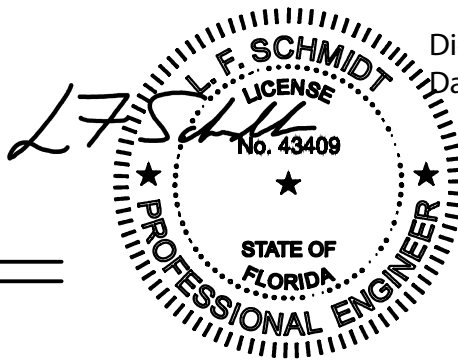


TRIMLITE



Digitally signed by Lyndon F Schmidt
Date: 2023.08.29 12:56:28 -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.

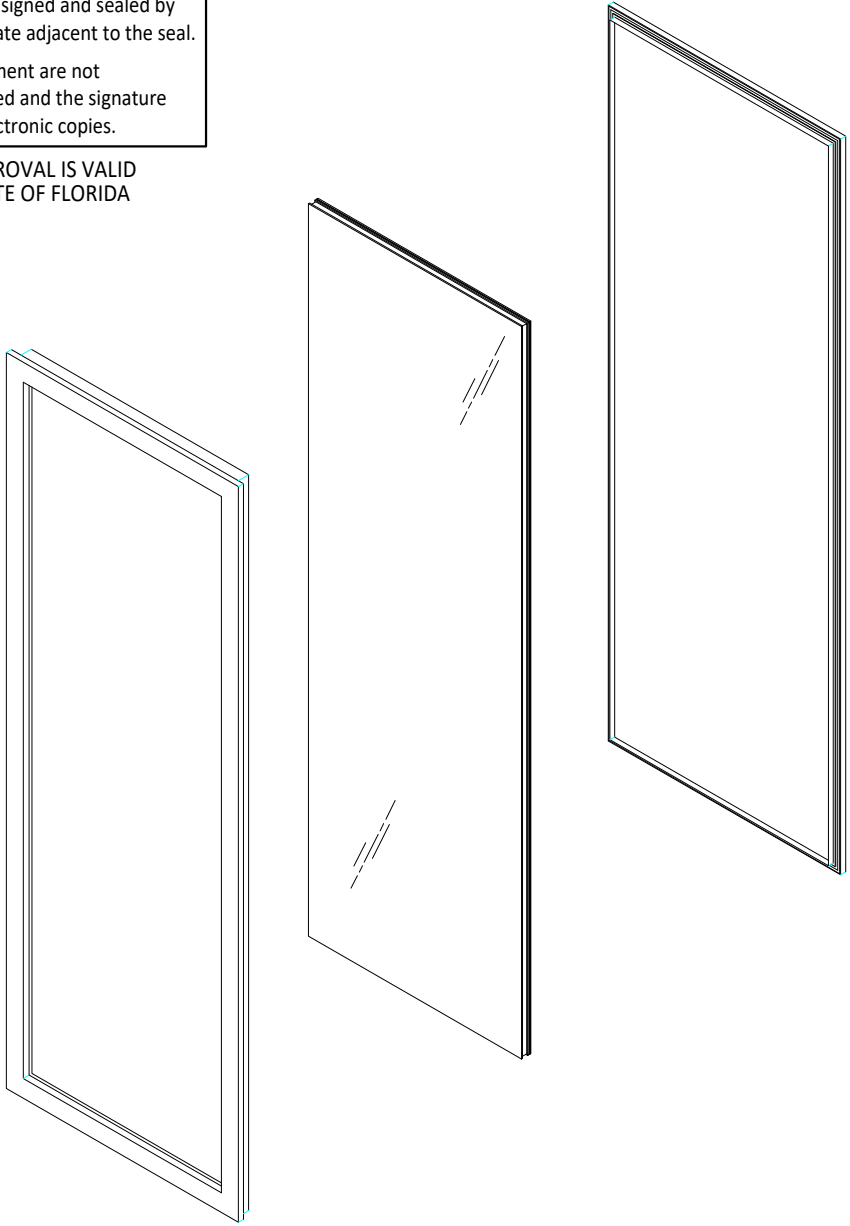
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

TRIMLITE "Storm Series"

Impact Lite Frame Assembly

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. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
3. When used in areas outside 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.
4. This product meets the water infiltration requirements for "HVHZ".
5. This product is approved for use as a substitute doorglass assembly in conjunction with a glazed fiberglass or steel side hinged swing door and/or fixed sidelite possessing a comparable current Florida Statewide product approval.
6. The design pressure (DP) rating shall be the lesser of the DP rating shown in this approval or the DP rating shown in the glazed fiberglass or steel side hinged swing door or fixed sidelite approval being used.
7. The door panel and lite opening size shall not exceed the sizes shown in this approval or the glazed fiberglass or steel side hinged swing door or fixed sidelite approval being used.
8. This product has been tested in the door and/or sidelite panels as specified on Sheets 4-9 of this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the glazed fiberglass or steel door and/or sidelite used must possess a comparable current Florida Statewide product approval.



"Storm Series" Lite Frame Detail

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures and General Notes
2	Lite Frame Details
3	Glazing Details
4	Door Panel Details (Therma-Tru Fiberglass)
5	Door Panel Details (Masonite Fiberglass)
6	Door Panel Details (Plastpro Fiberglass)
7	Door Panel Details (Therma-Tru Steel)
8	Door Panel Details (Masonite Steel)
9	Door Panel Details (JELD-WEN Steel)

MAXIMUM DESIGN PRESSURE RATING (PSF)		
GLAZING TYPE	POSITIVE	NEGATIVE
1" INSULATED LAMINATED GLASS	+60.0	-65.0
1" INSULATED LAMINATED GLASS w/ DECORATIVE INSERTS	+60.0	-65.0
1-1/4" INSULATED LAMINATED GLASS w/ INTERNAL BLINDS	+60.0	-65.0

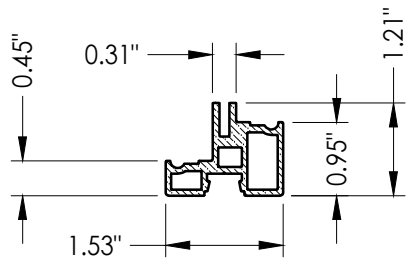
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

TRIMLITE

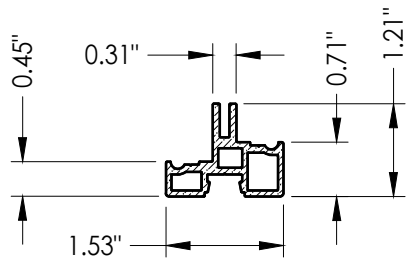
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	TRIMLITE	PART OR ASSEMBLY:	TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES	
5	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
3	10/10/18	ADD NOTE SHEET 3		RW
2	2/01/18	UPDATE FOR NEW TESTING		LFS
1	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO. DATE		REVISIONS		
DATE: 12/7/16				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-21462.2				
SHEET 1 OF 9				

