



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

PERMIT CARD - PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD. PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS; SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.

Scope of Work: WINDOWS: replace 4 windows, size for size

Comments: None

Project Information

Address: 5107 Louvre Avenue, Belle Isle, FL 32812
Parcel ID: 17-23-30-4378-01-200
Property Owner: Mellow, Michael & Candi
Phone Number: 321-303-4928

Company Name: FASWD, LLC
Contractor Name: Varga, Scott
License Number: CGC1518212
Address: 3020 Mercy Drive, Orlando, FL 32808
Phone Number: 407-489-8683

Permit Number: 2015-08-037

Date of Application: 08/17/2015

Date Permit Issued: 08/20/2015

WARNING TO OWNER: "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

BUILDING FEATURES

IMPACT FEES

Traffic \$
School \$

ZONING FEES

Zoning Fee \$

UNIVERSAL ENG - BUILDING FEES

Boat Dock \$
Boat House \$
Building \$
Demo \$
Door(s) \$
Driveway \$
Electrical \$
Fence \$
Gas \$
Irrigation \$
Low Voltage \$
Mechanical \$
Plumbing \$
Pool \$
Roofing \$
Screen End \$
Shed \$
Temp Pole \$
Window(s) \$73.50

SURCHARGE FEES

Surcharge Fee \$2.00
Surcharge Fee \$2.00

TOTAL FEES \$77.50

Date Paid 8/19/15

CC or Check # Visa 4147

Amount Paid \$77.50

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

BUILDING INSPECTOR USE ONLY

IF APPLICABLE:

Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions Been Met? YES NO

Have Silt fencing in place? YES NO Have Turbidity Barrier in place? YES NO

1 BUILDING

1st Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____ (Footing/Foundation)

2nd _____ (Slab)

3rd _____ (Lintel)(Wall Reinforcing on Masonry Building)

4th _____ (Exterior Framing)(Roof/Wall Sheathing)

5th _____ (Framing). (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins & Windows/Doors Installed)

6th _____ (Insulation to be Made After Roof Installed)

7th _____ (Drywall)

8th _____ (Sidewalk/Driveway)

9th _____ (Other)

10th _____ (Final - After MEP and Other Applicable Finals)

ROOFING OSHA APPROVED ACCESS MUST BE MADE AVAILABLE TO INSPECTOR

1st ROOFING Deck Nailing/Dry-in/Flashing _____

2nd ROOFING Covering In-Progress _____

3rd ROOFING Covering Final _____

PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)

1st _____ (Underground) 2nd _____ (Sewer)

3rd _____ (Rough-In/Tub Set) 4th _____ (Final)

CHECK APPROPRIATE BOX

GAS ___ Natural ___ LP MECHANICAL ELECTRICAL LOW VOLTAGE

1st _____ (Rough-In) 2nd _____ (Final)

Inspection requests are to be emailed to BidScheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 1pm. 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.

For a copy of your permit, or to check inspection results, please visit <https://universalengineering.sharefile.com/f/fo94edc4-832d-44bd-9809-ecf32f9e2e63>

login ID = cobi@universalengineering.com

password = [universall1](http://universale.com)

PROJECT NUMBER 0115.1501102.0000

TASK NUMBER 01

CITY OF BELLE ISLE
Permit Application Review Sheet

Permit Number	2015-08-037
Property Owner	Melloni, Condi & Michael
Address	5107 LAURE AVUE
Nature of Improvement	Replace 4 windows, 2 doors size for site
Received Application	8/17/15
Sent for Stormwater Review	N/A
Stormwater Approved	
Sent for Zoning Review	N/A
Zoning Approved	
Applied for Variance	N/A
Variance Approved	
Sent to BO for Review	
Building Official Approved	

Comments

1.	Susan 8-18-15	waiting on pag 2 of app
2.	NOC	???
3.		get it
4.	1st lk	25
5.	Cox 14.7	24
6.		49 ÷ 2 =
7.		24.50
8.		73.50
9.		
10.		
11.	Span 8-20-15	jeana.mai@gmail.com
12.	19th. 8/20/15	taxle permit

Received payment; Emailed to client;
" " Scanned for Sharefile.

Rec Fee: \$10.00
Deed Doc Tax: \$0.00
Mortgage Doc Tax: \$0.00
Intangible Tax: \$0.00
Martha O. Haynie, Comptroller
Orange County, FL
Ret To: SIMPLIFILE LC

Prepared By: J. Young
Return to: FASWD, LLC
3020 Mercy Dr. Orlando, FL 32809

NOTICE OF COMMENCEMENT

State of Florida
County of ORANGE
Parcel ID: 17-73-30-4378-01-200 Perm#:

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

1. Legal description of Property (and street address if available): Lake Conway Estates Sec 1 X/37 Lot 20 BILKA SIDOR LOUIZE AVE Belle Isle
2. General description of improvement: 5107 LOUIZE WINDOW & DOOR REPLACEMENT
- 3 a. Owner name/address: CAROL WELLOW 5107 LOUIZE AVE, BELLE ISLE, FL 32812
b. Interest in property: OWNER
c. Name and address of fee simple title holder (if other than owner): None
4. Contractor Name and Address: FASWD, LLC 3020 MERCY DRIVE, ORLANDO, FL 32809
Phone: 407-770-0184 Fax: 407-770-0187
5. Surety - Name and Address: N/A
Amount of bond: \$
6. Lender - Name and Address: N/A

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a) 7, Florida Statutes:

8. In addition to him/herself, Owner designates the following person(s) to receive a copy of the Lien or's Notice as provided in Section 713.13(1)(b), Florida Statutes (Provide Name/Mailing Address):

9. NDC expiration date (one full year from the date of recording unless different date is specified):

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 1, 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.

Verification pursuant to Section 92.525, Florida Statutes: Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Carol Wellow
Signature of Owner/A Natural Person (or Owner's Authorized Officer/Director/Partner/Manager)

The foregoing instrument was acknowledged before me this 21 day of YUNE 2015, (type of authority) for Carol Wellow (print name of person) as OWNER (type of authority) for SELF (name of party on behalf of whom instrument was executed).

Frank J. Martinus
Notary Public
Personally Known -OR- Produced Identification





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Building Permit (Land Use) Application
 To be completed as required by State Statute Section 713 and other applicable sections.

PERMIT # 2015-08-037

Owner's Name Candi Mellow
 Owner's Address 5107 Louvre Ave Belle Isle, FL 32812

Contractor Name	<u>Scott A. Varga</u>	Company Name	<u>FASWD, LLC</u>
License #	<u>CGC1518212</u>	Company Address	<u>3020 Mercy Drive</u>
Contact Phone/Cell	<u>407-489-8683-Jenna</u>	City, State, ZIP	<u>Orlando FL 32808</u>
Contact Email	<u>Jenna.mail@gmail.com</u>	Contact Fax	

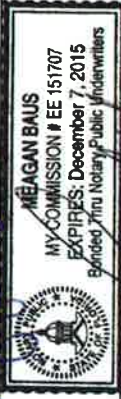
WARNING TO OWNER: Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement.

I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations (www.floridabuilding.org) and City Ordinances (www.municode.com) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and/or ordinances. Application is hereby made to obtain a permit to do the 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 will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ROOFING, ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, ETC.

OWNER'S AFFIDAVIT: 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.

Owner Signature [Signature]
 The foregoing instrument was acknowledged before me this 8/4/15
 by CANDI MELLOW who is personally known to me

and who produced
 as identification and who did not take an oath.
 Notary as to Owner
 State of Florida
 County of Orange



Contractor Signature [Signature]
 COMPANY NAME FASWD, LLC
 The foregoing instrument was acknowledged before me this 8/12/15
 by Scott A. Varga who is personally known to me

and who produced
 as identification and who did not take an oath.
 Notary as to Owner
 State of Florida
 County of Orange



Impervious Surface Ratio Worksheet

Development Zoned A-1, A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per City Code, Section 50-74: Impervious Surface Ratio

- Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE).
 Total Lot Area _____ X 0.35 =
 Allowable Impervious Area (BASE) _____
- Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater.
 Examples include house, pool, deck, driveway, accessory building, etc
 - House _____
 - Driveway _____
 - Walkway _____
 - Accessory Buildings _____
 - Pool & Spa _____
 - Deck & Patio _____
 - Other _____
- If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention.
- If AIA is greater than BASE, then onsite retention **must be provided**.
 Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP-40), the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed



City of Belle Isle
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalsengineering.com

Building Permit (Land Use) Application

DATE: 8-13-15 PERMIT # 2015-08-037
 PROJECT ADDRESS 5107 Louvre Ave Belle Isle, FL 32809 32812
 PROPERTY OWNER Candi Mellow PHONE 321-303-4928 VALUE OF WORK (labor & material) \$ 6229.00

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

Replace 4 windows to 2 Doors - All size for size

- Please provide information, if applicable.
- Survey specific foundation plan required to show compliance with zoning setbacks
- **BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
- **SEPTIC SYSTEM (RESIDENTIAL):** - Provide verification of OC Health Dept approval for on-site septic tank system, per FAC Chap. 64E-6
- Homeowners will be required to have a contractor on record for homes that are rented and/or not homestead

Please Complete for the City of Belle Isle Zoning Review: Parcel Id Number: 17-23-36-4378-01-200

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

Wind Exposure Category: B C D

SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROACH INTO ANY EASEMENT OR REQUIRED SETBACK. Note, this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.

Attached Survey SETS and Construction Plans SETS /
 PLANNING & ZONING APPROVAL: DATE

PLEASE COMPLETE for Building Review
 CONSTRUCTION TYPE Res: Single Fam Multi Fam
 OCCUPANCY GROUP #UNITS #STORIES TOTAL SQ.FT.
 MAX. FLOOR LOAD MAX. OCCUPANCY
 MIN. FLOOR ELEV. LOW FLOOR ELEV.
 WATER SERVICE WELL SEPTIC

BUILDING REVIEWER DATE
 VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE DATE

Per FSS 105.3.3:
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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.

SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC.

SPRINKLERS REQ'D	Y <input type="checkbox"/> N <input type="checkbox"/>	RCD	
If Required - SUBMIT COPY OF PLANS FOR FIRE REVIEW Date: Sent _____			
ZONING	Y	N	\$
CERT OF OCC	Y	N	\$
TRAFFIC	Y	N	\$
SCHOOL	Y	N	\$
FIRE	Y	N	\$
SWIMMING POOL	Y	N	\$
SCREEN ENCLOSURE	Y	N	\$
ROOFING	Y	N	\$
BOAT DOCK	Y	N	\$
BUILDING	Y	N	\$
WINDOW(S)	Y	N	\$ <u>73.50</u>
DOOR(S)	Y	N	\$
FENCE	Y	N	\$
SHED	Y	N	\$
DRIVEWAY	Y	N	\$
OTHER	Y	N	\$
3% FL SURCHARGE			<u>4.62</u>
TOTAL			<u>\$ 77.50</u>
By Owner Form	Y	NA	
Notice of Commencement	Y	NA	
Power of Attorney	Y	NA	
Contractor Packet Included?	Y	N	
OTHER PERMITS REQUIRED:			
ELECTRICAL	Y	NA	
PREPOWER	Y	NA	
MECHANICAL	Y	NA	
PLUMBING	Y	NA	
ROOFING	Y	NA	
GAS	Y	NA	

Susan Manchester

From: John Connell
Sent: Tuesday, August 18, 2015 3:52 PM
To: Susan Manchester
Subject: RE: 5107 Louvre Ave - Window Permit application

Approved

From: Susan Manchester
Sent: Tuesday, August 18, 2015 1:27 PM
To: John Connell
Cc: BIDReviews
Subject: 5107 Louvre Ave - Window Permit application

Susan

From: Lisa Whaley
Sent: Monday, August 17, 2015 3:23 PM
To: Susan Manchester
Subject: FW: Window Permit application

I printed this, created a work order and sent it to Jay for review. I entered it in Vision and on the spread sheet. The copy is in the COBI box.

Lisa Whaley
Fire Safety Inspector/Green Verifier
Universal Engineering Sciences, Inc.
3532 Maggie Blvd.
Orlando, FL 32811
Cell: **407-718-8618**
Phone **407-581-8161**
Fax **407-581-0313**
lwhaley@universalengineering.com

From: Jeana [<mailto:jeana.mail@gmail.com>]
Sent: Monday, August 17, 2015 1:25 PM
To: CobiPermits
Subject: Fwd: Window Permit application

Respectfully,

Jeana Young
407-489-8683

Jeana.mail@gmail.com

----- Forwarded message -----

From: **Jeana** <jeana.mail@gmail.com>

Date: Fri, Aug 14, 2015 at 8:51 PM

Subject: Window Permit application

To: COBpermits@universalengineering.com

Good morning,

Attached is an application for a window and door replacement permit. I will email the NOC as soon as its recorded.

Thank you.

Respectfully,

Jeana Young

[407-489-8683](tel:407-489-8683)

Jeana.mail@gmail.com

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>

Sign up for e-Notify...

