



**City of Belle Isle Job Site Card Window/Door PERMIT 2019-04-036**

**PERMIT MUST BE POSTED ON SITE** - A permit expires in 6 months if approved inspections are not recorded /schedule within that time frame. **You are responsible for scheduling and keeping track of all inspections.**

**Permit Number:** 2019- 04-036

**Issue Date:** 04/11/2019

**Site Address:** 2524 Kissam Ct 32809

**Parcel #**18-23-30-6031-00-240

**Class:**  Residential **Subdivision:**

**Description of Work:** (4) four Windows / Size for Size

Issued: **BAXTER WINDOWS AND DOORS LLC**

Business Phone: 407 930-1599

Name: **MEISTER, HOWARD NATHAN**

Contractor License: SCC131152146

Payment Date & Method: 4 / 19 / 2019  Picked up or sent by \_\_\_\_\_  Emailed  
 Visa  Master Card  Amex  Discover  Check / Money Order # 2080

**Schedule Inspections via Email at: [BDscheduling@universalengineering.com](mailto:BDscheduling@universalengineering.com)**

**SCHEDULE INSPECTIONS BY 3:00 PM CUT OFF TIME**

**Inspection Results Will Be Sent Out the Following Business Day**

**"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."**

BUILDING	INSPECTOR	DATE	COMMENTS
900 In Progress			
910 Final			

Inspection requests are to be emailed to [BDscheduling@UniversalEngineering.com](mailto:BDscheduling@UniversalEngineering.com); a confirmation email will be sent back to you upon scheduling. **Next-Day Inspection requests must be made by 3pm.** Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed. Inspection results will be sent out the following business day.

A permit expires in 6 months if approved inspections are not recorded /scheduled within that time frame.  
You are responsible for scheduling and keeping track of all your inspections –

Universal Engineering Sciences - 3532 Maggie Blvd., Orlando, FL 32811  
Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)



City of Belle Isle  
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
 Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

RECEIVED APR 11 2019

**APPLICATION FOR SIZE-FOR-SIZE  
 WINDOW / DOOR PERMIT**

**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR 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 AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: 4/8/2019

PERMIT NUMBER 209-04-036

PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below:

Project Address 2524 Kissam Ct, Belle Isle, FL  32809  32812  
 Property Owner Javed and Zehra Mirza Phone 321-228-4348  
 Property Owner's Mailing Address 2524 Kissam Ct City Belle Isle  
 State FL Zip Code 32809 Parcel Id Number: 18-23-30-6031-00-240

REQUIRED! To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

Type of Building: Residential  Commercial  Other

• **REQUIRED!** Florida Product Approval Form – NOTE: installation instructions must be posted on-site before your first inspection!!

Please indicate the nature of work by completing the information below:

Number of Size-for-Size Windows: 4 Number of Size-for-Size Doors: \_\_\_\_\_ Job Valuation: \$11,060

I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances. By signing below, I recognize Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

BY SIGNING THIS APPLICATION, YOU ARE CERTIFYING THAT YOU ARE ACTING AS THE OWNER'S AGENT FOR THIS PERMIT:

LICENSE HOLDER SIGNATURE [Signature] LICENSE # SCC131152146  
 LICENSE HOLDER NAME Howard Nathan Meister COMPANY NAME Baxter Windows and Doors  
 Street Address 102 Drennen Road Suite B11  
 City Orlando State FL Zip Code 32806 Phone Number 407-930-1599  
 Email Address permits@baxterwindows.com

Building Official: [Signature] Date 4-11-19  
 Verified Contractor's Licenses & Insurance are on file [Signature] Date 4-11-19

MC 2080  
**PAID**  
 Zoning Fee \$ 0  
 Permit Fee \$ 65.-  
 Review Fee \$ 32.50  
 1% BCAIB Fee \$ 2 min  
 1.5% DCA Fee \$ 2 min  
 Total Permit Fee \$ 101.50

COMPLETED  
 COMPLETED  
 COMPLETED

151K 25  
 40  
 65 = 2  
 32.50  
 97.50

RECEIVED APR 19 2019

DOCH 20190238824  
04/18/2019 12:45:35 PM Page 1 of 1  
Rec Fee: \$10.00  
Phil Diamond, Comptroller  
Orange County, FL  
IP - Ret To: BAXTER WINDOWS AND DOORS

Permit Number: \_\_\_\_\_  
Folio/Parcel Identification Number: 18-23-30-6031-00-240  
Prepared by: Nicole Macre/ Brenno Da Mota



Return to: Baxter Windows And Doors  
102 Drennen Road Suite B11  
Orlando, FL. 32806

**NOTICE OF COMMENCEMENT**

State of Florida, County of Orange

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

- Description of property** (legal description of the property, and street address if available)  
OAK ISLAND SECOND REPLAT - 2524 Kissam Ct, Belle Isle, FL 32809
- General description of improvement**  
4 Replacement Windows, size for size, Energy Star Rated 2017
- Owner information or Lessee information if the Lessee contracted for the improvement**  
Name Javed & Zehra Mirza  
Address 2524 Kissam Ct, Belle Isle, FL 32809  
Interest in Property Owner  
Name and address of fee simple titleholder (if different from Owner listed above)  
Name N/A  
Address \_\_\_\_\_
- Contractor**  
Name Howard Nathan Meister Telephone Number 407-930-1599  
Address 102 Drennen Road Suite B11, Orlando, FL. 32806
- Surety** (if applicable, a copy of the payment bond is attached)  
Name N/A Telephone Number \_\_\_\_\_  
Address \_\_\_\_\_ Amount of Bond \$ \_\_\_\_\_
- Lender**  
Name N/A Telephone Number \_\_\_\_\_  
Address \_\_\_\_\_
- Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes.**  
Name Nathan Meister Telephone Number 407-930-1599  
Address 102 Drennen Road Suite B11, Orlando, FL. 32806
- In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.**  
Name Nathan Meister Telephone Number 407-930-1599  
Address 102 Drennen Road Suite B11, Orlando, FL. 32806
- Expiration date of notice of commencement** (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified) 10/8/2019

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR 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 AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Under penalty of perjury, I declare that I have read the foregoing notice of commencement and that the facts stated in it are true to the best of my knowledge and belief.

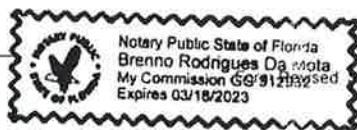
[Signature] OWNER  
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager Signatory's Title/Office

The foregoing instrument was acknowledged before me this 16 day of 4 / 19 by JAVED MIRZA  
month/year name of person

as OWNER for SELF  
Type of authority, e.g., officer, trustee, attorney in fact Name of party on behalf of whom instrument was executed

[Signature] BRENNO RODRIGUES DA MOTA  
Signature of Notary Public - State of Florida Print, type, or stamp commissioned name of Notary Public

Personally Known \_\_\_\_\_ OR Produced ID X  
Type of ID Produced FL Driver's License



State of FLORIDA, County of ORANGE  
I hereby certify that this is a true copy of  
the document as reflected in the Official Records  
PHIL DIAMOND, COUNTY COMPTROLLER  
BY: P. D. Sabush, D.C.  
DATED: April 18, 2019





**CITY OF BELLE ISLE, FLORIDA**  
Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

**POWER OF ATTORNEY**

Date: 4/8/2019

Permit #: 2019-04-036

I hereby name and appoint Brenno Da Mota / Nicole Macre of  
(print name)

Baxter Windows and Doors to be my lawful attorney-in-fact to act for  
(company name)

me and apply to the City of Belle Isle Building Department for a residential permit  
(type of permit)

for work to be performed at the following location:

2524 Kissam Ct, Belle Isle, FL  32809  32812 and  
(street address)

to sign my name and do all things necessary to this appointment.

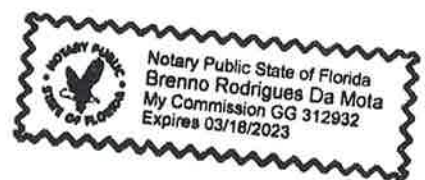
Certified Contractor's Printed Name: Howard Nathan Meister

License Number: SCC131152146

Certified Contractor's Signature: [Handwritten Signature]

.....  
The foregoing instrument was acknowledged before me this 8<sup>th</sup> days of April of 20 19  
by HOWARD N. MEISTER who is personally known to me or who produced  
as identification and who did not take an oath.

State of Florida  
County of Orange  
[Handwritten Signature]  
Notary Public, Orange County, Florida



(seal)





**City of Belle Isle**  
 1600 Nela Avenue, Belle Isle, FL 32809  
 Tel 407-851-7730 \* Fax 407-240-2222 \* [www.cityofbelleislefl.org](http://www.cityofbelleislefl.org)

## Product Approval Form

DATE: 04/08/19

PERMIT # \_\_\_\_\_

PROJECT ADDRESS 2524 Kissam Ct, Belle Isle, FL  32809  32812

As required by Florida Statue 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at [www.floridabuilding.org](http://www.floridabuilding.org) or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

1. This Product Approval Cover Sheet
2. Internet screen showing PA#, approval and code edition stamped
3. Manufacturer's installation details and requirements for each product stamped

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
<b>EXTERIOR DOORS</b>				<b>WALL PANELS</b>			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
<b>WINDOWS</b>				<b>ROOFING PRODUCTS</b>			
Single/Dbi Hung	Simonton	Stormbreaker	5419.1	Asphalt Shingles			
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion	Simonton	Reinforced Mull	14787.1	Other			
Skylights							
Other							
<b>STRUCTURAL COMPONENTS</b>				<b>OTHER</b>			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature 

Date 4/11/19



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**Product Approval**  
USER: Public User

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



FL #	FL5419-R16														
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	<input type="checkbox"/>														
Product Manufacturer	Simonton/Ply Gem Windows														
Address/Phone/Email	3948 Townsfair Way, Suite 200 Suite 200 Columbus, OH 43219 (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	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)	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></th> </tr> </thead> <tbody> <tr> <td>AAMA 450</td> <td>2010</td> </tr> <tr> <td>AAMA 506</td> <td>2011</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2008</td> </tr> <tr> <td>ASTM E 1886</td> <td>2005</td> </tr> <tr> <td>ASTM E 1996</td> <td>2005</td> </tr> <tr> <td>ASTM E 1996</td> <td>2009</td> </tr> </tbody> </table>	<b>Standard</b>	<b>Year</b>	AAMA 450	2010	AAMA 506	2011	AAMA/WDMA/CSA 101/I.S.2/A440	2008	ASTM E 1886	2005	ASTM E 1996	2005	ASTM E 1996	2009
<b>Standard</b>	<b>Year</b>														
AAMA 450	2010														
AAMA 506	2011														
AAMA/WDMA/CSA 101/I.S.2/A440	2008														
ASTM E 1886	2005														
ASTM E 1996	2005														
ASTM E 1996	2009														
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect <a href="#">FL5419_R16_Equiv_FL5419_Equivalency.pdf</a>														