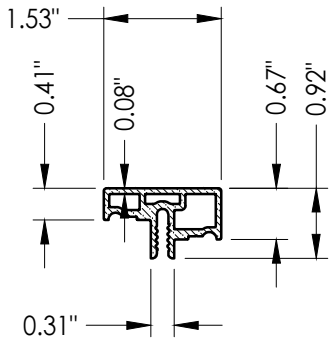
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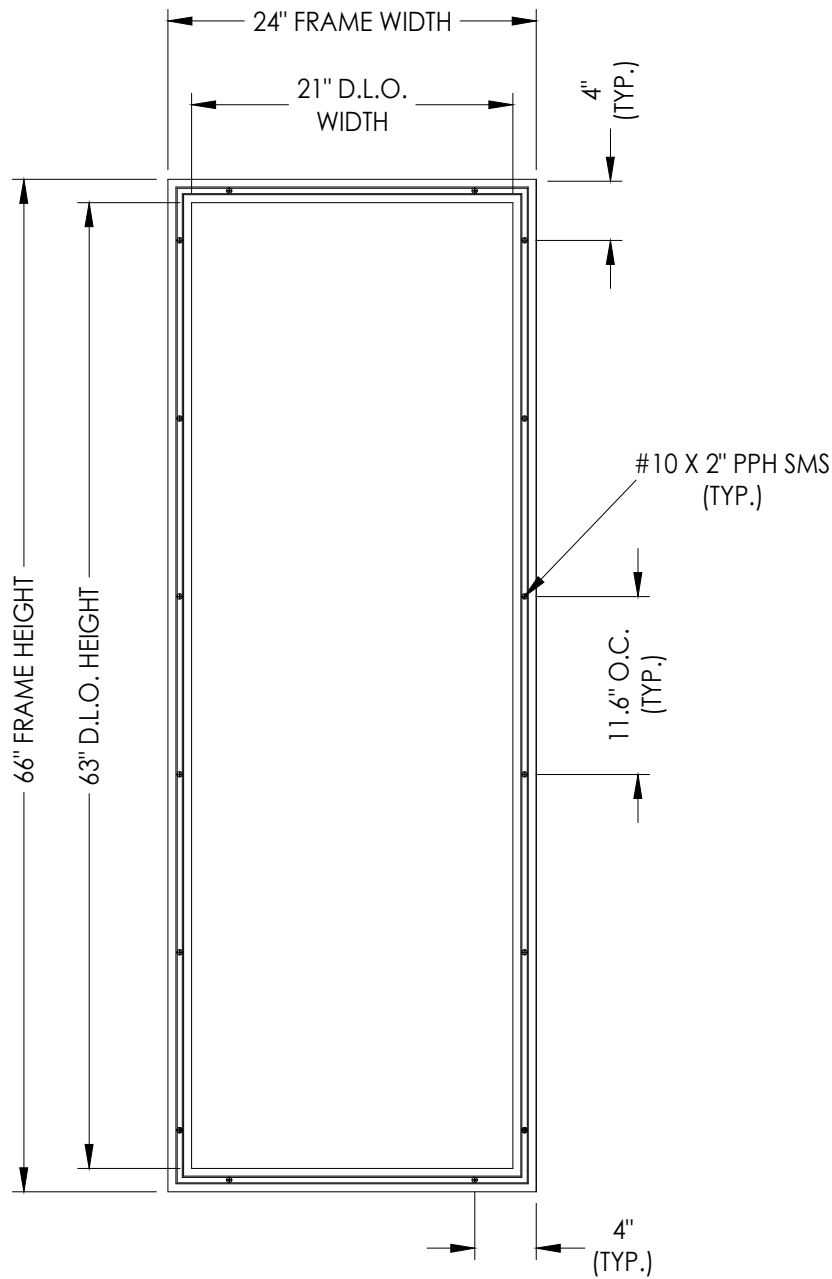
2A INTERIOR FRAME
1" GLAZING



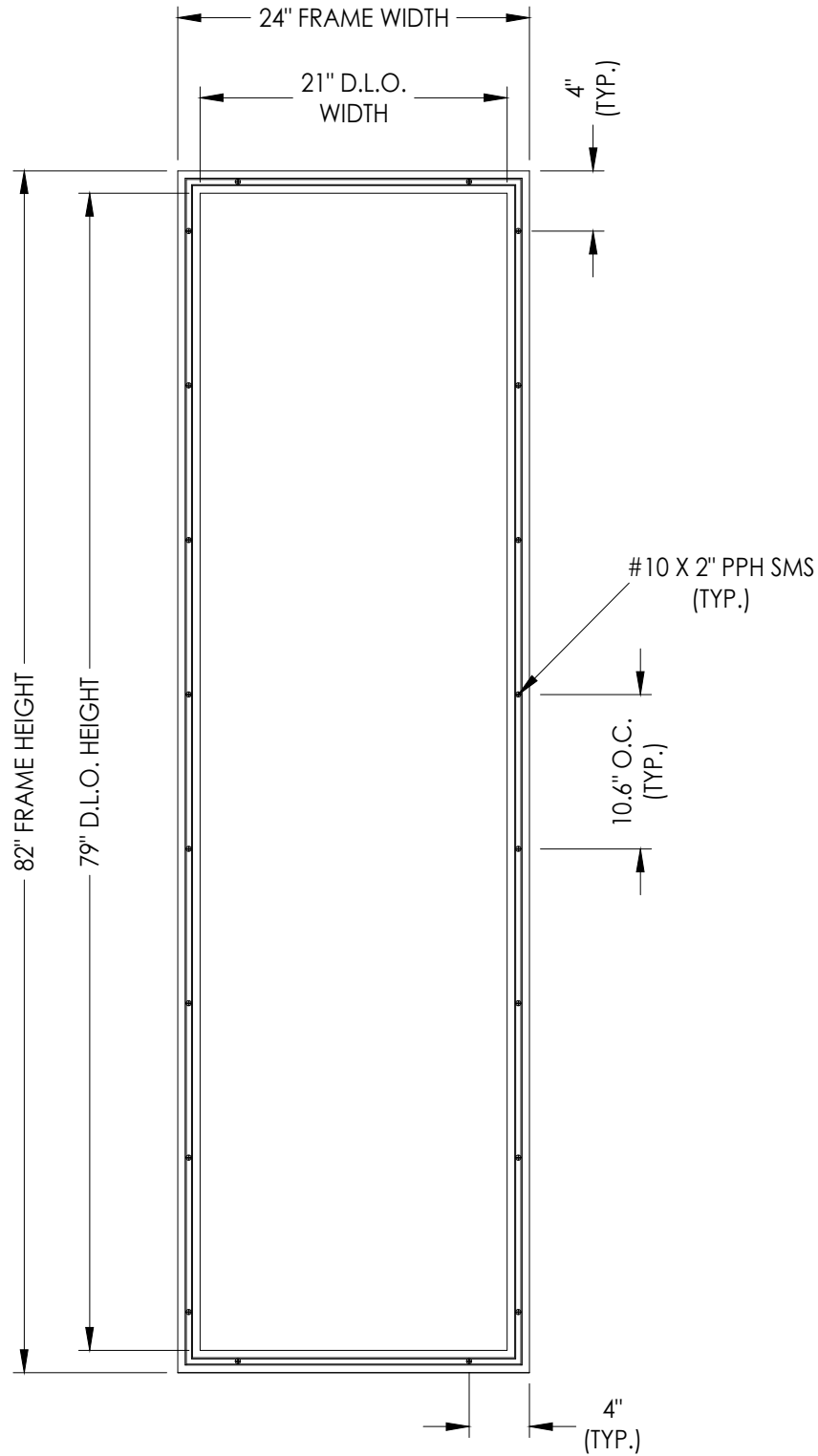
2B INTERIOR FRAME
1-1/4" GLAZING



2C EXTERIOR FRAME
1" & 1-1/4" GLAZING



6"-8" LITE FRAME
ALUM. (6063-T5)



8"-0" LITE FRAME
ALUM. (6063-T5)

NO.	DATE	REVISIONS			
		DATE	BY	CHK.	APP.
5	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
3	10/10/18	ADD NOTE SHEET 3		RW	
2	2/01/18	UPDATE FOR NEW TESTING		LFS	
1	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 12/7/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21462.2

