Independent Third Party: Yes
5167.2	07-09, 07-10 and 07-20	Reflections 5500, PerfeXion Platinum Vinyl Double Hung 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: 53x130		Certification Agency Certificate FL5167 R29 C CAC 07-09 DH w Transom 53x130 R PG50.pdf FL5167 R29 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167 R29 C CAC 07-75 waiver to 07-09.pdf Quality Assurance Contract Expiration Date 04/19/2020 Installation Instructions FL5167 R29 II IN0063 07-09 07-10 07-20 DH w Transom 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.3	07-09, 07-10 and 07-20	Reflections 5500, PerfeXion Platinum Vinyl 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: 160x76, 126x76		Certification Agency Certificate FL5167 R29 C CAC 07-09 DH Triple 126x76 R PG50.pdf FL5167 R29 C CAC 07-09 DH Triple 160x76 R PG50.pdf FL5167 R29 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167 R29 C CAC 07-75 waiver to 07-09.pdf Quality Assurance Contract Expiration Date 04/19/2020 Installation Instructions FL5167 R29 II IN0555 07-09 07-10 07-20 DH Twin-Triple 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.4	07-09, 07-10 and 07-20	Reflections 5500, PerfeXion Platinum Vinyl Double Hung Triple with Transom Triple
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No		Certification Agency Certificate FL5167 R29 C CAC 07-09 DH Triple w Transom Triple 109x88 R PG35.pdf FL5167 R29 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf

		FL5167 R29 C CAC 43-45 DH 52x71 R35.pdf FL5167 R29 C CAC 43-45 waiver to 43-40.pdf Quality Assurance Contract Expiration Date 09/12/2021 Installation Instructions FL5167 R29 II IN0432b 43-40 43-45 DH 2X.pdf FL5167 R29 II IN0434-R6 43-40 43-45 DH 1X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5167 R29 AE EvalReport-IN0434-R6.pdf Created by Independent Third Party: Yes
5167.14	43-50 (Three-Step Sill)	6100 VantagePointe, 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 R29 C CAC 43-50 DH 32x62 R50 (ext).pdf FL5167 R29 C CAC 43-50 DH 36x63 R45 (ext).pdf FL5167 R29 C CAC 43-50 DH 36x74 R50 (ext).pdf FL5167 R29 C CAC 43-50 DH 44x63 R45 (ext).pdf FL5167 R29 C CAC 43-50 DH 52x71 R35 (ext).pdf Quality Assurance Contract Expiration Date 01/25/2021 Installation Instructions FL5167 R29 II IN0432 43-50 DH 2X.pdf FL5167 R29 II IN0569-R3 43-50 DH 1X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5167 R29 AE EvalReport-IN0569-R3.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 VantagePointe, PerfeXion Platinum 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 R29 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167 R29 C CAC 07-10 07-20 to 07-09 Waiver.pdf FL5167 R29 C CAC 07-75 DH 48x80 R PG35.pdf FL5167 R29 C CAC 07-75 DH 53x74 R PG30.pdf FL5167 R29 C CAC 07-75 DH 53x80 R PG40.pdf FL5167 R29 C CAC 07-75 waiver to 07-09.pdf FL5167 R29 C CAC 75-75 DH 36x63 R PG50.pdf FL5167 R29 C CAC 75-75 DH 36x72 R PG55.pdf FL5167 R29 C CAC 75-75 DH 36x74 LC50.pdf FL5167 R29 C CAC 75-75 DH 48x80 LC PG25.pdf FL5167 R29 C CAC 75-75 DH 52x71 R PG35.pdf FL5167 R29 C CAC ACP-05 SIM 07-75 DH HS PW frame 07-09.pdf FL5167 R29 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 03/25/2020 Installation Instructions FL5167 R29 II IN0113 75-75 75-09 07-75 07-09 07-10 07-20 DH 2X.pdf FL5167 R29 II IN0132-R11 75-75 75-09 07-75 07-09 07-10 07-20 DH 1X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5167 R29 AE EvalReport-IN0132-R11.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 VantagePointe, PerfeXion Platinum 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 R29 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167 R29 C CAC 07-75 waiver to 07-09.pdf FL5167 R29 C CAC 75-75 DH Triple 109x74 R PG50.pdf Quality Assurance Contract Expiration Date 09/13/2021 Installation Instructions FL5167 R29 II IN0060 75-75 DH Triple or Twin 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.17	75-75, 75-09, 07-75, 07-09, 07-10	Reflections 5500, Generations, Impressions 9800, 6500

MODEL DESIGNATION:

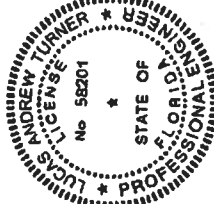
MAXIMUM OVERALL NOMINAL SIZE:

DESIGN PRESSURE RATING:

USABLE CONFIGURATIONS:

RECEIVED: 1999.05.14

The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.142".