Product Approval Method Method 1 Option A

Date Submitted 05/07/2018

Date Validated 05/09/2018

Date Pending FBC Approval

Date Approved 05/16/2018

**Summary of Products**

FL #	Model, Number or Name	Description
5419.1	07-09 / 07-10 / 07-20 (Retrofit Installation)	StormBreaker Plus 300VL, 8000, PerfeXion Impact, Impact Vinyl Double Hung
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: 53x76 (+55/-60 PSF), 53x76 (+/-50 PSF), 37x84 (+/-60 PSF), 37x76 (+/-65 PSF) 37x76 Tempered (+65/-70) - Missile Impact Rating: D		<b>Certification Agency Certificate</b> <a href="#">FL5419 R16 C CAC 07-09 07-20 DH 53 x 76 R PG50 Impact.pdf</a> <a href="#">FL5419 R16 C CAC 07-09 07-20 DH Impact 37x76 R PG65.pdf</a> <a href="#">FL5419 R16 C CAC 07-09 07-20 DH Impact 37x84 R PG60.pdf</a> <a href="#">FL5419 R16 C CAC 07-09 07-20 DH Impact 53x76 R PG55.pdf</a> <a href="#">FL5419 R16 C CAC 07-09 DH TempGI Impact 37x76 R PG65.pdf</a> <a href="#">FL5419 R16 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 07/28/2019 <b>Installation Instructions</b> <a href="#">FL5419 R16 II IN0364-R10 07-09 07-10 07-20 Impact DH.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> <a href="#">FL5419 R16 AE EvalReport-IN0364-R10.pdf</a> Created by Independent Third Party: Yes
5419.2	07-20 (Nailing Fin Installation)	StormBreaker Plus 300VL, 8000, PerfeXion Impact Vinyl Double Hung Twin
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +50/-50 Other: 73 x 74 - Missile Impact Rating: D		<b>Certification Agency Certificate</b> <a href="#">FL5419 R16 C CAC FL5419 C CAC 07-20 DH Twin Impact 73 x 74 R50 .pdf</a> <b>Quality Assurance Contract Expiration Date</b> 03/24/2020 <b>Installation Instructions</b> <a href="#">FL5419 R16 II IN0523 SP 07-20 DH Twin 2X.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
5419.3	07-20 (Nailing Fin Installation)	StormBreaker Plus 300VL, 8000, PerfeXion Impact Vinyl Double Hung
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: 53x76 (+/-50), 53x76 (+55/-60), 37x84 (+/-60), 37x76 (+/-65) - Missile Impact Rating: D		<b>Certification Agency Certificate</b> <a href="#">FL5419 R16 C CAC 07-09 07-20 DH Impact 37x76 R PG65.pdf</a> <a href="#">FL5419 R16 C CAC 07-09 07-20 DH Impact 37x84 R PG60.pdf</a> <a href="#">FL5419 R16 C CAC 07-09 07-20 DH Impact 53x76 R PG55.pdf</a> <a href="#">FL5419 R16 C CAC 07-20 DH Impact R PG50 53x76.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 07/28/2019 <b>Installation Instructions</b> <a href="#">FL5419 R16 II IN0589-R1 SBP 07-20 DH 2X.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
5419.4	42-19	ProFinish Brickmould 600 with SafePoint Storm Vinyl Double Hung



<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> +50/-50  <b>Other:</b> 36 x 63, 36 x 74 and 38 x 72 - Missile Impact Rating: C</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5419 R16 C CAC 42-19 DH Impact Annealed 36x63 R50 (ext.)pdf</a>  <a href="#">FL5419 R16 C CAC 42-19 DH Impact Annealed 36x74 R50 (ext.)pdf</a>  <a href="#">FL5419 R16 C CAC 42-19 DH Impact Annealed 38x72 R50 (ext.)pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      09/14/2019  <b>Installation Instructions</b>  <a href="#">FL5419 R16 II IN0540-R2.pdf</a>                      Verified By: American Architectural Manufacturers Association                      Created by Independent Third Party:  <b>Evaluation Reports</b>  <a href="#">FL5419 R16 AE EvalReport-IN0540-R2.pdf</a>                      Created by Independent Third Party: Yes</p>
<p>5419.5</p>	<p>42-19</p>	<p>ProFinish Brickmould 600 with SafePoint Storm Vinyl Double Hung Twin</p>
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> +50/-50  <b>Other:</b> 73 x 74 - Missile Impact Rating: C</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5419 R16 C CAC 42-19 DH Twin Impact Annealed 73x74 R50.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/05/2019  <b>Installation Instructions</b>  <a href="#">FL5419 R16 II IN0550 42-19 Impact DH Twin 2X.pdf</a>                      Verified By: American Architectural Manufacturers Association                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

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

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Product Approval Accepts:



Credit Card  
**Safe**



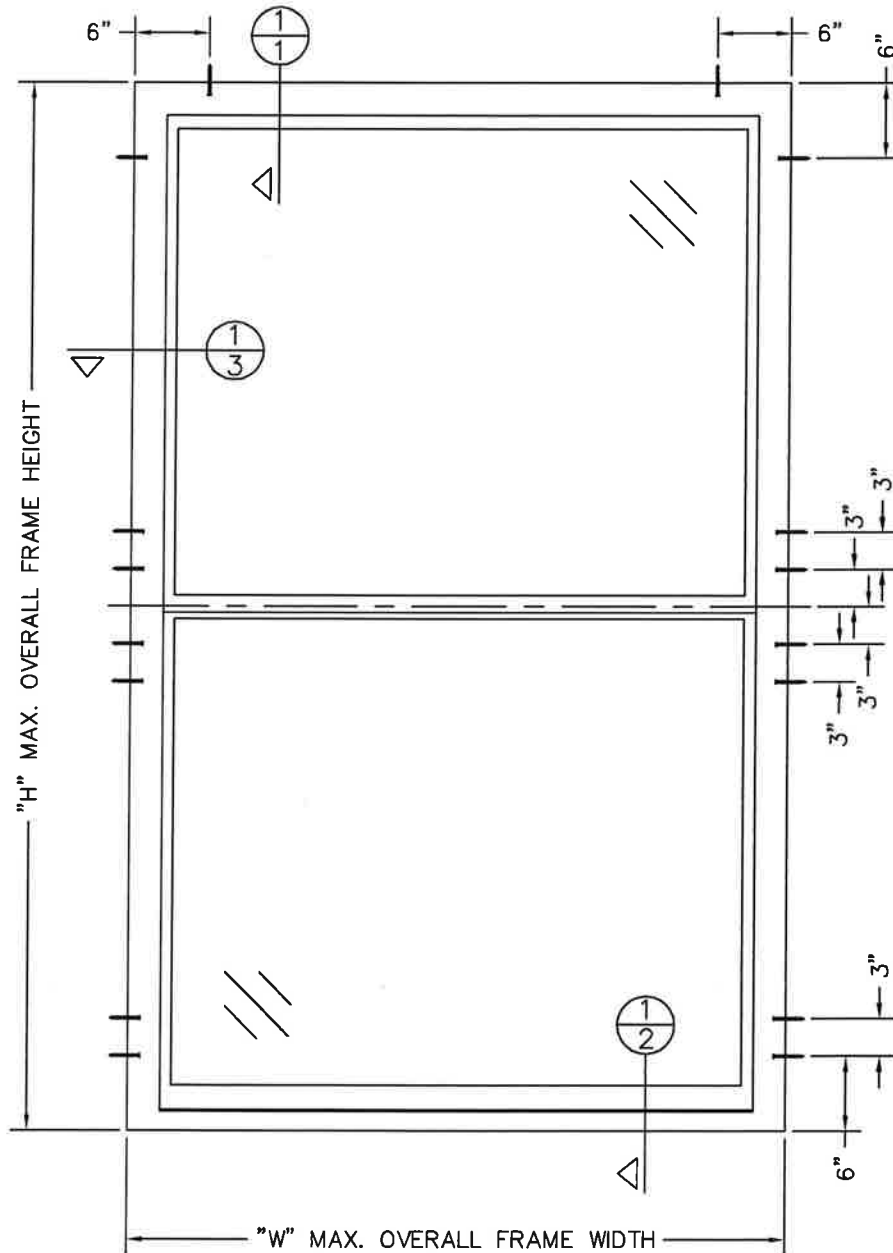
**MODEL DESIGNATION:** Simonton Double Hung Series 07-09 / 07-10 / 07-20 Vinyl Impact Window  
**MAXIMUM OVERALL NOMINAL SIZE:** See Size Chart  
**DESIGN PRESSURE RATING:** See Size Chart  
**USABLE CONFIGURATIONS:** X  
 X  
**GENERAL DESCRIPTION:** The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



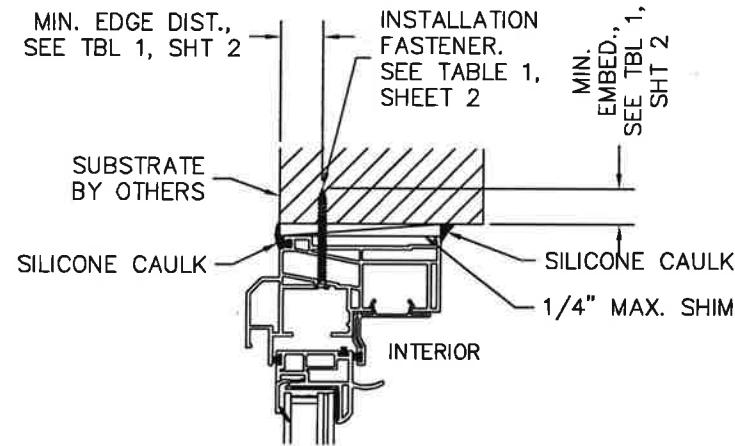
Lucas  
Turner  
2017-11-03  
13:23+20:00

11/3/2017  
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

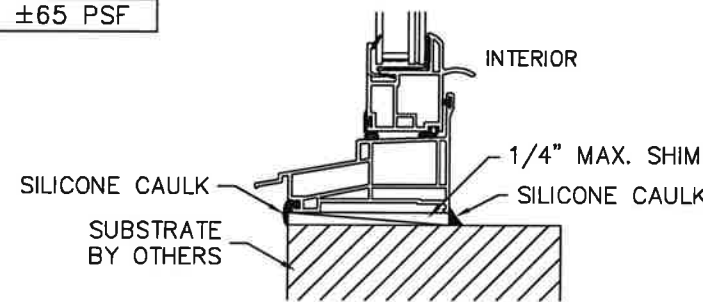
REV. #	REVISIONS:	REVISED BY:	DATE:
6	UPDATED SIZES PER NEW TESTING.	T.D.D.	12/17/13
7	UPDATED FOR MULTIPLE SUBSTRATE TYPES	L.A.T.	9/15/14
8	ADDED 53X76 SIZE DP50	L.A.T.	6/30/15
9	ADDED TEST REPORT NUMBER TO NOTE 15.	LMH	4/18/17
10	REMOVED PRE-DRILLED HOLES.	LMH	10/27/17



