

FLORIDA DEPARTMENT OF
Business & Professional Regulation



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**Product Approval**

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FL #	FL15180-R5						
Application Type	Revision						
Code Version	2023						
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	Ron O'Connell						
Address/Phone/Email	5200 W Century Blvd. Los Angeles, CA 90045 (440) 969-9773 Ext 16 ronoconnell@plastpro.com						
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	12/31/2026						
Validated By	Ryan J. King, P.E. ☐ Validation Checklist - Hardcopy Received						
Certificate of Independence	FL15180_R5_COI_(e)_Cert of Independence.pdf						
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th><th>Year</th></tr> </thead> <tbody> <tr> <td>ASTM D1929</td><td>1996</td></tr> <tr> <td>ASTM D2843</td><td>1999</td></tr> </tbody> </table>	Standard	Year	ASTM D1929	1996	ASTM D2843	1999
Standard	Year						
ASTM D1929	1996						
ASTM D2843	1999						

ASTM D635	1998
ASTM D638	2003
ASTM E1300	2004
ASTM E84	2005
ASTM G155	2005
ASTM G26	1995
TAS 201, 202, 203	1994

Equivalence of Product Standards
Certified By

Florida Licensed Professional Engineer or Architect
[FL15180_R5_Equiv_of_Standards\(e\).pdf](#)

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted 08/21/2023
Date Validated 08/21/2023
Date Pending FBC Approval 08/29/2023
Date Approved 10/17/2023
Date Revised 08/04/2026

Summary of Products

FL #	Model, Number or Name	Description
15180.1	a. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	6'8 "Impact" Glazed Fiberglass Single Door with "Impact" Sidelite(s) - Outswing (X, OX or XO, OXO Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.1 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.1.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.1.pdf Created by Independent Third Party: Yes
15180.2	b. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	6'8 "Impact" Glazed Fiberglass Double Door with or without "Impact" Sidelites - Outswing (XX or OXXO - Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.2 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.2.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.2.pdf Created by Independent Third Party: Yes
15180.3	c. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	8'0 "Impact" Glazed Fiberglass Single Door with "Impact" Sidelite(s) - Outswing (X, OX or XO, OXO Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.3 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.3.pdf Created by Independent Third Party: Yes
15180.4	d. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	8'0 "Impact" Glazed Fiberglass Double Door with or without "Impact" Sidelites - Outswing (XX or OXXO - Configurations)

Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.4 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.4.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.4.pdf Created by Independent Third Party: Yes
15180.5	e. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	6'8 "Impact" Opaque Fiberglass Single Door with "Impact" Sidelite(s) - Outswing (X, OX or XO, OXO Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.5 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.5.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.5.pdf Created by Independent Third Party: Yes
15180.6	f. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	6'8 "Impact" Opaque Fiberglass Double Door with or without "Impact" Sidelites - Outswing (XX or OXO - Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.6 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.6.pdf Created by Independent Third Party: Yes
15180.7	g. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	8'0 "Impact" Opaque Fiberglass Single Door with "Impact" Sidelite(s) - Outswing (X, OX or XO, OXO Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.7 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.7.pdf Created by Independent Third Party: Yes
15180.8	h. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	8'0 "Impact" Opaque Fiberglass Double Door with or without "Impact" Sidelites - Outswing (XX or OXO - Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.8 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.8.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.8.pdf Created by Independent Third Party: Yes
15180.9	i. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	6'8 "Impact" Opaque Fiberglass Single Door with "Non-Impact" Sidelite(s) - Outswing (OX or XO, OXO Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.9 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.9.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.9.pdf Created by Independent Third Party: Yes
15180.10	j. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	6'8 "Impact" Opaque Fiberglass Double Door with "Non-Impact" Sidelites - Outswing (OXO - Configuration)

Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.10 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.10.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.10.pdf Created by Independent Third Party: Yes
15180.11	k. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	8'0 "Impact" Opaque Fiberglass Single Door with "Non-Impact" Sidelite(s) - Outswing (OX or XO, OXO Configurations)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.11 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.11.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.11.pdf Created by Independent Third Party: Yes
15180.12	l. Smooth / Wood Grain / White Wood Grain / Rustic / Mahogany Series N Fiberglass Door	8'0 "Impact" Opaque Fiberglass Double Door with "Non-Impact" Sidelites - Outswing (OXXO - Configuration)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15180.12 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15180_R5_II (e) Inst 15180.12.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15180_R5_AE (e) Eval 15180.12.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:





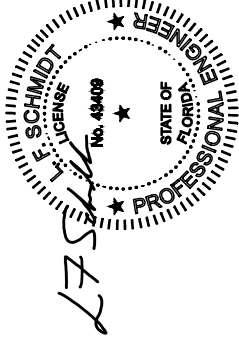
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
OUTSWING
"IMPACT"

GENERAL NOTES

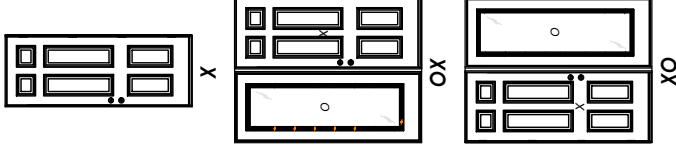
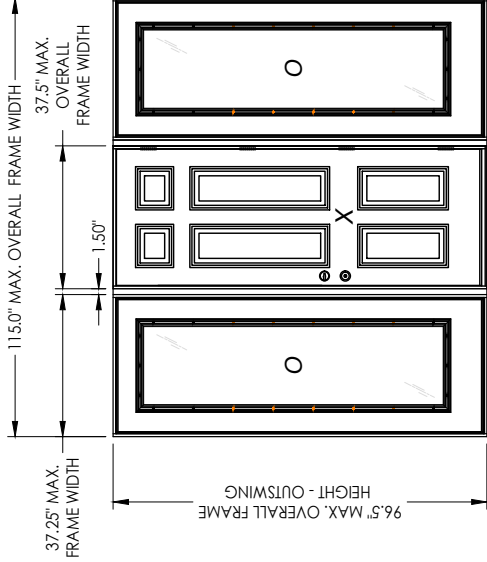
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations (using sill item #29) meet water infiltration requirements for "HVHZ". The ADA configuration (using sill item #35) does not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Hardware details
11	Bill of materials and components



This item has been digitally signed and sealed by
L.F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
X	37.5" X 96.5"	N/A	+50.0	-50.0
OX/XO	76.25" X 96.5"	20.63" X 78.75"	+50.0	-50.0
OXO	115.0" X 96.5"	20.63" X 78.75"	+50.0	-50.0

REVISIONS

NO.	DATE
1	04/22/15
2	7/24/17
3	7/23/20
4	6/28/22
5	8/15/23

PLASTPRO INC.

FIBERGLASS DOOR

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

PRODUCT:

DOCUMENTS PREPARED BY:

PLASTPRO INC.

LYNDON F. SCHMIDT

P.E. No. 43409

BUILDING CONSULTANTS, INC.

P.O. Box 230, Vero Beach, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

DATE: 02/21/12

SCALE: N.T.S.