Lucas Turner
2018-04-24
12:12+20:00

22

04/13/2018
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
1239 JABARA AVE.
NORTH PORT, FL 34288
PH. 941-380-1574

REV. #	REVISED BY:	DATE
7	ADD NOTES 15 & 16.	11/20/11
8	ADD PERL EDGE DIST. NOTE	12.00
9	ADD MULTIPLE SUBSTRATES & SHEET 2.	03.25
10	ADD ANCHOR REQUIREMENTS TO SHEET CHART.	1.00
11	ADD DIPS TO SHEET CHART.	09/12/17
		04/11/18

SIZE CHART				
OVERALL SIZE			CIRCLED ANCHOR LOCATIONS REQUIRED ¹	DP RATING
WIDTH "W"	HEIGHT "H"			
48"	80"	NO	NO	±25 PSF
48"	80"	NO	NO	±35 PSF
52"	71"	NO	NO	±40 PSF
53"	80"	YES	YES	±40 PSF
36"	63"	NO	NO	±50 PSF
36"	74"	NO	NO	±50 PSF
36"	72"	YES	YES	±55 PSF

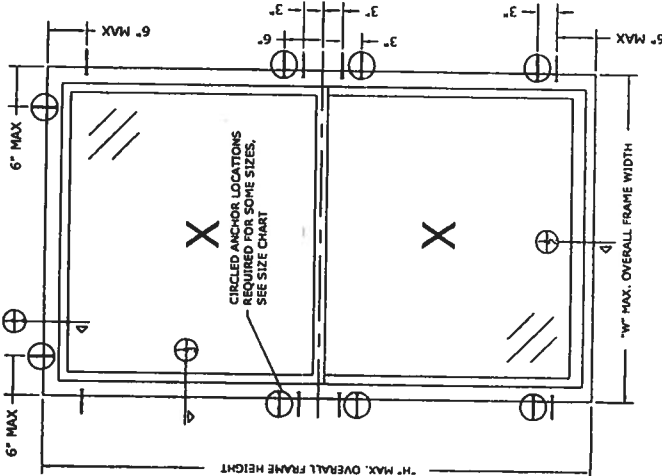
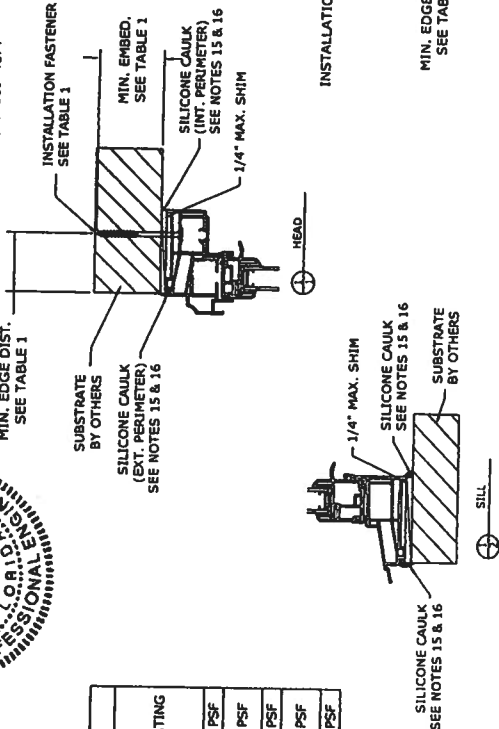


TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED DISTANCE	MIN. EMBED DISTANCE
A	CONCRETE (2 KSI MIN.)	3/16" T/W TAPCON	1-1/2"	1-7/8"
B	HOLLOW OR GROUT-FILLED CMU	3/16" T/W TAPCON	1"	2"
C	(1 1/2" PCF MIN.)	3/16" T/W TAPCON	1-3/8"	7/8"
D	2x (MIL. SOUTHERN PINE WOOD			
E	2x (MIL. SOUTHERN PINE WOOD			
F	16 GAUGE (0.060") MIN. STEEL	#10 WOOD SCREW	1-2/3"	7/8"
G	STUD, 33XSI YIELD MIN.			
H	1/2" ALUM. 6061-S 15 MIN. OR			
I	1/2" STEEL 36 KSI MIN.			
J	1/2" ALUM. 6061-S 15 MIN. OR			
K	1/2" STEEL 36 KSI MIN.			
L	1/2" ALUM. 6061-S 15 MIN. OR			
M	1/2" STEEL 36 KSI MIN.			
N	1/2" ALUM. 6061-S 15 MIN. OR			
O	1/2" STEEL 36 KSI MIN.			
P	1/2" ALUM. 6061-S 15 MIN. OR			
Q	1/2" STEEL 36 KSI MIN.			
R	1/2" ALUM. 6061-S 15 MIN. OR			
S	1/2" STEEL 36 KSI MIN.			
T	1/2" ALUM. 6061-S 15 MIN. OR			
U	1/2" STEEL 36 KSI MIN.			
V	1/2" ALUM. 6061-S 15 MIN. OR			
W	1/2" STEEL 36 KSI MIN.			
X	1/2" ALUM. 6061-S 15 MIN. OR			
Y	1/2" STEEL 36 KSI MIN.			
Z	1/2" ALUM. 6061-S 15 MIN. OR			
AA	1/2" STEEL 36 KSI MIN.			
AB	1/2" ALUM. 6061-S 15 MIN. OR			
AC	1/2" STEEL 36 KSI MIN.			
AD	1/2" ALUM. 6061-S 15 MIN. OR			
AE	1/2" STEEL 36 KSI MIN.			
AF	1/2" ALUM. 6061-S 15 MIN. OR			
AG	1/2" STEEL 36 KSI MIN.			
AH	1/2" ALUM. 6061-S 15 MIN. OR			
AI	1/2" STEEL 36 KSI MIN.			
AJ	1/2" ALUM. 6061-S 15 MIN. OR			
AK	1/2" STEEL 36 KSI MIN.			
AL	1/2" ALUM. 6061-S 15 MIN. OR			
AM	1/2" STEEL 36 KSI MIN.			
AN	1/2" ALUM. 6061-S 15 MIN. OR			
AO	1/2" STEEL 36 KSI MIN.			
AP	1/2" ALUM. 6061-S 15 MIN. OR			
AQ	1/2" STEEL 36 KSI MIN.			
AR	1/2" ALUM. 6061-S 15 MIN. OR			
AS	1/2" STEEL 36 KSI MIN.			
AT	1/2" ALUM. 6061-S 15 MIN. OR			
AU	1/2" STEEL 36 KSI MIN.			
AV	1/2" ALUM. 6061-S 15 MIN. OR			
AW	1/2" STEEL 36 KSI MIN.			
AX	1/2" ALUM. 6061-S 15 MIN. OR			
AY	1/2" STEEL 36 KSI MIN.			
AZ	1/2" ALUM. 6061-S 15 MIN. OR			
BA	1/2" STEEL 36 KSI MIN.			
BB	1/2" ALUM. 6061-S 15 MIN. OR			
BC	1/2" STEEL 36 KSI MIN.			
BD	1/2" ALUM. 6061-S 15 MIN. OR			
BE	1/2" STEEL 36 KSI MIN.			
BF	1/2" ALUM. 6061-S 15 MIN. OR			
BG	1/2" STEEL 36 KSI MIN.			
BH	1/2" ALUM. 6061-S 15 MIN. OR			
BI	1/2" STEEL 36 KSI MIN.			
BJ	1/2" ALUM. 6061-S 15 MIN. OR			
BK	1/2" STEEL 36 KSI MIN.			
BL	1/2" ALUM. 6061-S 15 MIN. OR			
BM	1/2" STEEL 36 KSI MIN.			
BN	1/2" ALUM. 6061-S 15 MIN. OR			
BO	1/2" STEEL 36 KSI MIN.			
BP	1/2" ALUM. 6061-S 15 MIN. OR			
BQ	1/2" STEEL 36 KSI MIN.			
BR	1/2" ALUM. 6061-S 15 MIN. OR			
BS	1/2" STEEL 36 KSI MIN.			
BT	1/2" ALUM. 6061-S 15 MIN. OR			
BU	1/2" STEEL 36 KSI MIN.			
BV	1/2" ALUM. 6061-S 15 MIN. OR			
BW	1/2" STEEL 36 KSI MIN.			
BX	1/2" ALUM. 6061-S 15 MIN. OR			
BY	1/2" STEEL 36 KSI MIN.			
BZ	1/2" ALUM. 6061-S 15 MIN. OR			
CA	1/2" STEEL 36 KSI MIN.			
CB	1/2" ALUM. 6061-S 15 MIN. OR			
CC	1/2" STEEL 36 KSI MIN.			
CD	1/2" ALUM. 6061-S 15 MIN. OR			
CE	1/2" STEEL 36 KSI MIN.			
CF	1/2" ALUM. 6061-S 15 MIN. OR			
CG	1/2" STEEL 36 KSI MIN.			
CH	1/2" ALUM. 6061-S 15 MIN. OR			
CI	1/2" STEEL 36 KSI MIN.			
CJ	1/2" ALUM. 6061-S 15 MIN. OR			
CK	1/2" STEEL 36 KSI MIN.			
CL	1/2" ALUM. 6061-S 15 MIN. OR			