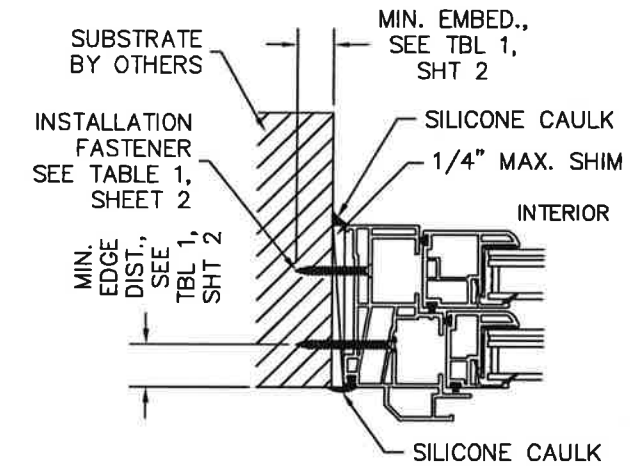
SIZE CHART		
OVERALL SIZE		
WIDTH "W"	HEIGHT "H"	DP RATING
53"	76"	±50 PSF
53"	76"	±55 PSF
37"	84"	±60 PSF
37"	76"	±65 PSF



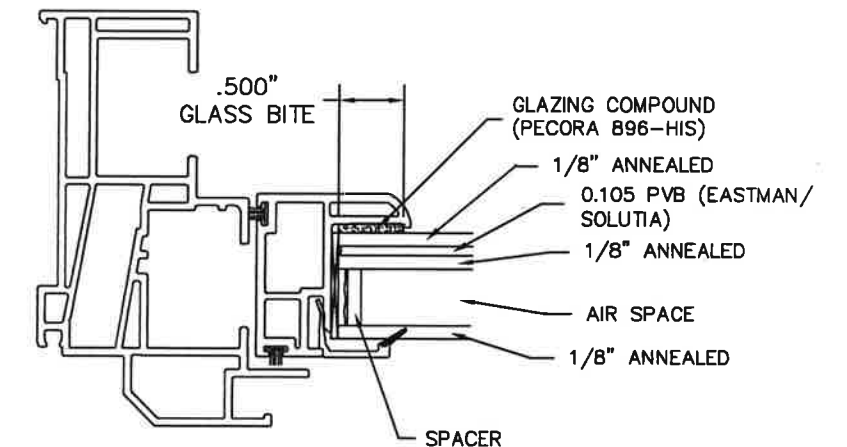
1/1 HEAD



2/1 SILL



3/1 JAMB



1" INSULATED ANNEALED IMPACT GLASS WITH 0.105" PVB INTERLAYER

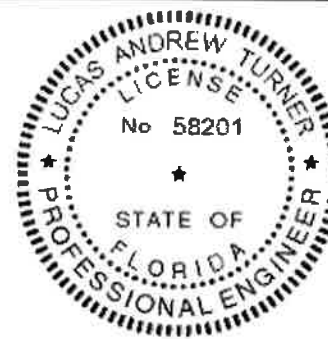
DISCLOSURE STATEMENT		MATERIAL:		Dimensional Tolerances Unless Otherwise Specified		SIMONTON® WINDOWS		SIZE: B	DRAWING NO.: IN0364	REV.: 10	
This document is the property of Simonton Windows, which retains all proprietary and other rights to its subject matter. This document is provided to the recipient on the expressed condition that it is not to be disclosed, reproduced in whole or part, nor used in conjunction with the design, manufacture or repair of goods for anyone other than Simonton Windows without its consent. This restriction does not limit the recipient's rights to utilize information contained in this document which is properly obtained from another source.		RMS FINISH:	EXCEPT AS NOTED		Decimals	Angles	1 Cochrane Avenue Pensboro, WV 26415		DRAWN BY: T.D.D.	DATE: 11/13/08	
		ALLOY & TEMPER:			.X ± .03	0° 30 min.	SHEET: 1 of 2		CHECKED BY:	DATE:	
		WEIGHT:	VOLUME:	.XX ± .01		APPRVD BY:		DATE:			
		SURFACE AREA:	PERIMETER:	.XXX ± .005		SERIES: 07-09 / 07-10 / 07-20 IMPACT DOUBLE HUNG					
		FINISH TREATMENT:					TITLE: ELEVATION, INSTALLATION DETAILS, STND. GLAZING DETAIL				
FILE: IN0364											

**NOTES:**

1. This installation has been evaluated for use in locations adhering to the Texas & Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
2. All interior and exterior perimeter surfaces of the window must be caulked.
3. Anchor type, size, spacing, and embedment shall be as specified in these drawings.
4. Anchor embedment to substrate shall be beyond wall dressing or stucco. For concrete/CMU openings embedment shall be beyond wood bucks, if used, and into substrate. Installations to solid concrete or grout-filled CMU may include but do not require 1x wood bucks between product and substrate. Installations to hollow CMU require the use of 1x bucks between product and substrate.
5. Wood or masonry openings, bucks, and buck fasteners, by others, shall be properly designed and installed to transfer wind loads to the structure. Substrates shall meet the minimum strength requirements as shown in Table 1, this sheet. Concrete or masonry substrates shall not be cracked.
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 DOES NOT REQUIRE 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 door is being installed. Overall water penetration resistance of the installed product is the responsibility of others.
10. Glazing shall comply with ASTM E 1300
11. For installation to metal substrates, anchors shall be long enough to be fully threaded through the metal thickness with an additional 3/16" min. of threads beyond.
12. A minimum center-to-center spacing of 1-1/4" shall be maintained between all Elco Ultracons in any direction.
13. 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.
14. A wind load duration factor Cd = 1.6 was used for the analysis of wood screws only.
15. Windows shall be constructed as specified in test reports A8088.01-501-47-r0, A9235.01-501-47-r0, A9261.01-501-47-r1, C7745.01-109-47-r0, D0296.01-501-47-r0, D0962.01-501-47-r0, D0963.01-501-47-r0, D0964.01-501-47-r0, D8119.01-109-47-r0, D0295.01-501-47-r0, D8118.01-109-47-r0, D8120.01-109-47 and D0965.01-501-47-r0 by Architectural Testing, Inc and T259-10 by Farabaugh Engineering & Testing Inc.
16. Use 100% pure silicone caulk compliant with AAMA 808 Section 5 - Sealant Specifications for use with Architectural Fenestration Products. Make sure surfaces are completely free from all old caulk, damaged wood, wood fibers, grease, oil dirt, rust, mold or similar contaminants. Vacuum and clean opening surfaces completely. A fully primed surface is recommended, but not required. Cleaning of all surfaces should be done the same day of which the silicone caulk is to applied. For more details visit Simonton.com.
17. Caulk application: recommended air and surface temperatures at the time of application are to be between 40 and 90 degrees F. Insure all contact surfaces are clean and dry including the new window(s). 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 and make full contact with both the new window and structural opening surfaces. Silicone caulk should be forced into joint or compressed to assure full contact on both surfaces and to expel any air pockets.

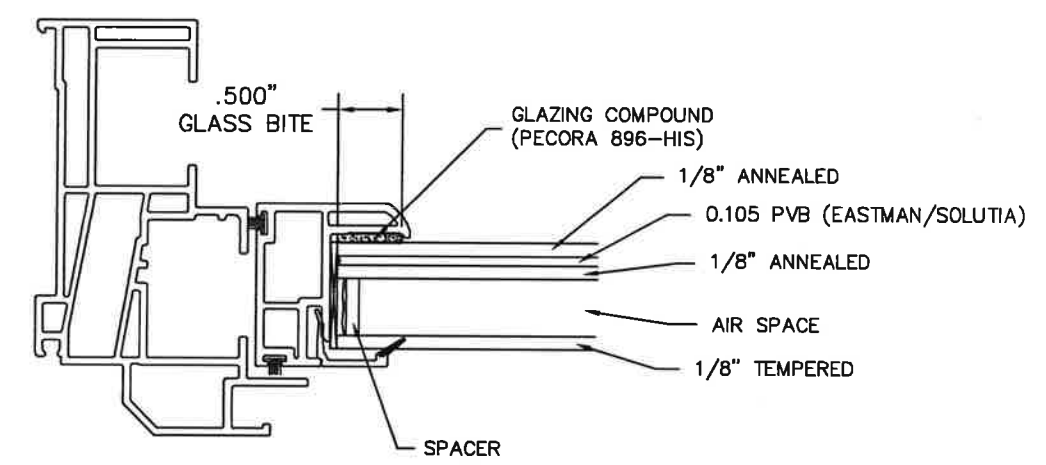
TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DIST.
A	CONCRETE (2.85 KSI MIN.)	3/16" ELCO ULTRACON	1"	1"
B	HOLLOW OR GROUT-FILLED CMU (ASTM C90)	3/16" ELCO ULTRACON	1-1/4"	2 1/2"
C	2X MIN. SOUTHERN PINE WOOD (G=0.55)	3/16" ELCO ULTRACON	1-3/8"	3/4"
D	2X MIN. SOUTHERN PINE WOOD (G=0.55)	#10 WOOD SCREW	1-3/8"	3/4"
E	16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN.	#10-16 ITW TEKS SELF-DRILLING SCREW	SEE NOTE 11	1/2"
F	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING/DRILLING SCREW	SEE NOTE 11	1/2"

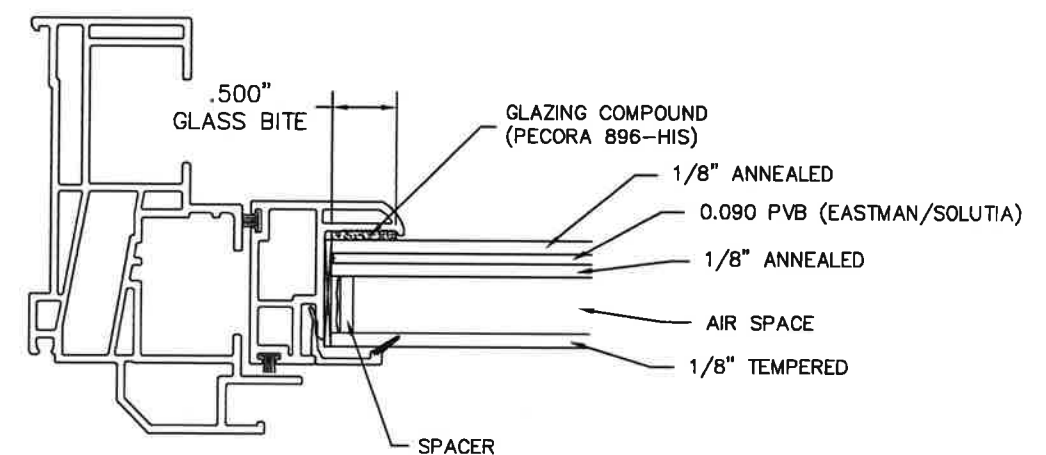


22  
11/3/2017  
LUCAS A. TURNER, P.E.  
FL PE # 58201  
TURNER ENGINEERING & CONSULTING, INC.  
(COA # 29779)  
1239 JABARA AVE.  
NORTH PORT, FL 34288  
PH. 941-380-1574

