



**City of Belle Isle Job Site Card Window/Door PERMIT 2018-04-067**

**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: 2018-04-067  
Site Address: 5469 Chiswick Cir. 32812  
Subdivision:  
Description of Work: Size for Size (1) Window, (2) Doors

Issue Date: 4/27/2018  
Parcel Number: 20-23-30-9373-00-490  
Class: Residential

Issued To: Lowe's Home Centers LLC  
Name: Peter Cafaro

Business Phone: 407 468-1010  
Contractor License #: CGC158417

Payment Date & Method: 4 / 30 / 2018

Visa    Master Card    Amex    Discover    Check / Money Order # 6001

**Schedule Inspections via Email at: [BDscheduling@universalengineering.com](mailto:BDscheduling@universalengineering.com)  
SCHEDULE INSPECTIONS BY 4PM 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 4pm.** 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)



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 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 24 2018

**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: 4/9/18

PERMIT NUMBER 2018-04-067

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

Project Address 5469 CHISWICK CIR, Belle Isle, FL 32809 X 32812

Property Owner CHRISTOPHER FLEAGLE Phone 407-257-7647

Property Owner's Mailing Address SAME City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_ Parcel Id Number: 20-23-30-9373-00-490

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

Type of Building: Residential  Commercial  Other

- **REQUIRED!** Florida Product Approval Screen Printout from [www.floridabuilding.org](http://www.floridabuilding.org) showing the Code Version
- **REQUIRED!** Florida Product Approval Installation Instructions from [www.floridabuilding.org](http://www.floridabuilding.org) (not the manufacturer instructions)
- **REQUIRED!** Copies of your General Liability & Worker's Comp Insurance Certificate & State and Local Licenses

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

Number of Size-for-Size Windows: 1 Number of Size-for-Size Doors: 2 Job Valuation: \$1755.42

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.

**PAID**  
 4-30-2018

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

LICENSE HOLDER SIGNATURE \_\_\_\_\_ LICENSE # CGC1508417

LICENSE HOLDER NAME PETER A CAFARO III COMPANY NAME LOWE'S HOME CENTERS, LLC

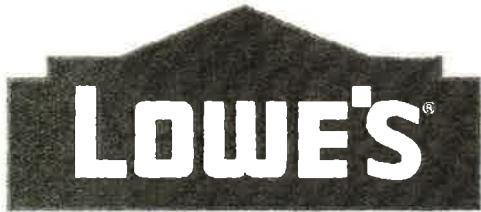
Street Address PO BOX 781993

City ORLANDO State FL Zip Code 32878 Phone Number 407-468-1010

Email Address NANHOLMESPERMITS@GMAIL.COM

Building Official: <u>SM</u> Date <u>4-27-18</u>	Zoning Fee	\$ <u>0</u>
<u>LIABILITY INSURANCE</u>	Permit Fee	\$ <u>29</u>
<u>LOCAL TAX RECEIPT</u>	Review Fee	\$ <u>14.50</u>
Verified Contractor's Licenses & Insurance are on file <u>jk</u> Date <u>4-24-2018</u>	3% Florida Surcharge	\$ <u>4.50</u>
	Total Permit Fee	\$ <u>47.50</u>

*Handwritten calculations:*  
 29.25 + 14.50 = 43.75  
 43.75 + 4.50 = 48.25  
 48.25 - 0.75 = 47.50



**Lowe's Home Centers Inc**  
**Permit & License Administration**  
**PO Box 781993**  
**Orlando, FL 32878 – 1993**  
**Bus. 407/832-8085**  
**Fax. 407/393-9151**

**Limited Power of Attorney**

Date: 4/9/18

To: Building Department

From: Peter Anthony Cafaro III

I hereby name and appoint Nan Holmes, Mindy Holmes, Raymond Holmes and Jackie Caines, a permit service for Lowe's, to be my lawful attorney in fact to act for me and apply to

BELLE ISLE for a DOORS permit for work to be performed at a location described as:

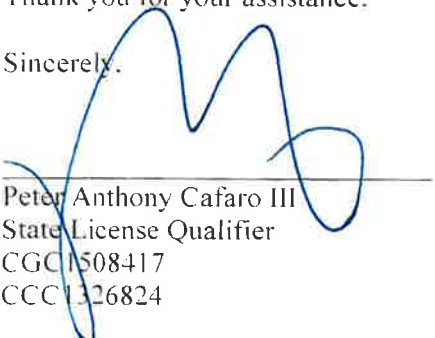
(Address of Job) 5469 CHISWICK CIR

(Owner of Property) CHRIS FLEAGLE

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

Thank you for your assistance.

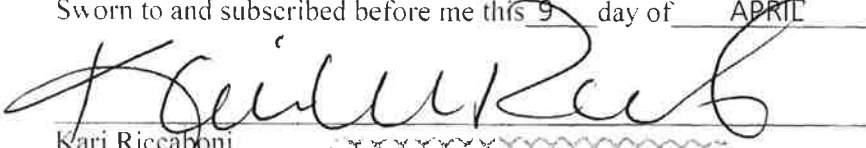
Sincerely,

  
 Peter Anthony Cafaro III  
 State License Qualifier  
 CGC1508417  
 CCC1326824

State of Florida County of Orange

The forgoing instrument was acknowledged before me as Peter Anthony Cafaro III, who is personally known to me and who did not take an oath.

Sworn to and subscribed before me this 9 day of APRIL, 2018



Kari Riccaboni  
 Notary Public  
 My commission expires





# 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)

## Product Approval Form

DATE: 4/9/18

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

PROJECT ADDRESS 5469 CHISWICK CIR

Belle Isle, FL 32809<sup>X</sup> 32812

As required by Florida Statute 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 from FloridaBuilding.org showing PA#, approval and code edition stamped**
3. **Manufacturer's *installation* details from FloridaBuilding.org 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	PLASTPRO	FIBERGLASS	17347.1.4-R2	Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
<b>WINDOWS</b>				<b>ROOFING PRODUCTS</b>			
Single/Dbf Hung				Asphalt Shingles			
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed	PARRETT	WOOD DIRECT	13426.2-R2	Single Ply Roof			
Mullion				Underlayment			
Skylights				Other			
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 4/9/18

FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**



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**Product Approval**  
USER: Public User

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

OFFICE OF THE  
SECRETARY

FL #	<b>FL13426-R2</b>	
Application Type	Affirmation	
Code Version	2017	
Application Status	Approved	
Comments	Archived	
Product Manufacturer	Parrett Manufacturing, Inc.	
Address/Phone/Email	810 Second Avenue East Dorchester, WI 54425 (715) 654-6444 Ext 209 tblume@parrettwindows.com	
Authorized Signature	Justin Zirngible justin@parrettwindows.com	
Technical Representative	Address/Phone/Email	
Quality Assurance Representative	Address/Phone/Email	
Category	<b>Windows</b>	
Subcategory	<b>Fixed</b>	
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	Warren W. Schaefer, P.E.	
Florida License	PE-44135	
Quality Assurance Entity	Window and Door Manufacturers Association-QA	
Quality Assurance Contract Expiration Date	06/02/2021	
Validated By	Terrence E. Lunn, PE <input type="checkbox"/> Validation Checklist - Hardcopy Received	
Certificate of Independence	<a href="#">FL13426 R2 COI Certificate of Independence.pdf</a>	
Referenced Standard and Year (of Standard)	<b>Standard</b>	<b>Year</b>
	TAS-201	1994
	TAS-202	1994
	TAS-203	1994
Equivalence of Product Standards Certified By		
Sections from the Code		

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

compliance with the new Florida Building Code.

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

Product Approval Method Method 1 Option D

Date Submitted 02/05/2018  
 Date Validated 02/05/2018  
 Date Pending FBC Approval  
 Date Approved 02/09/2018

**Summary of Products**

FL #	Model, Number or Name	Description
13426.1	Aluminum Clad Wood Direct Set Window	Aluminum Clad Wood Direct Set Window
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> Yes <b>Design Pressure:</b> N/A <b>Other:</b> Window Size, assembly, installation requirements & design pressure are to be as specified in attached drawing No. 1419. Job required design wind pressure shall be calculated in accordance with the Florida Building Code Chapter 16 and ASCE 7 Minimum Design Loads for Building and Other Structures. This window system is rated as a wind zone 4 missile level "D" product.		<b>Installation Instructions</b> <a href="#">FL13426_R2_II_Drawing_1419.pdf</a> Verified By: Warren W. Schaefer, P.E. P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL13426_R2_AE_Evaluation_report_WWS-199.pdf</a> Created by Independent Third Party: Yes
13426.2	Wood Direct Set Window	Wood Direct Set Window
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> Yes <b>Design Pressure:</b> N/A <b>Other:</b> Window Size, assembly, installation requirements & design pressure are to be as specified in the attached drawing No. 1418. Job required design wind pressure shall be calculated in accordance with the Florida Building Code Chapter 16 and ASCE 7 Minimum Design Loads for Building and Other Structures. This window system is rated as a wind zone 4 missile level "D" product.		<b>Installation Instructions</b> <a href="#">FL13426_R2_II_Drawing_1418.pdf</a> Verified By: Warren W. Schaefer, P.E. P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL13426_R2_AE_Evaluation_report_WWS-198.pdf</a> Created by Independent Third Party: Yes

[Back](#)[Next](#)Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

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

**Product Approval Accepts:**

Credit Card  
**Safe**

SECURITYMETRICS

**GENERAL NOTES:**

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLES".
2. OPENINGS, BACKING & BACKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO RESIST WIND LOADS TO THE STRUCTURE, & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BEG MATERIAL SHALL BE BORED WALL FINISH OR SILLCO.
3. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH WIND/STORM ZONES (HMZ) & IS LARGE INSIDE WEIGHT RATED.
4. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
5. ALL ANCHORS SECURE PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS. THE PRODUCT DESIGNERS SHALL BE RESPONSIBLE FOR VERIFYING THE CORROSION RESISTANCE OF THE ANCHORS TO THE PRESSURE TREATING CHEMICALS. THESE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS PER THE ASCE-7 STANDARD.
6. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
7. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREON IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/AGENCY AND SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE LOCAL ADOPTED BUILDING CODES. THE PRODUCT DESIGNERS SHALL BE RESPONSIBLE FOR VERIFYING THE CORROSION RESISTANCE OF THE ANCHORS TO THE PRESSURE TREATING CHEMICALS. THESE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS PER THE ASCE-7 STANDARD.
8. THE PRODUCT DESIGNERS SHALL BE RESPONSIBLE FOR VERIFYING THE CORROSION RESISTANCE OF THE ANCHORS TO THE PRESSURE TREATING CHEMICALS. THESE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS PER THE ASCE-7 STANDARD.
9. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREON IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/AGENCY AND SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE LOCAL ADOPTED BUILDING CODES. THE PRODUCT DESIGNERS SHALL BE RESPONSIBLE FOR VERIFYING THE CORROSION RESISTANCE OF THE ANCHORS TO THE PRESSURE TREATING CHEMICALS. THESE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS PER THE ASCE-7 STANDARD.
10. THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EMPLOYED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.
11. ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED TREATED SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC REQUIREMENTS.

**CORNER CONSTRUCTION**

JAMB CORNERS: CORNERS BUTTED AND SECURED WITH NO. 8 X 2 1/4" WOOD SCREWS (3 PER CORNER) AND 3/16" X 1 1/16" 18 GA. CROWN STAPLES (2 PER CORNER)

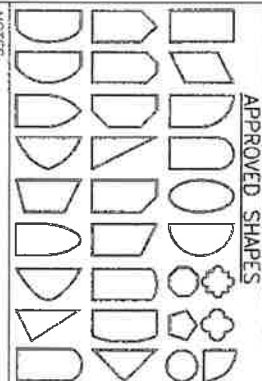
**ALLOWABLE DESIGN PRESSURE (SINGLE WINDOW)**  
+/- 80 PSF

RECTANGULAR WINDOWS SHOWN, ANCHORING OF SHAPED WINDOWS IS THE SAME WITH REQUIRED ANCHOR SPACING ALONG THE FRAME CIRCUMFERENCE BEING THE SAME AS SPECIFIED FOR A STRAIGHT FRAME.

**FRAME ANCHOR REQUIREMENTS TABLE**

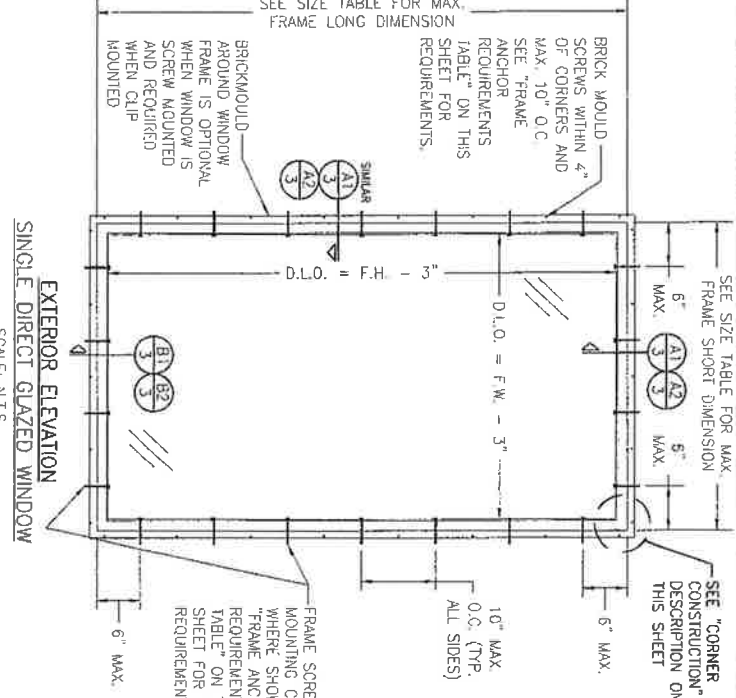
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MIN. 2x4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	(1) NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	(1) NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	(1) NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	(1) NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CML OR 2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2x4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1"	1/2"
MIN. 2x4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS SCREW	1 3/8"	1/2"

- NOTES:**
1. OTHER SHAPES MAY APPLY PROVIDED THEY ARE SIMILAR TO THOSE SHOWN.
  2. ALL SHAPED UNITS MUST FIT INSIDED INTO THE ALLOWABLE RECTANGULAR UNITS & BE COVERED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.



**APPROVED SHAPES**

LONG DIMENSION OF WINDOW MAY BE HORIZONTAL OR VERTICAL (HEIGHT & WIDTH MAY BE INTERCHANGED).

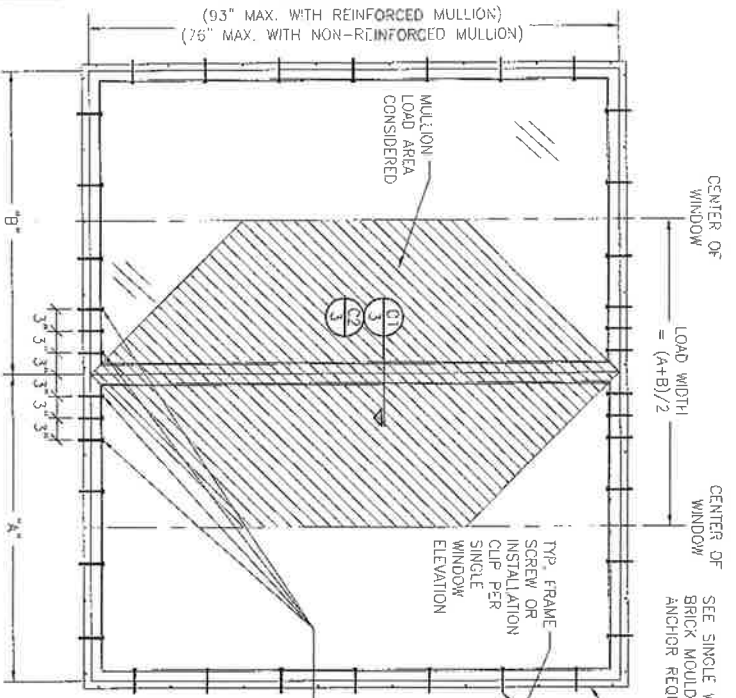


ALLOWABLE SIZE TABLE	MAXIMUM FRAME SHORT DIMENSION (IN.)	MAXIMUM FRAME LONG DIMENSION (IN.)
1, 2, 5 & 6	120	132
3 & 4	144	144
GLASS OPTIONS		
54	54	54
48	60	60
42	66	66
(1) 36	76	76
36	80	80
30	96	96
24	120	120
CLASS OPTIONS 7 & 8		
60	72	72
54	80	80
48	90	90
(1) 46	93	93
42	102	102
36	120	120
30	144	144

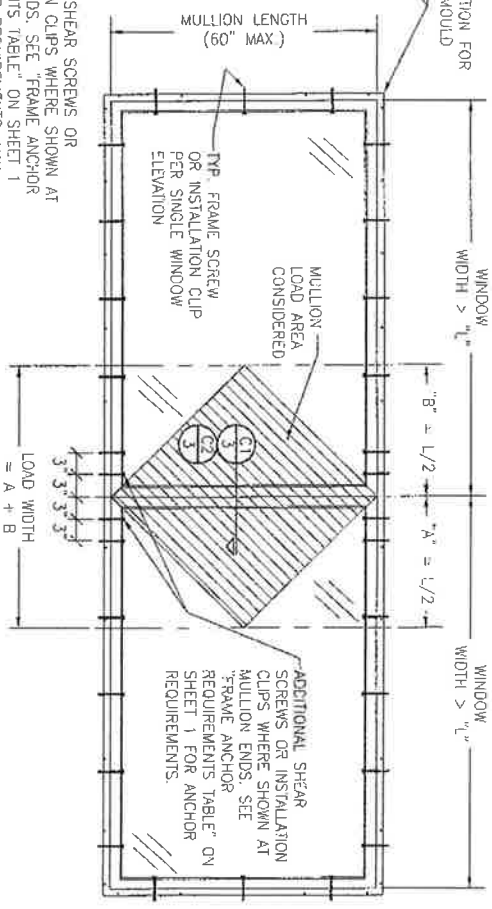
(1) = TESTED SIZES

These drawings are available only to the product specifier. They may not be used for the assembly and/or installation of any other product nor may they be used for removal and/or local approval. Please refer to these drawings for the window unit.

<p>CERTIFICATION <b>JAN 09 2015</b></p> <p>WARREN W. SCHAEFER, P.E. P.E. NO. 44135</p>	<p>DRAWING TITLE <b>WOOD DIRECT SET WINDOW</b></p>	<p>NO. 1</p> <p>REVISION DESCRIPTION</p> <p>BY: W.R.W.</p> <p>DATE: 10/19/11</p>	<p>DESIGNED BY: W.S.</p> <p>DATE: 1/12/06</p>
		<p>NO. 2</p> <p>REVISION DESCRIPTION</p> <p>BY: W.S.</p> <p>DATE: 01/28/15</p>	<p>DATE: 1/12/06</p>
<p>CONSULTANTS: <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424</p>	<p>MANUFACTURER: <b>PARRETT WINDOWS</b> 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444</p>	<p>DRAWING NO. <b>1418</b></p> <p>SHEET NO. <b>B</b></p> <p>1 OF 5</p>	



ADDITIONAL SHEAR SCREWS OR INSTALLATION CLIPS WHERE SHOWN AT MULLION ENDS. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR ANCHOR REQUIREMENTS. MAY REDUCE TO 4 ANCHORS PER END IF EITHER THE REQUIRED PRESSURE IS LESS THAN 60 PSF, THE LOAD WIDTH IS LESS THAN 36", OR MULLION LENGTH IS LESS THAN 74".



FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH (SEE MULLION LOAD TABLE ON THIS SHEET)  
 (DOUBLE WINDOW SHOWN, MORE THAN 2 WINDOWS MAY BE MULLIED TOGETHER IN ONE DIRECTION INTO ONE OPENING.)  
 NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL.  
 SEE: SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN.

**FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE LESS THAN OR EQUAL TO THE MULLION LENGTH (SEE MULLION LOAD TABLE ON THIS SHEET)**

(DOUBLE WINDOW SHOWN, MORE THAN 2 WINDOWS MAY BE MULLIED TOGETHER IN ONE DIRECTION INTO ONE OPENING.)  
 NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL.  
 SEE: SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN.

**MULTIPLE UNIT NOTES:**

1. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR THE ALLOWABLE MULLION PRESSURE. SEE MULLION LOAD TABLE ON THIS SHEET FOR ALLOWABLE UNIT PRESSURE.
2. WINDOWS MAY BE STACKED HORIZONTALLY OR VERTICALLY. IF VERTICALLY STACKED, MANUFACTURER MUST INSURE THAT THE DEAD WEIGHT OF THE WINDOWS DOES NOT CAUSE ANY WINDOW FAILURES OR DEFORMATIONS.

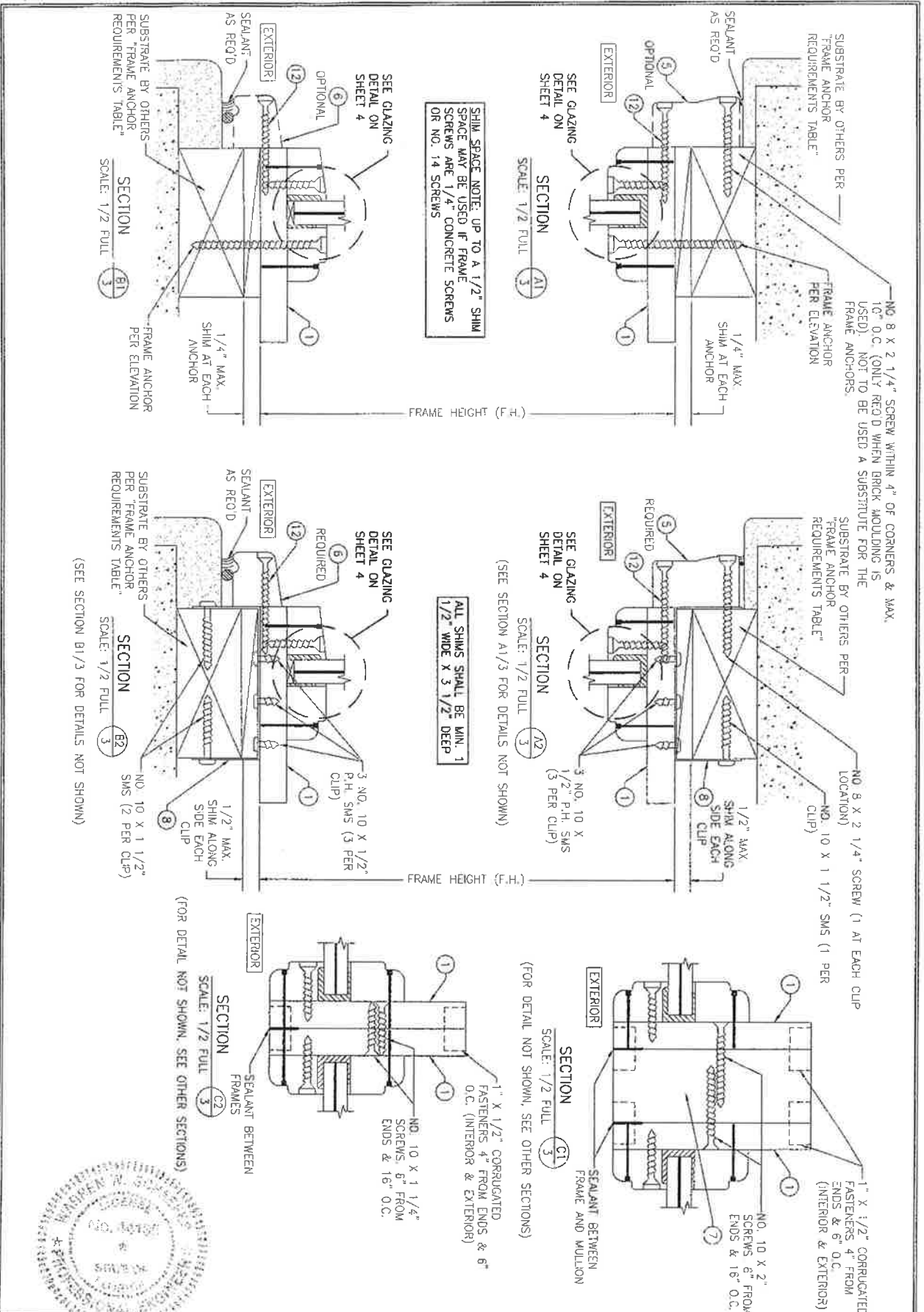
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	MULLION ALLOWABLE LOAD TABLE	
		ALLOWABLE PRESSURE (POS. & NEG. PSF)	WITHOUT REINFORCEMENT
60	60	65.7	N/A
54	48	70.9	N/A
48	36	77.9	N/A
42	24	80.0	N/A
36	12	71.0	N/A
30	6	76.2	N/A
24	3	80.0	N/A
18	1.5	80.0	N/A
12	0.75	80.0	N/A
6	0.375	80.0	N/A
3	0.1875	80.0	N/A
2	0.125	80.0	N/A
1	0.0625	80.0	N/A

LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT ALLOWED FOR THE INDIVIDUAL WINDOW SHALL CONTROL AS ALLOWABLE FOR THE OVERALL UNIT.