🏠 My Favorites

📄 Property Record Card

📊 Results

🔍 Sales Search

5107 Louvre Ave < 17-23-30-4378-01-200 >

Name(s)
 Mellow L Michael
 Mellow Candi S
 Mailing Address On File
 5107 Louvre Ave
 Belle Isle, FL 32812-1029
 Incorrect Mailing Address?

Physical Street Address
 5107 Louvre Ave
 Postal City and Zipcode
 Orlando, FL 32812
 Property Use
 0103 - Single Fam Class III
 Municipality
 Belle Isle



🔄 Update Information

📊 Market Stats

📍 Location Info

📈 Sales Analysis

🏠 Property Features

💰 Values, Exemptions and Taxes

Property Description

LAKE CONWAY ESTATES SECTION ONE X/37 LOT 20 BLK A


Total Land Area 10,626 sqft (+/-) | 0.24 acres (+/-) GIS Calculated Notice

Land (includes working values)

Land Use Code	Zoning	Land Units	Unit Price	Land Value	Class Unit Price	Class Value
0100 - Single Family	R-1-AA	1 LOT(S)	\$60,000.00	\$60,000	\$0.00	\$60,000

Page 1 of 1 (1 total records)

Buildings (includes working values)

Important Information		Structure	
	Model Code: 01 - Single Fam Residence	Actual Year Built: 1960	Gross Area: 3016 sqft
	Type Code: 0103 - Single Fam Class III	Beds: 3	Living Area: 2414 sqft
	Building Value: \$117,010	Baths: 2.5	Exterior Wall: Concrete Block Stucco
	Estimated New Cost: \$232,255	Floors: 1	Interior Wall: Drywall

Page 1 of 1 (1 total records)

Extra Features (includes working values)

Description	Date Built	Units	XFOB Value
PT2 - Patio 2	01/01/1960	1 Unit(s)	\$2,000
SHED - Shed	01/01/1970	1 Unit(s)	\$500
PT2 - Patio 2	01/01/2010	1 Unit(s)	\$2,000

Page 1 of 1 (3 total records)

This Data Printed on 07/29/2015 and System Data Last Refreshed on 07/28/2015

Site Notice - About Us - Contact Us - OCPAFI Home - Property Search - Exemption **FRAUD** Hotline
 Orange County Property Appraiser • 200 S. Orange Avenue, Suite 1700 • Orlando, FL 32801
 Office Hours: 8:00 a.m. to 5:00 p.m. Monday - Friday • Phone: 407.836.5044
Copyright © 2010 Orange County Property Appraiser. All rights reserved.

3020 Mercy Drive
Orlando, FL 32808
(407)770-0184

MIKE & CANDI
WELLS

Tel# H: 321-303-4928

FL Lic. # CGC1518212
321-303-4928

FAS
WINDOWS & DOORS
www.faswd.com

7711 Anderson Rd.
Tampa, FL 33634
(813)514-9490

Name: _____ Title: _____ Email: _____
I/We, the owner(s) of the premises described below, hereinafter referred to as "Buyer" offer to contract with FAS Windows & Doors, hereinafter referred to as "FASWD", to furnish all materials (as there is Homeowners Association?) Yes No

5107 LOUNDE AVE (Street) BELLE ISLE (City) FL (State)

Congratulations on your purchase of the finest home improvement products in the industry today! Below are the names and contact information of key people involved with your purchase. We believe that communication is the pathway to success! Please contact the people below at any time regarding your purchase and/or installation.

Installation

You will be contacted by a member of your Installation Team to discuss the following:

1. Confirm receipt of your contract and review specifications.
2. Schedule a time for the tight measure.
3. Identify an approximate installation start or delivery date.
4. Answer any concerns you may have related to the project.

Customer Care

In the event that you have any questions or concerns regarding the window or door installation, please do not hesitate to contact your Production Coordinator, or Manager, at _____ if you feel that we did not deliver on any of our promises to you, please contact us at 407-770-0184

Quantity	Manufacturer	Series	Style	Color	Grids	Screens	Obscure/ Tinted	Line Notes
2	BH/PURISTRO	FD	RFR	*		BUNDS		NO WINDOW KIT INSTALLED
2	SIMONEN	5500	SL	W				
2	SIMONEN	5500	EV	W				

Please note all grid specifications, finish, hardware, trim and hinge details in line notes.

Special Instructions:

* DOORS COME PREASSEMBLED WHITE, CUSTOMER IS RESPONSIBLE FOR PAINTING DOORS

Please read the following bold type and initial corresponding line.

BH doors are non-finished. Failure to paint or stain doors in a timely manner may affect your rights under the manufacturer's warranty. Not Applicable

Verbal understandings and agreements with representative shall not be binding. All understandings and agreements must be set forth in writing in this Contract. I understand and recognize all terms and conditions on the front and reverse of this contract and am initialing to indicate my complete understanding. Buyer initials: *[Signature]*

HURRICANE PROTECTION I acknowledge that I am the owner of the residence and have contracted with FASWD to replace windows/doors. The home is located in an impact zone and I have existing hurricane protection equipment that complies with local jurisdiction. FASWD will not be liable if my existing protection equipment is deemed inadequate by the local government inspector after my windows are installed. In the event that my hurricane protection equipment fails inspection, I understand that FASWD will supply appropriate materials at a cost to me of \$375.00 per opening. I am initialing to indicate my complete understanding. Buyer initials: *[Signature]*

NOTE: The warranty provisions as stated on the reverse have been explained and I/We understand them fully. Additional provisions and warranties are stated on the reverse side and are part of this contract. Buyer initials: *[Signature]*

The TOTAL PRICE for all Labor & Materials (including any applicable discount) is \$6229.00
 Credit (Subject to the approval of the Credit Department)

- Credit Card (Please fill out credit card information sheet)
- Cash (Final Payment payable to Installer upon completion)

SUB TOTAL: \$6229.00
TAX (DELIVERY OR PICK UP ONLY): \$
GRAND TOTAL: \$6229.00
DEPOSIT REQUIRED: \$3114.150
BALANCE DUE: \$3114.150

If this is a credit transaction, the agreement by credit is completed in a separate document which is incorporated herein by reference and made a part hereof. IN WITNESS WHEREOF Buyer(s) have hereunto signed their name(s) this 24 day of JUNE, 2015 and acknowledge receipt of a true copy of this Contract and unless otherwise specified, it is understood that the Buyer is ready for work to begin.
You, the Buyer(s), may cancel this transaction at any time prior to midnight of the third day after the date of this transaction. Signature affixed below acts as a receipt that buyer(s) received appropriate cancellation forms. See reverse side for details.

FASWD
SUBMITTED BY: Representative
Date: 6/24/15
APPROVED BY: Sales Manager
Date: 6/24/15

BUYER
S I G N
Date: 6/24/15

Buyer(s) understands that this document does not constitute a valid and binding Contract for any purpose unless and until it is signed and accepted by an authorized representative of FASWD. All amounts due under this agreement shall be paid upon the date specified herein, if so set out, or upon the day the last of the work or products are furnished to the Buyer. Past due amounts are subject to a service charge of 15% per annum from the due date. Buyer agrees to pay FASWD all costs of enforcement or collection, including reasonable attorney fees, whether or not a lawsuit is commenced as a part of the collection process. This Contract and the agreement for credit, if any, shall constitute the entire agreement between the parties, which entire agreement and specifications shall not be altered or modified except by written agreement between the parties hereto.

IN THE EVENT THIS CONTRACT IS NOT ACCEPTED BY FASWD, ANY PAYMENT MADE HEREUNDER SHALL BE REFUNDED TO THE BUYER(S) AND THE CONTRACT SHALL BE NULL AND VOID AND OF NO EFFECT. FASWD IS NOT RESPONSIBLE FOR EXISTING STRUCTURAL DEFECTS, DRY ROT OR CODE VIOLATIONS, REPAIRING, PLASTERING, CARPENTRY AND/OR DECORATING ARE NOT INCLUDED UNLESS SPECIFICALLY CHARGED FOR AND SPECIFIED IN WRITING HEREIN.

6/21/13

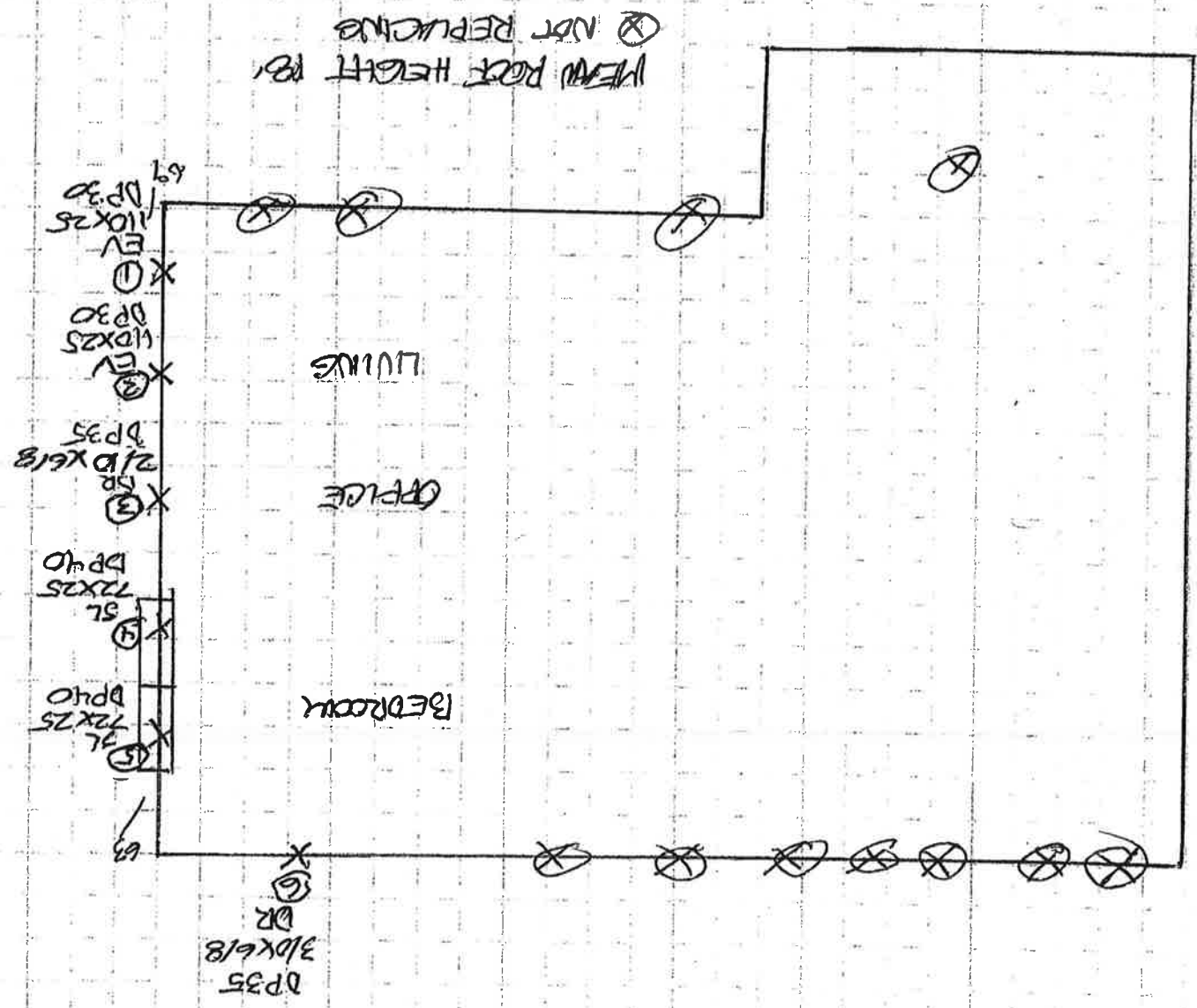
FMS EXTENSIONS

FRANK WATSON

SILVERTON

BHT

LANA M...
SID LANE ME
BELE ISL, IL
407-856-8017





Product Approval
USER: Public User

License efficiently. Regulate fairly.

OFFICE OF THE
SECRETARY

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

FL #

Application Type

Code Version

Application Status

FL15213-R2

Revision

2014

Approved

15213.14

Comments

Archived

Product Manufacturer

Address/Phone/Email

Plastpro Inc. / Nanya Plastics Corp.

5200 W CENTURY BLVD.

LOS ANGELES, CA 90045

(440) 969-9773 Ext 16

rickw@rwbldgconsultants.com

Authorized Signature

Vivian Wright

rickw@rwbldgconsultants.com

Technical Representative

Address/Phone/Email

Scott Johnson

5200 W Century Blvd.

Los Angeles, CA 90045

(440) 969-9773 Ext 18

scottjohnson@plastproinc.com

Quality Assurance Representative

Address/Phone/Email

Ron O'Connell

5200 W Century Blvd.

Los Angeles, CA 90045

(440) 969-9773 Ext 16

ronoconnell@plastpro.com

Category

Subcategory

Exterior Doors

Swinging Exterior Door Assemblies

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

Florida License

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Lyndon F. Schmidt, P.E.