REV. #	REVISIONS:	REVISED BY:	DATE:
6	UPDATED SIZES PER NEW TESTING.	T.D.D.	12/17/13
7	UPDATED FOR MULTIPLE SUBSTRATE TYPES	L.A.T.	9/15/14
8	ADDED 53X76 SIZE DP50	L.A.T.	6/30/15
9	ADDED TEST REPORT NUMBER TO NOTE 15.	LMH	4/18/17
10	REMOVED PRE-DRILLED HOLES. ADDED NOTES 16 & 17 - AAMA 800.	LMH	10/27/17



1" INSULATED TEMPERED/ANNEALED IMPACT GLASS  
WITH 0.105" PVB INTERLAYER  
37" X 76" AND 53" X 76" DOUBLE HUNG (OPTIONAL)



1" INSULATED TEMPERED/ANNEALED IMPACT GLASS  
WITH 0.090" PVB INTERLAYER  
37" X 84" DOUBLE HUNG (OPTIONAL)

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**Product Approval**  
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 **Application Detail**



FL #	FL14787-R3
Application Type	Revision
Code Version	2017
Application Status	Approved
Comments	
Archived	<input type="checkbox"/>
Product Manufacturer	Simonton/Ply Gem Windows
Address/Phone/Email	3948 Townsfair Way, Suite 200 Suite 200 Columbus, OH 43219 (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	Mullions
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> 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	12/31/2020
Validated By	Scott Wolters, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received
Certificate of Independence	<a href="#">FL14787 R3 COI EvalReport-RM0015Br7.pdf</a>
Referenced Standard and Year (of Standard)	
Equivalence of Product Standards Certified By	
Sections from the Code	1709.8

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
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> N/A <b>Other:</b> Design pressure ratings vary by unit and mullion size. See installation drawings for applicable design pressure rating.		<b>Installation Instructions</b> <a href="#">FL14787_R3_II_RM0015Br7.pdf</a> Verified By: Lucas A.Turner PE #58201 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL14787_R3_AE_EvalReport-RM0015Br7.pdf</a> Created by Independent Third Party: Yes

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

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Product Approval Accepts:



Credit Card  
**Safe**

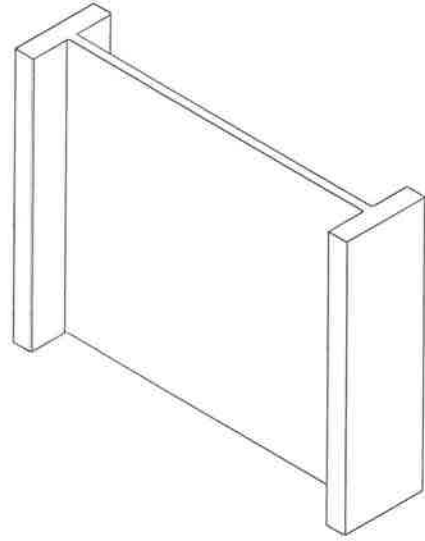


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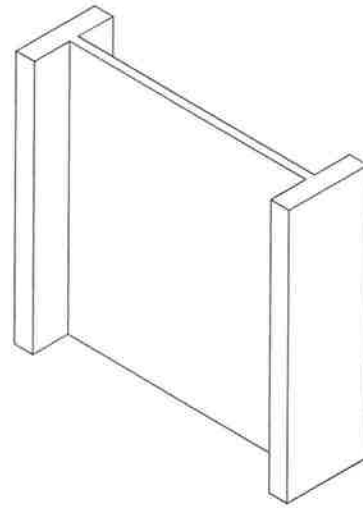
EXTRUDED NON-IMPACT VINYL MULLIONS  
 WITH ALUMINUM REINFORCEMENT  
 ALL NON-IMPACT WINDOW SERIES

MULLIONS MEET THE REQUIREMENTS OF THE CURRENT  
 FLORIDA BUILDING CODE.

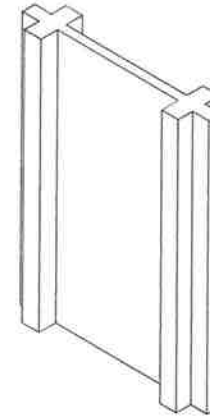
REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sht.1.	01/20/2012	CAP
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC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



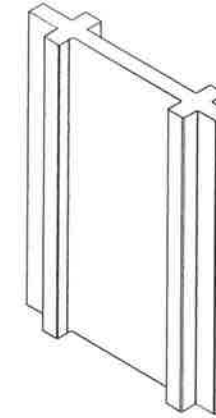
LARGE MULLION  
 REINFORCEMENT CM0146  
 ALUMINUM 6063-T6



LARGE MULLION  
 REINFORCEMENT #16991  
 ALUMINUM 6063-T6



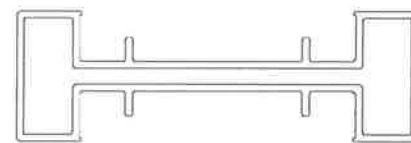
MEDIUM MULLION  
 REINFORCEMENT #16990  
 ALUMINUM 6063-T6



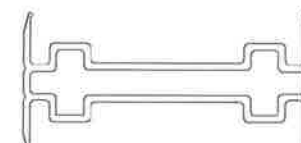
MEDIUM MULLION  
 REINFORCEMENT #20634  
 ALUMINUM 6063-T6



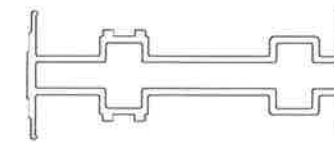
5000 FIN & J FRAME VINYL  
 H-MULLION COVER #VPI-573  
 EXTRUDED VINYL 0.071" MIN.



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.

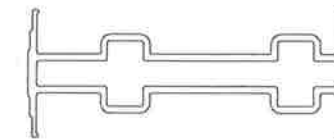
PRODUCT DESCRIPTION:

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



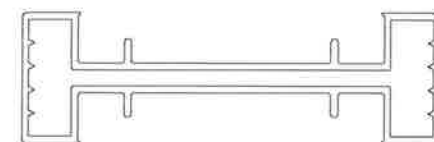
RETROFIT LARGE VINYL  
 H-MULLION COVER #VPI-354  
 EXTRUDED VINYL 0.071" MIN.

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



4000 SERIES MEDIUM VINYL  
 H-MULLION COVER #MP0347  
 EXTRUDED VINYL 0.070" MIN.

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/CONC. SUBSTRATE



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

 10/3/2017 LUCAS A. TURNER, P.E. FL PE #58201 TURNER ENGINEERING & CONSULTING, INC. FBPE D.O.A. #28779 PH. 941-380-1574 1239 JABARA AVE. NORTH PORT, FL 34288	 SCALE: 0.75:1 SHEET: 1 of 8	10/3/2017 DRAWN BY: RTW CHECKED BY: TDD	01/20/12 DATE: 3-20-08 DATE: 12/18/08
		APPROVED BY: CAP	TITLE: REINFORCED VINYL MULLIONS

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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 shf.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

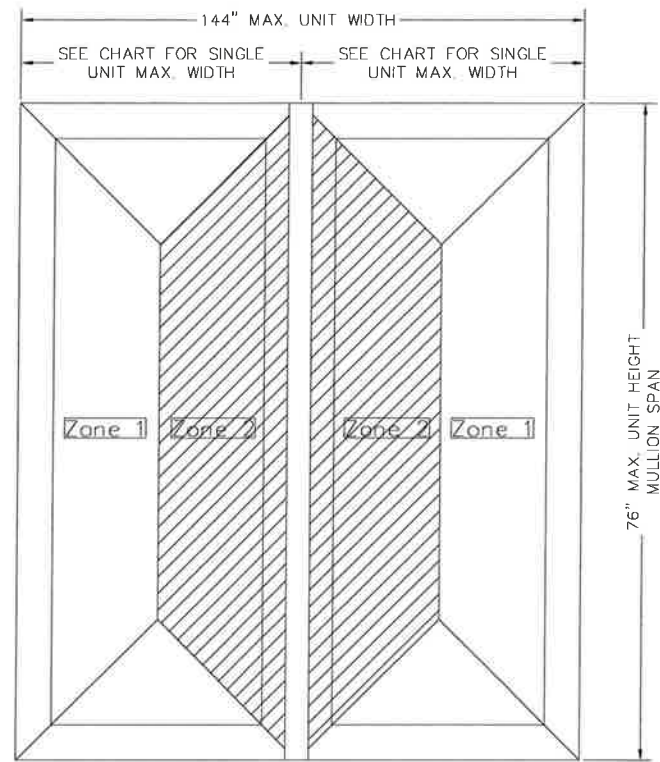


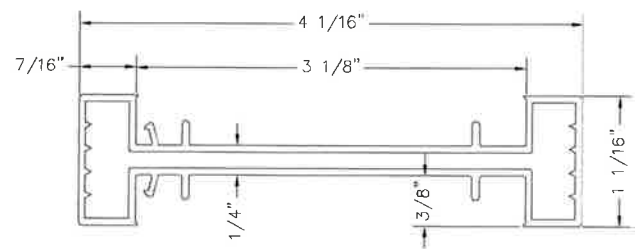
TABLE A - MAXIMUM DESIGN PRESSURES (PSF)  
 MULLION # CM0146

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
44	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
52	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	75	75	75	70	70	70	70	70	70	70
60	75	75	75	75	70	65	65	65	60	60	60	60	60
64	75	75	70	65	65	60	55	55	55	55	55	55	55
68	75	75	65	60	55	55	50	50	50	50	45	45	45
72	75	70	60	55	55	50	45	45	45	45	40	40	40
76	70	65	55	50	50	45	45	40	40	40	40	40	35
80	65	60	55	50	45	40	40	40	35	35	35	35	35
84	65	55	50	45	40	40	35	35	35	35	30	30	30
88	60	55	45	45	40	35	35	35	30	30	30	30	30
92	55	50	45	40	35	35	35	30	30	30	25	25	25
96	55	45	40	40	35	35	30	30	30	25	25	25	25

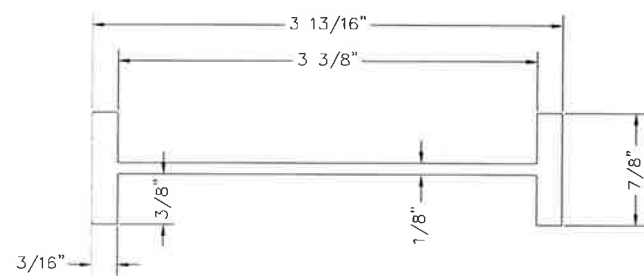
MAXIMUM SINGLE WINDOW WIDTH

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" MIN.