DRAWING TITLE <b>WOOD DIRECT SET WINDOW</b>		MANUFACTURER: <b>PARRETT WINDOWS</b> 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444									
CONSULTANTS: <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 3480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		REVISIONS: <table border="1"> <tr> <th>NO.</th> <th>REVISION DESCRIPTION</th> <th>RF</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	REVISION DESCRIPTION	RF	DATE				
NO.	REVISION DESCRIPTION	RF	DATE								
DRAWING NO. <b>1418</b>		SHEET NO. <b>5</b>									
DESIGNER <b>WARREN W. SCHAEFER, P.E.</b> E. NO. 44135		CHECKED BY <b>W.W.S.</b>									





SHIM SPACE NOTE: UP TO A 1/2" SHIM SPACE MAY BE USED IF FRAME SCREWS ARE 1/4" CONCRETE SCREWS OR NO. 14 SCREWS

ALL SHIMS SHALL BE MIN. 1 1/2" WIDE X 3 1/2" DEEP

(SEE SECTION B1/3 FOR DETAILS NOT SHOWN)

(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

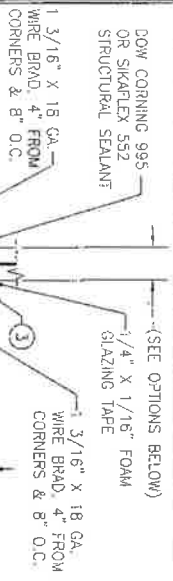
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



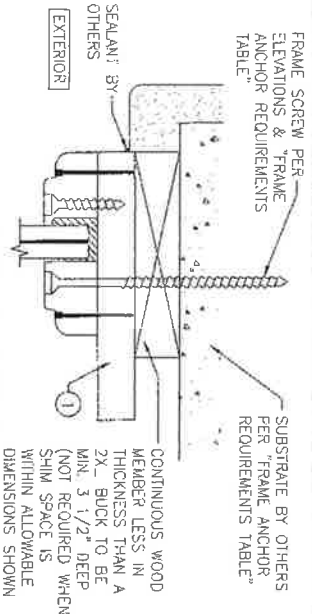
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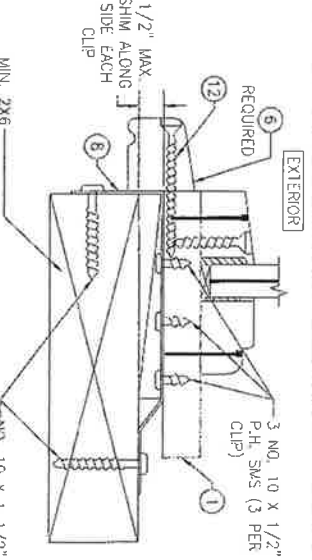
DRAWING NO. 1418 SHEET NO. 3 OF 5	<b>CERTIFICATION</b> <b>JAN 09 2015</b> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	<b>DRAWING TITLE</b> WOOD DIRECT SET WINDOW	<b>CONSULTANTS</b> W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	<b>MANUFACTURER</b> PARRETT WINDOWS 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444
--------------------------------------	--	--	--	---



- OPTION 1: 9/16" THICK LAMINATED GLASS (1/4" H.S./0.075" EASTMAN CHEM. CO. SAFLEX CP/1/4" H.S.)
- OPTION 2: 9/16" THICK LAMINATED GLASS (1/4" H.S./0.10 EASTMAN CHEM. CO. SAFLEX HP/1/4" H.S.)
- OPTION 3: 9/16" THICK LAMINATED GLASS (1/4" AN/0.075" EASTMAN CHEM. CO. SAFLEX CP/1/4" AN)
- OPTION 4: 9/16" THICK LAMINATED GLASS (1/4" AN/0.10 EASTMAN CHEM. CO. SAFLEX HP/1/4" AN)



**OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER**  
 (HEAD SECTION SHOWN, SILL & SIDES ARE INSTALLED THE SAME)  
 (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



**OPTIONAL CLIP MOUNT CONDITION**  
 (HEAD SECTION SHOWN, HEAD & SIDES ARE SIMILAR TO OTHERS)

- OPTION 5: 5/16" THICK 1G LAMINATED GLASS (1/4" H.S./0.075" EASTMAN CHEM. CO. SAFLEX CP/1/4" H.S. EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR).
- OPTION 6: 5/16" THICK 1G LAMINATED GLASS (1/4" H.S./0.075" EASTMAN CHEM. CO. SAFLEX HP/1/4" H.S. EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR).
- OPTION 7: 5/16" THICK 1G LAMINATED GLASS (1/4" AN/0.075" EASTMAN CHEM. CO. SAFLEX CP/1/4" AN EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR).
- OPTION 8: 5/16" THICK 1G LAMINATED GLASS (1/4" AN/0.10" EASTMAN CHEM. CO. SAFLEX HP/1/4" AN EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR).

NOTE: WHEN REQUIRED TO MEET FLORIDA BUILDING CODE SAFETY GLASS REQUIREMENTS, THE INTERIOR SINGLE PANE OR GLASS SHALL BE TEMPERED.



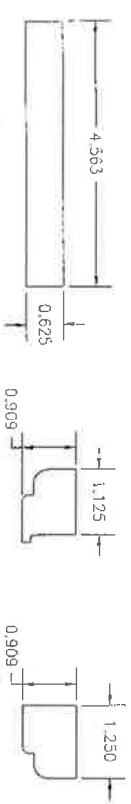
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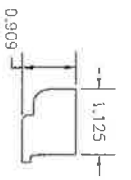
<b>CERTIFICATION</b> <b>JAN 09 2015</b> WARRICK W. SCHAEFER, P.E. P.E. NO. 44135	<b>DRAWING TITLE</b> <b>WOOD DIRECT SET WINDOW</b>	<b>CONSULTANT</b> <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	<b>MANUFACTURER</b> <b>PARRETT WINDOWS</b> 810 2ND AVE EAST DORCHESTER, WI 54425 (715) 654-6444
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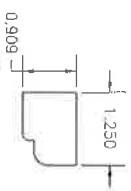
DRAWING NO. 1418 SHEET NO. 4 OF 5	DATE 1/9/15
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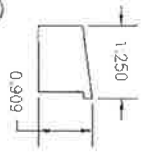
1 JAMB



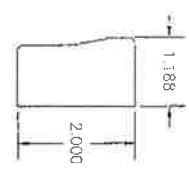
2 EXTERIOR GLAZING BEAD AT HEAD & SIDES



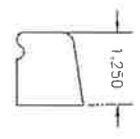
3 INTERIOR GLAZING BEAD



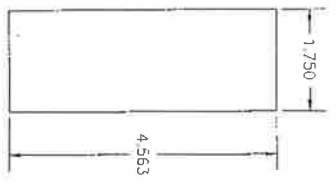
4 EXTERIOR GLAZING BEAD AT SILL



5 BRICK MOULDING AT HEAD & SIDES (OPTIONAL)



6 BRICK MOULDING AT SILL (OPTIONAL)



7 MULLION REINFORCEMENT

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
1	JAMB	*RADIATA PINE
2	EXTERIOR GLAZING BEAD AT HEAD & SIDES	*RADIATA PINE
3	INTERIOR GLAZING BEAD	*RADIATA PINE
4	EXTERIOR GLAZING BEAD AT SILL	*RADIATA PINE
5	BRICK MOULDING AT HEAD & SIDES	*RADIATA PINE (SEE FOOTNOTE #1 BELOW)
6	BRICK MOULDING AT SILL	*RADIATA PINE (SEE FOOTNOTE #1 BELOW)
7	MULLION REINFORCEMENT	*MAHOGANY
8	FRAME MOUNTING CLIP	0.05" x 1 1/2" x 5 1/2" MIN. 33 KSI GALV. STEEL
FASTENERS		
12	#8 x 1 5/8" SQ. HD SCREW & 2" x 18 GAGE BRAD NAIL	EACH 4" FROM CORNERS AND 10" O.C.
13	#10 x 1 1/2" PHILLIPS HD SCREW	2" FROM CORNERS AND 10" O.C.

NOTE: WOOD USED IN TESTING WAS RADIATA PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PARRETT WINDOWS TO SELECT.

FOOTNOTE 1: BRICK MOULDING IS ONLY REQUIRED WITH THE CLIP MOUNT CONDITIONS. IT IS NOT REQUIRED WITH THE SHEAR SCREW MOUNT CONDITIONS AND IS THUS OPTIONAL WITH THE SHEAR SCREW MOUNT CONDITIONS.



DRAWING TITLE <b>WOOD DIRECT SET WINDOW</b>		NO. REVISION DESCRIPTION BY DATE	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER <b>PARRETT WINDOWS</b> 810 2ND AVE EAST DORCHESTER, WI 54425 (715) 654-8444	
DRAWING NO. <b>1418</b>	SHEET NO. <b>5</b> OF <b>5</b>	DESIGNER <b>WARREN W. SCHAEFER, P.E.</b> P.E. NO. 44135	CHECKED BY DATE <b>JAN 09 2015</b>

FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**



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**Product Approval**  
USER: Public User

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

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SECRETARY

<b>FL #</b>	<b>FL17347-R2</b>																
<b>Application Type</b>	Revision																
<b>Code Version</b>	2017																
<b>Application Status</b>	Approved																
<b>Comments</b>																	
Archived																	
<b>Product Manufacturer</b>	Plastpro Inc. / Nanya Plastics Corp.																
<b>Address/Phone/Email</b>	5200 W CENTURY BLVD. LOS ANGELES, CA 90045 (440) 969-9773 Ext 16 rickw@rwbldgconsultants.com																
<b>Authorized Signature</b>	Vivlan Wright rickw@rwbldgconsultants.com																
<b>Technical Representative</b>	Scott Johnson																
<b>Address/Phone/Email</b>	5200 W Century Blvd. Los Angeles, CA 90045 (440) 969-9773 Ext 18 scottjohnson@plastproinc.com																
<b>Quality Assurance Representative</b>																	
<b>Address/Phone/Email</b>																	
<b>Category</b>	<b>Exterior Doors</b>																
<b>Subcategory</b>	Swinging Exterior Door Assemblies																
<b>Compliance Method</b>	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer Evaluation Report - Hardcopy Received																
<b>Florida Engineer or Architect Name who developed the Evaluation Report</b>	Lyndon F. Schmidt, P.E.																
<b>Florida License</b>	PE-43409																
<b>Quality Assurance Entity</b>	National Accreditation and Management Institute																
<b>Quality Assurance Contract Expiration Date</b>	12/31/2018																
<b>Validated By</b>	Ryan J. King, P.E. ✓ Validation Checklist - Hardcopy Received																
<b>Certificate of Independence</b>	<a href="#">FL17347 R2 COI (a) Certificate of Independence.pdf</a>																
<b>Referenced Standard and Year (of Standard)</b>	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></th> </tr> </thead> <tbody> <tr> <td>101/1.5.2/NAFS</td> <td>2002</td> </tr> <tr> <td>AAMA/WDMA/CSA101/1.5.2/A440</td> <td>2008</td> </tr> <tr> <td>ASTM E1886</td> <td>2002</td> </tr> <tr> <td>ASTM E1996</td> <td>2002</td> </tr> <tr> <td>ASTM E330</td> <td>2002</td> </tr> <tr> <td>ASTM E331</td> <td>2000</td> </tr> <tr> <td>TAS 201, 202, 203</td> <td>1994</td> </tr> </tbody> </table>	<b>Standard</b>	<b>Year</b>	101/1.5.2/NAFS	2002	AAMA/WDMA/CSA101/1.5.2/A440	2008	ASTM E1886	2002	ASTM E1996	2002	ASTM E330	2002	ASTM E331	2000	TAS 201, 202, 203	1994
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<b>Equivalence of Product Standards</b>																	

Certified By

Florida Licensed Professional Engineer or Architect  
[FL17347\\_R2\\_Equiv\\_\(b\)\\_Equivalency\\_Of\\_Standards.pdf](#)

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

08/13/2017

Date Validated

09/26/2017

Date Pending FBC Approval

09/29/2017

Date Approved

12/12/2017

**Summary of Products**

FL #	Model, Number or Name	Description
17347.1	a. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Single with or without Sidelites (X, OX or XO, OXO) Outswing/Inswing Configurations up to Nominal 6'8 in Height
<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> See INST 17347.1 for any additional use limitations, installation instructions and product particulars.		<b>Installation Instructions</b> <a href="#">FL17347_R2_II_(b)_Inst_17347.1.pdf</a> Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17347_R2_AE_(b)_Eval_17347.1.pdf</a> Created by Independent Third Party: Yes
17347.2	b. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Double with or without Sidelites (XX or OXXO) Outswing/Inswing Configurations up to Nominal 6'8 in Height
<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> See INST 17347.2 for any additional use limitations, installation instructions and product particulars.		<b>Installation Instructions</b> <a href="#">FL17347_R2_II_(b)_Inst_17347.2.pdf</a> Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17347_R2_AE_(b)_Eval_17347.2.pdf</a> Created by Independent Third Party: Yes
17347.3	c. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Single with or without Sidelites (X, OX or XO, OXO) Outswing/Inswing Configurations up to Nominal 8'0 in Height
<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> See INST 17347.3 for any additional use limitations, installation instructions and product particulars.		<b>Installation Instructions</b> <a href="#">FL17347_R2_II_(b)_Inst_17347.3.pdf</a> Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17347_R2_AE_(b)_Eval_17347.3.pdf</a> Created by Independent Third Party: Yes
17347.4	d. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Double with or without Sidelites (XX or OXXO) Outswing/Inswing Configurations up to Nominal 8'0 in Height
<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> See INST 17347.4 for any additional use limitations, installation instructions and product particulars.		<b>Installation Instructions</b> <a href="#">FL17347_R2_II_(b)_Inst_17347.4.pdf</a> Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17347_R2_AE_(b)_Eval_17347.4.pdf</a> Created by Independent Third Party: Yes
17347.5	e. Fiberglass Door	"Impact" Fiberglass Glazed Door - Single with or without Sidelites (X, OX or XO, OXO) Outswing/Inswing Configurations up to Nominal 6'8 in Height
<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> N/A <b>Other:</b> See INST 17347.5 for any additional use limitations, installation instructions and product particulars.		<b>Installation Instructions</b> <a href="#">FL17347_R2_II_(b)_Inst_17347.5.pdf</a> Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17347_R2_AE_(b)_Eval_17347.5.pdf</a> Created by Independent Third Party: Yes



**plastpro**  
 5200 W. CENTURY BLVD.  
 LOS ANGELES, CA 90045

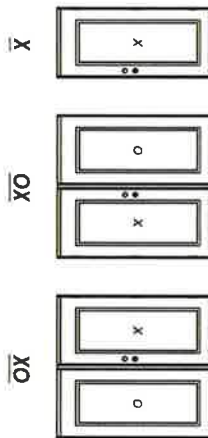
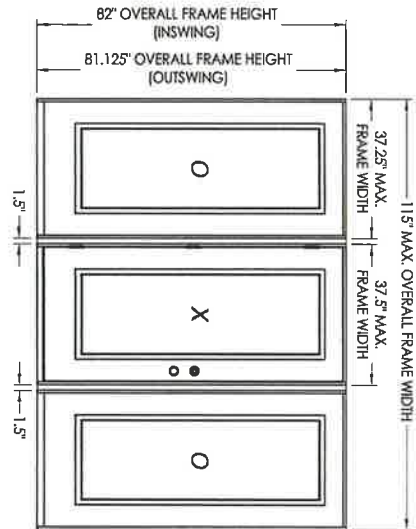
**GLAZED FIBERGLASS DOORS  
 SINGLES  
 W/ OR W/O SIDELITES  
 INSWING / OUTSWING  
 "NON-IMPACT"**

**GENERAL NOTES**

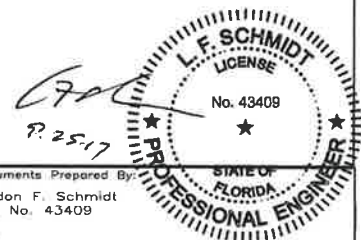
1. This product has been evaluated and is in compliance with the 6th Edition (2017) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 FBC Sections 1609.1.2 & R301.2.1.2.
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.

**TABLE OF CONTENTS**

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1	Typical elevations, design pressures & general notes
2	Door & Sidelite panel details
3	Lite frame glazing details
4	Elevations
5	Horizontal cross sections
6	Horizontal & Vertical Cross Sections (2X Buck)
7	Horizontal & Vertical Cross Sections (1X Buck)
8	Horizontal & Vertical Cross Sections (Direct to Masonry)
9	Vertical Cross Sections (Thresholds)
10	Horizontal & Vertical Cross Sections (Direct to Masonry)
11	Buck anchoring
12	Frame anchoring & hardware details
13	Bill of materials and components



CONFIGURATION	MAX. FRAME DIMENSION	JAMB REINFORCEMENT	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
			INSWING	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 82.0"	N/A	+47.0	-47.0	+47.0	-47.0
	74.75" x 82.0"	N/A	+35.0	-40.0	+35.0	-35.0
	75.5" x 82.0"	1X	+40.0	-45.0	+40.0	-40.0
OX/XO	76.25" x 82.0"	2X	+50.0	-50.0	+50.0	-50.0
	112.0" x 82.0"	N/A	+35.0	-35.0	+35.0	-35.0
	113.5" x 82.0"	1X	+40.0	-45.0	+40.0	-40.0
OXO	115.0" x 82.0"	2X	+47.0	-47.0	+47.0	-47.0



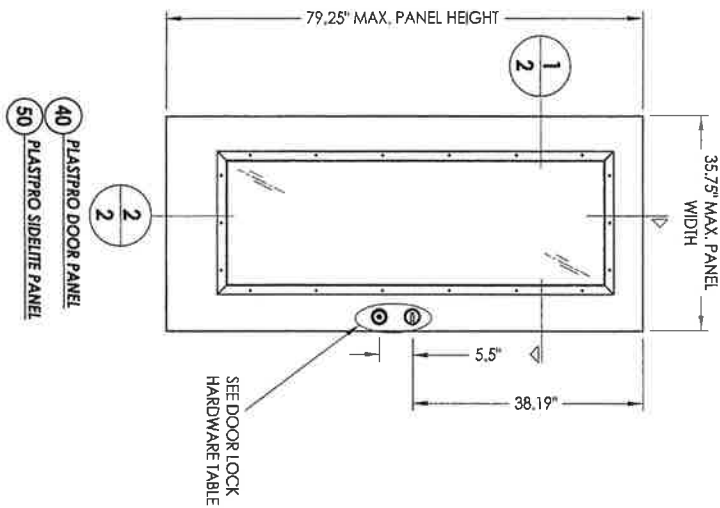
Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC FIBERGLASS DOOR

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

NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

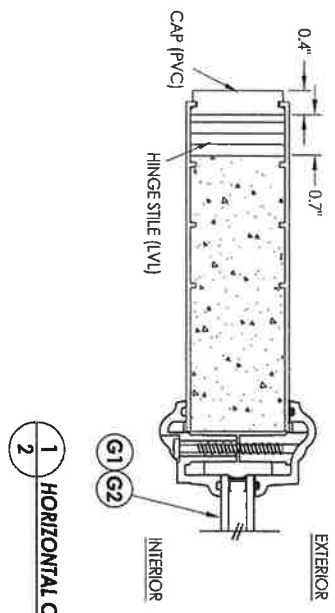
DATE: 10/08/14  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-17347.1  
 SHEET 1 OF 13



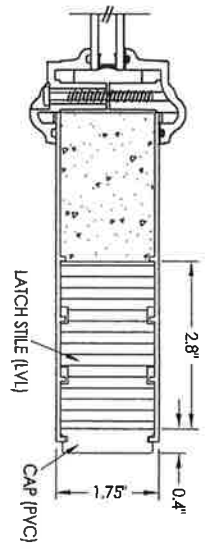
- 40 PLASTPRO DOOR PANEL
- 50 PLASTPRO SIDELITE PANEL

SEE DOOR LOCK HARDWARE TABLE

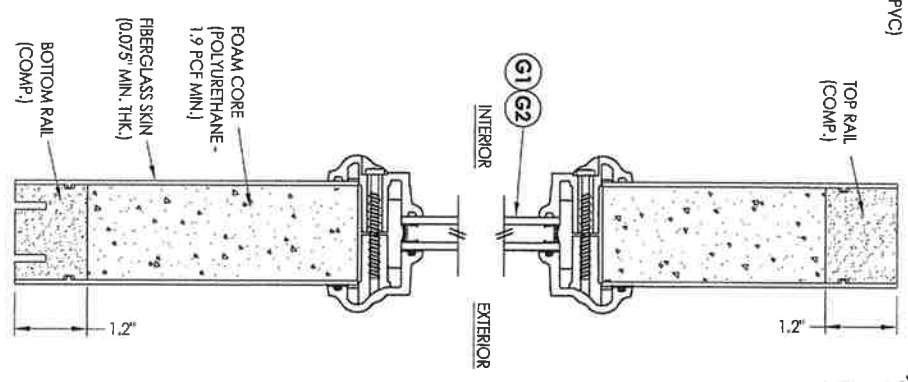
DOOR LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
Kwikset	Knob: Series (400) Deadbolt: Series (440)
Schlage	Handle Set: "F" Series (F60) Deadbolt: "F" Series (F60)
Schlage	Knob: "B" Series (B60/62) Deadbolt: "B" Series (B60/62)
Yale	Knob: Cirrus 100 C Deadbolt: 820 Single Cylinder
Dexter by Schlage	Knob: J54 Deadbolt: JD40



1 HORIZONTAL CROSS SECTION



2 VERTICAL CROSS SECTION

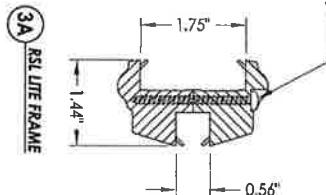
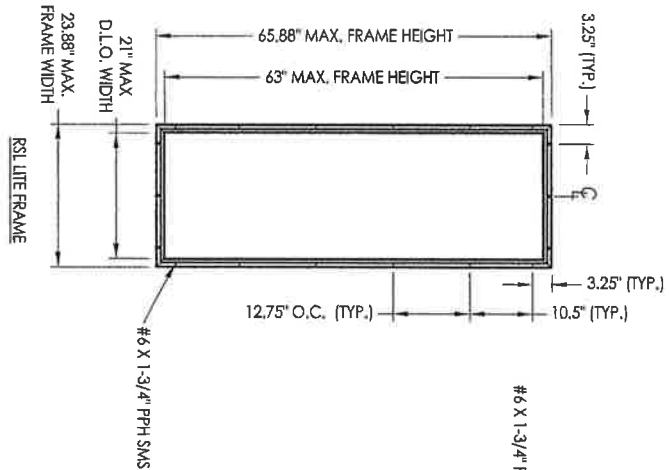
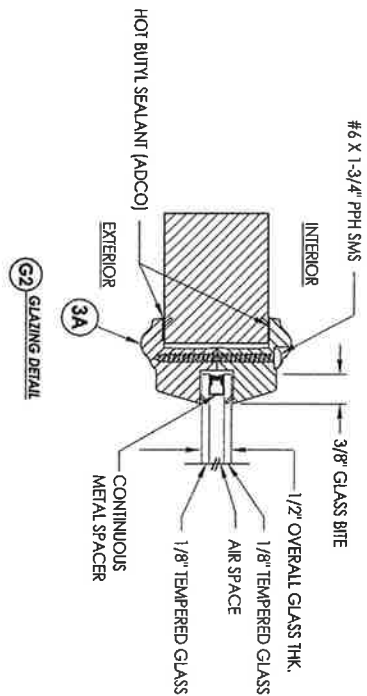
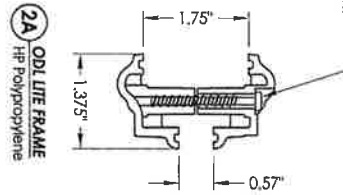
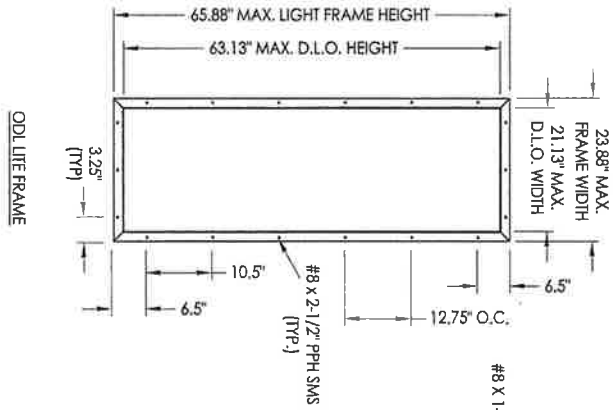
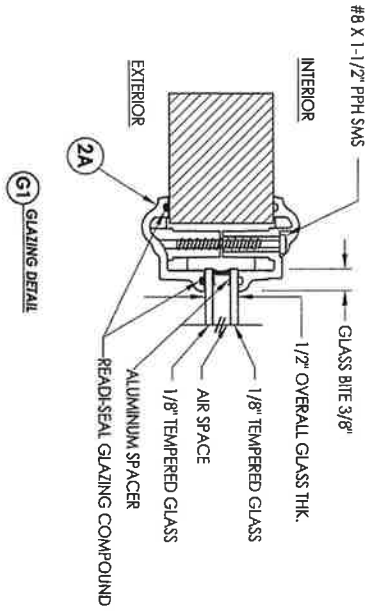


**L. F. SCHMIDT**  
 LICENSE  
 No. 43408  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

*7.25.17*  
 7.25.17

PRODUCT: PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR & SIDELITE PANEL DETAILS	
REVISIONS 2 17/27/17 UPDATE TO 6TH ED. (2017) FBC JK 1 04/14/15 UPDATE TO 5TH ED. (2014) FBC JK NO. DATE		DRAWING NO.: FL-17347.1 SHEET 2 OF 13	

Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813



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

9-25-17  
 R.W.

