



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

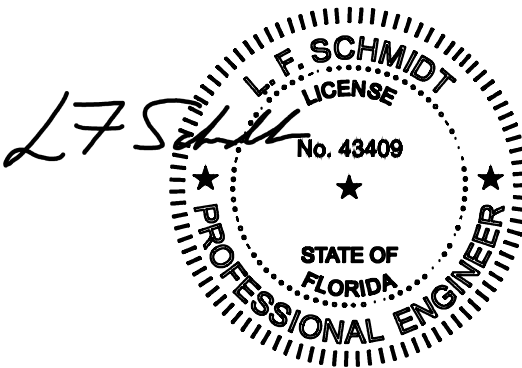
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
OUTSWING

"IMPACT" DOOR / "NON-IMPACT" SIDELITES

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" the opaque door complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering. The non-impact sidelite is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection the opaque door complies with FBC Section 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. The opaque door meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Section 1609.1.2.2 & R301.2.1.2.1. The non-impact sidelite is required to be protected with an impact resistant covering that complies with FBC Section 1609.1.2 & R301.2.1.2.
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 meet water infiltration requirements for "HVHZ".

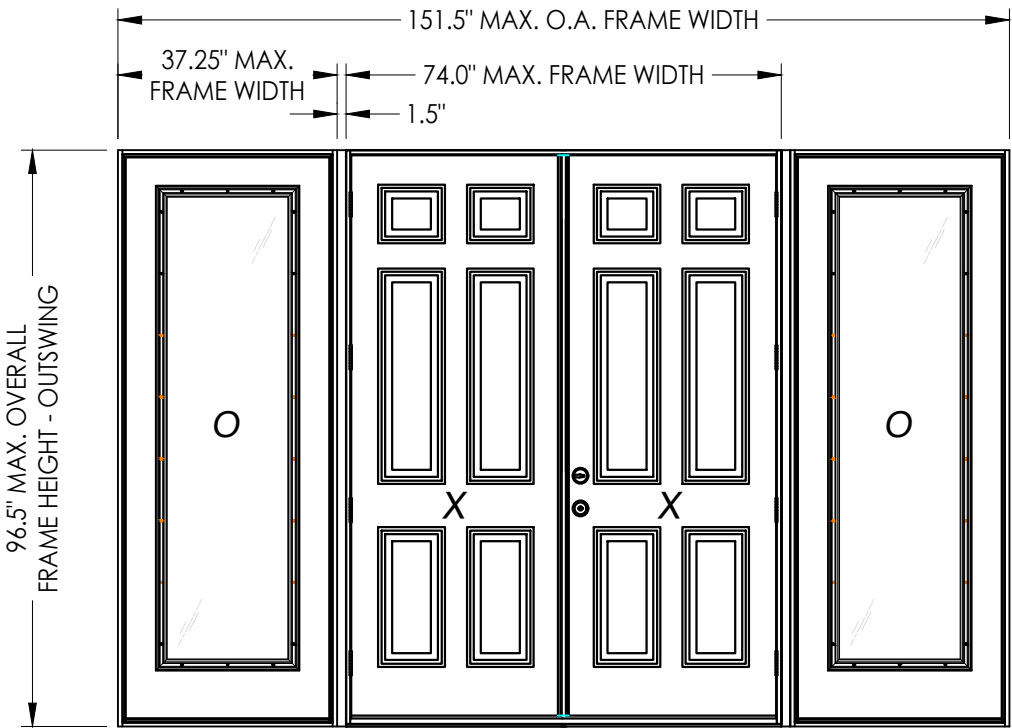
TABLE OF CONTENTS			
SHEET#	DESCRIPTION	SHEET#	DESCRIPTION
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2	Door panel details	8	Buck anchoring
3	Sidelite panel details and glazing detail	9	Frame anchoring
4	Elevations	10	Hardware details
5	Horizontal cross sections	11	Bill of materials and components
6	Vertical cross sections		



Digitally signed by Lyndon F Schmidt
Date: 2023.08.15 14:12:32 -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



OXO

CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE
OXO	151.5" X 96.5"	21.13" X 79.13"	+45.0	-45.0

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

PLASTPRO INC
FIBERGLASS DOOR

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

8/15/23
4

UPDATE TO 8TH ED. (2023) FBC

LFS

7/23/20
3

UPDATE TO 7TH ED (2020) FBC

LFS

7/24/17
2

UPDATE TO 6TH ED. (2017) FBC

JK

04/22/15
1

UPDATE TO 5TH ED. (2014) FBC

JK

NO.

DATE

BY

REVISIONS

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15180.12

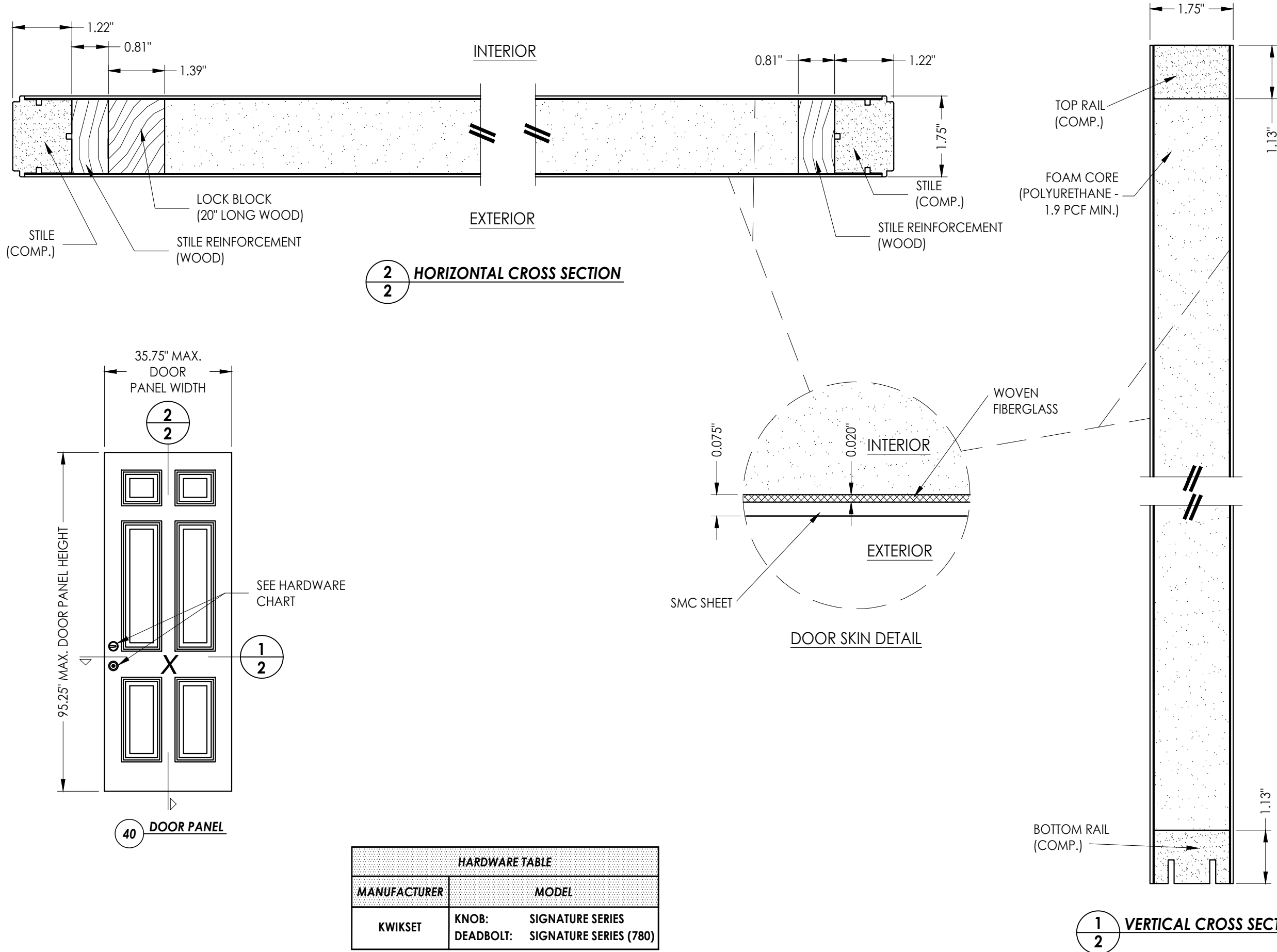
SHEET 1 OF 11

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

RW BUILDING CONSULTANTS, INC.