PE-43409

National Accreditation and Management Institute

12/31/2018

Ryan J. King, P.E.

Validation Checklist - Hardcopy Received

Certificate of Independence

[FL15213_R2_COI_CERTIFICATE_of_INDEPENDENCE.pdf](#)

Referenced Standard and Year (of Standard)

Standard	Year
101/I.S.2	1997
101/I.S.2/NAFS	2002
AAMA/WDMA/CSA101/I.S.2/A440	2005
ASTM E1886	2002
ASTM E1996	2002
ASTM E330	2002
TAS 201, 202, 203	1994

	l. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Double Door utilizing "Snap Frame" Glazing - Inswing/Outswing (XX - Configuration)
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.12 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>	<p>Installation Instructions FL15213_R2_II_Inst.15213.12.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R2_AE_Eval.15213.12.pdf Created by Independent Third Party: Yes</p>	
<p>15213.13</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.13 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>	<p>m. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door</p> <p>Installation Instructions FL15213_R2_II_Inst.15213.13.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R2_AE_Eval.15213.13.pdf Created by Independent Third Party: Yes</p>	
<p>15213.14</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.14 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>	<p>n. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door</p> <p>Installation Instructions FL15213_R2_II_Inst.15213.14.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R2_AE_Eval.15213.14.pdf Created by Independent Third Party: Yes</p>	
<p>15213.15</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.15 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>	<p>o. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door</p> <p>Installation Instructions FL15213_R2_II_Inst.15213.15.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R2_AE_Eval.15213.15.pdf Created by Independent Third Party: Yes</p>	
<p>15213.16</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.16 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>	<p>p. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door</p> <p>Installation Instructions FL15213_R2_II_Inst.15213.16.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R2_AE_Eval.15213.16.pdf Created by Independent Third Party: Yes</p>	
<p>15213.17</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.17 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>	<p>q. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door</p> <p>Installation Instructions FL15213_R2_II_Inst.15213.17.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R2_AE_Eval.15213.17.pdf Created by Independent Third Party: Yes</p>	
<p>15213.18</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes</p>	<p>r. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door</p> <p>Installation Instructions FL15213_R2_II_Inst.15213.18.pdf Verified By: Lyndon F. Schmidt, P.E. 43409</p>	



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

**Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"**

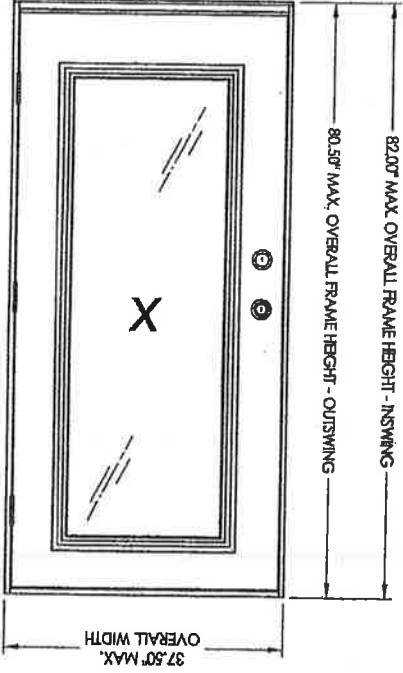
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the FBC.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring - 2x buck masonry construction
6	Frame anchoring - 1x buck masonry construction
7	Bill of Materials, glazing detail & components

TABLE OF CONTENTS

SWING	MAX. FRAME DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)
INSWING	37.50" x 82.00"	POSITIVE	+47.0
OUTSWING	37.50" x 80.80"	NEGATIVE	-50.0

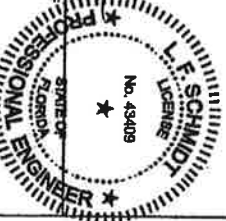


PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

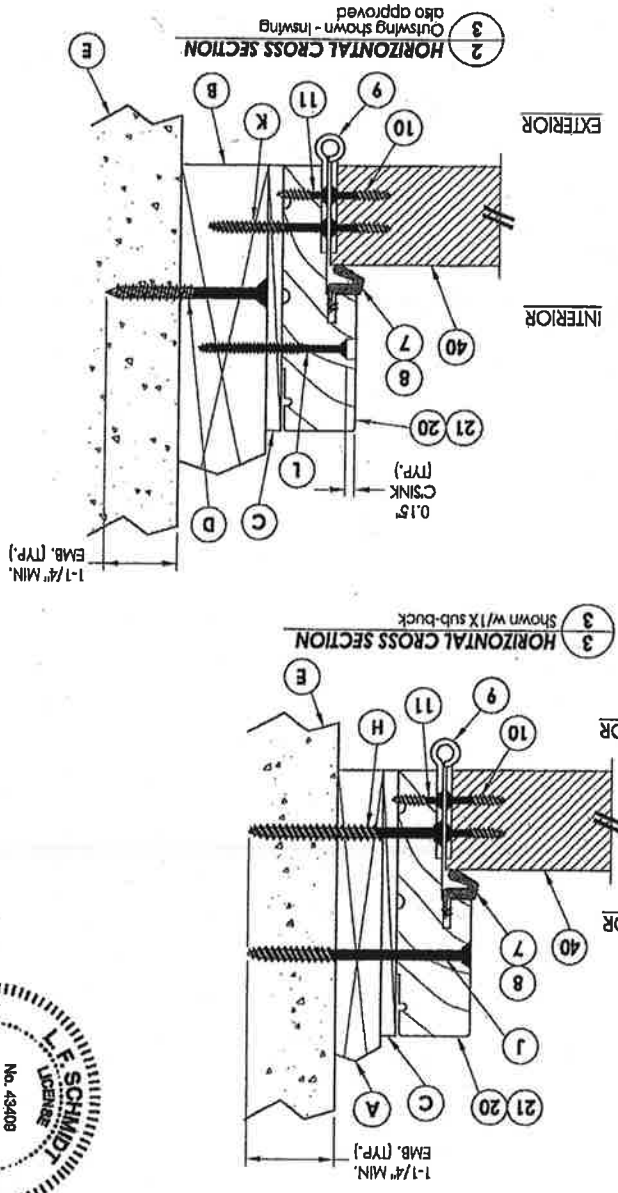
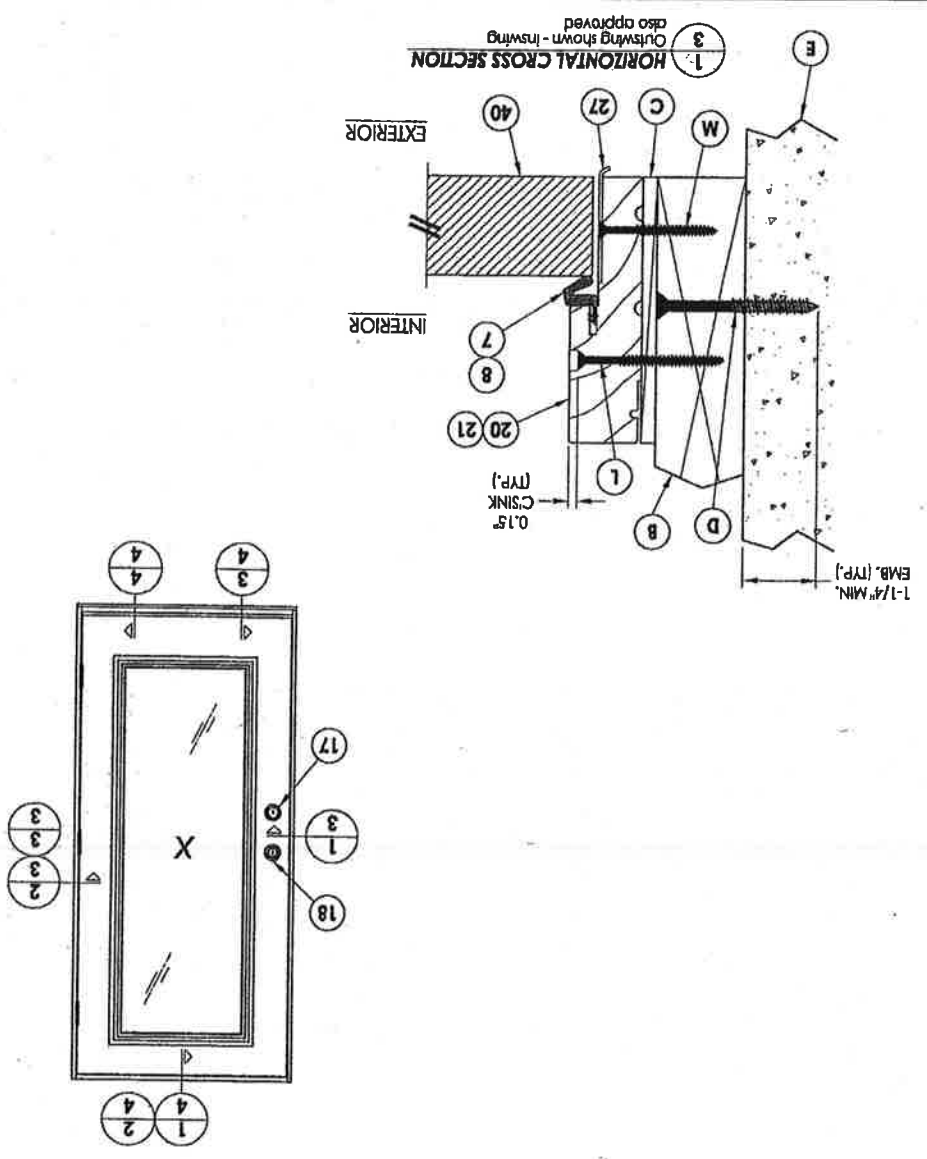
NO.	DATE	BY	REVISIONS
1	04/22/15	JK	UPDATE TO 5TH ED. (2014) FBC

DATE: 02/18/12
SCALE: N.T.S.
DWD. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.14
SHEET 1 OF 7

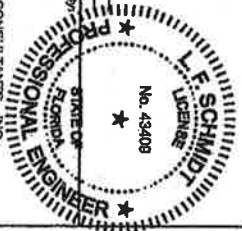


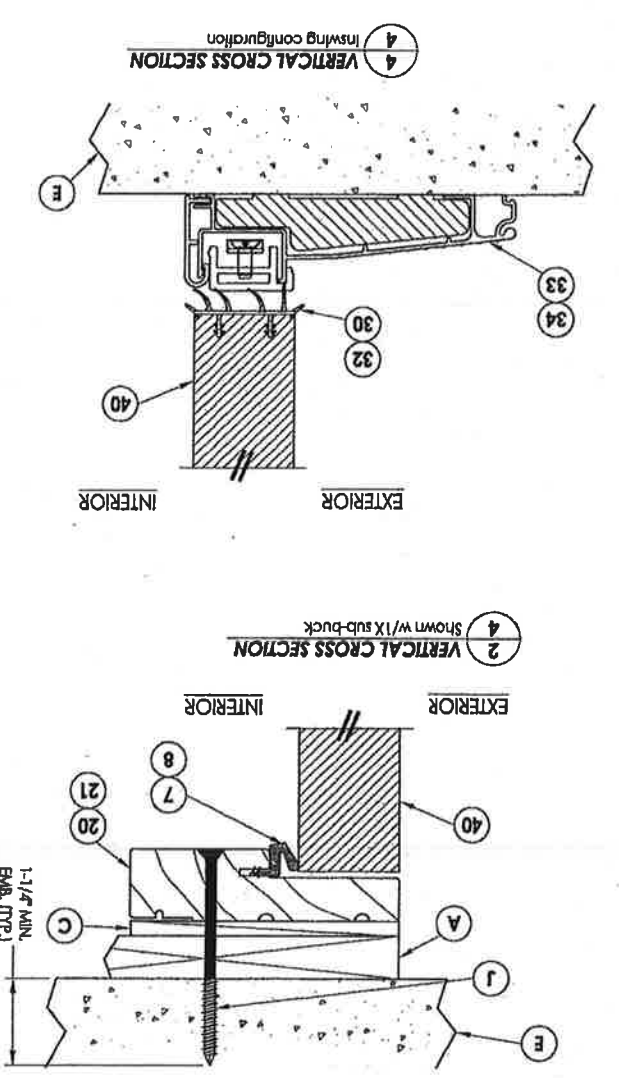
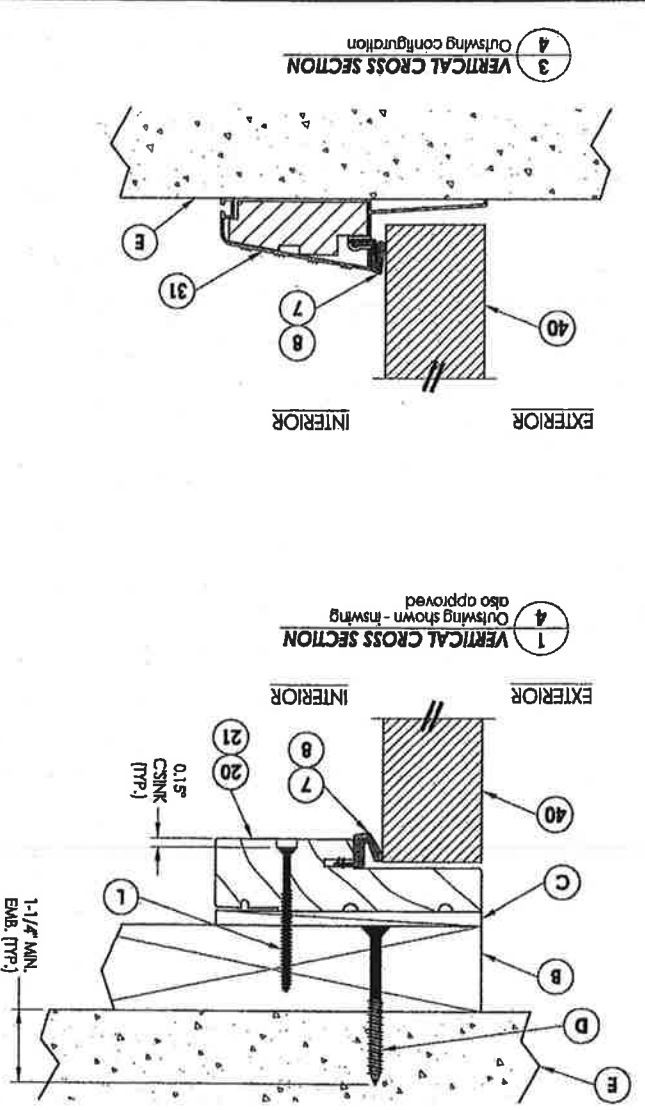
Document Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.658.8197
FBE CA No. 9815