NOTES

1. This installation has been evaluated for use in locations adhering to the Florida Building Code outside the VHWZ, 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, embedding, 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 Eto Ultrasons 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 is to be used for the analysis of wood screws only.
13. Products shall be constructed as specified.
14. Test reports ATI-A6989.01-501-47, ATI-C9020.01-501-47, ATI-C9025.01-501-47, ATI-D2914.01-109-47, ATI-D2916.01-109-47, ATI-C2266.01-109-47, ATI-A1-D0300.01-501-47-rd.
15. Designation "X" and "O" stand for the following: X - Operable Panel - O: Fixed Panel.
16. 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.
17. 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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PATIENTS:

FINISH:	AS NOTED
ALLOY & TEMP.:	
WEIGHT:	VOLUME:
SURFACE AREA:	PERIMETER:
FINISH TREATMENT:	

1

SIMON TON
W I N D O W S
1 Cochran Avenue
Perrinton, WV 26415

SCALE: FT IN
SHEET: of
SERIES:
75-75 / 02-75 / 75-09 / 07-09 / 07-15
TITLE:

1.1 BACK INSTALLATION

FILE: FL 5107.15

MODEL DESIGNATION:

Simonton Double Hung Series 75-75 / 75-09 / 07-75 /
07-09 / 07-10 / 07-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATINGS:

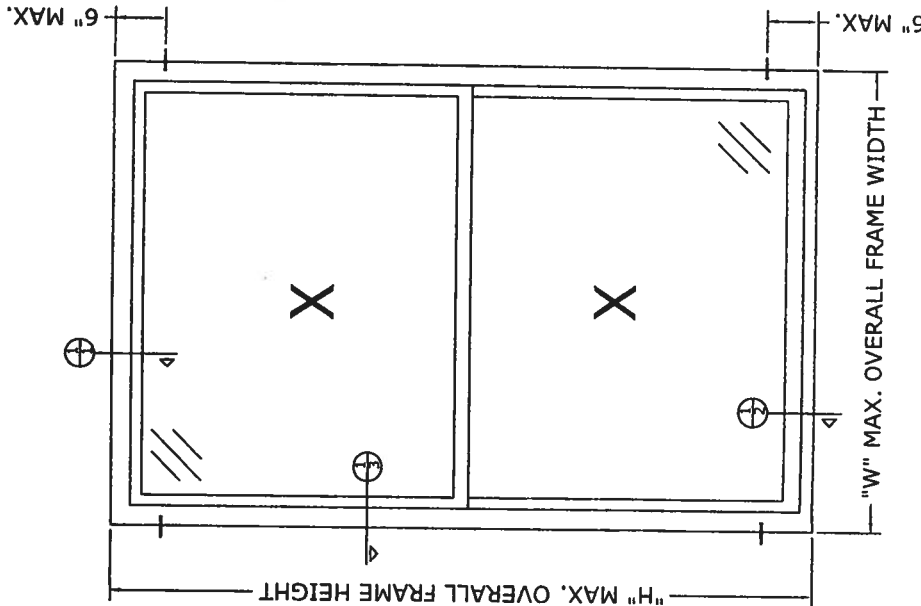
See Size Chart

USABLE CONFIGURATIONS:

X
X

GENERAL DESCRIPTION:

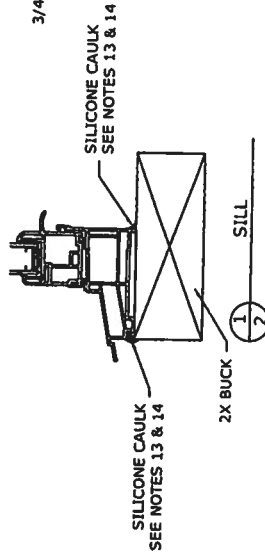
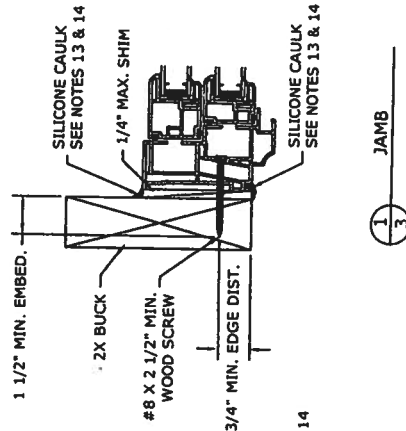
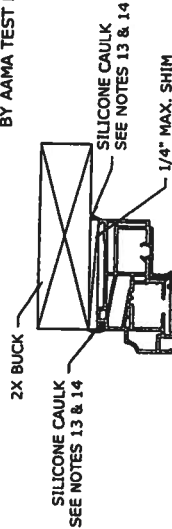
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