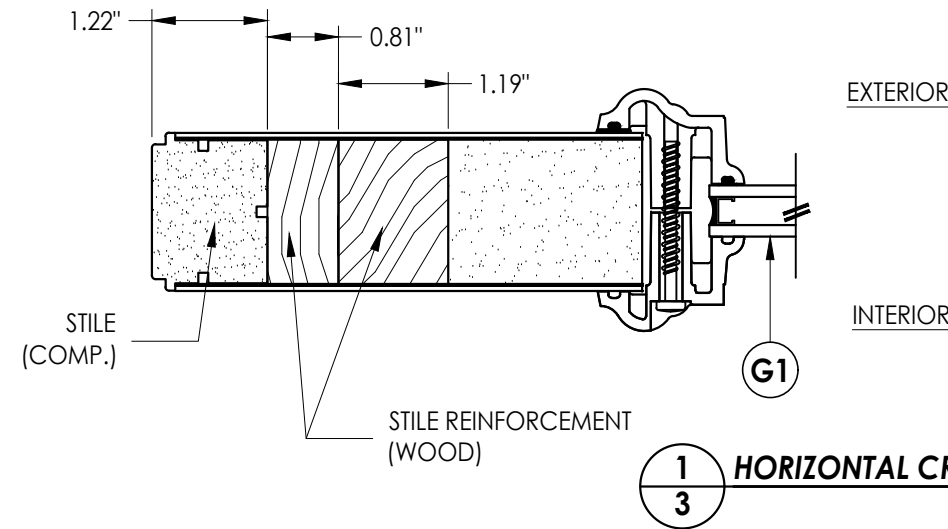
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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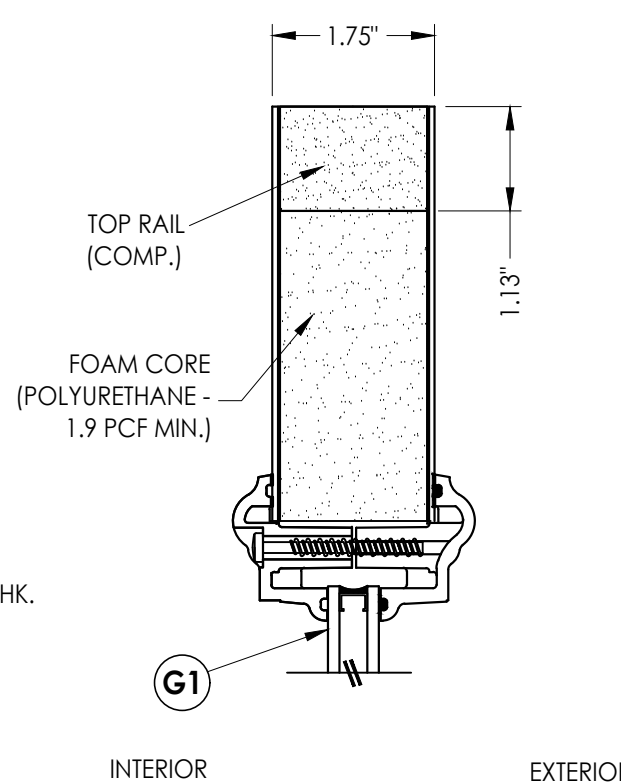
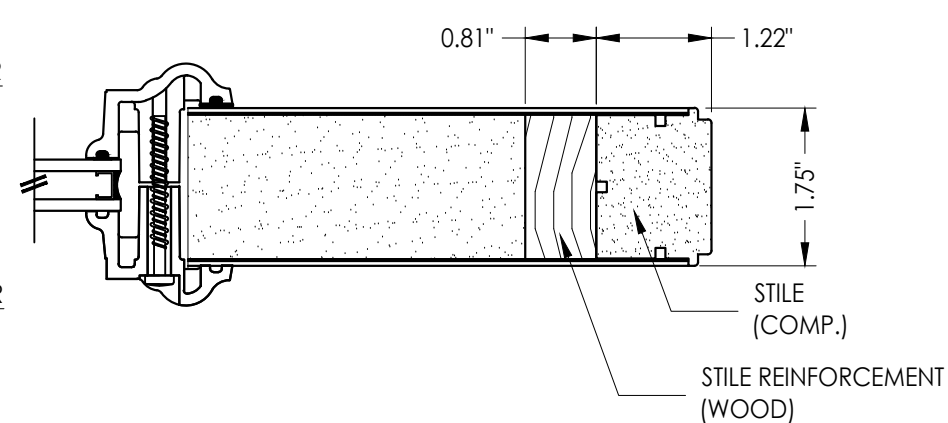


Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		PLASTPRO INC.		FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS			
REVISONS		NO.	DATE	BY	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
DATE: 02/21/12		SCALE: N.T.S.		DWG. BY: JK	
				CHK. BY: LFS	
				DRAWING NO.: FL-15180.12	
				SHEET 2 OF 11	

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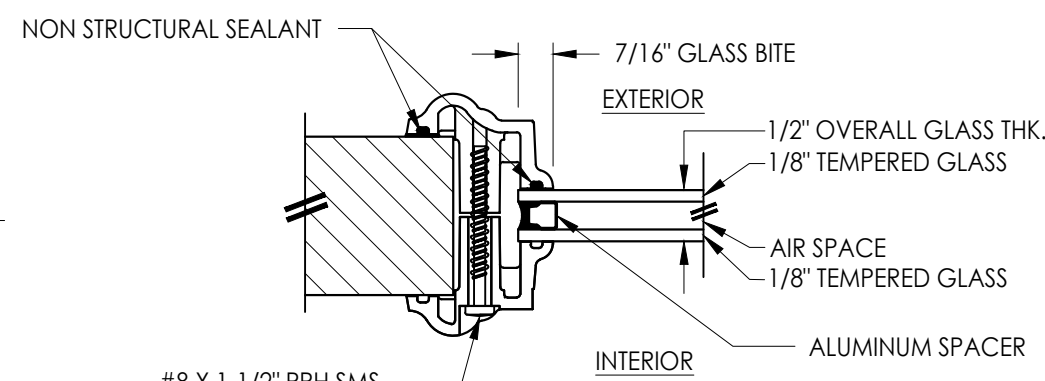
1
3 **HORIZONTAL CROSS SECTION**