SHEET 3 OF 7		DRAWING NO. FL-15212A.14		Dwg. Br: LFS		DATE: 02/16/12		SCALE: N.T.S.	
NO. DATE		1 04/22/15 UPDATE TO 5TH ED. (2014) FBC		Dwg. Br: JK		BY: JK		REVISIONS	
PRODUCT:		PART OR ASSEMBLY:		DATE:		BY:		REVISIONS	
PLASTPRO INC.		HORIZONTAL CROSS SECTIONS							
FIBERGLASS DOOR									
Documents Prepared By:		BUILDING CONSULTANTS, INC.							
Lyndon F. Schmitt		P.O. Box 230, Vidalia, FL 33595							
P.E. No. 43408		Phone No.: 813.659.8197							
4/21/15		FBPE CAL. No. 9813							

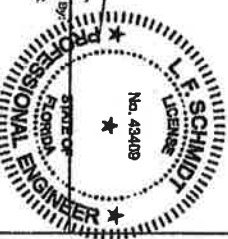




SHEET 4 OF 7	
DRAWING NO.: FL-15213.14	
CHK. BY: LFS	DATE: 02/16/12
OWB. BY: JK	SCALE: N.T.S.
NO. 1	DATE: 02/22/15
UPDATE TO 5TH ED. (2014) FBC	
BY: JK	REVISIONS:

PRODUCT: PLASTRO INC. FIBERGLASS DOOR
 PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

Documents Prepared By: Landon F. Schmidt
 P.E. No. 43408
 RFW BUILDING CONSULTANTS, INC.
 P.O. Box 2301, Valrico, FL 33595
 Phone No.: 813.658.9197
 FBR# C.A. No. 9813



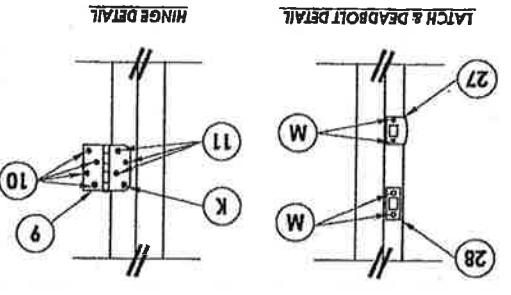
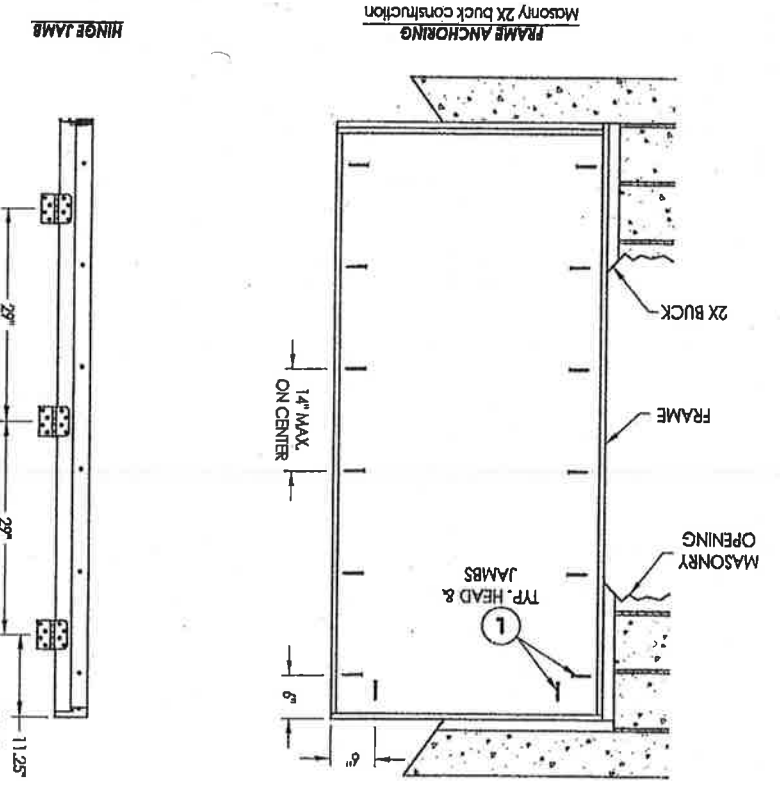
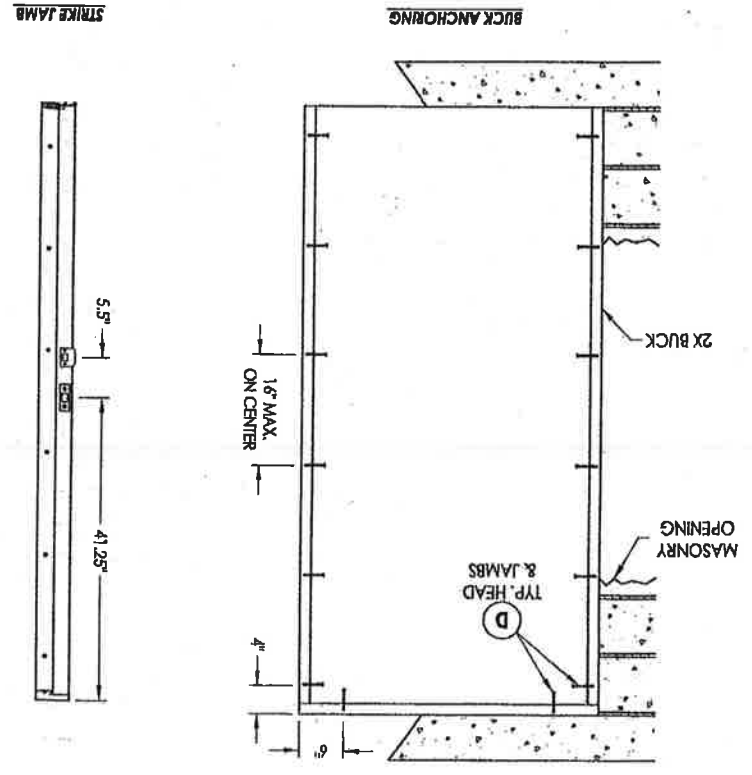
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY	MIN. CLEARANCE TO ADJACENT ANCHOR
ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	1/4"	1-1/4"	2"	4"



SHEET 5 OF 7
FL-15213.14
DRAWING NO.
CHK. BY: LFS
DWG. BY: JK
SCALE: N.T.S.
DATE: 02/16/12

NO.	DATE	REVISIONS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

PRODUCT: PLASTRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: BUCK AND FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION

Documents Prepared By: Landon F. Schmidt
P.E. No. 43408

L.F. SCHMIDT
 No. 43408
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBE CA No. 9813

2012 R.W. BUILDING CONSULTANTS INC.

CONCRETE ANCHOR NOTES:

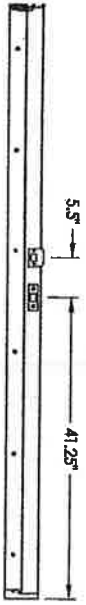
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. ANCHOR EMBEDMENT	MIN. CLEARANCE TO MASONRY TO ADJACENT EDGE	MIN. CLEARANCE TO ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
EICO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

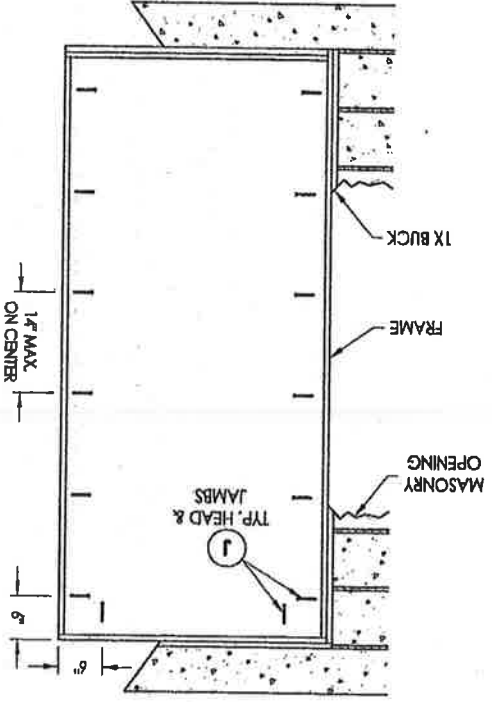
WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

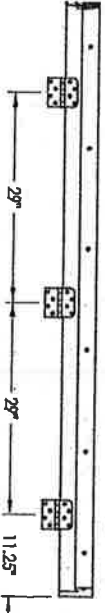
STRIKE JAMB



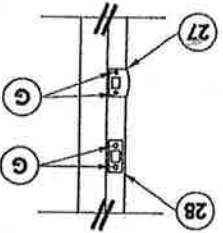
FRAME ANCHORING
Masonry 1x buck construction



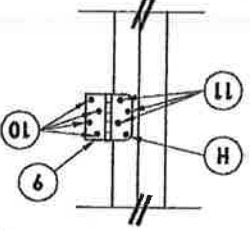
HINGE JAMB



LATCH & DEADBOLT DETAIL



HINGE DETAIL

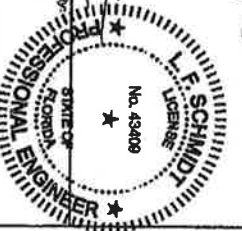


SHEET 6 of 7
 FL-15213.14
 DRAWING NO.:
 CHK. BY: LFS
 DWG. BY: JK
 SCALE: N.T.S.
 DATE: 02/16/12

NO.	DATE	REVISIONS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

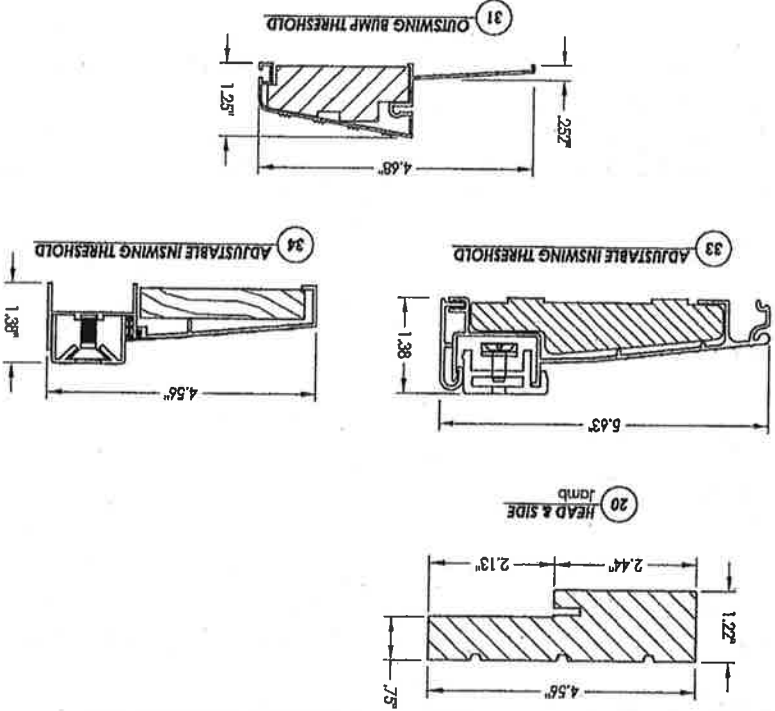
PRODUCT:
 PLASTPRO INC.
 FIBERGLASS DOOR
 PART OR ASSEMBLY:
 FRAME ANCHORING 1X BUCK
 MASONRY CONSTRUCTION