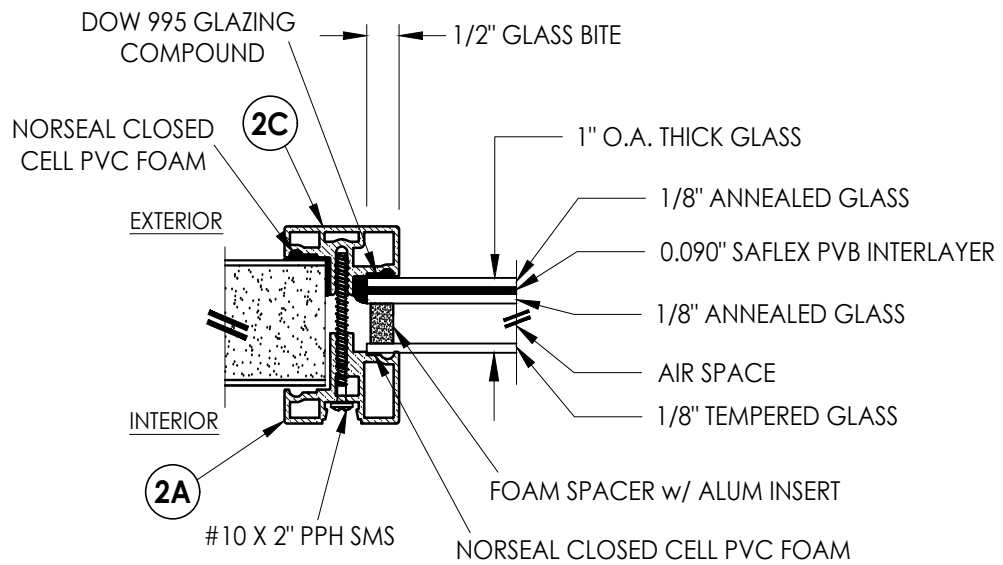
SHEET 2 OF 9

PRODUCT:	
TRIMLITE	
PART OR ASSEMBLY:	
LITE FRAME DETAILS	

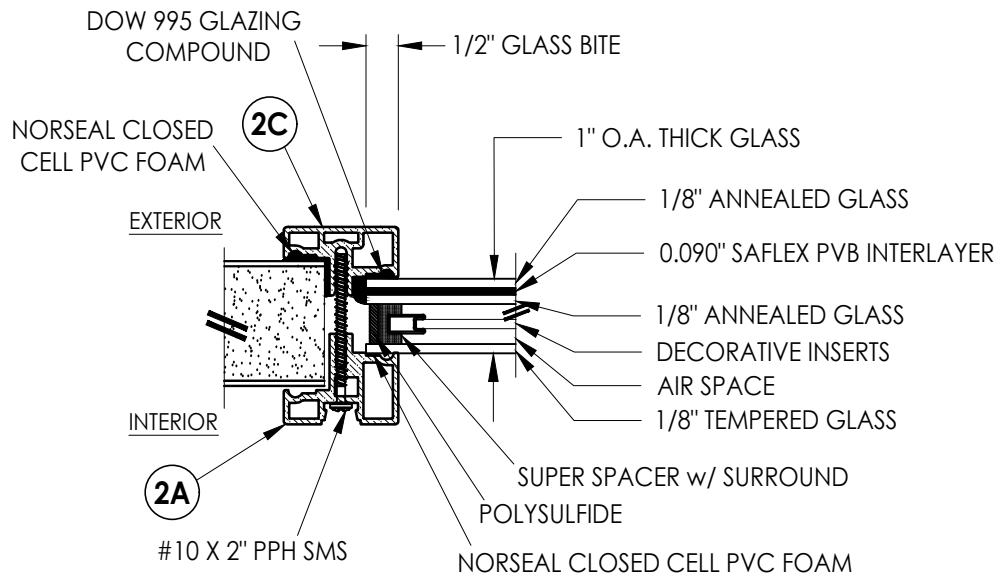
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

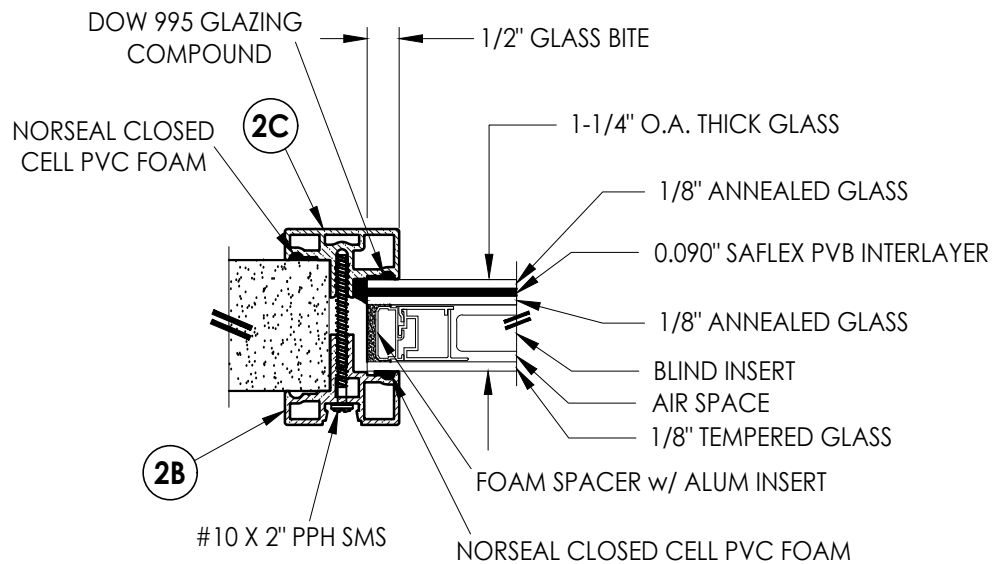
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G1 GLAZING DETAIL
1" Insulated Laminated Glass



G2 GLAZING DETAIL
1" Insulated Laminated Glass
w/ Decorative Inserts



G3 GLAZING DETAIL
1-1/4" Insulated Laminated Glass
w/ Internal Blinds

NOTE:

1. THE 1-1/4" INSULATED LAMINATED GLASS w/ INTERNAL BLINDS PRODUCT IS NOT APPROVED FOR USE
AS A SUBSTITUTE DOORGLASS ASSEMBY IN A THERMA-TRU DOOR SYSTEM.

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

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

PRODUCT: TRIMLITE

PART OR ASSEMBLY:
GLAZING DETAILS

NO.	DATE	REVISIONS
5	8/29/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
3	10/10/18	ADD NOTE SHEET 3 RW
2	2/01/18	UPDATE FOR NEW TESTING LFS
1	9/27/17	UPDATE TO 6TH ED. (2017) FBC JK
NO.	DATE	BY

DATE: 12/7/16

SCALE: N.T.S.

DWG. BY: JK

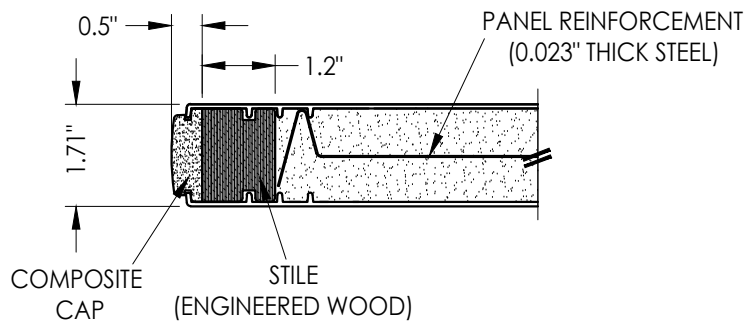
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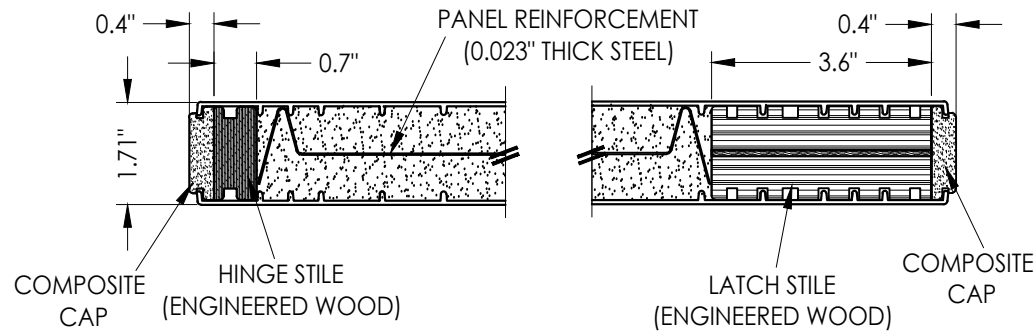
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SHEET 3 OF 9