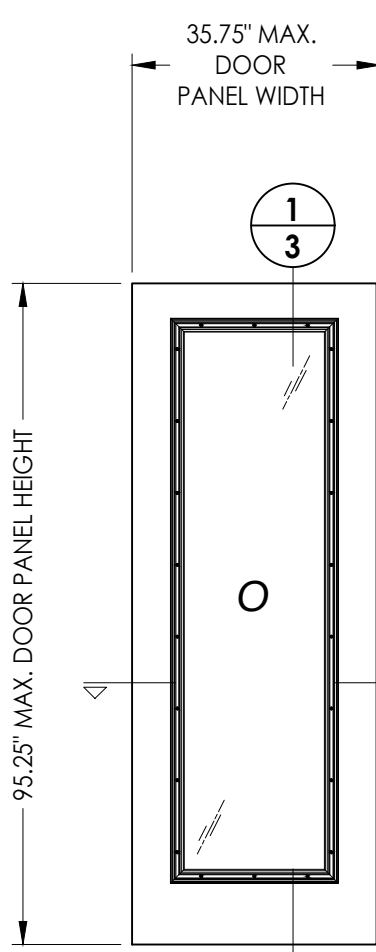
G1

INTERIOR

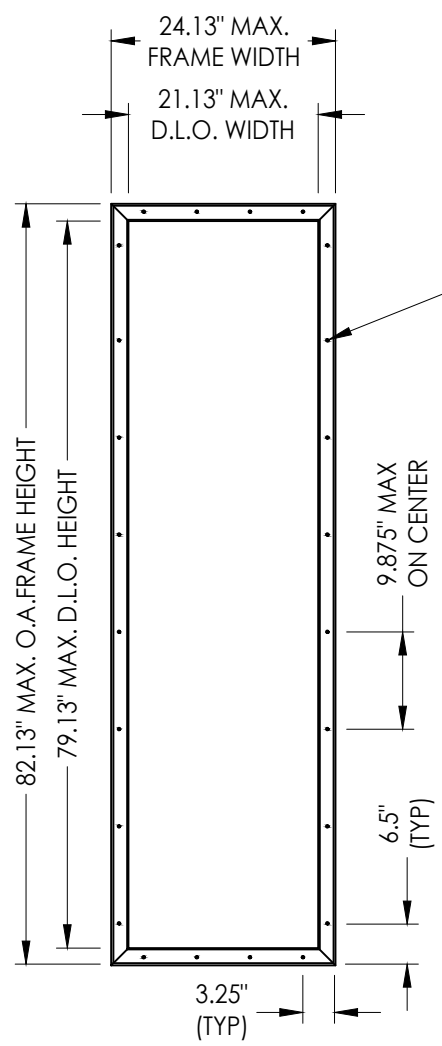
EXTERIOR



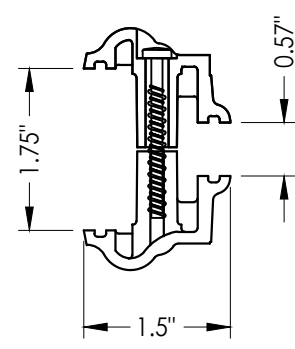
G1 **GLAZING DETAIL**



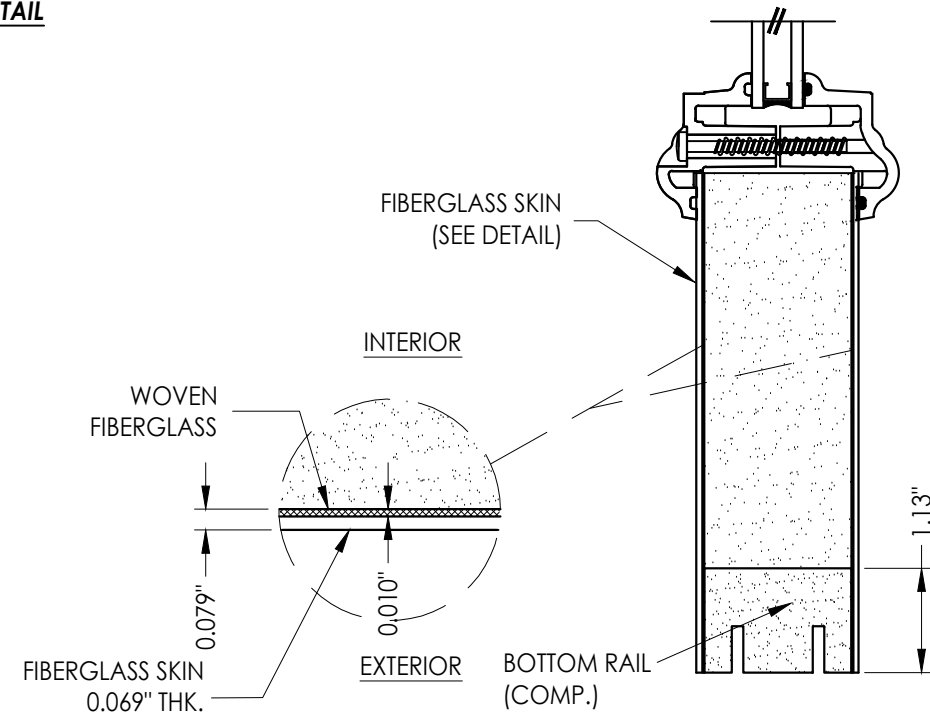
60 **SIDELITE PANEL**



ODL LITE FRAME



2A **ODL LITE FRAME**
HP Polypropylene



DOOR SKIN DETAIL

2
3 **VERTICAL CROSS SECTION**

Documents Prepared By:
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P.E. No. 43409

PRODUCT: **PLASTPRO INC**
FIBERGLASS DOOR

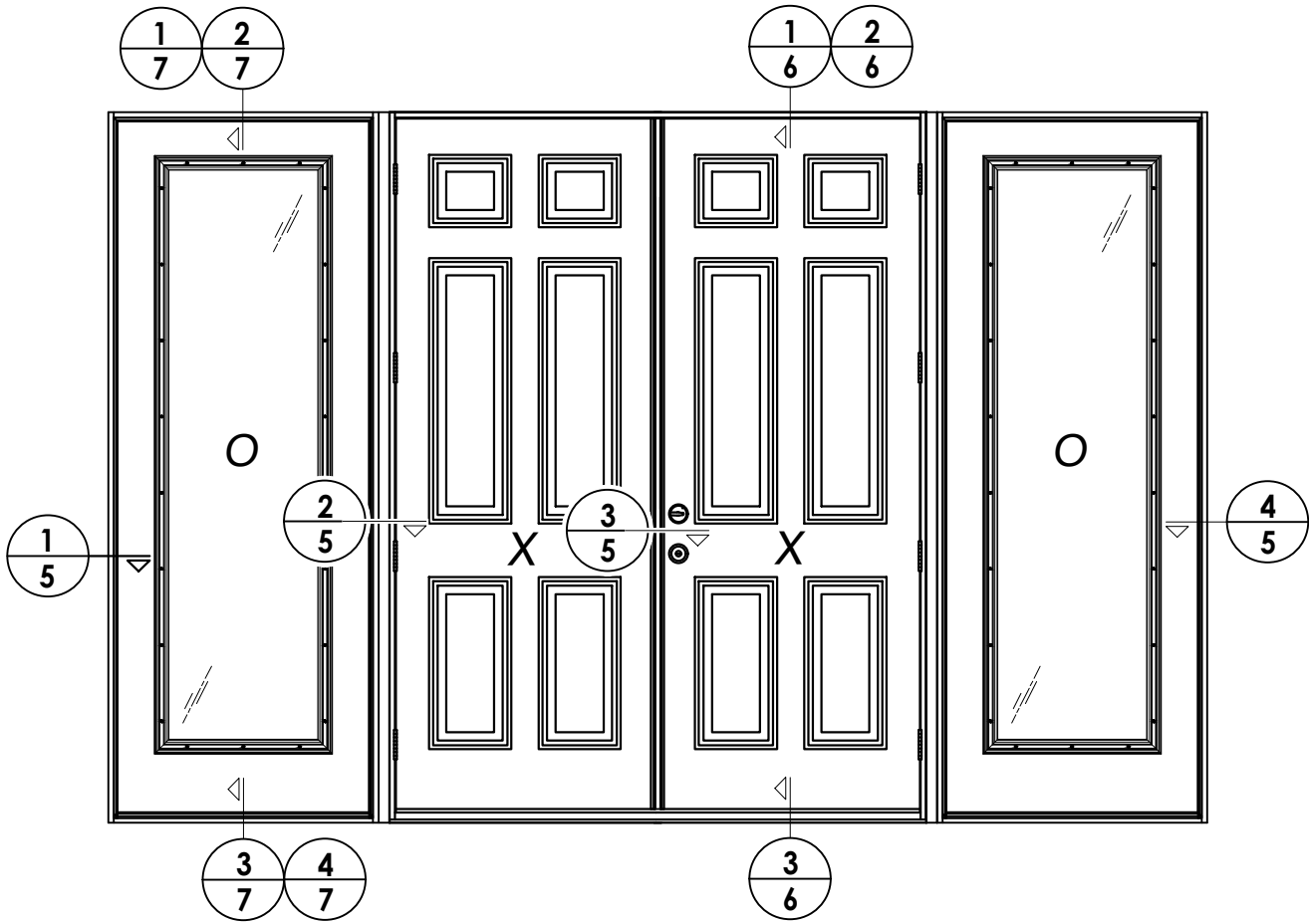
PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
AND GLAZING DETAIL