Documents Prepared By: 4/21/17
 Lyndon F. Schmitz
 P.E. No. 43409
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vero Beach, FL 33585
 Phone No.: 813.659.9197
 FBP# CA. No. 9813



ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	
D	1/4" X 2-3/4" PFH ELCO OR 1TW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH 1TW CONCRETE SCREW	STEEL
H	1/4" X 3-1/4" PFH 1TW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH 1TW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
7	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
8	COMPRESSION WEATHER STRIP QLOX 650 BY SCHLEGEL	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
17	KWIKSET KEYPED ENTRY - SIGNATURE SERIES	STEEL
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL
20	HINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
21	POLYMER JAMB	WOOD
22	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
30	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
31	OUTSWING BUMP THRESHOLD	ALUM./WOOD
32	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	PVC
33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM./WOOD
34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM./WOOD
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	
41	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
42	TOP RAIL	CELLULAR/PVC
43	LATCH & HINGE STILE	CELLULAR/PVC
44	REINFORCEMENT WOOD FOR LOCKS (20" LONG)	WOOD
45	BOTTOM RAIL	CELLULAR/PVC
46	POLYURETHANE FOAM BY NAN YA	CELLULAR/PVC
47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	POLYURETHANE
49	GLAZING COMPOUND	WOOD
55	UP LITE ODL/WESTERN REFLECTIONS HP	SILICONE
56	GLAZING SPACER	ALUM.
57	#8 X 1-1/2" PFH LITE FRAME SCREW	STEEL

BILL OF MATERIALS



DATE: 02/16/12	
SCALE: N.T.S.	
DWG. BY: JK	CHK. BY: LFS
DRAWING NO.: FL-15213.14	
SHEET 7 OF 7	

PRODUCT: PLASTRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
NO.	DATE
1	06/22/15
UPDATE TO 5TH ED. (2014) FBC	
BY	JK

Documents Prepared By:
Lynnda F. Schmitt
P.E. No. 45709

L.F. SCHMIDT
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBE, C.A. No. 9913

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

06/24/2015

06/29/2015

07/05/2015

Summary of Products

FL #	Model, Number or Name	Description
5179.1	07-09, 07-10 and 07-20	Reflections 5500, Prism Platinum, Generations, Impressions 9800, Sears 9300, Amcraft Grand Estates Premier, Amcraft Grand Estates Premium Plus, Grandura Vinyl 2-Lite Horizontal Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 78x63 (+/-25 PSF), 73x51 (+/-50 PSF), 63x48 (+/-55 PSF)		Certification Agency Certificate FL5179 R13 C CAC 07-09 HS 63x48 R PG55.pdf FL5179 R13 C CAC 07-09 HS 73x51 R PG50.pdf FL5179 R13 C CAC 07-09 HS 78x63 R PG25.pdf FL5179 R13 C CAC 07-09-10-20 and 08-09 -10 -20 Waiver.pdf Quality Assurance Contract Expiration Date 04/25/2017 Installation Instructions FL5179 R13 II IN0137 07-09 07-10 07-20 SL 2X.pdf FL5179 R13 II IN0259 SS 07-09 07-10 07-20 SL 1X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5179 R13 AE PER3826 SS 2015-06-24.pdf Created by Independent Third Party: Yes
5179.2	07-09, 07-10 and 07-20	Reflections 5500, Prism Platinum, Generations, Impressions 9800, Sears 9300, Amcraft Grand Estates Premier, Amcraft Grand Estates Premium Plus, Grandura Vinyl 3-Lite Endvent Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 136x63 (+/-25 PSF), 148x48 & 84x63 (+/-30 PSF), 105x51 & 100x48 (+/-45 PSF), 84x48 (+/-55 PSF)		Certification Agency Certificate FL5179 R13 C CAC 07-09 EV 100x48 R PG45.pdf FL5179 R13 C CAC 07-09 EV 105x51 R PG45.pdf FL5179 R13 C CAC 07-09 EV 136x63 R PG25.pdf FL5179 R13 C CAC 07-09 EV 148x48 R PG30.pdf FL5179 R13 C CAC 07-09 EV 84x48 R PG55.pdf FL5179 R13 C CAC 07-09 EV 84x63 R PG30.pdf FL5179 R13 C CAC 07-09-10-20 and 08-09 -10 -20 Waiver.pdf Quality Assurance Contract Expiration Date 06/05/2017 Installation Instructions FL5179 R13 II IN0226 SS 07-09 07-10 07-20 EV 1X.pdf FL5179 R13 II IN0227 07-09 07-10 07-20 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5179 R13 AE PER3825 SS 2015-06-24.pdf Created by Independent Third Party: Yes
5179.3	07-20 (Nailing Fin Installation)	Reflections 5500, Prism Platinum, Generations, Impressions 9800, Sears 9300, Amcraft Grand Estates Premium Plus, Grandura Vinyl 2-Lite Horizontal Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 73x62		Certification Agency Certificate FL5179 R13 C CAC 07-20 HS 73x62 R PG50 (ext.).pdf Quality Assurance Contract Expiration Date 07/27/2016 Installation Instructions FL5179 R13 II IN0526 07-02 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.4	07-75	THD 6500 Vantage Pointe Vinyl 2-Lite Horizontal Slider
Limits of Use Approved for use in HVHZ: No		Certification Agency Certificate FL5179 R13 C CAC 07-75 HS 63x48 R PG55.pdf

Impact Resistant: No
Design Pressure: N/A
Other: 78x63 (+/-25 PSF), 78x63 (+/-40 PSF), 78x63 (+/-45 PSF), 63x48 (+/-55 PSF)

FL5179 R13 C CAC 07-75 HS 72x48 R PG45.pdf
 FL5179 R13 C CAC 07-75 HS 78x63 R PG25.pdf
 FL5179 R13 C CAC 07-75 HS 78x63 R PG40.pdf
Quality Assurance Contract Expiration Date
 10/15/2017
Installation Instructions
 FL5179 R13 II IN0224 SS 75-75 SL 1X.pdf
 FL5179 R13 II IN0225 07-75 SL 2X.pdf
 Verified By: American Architectural Manufacturers Association
 Created by Independent Third Party:
Evaluation Reports
 FL5179 R13 AE PER3824 SS 2015-06-24.pdf
 Created by Independent Third Party: Yes

4

5179.5	07-75	THD 6500 Vantage Pointe Vinyl 3-Lite Endvent Slider
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 136x63 (+/-25 PSF), 84x63 (+/-30 PSF), 110x63 (+/-40 PSF), 100x48 (+/-45 PSF), 84x48 (+/-55 PSF)</p>		
<p>Certification Agency Certificate FL5179 R13 C CAC 07-75 EV 100x48 R PG45.pdf FL5179 R13 C CAC 07-75 EV 110x63 R PG40.pdf FL5179 R13 C CAC 07-75 EV 136x63 R PG25.pdf FL5179 R13 C CAC 07-75 EV 84x48 R PG55.pdf FL5179 R13 C CAC 07-75 EV 84x63 R PG30.pdf Quality Assurance Contract Expiration Date 10/15/2017 Installation Instructions FL5179 R13 II IN0144 SS 75-75 EV 1X.pdf FL5179 R13 II IN0145 07-75 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports FL5179 R13 AE PER3822 SS 2015-06-24.pdf Created by Independent Third Party: Yes</p>		
5179.6	41-18	ProFinish BrickMould 300 Vinyl 2-Lite Horizontal Slider
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +30/-30 Other: 72x60</p>		
<p>Certification Agency Certificate FL5179 R13 C CAC 41-18 HS 73x63 R30.pdf Quality Assurance Contract Expiration Date 09/12/2016 Installation Instructions FL5179 R13 II IN0234 41-18 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:</p>		
5179.7	42-19	ProFinish BrickMould 600 Vinyl 2-Lite Horizontal Slider
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 78x63 & 69x65 (+/-25 PSF), 72x54 (+/-30 PSF), 72x36 (+/-40 PSF), 60x54 (+/-45 PSF)</p>		
<p>Certification Agency Certificate FL5179 R13 C CAC 42-19 HS 60x52 R PG45 (ext.).pdf FL5179 R13 C CAC 42-19 HS 69x65 R PG25 (ext.).pdf FL5179 R13 C CAC 42-19 HS 72x36 R PG40 (ext.).pdf FL5179 R13 C CAC 42-19 HS 72x54 R PG30 (ext.).pdf FL5179 R13 C CAC 42-19 HS 78x63 R PG25 (ext.).pdf Quality Assurance Contract Expiration Date 10/26/2016 Installation Instructions FL5179 R13 II IN0152 42-19 SL 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:</p>		
5179.8	42-19	Simonton ProFinish Brickmould 600 Vinyl 3-Lite Endvent Slider
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other: 84x36</p>		
<p>Certification Agency Certificate FL5179 R13 C CAC 42-19 EV 84x36 R PG40 (ext.).pdf Quality Assurance Contract Expiration Date 12/07/2016 Installation Instructions FL5179 R13 II IN0153 42-19 EV 2X.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:</p>		
5179.9	43-06 and 43-17	THD 6060 Vantage Pointe, ProFinish Builder, ProFinish

MODEL DESIGNATION:

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

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATING:

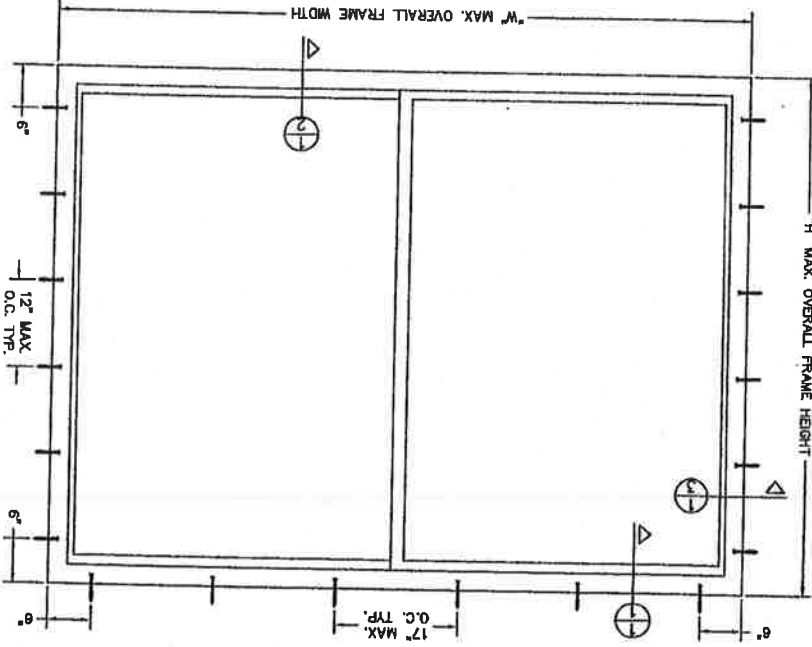
See Size Chart

USABLE CONFIGURATIONS:

XX

GENERAL DESCRIPTION:

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



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

Reason: I am approving this document
Date: 2015.06.24 07:42:50 -04'00'



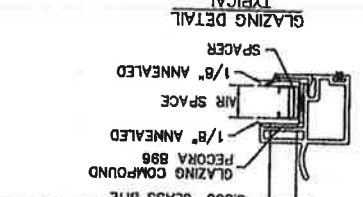
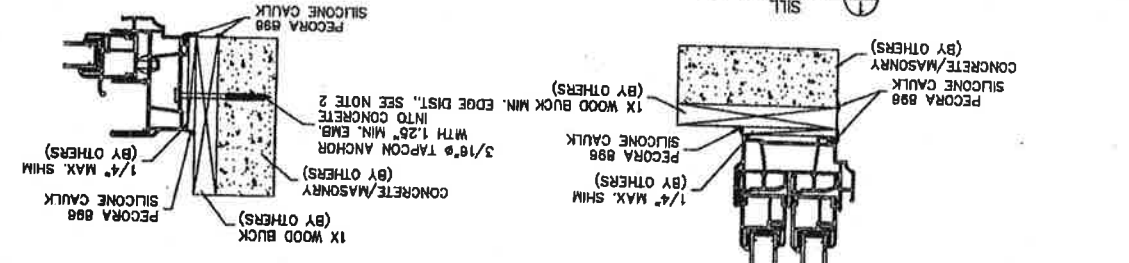
DISCLAIMER STATEMENT
This document is the property of Simonton Windows, which retains all proprietary and other rights in the subject matter. This document is provided to the recipient on the expressed condition that it is not to be disclosed, reproduced in whole or part, nor used in conjunction with the design, manufacture or repair of goods for anyone other than Simonton Windows or recipient of goods for anyone other than Simonton Windows without the consent. This restriction does not limit the recipient's right to utilize information contained in this document which is properly obtained from another source.

