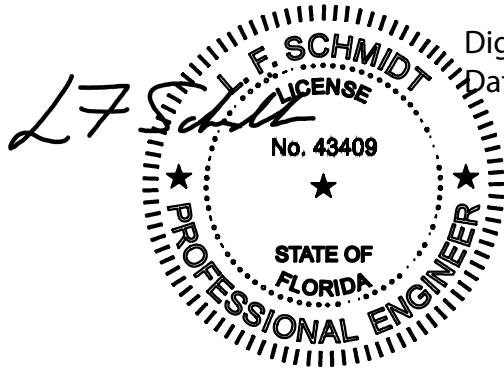
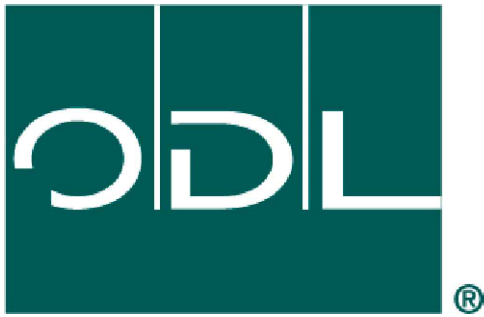




Digitally signed by Lyndon F Schmidt
Date: 2023.07.26 12:14:27 -04'00'

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.

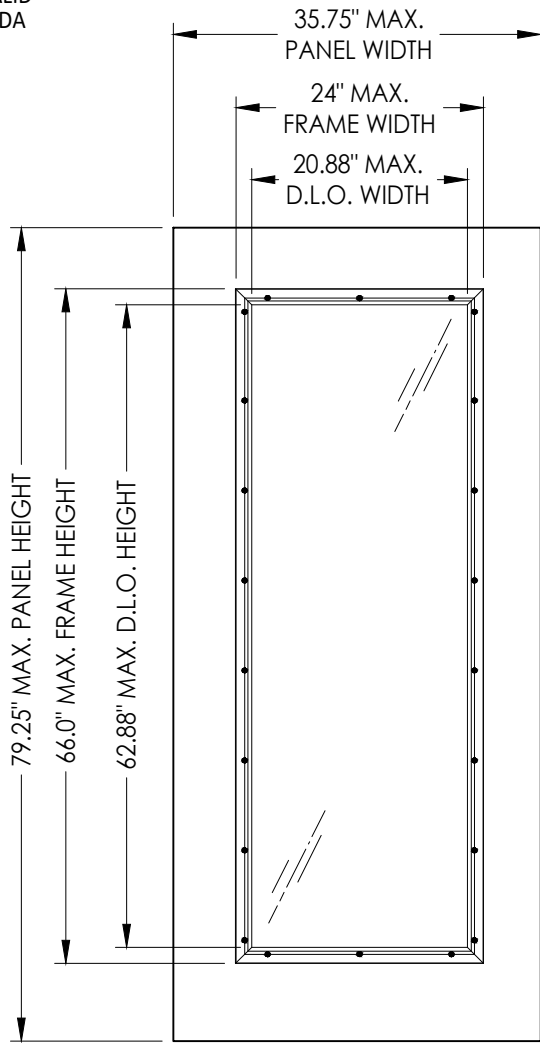
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

ODL, Inc.
Evolve Lite Frame System
DOORGLASS ASSEMBLY
FOR GLAZING UP TO A 3'0 x 8'0" SINGLE PANEL
"NON-IMPACT"