NO.	DATE	REVISIONS
4	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.12
SHEET 3 OF 11

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
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ELEVATION (OXXO)

DATE:	02/21/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15180.12
SHEET	4 OF 11

REVISIONS			
NO.	DATE	BY	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC JK

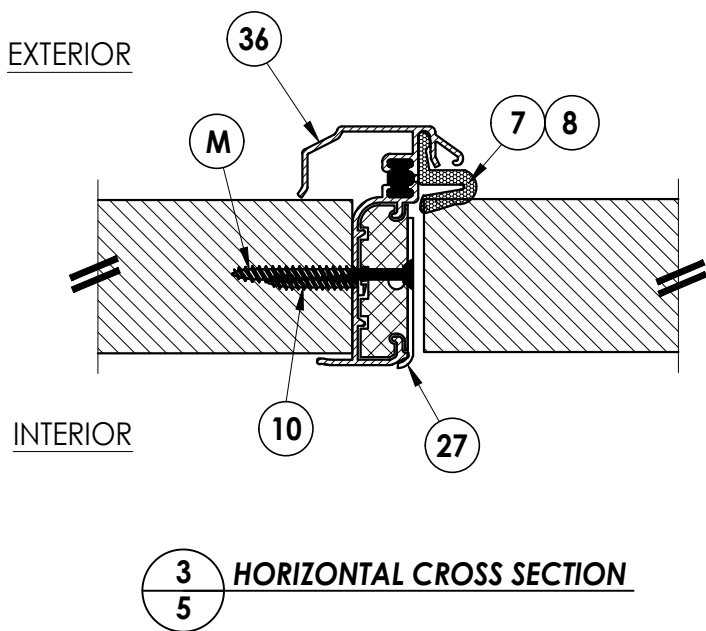
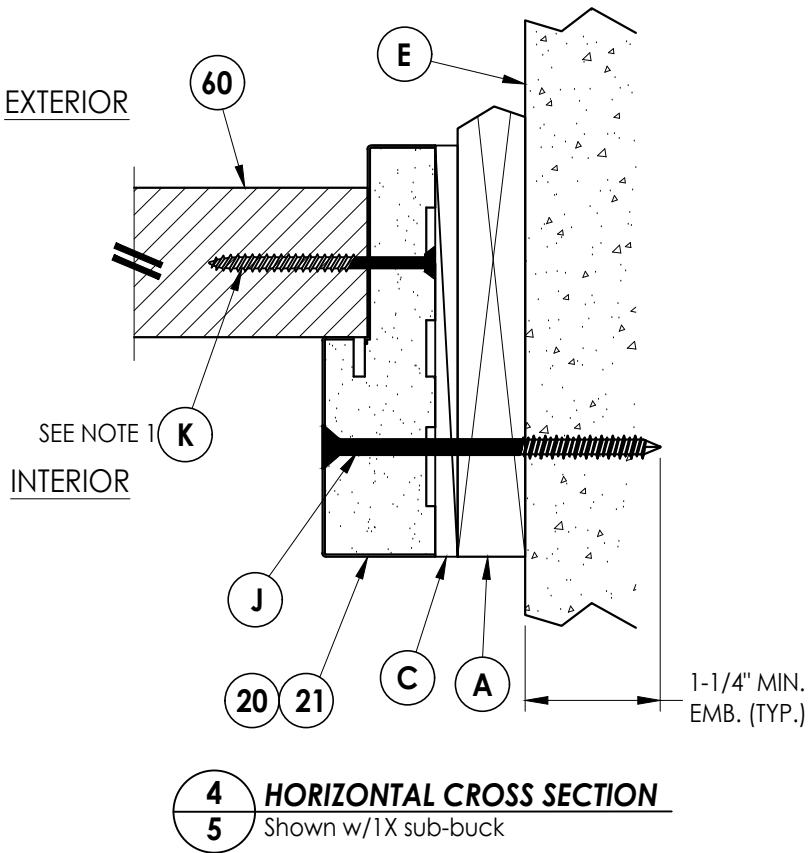
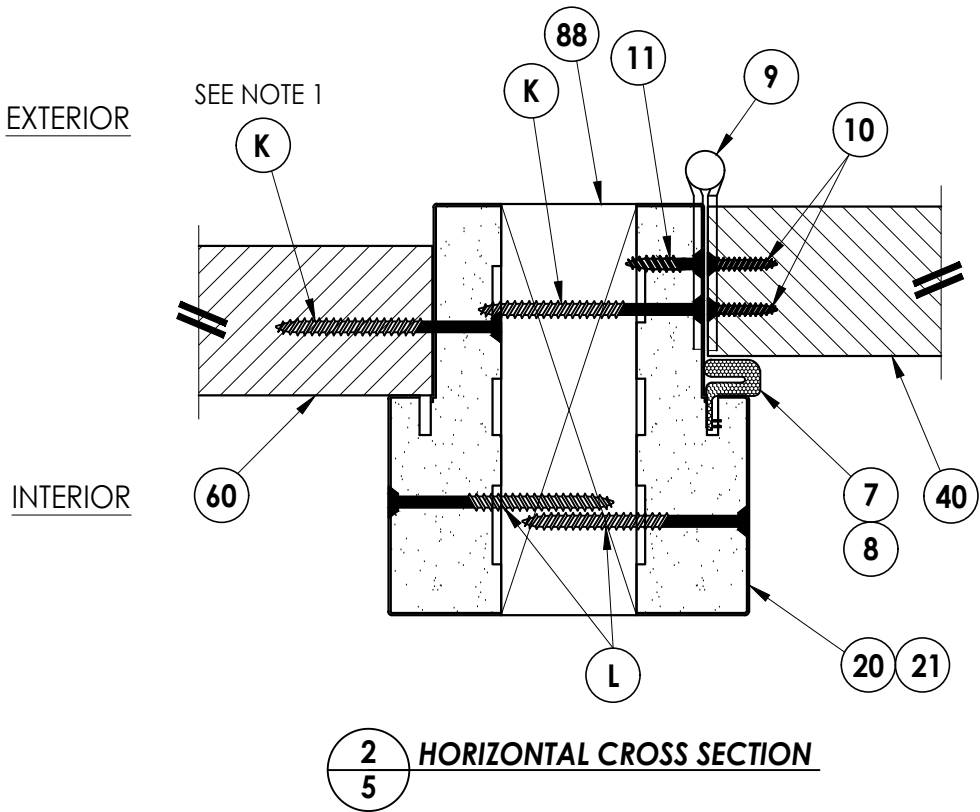
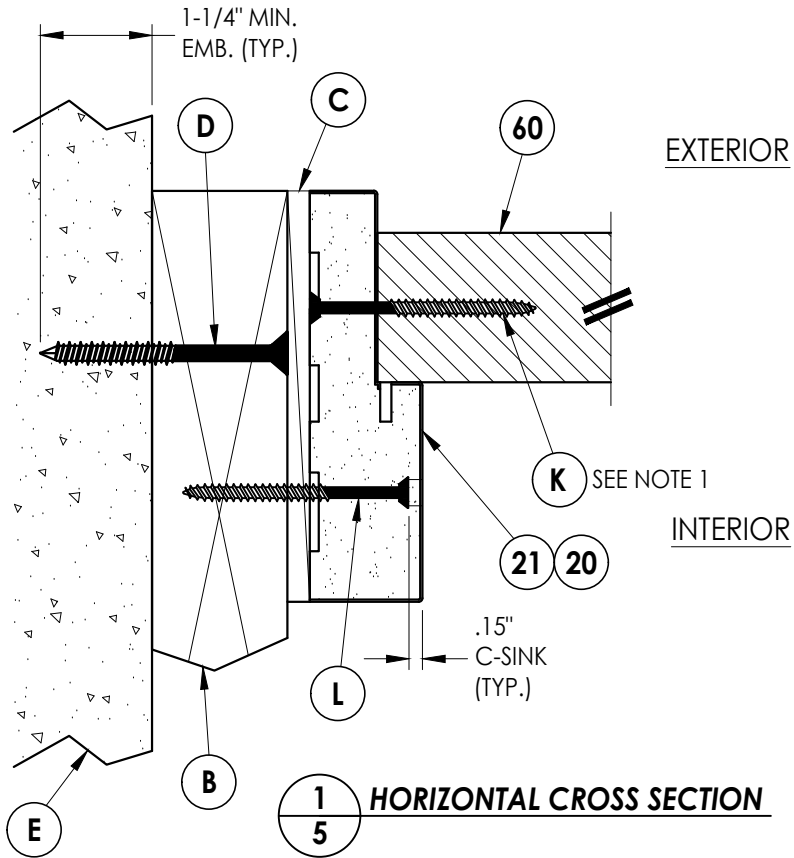
PRODUCT:	PLASTPRO INC
	FIBERGLASS DOOR
PART OR ASSEMBLY:	
ELEVATIONS	