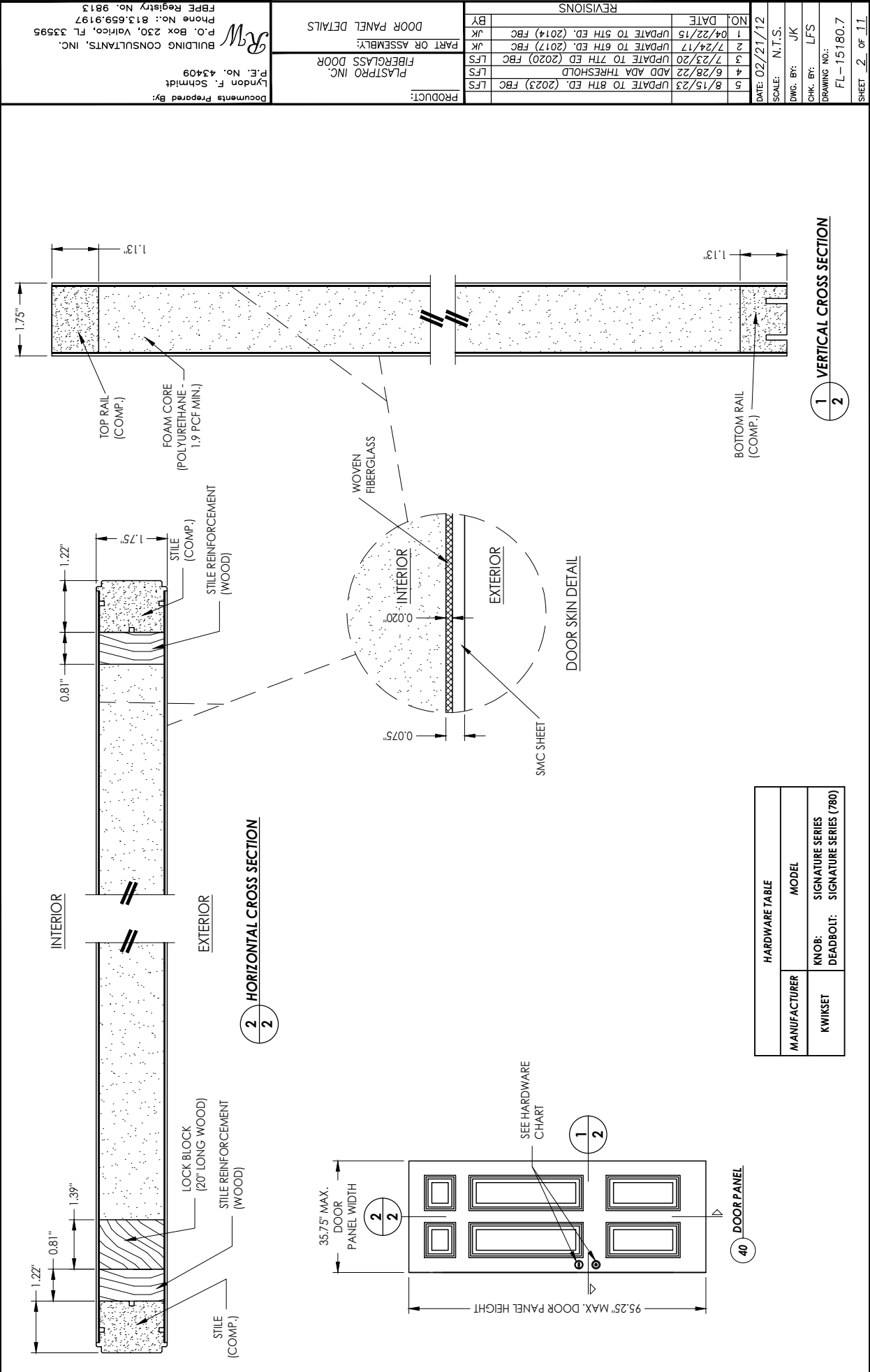
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15180.7

SHEET 1 OF 11

G:\2023 FBC DRAWINGS\Plastpro\FL-15180.RS\FL-15180.5.7.dwg © 2012 R.W. BUILDING CONSULTANTS, INC.



DATE: 02/21/12		SCALE: N.T.S.	DWG. BY: JK	CHK. BY: LFS	DRAWING NO.: FL-15180.7	SHEET 2 OF 11
NO. DATE		1 04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK		
2 7/24/17		UPDATE TO 6TH ED. (2017) FBC	JK			
3 7/23/20		UPDATE TO 7TH ED. (2020) FBC	LFS			
4 6/28/22		ADD ADA THRESHOLD	LFS			
5 8/15/23		UPDATE TO 8TH ED. (2023) FBC	LFS			
REVISIONS						
BY						
PART OR ASSEMBLY:		DOOR PANEL DETAILS				
PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR				
Documents Prepared By:		Lyndon F. Schmit				
P.E. No. 43409						
BUILDING CONSULTANTS, INC.						
P.O. Box 230, Vero Beach, FL 33595						
Phone No.: 813.659.9197						
FBPE Registry No. 9813						