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

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

REV. #	REVISIONS	REVISED BY	DATE
10	UPDATED SIZES PER NEW TESTING.	T.O.D.	01/29/14
11	ADDED MIN. EDGE DISTANCE NOTES	GJM	06/16/15
12	ADDED NEW SIZE TO CHART	LHM	07/10/15
13	ADDED NOTES 12 & 13 - AAMA 800	LHM	08/18/16
14	UPDATED SIZES PER NEW TESTING.	LHM	09/11/18



NOTES:

1. 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.
2. All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
3. Anchors shall be as 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. Max. 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. Installation screws must be at least 3/4" from the edge of the wood.
10. Installation screws may be placed in the interior or exterior track of the jamb. Screws should be flush with the vinyl.
11. This product complies with ASTM E 1300.
12. Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
13. 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.
14. 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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MATERIAL:

FINISH:
ALLOY & TREATMENT:
WEIGHT:
SURFACE AREA:
FINISH TREATMENT:

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

SIZE/DRAWING NO.	REV.
B IN0113	14
DRAWN BY:	DATE:
CHECKED BY:	DATE:
APPROVED BY:	DATE:
SHEET:	1 of 1
SERIES:	75-75 / 75-09 / 07-75
TITLE:	2X BUCK INSTALLATION (AS TESTED)



Product Approval
USER: Public User



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

FL #

FL5177-R28

Application Type

Revision

Code Version

2017

Application Status

Approved

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

Comments

Archived

Product Manufacturer

Simonton/Ply Gem Windows

Address/Phone/Email

5020 Weston Parkway
Suite 300
Cary, NC 27513
(614) 532-3596
luanne.harris@plygem.com

Authorized Signature

Luanne Harris
luanne.harris@plygem.com

Technical Representative

Luanne Harris

Address/Phone/Email

3948 Townsfair Way
Suite 200
Columbus, OH 43219
(614) 532-3596
luanne.harris@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

Fixed

Compliance Method

Certification Mark or Listing

Certification Agency

American Architectural Manufacturers Association

Validated By

American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 450

2010

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

2008

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

2005

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

08/12/2019

Date Validated

08/20/2019

Date Pending FBC Approval

Date Approved

08/28/2019

Summary of Products

FL #	Model, Number or Name	Description
5177.1	07-09 and 07-20 (Sunroom)	Reflections 5500, PerfeXion Platinum Vinyl Fixed Window for Sunrooms
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 37x84 (+/-50 PSF), 74x63 (+/-55 PSF), 96x72 (+/-45 PSF)		Certification Agency Certificate FL5177 R28 C CAC 07-09 PW 37x84 R PG50.pdf FL5177 R28 C CAC 07-09 PW 74x63 LC55.pdf FL5177 R28 C CAC 07-20 PW 96x72 R PG45.pdf Quality Assurance Contract Expiration Date 09/12/2021 Installation Instructions FL5177 R28 II IN0532 07-09 07-20 PW SUNROOM.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5177 R28 AE PER5930.pdf Created by Independent Third Party: Yes
5177.2	07-09, 07-10, 07-20 (Retrofit Installation)	Reflections 5500, Impressions 9800, Generations, PerfeXion Platinum Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 74x63 (+/-55 PSF), 37x84 (+/-50 PSF)		Certification Agency Certificate FL5177 R28 C CAC 07-09 PW 37x84 R PG50.pdf FL5177 R28 C CAC 07-09 PW 74x63 LC55.pdf FL5177 R28 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf Quality Assurance Contract Expiration Date 09/21/2021 Installation Instructions FL5177 R28 II IN0108 07-09 07-10 07-20 PW 2X.pdf FL5177 R28 II IN0111-R7 07-09 07-10 07-20 PW 1X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5177 R28 AE EvalReport-IN0111-R7-2017.pdf Created by Independent Third Party: Yes
5177.3	07-20 (Nailing Fin Installation)	Reflections 5500, Impressions 9800, Generations, PerfeXion Platinum Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 96x72 (+/-45 PSF), 37x84 (+/-50 PSF), 74x63 (+/-60 PSF)		Certification Agency Certificate FL5177 R28 C CAC 07-20 PW 37x84 R50.pdf FL5177 R28 C CAC 07-20 PW 74x63 R PG60.pdf FL5177 R28 C CAC 07-20 PW 96x72 R PG45.pdf Quality Assurance Contract Expiration Date 04/18/2020 Installation Instructions FL5177 R28 II IN0514 07-20 PW 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5177.4	07-75, 07-09, 07-10, 07-20	Reflections 5500, Impressions 9800, Generations, PerfeXion Platinum, 6500 VantagePointe Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 96x72 (+/-45 PSF), 63x63 (+/-55 PSF), 72x63 (+/-65 PSF)		Certification Agency Certificate FL5177 R28 C CAC 07-09-10-20 and 08-08-10-20 Waiver.pdf FL5177 R28 C CAC 07-75 PW 63x63 LC PG55.pdf FL5177 R28 C CAC 07-75 PW 72x63 LC PG65.pdf FL5177 R28 C CAC 07-75 PW 96x72 LC PG45.pdf FL5177 R28 C CAC ACP-05 SIM 07-75 DH HS PW frame 07-09.pdf Quality Assurance Contract Expiration Date 11/17/2022 Installation Instructions FL5177 R28 II IN0221-R3 07-75 07-09 07-10 07-20 PW 1X.pdf FL5177 R28 II IN0222-R6 07-75 07-09 07-10 07-20 PW 2X.pdf

		Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5177 R28 AE EvalReport-IN0221-R3.pdf Created by Independent Third Party: Yes
5177.5	08-08	ProFinish Contractor/Master, PerfeXion Contractor Vinyl Fixed (No Hinge) Casement Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 96x72 (+/-25 PSF), 74x63 (+/-55 PSF) Certification Agency Certificate FL5177 R28 C CAC 08-08 FW (Fin) 74x63 LC PG55.pdf FL5177 R28 C CAC 08-08 PW (Fin) 96x72 LC PG25.pdf Quality Assurance Contract Expiration Date 04/26/2022 Installation Instructions FL5177 R28 II IN0328 08-08 NH 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5177.6	08-09, 08-10, 08-20	Reflections 5500, Generations, Impressions 9800, 6100/6500 VantagePointe, PerfeXion Platinum Vinyl Fixed (No Hinge) Casement Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 96x72 (+/-55 PSF), 80x63 (+/-60 PSF) Certification Agency Certificate FL5177 R28 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5177 R28 C CAC 08-09 PW 80x63 R PG60.pdf FL5177 R28 C CAC 08-09 PW 96x72 R PG55.pdf Quality Assurance Contract Expiration Date 11/17/2022 Installation Instructions FL5177 R28 II IN0329-R5 08-09 NH 2X.pdf FL5177 R28 II IN0456-R4 08-09 NH 1X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5177 R28 AE EvalReport-IN0456-R4.pdf Created by Independent Third Party: Yes
5177.7	41-18	ProFinish Brickmould 300, PerfeXion BM 300 Vinyl Fixed Window Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 96x72 (+/-30 PSF), 96x63 (+/-50 PSF), 80x48 (+/-55 PSF) Certification Agency Certificate FL5177 R28 C CAC 41-18 PW 80x48 LC55.pdf FL5177 R28 C CAC 41-18 PW 96x63 C50.pdf FL5177 R28 C CAC 41-18 PW 96x72 LC30.pdf Quality Assurance Contract Expiration Date 05/21/2021 Installation Instructions FL5177 R28 II IN0237 41-18 PW 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5177.8	41-18	ProFinish Brickmould 300, PerfeXion BM 300 Vinyl Fixed Window Twin Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 89x63 (+/-30 PSF), 97x80 (+/-40 PSF), 73x74 (+/-50 PSF), 97x80 (+/-25) Certification Agency Certificate FL5177 R28 C CAC 41-18 PW Twin 73x74 R50.pdf FL5177 R28 C CAC 41-18 PW Twin 89x63 R30.pdf FL5177 R28 C CAC 41-18 PW Twin 97x80 R25.pdf FL5177 R28 C CAC 41-18 PW Twin 97x80 R40.pdf Quality Assurance Contract Expiration Date 04/05/2021 Installation Instructions FL5177 R28 II IN0240 41-18 PW Twin 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5177.9	41-18	ProFinish Brickmould 300, PerfeXion BM 300 Vinyl Fixed Window Triple Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: 109x63 Certification Agency Certificate FL5177 R28 C CAC 41-18 PW Triple 109x63 R PG35 (ext.).pdf Quality Assurance Contract Expiration Date 04/26/2022 Installation Instructions FL5177 R28 II IN0310 41-18 PW Triple 2X.pdf

MODEL DESIGNATION:

Simonton Series 07-75 / 07-09 / 07-10 / 07-20
Vinyl Fixed Window

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATING:

See Size Chart

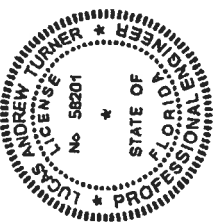
USABLE CONFIGURATIONS:

0

GENERAL DESCRIPTION:

The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.120".

04/13/2018
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
1239 JABARA AVE
NORTH PORT, FL 34288
PH. 941-360-1574



Lucas
Turner
2018-04-13
11:41+20:00

REV. #

1. UPDATED GENERAL DESCRIPTION, NOTES, AND SIZE CHART.

2. ADDED NOTES 15 & 16.

3. UPDATED SIZE CHART DP RATING PER NEW TESTING.

DATE:

T.O.D.

11/27/11

DATE:

T.O.D.