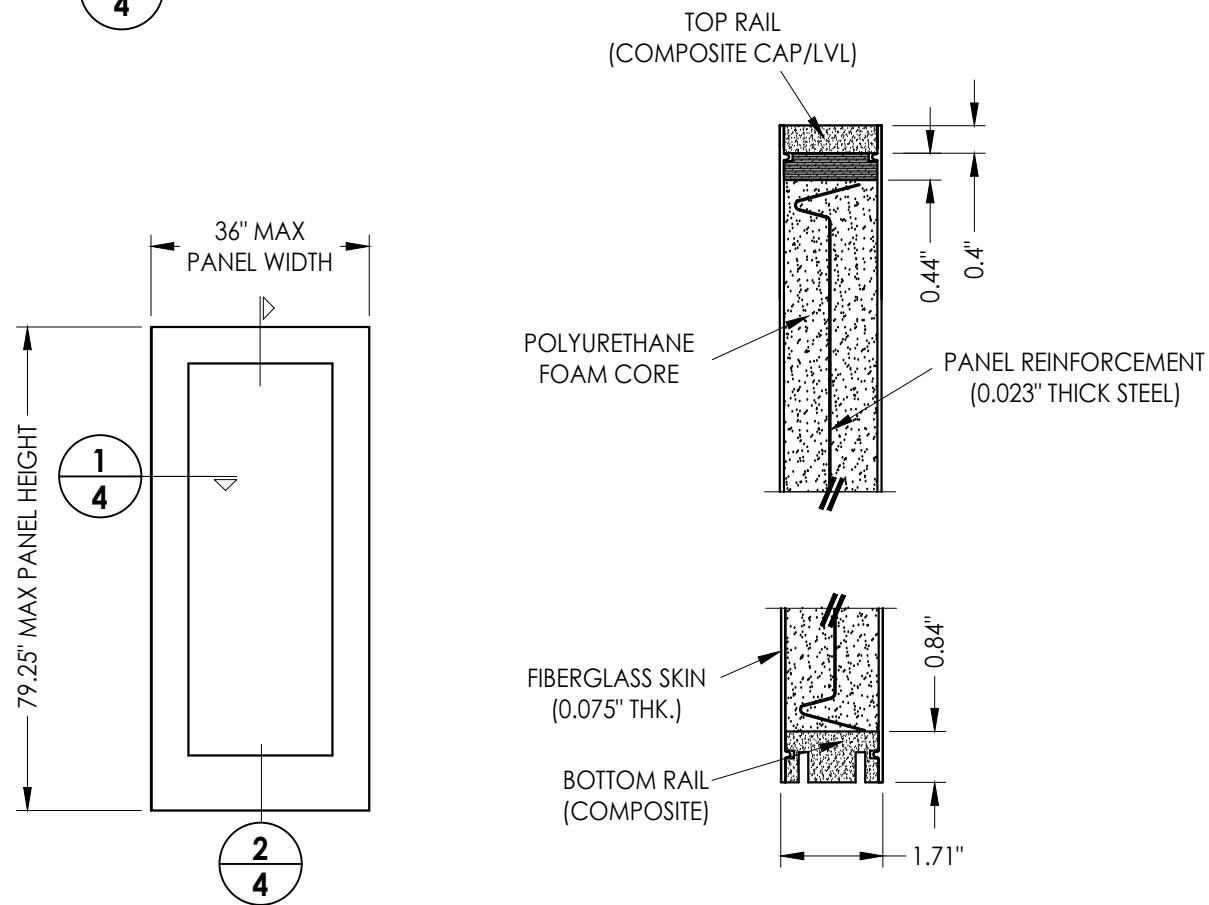
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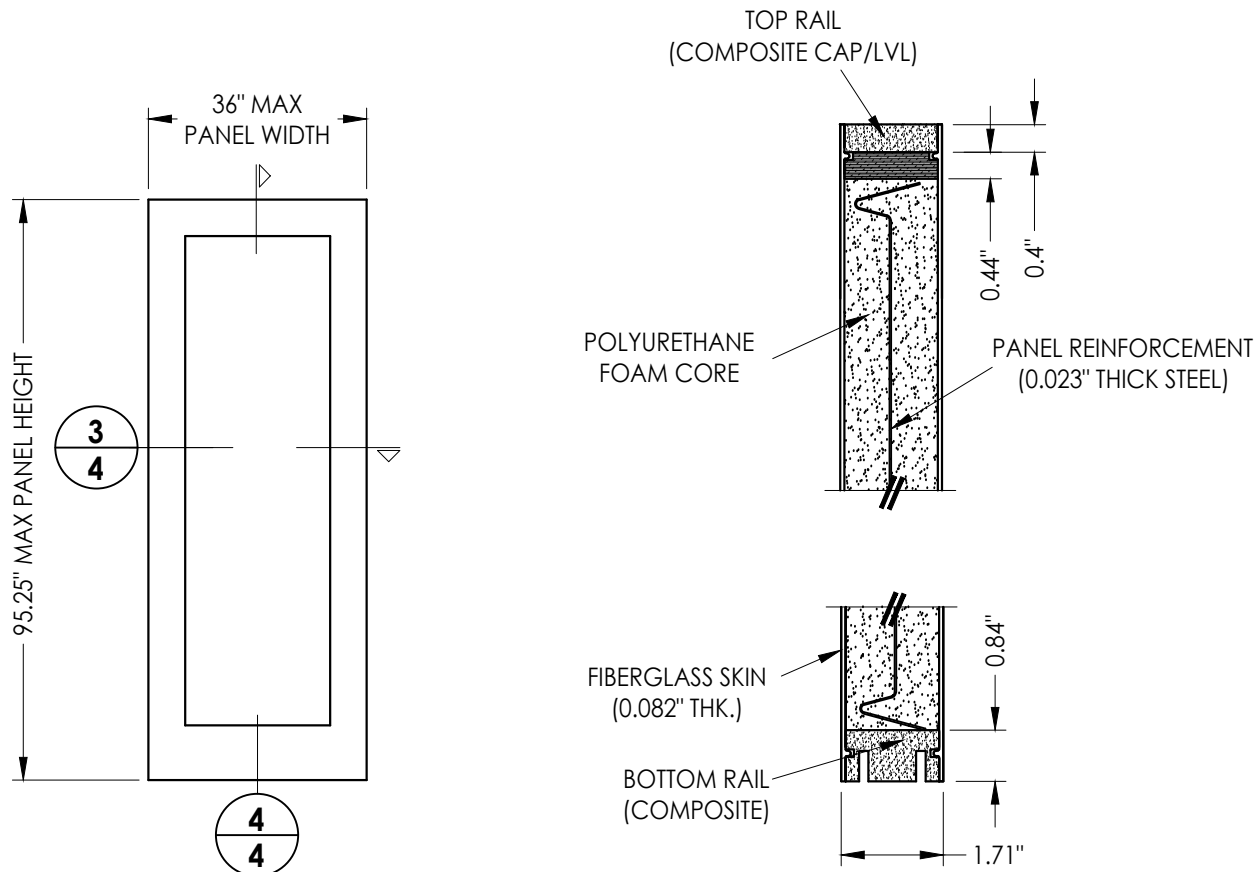
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4 HORIZONTAL CROSS SECTION



3
4 HORIZONTAL CROSS SECTION



2
4 FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 6'-8"



4
4 FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 8'-0"

NOTE: SEE GENERAL NOTE 6, SHEET 1 FOR DESIGN
PRESSURE LIMITATIONS

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Lyndon F. Schmidt
P.E. No. 43409

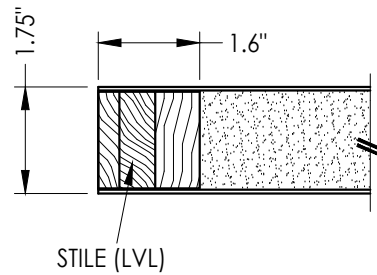
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	TRIMLITE
PART OR ASSEMBLY:	DOOR PANELS DETAILS (THERMA-TRU FIBERGLASS)

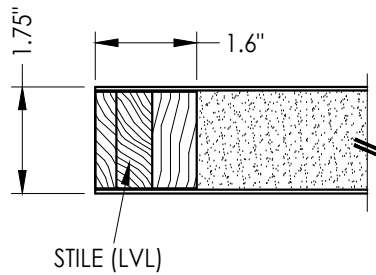
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3	10/10/18	ADD NOTE SHEET 3		RW
2	2/01/18	UPDATE FOR NEW TESTING		LFS
1	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY

DATE:	12/7/16
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DWG. BY:	JK
CHK. BY:	LFS
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SHEET	4 OF 9