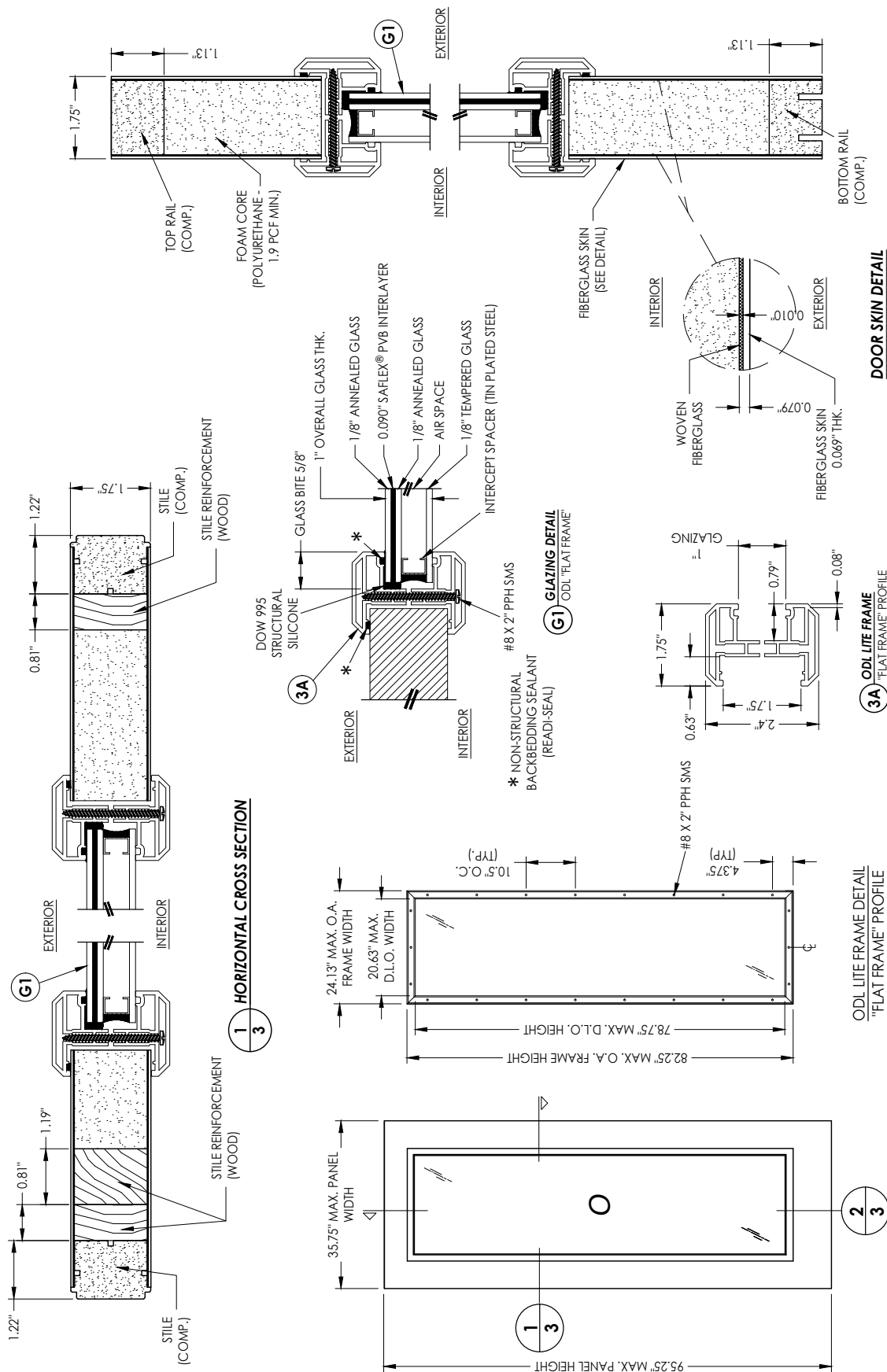
0 8TH ED. (2023) FBC	LFS
THRESHOLD	LFS
0 7TH ED (2020) FBC	LFS
6TH ED. (2017) FBC	JK
5TH ED. (2014) FBC	JK
REVISIONS	BY