04/06/18

OVERALL SIZE	DP RATING	O.C. SPACING
"W" x "H"	"W" x "H"	"W" x "H"
96" x 72"	±45 PSF	14 1/4"
63" x 63"	±55 PSF	13 1/4"
72" x 63"	±65 PSF	11 1/4"

*WIDTH AND HEIGHT CAN BE TRANSPOSED.

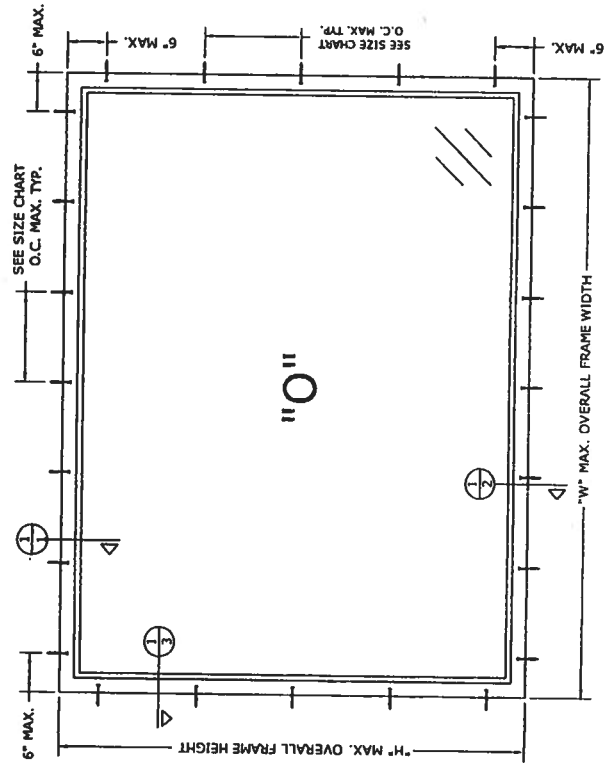


TABLE 1. INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DISTANCE
A	CONCRETE (2,000 PSI MIN.)	1/4" ITW TAPCON	1"	1-1/4"
B	ALUMINUM (117 PCF MIN.)	1/4" ITW TAPCON	1"	2"
C	2X MIN. SOUTHERN PINE WOOD (G=0.55)	1/4" ITW TAPCON	1-3/8"	1"
D	2X MIN. SOUTHERN PINE WOOD (G=0.55)	#12 WOOD SCREW	1-3/8"	1"
E	1/8 GAUGE (0.060") MIN. STEEL (50,000 PSI YIELD MIN. OR 60,000 PSI TENSILE MIN.)	2" x 1/2" ITW 12/5 SELF-DRILLING SCREW	FULL THREAD	9/16"
F	1/8" STEEL (36 KSI MIN.)	#12 GRK® 5 SELF-TAPPING/DRILLING SCREW	FULL THREAD	9/16"

NOTES:

- This installation has been evaluated for use in locations adhering to the Florida Building Code outside the RVHZ, 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.
- All interior and exterior perimeter surfaces of the window must be caulked.
- 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 anchor embedment of 1" shall be maintained between all Ebo Ultracore in any direction.
- Anchor spacing shall be determined by the design pressure rating of the window. 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 and bucks fasteners are optional. Others, shall be properly designed and installed to transfer wind loads to the structure.
- Wood or masonry openings, bucks, and bucks fasteners are optional. Others, shall be properly designed and installed to transfer wind loads to the structure.
- 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 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.
- When used in areas requiring impact protection, this product requires the use of approved impact resistant shutters or other external protection for the opening into which the product is being installed. Overall water penetration resistance of the installed product shall comply with ASTM E 1300-04.
- Glazing shall comply with ASTM E 1300-04.
- 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.
- A wind load duration factor Cd = 1.6 was used for the analysis of wood screws only.
- Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
- Use 100% UV resistant sealant in accordance with the manufacturer's instructions.
- Sealant shall be applied in accordance with the manufacturer's instructions.
- Use a bracket rod on all joints > 3/4" and wider than 1/4". Finished caulk joint should be a minimum of 3/8" deep.

DISCLAIMER STATEMENT:

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PARTICULARS:

FINISH FINISH:	FINISH FINISH:
ALLOY & TEMPER:	ALLOY & TEMPER:
W/THICK:	W/THICK:
SURFACE AREA:	SURFACE AREA:
FINISH TREATMENT:	FINISH TREATMENT:

Dimensional Tolerances

UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED
DECIMALS	ANGLES
± .03	0° 30 MIN.
± .01	XXX ± .005

SIZE (DRAWING NO.):

B	IN0221
DRAWN BY:	DATE:
CHECKED BY:	DATE:
APPROVED BY:	DATE:
SHEET	OF 1
SCALE	1" = 1'-0"
SERIES:	07-09 / 07-10 / 07-20 PICTURE (FIXED) WINDOW
TITLE:	1" AS-EC INSTALLATION

REV.