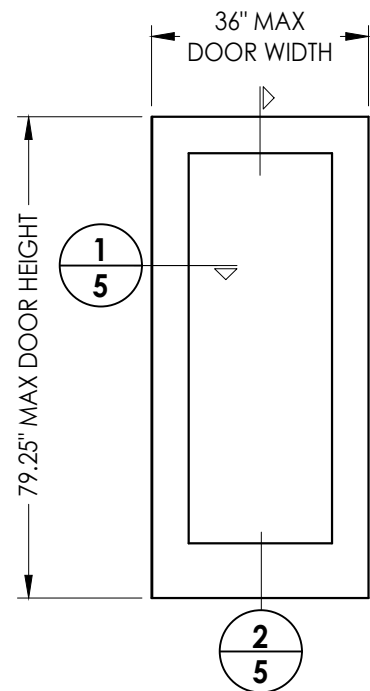
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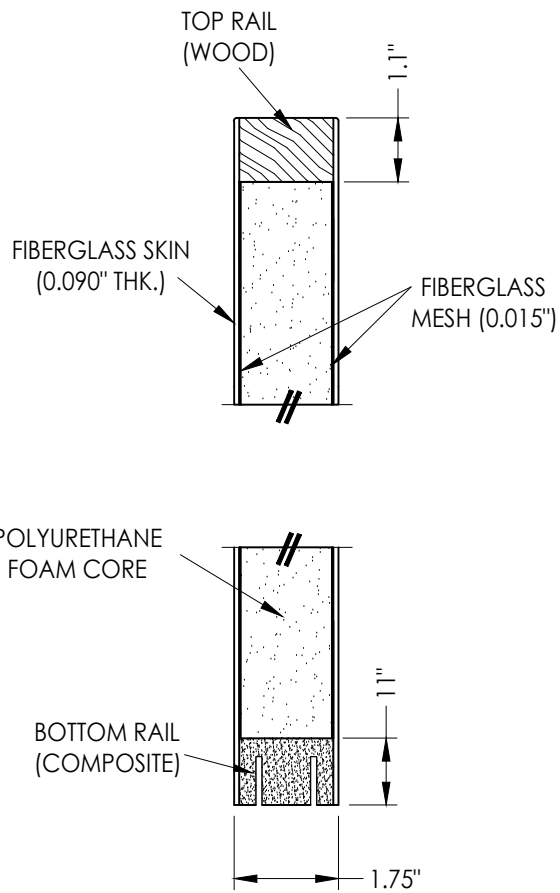
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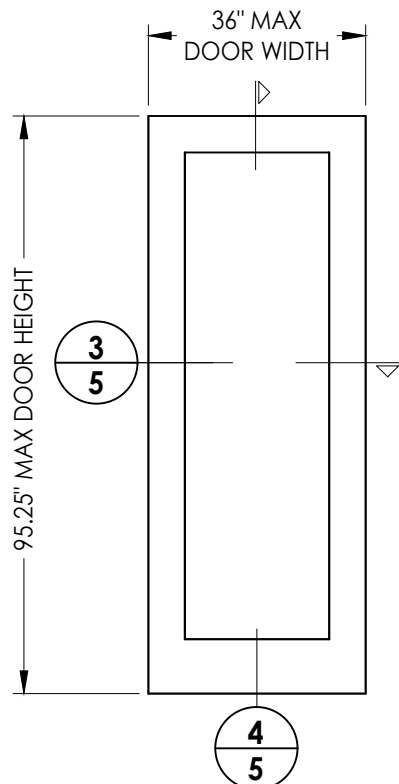
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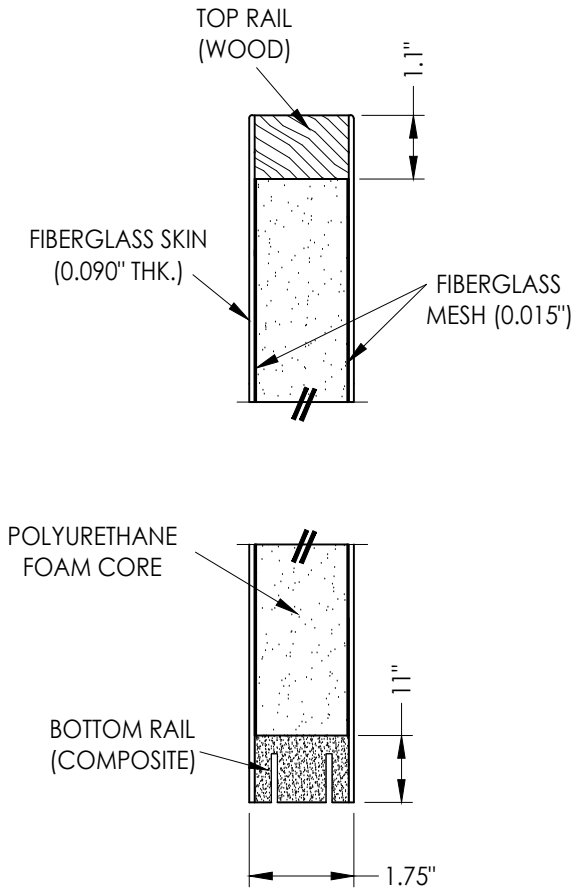
FIBERGLASS DOOR/SIDELITE PANEL
Masonite 6'- 8"



2
5 VERTICAL CROSS SECTION



FIBERGLASS DOOR/SIDELITE PANEL
Masonite 8'- 0"



4
5 VERTICAL CROSS SECTION

NOTE: SEE GENERAL NOTE 6, SHEET 1 FOR DESIGN
PRESSURE LIMITATIONS

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

PRODUCT: TRIMLITE

PART OR ASSEMBLY:
DOOR PANELS DETAILS
(MASONITE FIBERGLASS)

NO.	DATE	REVISIONS
5	8/29/23	UPDATE TO 8TH ED. (2023) FBC
4	8/06/20	UPDATE TO 7TH ED. (2020) FBC
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2	2/01/18	UPDATE FOR NEW TESTING
1	9/27/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 12/7/16

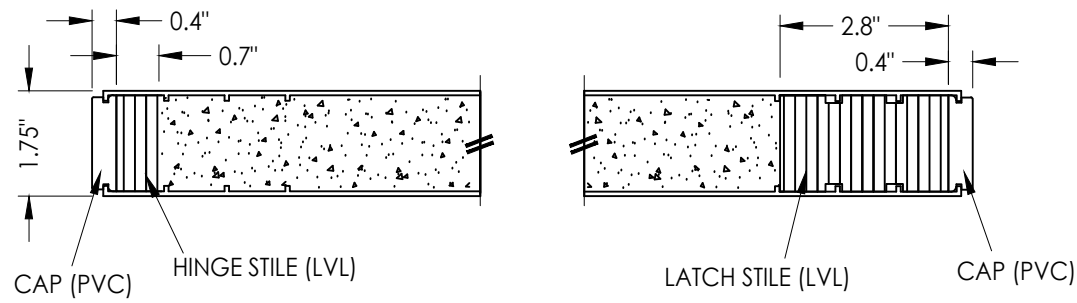
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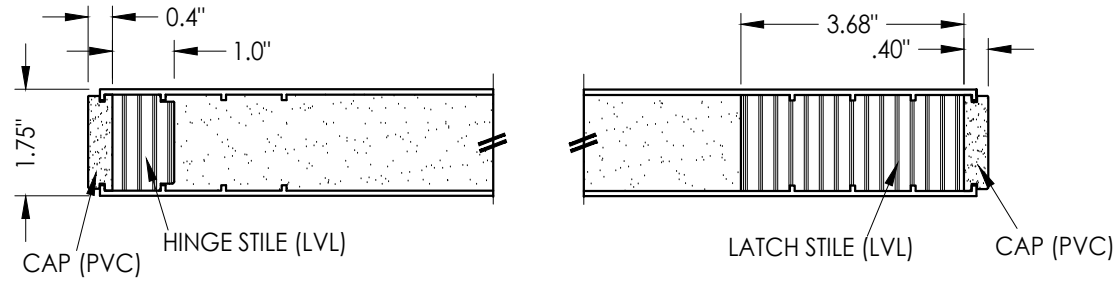
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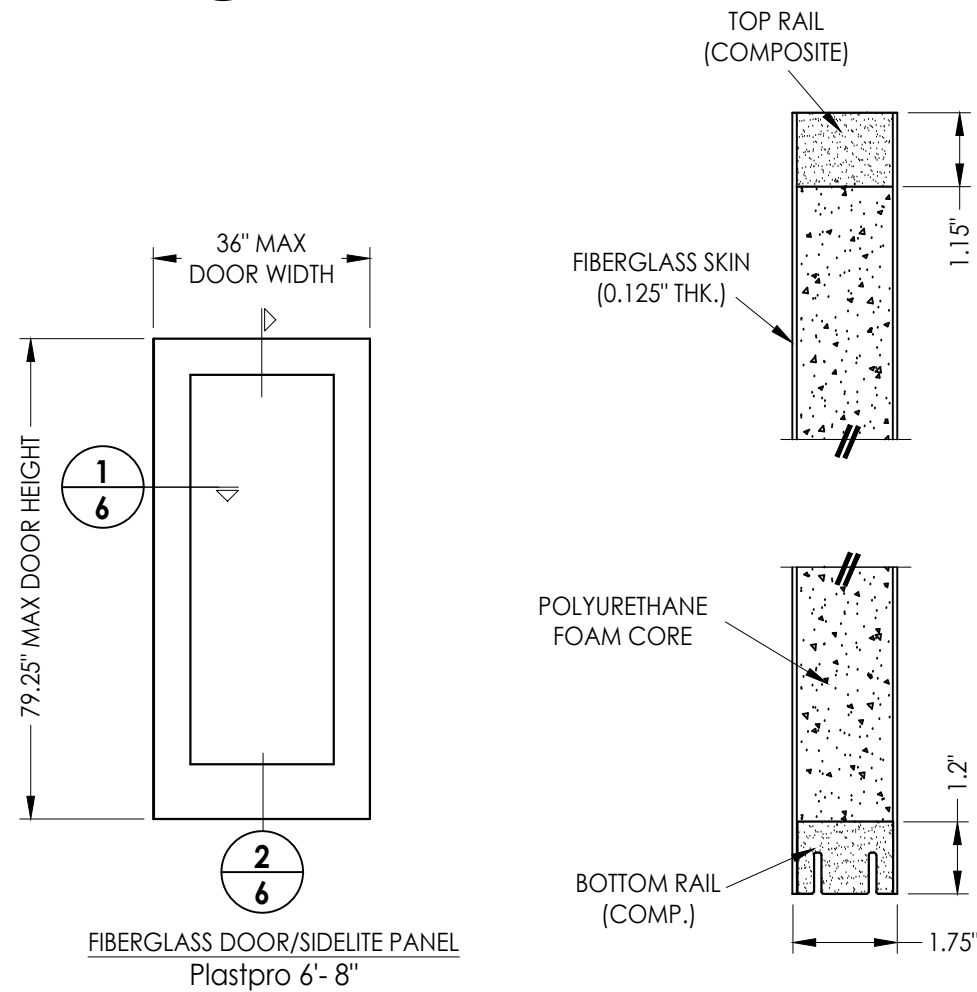
SHEET 5 OF 9