FILE INZZZZ	
DATE	DESCRIPTION

FILE INZZZZ	
DATE	DESCRIPTION

REVISIONS	
REV.	REVISIONS
1	ADDED 75-75, 75-09, 07-09, 07-10, AND 07-20 SERIES
2	ADDED NOTE FOR 07-75 ONLY, SIZE
3	ADDED NOTES, GENERAL DESCRIPTION, AND SIZE CHART
4	UPDATED SIZES PER NEW TESTING AND APPRO
5	UPDATED SIZES PER NEW TESTING
6	ADDED MIN. EDGE DIST. NOTE

- NOTES:**
- This installation has been evaluated for use in locations adhering to the current Florida Building Code and where design pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed herein, for use outside the H.V.H.Z. must be such that a minimum 1 1/4" embedment of the Topcon into the concrete or concrete block is obtained, unless otherwise noted. Anchors should be a minimum of 2 1/2" from the edge of the concrete, hollow block CMU, or concrete block.
 - All interior and exterior surfaces of the concrete, hollow block CMU, or concrete block must be caulked.
 - Adjust Topcon anchor locations, if necessary, to maintain a minimum of 2.0" clearance from mortar joints.
 - When the optional head expander is used, the INSTALLER MUST ADJUST the anchor lengths to maintain the required minimum embedment into the substrate.
 - Anchors shall be specified and spaced as shown. Anchor embedment to base material shall be beyond well dressing or bituco and into wood or concrete. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure. Bucks shall extend to interior face of frame such that full support of the frame is provided.
 - Follow ITW/Eico Topcon anchoring instructions.
 - 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.
 - A. Concrete compressive strength = 3000 PSI at 28 days.
 - B. Concrete Masonry Units shall conform with strength requirements of ASTM C90.
 - C. Wood Minimum Specific Gravity = 0.55.
 11. Shims are optional. Max. shim stock is 1/4".
 12. When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant fastener locations.
 13. When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant fasteners or other external protection.
 14. Finishing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
 15. Glazing shall comply with ASTM E 1300 according to the Florida Building Code.
 16. Designation "X" and "O" stand for the following:
X: Operable Panel
O: Fixed Panel



REV.	REVISIONS
1	ADDED 75-75, 75-09, 07-09, 07-10, AND 07-20 SERIES
2	ADDED NOTE FOR 07-75 ONLY, SIZE
3	ADDED NOTES, GENERAL DESCRIPTION, AND SIZE CHART
4	UPDATED SIZES PER NEW TESTING AND APPRO
5	UPDATED SIZES PER NEW TESTING
6	ADDED MIN. EDGE DIST. NOTE

REVISIONS: 07-75 / 75-09 / 07-10 / 07-20 / 07-75 / 75-09 Vinyl Window

REVISIONS: 07-75 / 75-09 / 07-10 / 07-20 / 07-75 / 75-09 Vinyl Window

REVISIONS: 07-75 / 75-09 / 07-10 / 07-20 / 07-75 / 75-09 Vinyl Window

REVISIONS: 07-75 / 75-09 / 07-10 / 07-20 / 07-75 / 75-09 Vinyl Window

REVISIONS: 07-75 / 75-09 / 07-10 / 07-20 / 07-75 / 75-09 Vinyl Window

14787.1

FL # FL14787-R2
 Application Type Revision
 Code Version 2014
 Application Status Approved

Comments Archived

Product Manufacturer Address/Phone/Email

Simontom Windows
 1 Cochran Ave
 Remsboro, WV 26415
 (614) 532-3596
 luanne.harris@simontom.com

Authorized Signature

Luanne Harris
 luanne.harris@simontom.com

Technical Representative Address/Phone/Email

Tina Jenkins
 1 Cochran Drive
 Remsboro, WV 26415
 (304) 420-9352
 Tina.Jenkins@simontom.com

Quality Assurance Representative Address/Phone/Email

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

Category Subcategory

Windows Mullions

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer
 Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

Lucas A. Turner

Florida License
 Quality Assurance Entity
 Quality Assurance Contract Expiration Date
 Validated By

PE-58201
 Architectural Testing, Inc.
 12/31/2018
 Scott Wolters, PE
 Validation Checklist - Hardcopy Received

Certificate of Independence

FL14787_R2_COI_EvalReport-RM0015B16.pdf

Referenced Standard and Year (of Standard)

1710-5.3

Equivalence of Product Standards Certified By

Sections from the Code

Method 2 Option B
 04/27/2015
 05/01/2015
 05/10/2015
 06/23/2015

Product Approval Method

Summary of Products

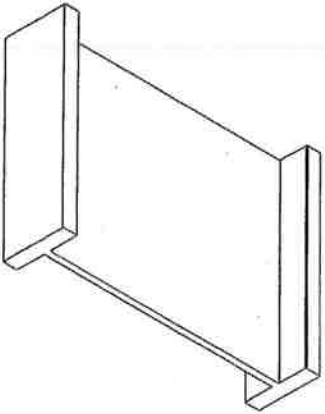
FL #	Model, Number or Name	Description
14787.1	Reinforced Stand Alone Mullions Non-Impact	Extruded Vinyl Mullions with Aluminum Reinforcement
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Design pressure ratings vary by unit and mullion size. See installation drawings for applicable design pressure rating.		

~~X~~

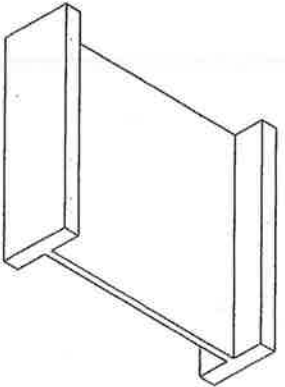
SHT	DESCRIPTION
1	INDIVIDUAL MULLION APPLICATIONS
2	DESIGN PRESSURES FOR REINFORCEMENT CM0146
3	DESIGN PRESSURES FOR REINFORCEMENT 16991
4	DESIGN PRESSURES FOR REINFORCEMENT 16990
5	DESIGN PRESSURES FOR REINFORCEMENT 20634
6	MULLION ATTACHMENT AND ANCHORING
7	MULLION CROSS SECTIONS-WOOD FRAME SUBSTRATE
8	MULLION CROSS SECTIONS-MASONRY/CONC. SUBSTRATE

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

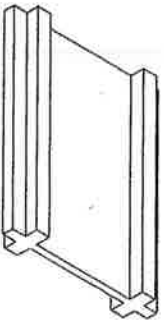
LARGE MULLION
 REINFORCEMENT CM0146
 ALUMINUM 6063-T6
 5000 FIN & J FRAME VINYL
 H-MULLION COVER #VP1-573
 EXTRUDED VINYL 0.071" MIN.



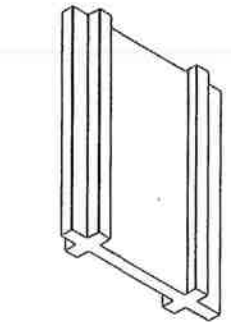
LARGE MULLION
 REINFORCEMENT #16991
 ALUMINUM 6063-T6
 PROFINISH LARGE VINYL
 H-MULLION COVER #VP1-560
 EXTRUDED VINYL 0.079" MIN.
 RETROFIT LARGE VINYL
 H-MULLION COVER #VP1-354
 EXTRUDED VINYL 0.071" MIN.



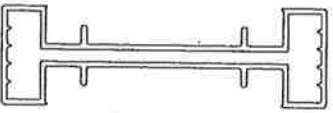
MEDIUM MULLION
 REINFORCEMENT #16990
 ALUMINUM 6063-T6
 PROFINISH MEDIUM VINYL
 H-MULLION COVER #VP1-346A
 EXTRUDED VINYL 0.071" MIN.



MEDIUM MULLION
 REINFORCEMENT #20634
 ALUMINUM 6063-T6
 RETROFIT MEDIUM VINYL
 H-MULLION COVER #VP1-436
 EXTRUDED VINYL 0.070" MIN.



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

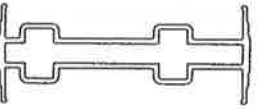


GENERAL NOTES:
 1. THE FOUR (4) MULLION PRODUCTS MEET THE 5TH ED. (2014) FLORIDA BUILDING CODE SECTION 1710.5.3, INCLUDING L/175 DEFLECTION LIMIT, LOAD TRANSFER, AND FIBERSTRESS ANALYSES IN THE DESIGN PRESSURES SHOWN IN THE TABLES. IN THIS DRAWING, THE ANALYSES DID NOT ADDRESS AIR OR WATER INFILTRATION. 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.



Lucas A. Turner
 2015-05-01
 20:23-04:00

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



SIMONTON
 1 COCHRANE AVE. PENNSBORO, WY 26415
 PH. 900-426-2248
 ALL NON-IMPACT WINDOW SERIES
 WITH ALUMINUM REINFORCEMENT
 EXTRUDED NON-IMPACT VINYL MULLIONS

MULLIONS MEET THE REQUIREMENTS OF THE
 FLORIDA BUILDING CODE.

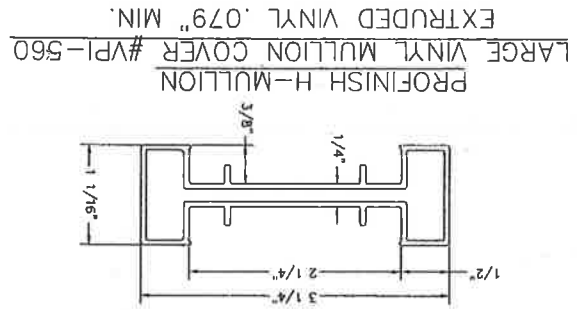
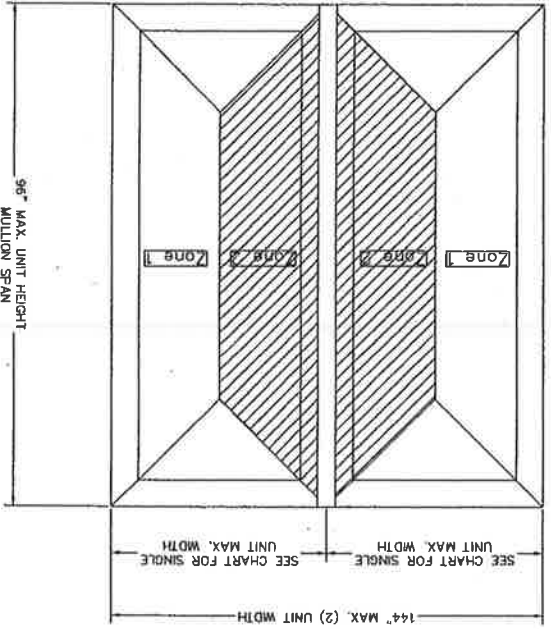
REV.	DESCRIPTION	DATE	BY
2	Revised per 2007 Florida Building Code, Added Sheet 7.	12/15/2008	TDD
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sheet 1.	01/20/2012	CAP
5	Updated DR ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT

REVISIONS

DATE	BY	DESCRIPTION
01/20/12	JRM	Revised per 2010 Florida Building Code, updated general notes sheet 1.
12/19/08	TDD	Revised per 2007 Florida Building Code, Added Sheet 7.
04/15/11	JRM	Revised per 2007 Florida Building Code, Added Sheet 8.
06/20/12	TDD	Updated DR ratings chart and added new mullion covers.
04/25/15	LAT	Revised per 5th Ed. (2014) FBC


 1 COCHRANE AVE, PENNSBORO, WV 26415
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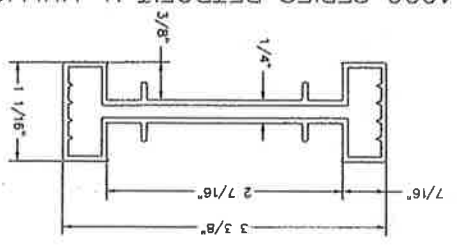
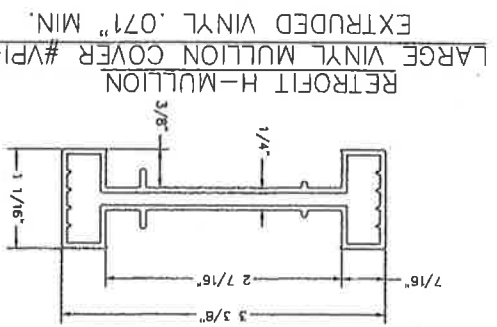
EXTRUDED NON-IMPACT WINDOW SERIES
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES



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

MULLION TRIBUTARY WIDTH = SUM
 MAXIMUM SINGLE WINDOW WIDTH

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

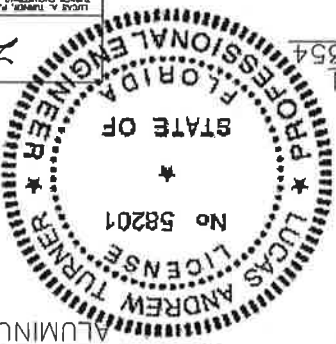


Mullion Length	Individual Unit Width																	
	40	44	48	52	56	60	64	68	72	40	44	48	52	56	60	64	68	72
96																		
92																		
88																		
84																		
80																		
76																		
72																		
68																		
64																		
60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

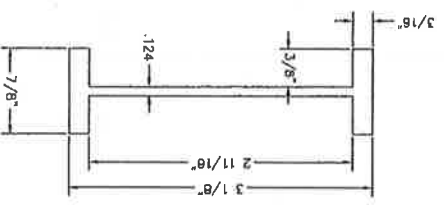
TABLE B - MAXIMUM DESIGN PRESSURES (PSF)
 MULLION #16991

REV.	DESCRIPTION	DATE	BY
2	Revised per 2007 Florida Building Code, Added Sheet 7.	12/15/2008	TDD
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

REVISIONS



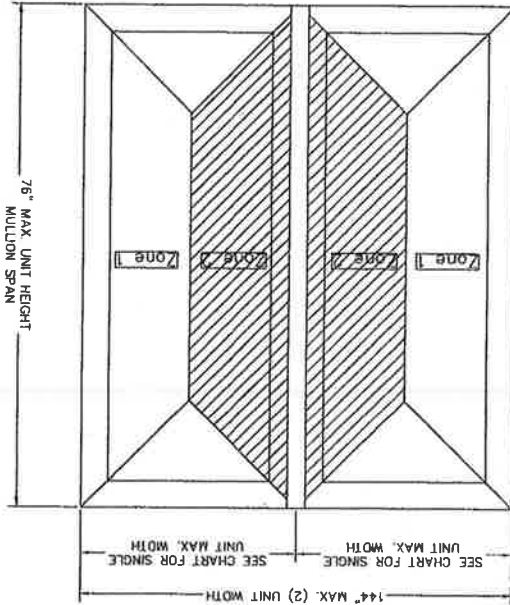
LARGE MULL REINFORCEMENT #16991
 ALUMINUM 6063-T6



SIMON-TON
 12/18/08
 01/20/12

22

1 COORNAKE AVE. FENNSBORO, WV 26115
 PH. 800-426-2249
SIMONTON
 EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES

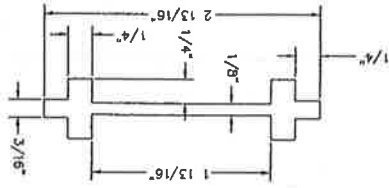
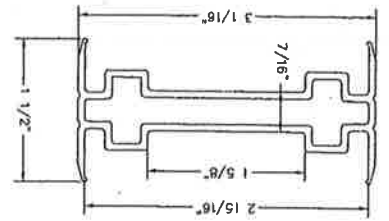


WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

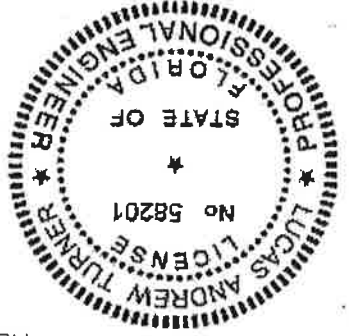
MAXIMUM SINGLE WINDOW WIDTH
 MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS

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

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



MEDIUM MULL REINFORCEMENT #16990
 ALUMINUM 6063-T6



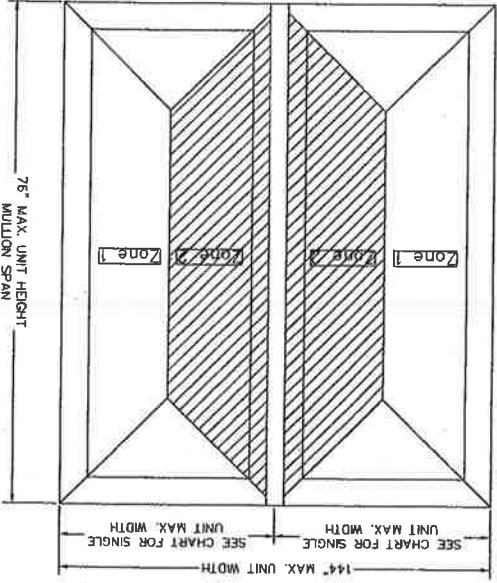
DATE	DESCRIPTION	BY
04/25/2015	Revised per 5th Ed. (2014) FBC	LAT
06/20/2012	Updated DF ratings chart and added new mullion covers.	T.D.D.
01/20/2012	Revised per 2010 Florida Building Code, updated general notes and Code, Added Sheet B.	CAP
04/15/2011	Revised per 2007 Florida Building Code, Added Sheet 7.	JRM
12/15/2008	Revised per 2007 Florida Building Code, Added Sheet 7.	TDD
		BY

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													
44													
48													
52													
56													
60													
64													
68													
72													

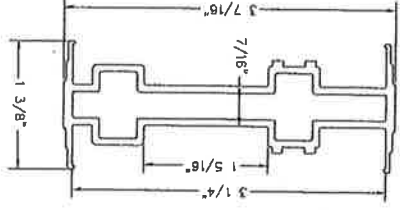
REVISIONS

1 COCHRAN AVE. PENNSBORO, WV 26415
 PH. 800-428-2248
SIMONTON
 EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES

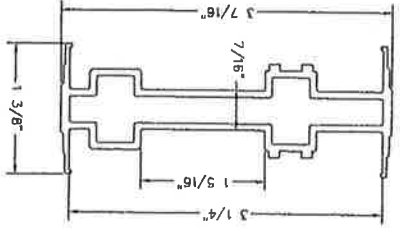


WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

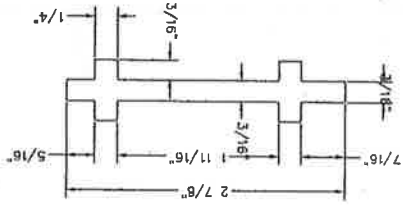
MAXIMUM SINGLE WINDOW WIDTH
 MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS



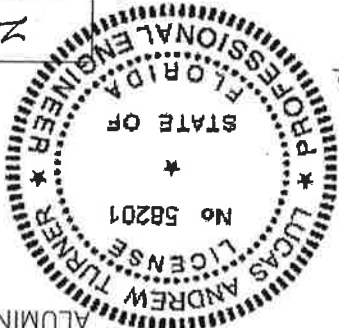
MEDIUM H-MULLION VINYL COVER #VPI-436
 FOR ANY RETROFIT HOOKED FRAME
 EXTRUDED VINYL .070" MIN.



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



MEDIUM MULL REINFORCEMENT #20634
 ALUMINUM 6063-T6




22

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

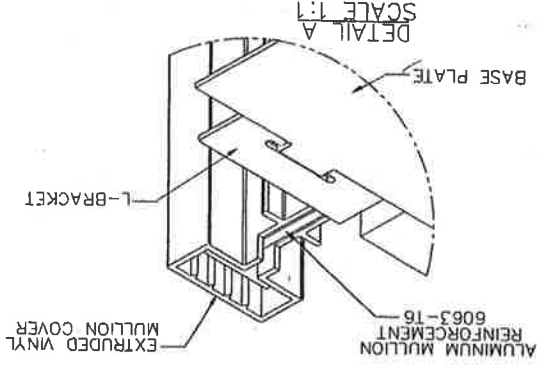
DATE	REVISED BY	DESCRIPTION
04/15/2011	JRM	Revised per 2007 Florida Building Code, Added Sheet 8.
12/15/2008	TDD	Revised per 2007 Florida Building Code, Added Sheet 7.
01/20/2012	CAP	Revised per 2010 Florida Building Code, updated general notes sheet 1.
06/20/2012	T.D.D.	Updated DR ratings chart and added new mullion covers.
04/25/2015	LAT	Revised per 5th Ed. (2014) FBC

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

Mullion Length	Individual Unit Width														
	24	28	32	36	40	44	48	52	56	60	64	68	72	76	72
40	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
44	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
48	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
52	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
56	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
60	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
64	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
68	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
72	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30
76	24	28	32	36	40	44	48	52	56	60	64	68	72	35	30

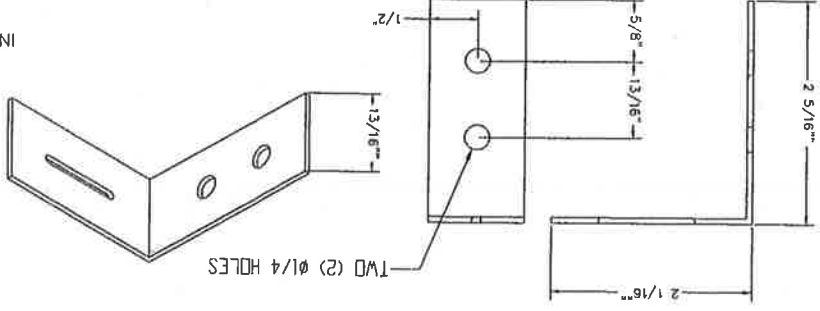
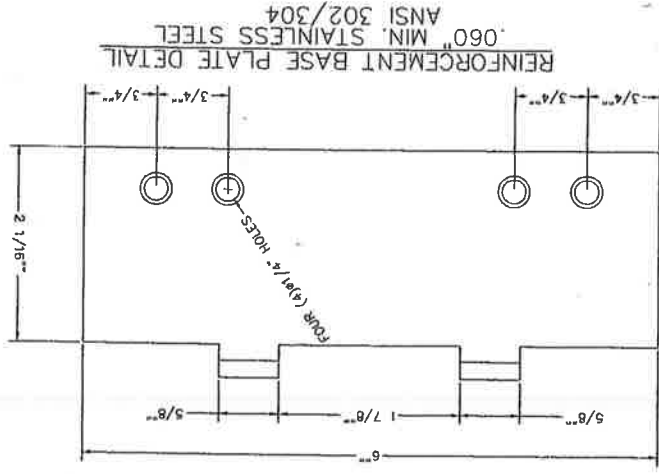

 1 COCHRANE AVE. PENNSBORO, WV 26415
 PH. 800-426-2249

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



DETAIL A
SCALE 1:1

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

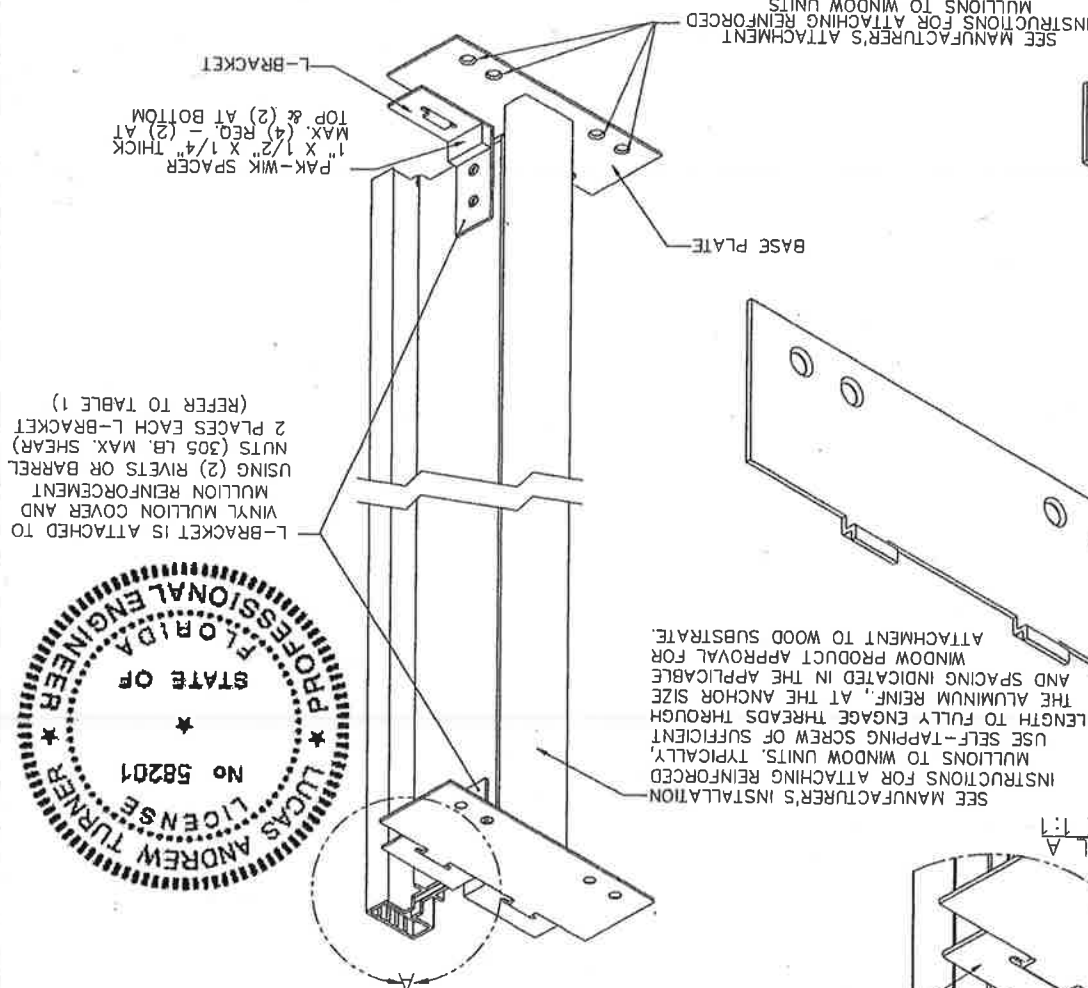


- NOTES:
- WOOD FRAME: USE (4) #10 x 1 3/4" WOOD SCREWS AT THE HEAD AND SILL THROUGH BASE PLATES. WITH 1-1/2" MINIMUM EMBEDMENT INTO WOOD FOR MULLION ATTACHMENT. SEE SHEET 7 FOR DETAILS.
 - MASONRY/CONCRETE: USE (2) 1/4" TAPCON OR E/CO ULTRACON ANCHORS AT HEAD AND SILL THROUGH BASE PLATES. SEE SHEET 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 ATTACHING HARDWARE