NO.	DATE
1	04/22/15
2	7/24/17
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4	6/28/22
5	8/15/23

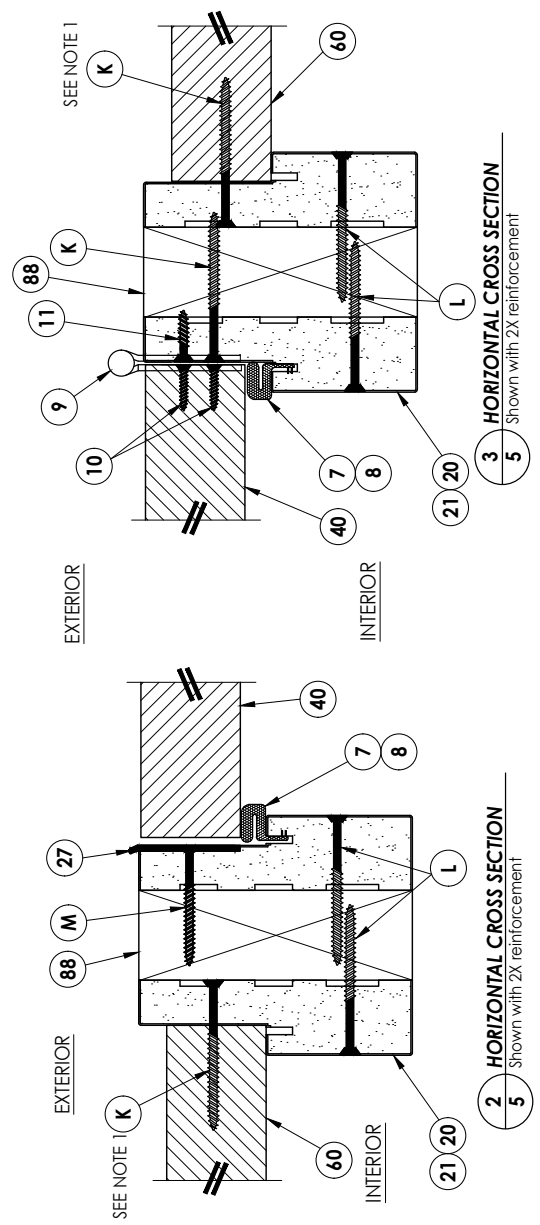
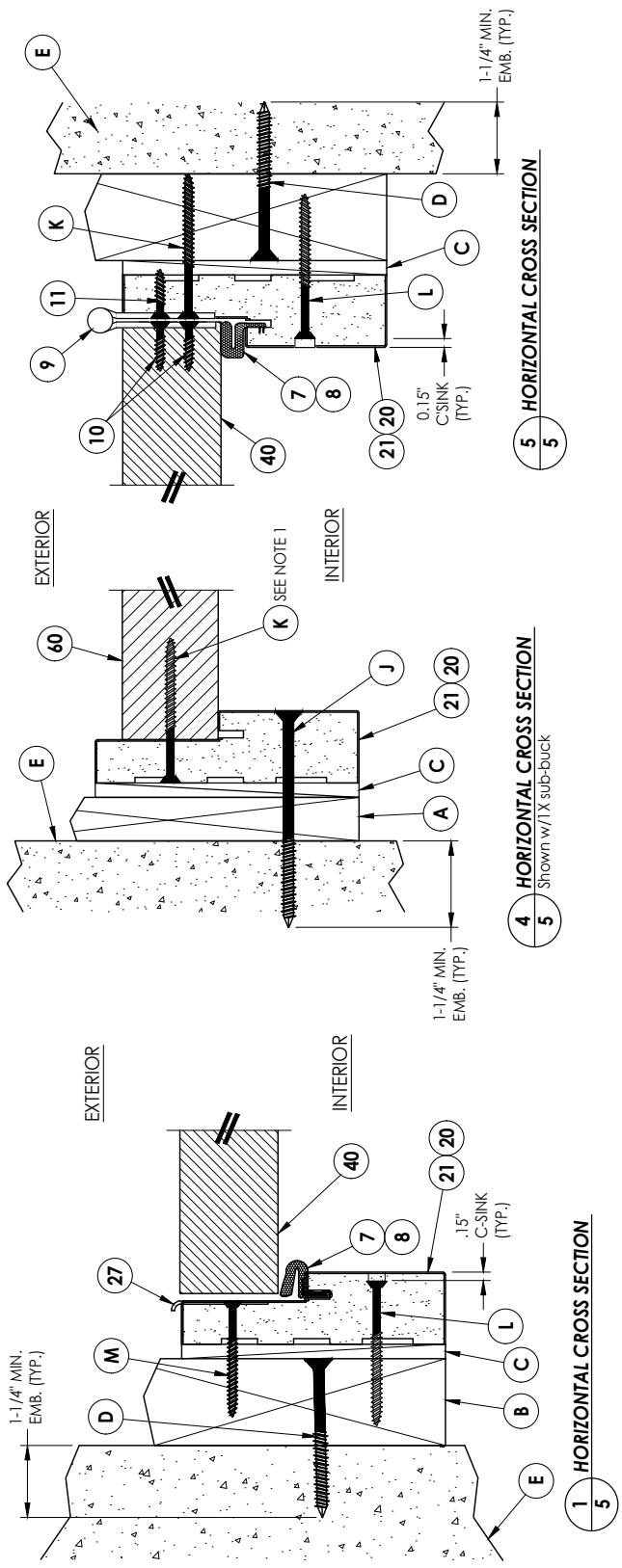
DATE: 02/21/12	SCALE: N.T.S.
WG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15180.7	
SHEET 3 OF 11	