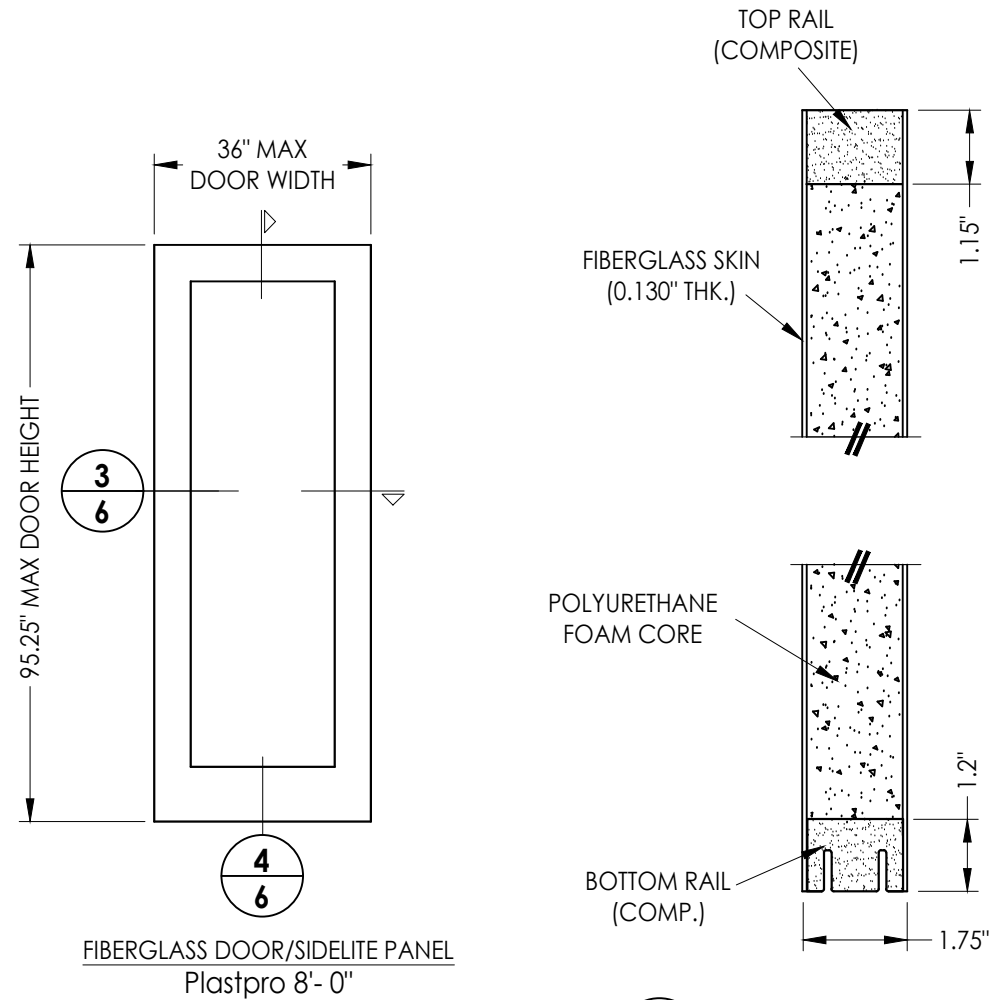
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6 HORIZONTAL CROSS SECTION



3
6 HORIZONTAL CROSS SECTION



2
6 VERTICAL CROSS SECTION



4
6 VERTICAL CROSS SECTION

NOTE: SEE GENERAL NOTE 6, SHEET 1 FOR DESIGN PRESSURE LIMITATIONS

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

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

PRODUCT:		TRIMLITE	
PART OR ASSEMBLY:		DOOR PANELS DETAILS (PLASTPRO FIBERGLASS)	
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4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC
3	10/10/18	ADD NOTE SHEET 3	RW
2	2/01/18	UPDATE FOR NEW TESTING	LFS
1	9/27/17	UPDATE TO 6TH ED. (2017)	FBC
NO.	DATE		
REVISIONS			

DATE: 12/7/16

SCALE: N.T.S.

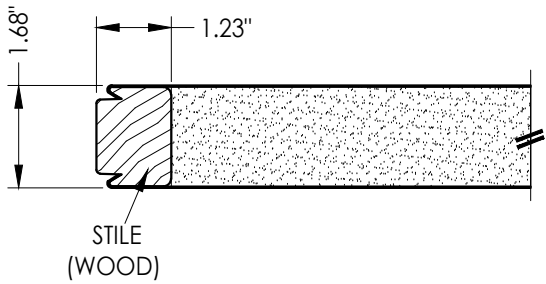
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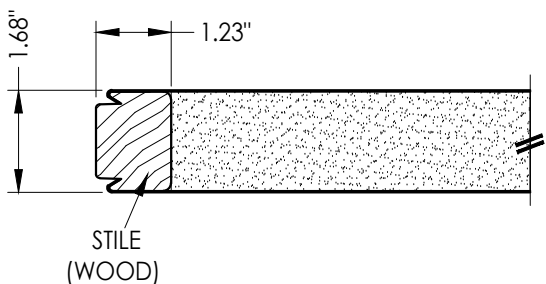
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SHEET 6 OF 9

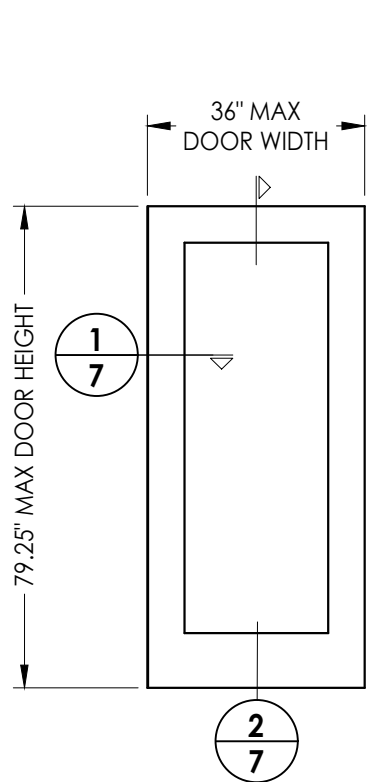
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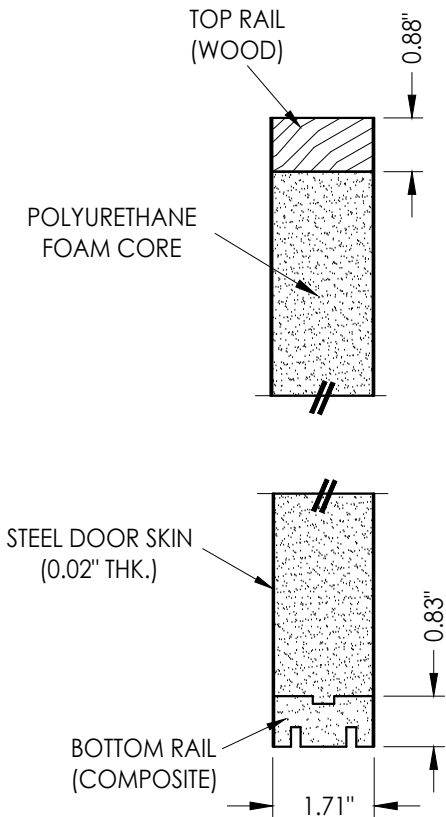
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7 HORIZONTAL CROSS SECTION