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

ASSEMBLED MULLION ATTACHMENT VIEW



REVISIONS


REV.	DESCRIPTION	DATE	BY
2	Revised per 2007 Florida Building Code, Added Sheet 7.	12/15/2008	TDD
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

22

SIMONTON
 12/18/08
 01/10/10
 01/20/12

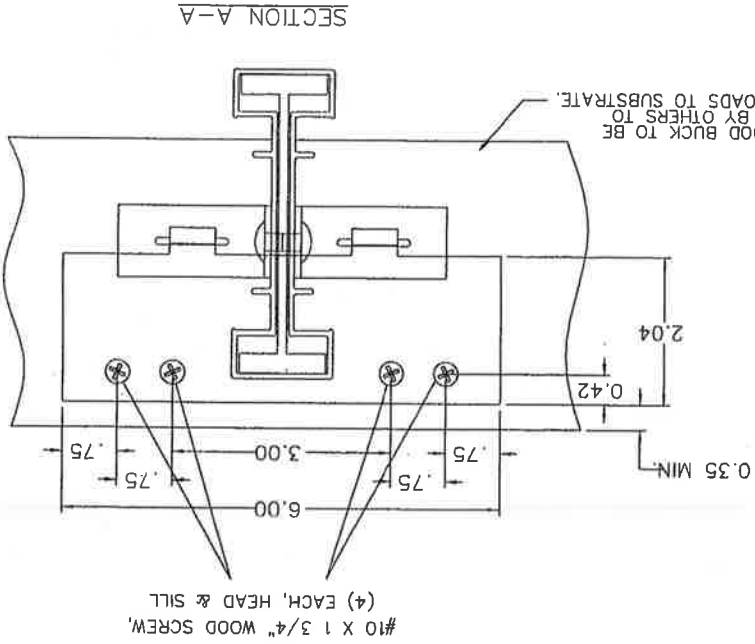
LUCAS A. TURNER, P.E., P.E. DESIGN
 4/23/2015
 SCALE: 0.75:1
 SHEET: B-8

LUCAS A. TURNER & COMPANY, INC.
 1220 W. 10TH AVE. NORTH FORT, FL 32714
 PHONE: 813-291-1122
 FAX: 813-291-1123

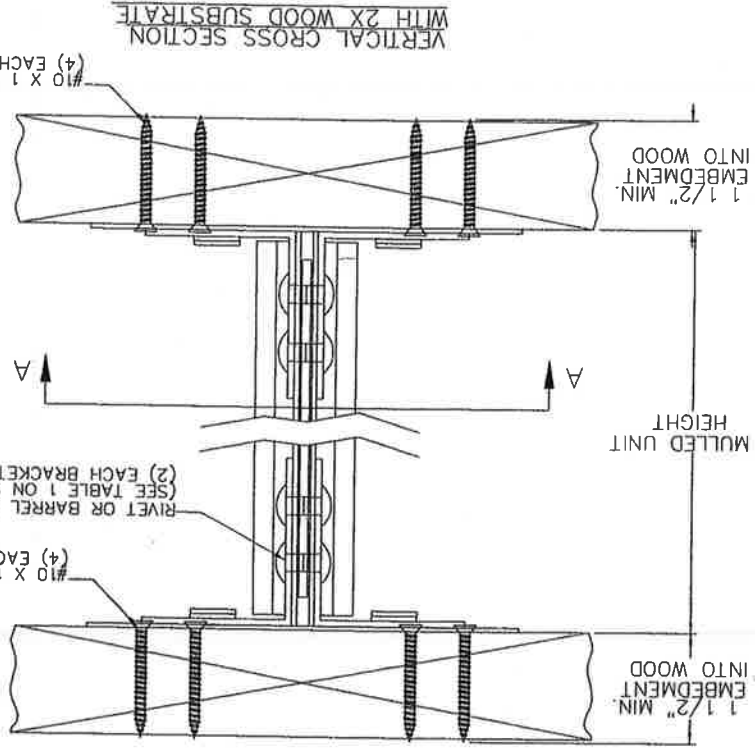

 1 COCHRANE AVE. PENNSBORO, WV 26415
 PH. 800-428-2249
 ALL NON-IMPACT WINDOW SERIES
 WITH ALUMINUM REINFORCEMENT
 EXTRUDED NON-IMPACT VINYL MULLIONS

REV.	DESCRIPTION	DATE	BY
2	Revised per 2007 Florida Building Code, Added Sheet 7.	12/15/2008	TDD
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REVISIONS



TREATED WOOD BUCK TO BE ENGINEERED BY OTHERS TO TRANSFER LOADS TO SUBSTRATE.




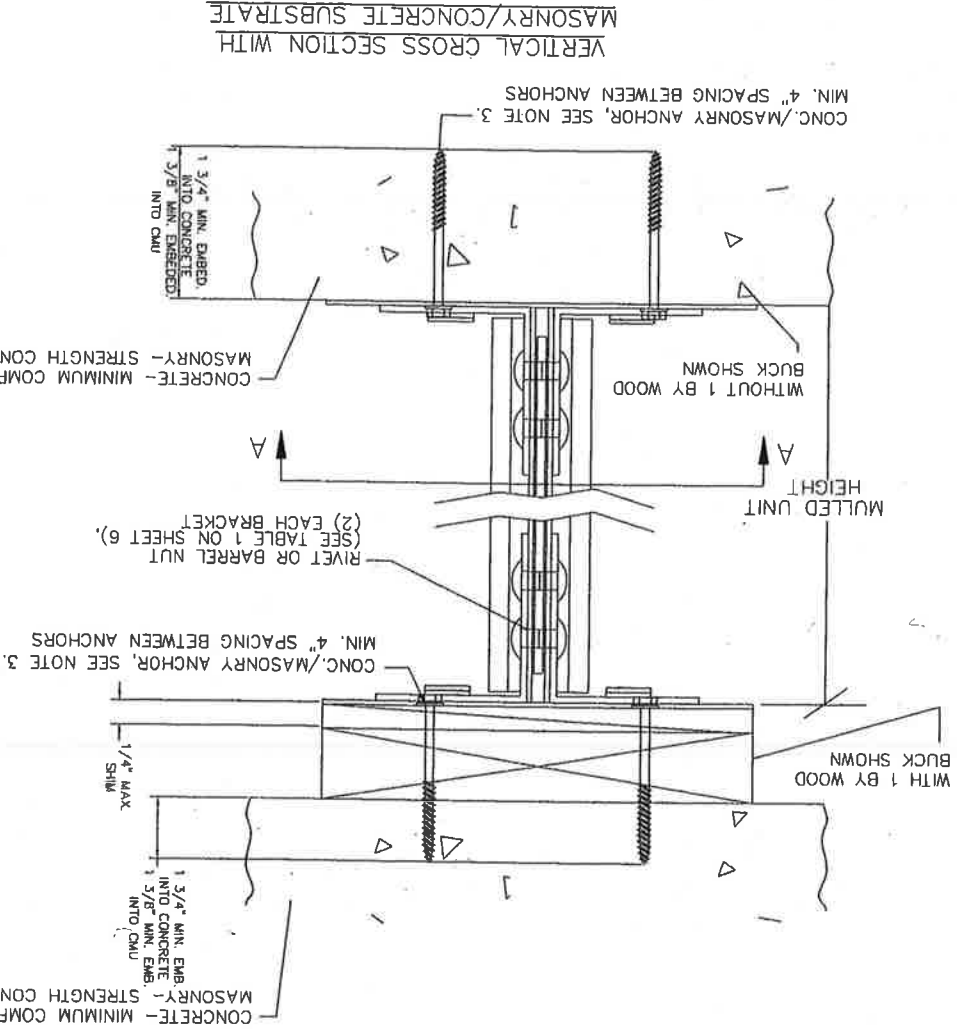
- NOTES:
1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH THE 5TH EDITION (2014) FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HWHZ.
 2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
 3. ANCHORS SHALL HAVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD AND 7/8" MINIMUM 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.



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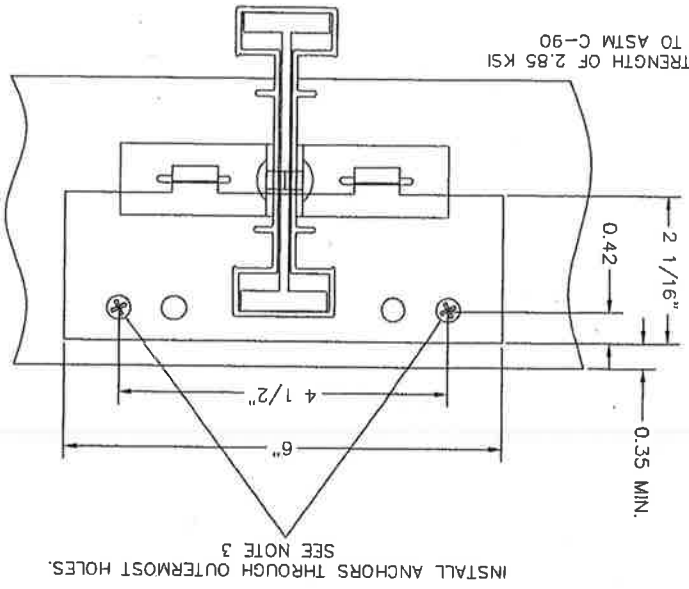
LUCAS A. TURNER, P.E. License No. 12851 License Expiration Date: 12/31/2015 License Issued Date: 12/18/08 License Type: Professional Engineer License Category: Mechanical License Status: Active	SIMONTON 12851 COCHRANE AVE., NORTH FORT, FL 32854 TEL: 800-428-2249 FAX: 800-428-2249 WWW.SIMONTON.COM
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 1 COCHRANE AVE. PLYMOUTH, WI 53415
 PH. 800-426-2249
 ALL NON-IMPACT WITH ALUMINUM REINFORCEMENT WITH ALUMINUM REINFORCEMENT
 EXTRUDED NON-IMPACT VINYL MULLIONS



VERTICAL CROSS SECTION WITH MASONRY/CONCRETE SUBSTRATE

- NOTES:
1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH THE 5TH EDITION (2014) 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 ULTRACONS WITH 1 3/8" MIN. EMBED. TO BLOCK, AND 1" MIN. EDGE DIST.
 4. 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.
 5. ATTACHMENT OF ALL 2X TREATED WOOD BUCKS SHALL BE ENGINEERED SEPARATELY BY OTHERS.
 6. WOOD SHALL BE TREATED 2X SPRUCE, PINE, OR FIR.
 7. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
 8. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.



SECTION A-A

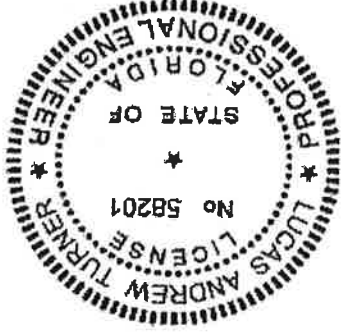
INSTALL ANCHORS THROUGH OUTERMOST HOLES. SEE NOTE 3


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

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

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REVISIONS



 SIMONTON 122	4/25/2015 LUCAS A. TURNER, P.E. LE REGISTERED PROFESSIONAL ENGINEER IN CONCRETE AND FBC 0.75:1 SCALE ALL MULLION PRODUCTS REINFORCED VINYL MULLIONS
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01/20/12 12/18/08 3-20-08 01/20/08 01/20/08	01/20/12 12/18/08 3-20-08 01/20/08 01/20/08
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