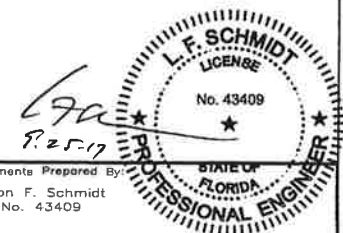
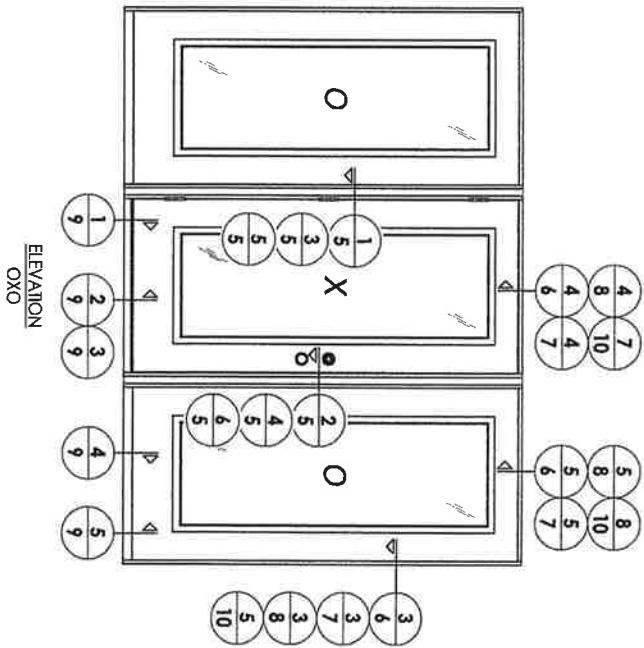
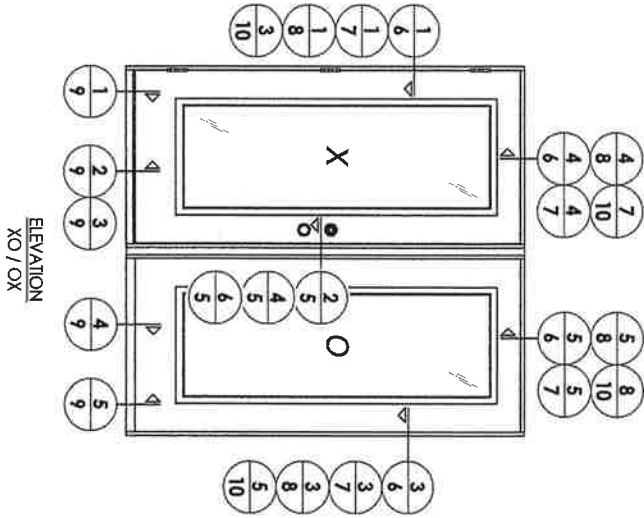
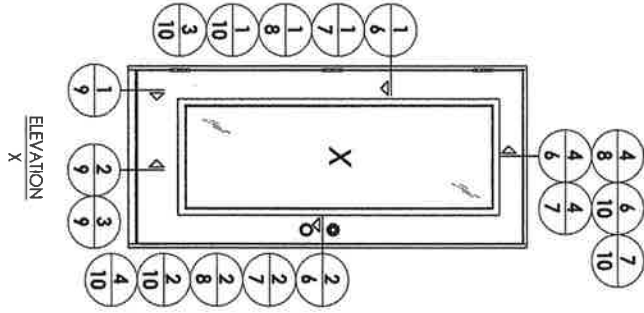
Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409

BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 10/08/14  
 SCALE: N.T.S.  
 DWG. BR.: JK  
 CHK. BR.: LFS  
 DRAWING NO.: FL-17347.1  
 SHEET 3 OF 13

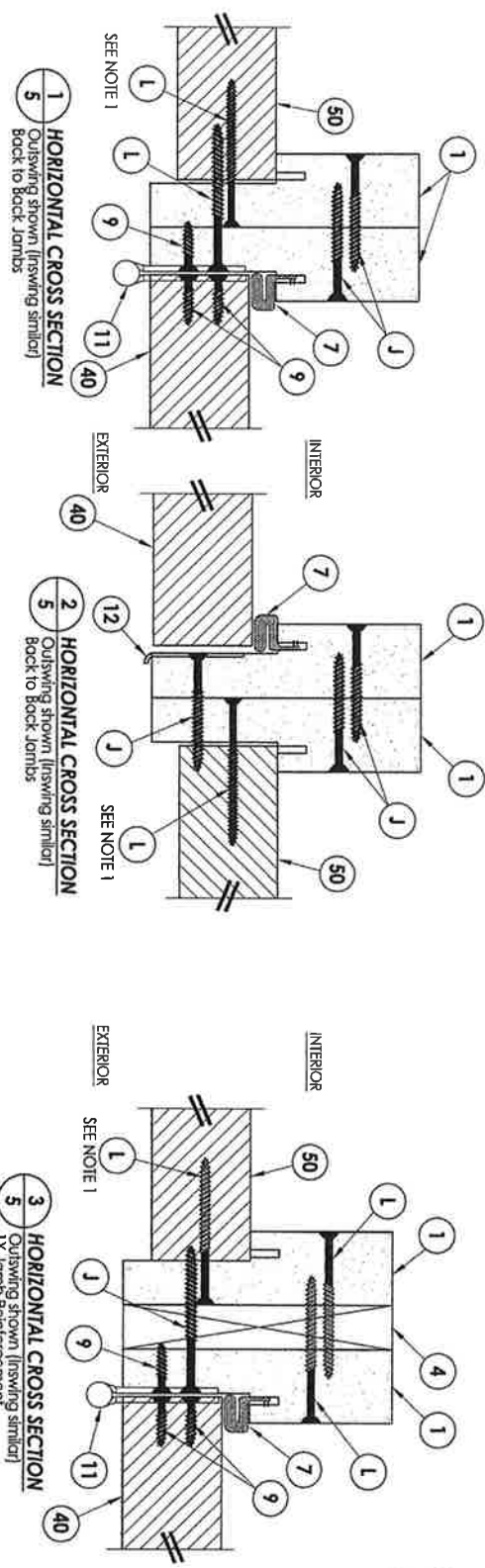




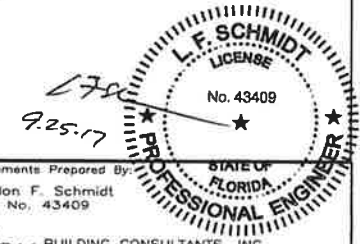
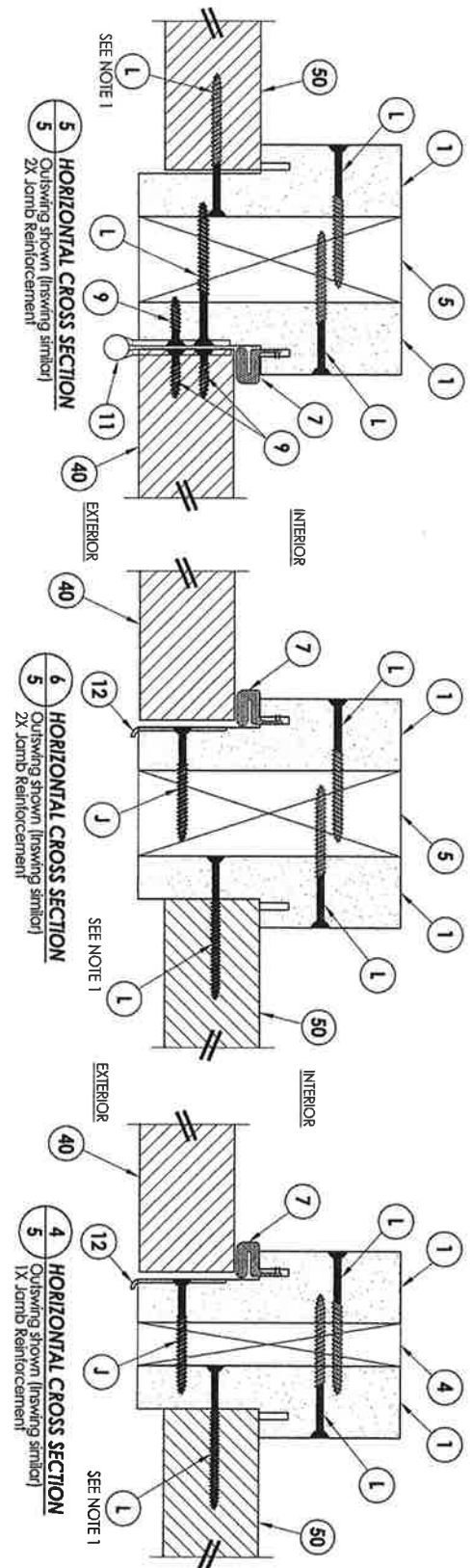
REVISIONS		PRODUCT:		PART OR ASSEMBLY:	
NO.	DATE	DESCRIPTION	PLASTPRO INC	ELEVATIONS	
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	FIBERGLASS DOOR		
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC			
				BY	

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

BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
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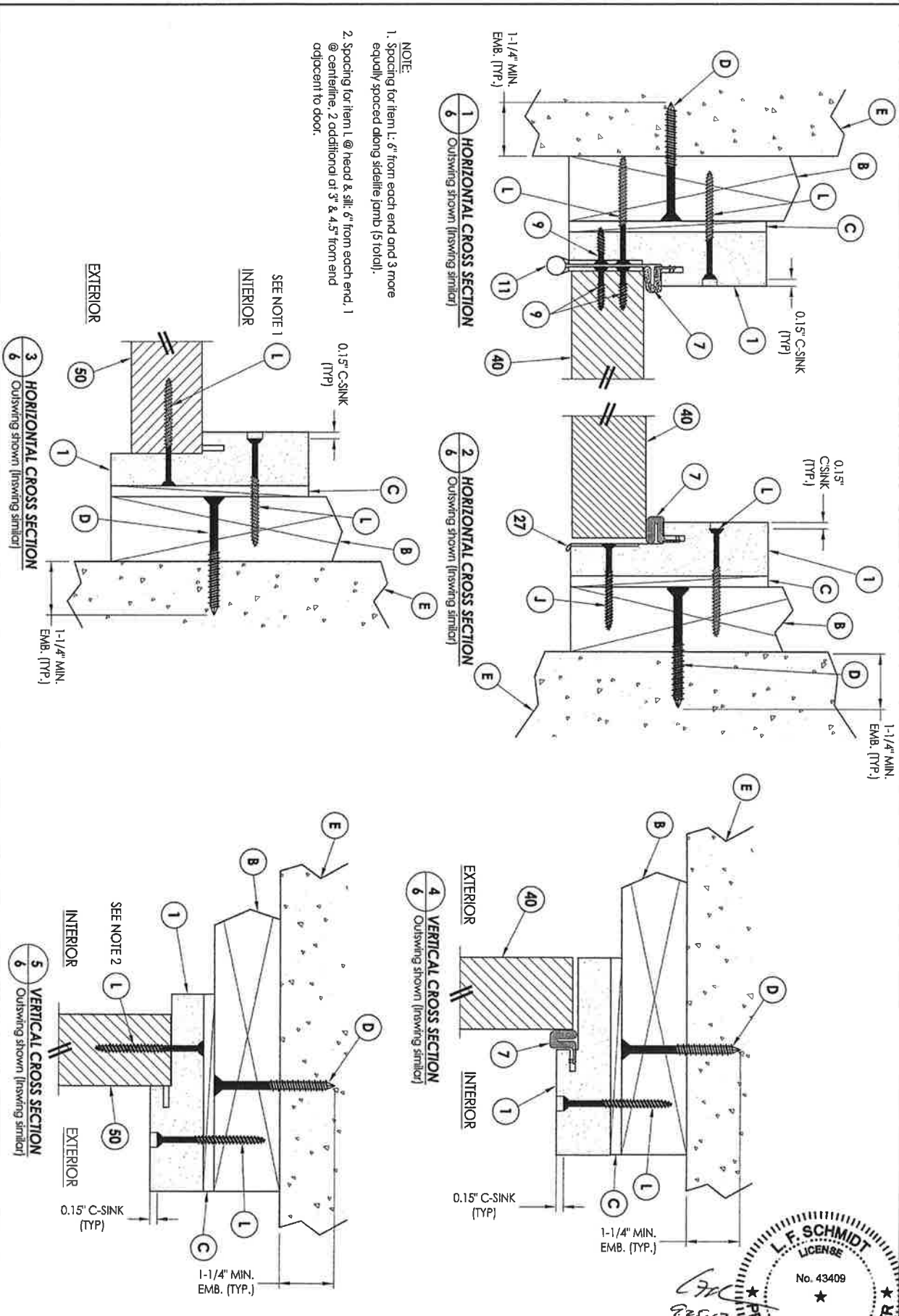
NOTE:  
1. Spacing for Item 1: 6" from each end and 3 more equally spaced along sidelle (jamb 15 total).



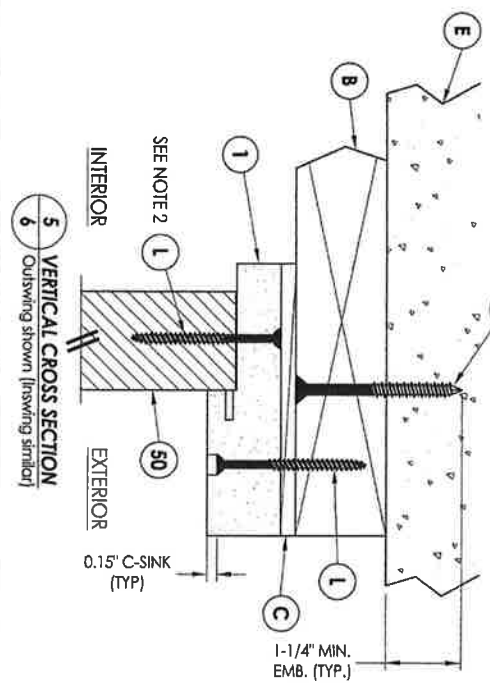
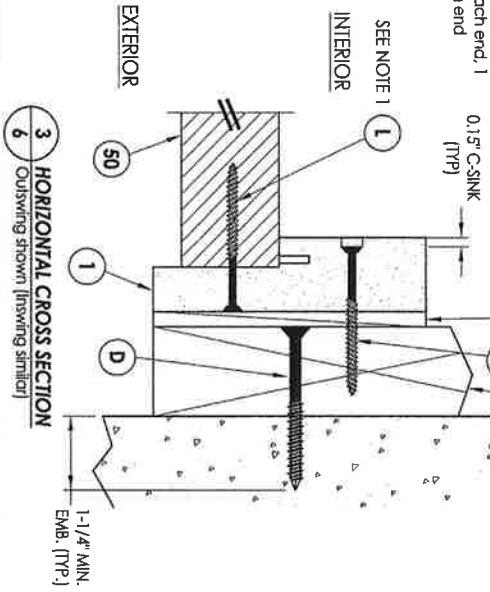
PRODUCT:		PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
REVISIONS		NO. DATE BY 2 7/27/17 UPDATE TO 6TH ED. (2017) FBC JK 1 04/14/15 UPDATE TO 5TH ED. (2014) FBC JK	
DATE:	10/08/14	SCALE:	N.T.S.
DWG. BR:	JK	CHK. BR:	LFS
DRAWING NO.:	FL-17347.1	SHEET:	5 OF 13

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

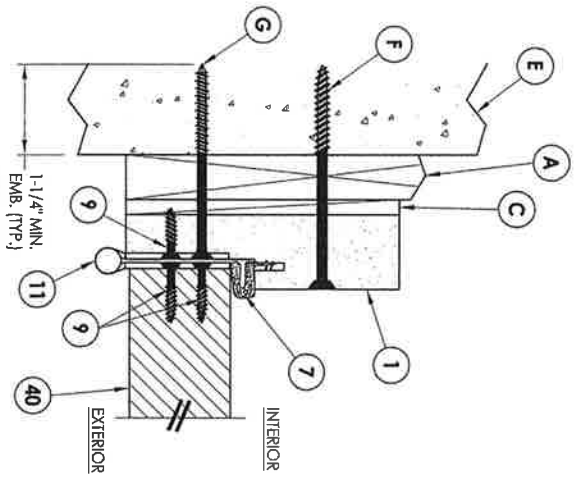
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Volrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813



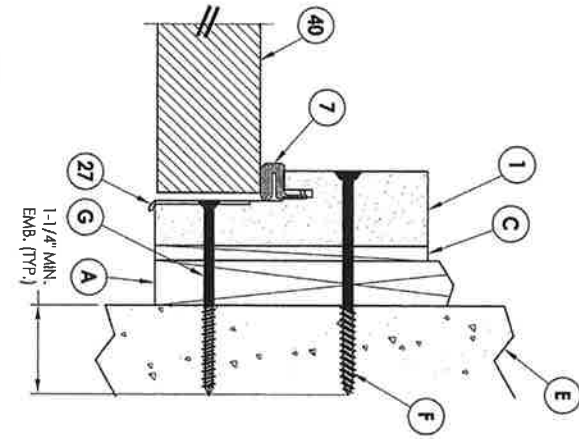
NOTE:  
 1. Spacing for item L, 6" from each end and 3 more equally spaced along sidelite jamb (5 total).  
 2. Spacing for item L @ head & sill, 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.



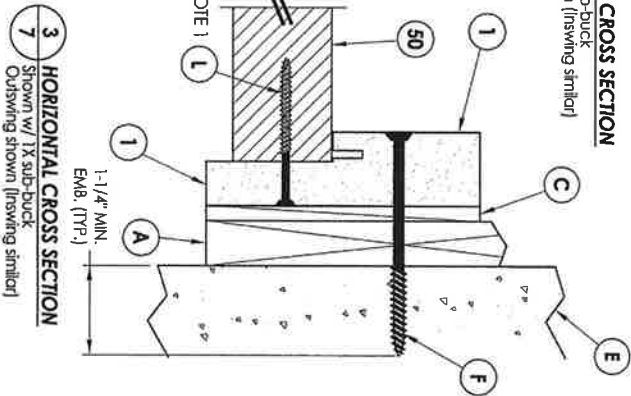
SHEET 6 OF 13		DRAWING NO.: FL-17347.1		CHK. BY: LFS		DWG. BY: JK		SCALE: N.T.S.		DATE: 10/08/14	
PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)		Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409	
REVISIONS		NO.		DATE		DESCRIPTION		BY		DATE	
		2		7/27/17		UPDATE TO 6TH ED. (2017) FBC		JK			
		1		04/14/15		UPDATE TO 5TH ED. (2014) FBC		JK			



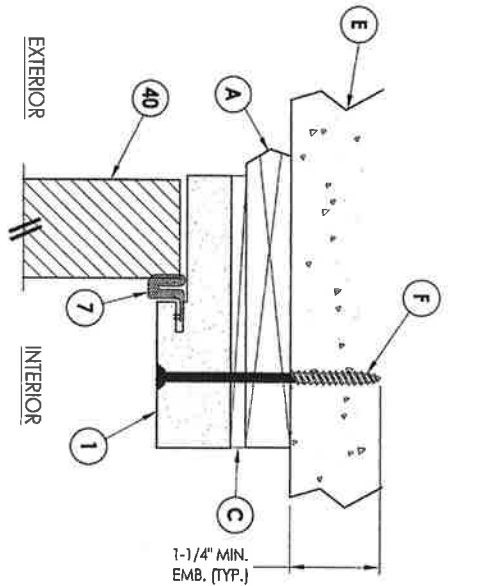
**1 HORIZONTAL CROSS SECTION**  
 Shown w/ 1X sub-buck  
 Outswing shown (Inswing similar)



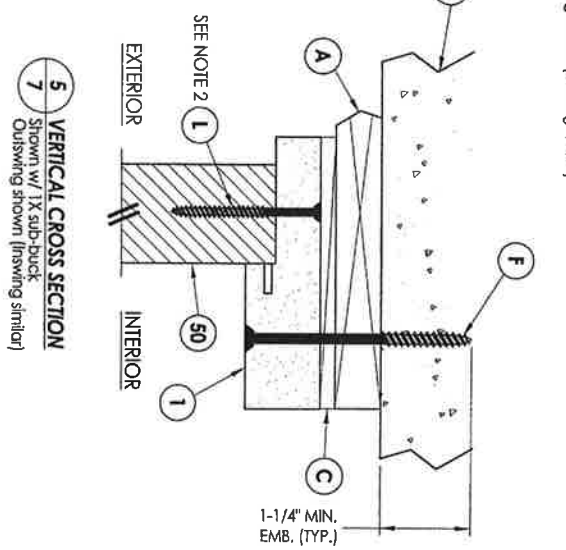
**2 HORIZONTAL CROSS SECTION**  
 Shown w/ 1X sub-buck  
 Outswing shown (Inswing similar)



**3 HORIZONTAL CROSS SECTION**  
 Shown w/ 1X sub-buck  
 Outswing shown (Inswing similar)

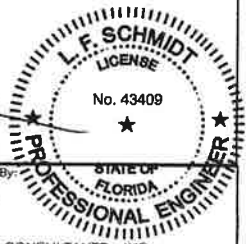


**4 VERTICAL CROSS SECTION**  
 Shown w/ 1X sub-buck  
 Outswing shown (Inswing similar)



**5 VERTICAL CROSS SECTION**  
 Shown w/ 1X sub-buck  
 Outswing shown (Inswing similar)

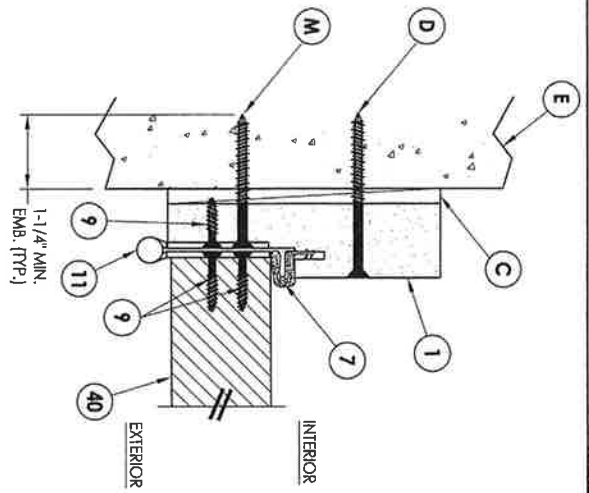
**NOTE:**  
 1. Spacing for item 1, 6\" from each end and 3 more equally spaced along sidelite jamb (5 total).  
 2. Spacing for item 1 @ head & sill, 6\" from each end, 1 @ centerline, 2 additional at 3\" & 4.5\" from end adjacent to door.