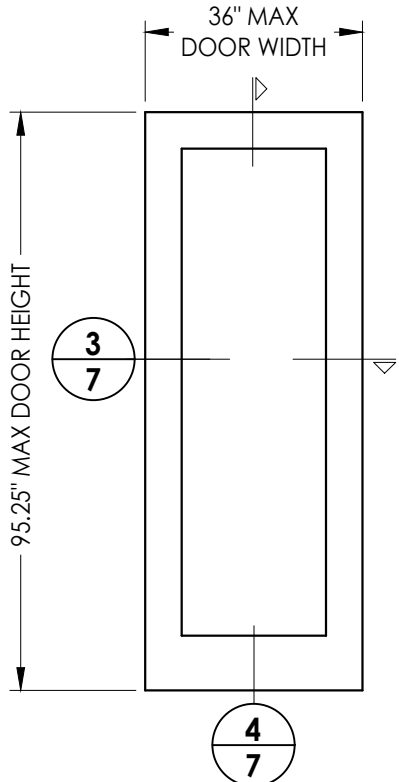
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7 HORIZONTAL CROSS SECTION



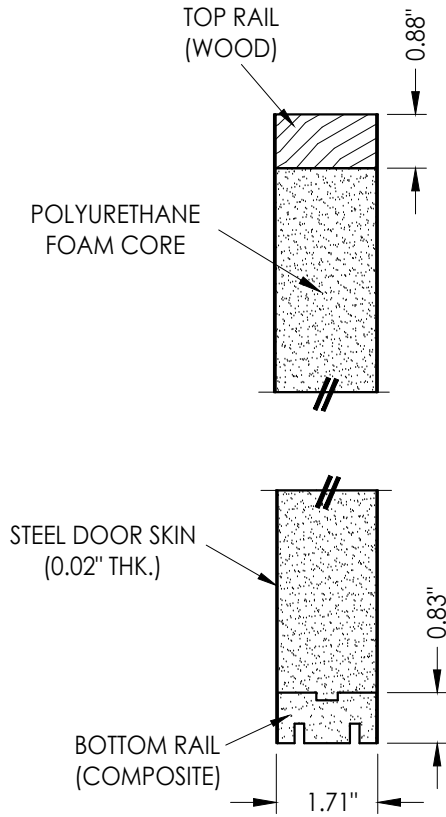
STEEL DOOR/SIDELITE PANEL
Therma-Tru 6'-8"



2
7 VERTICAL CROSS SECTION



STEEL DOOR/SIDELITE PANEL
Therma-Tru 8'-0"



4
7 VERTICAL CROSS SECTION

NOTE: SEE GENERAL NOTE 6, SHEET 1 FOR DESIGN
PRESSURE LIMITATIONS

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

PRODUCT:	TRIMLITE
	PART OR ASSEMBLY: DOOR PANELS DETAILS (THERMA-TRU STEEL)

NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
5	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
3	10/10/18	ADD NOTE SHEET 3		RW	
2	2/01/18	UPDATE FOR NEW TESTING		LFS	
1	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 12/7/16

SCALE: N.T.S.

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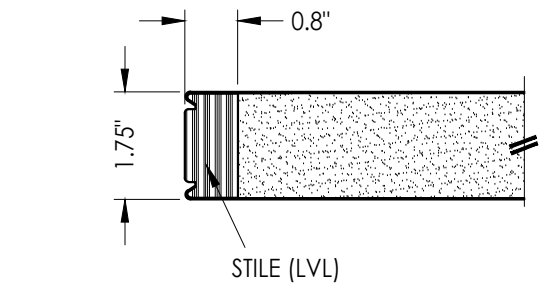
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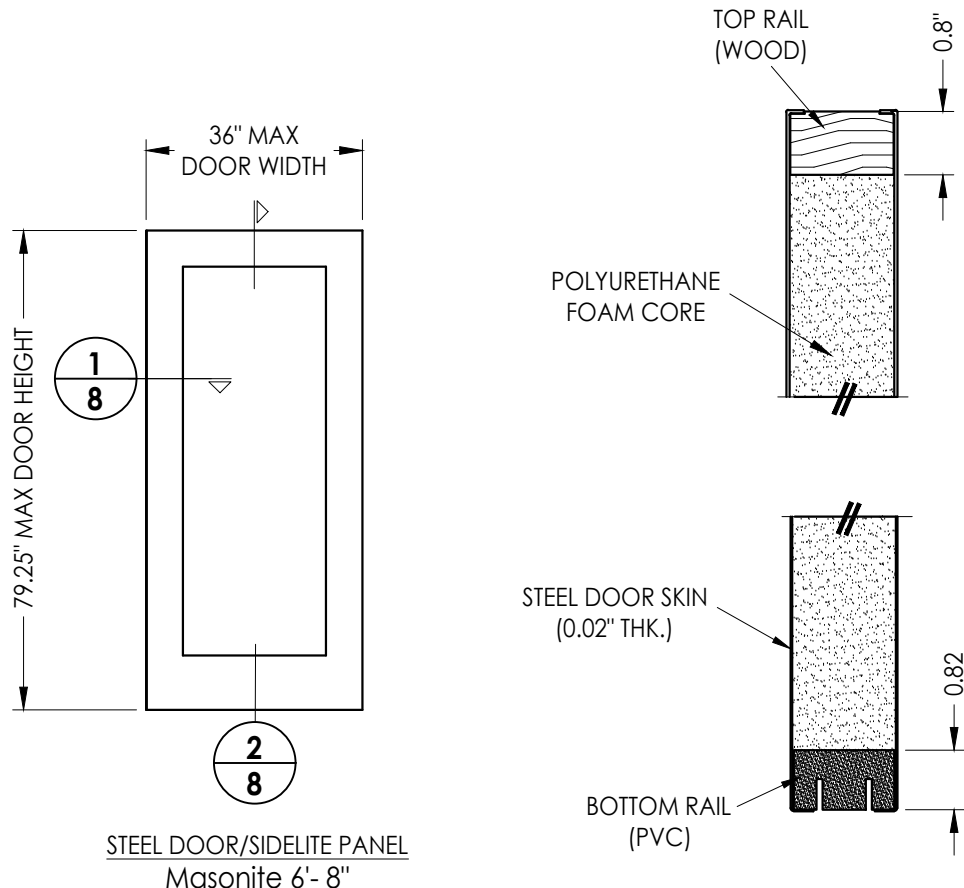
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SHEET 7 OF 9

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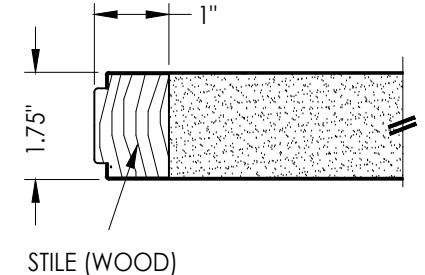


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8 HORIZONTAL CROSS SECTION

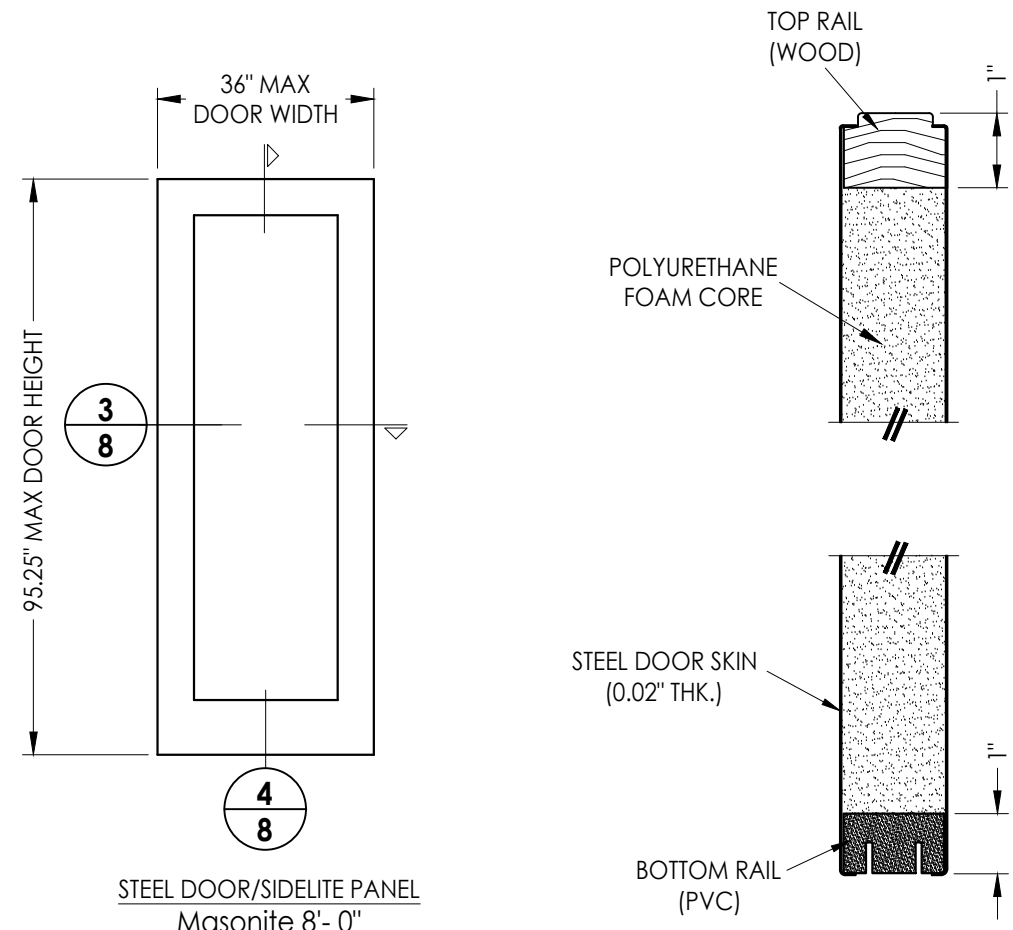


STEEL DOOR/SIDELITE PANEL
Masonite 6'-8"