Lyndon F. Schmidt
P.E. No. 43409

2 VERTICAL CROSS SECTION



NOTE:
1. Spacing for item K: 6" from ends
and 8 more equally spaced along
sidelite (10 total).



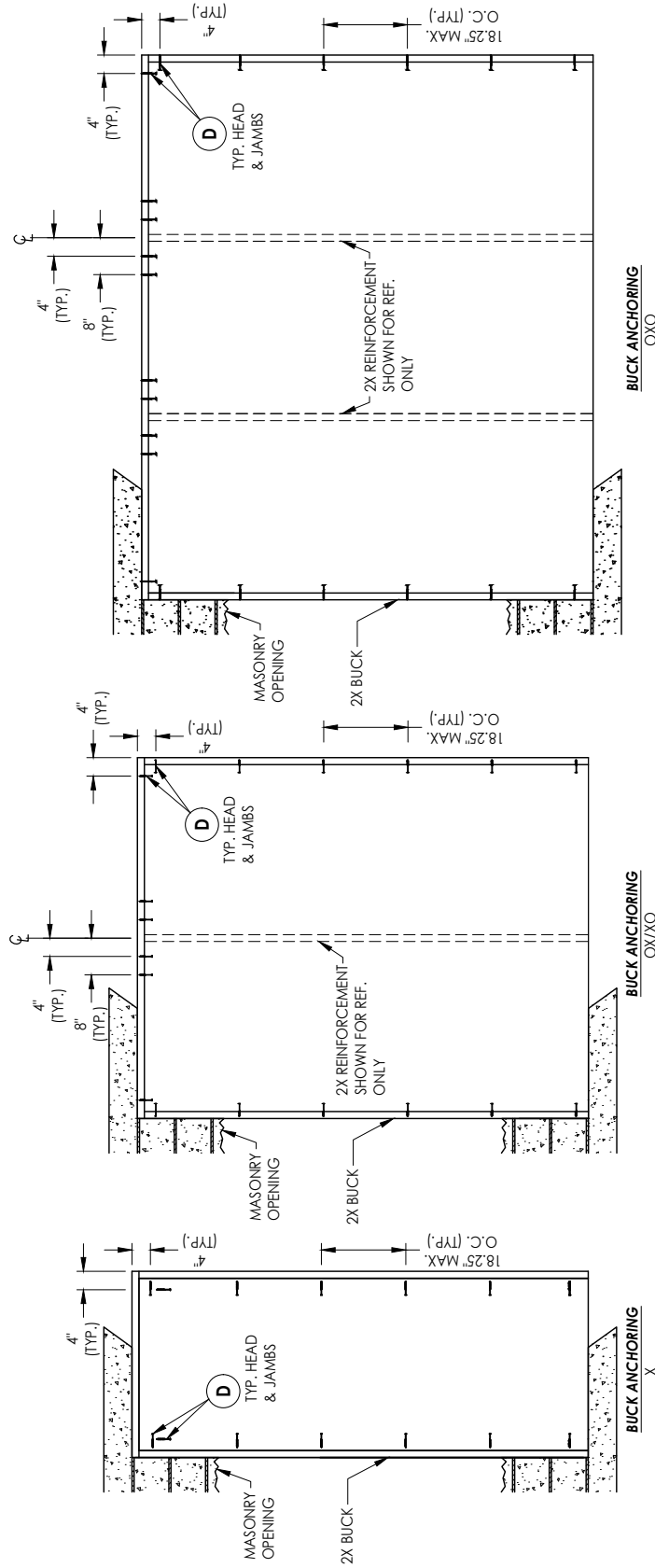
DATE: 02/21/12		NO. DATE		REVISIONS	
1	04/22/15	1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	BY JK
2	7/24/17	2	7/24/17	UPDATE TO 6TH ED. (2017) FBC	BY JK
3	7/23/20	3	7/23/20	UPDATE TO 7TH ED. (2020) FBC	BY JK
4	6/28/22	4	6/28/22	ADD ADA THRESHOLD	BY LFS
5	8/15/23	5	8/15/23	UPDATE TO 8TH ED. (2023) FBC	BY LFS
SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15180.7		SHEET 5 OF 11		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		P.O. Box 230, Vero Beach, FL 33595		BUILDING CONSULTANTS, INC.	
P.E. No. 43409		Lyndon F. Schmidt		FBPE Registry No. 9813	
Documents Prepared By:		P.O. Box 230, Vero Beach, FL 33595		BUILDING CONSULTANTS, INC.	