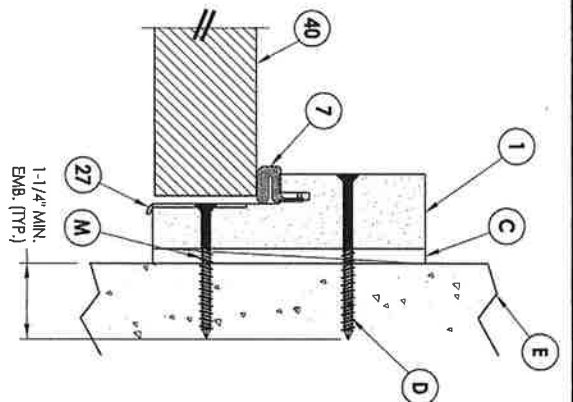
DATE: 10/08/14		SCALE: N:1:S		CHK. BR: J/K		DRAWING NO.: FL-17347.1		SHEET 7 OF 13	
DATE: 7/27/17		UPDATE TO 6TH ED. (2017) FBC		CHK. BR: J/K		DRAWING NO.: FL-17347.1		SHEET 7 OF 13	
DATE: 04/14/15		UPDATE TO 5TH ED. (2014) FBC		CHK. BR: J/K		DRAWING NO.: FL-17347.1		SHEET 7 OF 13	
NO.		DATE		REVISIONS		BY			

PRODUCT: PLASTPRO INC FIBERGLASS DOOR  
 PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)

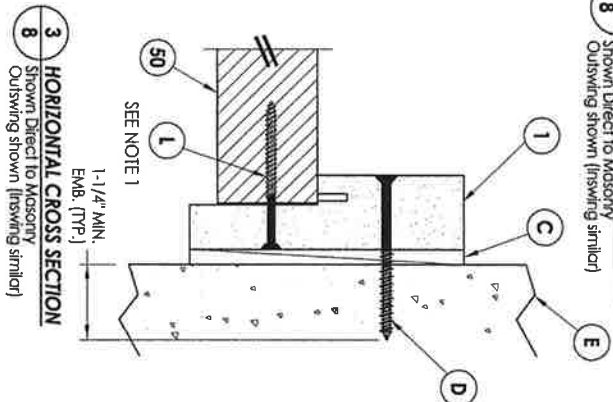
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409  
 BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813



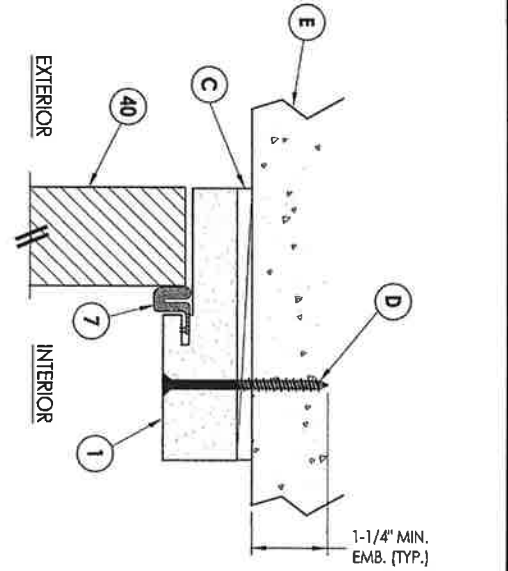
**1** HORIZONTAL CROSS SECTION  
 8 Shown Direct to Masonry  
 Outswing shown (finishing similar)



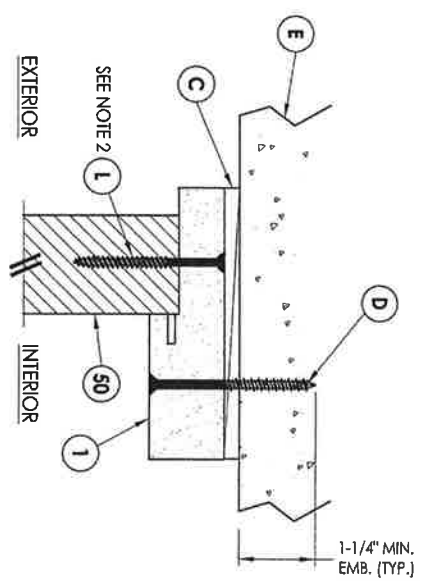
**2** HORIZONTAL CROSS SECTION  
 8 Shown Direct to Masonry  
 Outswing shown (finishing similar)



**3** HORIZONTAL CROSS SECTION  
 8 Shown Direct to Masonry  
 Outswing shown (finishing similar)

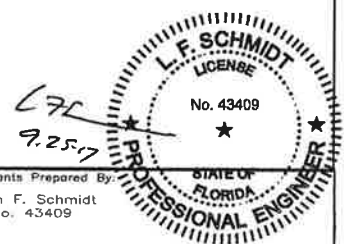


**4** VERTICAL CROSS SECTION  
 8 Shown Direct to Masonry  
 Outswing shown (finishing similar)



**5** VERTICAL CROSS SECTION  
 8 Shown Direct to Masonry  
 Outswing shown (finishing similar)

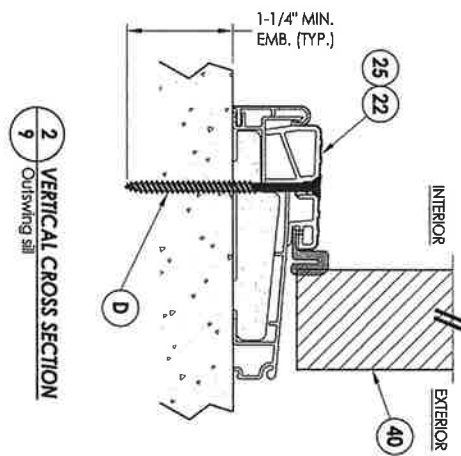
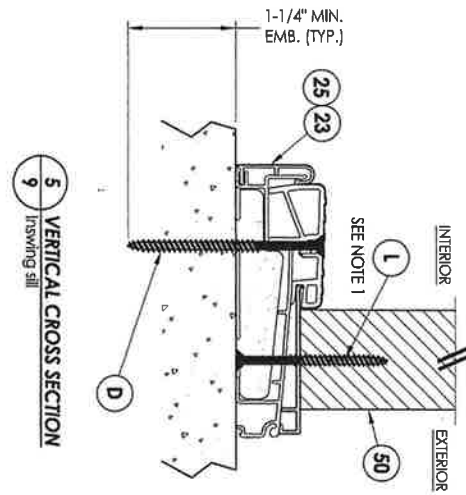
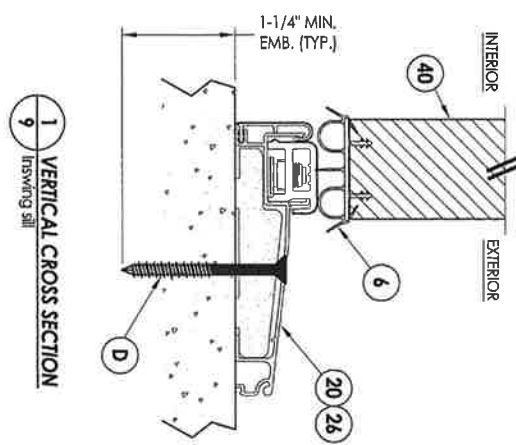
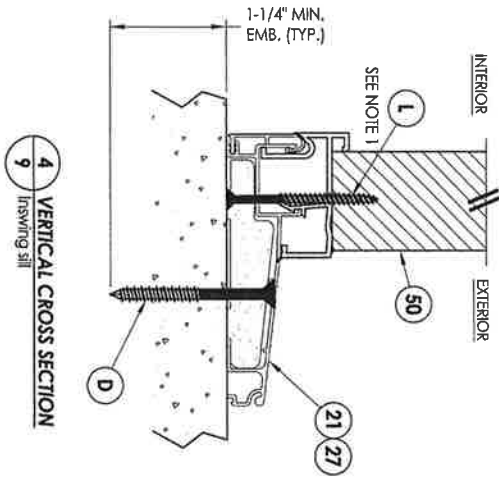
**NOTE:**  
 1. Spacing for item 1: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).  
 2. Spacing for item 1 @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.



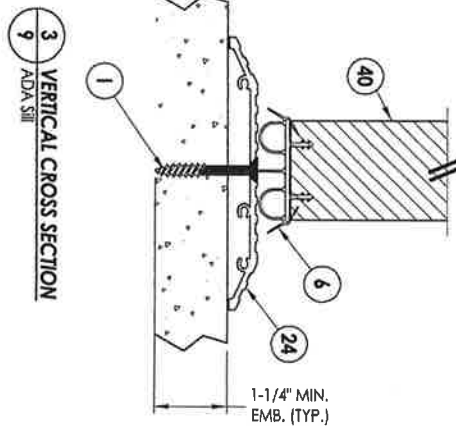
PRODUCT:		PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	DESCRIPTION	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

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

BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Votrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813



NOTE:  
 1. Spacing for item 1 @ head & sill, 6" from each end,  
 1 @ centerline, 2 additional at 3" & 4.5" from end  
 adjacent to door.

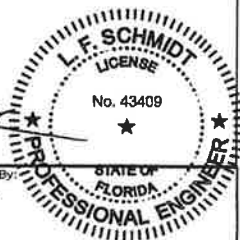


NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

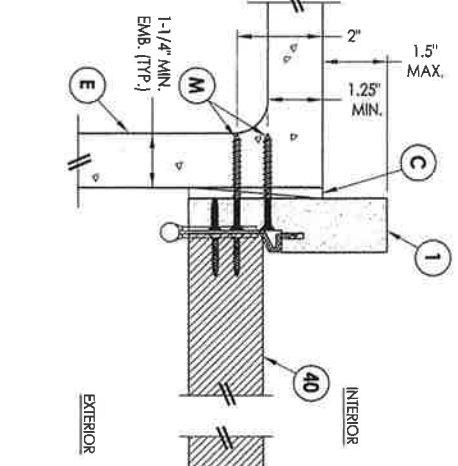
PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

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

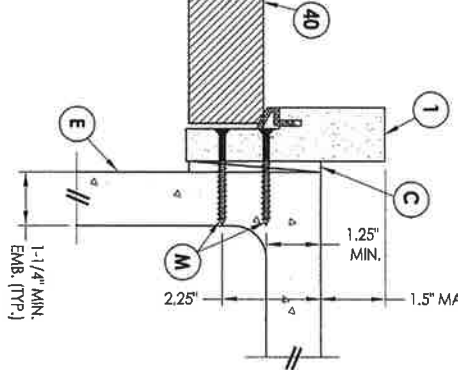
*RW* BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813



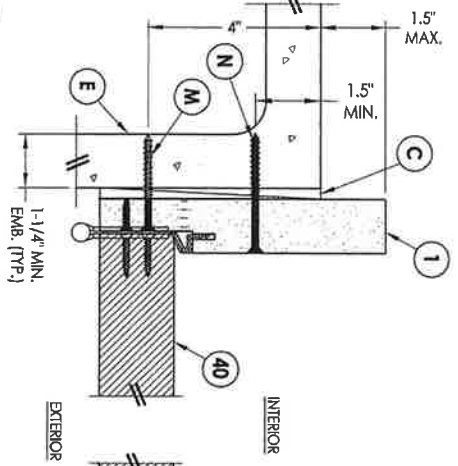
**1 HORIZONTAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 4-9/16" jamb  
 Single door only (N/A w/ Sidelites)



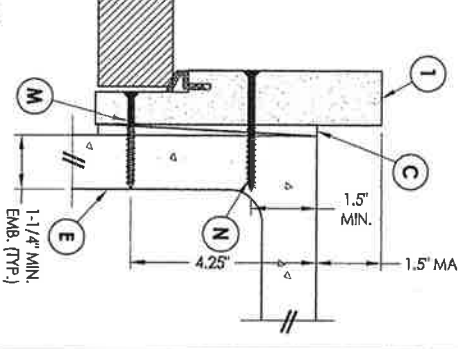
**2 HORIZONTAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 4-9/16" jamb  
 Single door only (N/A w/ Sidelites)



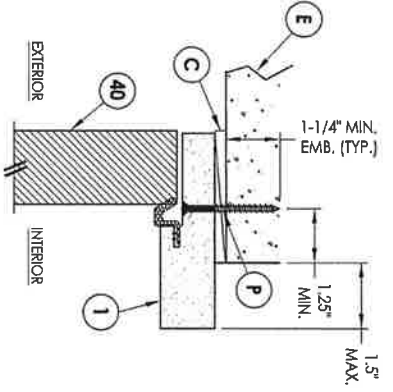
**3 HORIZONTAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 6-9/16" jamb



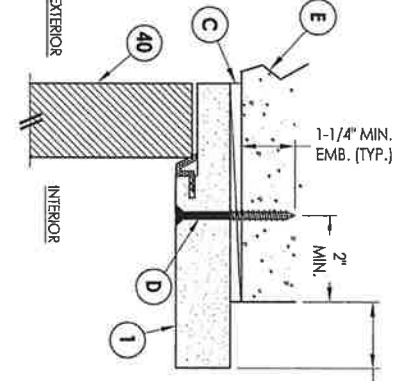
**4 HORIZONTAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 6-9/16" jamb



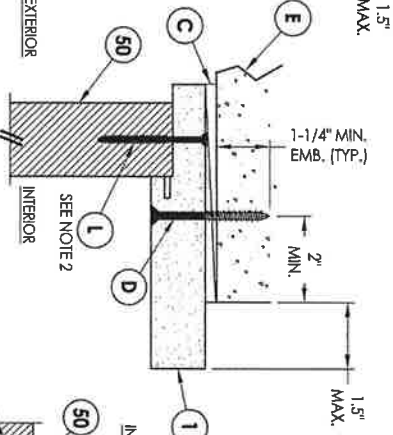
**6 VERTICAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 4-9/16" jamb  
 Single door only (N/A w/ Sidelites)



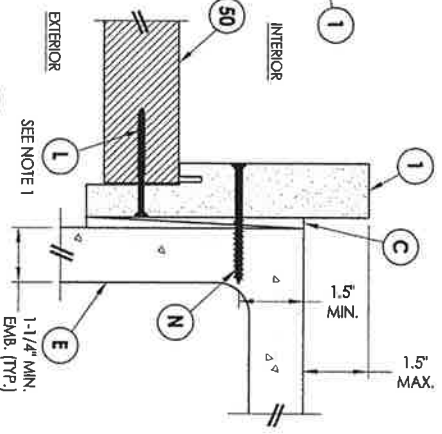
**7 VERTICAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 6-9/16" jamb



**8 VERTICAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 6-9/16" jamb

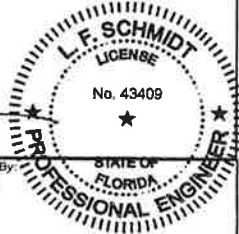


**5 HORIZONTAL CROSS SECTION**  
 10 Shown Direct to Masonry  
 Outswing only w/ 6-9/16" jamb



2. Spacing for item 1 @ head & sill, 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.

NOTE:  
 1. Spacing for item 1: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).



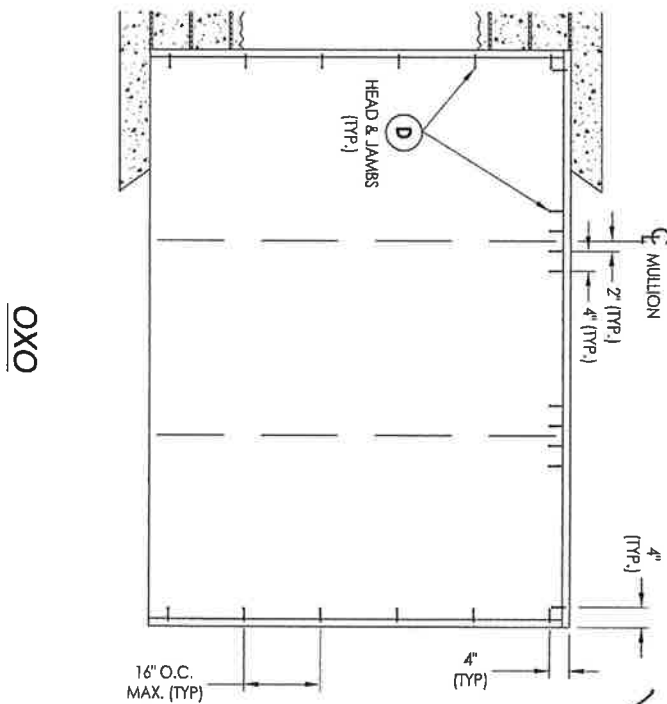
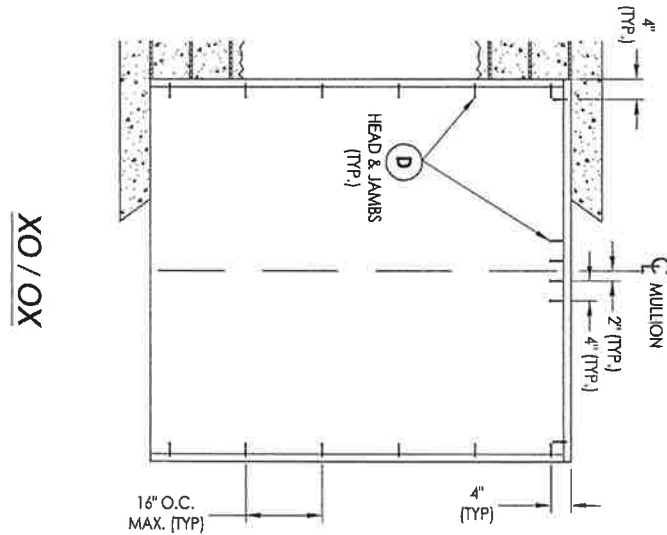
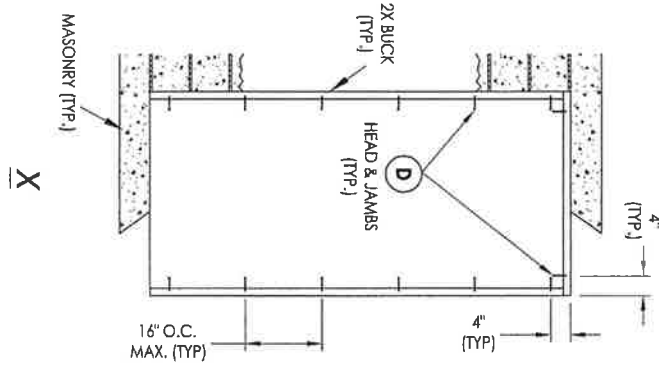
7.25.17  
 LFS  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409

RW BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Volrico, FL 33585  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)

DATE: 10/08/14  
 SCALE: N.T.S.  
 DRG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-17347.1  
 SHEET 10 OF 13



**2X BUCK ANCHORING**



Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE:	10/08/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17347.1
SHEET:	11 OF 13





**BILL OF MATERIALS**

ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PHH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PHH ELCO OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PHH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PHH ELCO OR ITW CONCRETE SCREW	STEEL
J	#10 X 2" PHH WOOD SCREW	STEEL
L	#10 X 2-1/2" PHH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PHH ELCO CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP.
4	1X REINFORCEMENT (G >= 0.55)	WOOD
5	2X REINFORCEMENT (G >= 0.55)	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
9	#9 X 3/4" PHH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
24	ADA THRESHOLD	ALUM
25	OUTSWING THRESHOLD	ALUM/COMP
26	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL	-
50	SIDELITE PANEL	-

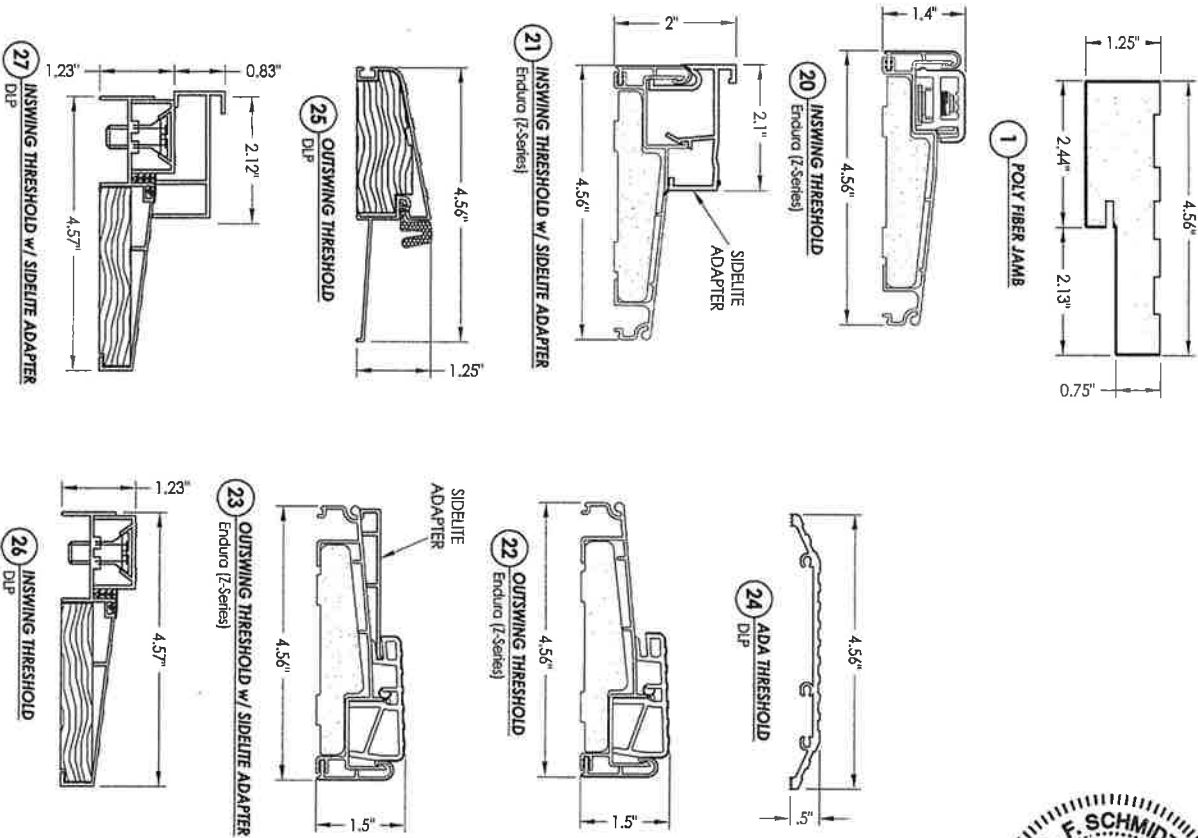
**CONCRETE ANCHOR NOTES:**

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

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

**WOOD SCREW INSTALLATION NOTES:**

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



PRODUCT: PLASTPRO INC FIBERGLASS DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

Documents Prepared By: Lyndon F. Schmidt, P.E. No. 43409

BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

DATE	SCALE	CHK. BY	DATE
10/08/14	N.T.S.	JK	
		LFS	

DRAWING NO.: FL-17347.1  
 SHEET 13 OF 13



# plastpro

5200 W. CENTURY BLVD.  
LOS ANGELES, CA 90045

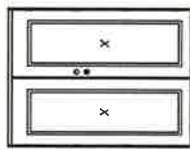
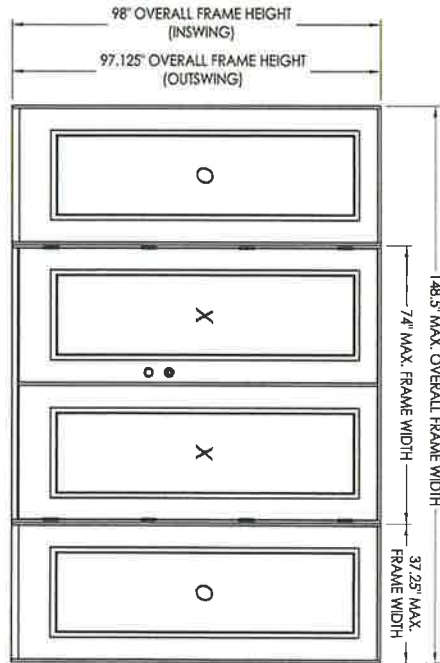
## GLAZED FIBERGLASS DOORS DOUBLES W/ or w/o SIDELITES INSWING / OUTSWING "NON-IMPACT"

### GENERAL NOTES

1. This product has been evaluated and is in compliance with the 6th Edition (2017) 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 FBC Sections 1609.1.2 & R301.2.1.2.
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.

### TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door & sidelite panel details
3	Lite frame glazing details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Horizontal & Vertical Cross Sections (Direct to Masonry)
10	Buck anchoring
11	Frame anchoring & hardware details
12	Bill of materials and components



CONFIG.	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
		INSWING POS.	NEG.	OUTSWING POS.	NEG.
XX	74.0" x 98.0"	+47.0	-47.0	+47.0	-47.0
OXXO	148.5" x 98.0"	+45.0	-50.0	+45.0	-45.0



Documents Prepared by:  
Lyndon F. Schmidt  
P.E. No. 43409

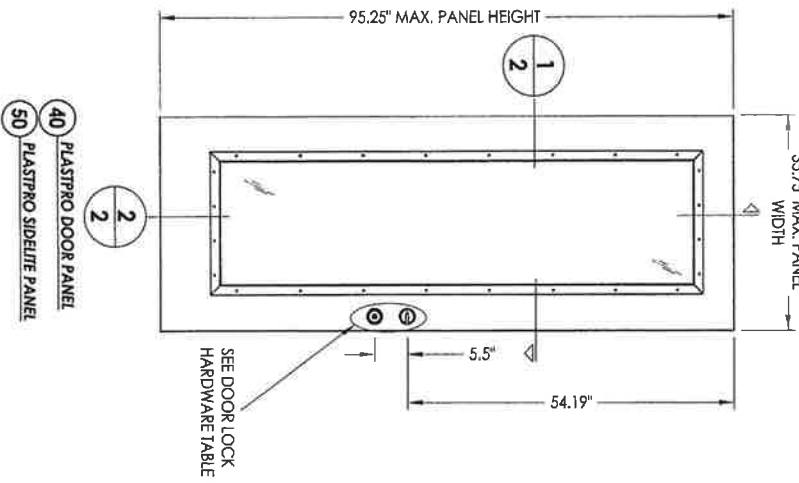
*Rgw* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Vero, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC FIBERGLASS DOOR

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

NO.	DATE	REVISIONS	BY
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1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

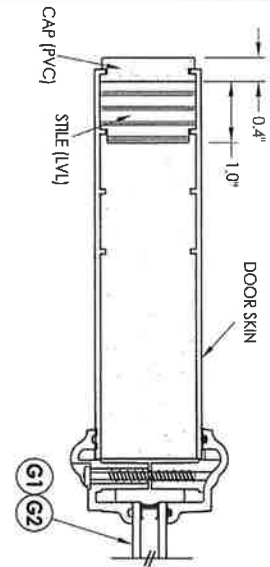
DATE: 10/08/14  
SCALE: N.T.S.  
DWG. BY: JLS  
CHK. BY: LFS  
DRAWING NO.: FL-17347.4  
SHEET 1 of 12



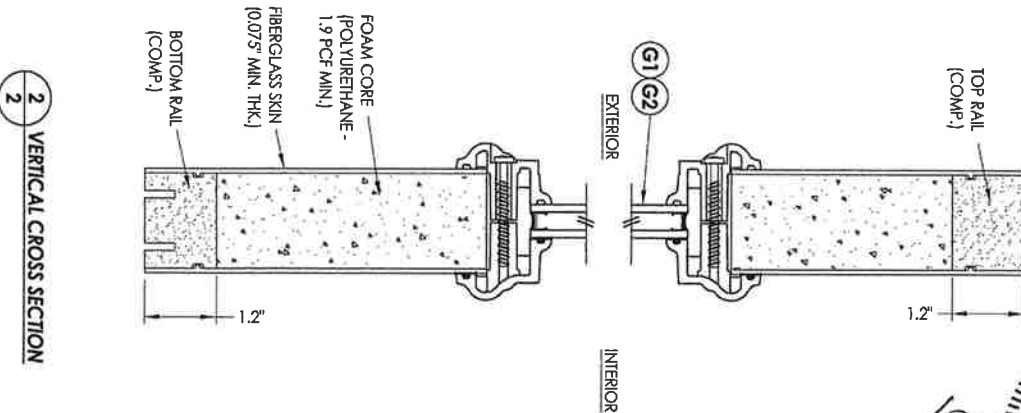
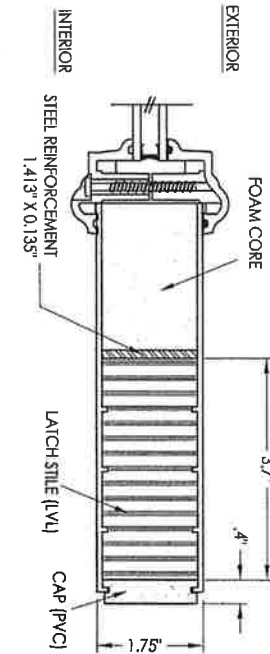
- 40 PLASTPRO DOOR PANEL
- 50 PLASTPRO SIDELITE PANEL

SEE DOOR LOCK  
HARDWARE TABLE

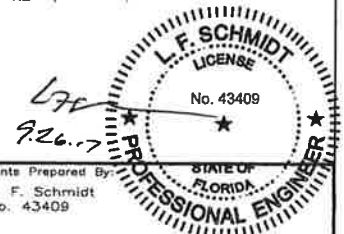
DOOR LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SERIES (400) DEADBOLT: SERIES (640)
YALE	KNOB: CIRIUS 100 C DEADBOLT: 820 SINGLE CYLINDER



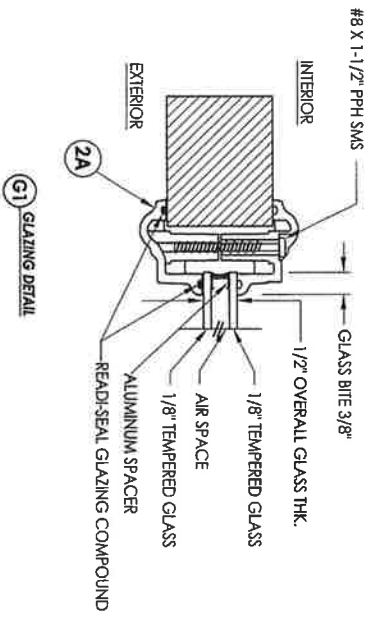
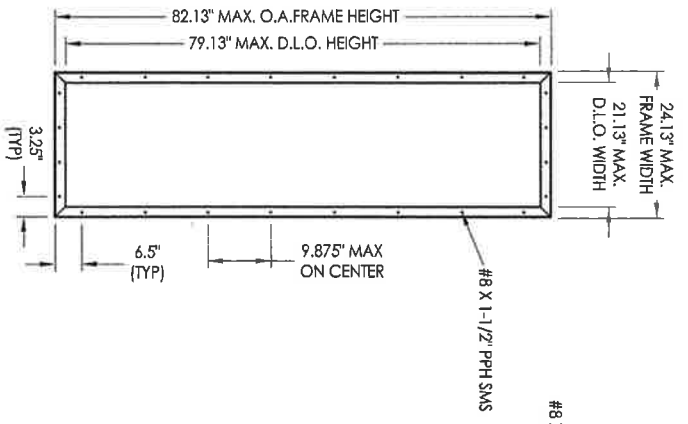
1 HORIZONTAL CROSS SECTION



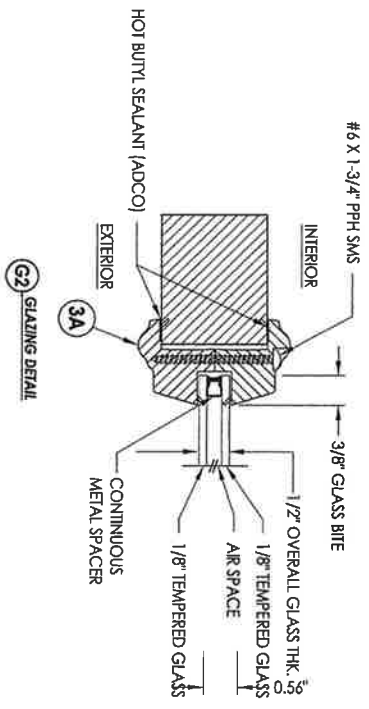
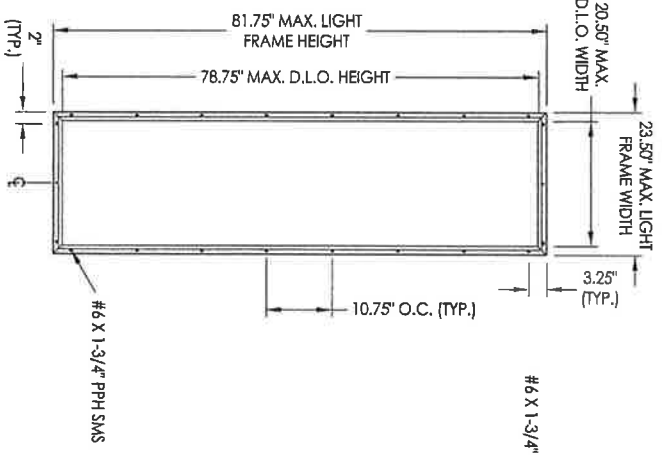
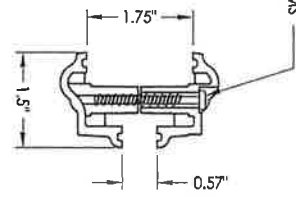
2 VERTICAL CROSS SECTION



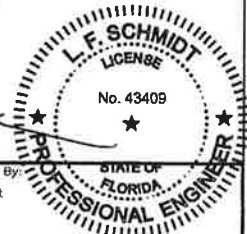
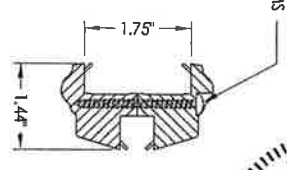
PRODUCT: PLASTPRO FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY: DOOR & SIDELITE PANEL DETAILS		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813	
REVISIONS			
NO.	DATE	DESCRIPTION	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK



2A OD LITE FRAME  
HP Polypropylene



3A RSL LITE FRAME

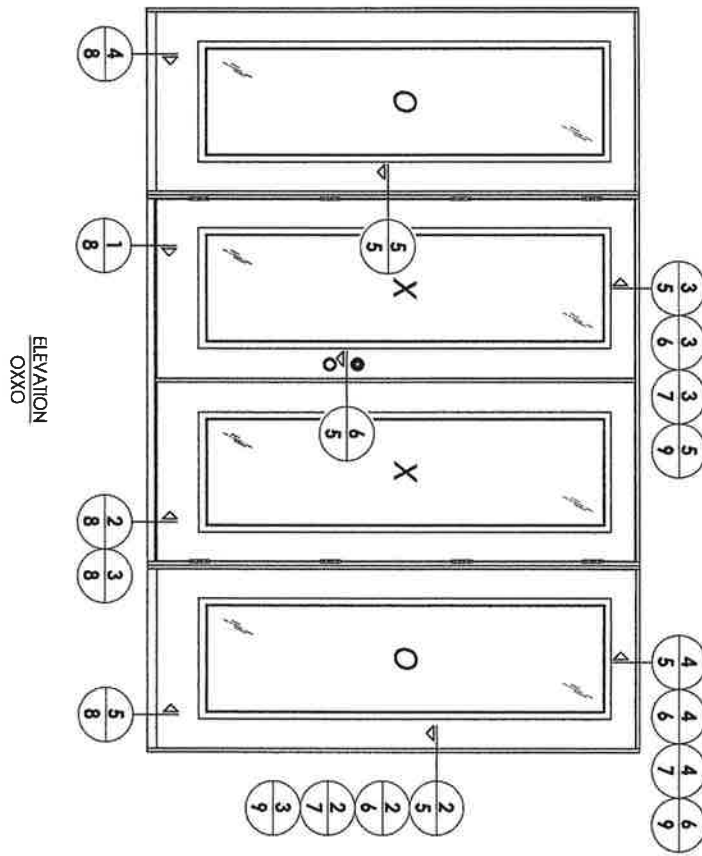
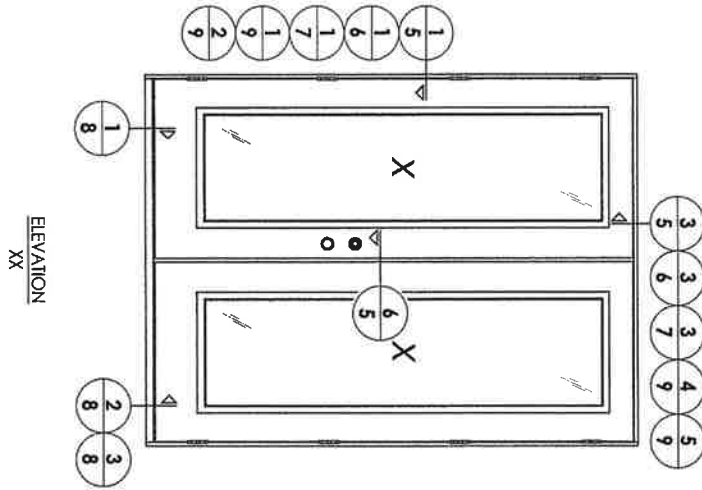


*LFS*  
7.26.17

Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409  
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

REVISIONS		PRODUCT:	DATE	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK	JK
NO.	DATE			

DATE: 10/08/14  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
Drawing No.: FL-17347.4  
SHEET 3 OF 12



*LFS*  
*9.11.17*

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

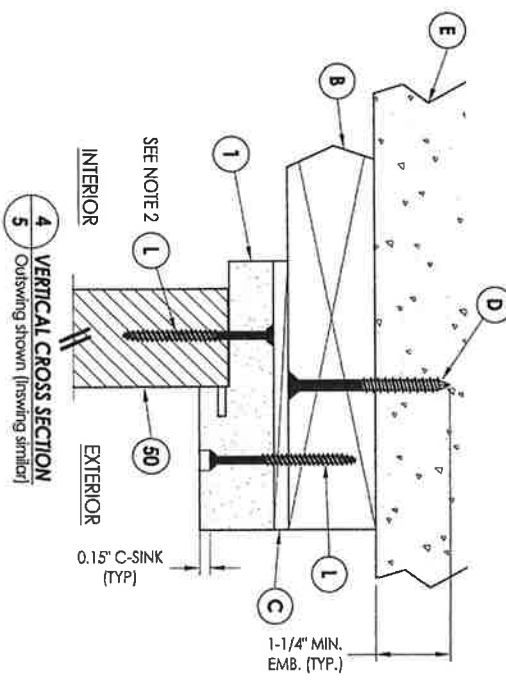
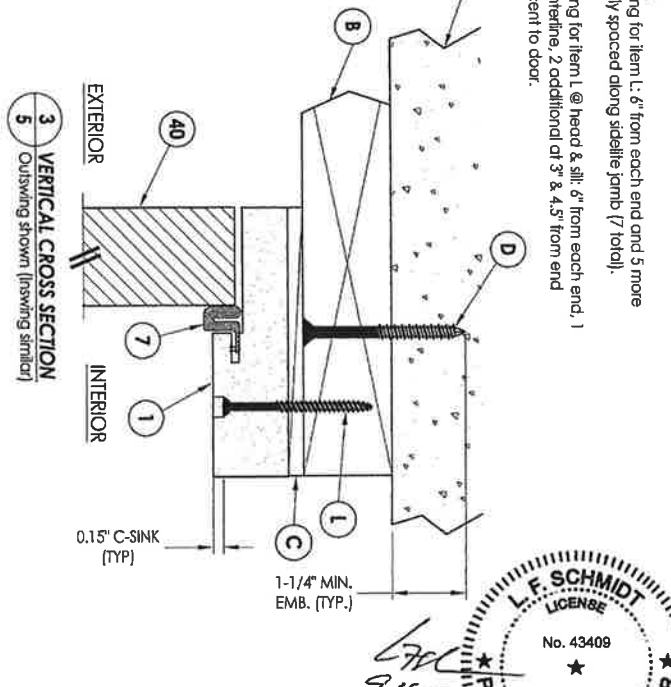
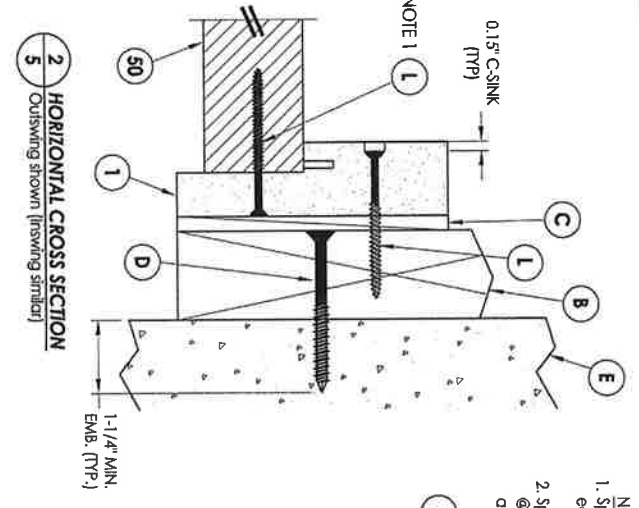
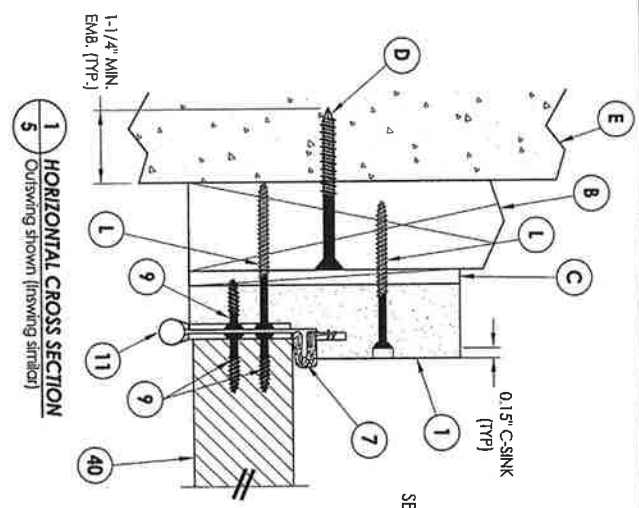
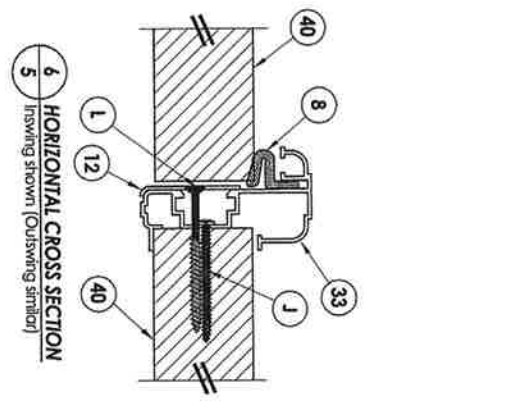
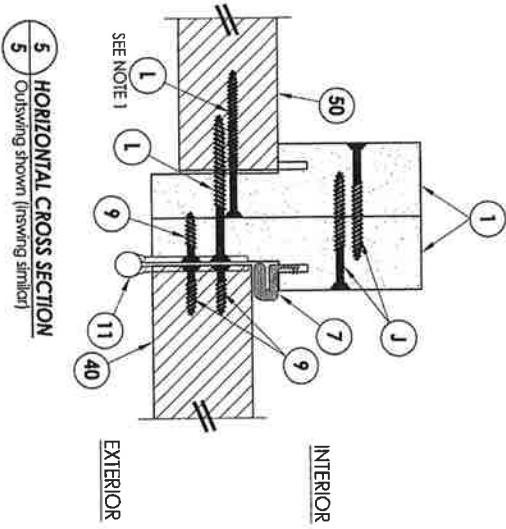
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

PRODUCT:		PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
NO.	DATE	DESCRIPTION	BY
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1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK
REVISIONS			

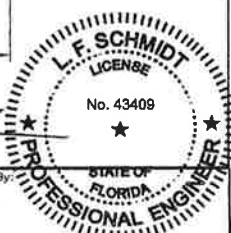
DATE: 10/08/14  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS

DRAWING NO.:  
FL-17347.4

SHEET 4 OF 12



NOTE:  
1. Spacing for item L, 6\" from each end and 5 more equally spaced along saddle jamb (7 total).  
2. Spacing for item L @ head & sill, 6\" from each end, 1 @ centerline, 2 additional at 3\" & 4.5\" from end adjacent to door.



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

*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

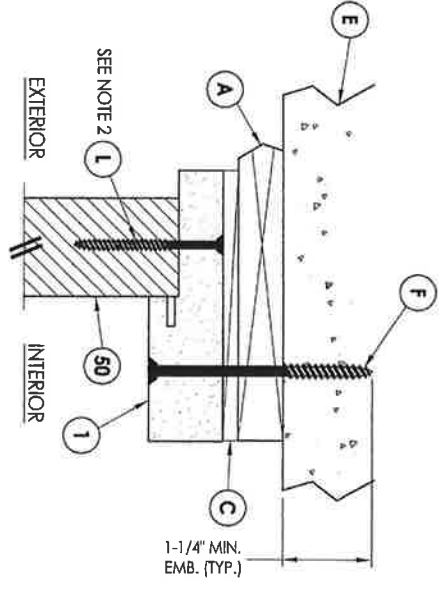
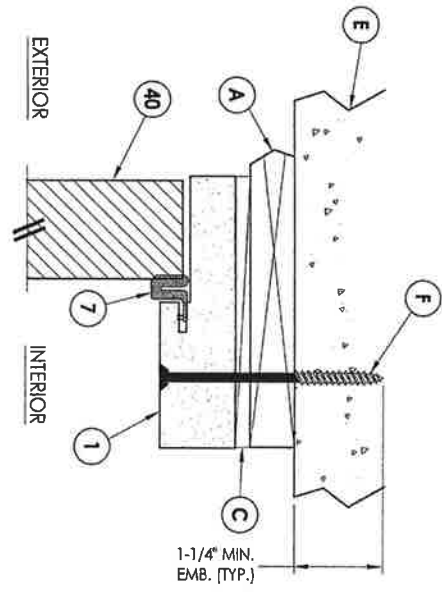
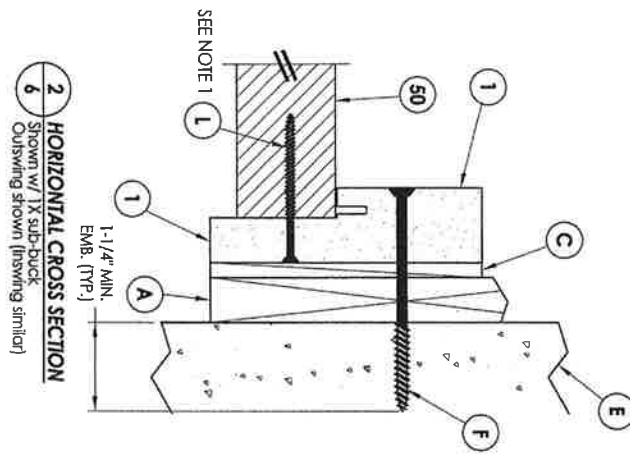
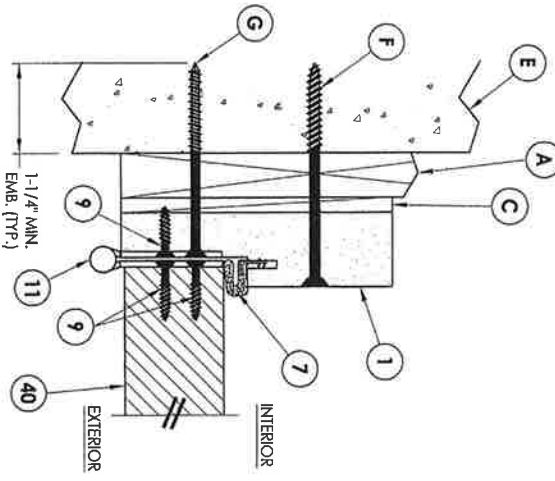
PRODUCT:  
PLASTPRO INC  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS (2X BUCK)

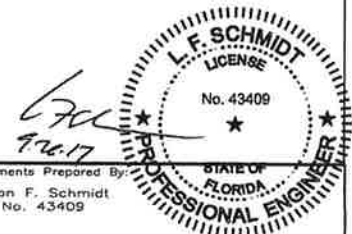
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2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 10/08/14  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS

DRAWING NO.: FL-17347.4  
SHEET 5 OF 12

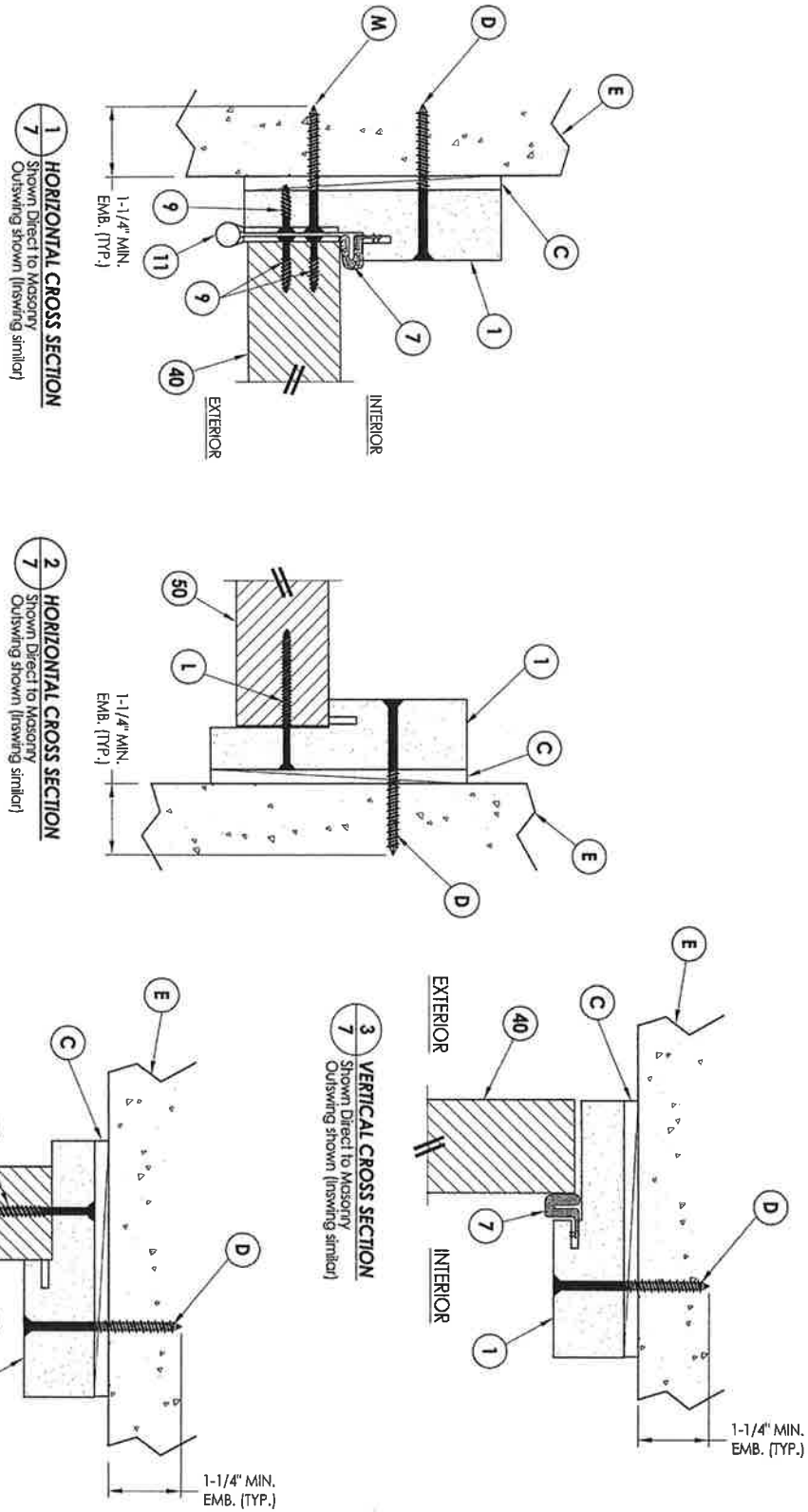


**NOTE:**  
 1. Spacing for item 1: 6" from each end and 5 more equally spaced along sidelite (omit 7' total).  
 2. Spacing for item 1 @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from each end adjacent to door.