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

RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

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



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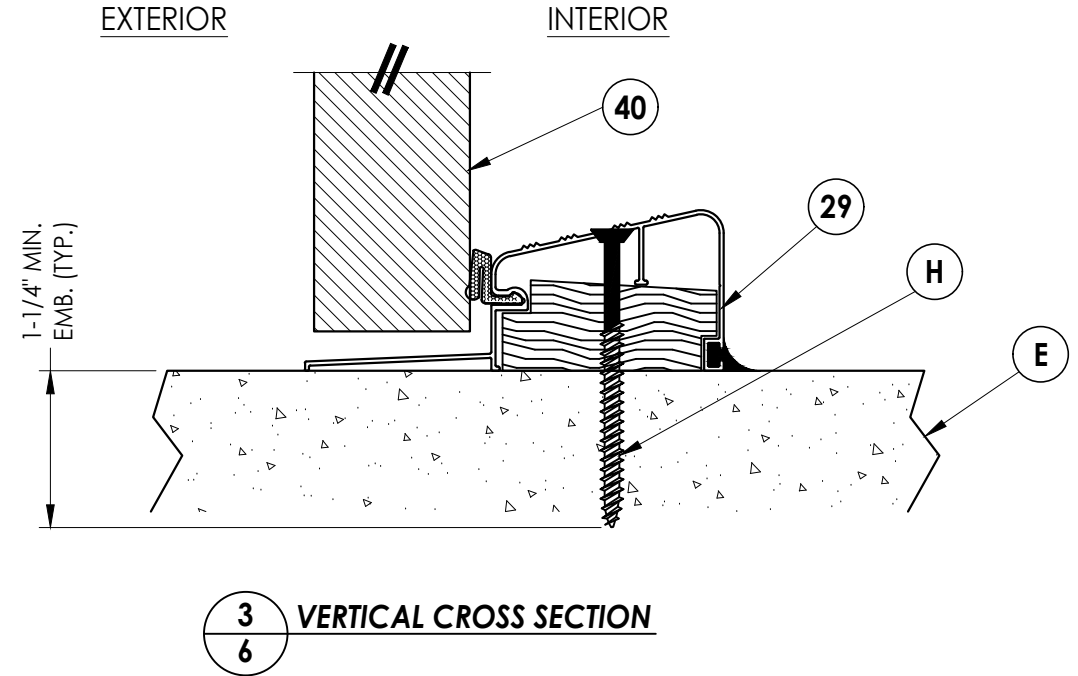
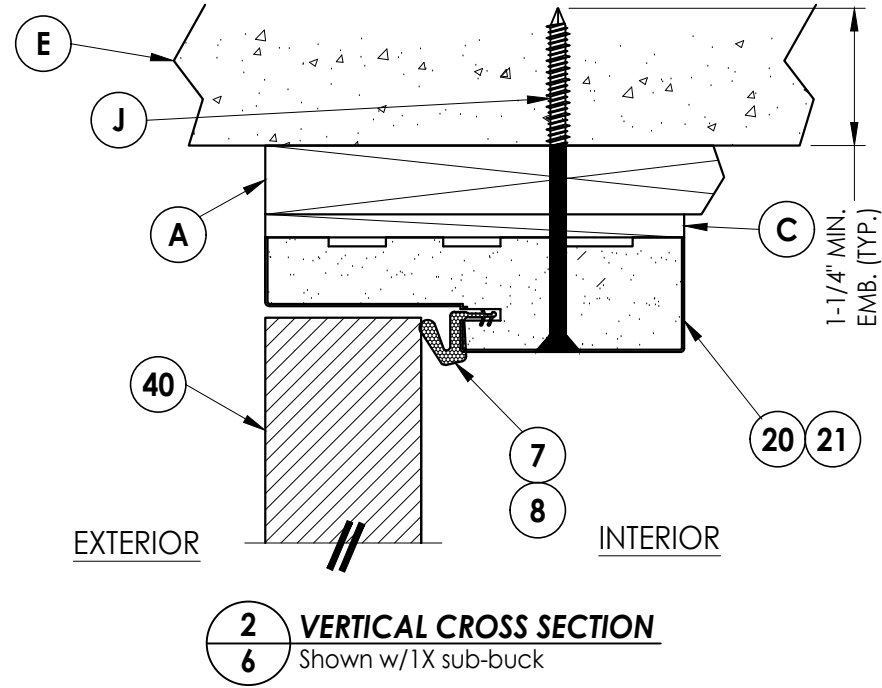
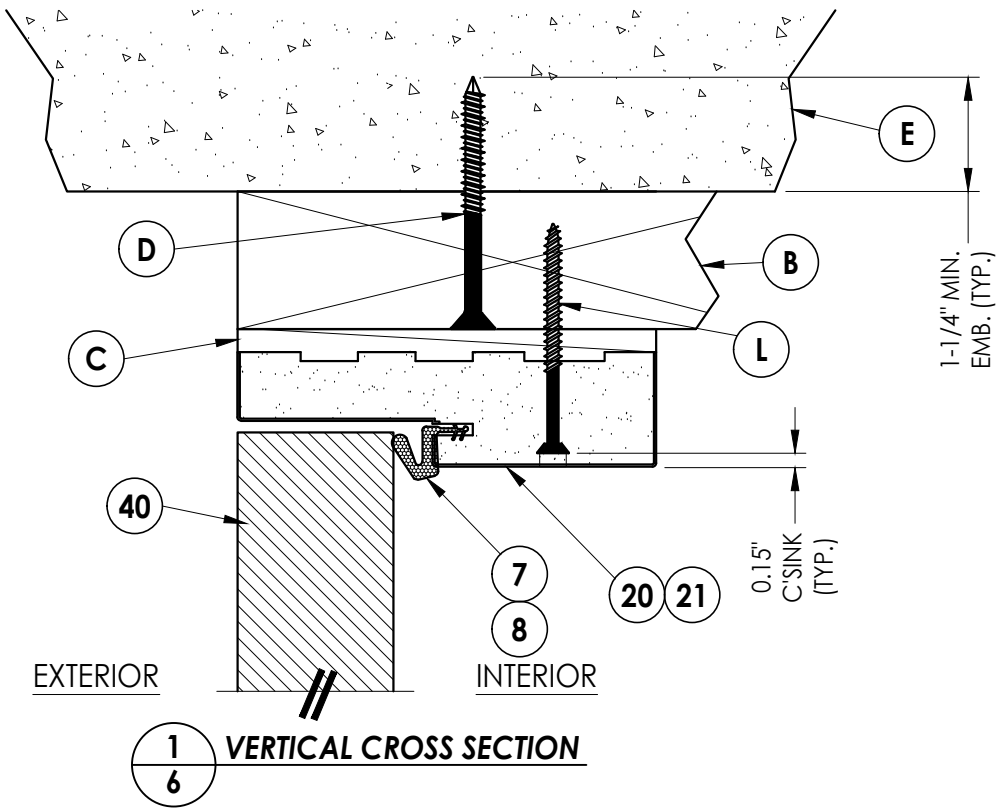
PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
4	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK

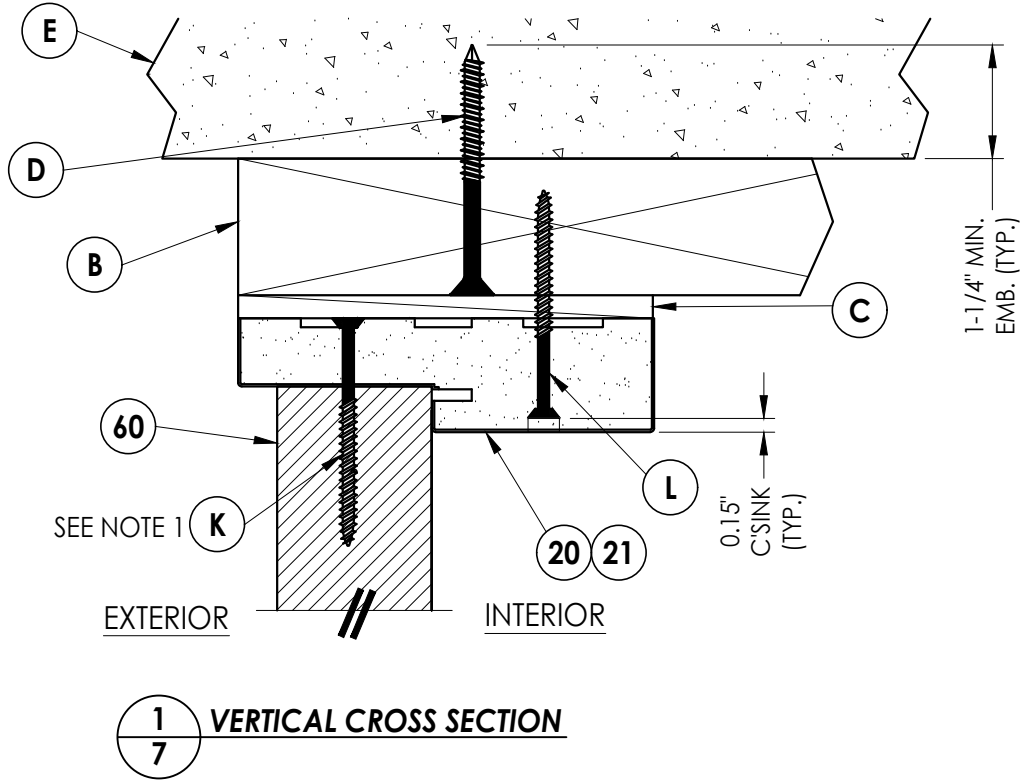
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.12
SHEET 5 OF 11