- CONCRETE ANCHOR NOTES:
- Concrete anchor locations of 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 TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT® ULTRAANCHOR®	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 spilling of wood.



NO.	DATE
1	04/22/15
2	7/24/17
3	7/23/20
4	6/28/22
5	8/15/23

DATE: 02/21/24
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.7
SHEET 8 of 11

REVISIONS
BY JK
UPDATE TO 5TH ED. (2014) FBC
JK
UPDATE TO 6TH ED. (2017) FBC
JK
UPDATE TO 7TH ED (2020) FBC
LFS
ADD ADA THRESHOLD
LFS
UPDATE TO 8TH ED. (2023) FBC
LFS

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

Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409
Bw BUILDING CONSULTANTS, INC.
P.O. Box 230, Vero Beach, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

REVISIONS

NO.	DATE	BY
1	04/22/15	JK
2	07/24/17	JK
3	07/23/20	LFS
4	06/28/22	LFS
5	08/15/23	LFS

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15180.7

SHEET 9 OF 11

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME 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 Registry No. 9813

FRAME ANCHORING

OXO

FRAME ANCHORING

XX

FRAME ANCHORING

X

CONCRETE ANCHOR NOTES:

- Concrete anchor locations of 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 TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

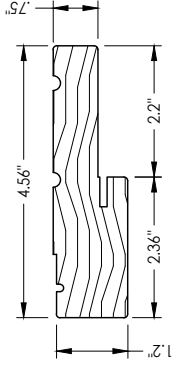
WOOD SCREW INSTALLATION NOTES:

