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Product Approval
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SECRETARY

FL #	FL15213-R4
Application Type	Revision
Code Version	2020
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	12/31/2021
Validated By	Ryan J. King, P.E. Validation Checklist - Hardcopy Received
Certificate of Independence	FL15213_R4_COI_(c)_Certificate_of_Independence.pdf

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
101/I.S.2	1997
101/I.S.2/NAFS	2002
ASTM E1886	2002
ASTM E1886	2005
ASTM E1996	2009
ASTM E1996	2002
ASTM E330	2002

Equivalence of Product Standards
Certified By

Florida Licensed Professional Engineer or Architect
[FL15213 R4 Equiv of Standards \(d\).pdf](#)

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

07/21/2020

Date Validated

08/25/2020

Date Pending FBC Approval

08/26/2020

Date Approved

10/13/2020

Summary of Products

Go to Page



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FL #	Model, Number or Name	Description
15213.1	a. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Single Door - Inswing/Outswing (X - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.1 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.1.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.1.pdf Created by Independent Third Party: Yes
15213.2	b. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Single Door with Sidelite utilizing "Snap Frame" Glazing - Inswing/Outswing (OX or XO - Configurations)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.2 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.2.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.2.pdf Created by Independent Third Party: Yes
15213.3	c. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Single Door with Sidelites utilizing "Snap Frame" Glazing - Inswing/Outswing (OXO - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.3 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.3.pdf Created by Independent Third Party: Yes
15213.4	d. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Single Door with Sidelite utilizing "Lip Lite" Glazing - Inswing/Outswing (OX or XO - Configurations)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.4 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.4.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.4.pdf Created by Independent Third Party: Yes
15213.5	e. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Single Door with Sidelites utilizing "Lip Lite" Glazing - Inswing/Outswing (OXO - Configuration)

	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.5 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.	Installation Instructions FL15213_R4_II (b) Inst 15213.5.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.5.pdf Created by Independent Third Party: Yes
15213.6	f. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Double Door - Inswing/Outswing (XX - Configuration)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.6 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.	Installation Instructions FL15213_R4_II (b) Inst 15213.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.6.pdf Created by Independent Third Party: Yes
15213.7	g. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Double Door with Sidelites utilizing "Snap Frame" Glazing - Inswing/Outswing (OXXO - Configuration)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.7 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.	Installation Instructions FL15213_R4_II (b) Inst 15213.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.7.pdf Created by Independent Third Party: Yes
15213.8	h. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Impact" Opaque Fiberglass Double Door with Sidelites utilizing "Lip Lite" Glazing - Inswing/Outswing (OXXO - Configuration)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15213.8 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.	Installation Instructions FL15213_R4_II (b) Inst 15213.8.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.8.pdf Created by Independent Third Party: Yes
15213.9	i. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Single Door utilizing "Snap Frame" Glazing - Inswing/Outswing (X - Configuration)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.9 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.	Installation Instructions FL15213_R4_II (b) Inst 15213.9.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.9.pdf Created by Independent Third Party: Yes
15213.10	j. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Single Door with Sidelite utilizing "Snap Frame" Glazing - Inswing/Outswing (OX or XO - Configurations)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.10 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.	Installation Instructions FL15213_R4_II (b) Inst 15213.10.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.10.pdf Created by Independent Third Party: Yes
15213.11	k. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Single Door with Sidelites utilizing "Snap Frame" Glazing - Inswing/Outswing (OXO - Configuration)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.11 for Design Pressure Ratings, any	Installation Instructions FL15213_R4_II (b) Inst 15213.11.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports

additional use limitations, installation instructions and product particulars.		FL15213 R4 AE (b) Eval 15213.11.pdf Created by Independent Third Party: Yes
15213.12	l. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Double Door utilizing "Snap Frame" Glazing - Inswing/Outswing (XX - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.12 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.12.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.12.pdf Created by Independent Third Party: Yes
15213.13	m. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Double Door with Sidelites utilizing "Snap Frame" Glazing - Inswing/Outswing (OXXO - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.13 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.13.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.13.pdf Created by Independent Third Party: Yes
15213.14	n. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Single Door utilizing "Lip Lite" Glazing - Inswing/Outswing (X - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.14 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.14.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.14.pdf Created by Independent Third Party: Yes
15213.15	o. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Single Door with Sidelite utilizing "Lip Lite" Glazing - Inswing/Outswing (OX or XO - Configurations)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.15 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.15.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.15.pdf Created by Independent Third Party: Yes
15213.16	p. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Single Door with Sidelites utilizing "Lip Lite" Glazing - Inswing/Outswing (OXO - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.16 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.16.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.16.pdf Created by Independent Third Party: Yes
15213.17	q. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Double Door utilizing "Lip Lite" Glazing - Inswing/Outswing (XX - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 15213.17 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213 R4 II (b) Inst 15213.17.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213 R4 AE (b) Eval 15213.17.pdf Created by Independent Third Party: Yes
15213.18	r. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	6'8 "Non-Impact" Glazed Fiberglass Double Door with Sidelites utilizing "Lip Lite" Glazing - Inswing/Outswing (OXXO - Configuration)

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: INST 15213.18 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213_R4_II (b) Inst 15213.18.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.18.pdf Created by Independent Third Party: Yes
15213.19	s. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	8'0 "Impact" Opaque Fiberglass Single Door - Inswing/Outswing (X - Configuration)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: INST 15213.19 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213_R4_II (b) Inst 15213.19.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.19.pdf Created by Independent Third Party: Yes
15213.20	t. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series N Fiberglass Door	8'0 "Impact" Opaque Fiberglass Single Door with Sidelite utilizing "Snap Frame" Glazing - Inswing/Outswing (OX or XO - Configurations)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: INST 15213.20 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL15213_R4_II (b) Inst 15213.20.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15213_R4_AE (b) Eval 15213.20.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



plastpro

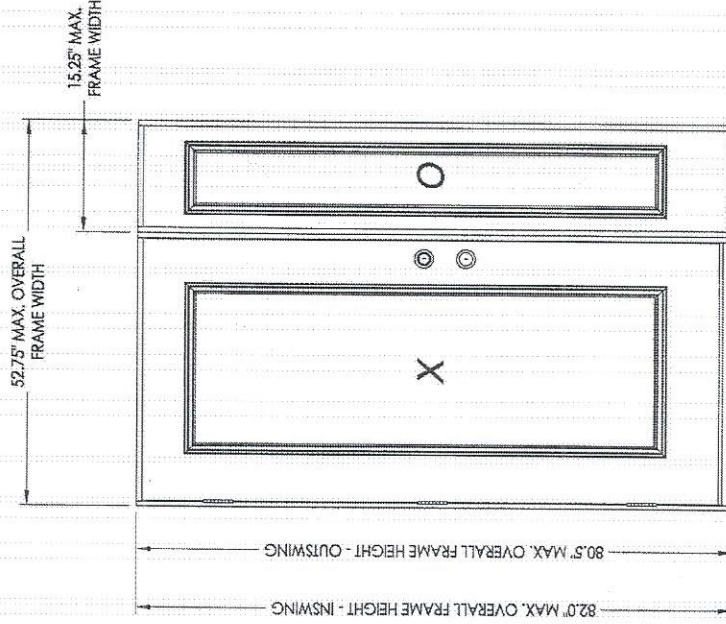
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

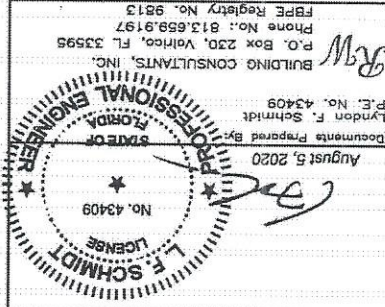
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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 elevation, design pressures, & general notes
2	Door panel details
3	Sidelite panel details
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck and frame anchoring - 2X buck masonry construction
8	Frame anchoring - 1X buck masonry construction
9	Bill of materials, glazing detail & components



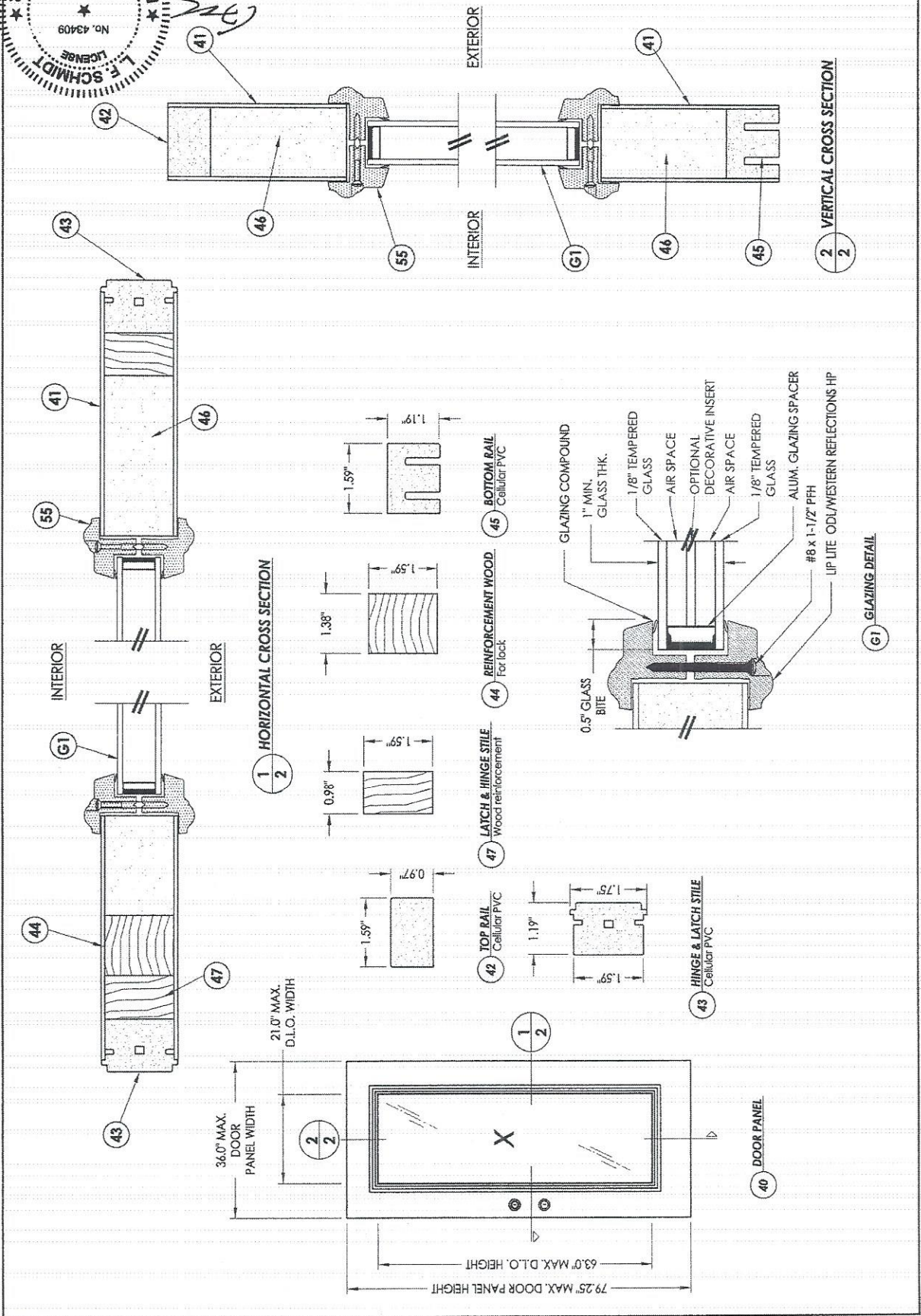
SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
INSWING	52.75" x 82.0"	21.0" x 63.0"	7.0" x 63.0"	G1	+48.0	-50.0
OUTSWING	52.75" x 80.5"	21.0" x 63.0"	7.0" x 63.0"		+50.0	-50.0

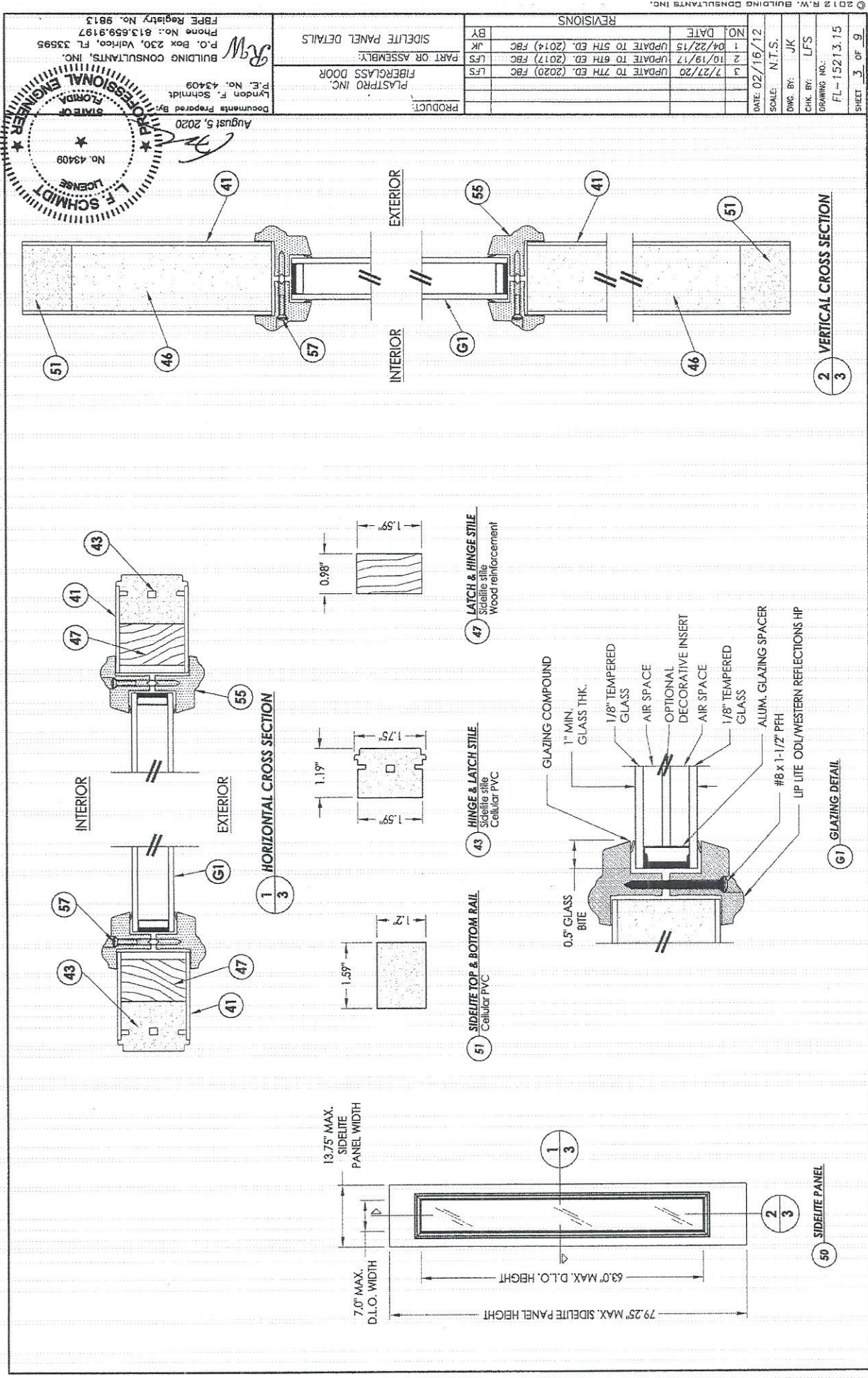


August 5, 2020
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Venice, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

REVISIONS	
NO.	DATE
1	04/22/15
2	10/18/17
3	7/27/20
4	10/18/20
5	10/18/20
6	10/18/20
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 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vero Beach, FL 33595
 Phone No.: 813.659.8197
 FBPE Registry No. 9813

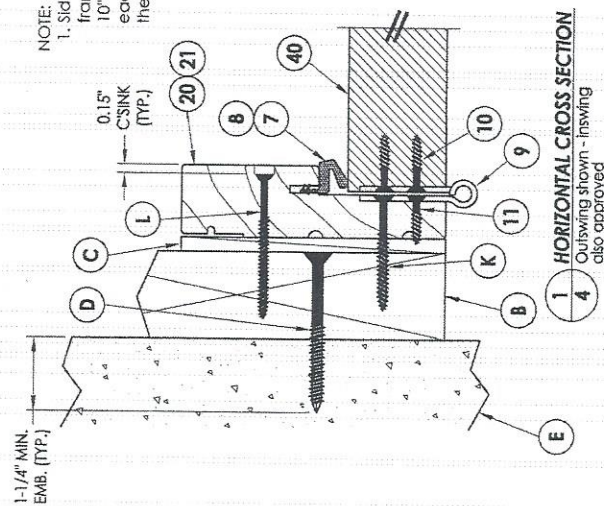
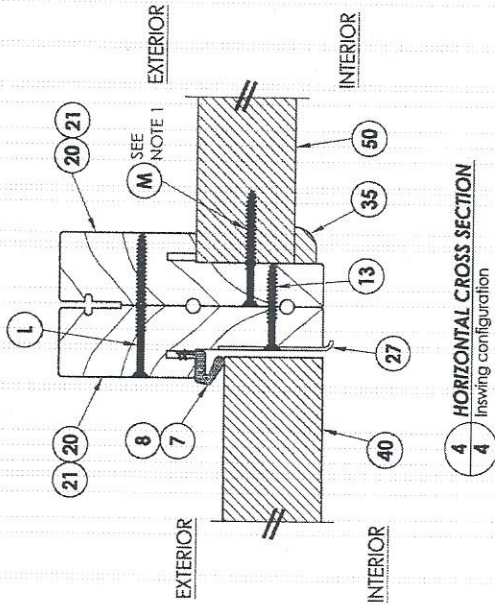
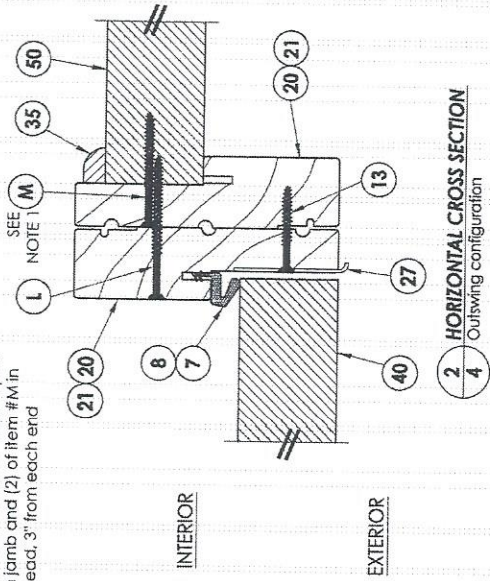
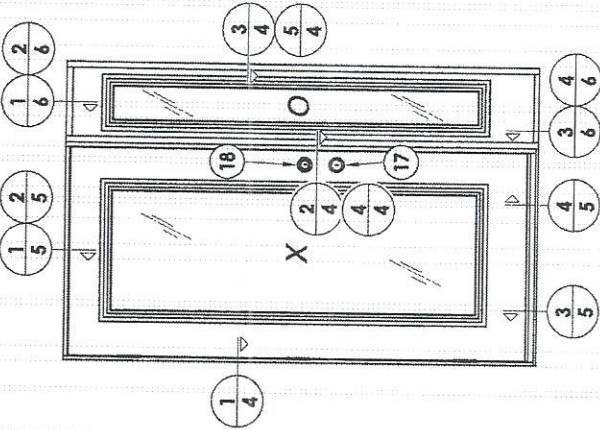
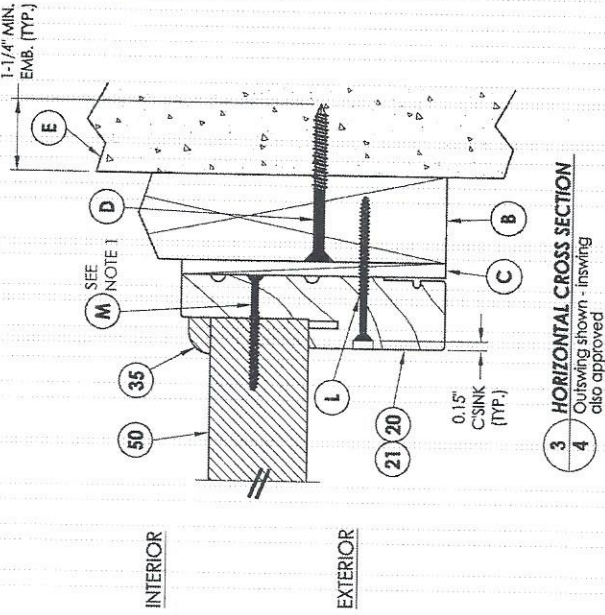
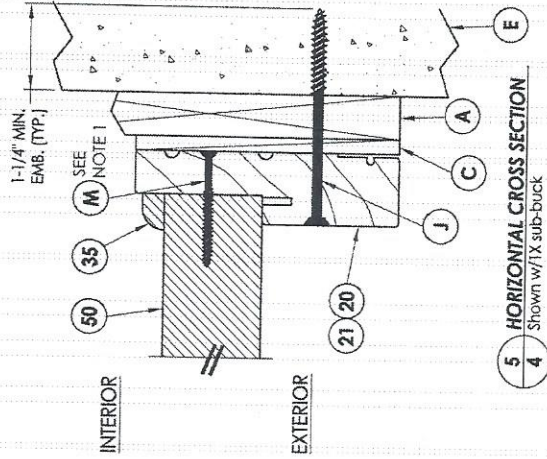
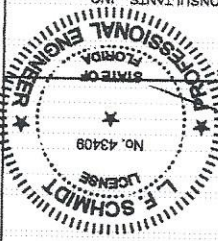




DATE: 02/16/21		SCALE: N.T.S.	DWG. BY: JK	CHK: LFS	DRAWING NO.: FL-15213.15	SHEET 4 of 9
NO.	DATE	DESCRIPTION	BY	CHK	DATE	
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK	LFS		
2	10/15/17	UPDATE TO 6TH ED. (2017) FBC	LFS			
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS			
REVISIONS						
BY						

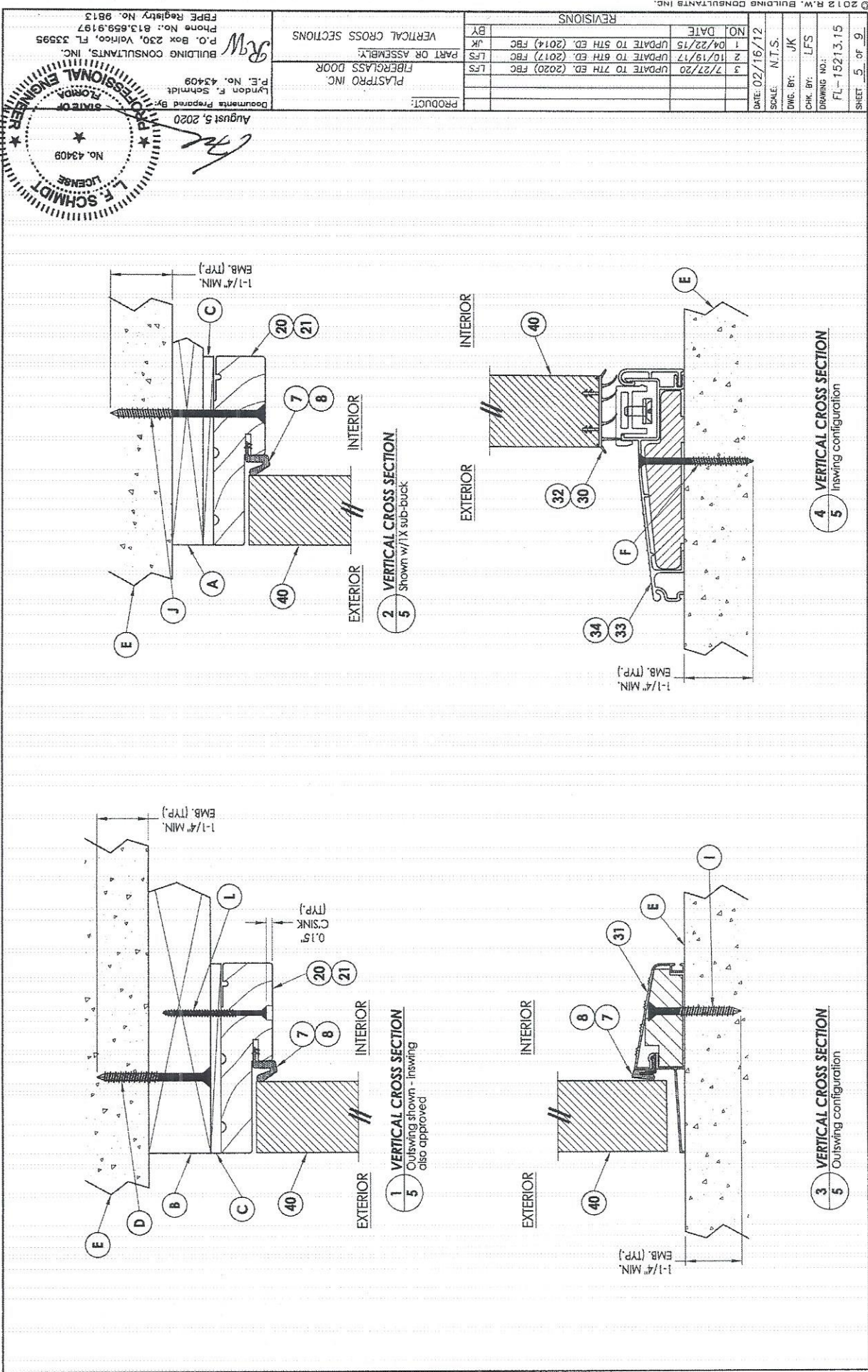
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

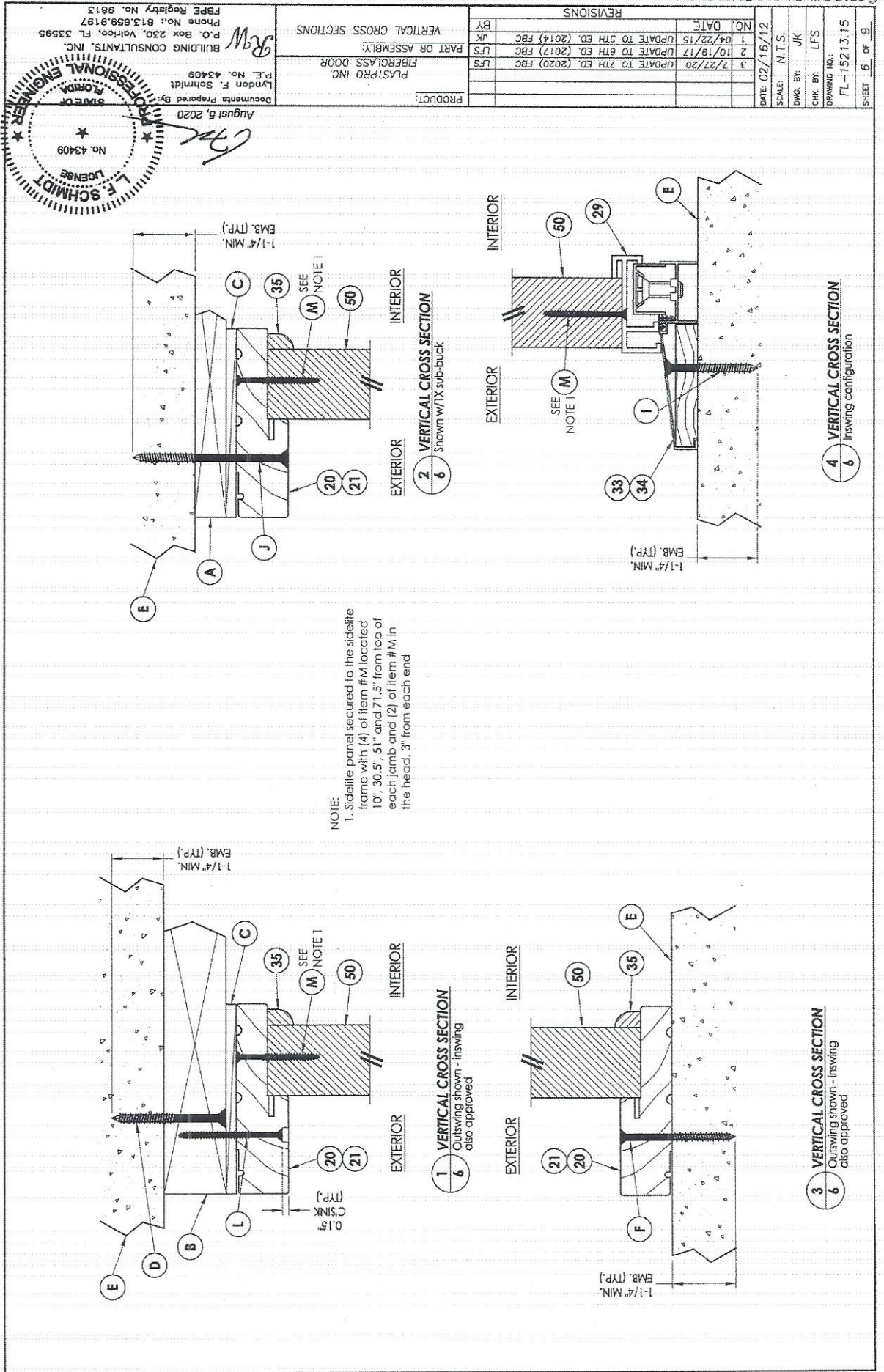
August 5, 2020
Documents Prepared By:
Lynden F. Schmidt
P.E. No. 43409
Rw
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.1917
FBPE Registry No. 9813



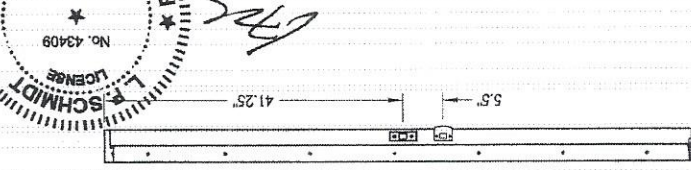
NOTE:

1. Sidelite panel secured to the sidelite frame with (4) of item #M located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #M in the head, 3" from each end

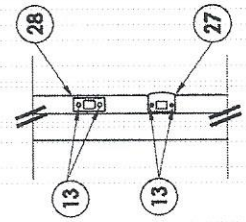




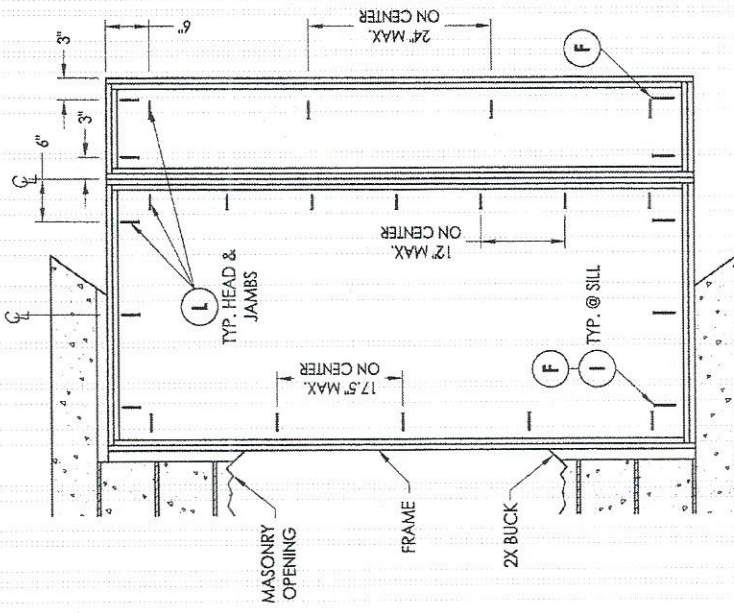
 PROFESSIONAL ENGINEER STATE OF FLORIDA No. 12345 Exp. 12/31/2024		Documents Prepared By: _____ London F. Schmidt P.E. No. 45409		BUILDING CONSULTANTS, INC. P.O. Box 230, Vero Beach, FL 33595 Phone No.: 813.659.9197 FBP# Registry No. 9815	
PRODUCT: PLASTIC DOOR FIBERGLASS DOOR PART OR ASSEMBLY		BUCK AND FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION		REVISIONS	
NO.	DATE	BY	DATE	BY	DATE
1	04/22/15	JK	UPDATE TO 5TH ED. (2014)	FBC	JK
2	10/19/17	LFS	UPDATE TO 6TH ED. (2017)	FBC	LFS
3	7/27/20	LFS	UPDATE TO 7TH ED. (2020)	FBC	LFS
DATE: 02/16/12		SCALE: N.T.S.		DRAWING NO.: FL-15213.15	
DWG. BY: JK		CHK. BY: LFS		SHEET 7 OF 9	



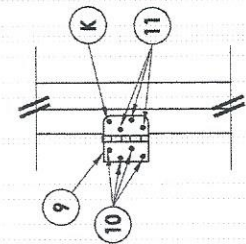
STRIKE 1A148



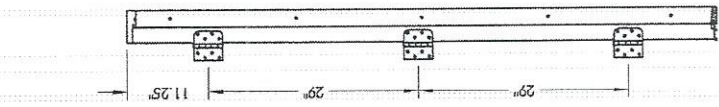
LATCH & DEADBOLT DETAIL



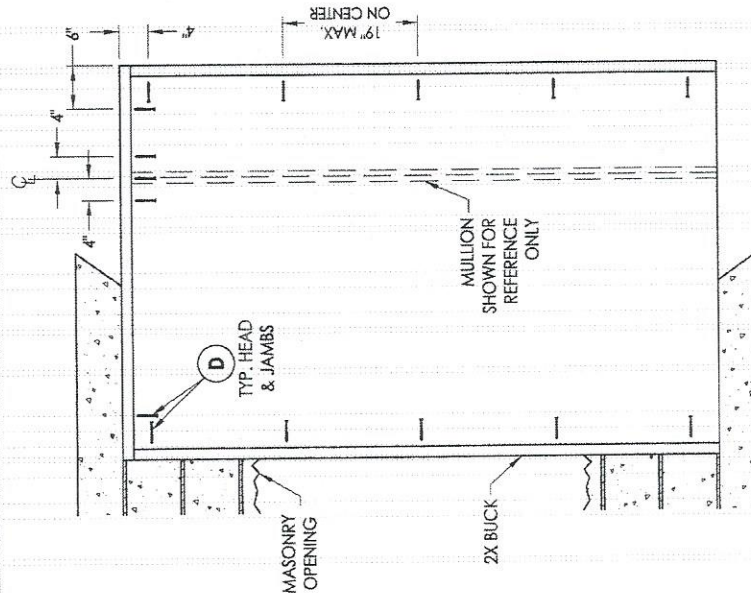
FRAME ANCHORING
Masonry 2X buck construction



HINGE DETAIL



HINGE JAMB



BUCK ANCHORING

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 TAPCON®	1/4"	1-1/4"	2"	4"
DEWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

- 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.

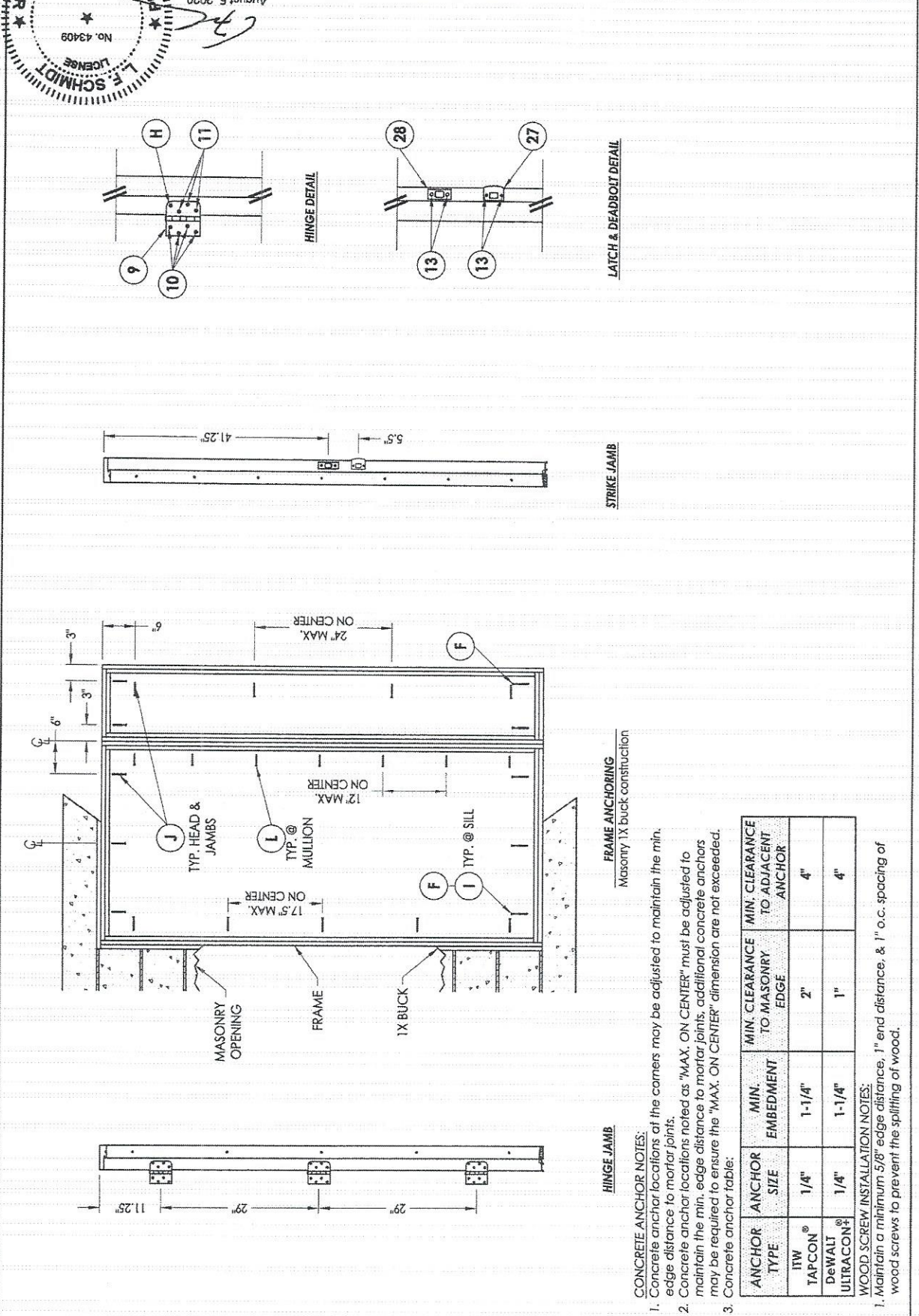
PROFESSIONAL ENGINEER
 L.F. SCHMIDT
 No. 43409
 STATE OF FLORIDA
 Documents Prepared By: Lyndon F. Schmidt
 P.E. No. 43409
 BUILDING CONSULTANTS, INC.
 P.O. Box 250, Vero Beach, FL 33595
 Phone No.: 813.659.8197
 FBPE Registry No. 9813

REVISIONS

NO.	DATE	DESCRIPTION
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
2	10/19/17	UPDATE TO 6TH ED. (2017) FBC
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 02/16/22
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO: FL-15213.15
 SHEET: 8 OF 9

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



CONCRETE ANCHOR NOTES:

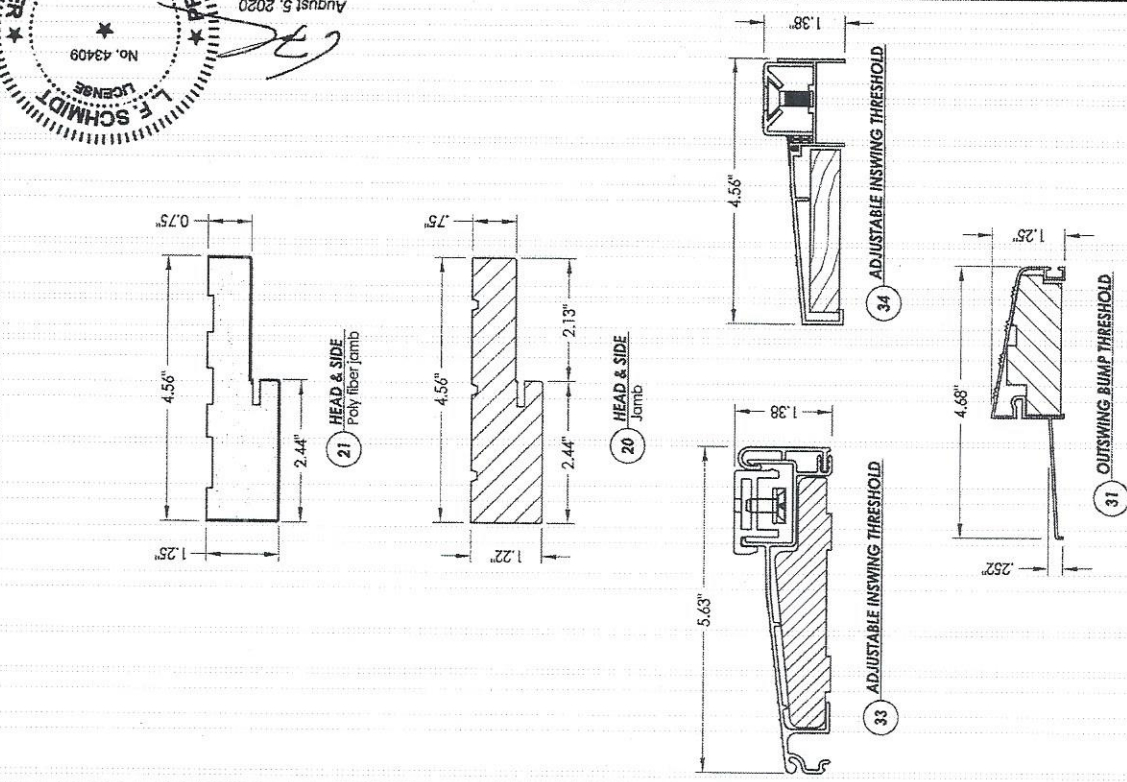
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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 TAPCON®	1/4"	1-1/4"	2"	4"
DEWALT 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.

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" PFH 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
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
7	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
8	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
13	#8 X 1-1/2" PFH WOOD SCREW	STEEL
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL
20	FINGER JOINTED PINE FRAME: HEAD & HINGE JAMBS	WOOD
21	POLYFIBER JAMB	COMP. / VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	SIDELITE SPACER	PVC
30	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
31	OUTSWING BUMP THRESHOLD	ALUM.
32	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	PVC
33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DIP	ALUM. / WOOD
35	SHOE MOULD 5/8" X 3/8"	WOOD
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	
41	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
42	TOP RAIL	CELLULAR/PVC
43	LATCH & HINGE STILE	CELLULAR/PVC
44	REINFORCEMENT WOOD FOR LOCKS (20" LONG)	WOOD
45	BOTTOM RAIL	CELLULAR/PVC
46	POLYURETHANE FOAM BY NAN YA	WOOD
47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	POLYURETHANE
49	GLAZING COMPOUND	WOOD
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	SILICONE
51	SIDELITE TOP & BOTTOM RAIL BY NAN YA	SILICONE
55	LIP LITE ODL/WESTERN REFLECTIONS HP	CELLULAR/PVC
56	ALUM. GLAZING SPACER	POLYPROPYLENE
57	#8 x 1-1/2" PFH LITE FRAME SCREW	ALUM.



August 5, 2020

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

L.F. SCHMIDT
PROFESSIONAL ENGINEER
FLORIDA
No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Vero Beach, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY

BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

NO.	DATE	REVISIONS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
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DATE: 02/16/12
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DWG. BY: JK
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DRAWING NO.: FL-15213.15
SHEET 9 OF 9