LARGE MULL REINFORCEMENT #CM0146  
 ALUMINUM 6063-T6



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

22

10/3/2017

LUCAS A. TURNER, P.E. FL PE #58201  
 TURNER ENGINEERING & CONSULTING, INC.  
 FBPE C.O.A. #23779 PH. 941-380-1574  
 1235 JABARA AVE. NORTH PORT, FL 34288

**SIMONTON**  
 WINDOWS

SCALE: 0.75:1 SHEET 2 of 8

SERIES: ALL MULLED PRODUCTS  
 TITLE: REINFORCED VINYL MULLIONS

DATE: 3-20-06	DATE: 12/18/08	DATE: 01/20/12
DRAWN BY: RTW	CHECKED BY: TDD	APPROVED BY: CAP
DRAWING NUMBER: REV. C   RM0015B   7		



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

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, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes shf.1.	01/20/2012	CAP
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
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7	Updated Note 1, Sheet 1	10/03/2017	LMH

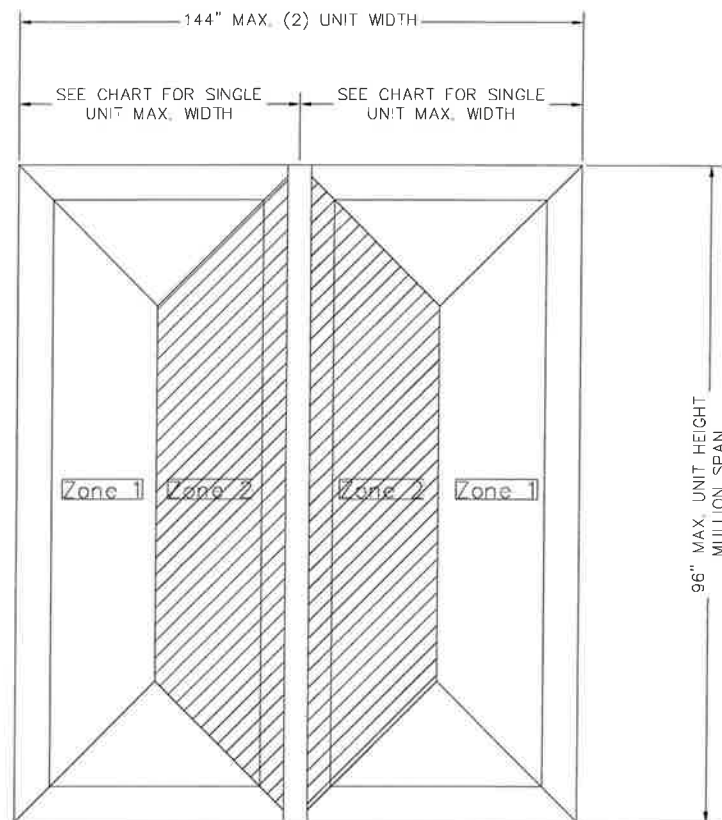
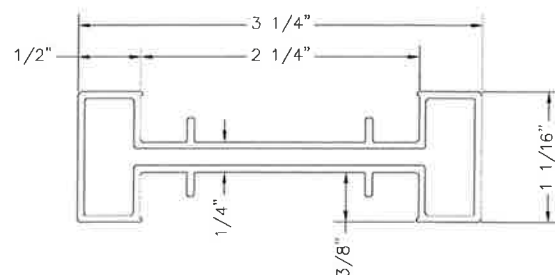


TABLE B - MAXIMUM DESIGN PRESSURES (PSF)  
MULLION #16991

Mullion Length	Individual Unit Width												
	24	28	32	36	40	44	48	52	56	60	64	68	72
40	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
48	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
56	75	75	75	75	75	75	75	70	70	70	70	70	70
60	75	75	75	75	70	65	65	65	60	60	60	60	60
64	75	75	70	65	65	60	55	55	55	55	55	55	55
68	75	75	65	60	55	55	50	50	50	50	45	45	45
72	75	70	60	55	55	50	45	45	45	45	40	40	40
76	70	65	55	50	50	45	45	40	40	40	40	40	35
80	65	60	55	50	45	40	40	40	35	35	35	35	35
84	65	55	50	45	40	40	35	35	35	35	30	30	30
88	60	55	45	45	40	35	35	35	30	30	30	30	30
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96	55	45	40	40	35	35	30	30	30	25	25	25	25

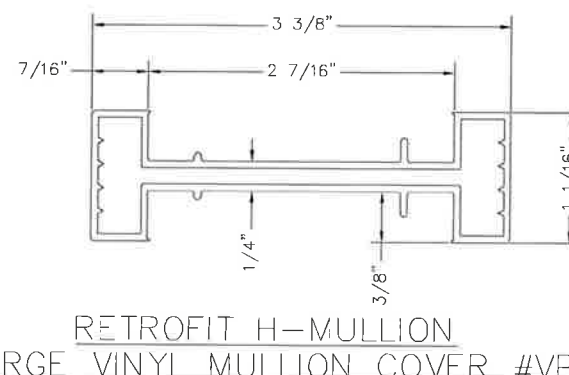


PROFINISH H-MULLION  
LARGE VINYL MULLION COVER #VPI-560  
EXTRUDED VINYL .079" MIN.

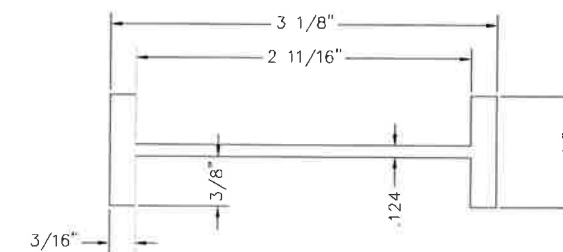
MAXIMUM SINGLE WINDOW WIDTH

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

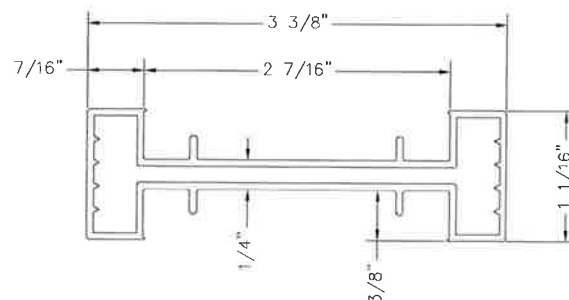
MULLION TRIBUTARY WIDTH = SUM  
OF ZONE 2 WINDOW WIDTHS



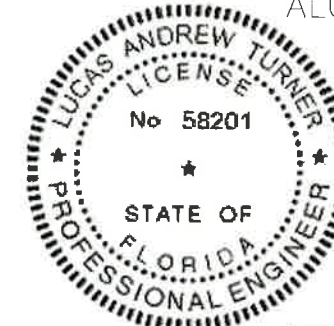
RETROFIT H-MULLION  
LARGE VINYL MULLION COVER #VPI-354  
EXTRUDED VINYL .071" MIN.



LARGE MULL REINFORCEMENT #16991  
ALUMINUM 6063-T6



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



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

ZZ  
10/3/2017  
LUCAS A. TURNER, P.E. FL PE #58201  
TURNER ENGINEERING & CONSULTING, INC.  
FIRE C.D.A. #21779 PH. 941-380-1574  
1230 JABARA AVE. NORTH PORT, FL 34268

SIMONTON WINDOWS  
SCALE: 0.75" = 1" SHEET: 3 of 8  
SERIES: ALL MULLED PRODUCTS  
FILE: REINFORCED VINYL MULLIONS

SIZE: DRAWING NUMBER: REV: C1 RM0015B 7  
DRAWN BY: RTW DATE: 3-20-08  
CHECKED BY: TOD DATE: 12/18/08  
APPROVED BY: CAP DATE: 01/20/12





1 COCHRANE AVE. PENNSBORO, WV 26115  
PH. 800-426-2249

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, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sh1.1	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

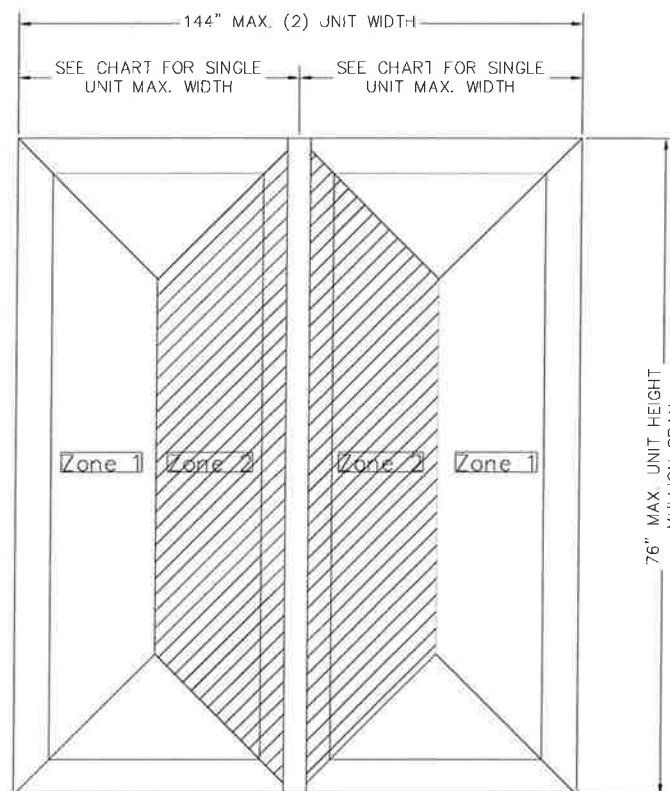


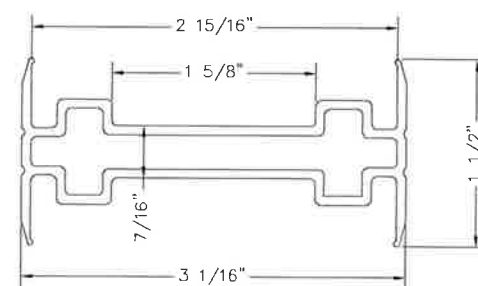
TABLE C - MAXIMUM DESIGN PRESSURES (PSF)  
MULLION #16990

Mullion Length	Individual Unit Width													
	24	28	32	36	40	44	48	52	56	60	64	68	72	
40	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	
48	75	75	75	75	75	75	75	75	75	75	75	75	75	
52	75	75	75	75	75	75	75	70	70	70	70	70	70	
56	75	75	70	65	60	60	55	55	55	55	55	55	55	
60	70	60	55	50	50	45	45	40	40	40	40	40	40	
64	60	50	45	40	40	35	35	35	30	30	30	30	30	
68	45	40	35	35	30	30	25	25	25	25	25	25	25	
72	40	35	30	25	25	25	20	20	20	20	20	20	20	
76	35	30	25	20	20	20	20	15	15	15	15	15	15	