1	DATE:
2	T.O.D.
3	11/27/11
4	04/06/18

MODEL DESIGNATION:

Simonton Series 07-75 / 07-09 / 07-10 / 07-20 Vinyl Fixed Window

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATINGS:

See Size Chart

USABLE CONFIGURATIONS:

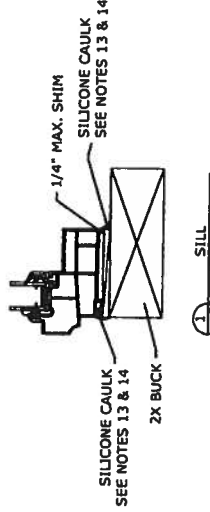
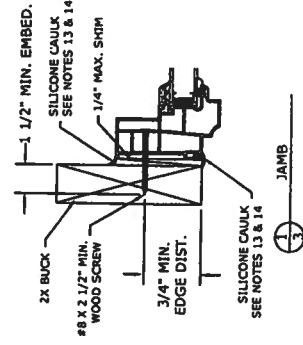
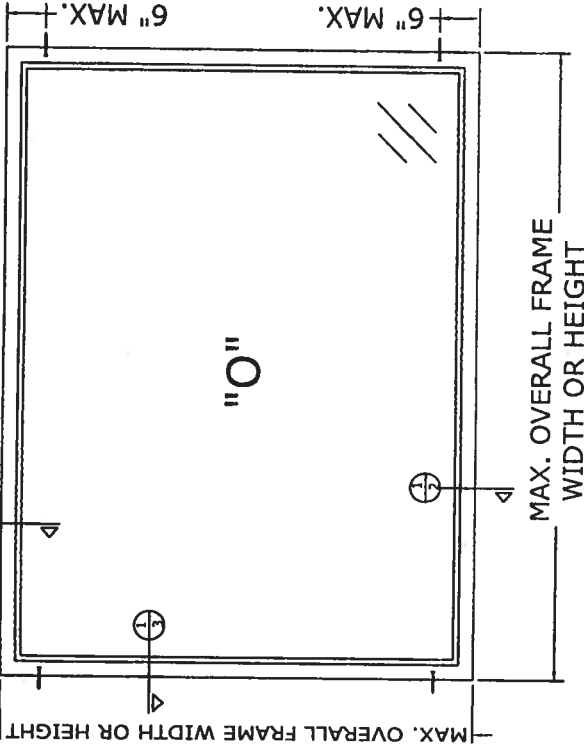
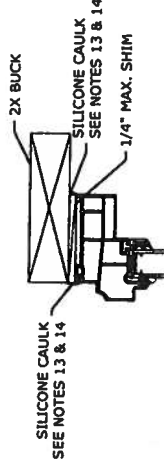
O

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.	BY	REVISIONS:	REVISED BY:	DATE:
2		ADDED GLAZING DETAILS	T.O.D.	06/06/11
3		ADDED MIN. EDGE DIST. TO NOTES.	B.J.S.	06/17/15
4		ADDED NOTES TO-12 AND NOTED HEIGHT AND WIDTH CAN BE TRANSPOSED.	LPH	06/28/17
5		ADDED ANCHOR SCREW DETAIL PER NEW TESTING.	LPH	04/05/18
6		UPDATED NOTES, REMOVE PREVIOUS #7 NOTE.	LPH	05/28/19



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 interior and exterior perimeter surfaces of the window must be caulked.
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. Wood bucks shall be spruce-Pine-Fir. Wood minimum specific gravity = 0.42 psi.
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 must be at least 3/4" from the edge of the wood.
10. This product complies with ASTM E 1300-04.
11. Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
12. 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.
13. 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.

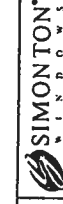
SIZE CHART		
OVERALL SIZE	DP RATING	
WIDTH "W"		
96"	72"	±45 PSF
63"	63"	±55 PSF
72"	63"	±65 PSF

*WIDTH AND HEIGHT CAN BE TRANSPOSED.

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MATERIAL:
SPR FINISH:
ALLOY & TEMPL:
WEIGHT:
SURFACE AREA:
FINISH TREATMENT:

**Dimensional Tolerances
Unless Otherwise Specified**
Angles
Decimals
Din
XX ± .01
XX ± .005



STANDARDING NO.:
B INDOZ22
DRAWN BY: DA
T.O.D.: DA
CHECKED BY: JAW
APPROVED BY: JAW
SHEET: 1 of 1
SERIES: 07-75 / 07-09 / 07-10 / 07-20 PICTURE WINDOW
TITLE: 2X BUCK INSTALLATION