SHEET 6 OF 12		DRAWING NO.: FL-17347.4		CHK. BY: LFS		DWG. BY: JK		SCALE: N.I.S.		DATE: 10/08/14	
PRODUCT:		PLASTPRO INC		FIBERGLASS DOOR		PART OR ASSEMBLY:		HORIZONTAL & VERTICAL		CROSS SECTIONS (1X BUCK)	
Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409		BY:		JK		DATE:	
REVISIONS		NO.		DATE		DESCRIPTION		BY		DATE	
		2		7/27/17		UPDATE TO 6TH ED. (2017) FBC		JK			
		1		04/14/15		UPDATE TO 5TH ED. (2014) FBC		JK			





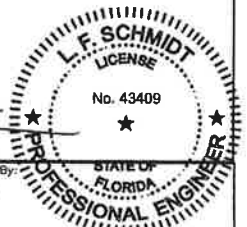
- NOTE:**
1. Spacing for item L, 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
  2. Spacing for item L @ head & sill, 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.

**4** VERTICAL CROSS SECTION  
7 Shown Direct to Masonry  
Outswing shown (inswing similar)

**3** VERTICAL CROSS SECTION  
7 Shown Direct to Masonry  
Outswing shown (inswing similar)

**2** HORIZONTAL CROSS SECTION  
7 Shown Direct to Masonry  
Outswing shown (inswing similar)

**1** HORIZONTAL CROSS SECTION  
7 Shown Direct to Masonry  
Outswing shown (inswing similar)

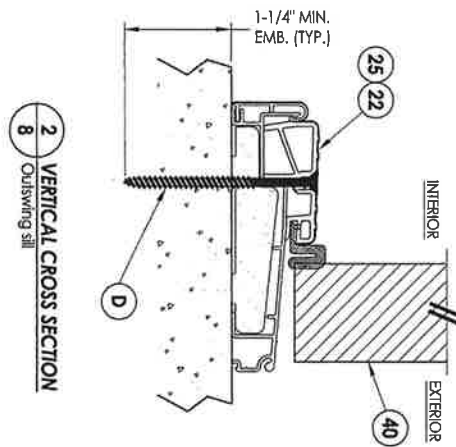
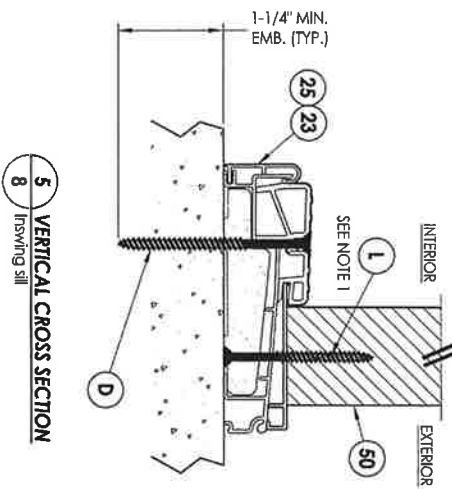
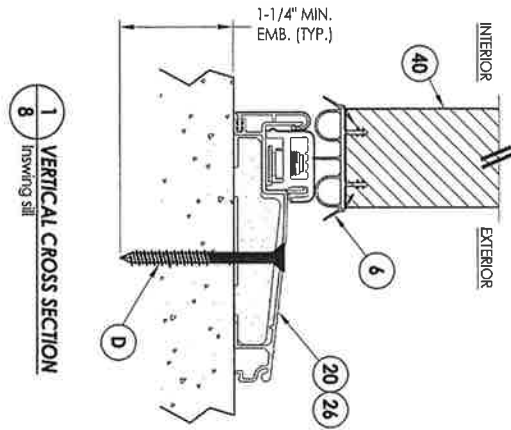
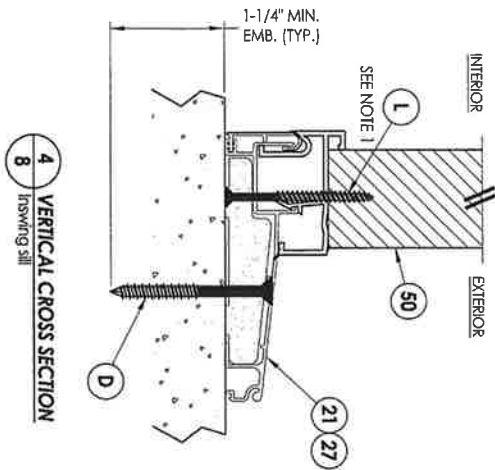


Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

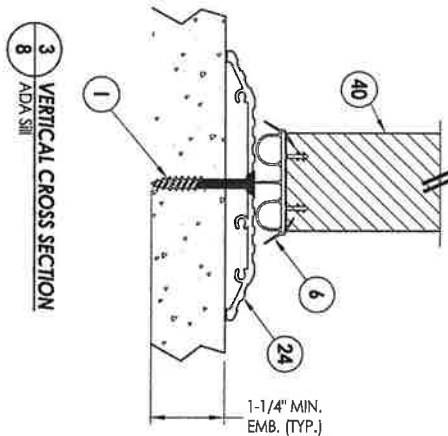
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

PRODUCT:		PLASTPRO INC FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
DATE	BY	DATE	BY
2 7/27/17	JK	2 7/27/17	JK
1 04/14/15	JK	1 04/14/15	JK
NO		NO	

DATE:	10/08/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17347.4
SHEET	7 OF 12



NOTE:  
1. Spacing for item 1 @ head & sill, 6" from each end,  
1 @ centerline, 2 additional at 3' & 4.5' from end  
adjacent to door.



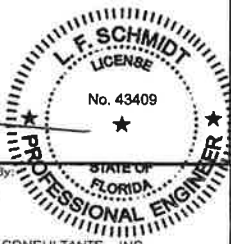
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1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

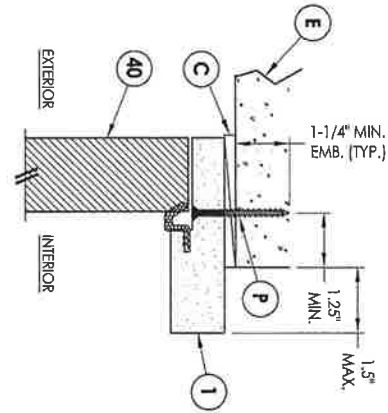
PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

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

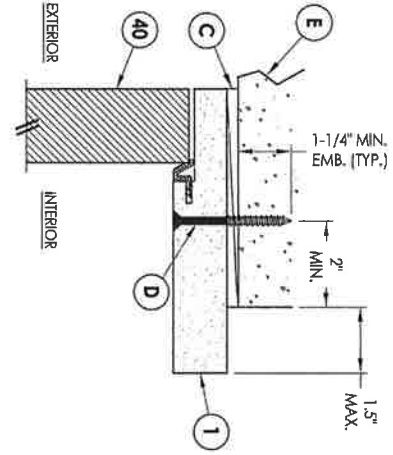
*RW*

BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

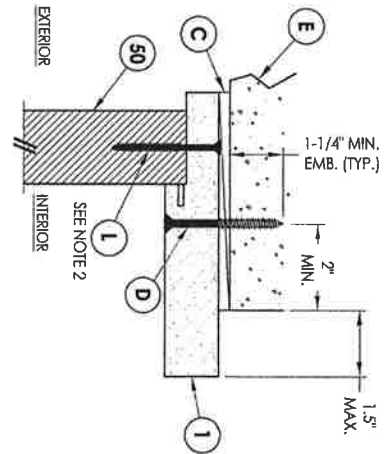




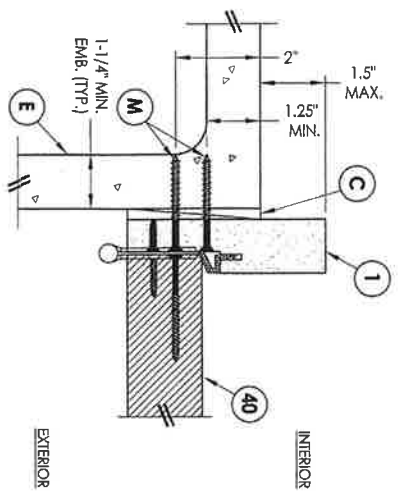
**4 VERTICAL CROSS SECTION**  
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 Outswinging only w/ 4-9/16" jamb  
 Double Door Only (N/A w/ Sidelites)



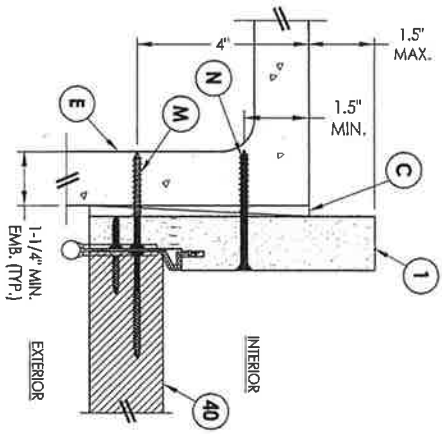
**5 VERTICAL CROSS SECTION**  
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 Outswinging only w/ 6-9/16" jamb



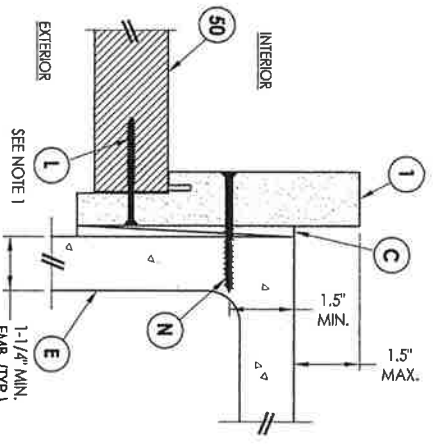
**6 VERTICAL CROSS SECTION**  
 Shown Direct to Masonry  
 Outswinging only w/ 6-9/16" jamb



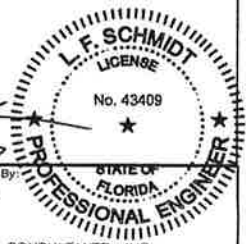
**1 HORIZONTAL CROSS SECTION**  
 Shown Direct to Masonry  
 Outswinging only w/ 4-9/16" jamb  
 Double Door Only (N/A w/ Sidelites)



**2 HORIZONTAL CROSS SECTION**  
 Shown Direct to Masonry  
 Outswinging only w/ 6-9/16" jamb



**3 HORIZONTAL CROSS SECTION**  
 Shown Direct to Masonry  
 Outswinging only w/ 6-9/16" jamb

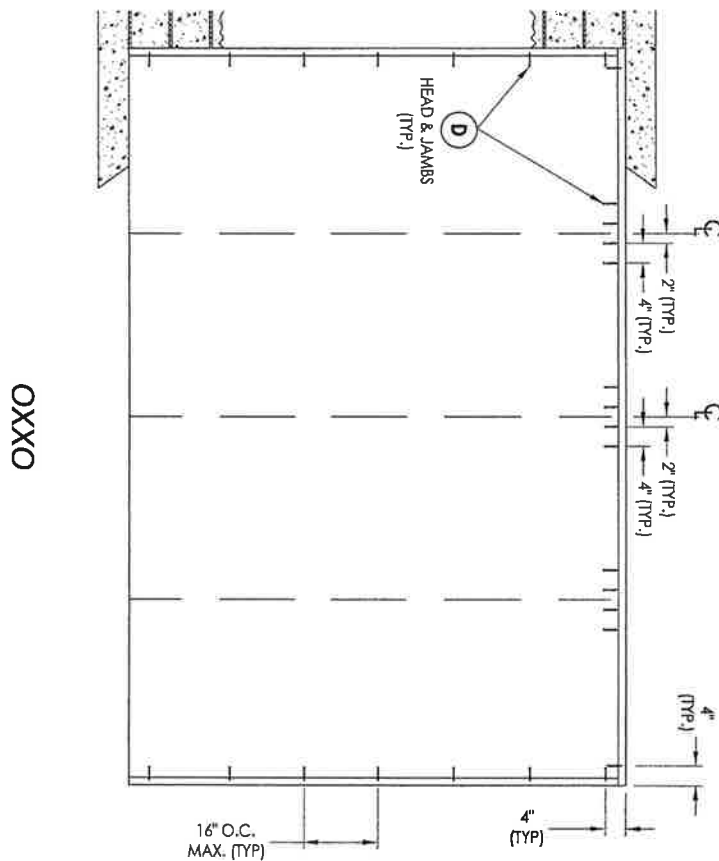
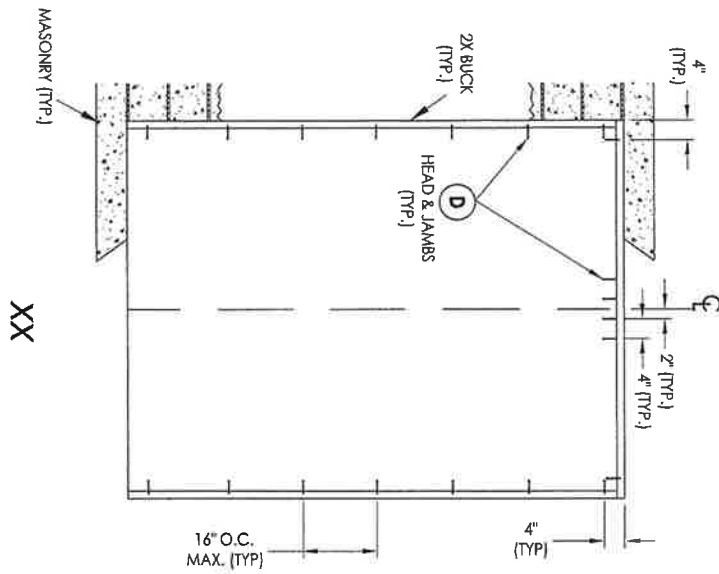


Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
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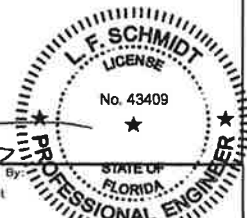
PRODUCT:  
 PLASTPRO INC  
 FIBERGLASS DOOR  
 PART OR ASSEMBLY:  
 HORIZONTAL & VERTICAL  
 SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 10/08/14  
 SCALE: N.T.S.  
 DWG. BR: JK  
 CHK. BR: LFS  
 DRAWING NO.: FL-17347.4  
 SHEET 9 OF 12



**2X BUCK ANCHORING**

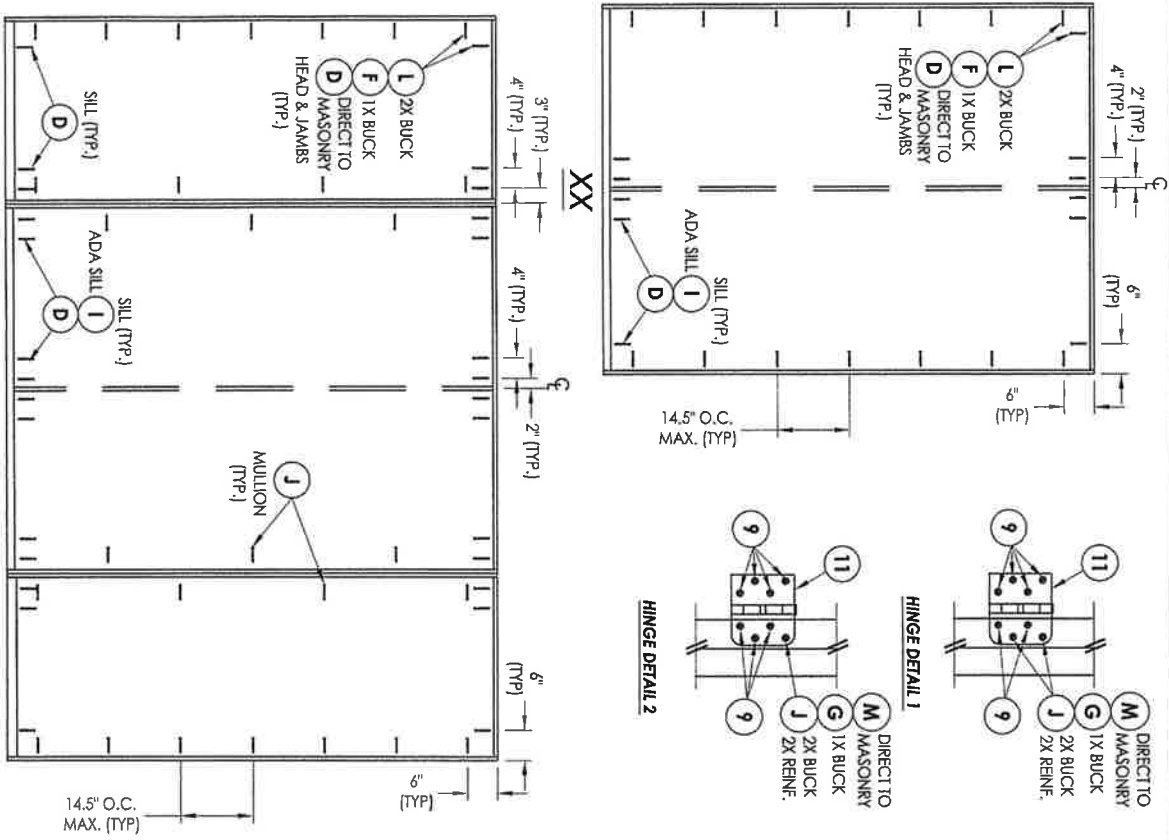


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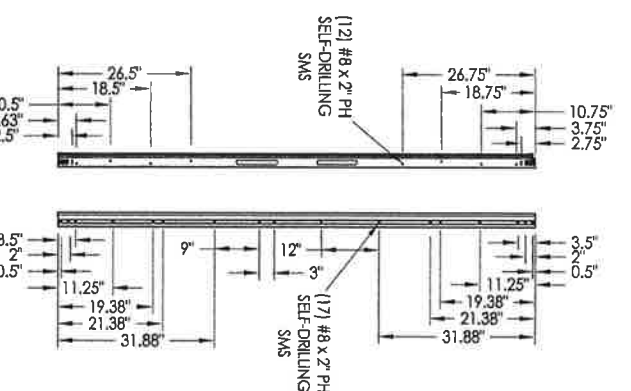
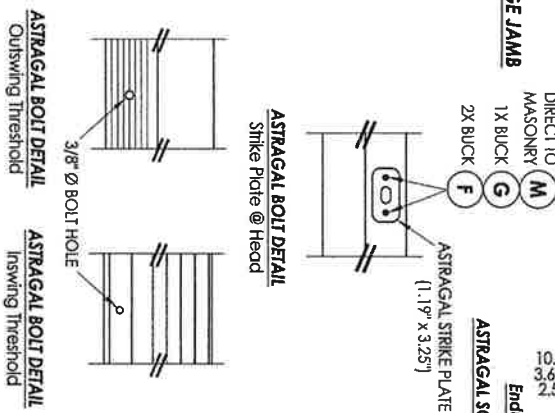
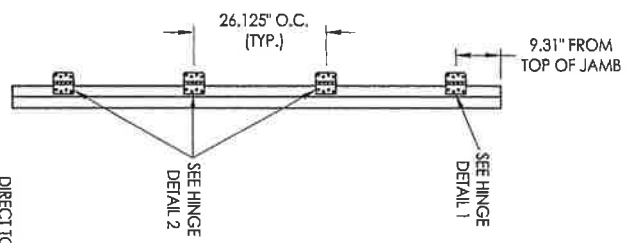
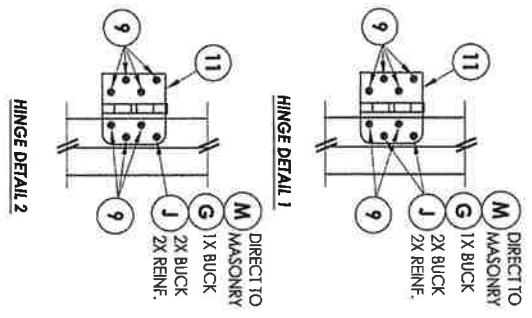
PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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

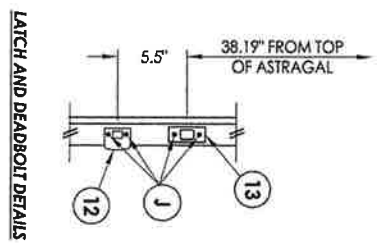
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813



**FRAME ANCHORING**



**HARDWARE DETAILS**



**L. F. SCHMIDT**  
 LICENSE  
 No. 43409  
 STATE OF FLORIDA  
**PROFESSIONAL ENGINEER**

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

*RW* BUILDING CONSULTANTS, INC.  
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 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
REVISIONS		DATE      DESCRIPTION      BY	
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE		BY

**BILL OF MATERIALS**

ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PPH CONCRETE SCREW (1-1/4" MIN. EMB.)	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PPH ELCO OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PPH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PPH ELCO OR ITW CONCRETE SCREW	STEEL
J	#10 X 2" PPH WOOD SCREW	STEEL
L	#10 X 2-1/2" PPH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PPH ELCO CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP. PVC
6	DOOR SWEEP	FOAM
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
8	WEATHERSTRIP (G-LON)	STEEL
9	#9 X 3/4" PPH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
24	ADA THRESHOLD	ALUM
25	OUTSWING THRESHOLD	ALUM/WOOD
26	INSWING THRESHOLD	ALUM/WOOD
27	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/WOOD
33	ASTRAGAL (DIP OR ENDURA)	ALUM
40	DOOR PANEL	-
50	SIDELITE PANEL	-

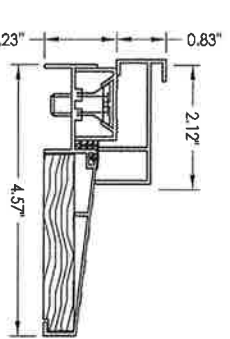
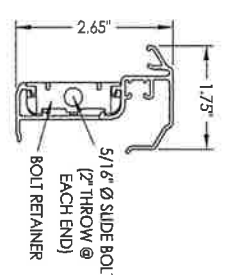
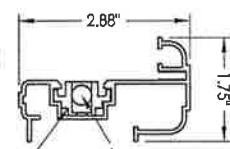
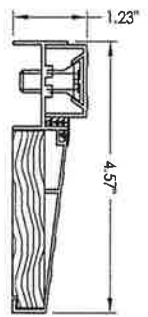
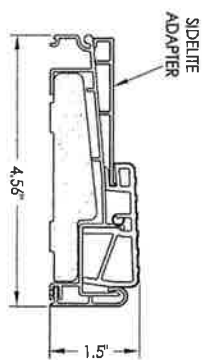
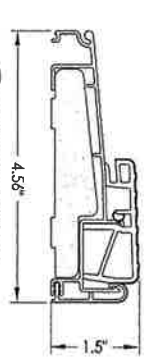
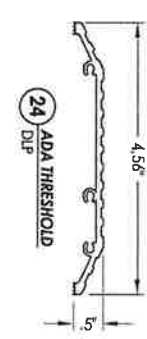
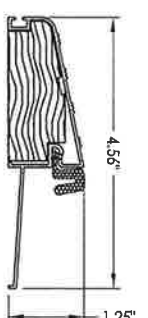
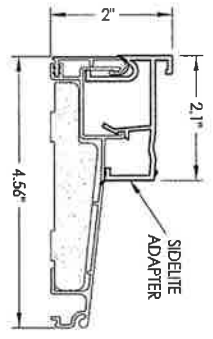
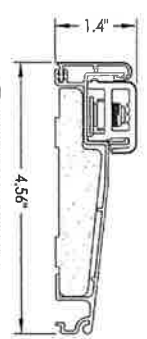
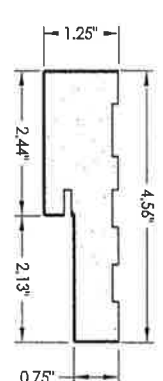
**CONCRETE ANCHOR NOTES:**

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. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BULDEX TACON®	3/16"	1-1/8"	3"	1-1/2"
ELCO	1/4"	1-1/8"	2"	4"
ULTRACON®	1/4"	1-1/4"	1"	4"

**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.



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

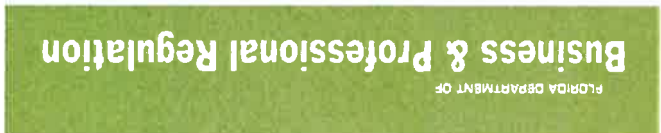
BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC FIBERGLASS DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	REVISIONS	BY
2	7/27/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

DRAWING NO.: FL-17347-4  
SHEET 12 OF 12



OFFICE OF THE SECRETARY

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

FL #

FL17347-R2

Application Type

Revision

Code Version

2017

Application Status

Approved

Comments

Archived

Product Manufacturer

Plastpro Inc. / Nanya Plastics Corp.