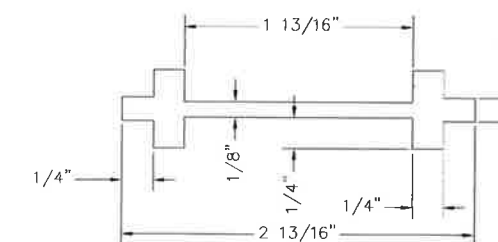
MAXIMUM SINGLE WINDOW WIDTH

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

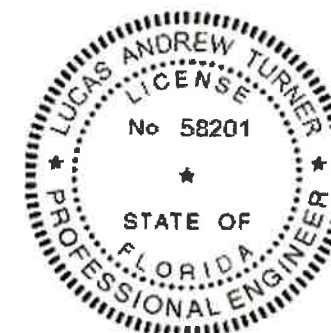
MULLION TRIBUTARY WIDTH = SUM  
OF ZONE 2 WINDOW WIDTHS



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



MEDIUM MULL REINFORCEMENT #16990  
ALUMINUM 6063-T6



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

 10/3/2017 LUCAS A. TURNER, P.E., FL PE #58201 TURNER ENGINEERING & CONSULTING, INC. 12250 JAMAICA AVE., NORTH PORT, FL 34286	SCALE: 0.75:1 SHEET 4 of 8	SIMONTON WINDOWS	C1 RM0015B1 7 DRAWN BY: RTW CHECKED BY: TDD APPROVED BY: CAP	DATE: 3-20-08 DATE: 12/18/08 DATE: 01/20/12
	SERIES: ALL MULLED PRODUCTS TITLE: REINFORCED VINYL MULLIONS			



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

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, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes shf.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

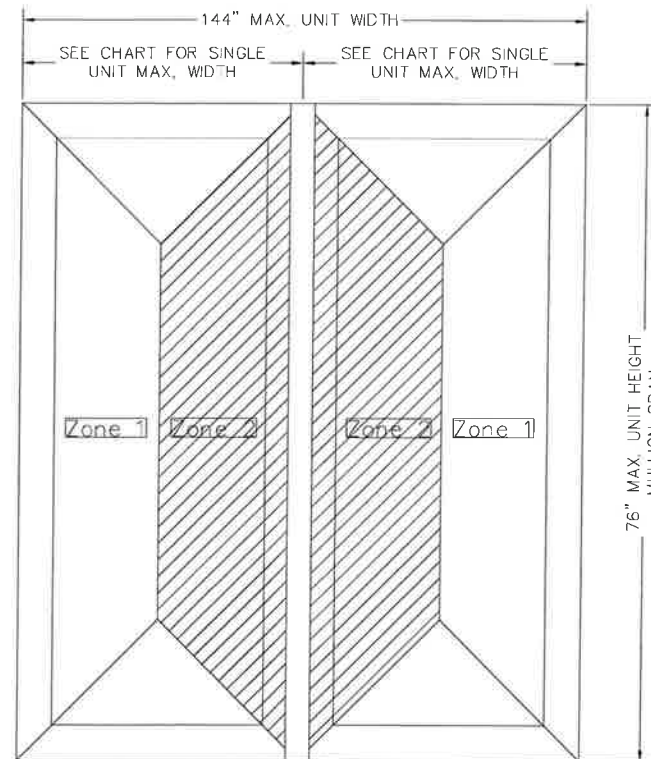


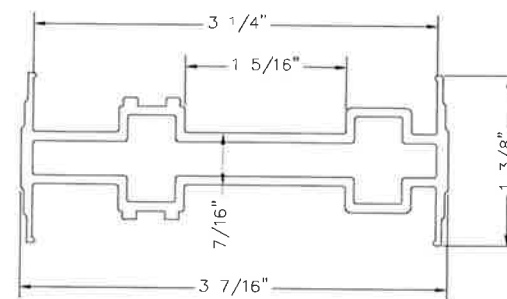
TABLE D - MAXIMUM DESIGN PRESSURES (PSF)  
MULLION # 20634

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
44	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
52	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	70	65	60	60	60	60	60	60	60	60
60	75	65	60	55	50	50	45	45	45	45	45	45	45
64	60	55	50	45	40	40	35	35	35	35	35	35	35
68	50	45	40	35	30	30	30	25	25	25	25	25	25
72	40	35	30	30	25	25	25	20	20	20	20	20	20
76	35	30	25	25	20	20	20	20	15	15	15	15	15

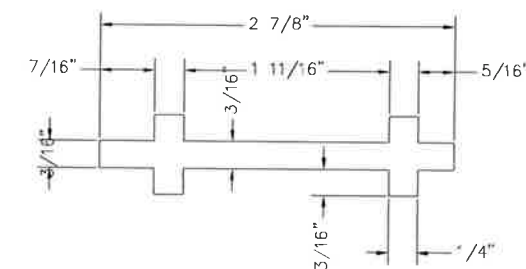
MAXIMUM SINGLE WINDOW WIDTH

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

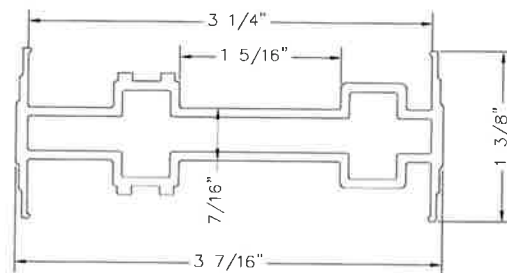
MULLION TRIBUTARY WIDTH = SUM  
OF ZONE 2 WINDOW WIDTHS



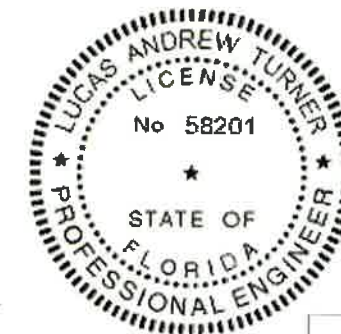
MEDIUM H-MULLION VINYL COVER #VPI-436  
FOR ANY RETROFIT HOOKED FRAME  
EXTRUDED VINYL .070" MIN.



MEDIUM MULL REINFORCEMENT #20634  
ALUMINUM 6063-T6



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



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

27

10/3/2017

LUCAS A. TURNER, P.E. FL PE #58201  
TURNER ENGINEERING & CONSULTING, INC.  
FIFE C.O.A. #28779 PH. 941-380-1574  
1239 JAGARA AVE. NORTH PORT, FL 34288

SIMONTON WINDOWS

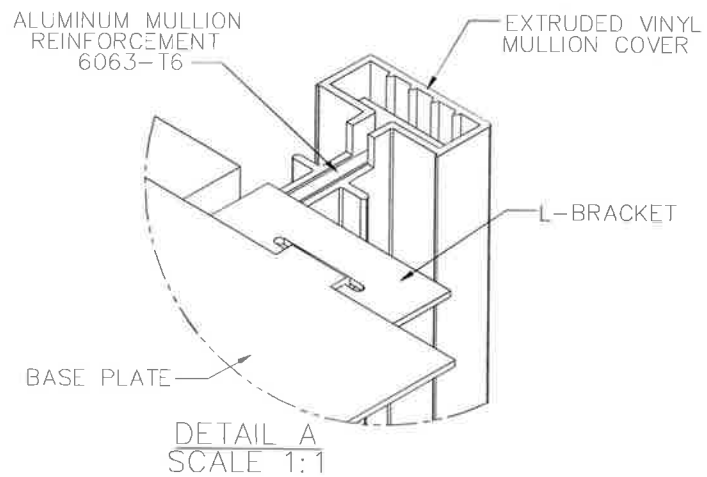
SCALE: 0.75" = 1" SHEET 5 of 8

SERIES: ALL MULLED PRODUCTS  
TITLE: REINFORCED VINYL MULLIONS

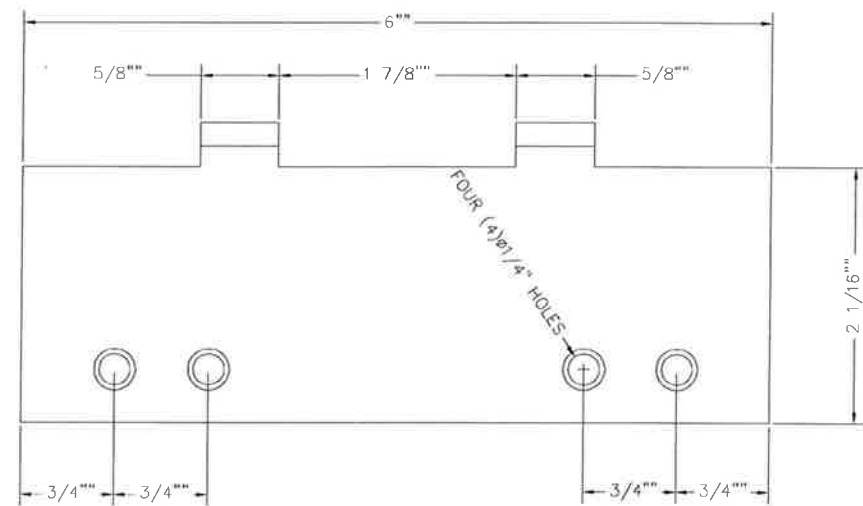
DRAWING NUMBER: RM0015B1 7	DATE: 3-20-08
DRAWN BY: RTW	CHECKED BY: TDD
DATE: 12/18/08	DATE: 01/20/12
APPROVED BY: CAP	

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

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

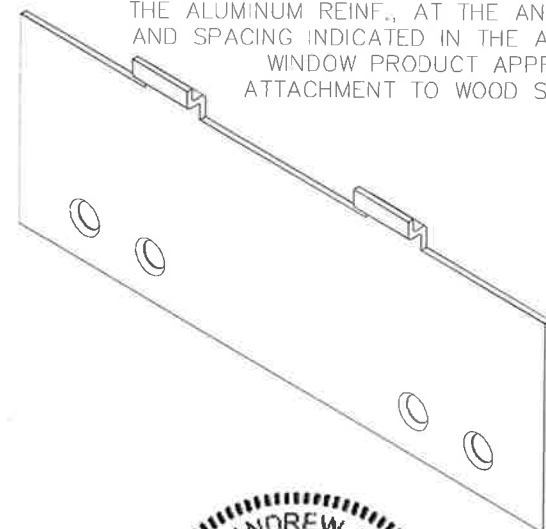


REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes shf.1.	01/20/2012	CAP
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7	Updated Note 1, Sheet 1	10/03/2017	LMH

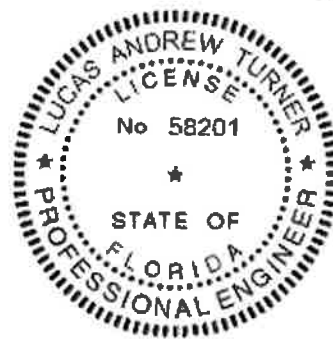


REINFORCEMENT BASE PLATE DETAIL  
 .060" MIN. STAINLESS STEEL  
 ANSI 302/304

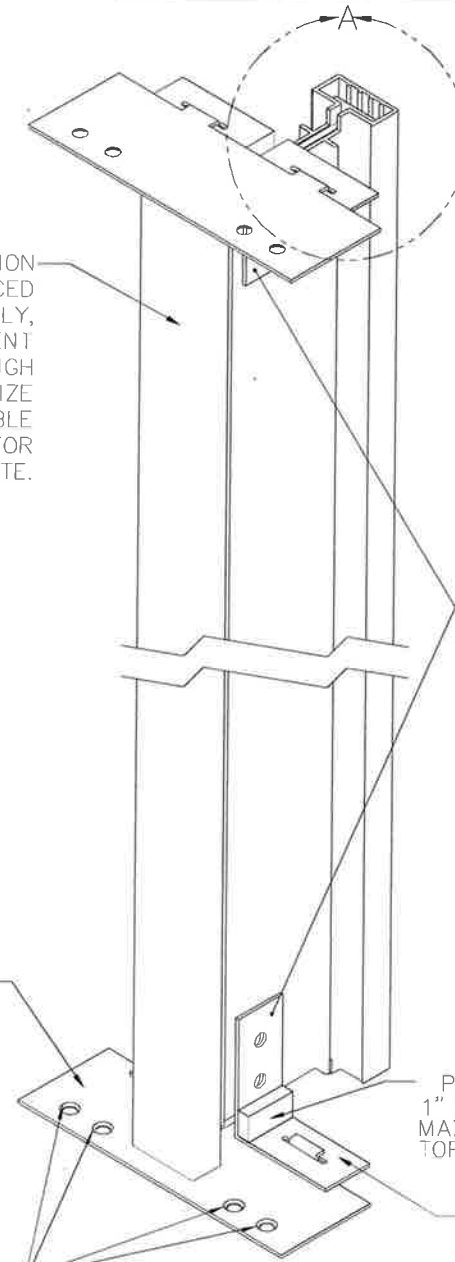
SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ATTACHING REINFORCED MULLIONS TO WINDOW UNITS. TYPICALLY, USE SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO FULLY ENGAGE THREADS THROUGH THE ALUMINUM REINF., AT THE ANCHOR SIZE AND SPACING INDICATED IN THE APPLICABLE WINDOW PRODUCT APPROVAL FOR ATTACHMENT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



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



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



L-BRACKET IS ATTACHED TO VINYL MULLION COVER AND MULLION REINFORCEMENT USING (2) RIVETS OR BARREL NUTS (305 LB. MAX. SHEAR) 2 PLACES EACH L-BRACKET (REFER TO TABLE 1)

ASSEMBLED MULLION ATTACHMENT VIEW

TABLE 1 - MULLION ATTACHING HARDWARE

RIVET	.25 D/A. 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

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).

22

10/3/2017

LUCAS A. TURNER, P.E. FL PE #58201  
 TURNER ENGINEERING & CONSULTING, INC.  
 FBPE C.O.A. #29778 PH. 941-380-1574  
 1239 JABARA AVE, NORTH PORT, FL 34288

SCALE: 0.75:1 SHEET: 6 of 8

SIMONTON WINDOWS

DATE: 3-20-08  
 DATE: 12/18/08  
 DATE: 01/20/12

REVISIONS: 7

APPROVED BY: CAP

TITLE: REINFORCED VINYL MULLIONS

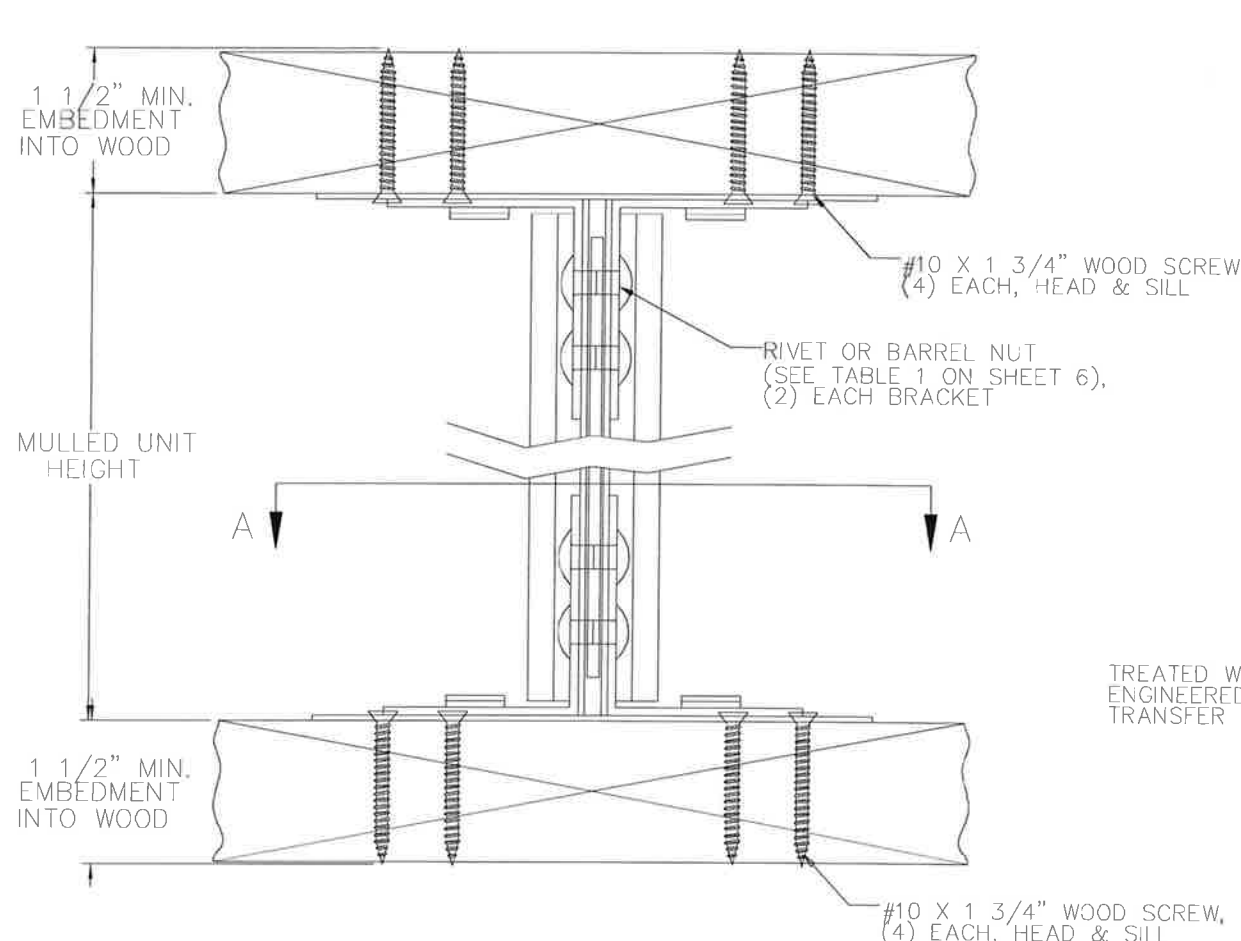


1 COCHRANE AVE. PENNSBORO, WV 26415  
PH. 800-426-2249

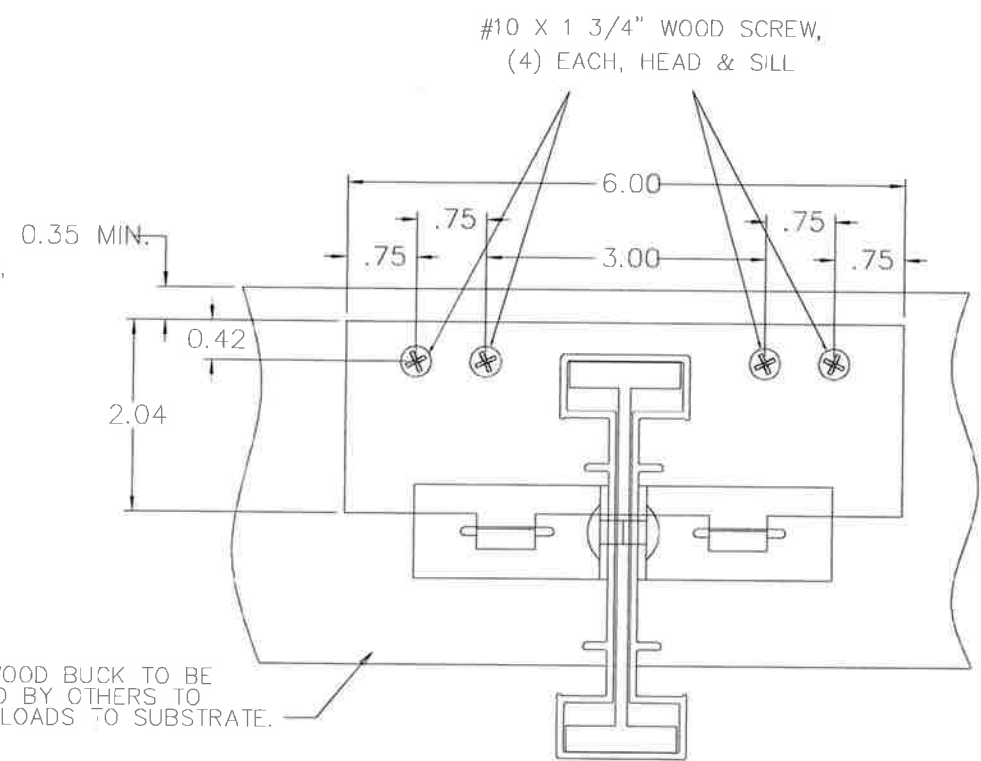
EXTRUDED NON-IMPACT VINYL MULLIONS  
WITH ALUMINUM REINFORCEMENT  
ALL NON-IMPACT WINDOW SERIES

REVISIONS

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sht.1.	01/20/2012	CAP
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7	Updated Note 1, Sheet 1	10/03/2017	LMH



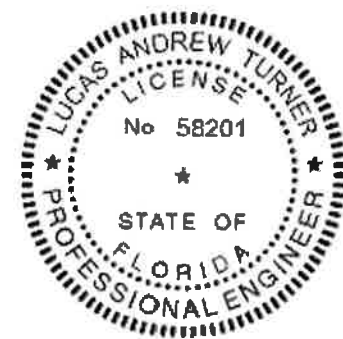
VERTICAL CROSS SECTION WITH 2X WOOD SUBSTRATE



SECTION A-A

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.



ZZ

10/3/2017

LUCAS A. TURNER, P.E. FL PE #58201  
TURNER ENGINEERING & CONSULTING, INC.  
FBCP C.O.A. #23779 PH. 941-380-1574  
1239 JABARA AVE, NORTH PORT, FL 34268

SIMONTON WINDOWS

SCALE: 0.75:1 SHEET: 7 of 8

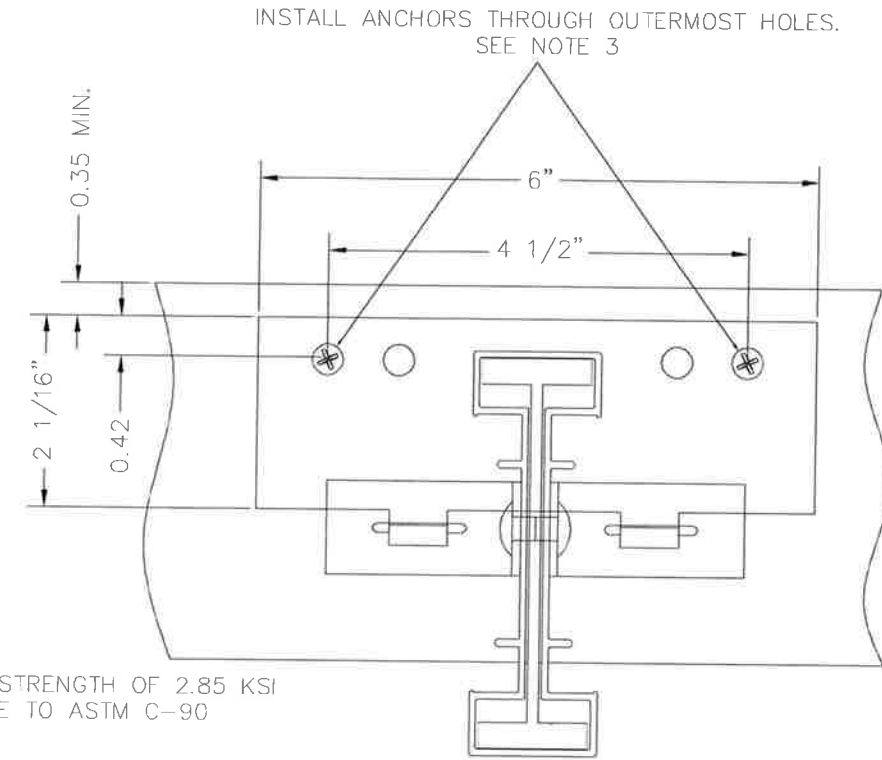
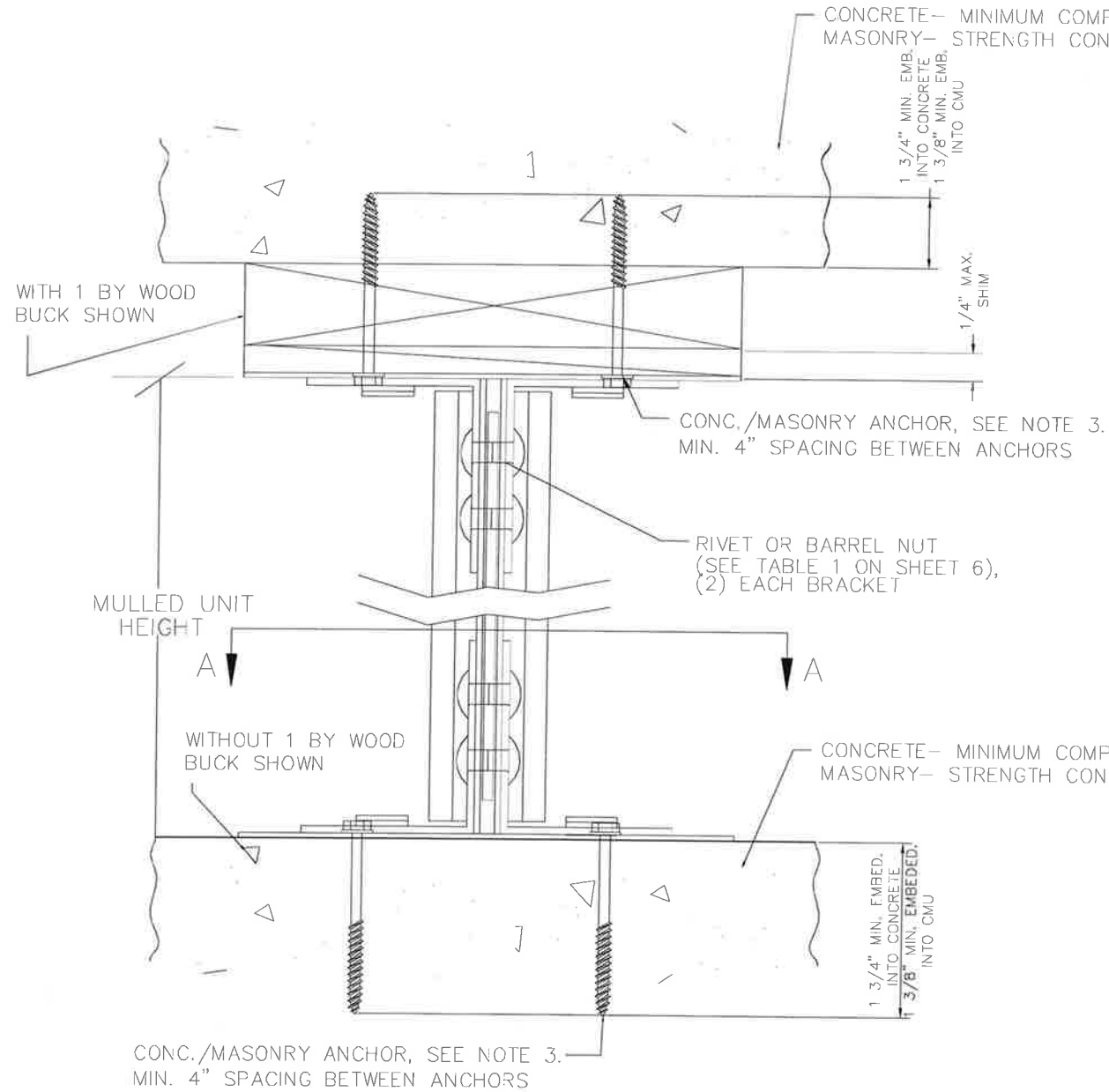
SERIES: ALL MULLED PRODUCTS  
TITLE: REINFORCED VINYL MULLIONS

SIZE: DRAWING NUMBER: REV: C1 RM0015B 7
DRAWN BY: RTW DATE: 3-20-08
CHECKED BY: TDD DATE: 12/18/08
APPROVED BY: CAP DATE: 01/20/12

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

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, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes shf.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



SECTION A-A

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 HVHZ.
  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 UTRACONS 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.



ZZ	10/3/2017	SCALE: 0.75:1	SHEET: 8 of 8	APPROV. BY: CAP	DATE: 01/20/12
	LUCAS A. TURNER, P.E. FL PE #00201 TURNER ENGINEERING & CONSULTING, INC. 1230 JABARA AVE., NORTH PORT, FL 34288	SYZ / DRAWING NUMBER / REV. C / RM0015B / 7	SIMONTON WINDOWS		DRAWN BY: RTW CHECKED BY: TDD
TITLE: REINFORCED VINYL MULLIONS					



Ron DeSantis, Governor

Halsey Beshears, Secretary



## STATE OF FLORIDA

### DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

#### CONSTRUCTION INDUSTRY LICENSING BOARD

THE GLASS AND GLAZING CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

**MEISTER, HOWARD NATHAN**

BAXTER WINDOWS AND DOORS LLC  
102 DRENNEN ROAD SUITE B11  
ORLANDO FL 32806

LICENSE NUMBER: SCC131152146

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at [MyFloridaLicense.com](http://MyFloridaLicense.com)

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



RECEIVED APR 12 2019



2018  
3501 GEN CONT- RESIDENTIA \$30.00

EXPIRES 9/30/2019  
1 EMPLOYEE

3501-1119393

TOTAL TAX \$30.00  
PREVIOUSLY PAID \$30.00  
TOTAL DUE \$0.00

MEISTER HOWARD N

BAXTER WINDOWS LLC  
102 DRENNEN RD  
SUITE B11-12  
ORLANDO FL 32806-6187

185 DRENNEN RD #B11-12  
A - ORLANDO, 32806

PAID: \$30.00 0098-00831700 7/12/2018

**Tax Collector Scott Randolph**

**Local Business Tax Receipt**

**Orange County, Florida**

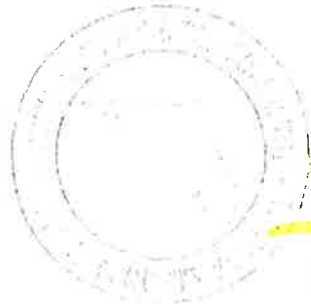
This local Business Tax Receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

2018  
3501 GEN CONT- RESIDENTIA \$30.00

EXPIRES 9/30/2019  
1 EMPLOYEE

3501-1119393

TOTAL TAX \$30.00  
PREVIOUSLY PAID \$30.00  
TOTAL DUE \$0.00



MEISTER HOWARD N

BAXTER WINDOWS LLC  
102 DRENNEN RD  
SUITE B11-12  
ORLANDO FL 32806-6187

185 DRENNEN RD #B11-12  
A - ORLANDO, 32806

PAID: \$30.00 0098-00831700 7/12/2018

This receipt is official when validated by the Tax Collector.

Orange County Code requires this local Business Tax Receipt to be displayed conspicuously at the place of business in public view. It is subject to inspection by all duly authorized officers of the County.







JIMMY PATRONIS  
CHIEF FINANCIAL OFFICER

STATE OF FLORIDA  
DEPARTMENT OF FINANCIAL SERVICES  
DIVISION OF WORKERS' COMPENSATION

RECEIVED APR 12 2019

**\*\* CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW \*\***

**CONSTRUCTION INDUSTRY EXEMPTION**

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

**EFFECTIVE DATE:** 2/11/2019

**EXPIRATION DATE:** 2/10/2021

**PERSON:** HOWARD N MEISTER

**EMAIL:** NATHAN@BAXTERWINDOWS.COM

**FEIN:** 832279091

**BUSINESS NAME AND ADDRESS:**

BAXTER WINDOWS AND DOORS LLC

102 DRENNEN RD SUITE B11

ORLANDO, FL 32806

**SCOPE OF BUSINESS OR TRADE:**

Door and Window Installation    Carpentry    Installation Of    Glazier Away From Shop and  
 All Types     Residential and    Cabinet Work or Interior Trim    Drivers  
Commercial

---

IMPORTANT: Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt... apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.