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

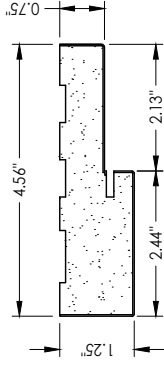
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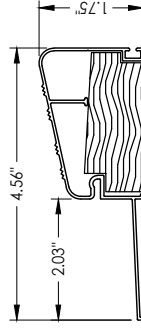
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DEWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 3-1/4" PFH DEWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DEWALT OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
7	FORCE 5 WEATHERSTRIP (ENDURA)	FOAM
8	COMPRESSION WEATHERSTRIP QLON 650 (SCHLEGEL)	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
21	POLY FIBER JAMB	COMP/VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	OUTSWING THRESHOLD	ALUM/WOOD
35	ADA THRESHOLD	ALUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
88	2X REINFORCEMENT (CLEAR PINE, SG >= 0.49)	WOOD



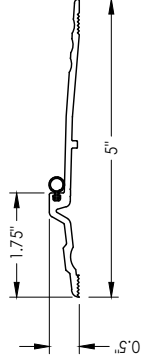
20 HEAD & SIDE Jamb



21 HEAD & SIDE Poly fiber jamb



29 OUTSWING THRESHOLD DUP (QOSR)

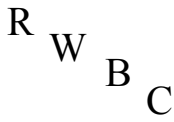


35 ADA THRESHOLD NGP 896V

DATE: 02/21/12	SCALE: N.T.S.	DWG. BY: JK	CHK. BY: LFS	DRAWING NO.: FL-15180.7	SHEET: 11 of 11
NO. 1	DATE 04/22/15	UPDATE TO 5TH ED. (2014) FBC	BY JK	REVISIONS LFS UPDATE TO 8TH ED. (2023) FBC LFS ADD ADA THRESHOLD UPDATE TO 7TH ED (2020) FBC LFS UPDATE TO 6TH ED. (2017) FBC JK UPDATE TO 5TH ED. (2014) FBC JK	
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC	JK		
3	7/23/20	UPDATE TO 7TH ED (2020) FBC	LFS		
4	6/28/22	ADD ADA THRESHOLD	LFS		
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC	LFS		

PRODUCT: FIBERGLASS DOOR	PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS
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Documents Prepared By: Lyndon F. Schmidt
 P.E. No. 43409
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vero, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813



R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: FL-15180.7

Date: August 15, 2023

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Plastpro Inc. 5200 W. Century Blvd. Los Angeles, CA Phone 440.969.9773	Smooth / Wood Grain / White Wood Grain Rustic / Mahogany Series N Fiberglass Door Outswing - "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Plastpro Inc., based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone".
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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of drawing FL-15180.7 require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. See drawing FL-15180.7 for size and design pressure limitations.

Supporting Documents:

- | | | | |
|--|---|---|--|
| 1. Test Report No.
CTLA 924W
TEL 01393508
ETC 07-209-19303.0

ETC 08-209-20609.1
ETC 06-255-17412.0
ETC 05-255-16776.0

TEL 01311959 | Test Standard
TAS 201, 202, 203-94
TAS 201, 202, 203-94
ASTM D2843-99, ASTM D635-98
ASTM D1929-96
ASTM D638-03, G155-05a
ASTM E84-05
ASTM G26-95, D2843-99, D635-98,
D1929-96, D638-03
TAS 201, 202, 203-94 | Testing Laboratory
Certified Testing Laboratories
Testing Evaluation Lab., Inc.
ETC Laboratories

ETC Laboratories
ETC Laboratories
ETC Laboratories

Testing Evaluation Lab., Inc. | Signed by
Ramesh Patel, P.E.
William B. Shelton, P.E.
Ben Meunier

Gurjinder Dhami
Joe Doldan, P.E.
Joe Doldan, P.E.

William B. Shelton, P.E. |
| 2. Approval No.
FL-29465.3
22-1130.04 Miami-Dade NOA | Materials Testing
HP Polypropylene (ODL)
Saflex PVB Interlayer (Eastman Chemical Co.) | | |
| 3. Drawing No.
No. FL-15180.8 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 4. Calculations
Anchoring
ASTM E1300 Glass Load | Prepared by
RW Building Consultants, Inc. (#9813)
Lyndon F. Schmidt, P.E. | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 5. Quality Assurance
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Plastpro Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

Digitally signed by
Lyndon F Schmidt
Date: 2023.08.15
13:58:24 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by L. F. Schmidt on 8-15-23.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA