



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

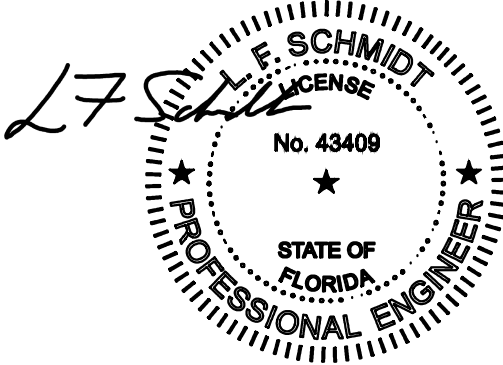
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 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 is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. 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.
5. For 2x stud 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 meet water infiltration requirements for "HVHZ".
8. Inswing configurations do not meet the water infiltration requirements for the "HVHZ". Inswing units shall 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.

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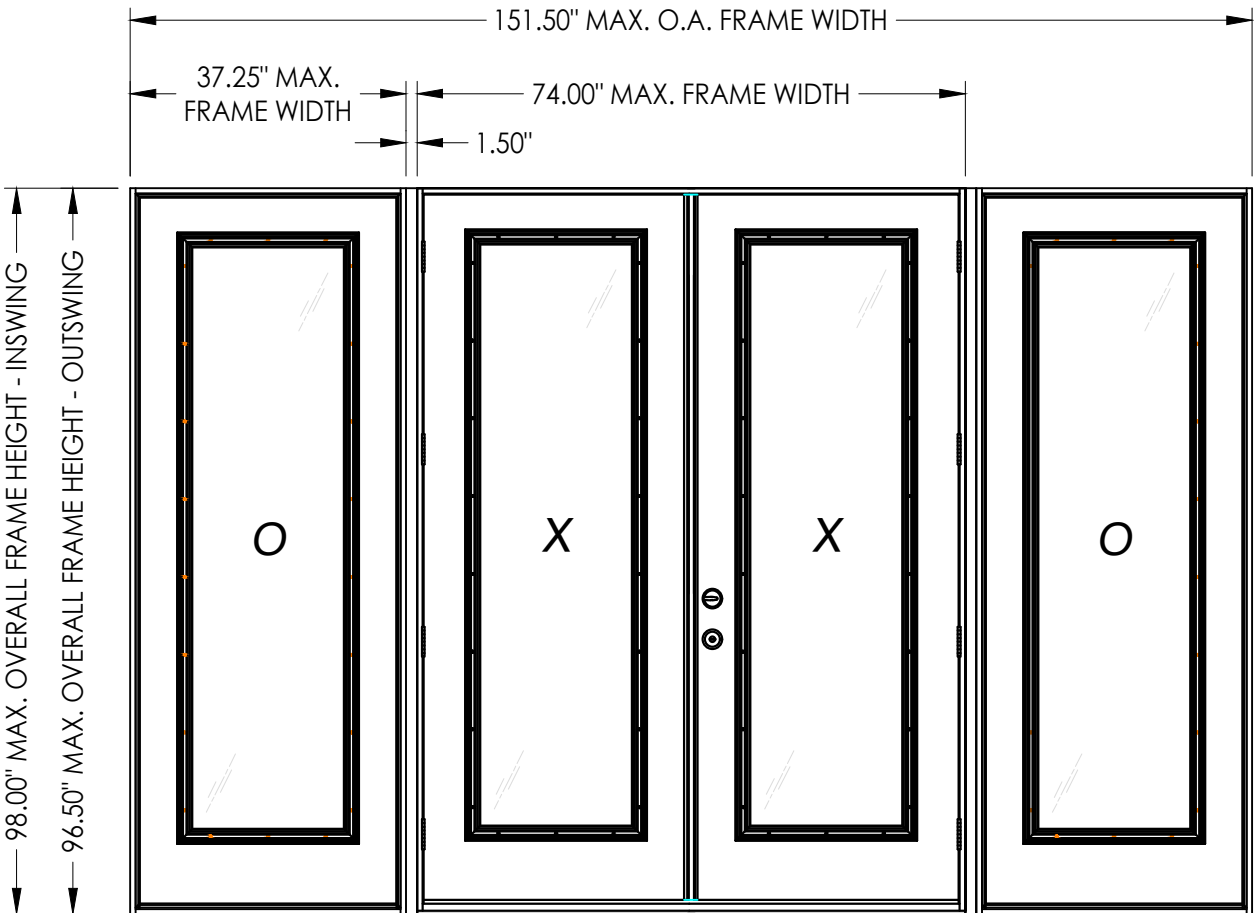
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details and glazing detail
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections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



Digitally signed by Lyndon F Schmidt
Date: 2023.08.14 13:50:27 -04'00'

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



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
151.50" X 98.0"	21.0" X 79.00"	G1	+47.0	-47.0

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

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

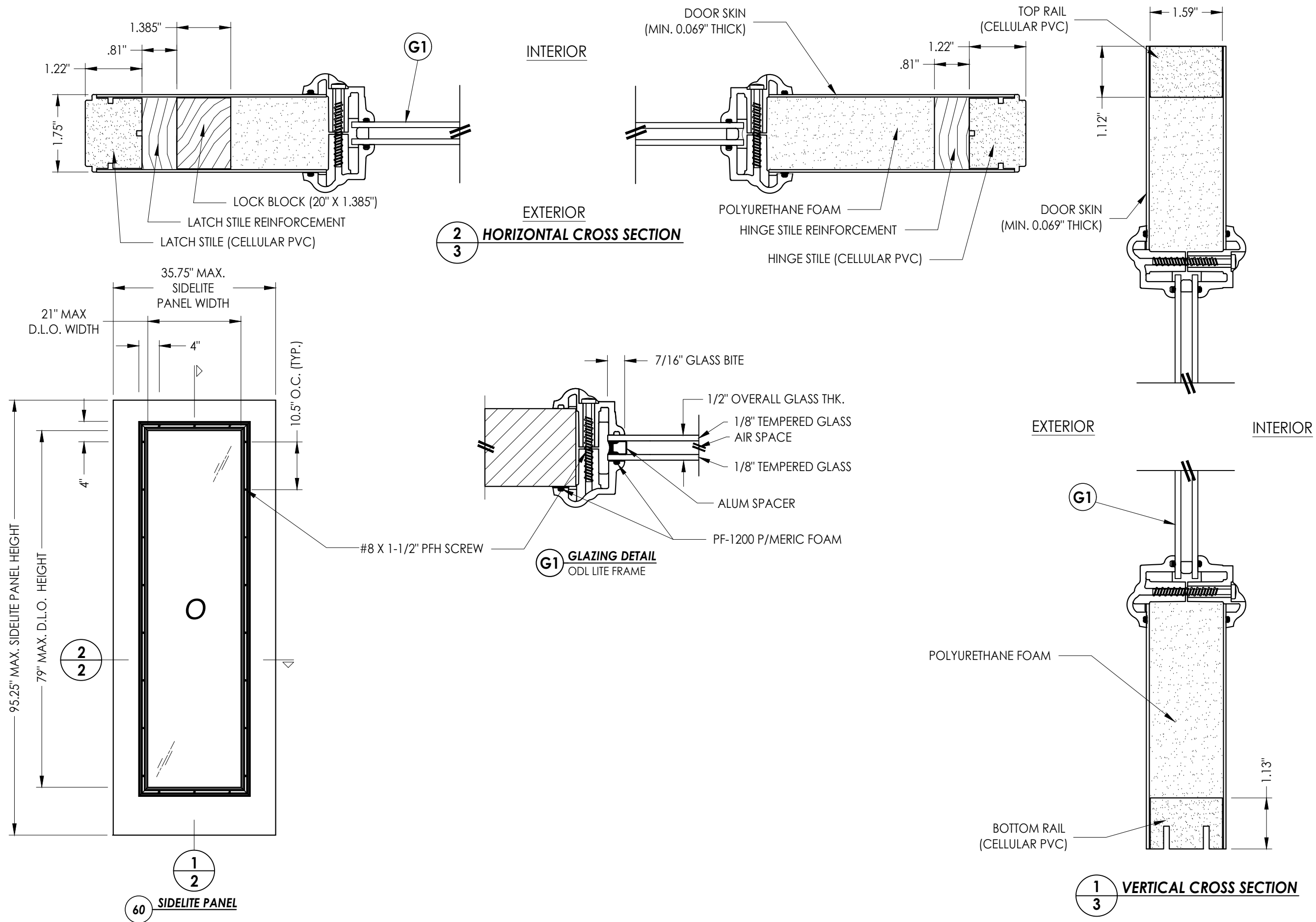
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 02/20/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15220.15
SHEET 1 OF 12

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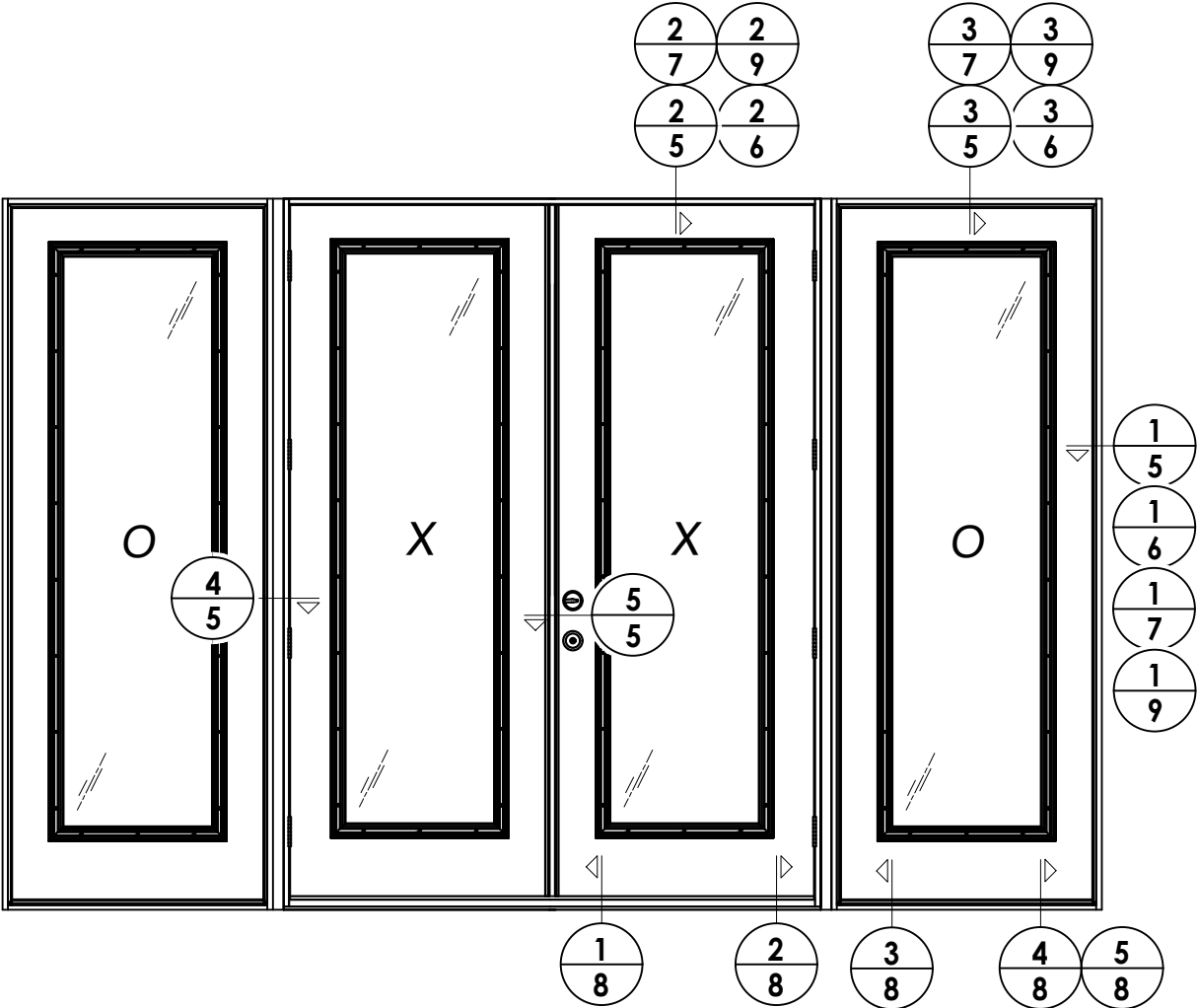
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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FBPE Registry No. 9813

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DATE: 02/20/12		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		PLASTPRO INC. FIBERGLASS DOOR		Lyndon F. Schmidt P.E. No. 43409	
DWG. BY: JK		PART OR ASSEMBLY:		<	

1. Spacing for item K: 6" from each end and at centerline (3 total).
2. Sidelite assembly screws located 6" from top and bottom then 8 more equally spaced (10 total).



4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE	REVISIONS			

DATE:	02/20/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15220.15
SHEET	<u>5</u> OF <u>12</u>

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

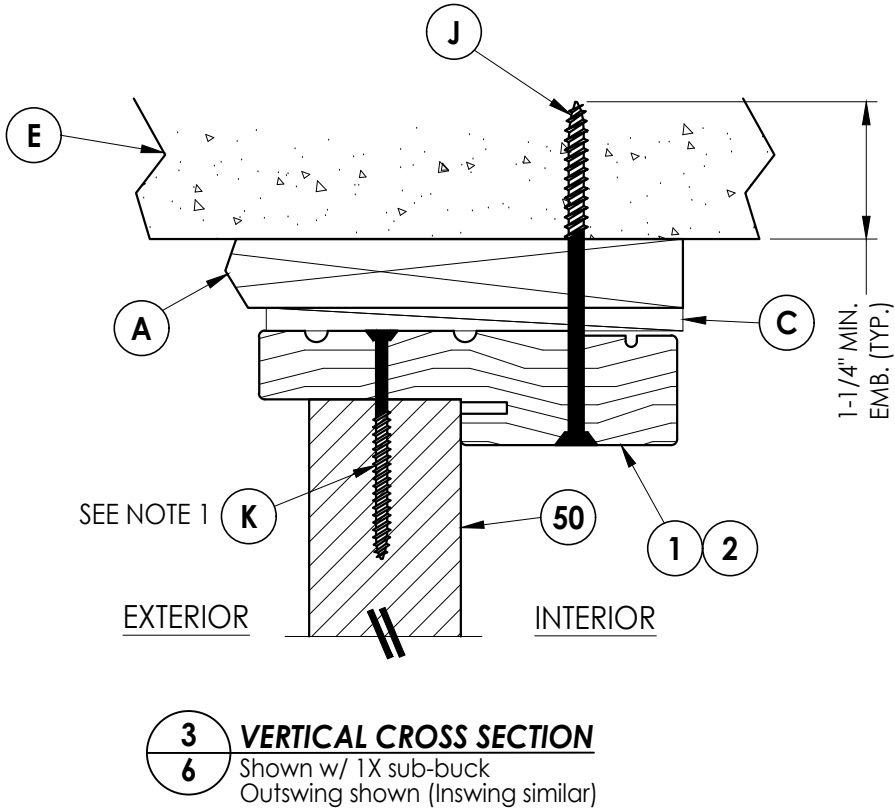
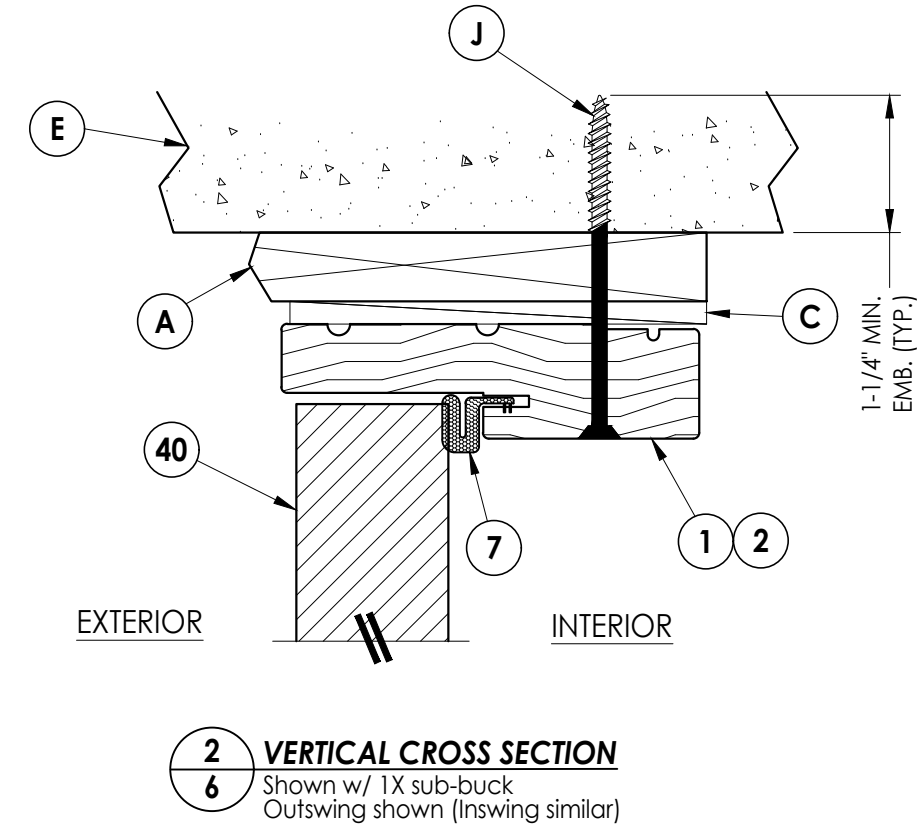
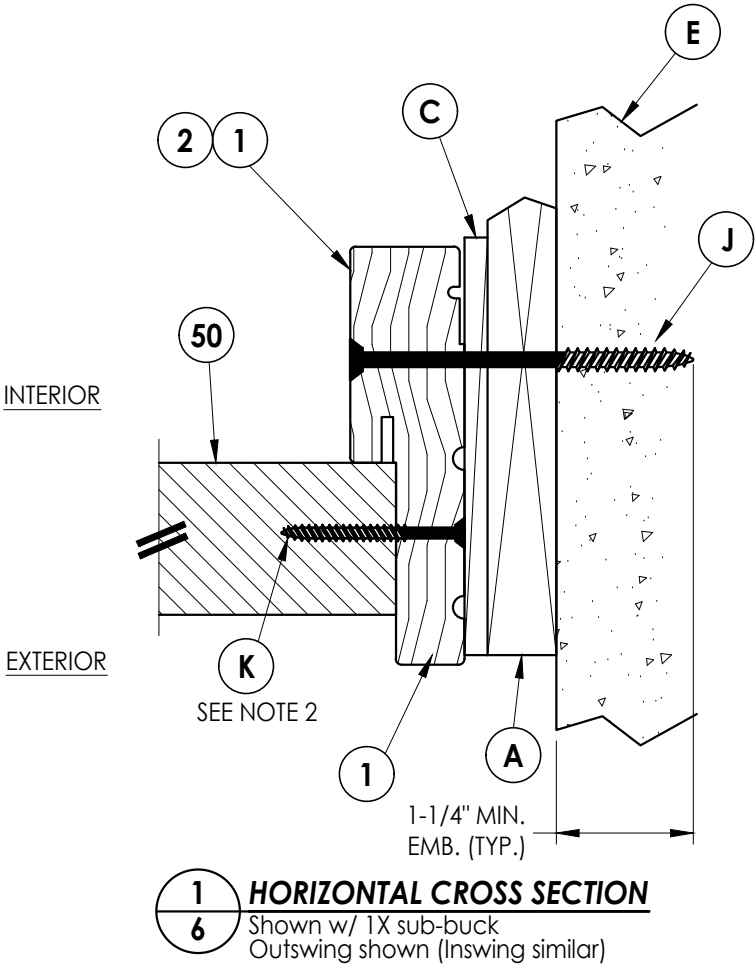
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NOTES:

- 1. Spacing for item K: 6" from each end and at centerline (3 total).
- 2. Sidelite assembly screws located 6" from top and bottom then 8 more equally spaced (10 total).



Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		PLASTPRO INC.		FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL		CROSS SECTIONS (1X BUCK)	
DATE:		02/20/12		SCALE: N.T.S.	
DWG. BY:		JK		CHK. BY: LFS	
DRAWING NO.:		FL-15220.15		SHEET 6 OF 12	
NO.		DATE		REVISIONS	
4		8/14/23		UPDATE TO 8TH ED. (2023) FBC	
3		7/27/20		UPDATE TO 7TH ED (2020) FBC	
2		08/02/17		UPDATE TO 6TH ED. (2017) FBC	
1		04/22/15		UPDATE TO 5TH ED. (2014) FBC	
NO.		DATE		REVISIONS	
DATE:		02/20/12		SCALE: N.T.S.	
DWG. BY:		JK		CHK. BY: LFS	
DRAWING NO.:		FL-15220.15		SHEET 6 OF 12	

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 Registry No. 9813



1 7 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing shown (Inswing similar)

1-1/4" MIN.
EMB. (TYP.)



2 7 VERTICAL CROSS SECTION

Shown Direct to Masonry
Outswing shown (Inswing similar)



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

50

1-1/4" MIN.
EMB. (TYP.)

1-1/4" MIN.
EMB. (TYP.)

NOTES:

1. Spacing for item K: 6" from each end and at centerline (3 total).
2. Sidelite assembly screws located 6" from top and bottom then 8 more equally spaced (10 total).

[illegible]

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY:

DRAWING NO.:
FL-15220.15

SHEET 7 OF 12

Documents Prepared By:

Lyndon F. Schmidt

604-chn

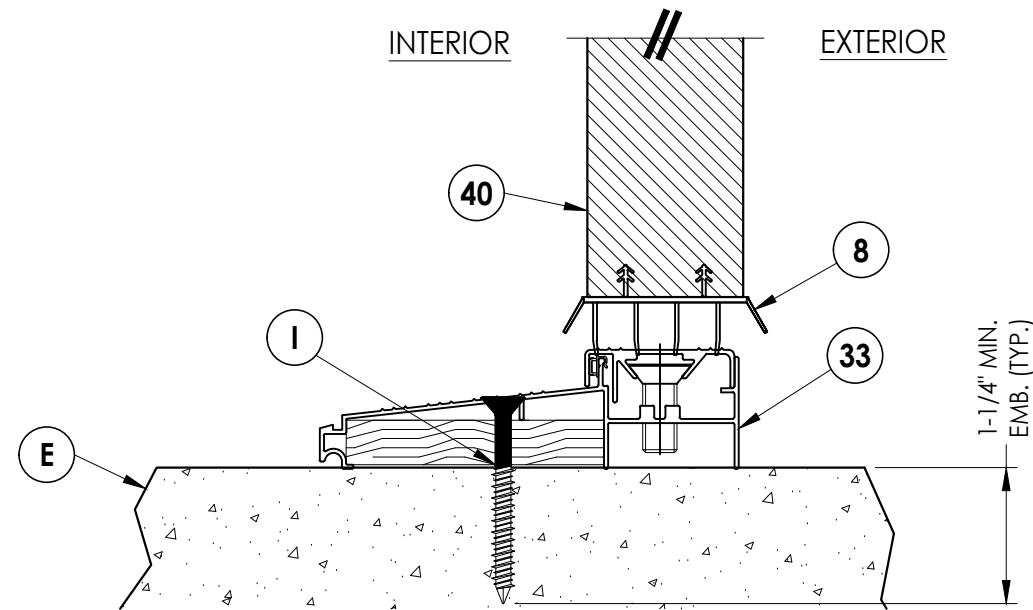
CONTACT: PLASTPRO INC.
FIBERGLASS DOORS

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

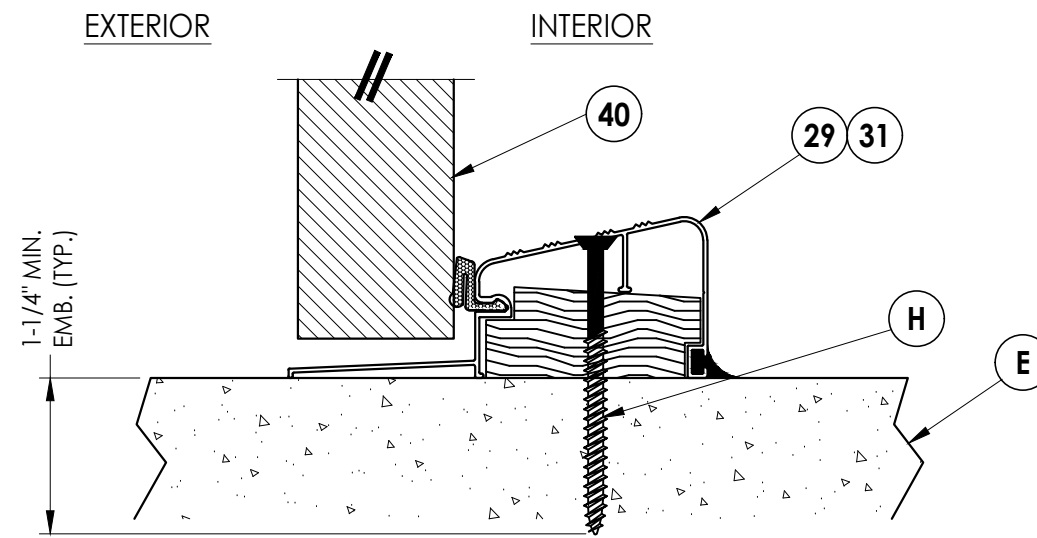
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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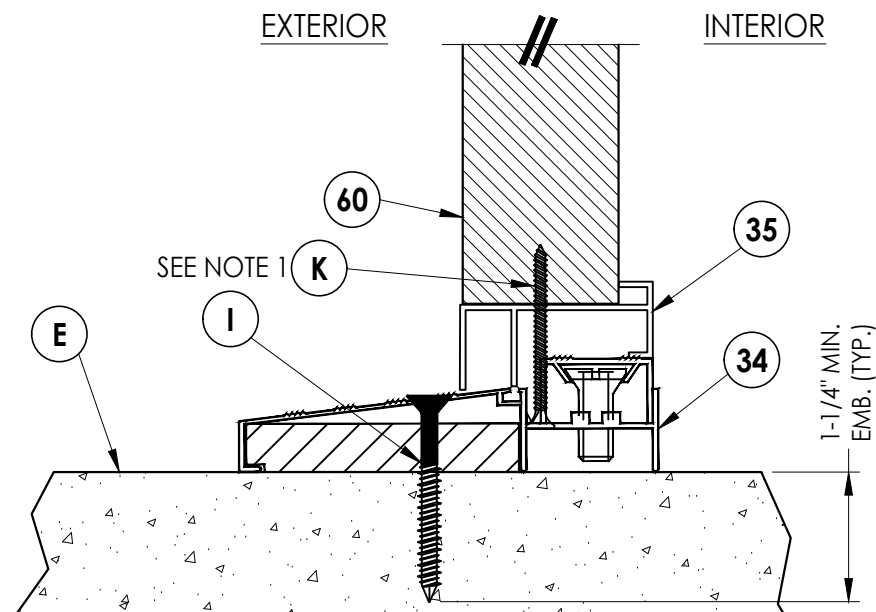
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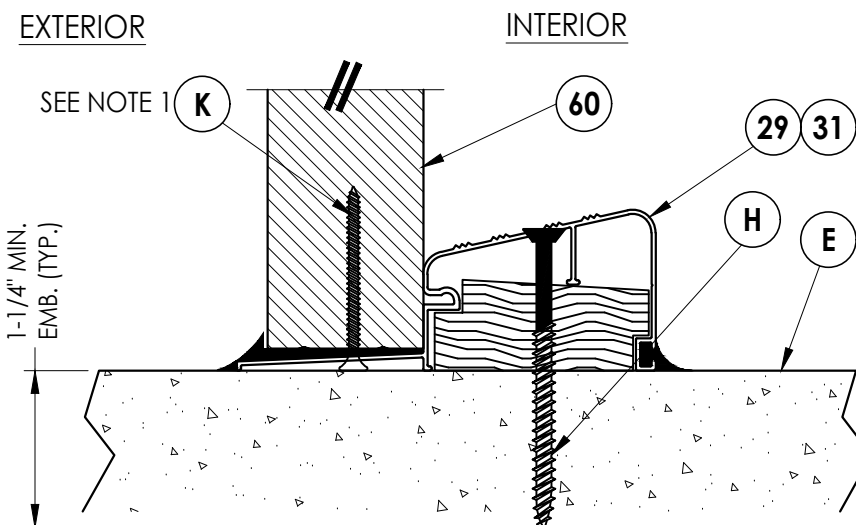
1 8 **VERTICAL CROSS SECTION** Outswing configuration



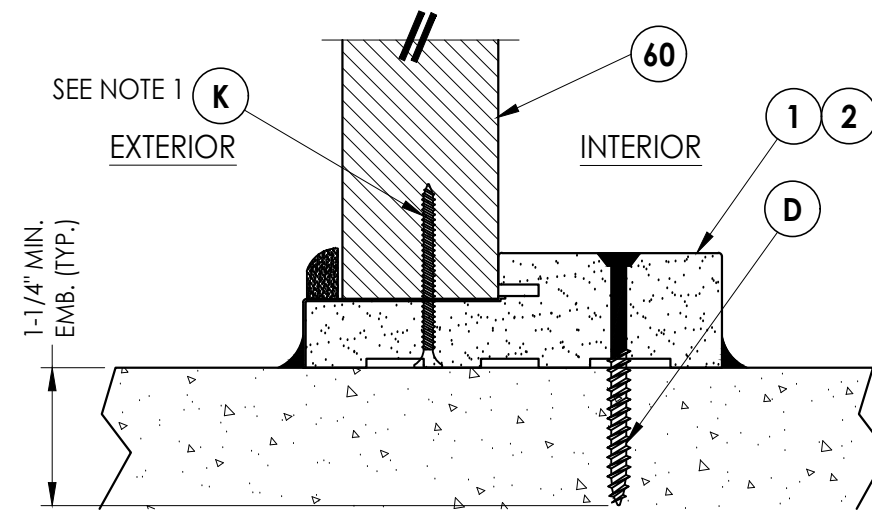
2 VERTICAL CROSS SECTION



3 **VERTICAL CROSS SECTION**
8 Inswing configuration



4 **VERTICAL CROSS SECTION**
8 Outswing configuration



5 **VERTICAL CROSS SECTION**
8 Inswing configuration

NOTE:

1. Spacing for item K: 6" from each end and at centerline (3 total).

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
2	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
NO.	DATE			BY			
				REVISIONS			

DATE: 02/20/12

SCALE: N.T.S.

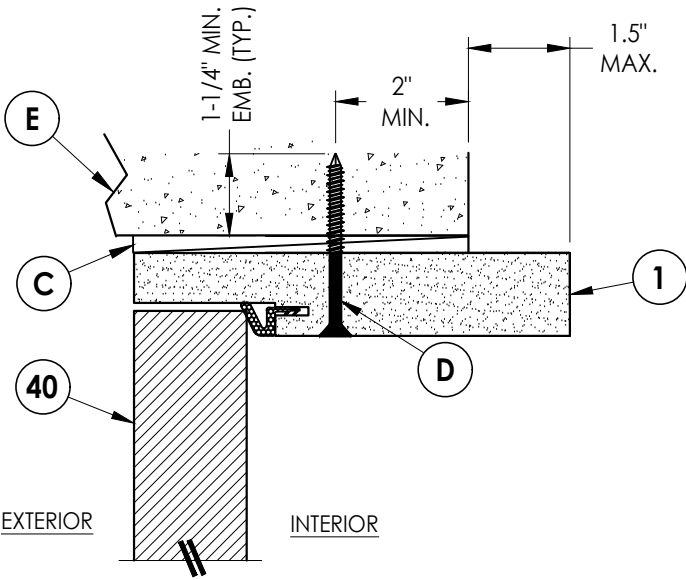
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CHK. BY: *LFS*

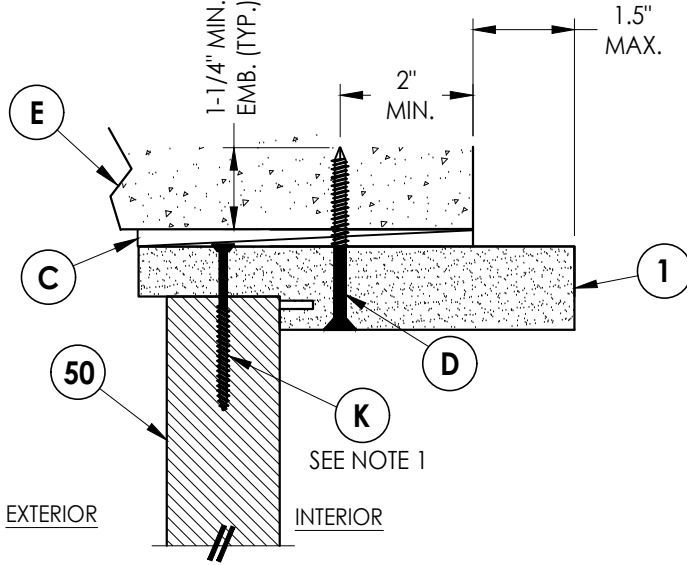
DRAWING NO.:

FL-15220.15

SHEET 8 OF 12



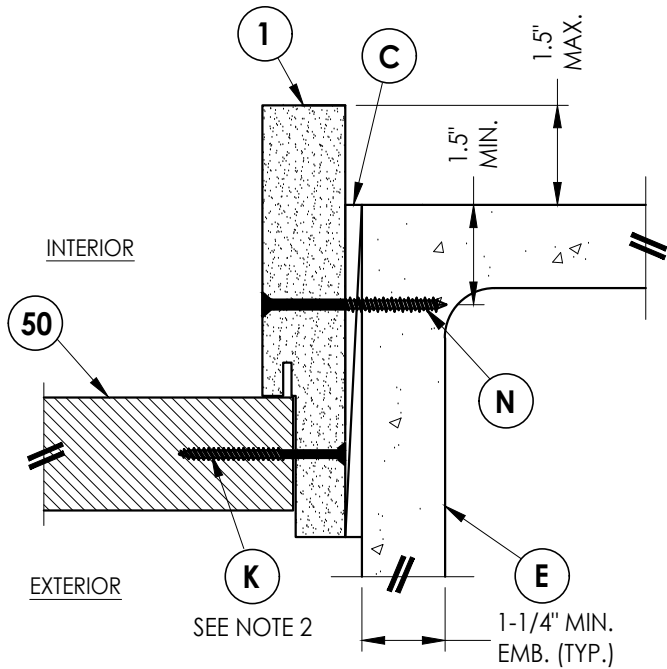
2 VERTICAL CROSS SECTION
9 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



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

NOTES:

1. Spacing for item K: 6" from each end and at centerline (3 total).
2. Sidelite assembly screws located 6" from top and bottom then 8 more equally spaced (10 total).

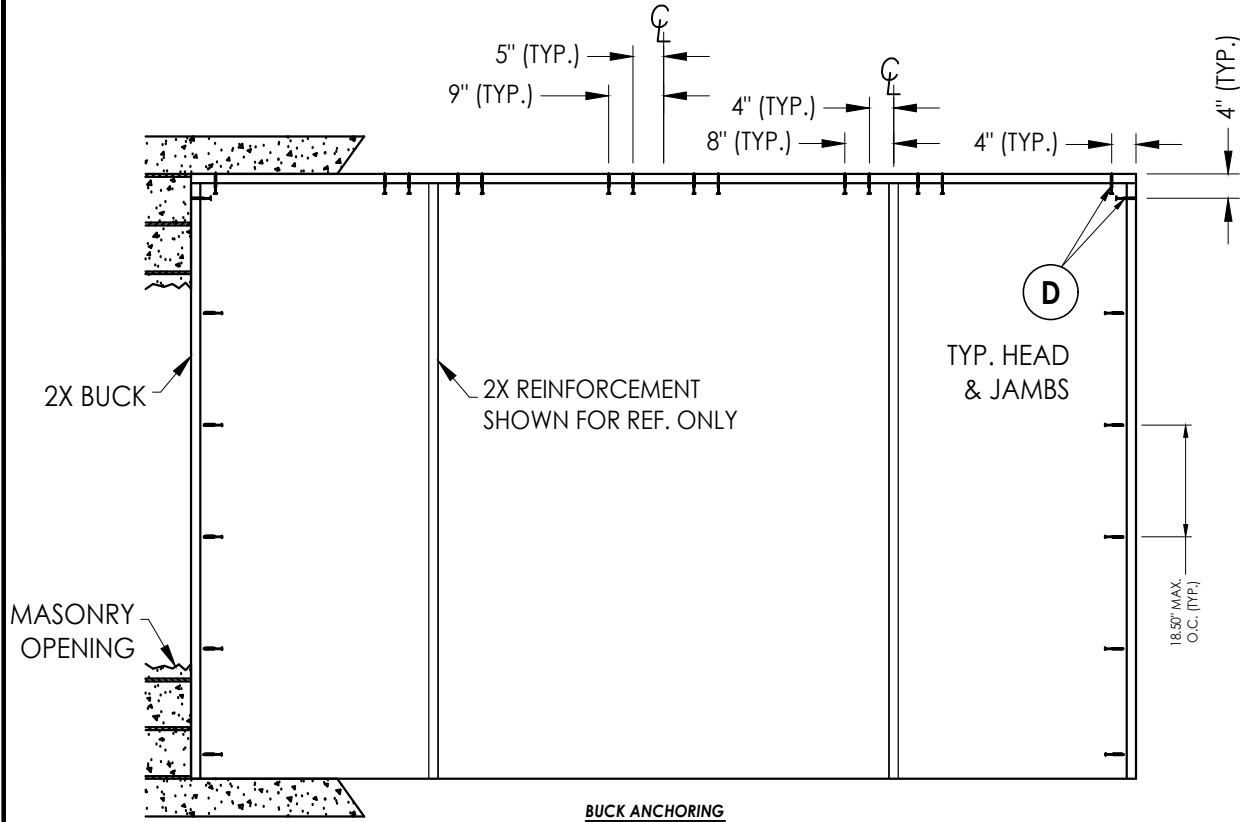


1 9 **HORIZONTAL CROSS SECTION**

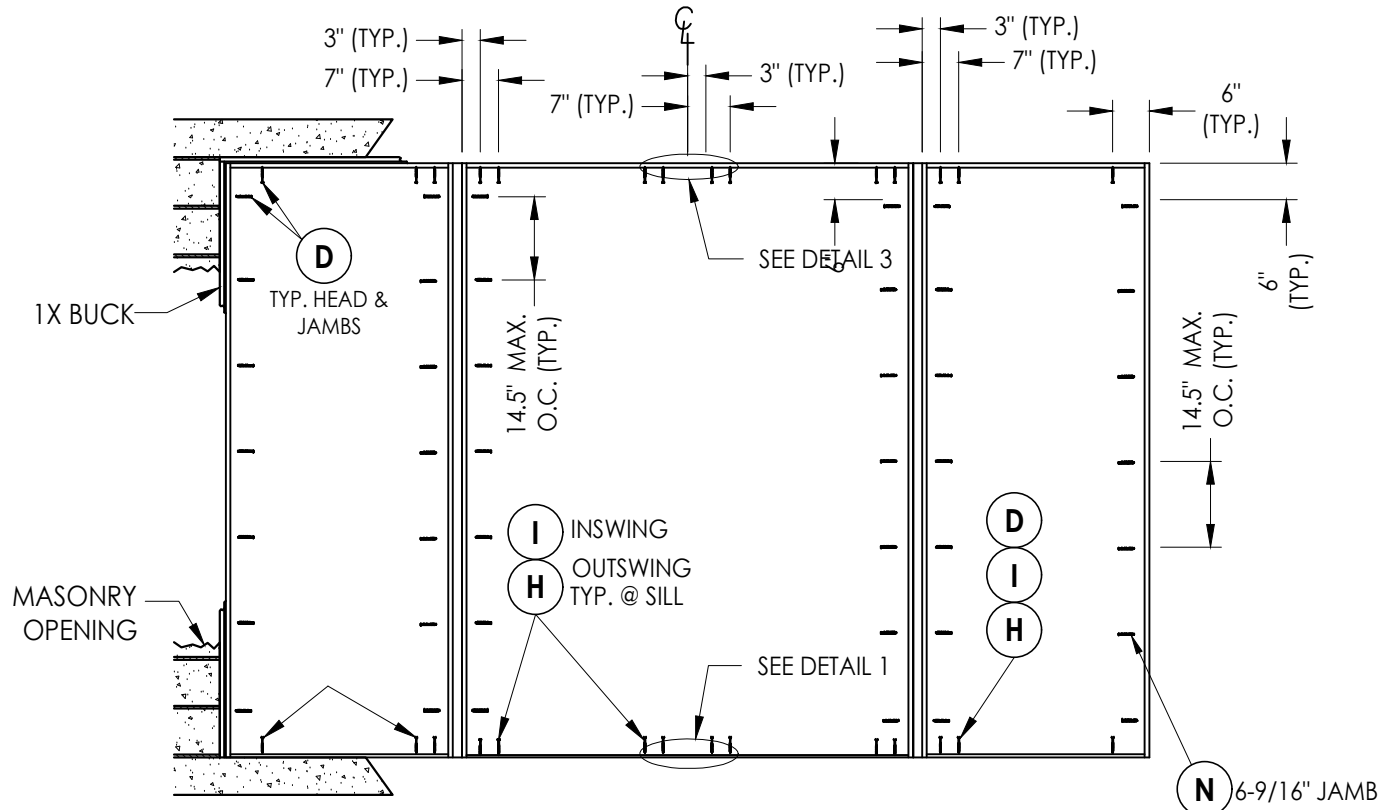
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY:		HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	
		4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
		3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
		2	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
		1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
		NO.	DATE			BY	
							REVISIONS
DATE: 02/20/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15220.15							
SHEET 9 OF 12							

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BUCK ANCHORING



FRAME ANCHORING
Masonry 1X buck construction

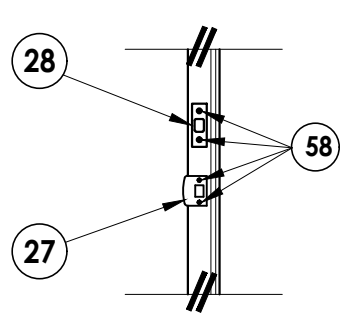
CONCRETE ANCHOR NOTES:

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:

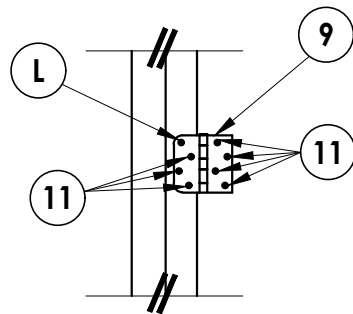
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

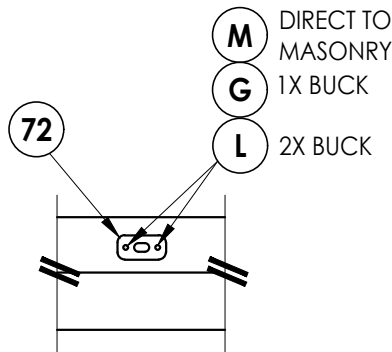
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH & DEAD BOLT DETAIL

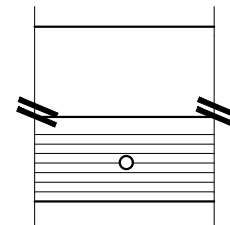


HINGE DETAIL

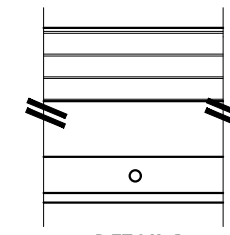


DETAIL 2

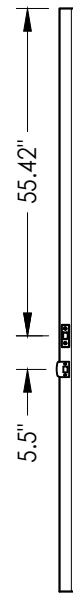
Attach astragal throw bolt strike plate to frame as shown



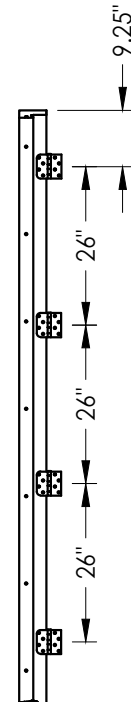
DETAIL 1
Astragal throw bolts at the threshold (Outswing)



DETAIL 1
Astragal throw bolts at the threshold (Inswing)



ASTRAGAL STRIKE JAMB



HINGE JAMB

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

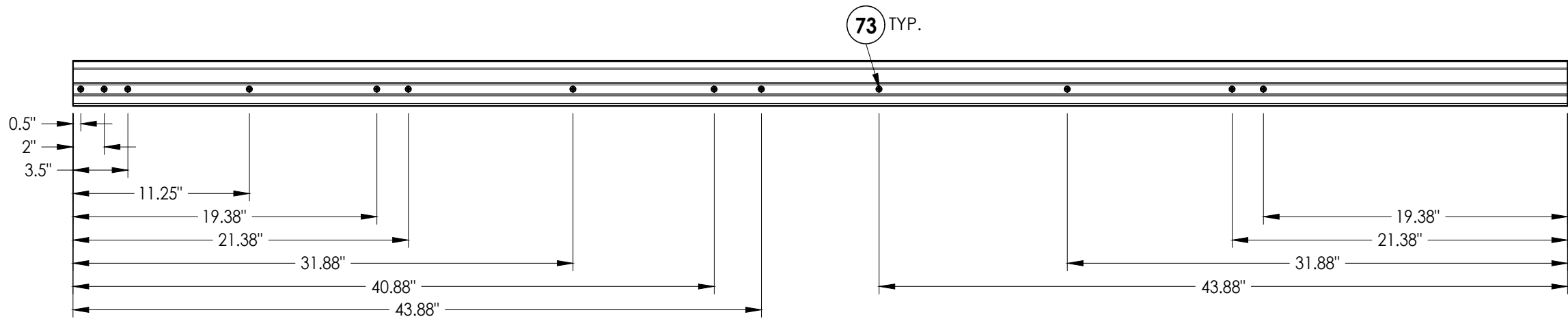
DRAWING NO.:

FL-15220.15

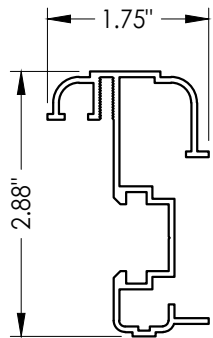
SHEET 10 OF 12

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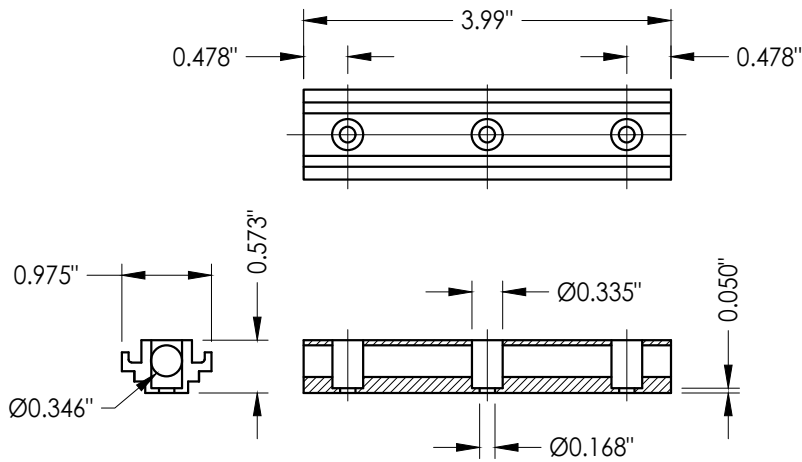
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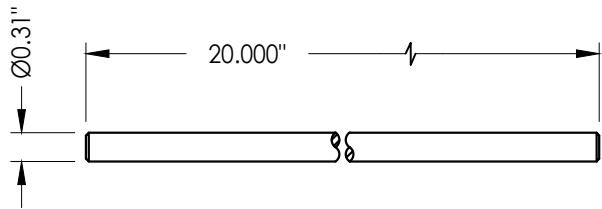
ASTRAGAL SCREW LOCATIONS



71 ASTRAGAL
DLP



74 CONCEALED STIFFENER



77 SLIDE BOLT ROD
Typ. top & bottom
of astragal
top through 1.98"
bottom through 1.98"

NO.		DATE	REVISIONS			
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
2	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
				BY		

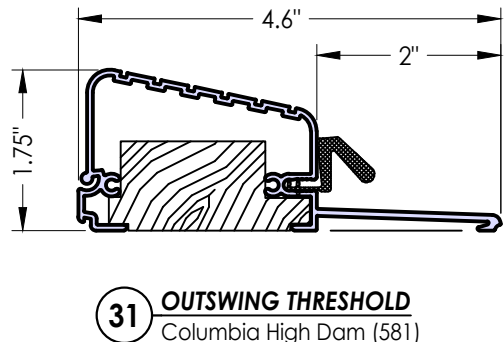
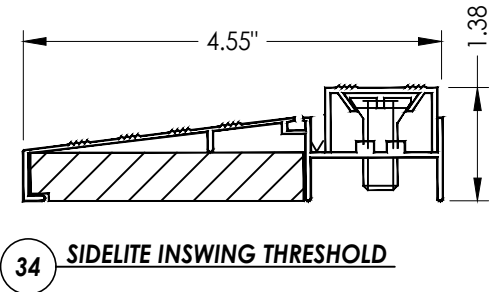
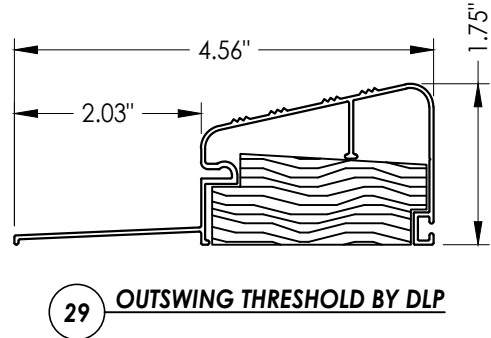
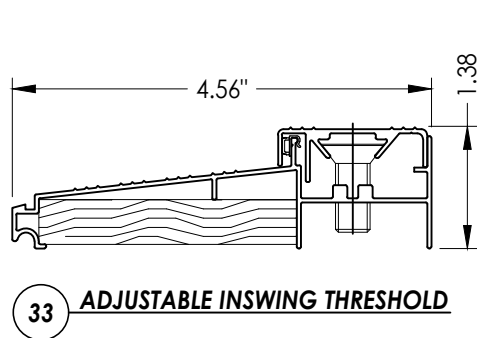
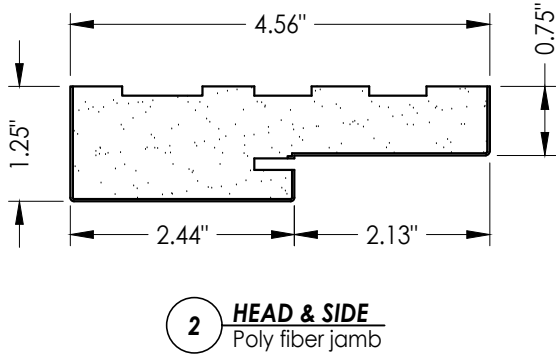
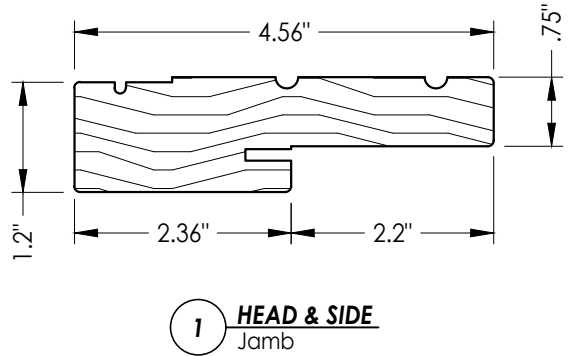
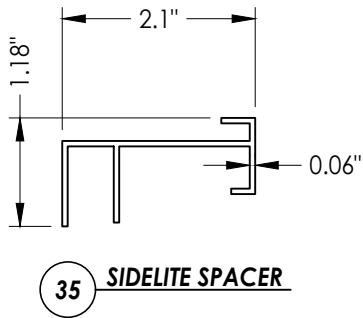
DATE:	02/20/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15220.15
SHEET	11 OF 12

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL DETAILS

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

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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" 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
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
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP. / VINYL
2	FINGER JOINTED PINE FRAME	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	OUTSWING THRESHOLD BY DLP	ALUM/WOOD
31	OUTSWING THRESHOLD BY DLP	ALUM/WOOD
33	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM/WOOD
34	INSWING SIDELITE ALUMINUM THRESHOLD BY DLP	ALUM/WOOD
35	SIDELITE SPACER	PVC
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
58	#8 X 2" PFH WOOD SCREW	STEEL
60	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
71	ASTRAGAL BY DLP (6063-T5 ALUMINUM)	ALUM.
72	ASTRAGAL STRIKE PLATE	STEEL
73	#8 X 2" PH SCREW	STEEL
74	CONCEALED STIFFENER BY PLASTPRO (6063-T6 ALUMINUM)	ALUM.
77	SLIDE BOLT ROD	STEEL
88	2X REINFORCEMENT (CLEAR PINE) SG >= 0.49	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 Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE	REVISIONS	
DATE: 02/20/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15220.15			
SHEET 12 OF 12			