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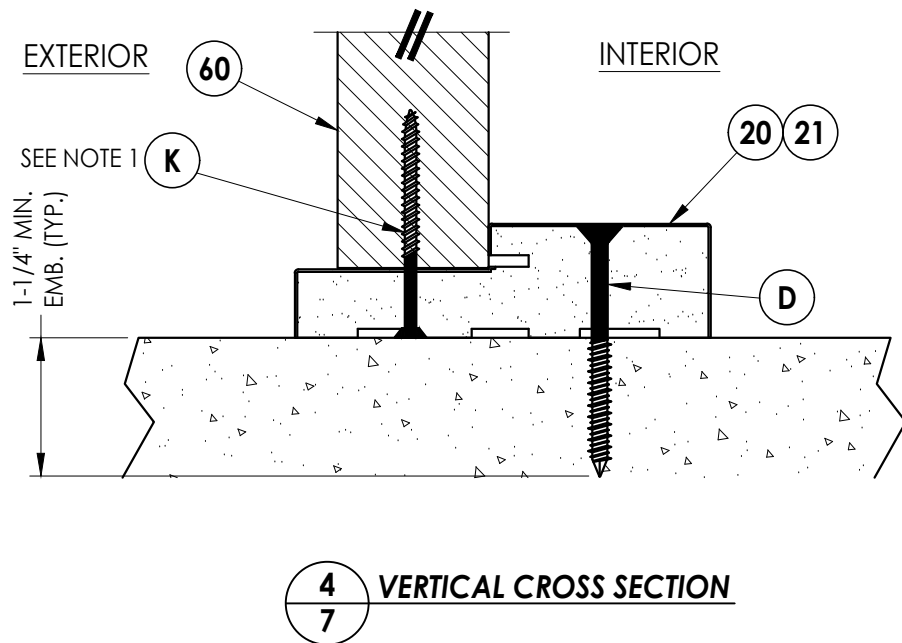
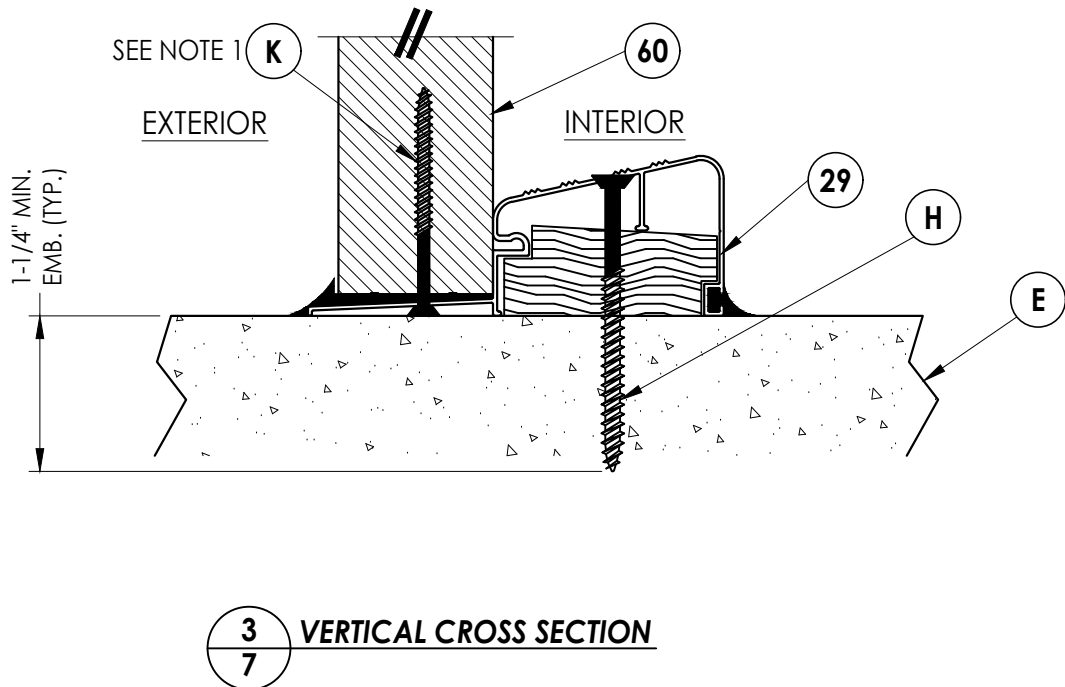
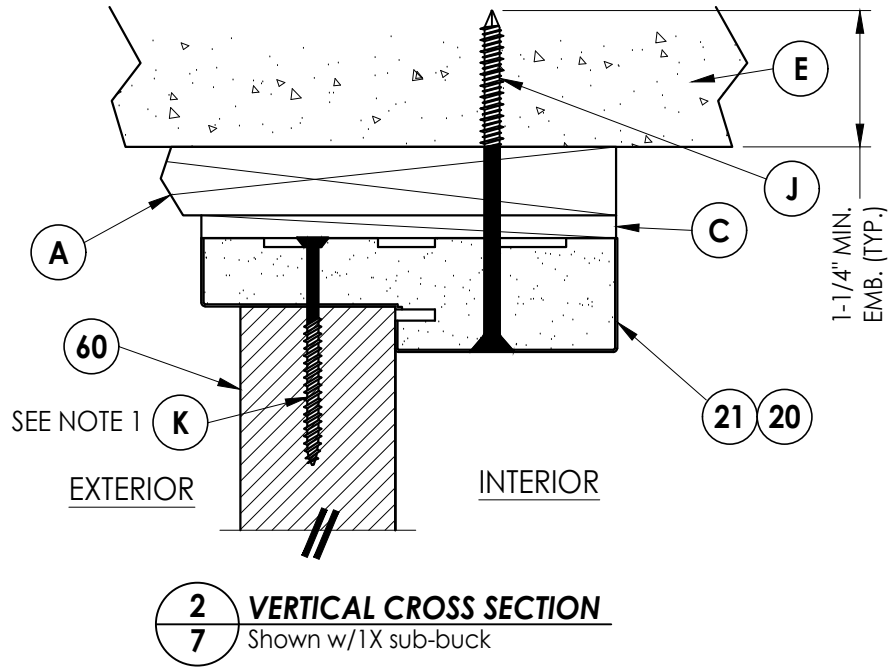


PRODUCT:		PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
DOCUMENTS PREPARED BY:		Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC.		P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DATE:		02/21/12		SCALE:		N.T.S.	
DWG. BY:		JK		CHK. BY:		LFS	
DRAWING NO.:		FL-15180.12		SHEET		6 OF 11	
NO.		DATE		REVISIONS			
4		8/15/23		UPDATE TO 8TH ED. (2023)		FBC	
3		7/23/20		UPDATE TO 7TH ED (2020)		FBC	
2		7/24/17		UPDATE TO 6TH ED. (2017)		FBC	
1		04/22/15		UPDATE TO 5TH ED. (2014)		FBC	

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



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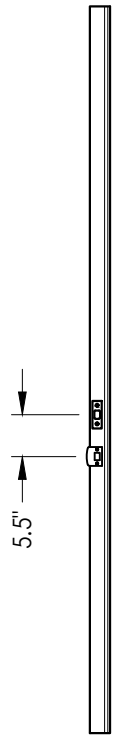
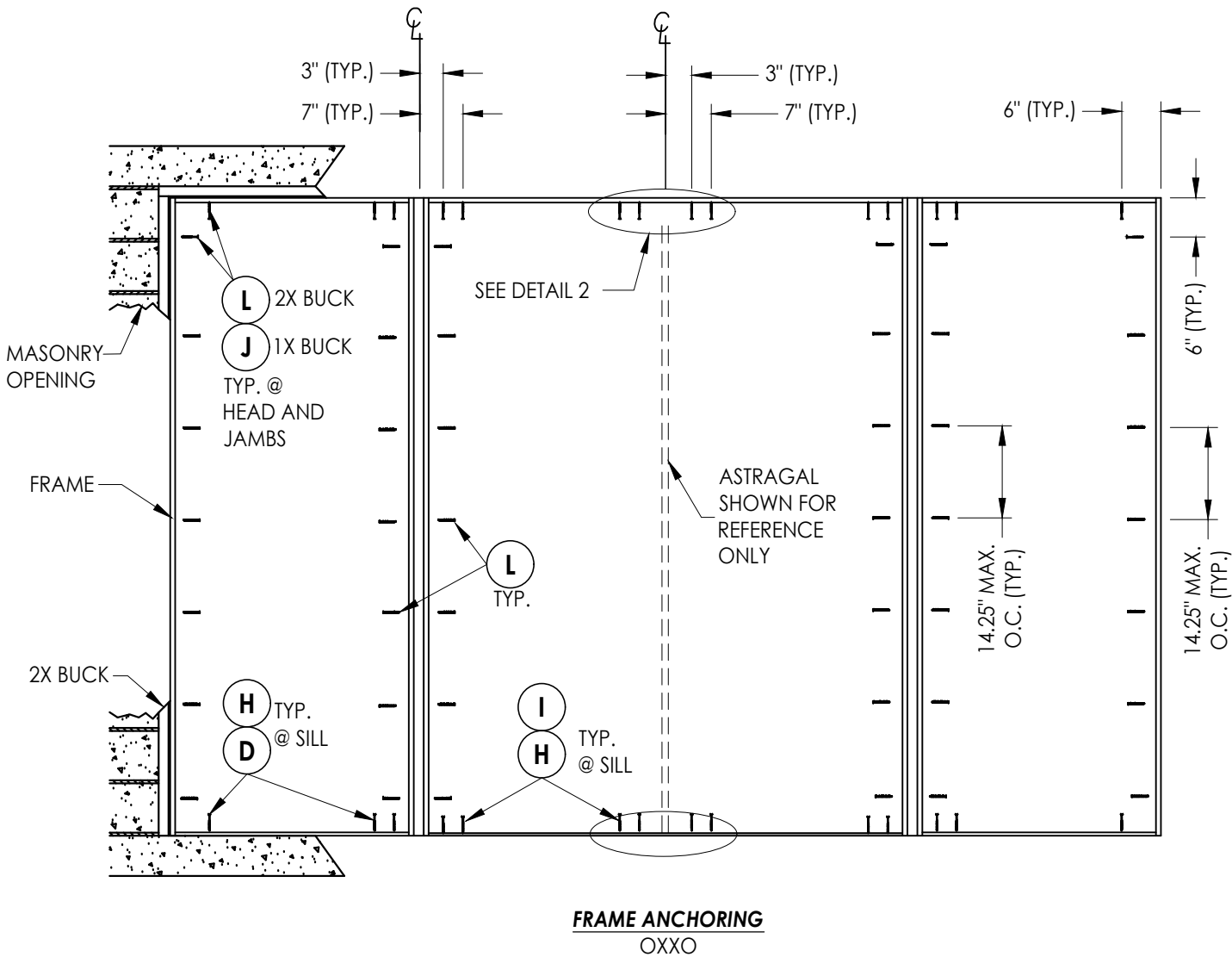
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