2
8 VERTICAL CROSS SECTION



3
8 HORIZONTAL CROSS SECTION



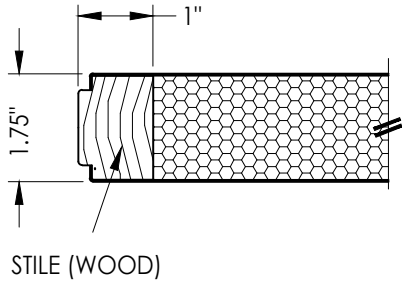
STEEL DOOR/SIDELITE PANEL
Masonite 8'-0"

4
8 VERTICAL CROSS SECTION

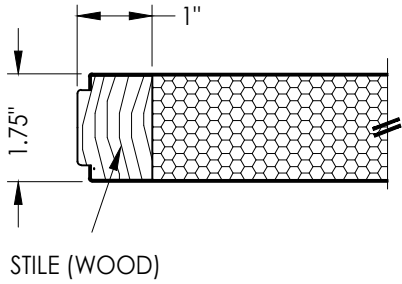
NOTE: SEE GENERAL NOTE 6, SHEET 1 FOR DESIGN
PRESSURE LIMITATIONS

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:		TRIMLITE		PART OR ASSEMBLY:	
				DOOR PANELS DETAILS (MASONITE STEEL)	
5	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
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2	2/01/18	UPDATE FOR NEW TESTING		LFS	
1	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
NO.		DATE			BY
REVISIONS					
DATE: 12/7/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-21462.2					
SHEET 8 OF 9					

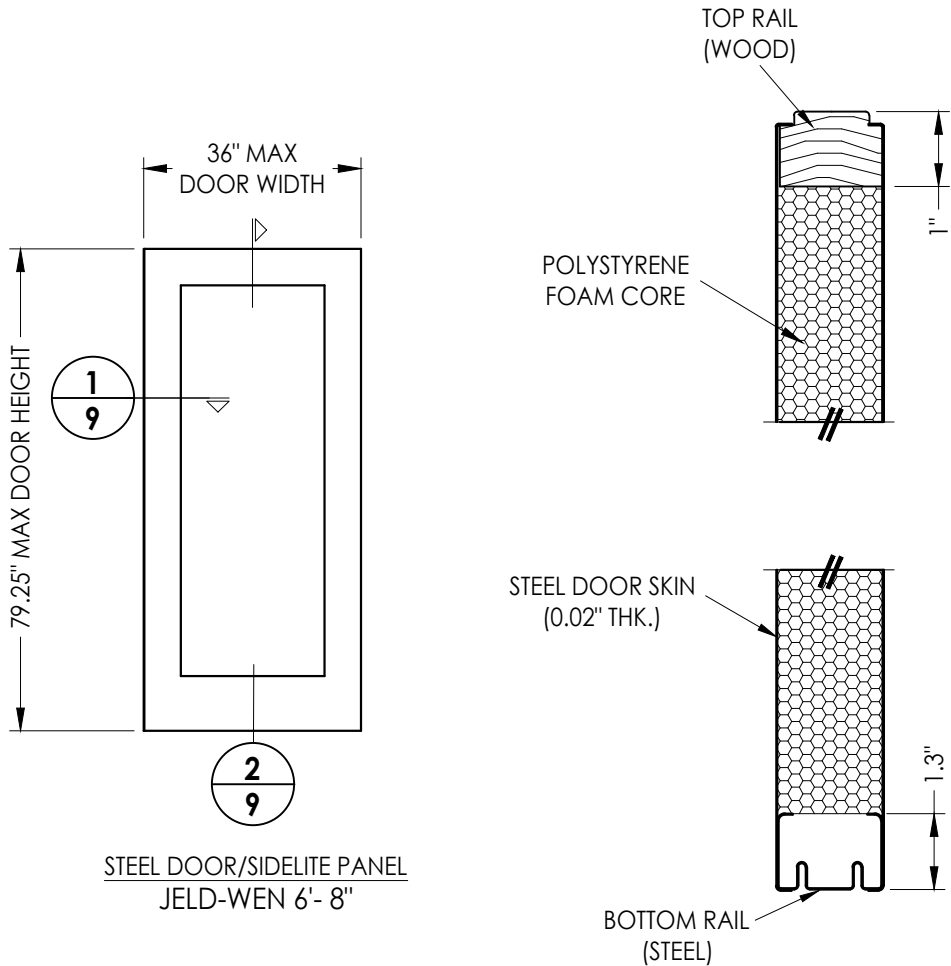
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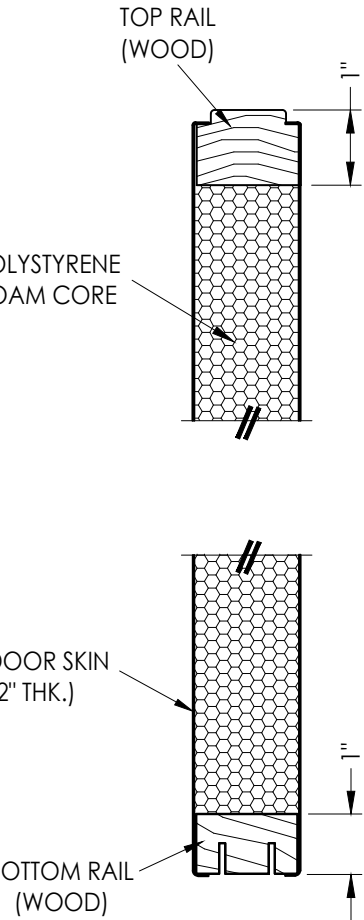
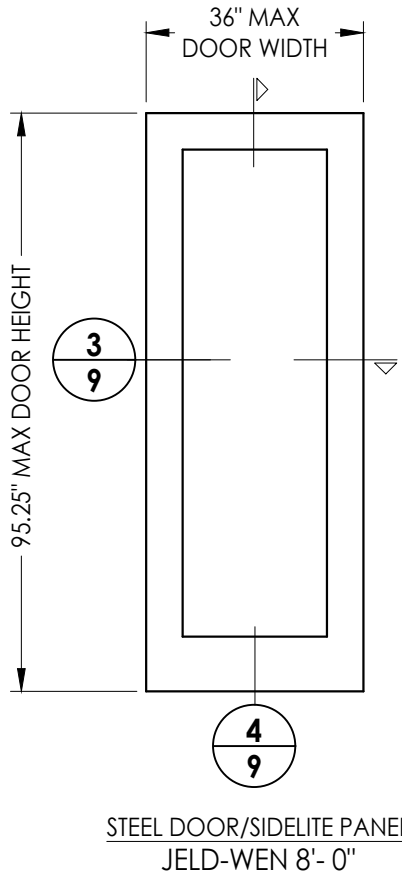
1
9 HORIZONTAL CROSS SECTION



3
9 HORIZONTAL CROSS SECTION



2
9 VERTICAL CROSS SECTION



4
9 VERTICAL CROSS SECTION

NOTE: SEE GENERAL NOTE 6, SHEET 1 FOR DESIGN PRESSURE LIMITATIONS

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:					TRIMLITE					PART OR ASSEMBLY: DOOR PANELS DETAILS (JELD-WEN STEEL)				
5	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS										
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS										
3	10/10/18	ADD NOTE SHEET 3		RW										
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NO.	DATE			BY										
REVISIONS														
DATE: 12/7/16														
SCALE: N.T.S.														
DWG. BY: JK														
CHK. BY: LFS														
DRAWING NO.: FL-21462.2														
SHEET 9 OF 9														