Address/Phone/Email

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

Scott Johnson

Address/Phone/Email

5200 W Century Blvd.  
Los Angeles, CA 90045  
(440) 969-9773 Ext 18  
scottjohnson@plastproinc.com

Quality Assurance Representative  
Address/Phone/Email

Quality Assurance Representative  
Address/Phone/Email

Category

Exterior Doors

Subcategory

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

Lyndon F. Schmidt, P.E.

Florida License

PE-43409

Quality Assurance Entity

National Accreditation and Management Institute

Quality Assurance Contract Expiration Date

12/31/2018

Validated By

Ryan J. King, P.E.

Validation Checklist - Hardcopy Received

Certificate of Independence

[FL17347 R2 COI \(a\) Certificate of Independence.pdf](#)

Referenced Standard and Year (or Standard)

Standard	Year
101/I.S.2/NAFS	2002
AAMA/WDMA/CSA101/I.S.2/A440	2008
ASTM E1886	2002
ASTM E1996	2002
ASTM E330	2002
ASTM E331	2000
TAS 201, 202, 203	1994

Equivalence of Product Standards

Certified By

Florida Licensed Professional Engineer or Architect  
[FL17347 R2 Equiv. \(b\) Equivalency Of Standards.pdf](#)

Sections from the Code

Product Approval Method Method 1 Option D

Date Submitted 08/13/2017

Date Validated 09/26/2017

Date Pending FBC Approval 09/29/2017

Date Approved 12/12/2017

Summary of Products

FL #	Model, Number or Name	Description
17347.1	a. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Single with or without Sidelites (X, OX or XO, OXO) Outswing/Inswing Configurations up to Nominal 6'8 in Height  <b>Limits of Use</b> Approved for use in HVHZ: No Impact Resistant: No Design Pressure: N/A Other: See INST 17347.1 for any additional use limitations, Installation Instructions and product particulars.
17347.2	b. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Double with or without Sidelites (XX or OXXO) Outswing/Inswing Configurations up to Nominal 6'8 in Height  <b>Limits of Use</b> Approved for use in HVHZ: No Impact Resistant: No Design Pressure: N/A Other: See INST 17347.2 for any additional use limitations, Installation Instructions and product particulars.
17347.3	c. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Single with or without Sidelites (X, OX or XO, OXO) Outswing/Inswing Configurations up to Nominal 8'0 in Height  <b>Limits of Use</b> Approved for use in HVHZ: No Impact Resistant: No Design Pressure: N/A Other: See INST 17347.3 for any additional use limitations, Installation Instructions and product particulars.
17347.4	d. Fiberglass Door	"Non-Impact" Fiberglass Glazed Door - Double with or without Sidelites (XX or OXXO) Outswing/Inswing Configurations up to Nominal 8'0 in Height  <b>Limits of Use</b> Approved for use in HVHZ: No Impact Resistant: No Design Pressure: N/A Other: See INST 17347.4 for any additional use limitations, Installation Instructions and product particulars.
17347.5	e. Fiberglass Door	"Impact" Fiberglass Glazed Door - Single with or without Sidelites (X, OX or XO, OXO) Outswing/Inswing Configurations up to Nominal 6'8 in Height  <b>Limits of Use</b> Approved for use in HVHZ: No Impact Resistant: Yes Design Pressure: N/A Other: See INST 17347.5 for any additional use limitations, Installation Instructions and product particulars.



**GENERAL NOTES:**

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE ALLOWABLE DESIGN PRESSURE TABLE(S).
2. OPENINGS, BLOCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE, & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
3. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ) & IS LARGE MISSILE IMPACT RATED.
4. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING METHOD. REFER TO THESE DOCUMENTS IN ACCORDANCE WITH THE FOLLOWING CODE AND GOVERNING WIND VELOCITY: FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.95$  MAY BE APPLIED PER THE ASCE-7 STANDARD.
5. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
6. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/DA ENTRY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION (DBPR) AS A QUALITY ASSURED PRODUCT. THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING RATIONAL ANALYSIS. PRODUCT ASSEMBLY SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
7. CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF IT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.
8. ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE CORROSION EMERGENCY SHALL BE OF APPROVED APPROVED SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC REQUIREMENTS.

**CORNER CONSTRUCTION**

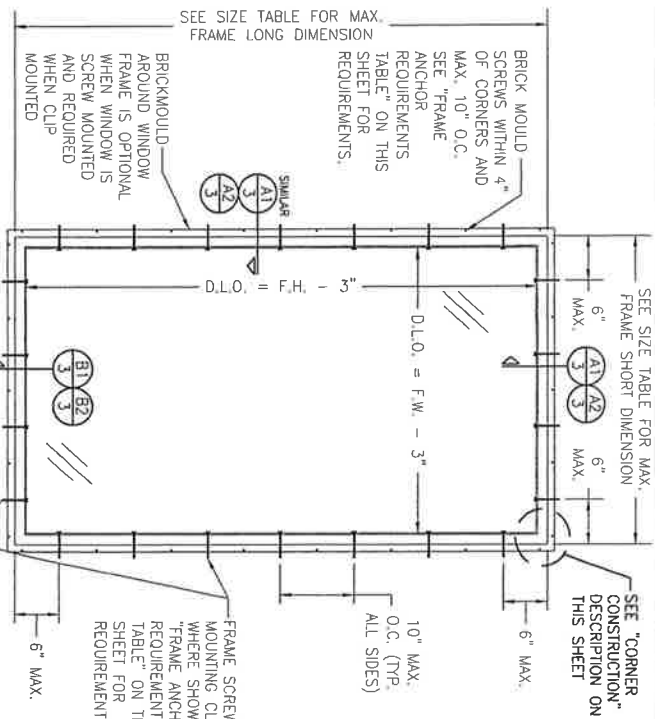
JAMB CORNERS: CORNERS BUTTED AND SECURED WITH NO. 8 X 2 1/4" WOOD SCREWS (3 PER CORNER) AND 3/16" X 1 1/16" 18 GA. CROWN STAPLES (2 PER CORNER)

RECTANGULAR WINDOWS SHOWN, ANCHORING OF SHAPED WINDOWS IS THE SAME WITH REQUIRED ANCHOR SPACING ALONG THE FRAME CIRCUMFERENCE BEING THE SAME AS SPECIFIED FOR A STRAIGHT FRAME.

**FRAME ANCHOR REQUIREMENTS TABLE**

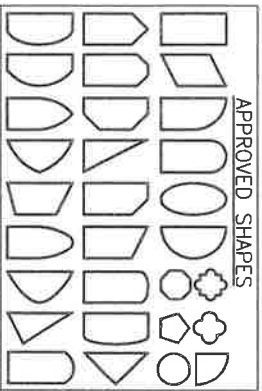
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	(1) NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	(1) NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	(1) NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	(1) NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CWL OR 2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
BRICK MOULD SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1"	1/2"
MOUNTING CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS SCREW	1 3/8"	1/2"

- (1) IF NO. 14 SMS SCREWS OR 1/4" CONCRETE SCREWS ARE USED IN LIEU OF THE NO. 10 FRAME SCREWS SPECIFIED, SHIM SPACE MAY BE INCREASED TO AS MUCH AS 1/2".
- (2) CONCRETE SCREWS SHALL BE ELCO ULTRADONS, ELCO CRETE-FLEX, INW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).



**EXTERIOR ELEVATION SINGLE DIRECT GLAZED WINDOW**  
SCALE: N.T.S.

LONG DIMENSION OF WINDOW MAY BE HORIZONTAL OR VERTICAL (HEIGHT & WIDTH MAY BE INTERCHANGED).



**APPROVED SHAPES**

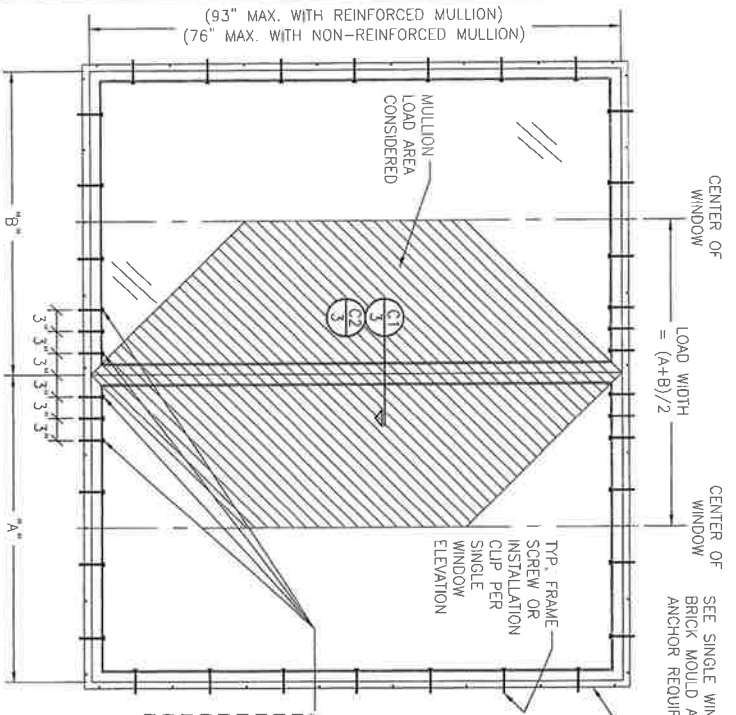
- NOTES:**
1. OTHER SHAPES MAY APPLY PROVIDED THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED
  2. ALL SHAPED UNITS MUST FIT INScribed INTO THE ALLOWABLE RECTANGULAR UNITS & BE COVERED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR REVISION AND/OR LOCAL APPROVAL UNLESS BEING USED FOR REVISIONS OF THE MANUFACTURER'S DRAWINGS.

SINGLE WINDOW ALLOWABLE SIZE TABLE		MAXIMUM FRAME SHORT DIMENSION (IN.)	MAXIMUM FRAME LONG DIMENSION (IN.)
GLASS OPTIONS 1, 2, 5 & 6		(1) 60	120
GLASS OPTIONS 3 & 4		54	132
GLASS OPTIONS 7 & 8		54	144



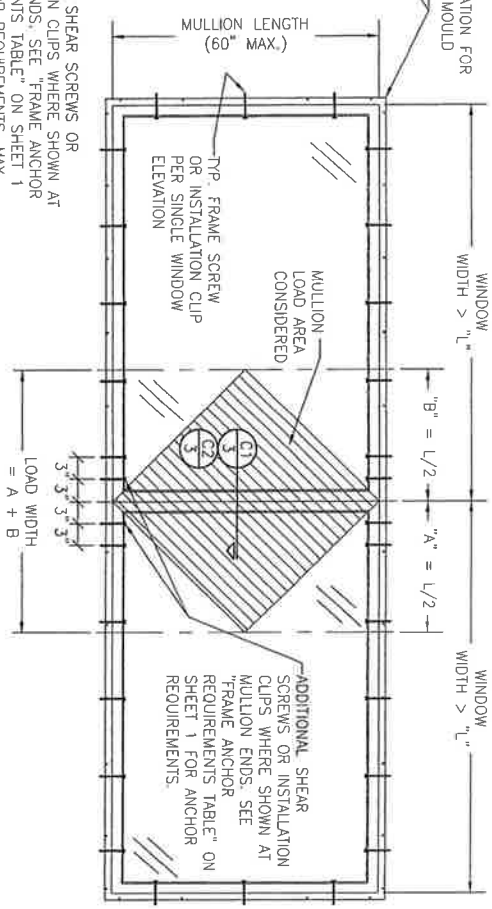
DRAWING NO. 1418 SHEET NO. 1 OF 5	CERTIFICATION <b>JAN 09 2015</b>	DRAWING TITLE <b>WOOD DIRECT SET WINDOW</b>	MANUFACTURER <b>PARRETT WINDOWS</b> 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444
	CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	REVISION HISTORY	CHECKED BY DATE 4/18/09



ADDITIONAL SHEAR SCREWS OR INSTALLATION CLIPS WHERE SHOWN AT MULLION ENDS, SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR ANCHOR REQUIREMENTS. MAY REDUCE TO 4 ANCHORS PER END IF EITHER THE REQUIRED PRESSURE IS LESS THAN 60 PSF, THE LOAD WIDTH IS LESS THAN 36", OR MULLION LENGTH IS LESS THAN 74".

**FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH (SEE MULLION LOAD TABLE ON THIS SHEET)**

(DOUBLE WINDOW SHOWN, MORE THAN 2 WINDOWS MAY BE MULLIED TOGETHER IN ONE DIRECTION INTO ONE OPENING.)  
NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL.  
SEE SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN.



**FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE LESS THAN OR EQUAL TO THE MULLION LENGTH (SEE MULLION LOAD TABLE ON THIS SHEET)**

(DOUBLE WINDOW SHOWN, MORE THAN 2 WINDOWS MAY BE MULLIED TOGETHER IN ONE DIRECTION INTO ONE OPENING.)  
NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL.  
SEE SINGLE WINDOW ELEVATION FOR DETAIL NOT SHOWN.

**MULTIPLE UNIT NOTES:**

1. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR THE ALLOWABLE MULLION PRESSURE. SEE MULLION LOAD TABLE ON THIS SHEET FOR ALLOWABLE UNIT PRESSURE.
2. WINDOWS MAY BE STACKED HORIZONTAL OR VERTICAL. (IF VERTICALLY STACKED, MANUFACTURER MUST INSURE THAT THE DEAD WEIGHT OF THE WINDOWS DOES NOT CAUSE ANY WINDOW FAILURES OR DEFORMATIONS)

MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		WITH REINFORCEMENT	WITHOUT REINFORCEMENT
93	50	65.7	N/A
	54	70.8	N/A
90	48	77.9	N/A
	42	80.0	N/A
84	60	71.0	N/A
	54	76.2	N/A
76	48	80.0	N/A
	60	80.0	58.2
72	60	80.0	61.8
	48	80.0	67.0
66	54	80.0	70.5
	42	80.0	75.7
60	60	80.0	80.0
	42	80.0	80.0

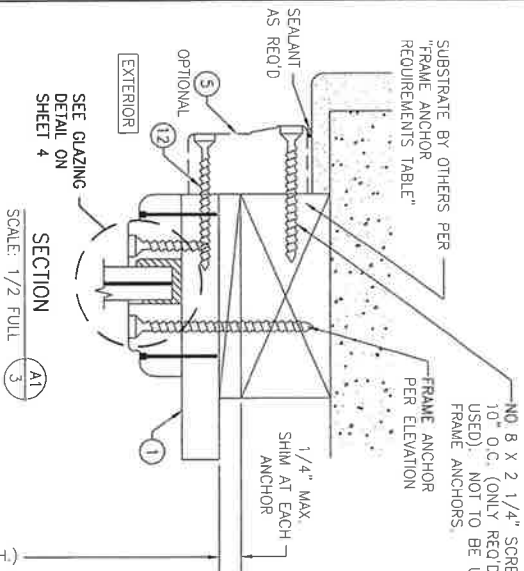
LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT ALLOWED FOR THE INDIVIDUAL WINDOW SHALL CONTROL AS ALLOWABLE FOR THE OVERALL UNIT.



DRAWING NO. <b>1418</b>	SHEET NO. <b>2</b> OF <b>5</b>	DRAWING TITLE <b>WOOD DIRECT SET WINDOW</b>	CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b>	MANUFACTURER <b>PARRETT WINDOWS</b> 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444
			NO. REVISION DESCRIPTION BY DATE _____ _____ _____	

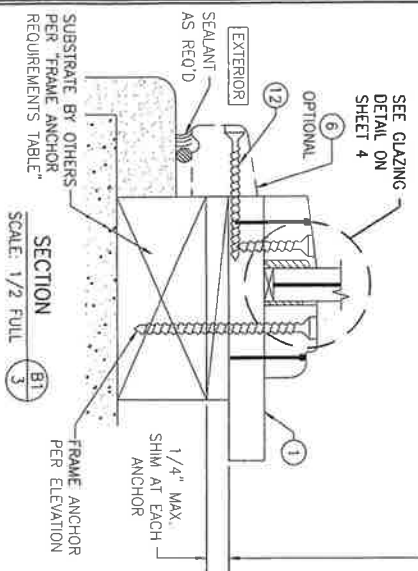
CERTIFICATION  
JAN 06 2015  
WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

NO. 8 X 2 1/4" SCREW WITHIN 4" OF CORNERS & MAX. 10" O.C. (ONLY REQ'D WHEN BRICK MOULDING IS USED). NOT TO BE USED A SUBSTITUTE FOR THE FRAME ANCHORS.



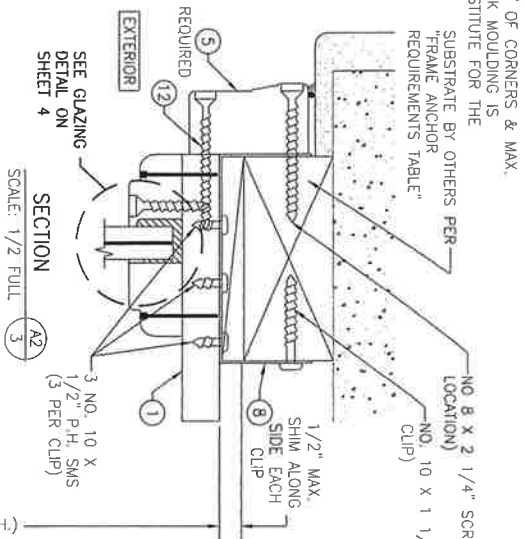
SECTION A1  
SCALE: 1/2 FULL

SHIM SPACE NOTE: UP TO A 1/2" SHIM SPACE MAY BE USED IF FRAME SCREWS ARE 1/4" CONCRETE SCREWS OR NO. 14 SCREWS



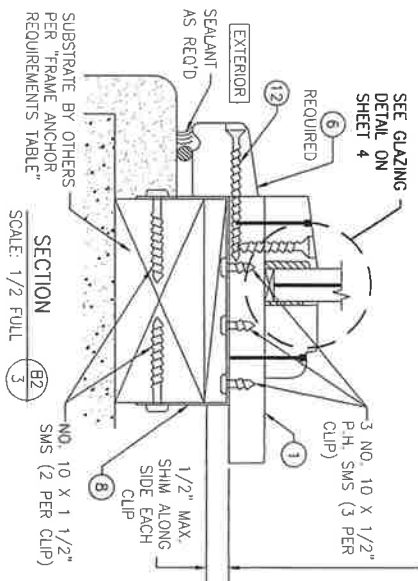
SECTION B1  
SCALE: 1/2 FULL

NO. 8 X 2 1/4" SCREW (1 AT EACH CLIP LOCATION) NO. 10 X 1 1/2" SMS (1 PER CLIP)



SECTION A2  
SCALE: 1/2 FULL

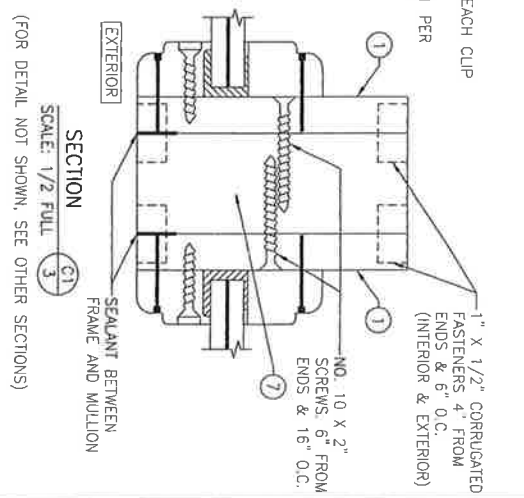
ALL SHIMS SHALL BE MIN. 1 1/2" WIDE X 3 1/2" DEEP



SECTION B2  
SCALE: 1/2 FULL

(SEE SECTION B1/3 FOR DETAILS NOT SHOWN)

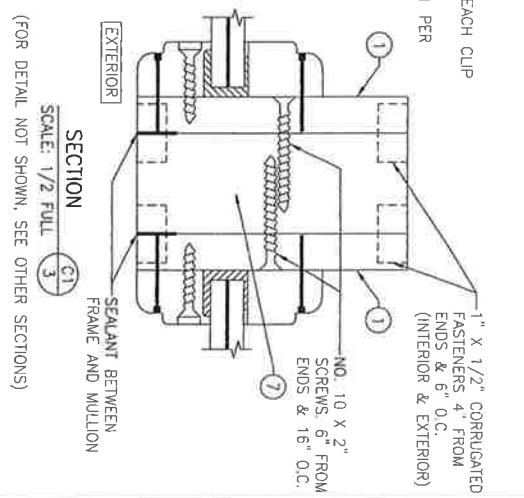
1" X 1/2" CORRUGATED FASTENERS 4" FROM ENDS & 6" O.C. (INTERIOR & EXTERIOR)



SECTION C1  
SCALE: 1/2 FULL

(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

1" X 1/2" CORRUGATED FASTENERS 4" FROM ENDS & 6" O.C. (INTERIOR & EXTERIOR)

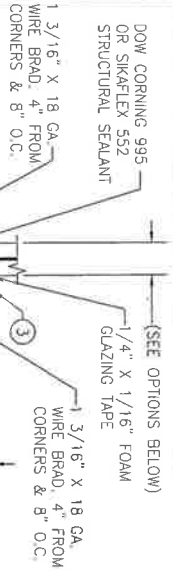


SECTION C2  
SCALE: 1/2 FULL

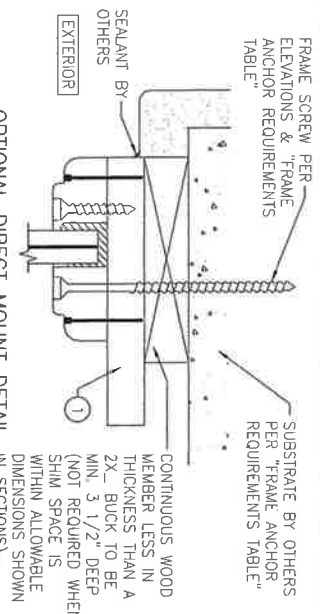
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

<p>WARREN W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424</p>		<p>PARRETT WINDOWS 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444</p>	
<p>DRAWING NO. 1418 SHEET NO. 3 OF 5</p>		<p>NO. REVISION DESCRIPTION BY DATE</p>	

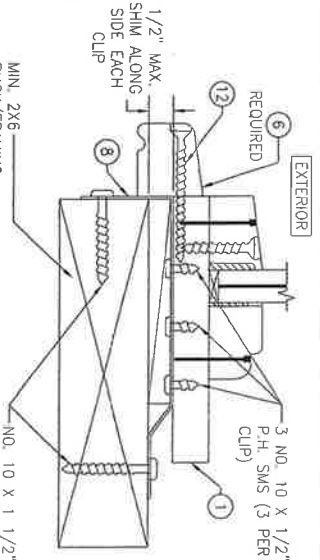




- OPTION 1: 9/16" THICK LAMINATED GLASS (1/4" H.S./0.075" EASTMAN CHEM. CO. SAFFLEX CP/1/4" H.S.)
- OPTION 2: 9/16" THICK LAMINATED GLASS (1/4" H.S./0.10 EASTMAN CHEM. CO. SAFFLEX HP/1/4" H.S.)
- OPTION 3: 9/16" THICK LAMINATED GLASS (1/4" AN/0.075" EASTMAN CHEM. CO. SAFFLEX CP/1/4" AN)
- OPTION 4: 9/16" THICK LAMINATED GLASS (1/4" AN/0.10 EASTMAN CHEM. CO. SAFFLEX HP/1/4" AN)



OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER (HEAD SECTION SHOWN. SILL & SIDES ARE INSTALLED THE SAME) (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS).



OPTIONAL CLIP MOUNT CONDITION (SILL SECTION SHOWN HEAD & SIDES ARE SIMILAR TO OTHERS)

- OPTION 5: 1 5/16" THICK I.G. LAMINATED GLASS (1/4" H.S./0.075" EASTMAN CHEM. CO. SAFFLEX CP/1/4" H.S. EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR)
- OPTION 6: 1 5/16" THICK I.G. LAMINATED GLASS (1/4" H.S./0.075" EASTMAN CHEM. CO. SAFFLEX HP/1/4" H.S. EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR)
- OPTION 7: 1 5/16" THICK I.G. LAMINATED GLASS (1/4" AN/0.075" EASTMAN CHEM. CO. SAFFLEX CP/1/4" AN EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR)
- OPTION 8: 1 5/16" THICK I.G. LAMINATED GLASS (1/4" AN/0.10" EASTMAN CHEM. CO. SAFFLEX HP/1/4" AN EXTERIOR; 1/2" AIR SPACE; 1/4" H.S. OR TEMPERED SINGLE PANE INTERIOR)

NOTE: WHEN REQUIRED TO MEET FLORIDA BUILDING CODE SAFETY GLASS REQUIREMENTS, THE INTERIOR SINGLE PANE OF GLASS SHALL BE TEMPERED.



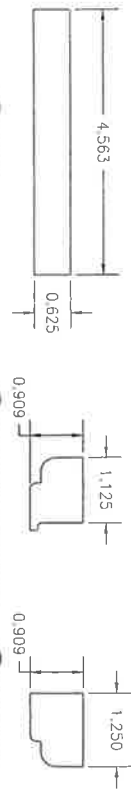
NO.	REVISION DESCRIPTION	BY	DATE
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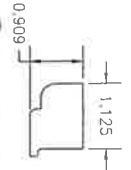
DRAWING NO. <b>1418</b>	SHEET NO. <b>8</b>
4 OF 5	CERTIFICATION <b>JAN 09 2015</b>

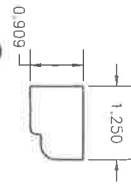
DRAWING TITLE <b>WOOD DIRECT SET WINDOW</b>	MANUFACTURER <b>PARRETT WINDOWS</b> 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3624	MANUFACTURER <b>PARRETT WINDOWS</b> 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444



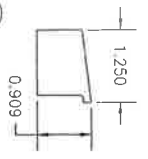
1 JAMB



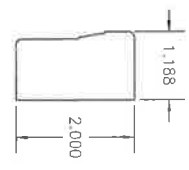
2 EXTERIOR GLAZING BEAD AT HEAD & SIDES



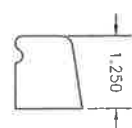
3 INTERIOR GLAZING BEAD



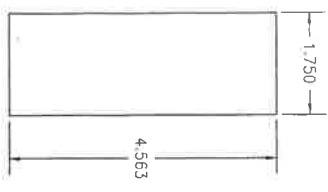
4 EXTERIOR GLAZING BEAD AT SILL



5 BRICK MOULDING AT HEAD & SIDES (OPTIONAL)



6 BRICK MOULDING AT SILL (OPTIONAL)



7 MULLION REINFORCEMENT

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	JAMB	*RADIATA PINE
2	EXTERIOR GLAZING BEAD AT HEAD & SIDES	*RADIATA PINE
3	INTERIOR GLAZING BEAD	*RADIATA PINE
4	EXTERIOR GLAZING BEAD AT SILL	*RADIATA PINE
5	BRICK MOULDING AT HEAD & SIDES	*RADIATA PINE (SEE FOOTNOTE #1 BELOW)
6	BRICK MULDING AT SILL	*RADIATA PINE (SEE FOOTNOTE #1 BELOW)
7	MULLION REINFORCEMENT	MAHOGANY
8	FRAME MOUNTING CLIP	0.05" X 1 1/2" X 6 1/2" MIN. 33 KSI GALV. STEEL
FASTENERS		
12	#6 X 1 5/8" SQ. HD SCREW & 2" X 18 GAGE BRAD NAIL	EACH 4" FROM CORNERS AND 10" O.C.
13	#10 X 1 1/2" PHILLIPS HD SCREW	2" FROM CORNERS AND 10" O.C.

NOTE: WOOD USED IN TESTING WAS RADIATA PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PARRETT WINDOWS TO SELECT.

FOOTNOTE 1: BRICK MULDING IS ONLY REQUIRED WITH THE CLIP MOUNT CONDITIONS. IT IS NOT REQUIRED WITH THE SHEAR SCREW MOUNT CONDITIONS AND IS THUS OPTIONAL WITH THE SHEAR SCREW MOUNT CONDITIONS.



<b>CERTIFICATION</b> JAN 09 2015  WARREN W. SCHAEFER, P.E. P.E. NO. 44135	<b>DRAWING TITLE</b> WOOD DIRECT SET WINDOW	<b>CONSULTANTS</b> W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	<b>MANUFACTURER</b> PARRETT WINDOWS 810 2ND AVE. EAST DORCHESTER, WI 54425 (715) 654-6444	<table border="1" style="width: 100%; height: 100%;"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	REVISION	DESCRIPTION	BY	DATE															
NO.	REVISION	DESCRIPTION	BY	DATE																				
DRAWING NO. REV 1418 B SHEET NO. OF 5 OF 5																								

407-2577447

**INSTALLATION SERVICES CUSTOMER CONTRACT - MWORK - INT/EXT/PATIO DOOR**



LOWE'S OF S.E. ORLANDO, FL, STORE # 1598	STORE PHONE: (407) 382-2211
3500 SOUTH SEMORAN BLVD.	SALESPERSON: LAWRENCE ROUSE
ORLANDO, FL 32822-2581	SALESPERSON ID: 1859844
	Document Print Date : 04/06/2018

This is only a Quote for the merchandise and services printed below. This becomes an agreement upon payment and issuance of a Lowe's receipt, upon which the entire agreement, including the specifically completed pages of this document, the Terms and Conditions included with this document, the applicable portion(s) of Lowe's receipt, and any other addenda or attachments hereto, shall be referred to herein as this "Contract".

**PLEASE READ THIS ENTIRE DOCUMENT, INCLUDING THE "TERMS AND CONDITIONS," BEFORE SIGNING.**

**Lowe's Registration or Contractor License Number / Lowe's Contractor Name**

Florida Contractor License Number CGC1508417

<b>S</b>	Customer Name	Home Phone
<b>O</b>	<b>CHRIS FLEAGLE</b>	<b>407-816-0571</b>
<b>L</b>	Customer Address	Other Phone
<b>D</b>	<b>5469 CHISWICK CIR</b>	
<b>T</b>	City	Zip / Postal Code
<b>O</b>	<b>BELLE ISLE</b>	<b>32812</b>
	Installation Address	
	<b>5469 CHISWICK CIR</b>	
	Installation City	Installation Zip/Postal Code
	<b>BELLE ISLE</b>	<b>32812</b>

**MERCHANDISE AND INSTALLATION SUMMARY**

**MERCHANDISE SUMMARY**

- 951 : 951 : STK : 1-6-8 #2 TC WHITEWOOD BOARD : 1-6-8 #2 TC WHITEWOOD BOARD : SIERRA PACIFIC INDUSTRIES - QTY 4
- 1158 : 1158 : STK : 1-6-8 SELECT PINE BOARD : 1-6-8 SELECT PINE BOARD : PRECISION LUMBER - QTY 3
- 1206 : 1206 : STK : 1-2-8 SELECT PINE BOARD : 1-2-8 SELECT PINE BOARD : PRECISION LUMBER - QTY 4
- 1209 : 1209 : STK : 1-3-8 SELECT PINE BOARD : 1-3-8 SELECT PINE BOARD : PRECISION LUMBER - QTY 4
- 3077 : EC988 : STK : PNE MULL 1-1/2-INX3/8-INX8-FT : PNE MULL 1-1/2-INX3/8-INX8-FT : EAST COAST MILLWORK DISTRIBUTI - QTY 1
- 3399 : EC987 : STK : PNE MULL 987 2-INX3/8-INX8-FT : PNE MULL 987 2-INX3/8-INX8-FT : EAST COAST MILLWORK DISTRIBUTI - QTY 2
- 4874 : L0436627 : STK : PFJCASE366 2-1/4-INX11/16-INX7-FT : PFJCASE366 2-1/4-INX11/16-INX7-FT : EAST COAST MILLWORK DISTRIBUTI - QTY 1
- 14560 : FB350N V PLY 505 605 : STK : SCH BB COMBO SGL PLYMOUTH : KEYED ENTRY DOOR KNOB : SCHLAGE LOCK - QTY 1

14648 : B360 V 505 : STK : SCH BB DEADBOLT SGL : SCH BB DEADBOLT SGL : SCHLAGE LOCK - QTY 1	
30858 : F51 V FLA 505 : STK : SCH BB ENTRY LVR FLAIR : SCH BB ENTRY LVR FLAIR : SCHLAGE LOCK - QTY 1	
34671 : L04366210 : STK : PFJCAS366 2-1/4-INX11/16-INX10-FT : PFJCAS366 2-1/4-INX11/16-INX10-FT : EAST COAST MILLWORK DISTRIBUTI - QTY 2	
97058 : L 17670FJPM : STK : PJFBKML176 1-5/8-INX11/16-INX7-FT : PJFBKML176 1-5/8-INX11/16-INX7-FT : EMPIRE COMPANY, INC. (THE) - QTY 2	
238343 : 2826-8 : STK : 3/4-3-1/2-8 RF EMBOSD PVC TRM BRD : 3/4-3-1/2-8 RF EMBOSD PVC TRM BRD : ROYAL MOULDINGS LIMITED - QTY 3	
238345 : 2827-8 : STK : 3/4-5-1/2-8 RF EMBOSD PVC TRM BRD : 3/4-5-1/2-8 RF EMBOSD PVC TRM BRD : ROYAL MOULDINGS LIMITED - QTY 1	
283382 : 0725210003 : STK : PVC BRK MLD 7252 WHITE 10FT : PVC BRK MLD 7252 WHITE 10FT : EMPIRE COMPANY, INC. (THE) - QTY 1	
	<b>Materials Price</b> \$ 412.42

**INSTALLATION DESCRIPTION**

Stock or SOS : SOS	Door Type : Exterior
Select Location : Back Door	Select New Door : Single Pre-hung
Hardwood (Mahogany or Oak) Door : No	Side Lights or Transoms : Yes
Total Number of Side Lights and Transoms : 1	Hidden Damage Description : None
Number of additional holes bored for accessories : None	Install Specialized Mortise Hardware : No
Install Storm Door : No	Stock or SOS : SOS
Door Type : Patio	Select Location : back patio
Select New Door : Hinged / French	Side Lights or Transoms : Yes
Total Number of Side Lights and Transoms : 1	Hidden Damage Description : None
Number of additional holes bored for accessories : None	Install Specialized Mortise Hardware : No
Total Linear Feet of Custom Trim to be Installed : 0	Deliver Door : No
Customer Understands Scope of the Project : Yes	Permit Required : Yes
Who Will Obtain Permit : Third Party	Permit Fee : Yes
Additional Miles Traveled over 20 : 0	Bring Up To Code Description : Jamb extension
Bring Up To Code Charge : Yes	Local Disposal Fee : Yes
Describe Other Work Needed : custom work,,,59.00 pad opening 47.00	Other Work Charge : Yes
Comments : No Comment	Lead Safe Practices : No

Labor Charges	\$ 1378.00
Detail Deduction	-\$ 35.00

**Additional Specifications:**

Notation: Lowe's will not make structural modifications, paint or stain or remove/reinstall security system equipment. Customer is responsible to advise if property is governed by Historic District Regulations.

**Additional Specifications:** Federal law requires Lowe's to provide you with the pamphlet *Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools*. By signing this Contract, Customer acknowledges having received a copy of this pamphlet before work began informing Customer of the potential risk of the lead hazard exposure from renovation activity to be performed in Customer's dwelling unit.

**PHOTO RELEASE:** Customer grants to Lowe's and Lowe's employees and independent contractors the right to take photographs of the Premises where Installation Services will be performed and all work performed at the Premises related to this Contract, and irrevocably grants to Lowe's all right, title, interest in and to the photographs for use in all markets and media, worldwide, in perpetuity. Customer authorizes Lowe's to copyright, use and publish the photographs in print and/or electronically, and agrees that Lowe's may use such photographs for any lawful purpose, including, but not limited to, marketing, advertising, publicity, illustration, training and Web content. By initialing here, Customer agrees to the foregoing. CG [Customer to initial to the left].

**NOTICE TO CUSTOMER - PRICE CALCULATIONS:** In order to properly perform the installation of certain Goods, the Contract Price may include more Goods than actually will be installed based on the measured square footage of the Project Area. As a result, the parties agree that the lump-sum Price stated in this Contract is calculated upon both the value of the estimated Goods required to fulfill the Contract (including waste), which may exceed the actual square footage of the Project Area, and the labor which may be estimated based on the amount of Goods required to fulfill the contract (including waste). By signing this Contract below, Customer acknowledges receipt of this notice and agrees and understands that the Price includes these costs which may not be refunded once the Installation Services are performed.

**NOTICE OF ARBITRATION AGREEMENT**  
 This Contract provides that all claims by Customer or Lowe's will be resolved by **BINDING ARBITRATION**. Customer and Lowe's **GIVE UP THE RIGHT TO GO TO COURT** to enforce this Contract (EXCEPT for matters that may be taken to **SMALL CLAIMS COURT**). Lowe's and Customer's rights will be determined by a **NEUTRAL ARBITRATOR** and **NOT** a judge or jury. Lowe's and Customer are entitled to a **FAIR HEARING**. But the arbitration procedures are **SIMPLER AND MORE LIMITED THAN RULES APPLICABLE IN COURT**. Arbitrator decisions are as enforceable as any court order and are subject to **VERY LIMITED REVIEW BY A COURT**. **FOR MORE DETAILS:** Review the section titled **ARBITRATION AGREEMENT, WAIVER OF JURY TRIAL AND WAIVER OF CLASS ACTION ADJUDICATION** found in the Terms and Conditions of this Contract.

**TOTAL CHARGES OF ALL MERCHANDISE AND SERVICES**

*where applicable	
<b>SUB-TOTAL</b>	<b>\$ 1755.42</b>
<b>*TAX</b>	<b>\$ 0.00</b>
<b>DELIVERY</b>	<b>\$ 0.00</b>
<b>ORDER TOTAL</b>	<b>\$ 1755.42</b>
<b>BALANCE DUE</b>	

Work is to commence upon reasonable availability of Contractor which is anticipated to be f.b.d. [fill in date].

Estimated completion date is f.b.d. [fill in date].



**NOTICE TO CUSTOMER**

All items listed in this contract and specification sheet(s) are to be installed under conditions agreed upon at time of purchase and at the price appearing on this contract form. This assumes sound existing substructures, superstructure and points of attachments. Extra labor or material incident to installation necessitated by defective substructures, superstructure, points of attachment, or the moving of fixtures or appliances to be billed at extra cost to customer. DO NOT SIGN THIS CONTRACT UNTIL COMPLETE AND YOU HAVE READ THE TERMS AND CONDITIONS OF THIS CONTRACT. BY SIGNING BELOW, YOU ARE ACKNOWLEDGING THAT YOU HAVE READ, UNDERSTAND AND AGREE TO THE TERMS AND CONDITIONS SET FORTH ON THIS CONTRACT. YOU ARE ENTITLED TO A COPY OF THIS CONTRACT AT THE TIME OF SIGNATURE.

**NOTICE TO OWNER:-ACCORDING TO FLORIDA'S CONSTRUCTION LIEN LAW (SECTIONS 713.001- 713.37, FLORIDA STATUTES), THOSE WHO WORK ON YOUR PROPERTY OR PROVIDE MATERIALS AND SERVICES AND ARE NOT PAID IN FULL HAVE A RIGHT TO ENFORCE THEIR CLAIM FOR PAYMENT AGAINST YOUR PROPERTY. THIS CLAIM IS KNOWN AS A CONSTRUCTION LIEN. IF YOUR CONTRACTOR OR A SUBCONTRACTOR FAILS TO PAY SUBCONTRACTORS, SUB-SUBCONTRACTORS, OR MATERIAL SUPPLIERS, THOSE PEOPLE WHO ARE OWED MONEY MAY LOOK TO YOUR PROPERTY FOR PAYMENT, EVEN IF YOU HAVE ALREADY PAID YOUR CONTRACTOR IN FULL. IF YOU FAIL TO PAY YOUR CONTRACTOR, YOUR CONTRACTOR MAY ALSO HAVE A LIEN ON YOUR PROPERTY. THIS MEANS IF A LIEN IS FILED YOUR PROPERTY COULD BE SOLD AGAINST YOUR WILL TO PAY FOR LABOR, MATERIALS, OR OTHER SERVICES THAT YOUR CONTRACTOR OR A SUBCONTRACTOR MAY HAVE FAILED TO PAY. TO PROTECT YOURSELF, YOU SHOULD STIPULATE IN THIS CONTRACT THAT BEFORE ANY PAYMENT IS MADE, YOUR CONTRACTOR IS REQUIRED TO PROVIDE YOU WITH A WRITTEN RELEASE OF LIEN FROM ANY PERSON OR COMPANY THAT HAS PROVIDED TO YOU A "NOTICE TO OWNER." FLORIDA'S CONSTRUCTION LIEN LAW IS COMPLEX, AND IT IS RECOMMENDED THAT YOU CONSULT AN ATTORNEY.**

WITNESS OUR HAND(S) AND SEAL(S) BELOW THIS 6th DAY OF April, 2018

Lowe's Home Centers, LLC

By: [Signature] (Seal)

Print Name: Lawrence Rouse

Address: 5500 S. Semoran Blvd

Orlando FL State / Province

32822 Zip / Postal Code

[Signature] Owner (Seal)

Chris Fleagle Print Name

\_\_\_\_ Co-Owner or Witness (Seal)

\_\_\_\_ Print Name



**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD  
2601 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-0783**

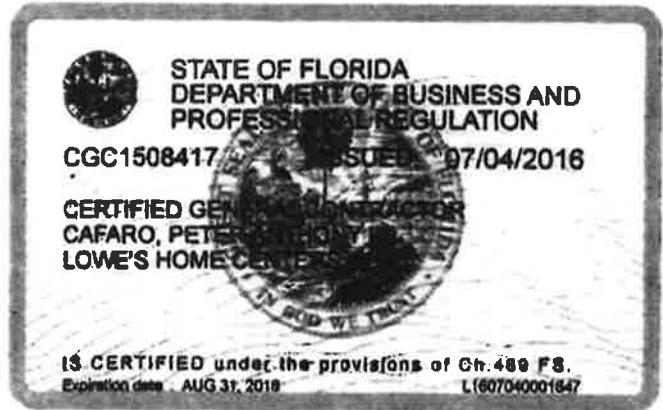
**(850) 487-1395**

**CAFARO, PETER ANTHONY III  
LOWE'S HOME CENTERS, LLC  
PO BOX 781993  
ORLANDO FL 32878-1993**

**Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.**

**Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto [www.myfloridalicense.com](http://www.myfloridalicense.com). There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.**

**Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!**



**DETACH HERE**

**RICK SCOTT, GOVERNOR**

**KEN LAWSON, SECRETARY**

**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD**

<b>LICENSE NUMBER</b>	
<b>CGC1508417</b>	

**The GENERAL CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS.  
Expiration date: AUG 31, 2018**

**CAFARO, PETER ANTHONY III  
LOWE'S HOME CENTERS, LLC  
1805 CURTIS BRIDGE  
WILKESBORO NC 28697**



**ISSUED: 07/04/2016**

**DISPLAY AS REQUIRED BY LAW**

**SEQ # 11607040001647**



# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
03/14/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> Aon Risk Services South, Inc. Charlotte NC Office 1111 Metropolitan Avenue, Suite 400 Charlotte NC 28204 USA	<b>CONTACT NAME:</b> PHONE (A/C. No. Ext.): (866) 283-7122      FAX (A/C. No.): (800) 363-0105		
	<b>E-MAIL ADDRESS:</b>		
<b>INSURED</b> Lowe's Companies, Inc. and its subsidiaries 1000 Lowe's Boulevard Mooresville NC 28117 USA	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	INSURER A: National Union Fire Ins Co of Pittsburgh		19445
	INSURER B: New Hampshire Insurance Company		23841
	INSURER C: Great American Assurance Company		26344
	INSURER D:		
	INSURER E:		
INSURER F:			

**COVERAGES**      **CERTIFICATE NUMBER: 570070446909**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	
A	<b>AUTOMOBILE LIABILITY</b>			CA 7093470	04/01/2018	04/01/2019	COMBINED SINGLE LIMIT (Ea accident)	\$5,000,000
A	<input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY			AOS	04/01/2018	04/01/2019	BODILY INJURY (Per person)	
A	<input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			CA 7093469 MA CA 7093471 VA	04/01/2018	04/01/2019	BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB			UMB2274698	04/01/2018	04/01/2019	EACH OCCURRENCE AGGREGATE	\$5,000,000 \$5,000,000
	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE			SIR applies per policy terms & conditions				
	DED <input checked="" type="checkbox"/> RETENTION							
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N <input checked="" type="checkbox"/> N    N/A	wc014122607	04/01/2018	04/01/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
				AOS			E.L. EACH ACCIDENT	\$2,000,000
				SIR applies per policy terms & conditions			E.L. DISEASE-EA EMPLOYEE	\$2,000,000
							E.L. DISEASE-POLICY LIMIT	\$2,000,000
A	Excess WC			XwC4595584	04/01/2018	04/01/2019	EL Each Accident EL Disease - Policy EL Disease - Ea Emp	\$3,000,000 \$3,000,000 \$3,000,000
				AOS				
				SIR applies per policy terms & conditions				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Commercial General Liability is Self-Insured.  
 Lowe's Home Centers, Inc. and Lowe's Home Centers, LLC is a named insured under the captioned policies. Florida General Contractor's License # CGC1508417, Peter Anthony Cafaro, III, Certified General Contractor. Florida Contractor's License # CCC1326824, Peter Anthony Cafaro, III, Certified Roofing Contractor.

<b>CERTIFICATE HOLDER</b>  City of Belle Isle 1600 Nela Avenue Belle Isle FL 32809 USA	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  

Holder Identifier : FL License      Certificate No : 570070446909



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**Risk Management Department**

Re: Lowe's Home Centers, LLC Competency License  
Florida General Contractor's License # CGC1508417, Peter Anthony Cafaro, III, Certified  
General Contractor.  
Florida Contractor's License # CCC1326824, Peter Anthony Cafaro, III, Certified Roofing  
Contractor.

Dear Sir/Madam:

This letter will confirm that Lowe's Home Centers, LLC (a wholly owned subsidiary of Lowe's Companies, Inc. (hereinafter "Lowe's")) intends to satisfy the general liability insurance requirement through a program of self-insurance. Lowe's self insures for each general liability claim in an amount up to and including \$5,000,000 which is the attachment point for Lowe's excess liability policy which is written through Steadfast Insurance Company as evidenced on our certificate of insurance. Lowe's Companies, LLC maintains reserves to support this program of self insurance based on a review (performed at least annually) by a certified casualty actuary.

Lowe's Companies, Inc. is a Fortune 50 company and operates more than 1,750 stores in the US, Canada and Mexico. Lowe's sales in 2014 were in excess of \$53 billion. You may access Lowe's financial information at [www.lowes.com](http://www.lowes.com).

Please feel free to contact me at (704) 758-3123 or [Shonna.M.Splain@Lowes.com](mailto:Shonna.M.Splain@Lowes.com) if you have any questions.

Very truly yours,

Shonna Splain  
Insurance & Risk Administrator  
Risk Management Department

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.

2017

EXPIRES 9/30/2018

1801-0590711

1801 CERTIFIED GENERAL C \$30.00  
 1806 CERTIFIED ROOFING CO \$30.00

2 EMPLOYEES + 5000 BUSINESS OFFICE  
 2 EMPLOYEES

\$30.00

2 EMPLOYEES

TOTAL TAX \$90.00  
 PREVIOUSLY PAID \$90.00  
 TOTAL DUE \$0.00

12200 LAKE UNDERHILL RD  
 U - ORLANDO, 32825

PAID: \$90.00 2502-03206317 8/17/2017



CAFARO PETER ANTHONY III QUALIFIER  
 LOWES HOME CENTERS LLC  
 CAFARO PETER ANTHONY III  
 P O BOX 781993  
 ORLANDO FL 32878

This receipt is official when validated by the Tax Collector.

[Searches](#)[Sales Search](#)[Results](#)[Property Record Card](#)[My Favorites](#)[Sign up for e-Notify...](#)**5469 Chiswick Cir** < 20-23-30-9373-00-490 >

Name(s)	Physical Street Address
Fleagle Christopher B	5469 Chiswick Cir
Fleagle Kelly A	Postal City and Zipcode
Mailing Address On File	Orlando, Fl 32812
5469 Chiswick Cir	Property Use
Belle Isle, FL 32812-2118	0103 - Single Fam Class III
<a href="#">Incorrect Mailing Address?</a>	Municipality
	Belle Isle

**View 2017 Property Record Card**[Property Features](#)[Values, Exemptions and Taxes](#)[Sales Analysis](#)[Location Info](#)[Market Stats](#)[Update Information](#)**2018 values will be available in August of 2018.****Property Description**[View Plat](#)

WINDSOR PLACE PHASE 1 30/28 LOT 49

**Total Land Area** 11,067 sqft (+/-) | 0.25 acres (+/-) [GIS Calculated](#) [Notice](#)**Land**

Land Use Code	Zoning	Land Units	Unit Price	Land Value	Class Unit Price	Class Value
0100 - Single Family	R-1-AA	1 LOT(S)	working...	working...	working...	working...

Page 1 of 1 (1 total records)

**Buildings**

Important Information		Structure				
	<b>Model Code:</b>	01 - Single Fam Residence	<b>Actual Year Built:</b>	1992	<b>Gross Area:</b>	3216 sqft
	<b>Type Code:</b>	0103 - Single Fam Class III	<b>Beds:</b>	4	<b>Living Area:</b>	2544 sqft
	<b>Building Value:</b>	working...	<b>Baths:</b>	3.0	<b>Exterior Wall:</b>	Concrete Block Stucco
	<b>Estimated New Cost:</b>	working...	<b>Floors:</b>	1	<b>Interior Wall:</b>	Drywall

Page 1 of 1 (1 total records)

**Extra Features**

Description	Date Built	Units	XFOB Value
PL2 - Above Average Pool	01/01/1992	1 Unit(s)	working...
FPL3 - Good Fireplace	01/01/1992	1 Unit(s)	working...

Page 1 of 1 (2 total records)

This Data Printed on 04/09/2018 and System Data Last Refreshed on 04/08/2018