NO.	DATE	REVISIONS			
		NO.	DATE	BY	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

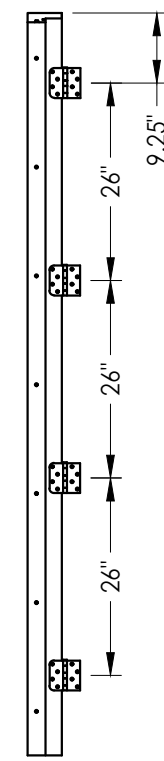
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15180.12
SHEET 7 OF 11

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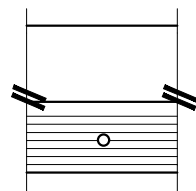


ASTRAGAL
STRIKE JAMB

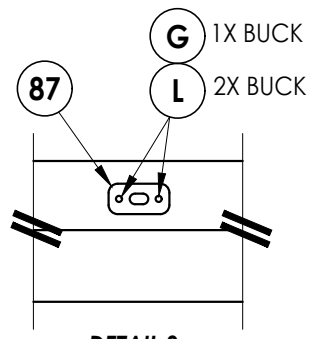


HINGE JAMB

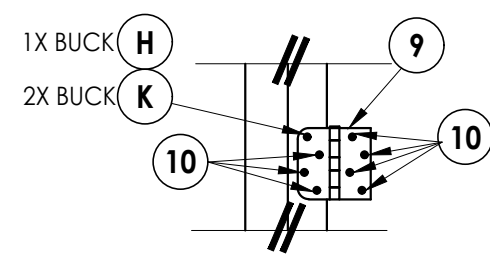
FRAME ANCHORING
OXOXO



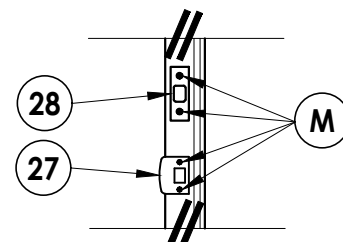
DETAIL 1
Astragal throw bolts
at the threshold



DETAIL 2
Attach astragal throw bolt
strike plate to frame



HINGE DETAIL



LATCH & DEAD BOLT DETAIL

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"
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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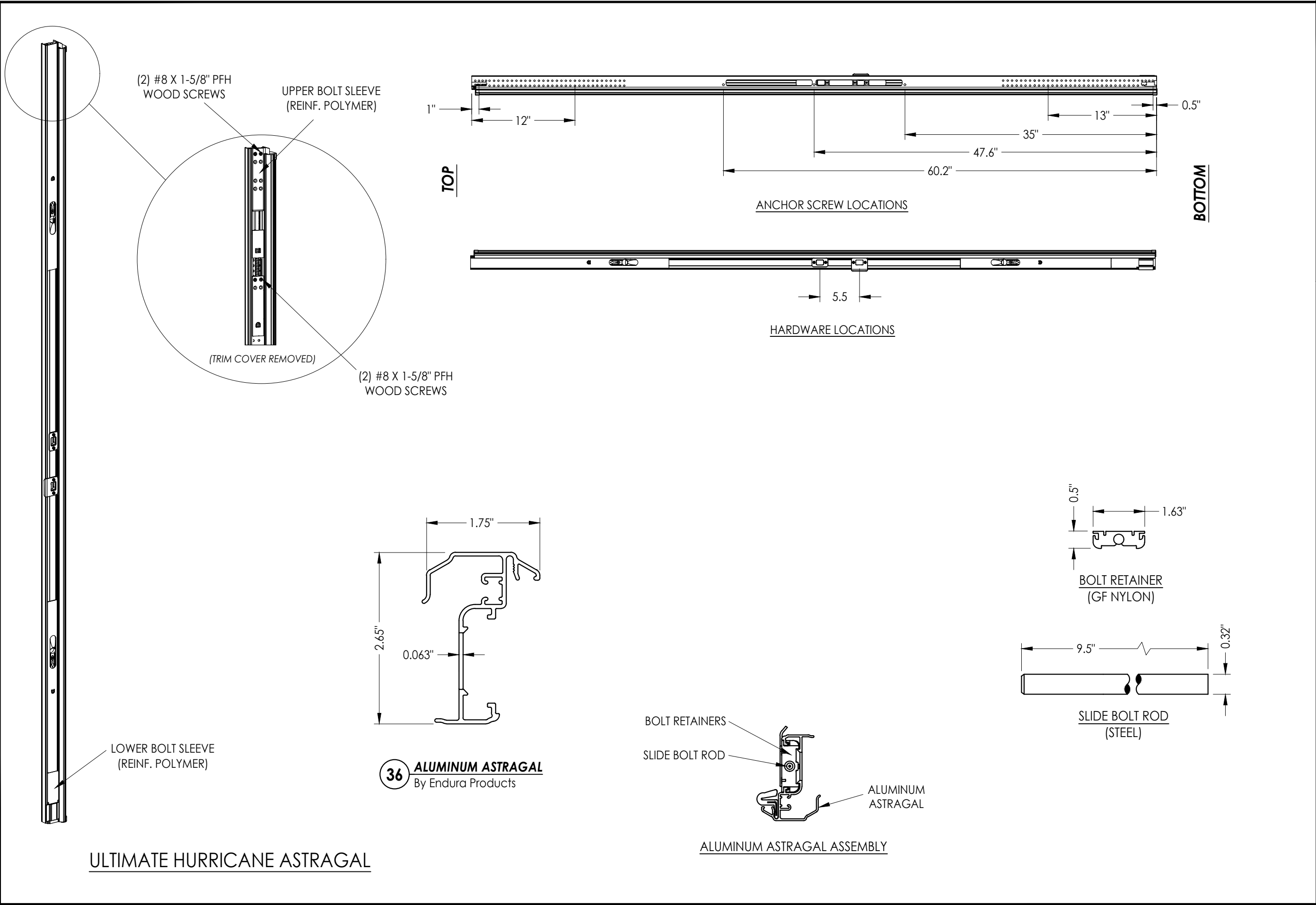
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
FRAME ANCHORING

				REVISIONS			
				NO.	DATE	BY	
			UPDATE TO 8TH ED. (2023) FBC	LFS			
4	8/15/23		UPDATE TO 7TH ED (2020) FBC	LFS			
3	7/23/20		UPDATE TO 6TH ED. (2017) FBC	JK			
2	7/24/17		UPDATE TO 5TH ED. (2014) FBC	JK			
1	04/22/15						
DATE: 02/21/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15180.12							
SHEET 9 OF 11							

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PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: ASTRAGAL DETAILS	
		LFS	FBC	JK	BY
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	JK	DATE
3	7/23/20	UPDATE TO 7TH ED. (2020)	FBC	JK	DATE
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	DATE
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	DATE
REVISIONS					
DATE: 02/21/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15180.12					
SHEET 10 OF 11					