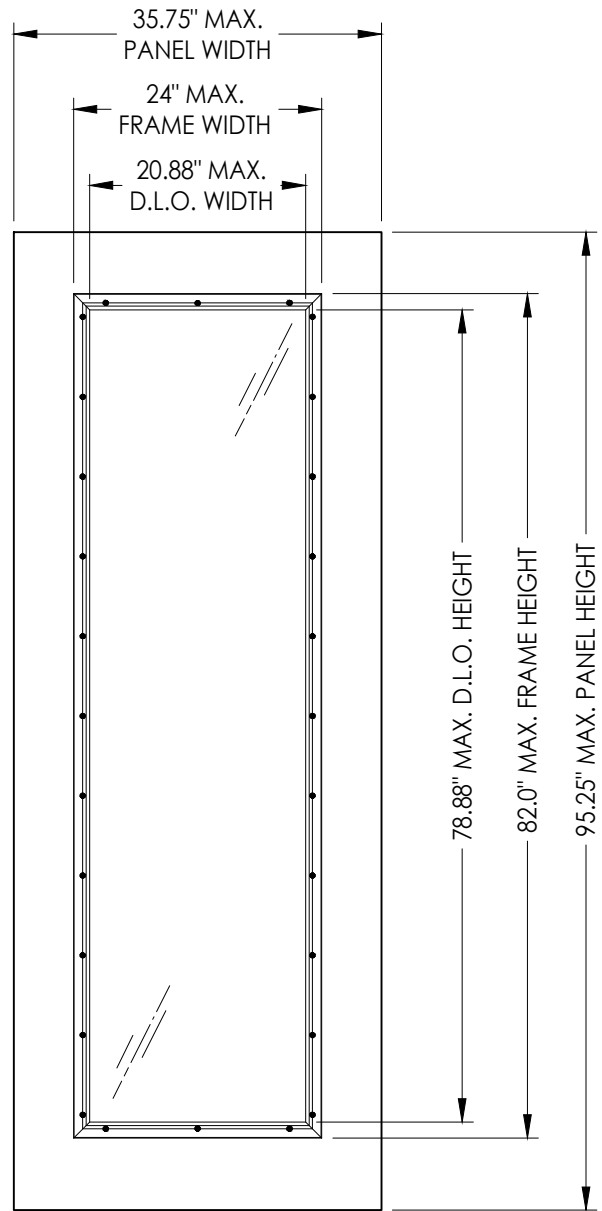
GENERAL NOTES

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. 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.
3. This product is approved for use as a substitute doorglass assembly in conjunction with a glazed steel or fiberglass side hinged swing door and/or fixed sidelite possessing a comparable current Florida Statewide product approval.
4. The design pressure (DP) rating shall be the lesser of the DP rating shown on Sheet 1 of this approval or the DP rating shown in the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
5. The door panel and lite opening size shall not exceed the sizes shown in this approval or the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
6. This product has been tested in the door and/or sidelite panels as specified on Sheets 3 & 4 of this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the glazed steel or fiberglass door and/or sidelite used must possess a comparable current Florida Statewide product approval.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Frame & glazing details & bill of materials
3	Fiberglass door panels
4	Steel door panels



6'-8" DOOR/SIDELITE PANEL



8'-0" DOOR/SIDELITE PANEL

MAX DESIGN PRESSURE RATINGS (PSF) *		
DOOR TYPE	POSITIVE	NEGATIVE
6'-8" STEEL	+60.0	-60.0
6'-8" FIBERGLASS	+65.0	-65.0
8'-0" STEEL	+60.0	-60.0
8'-0" FIBERGLASS	+65.0	-65.0

*SEE SHEETS 3 & 4 FOR DOOR PANEL DESIGN PRESSURE RATING 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

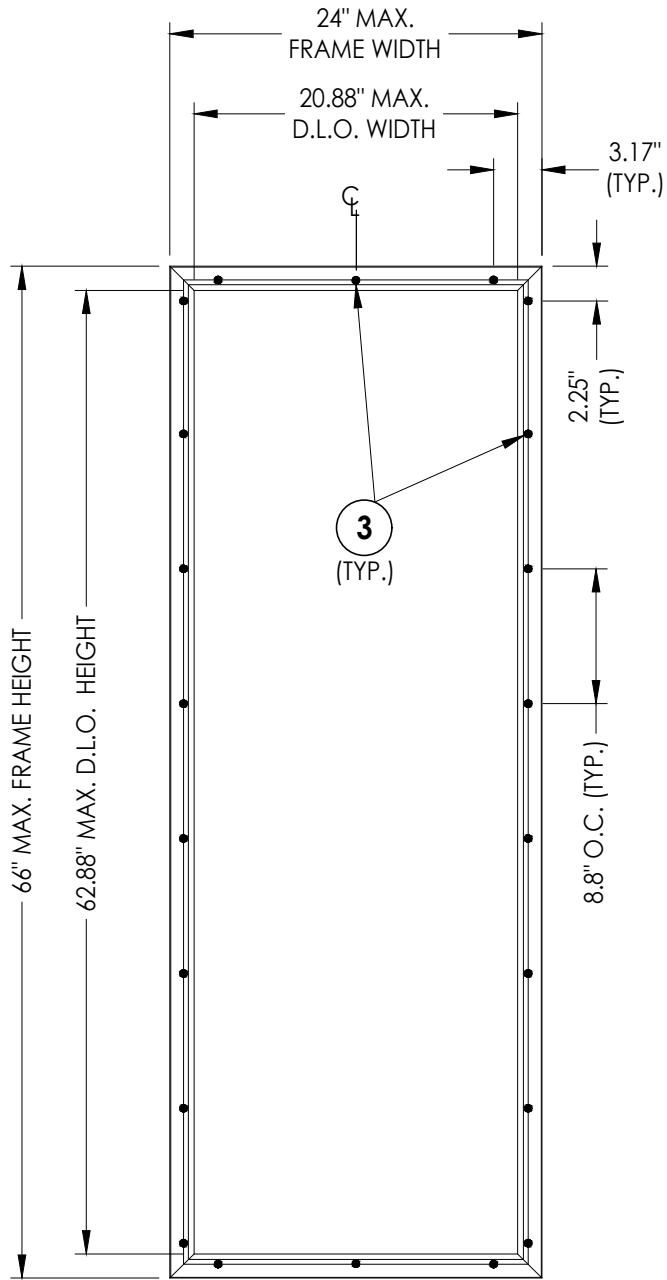
PRODUCT: EVOLVE LITE FRAME SYSTEM
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS			
		DATE	BY	CHK	APP
5	7/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS		
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC	DAC		
3	4/04/19	UPDATE D.P. FOR NEW TESTING	LFS		
2	10/03/18	REVISE GLAZING DETAIL	LFS		
1	9/26/17	UPDATE TO 6TH ED. (2017) FBC	JK		

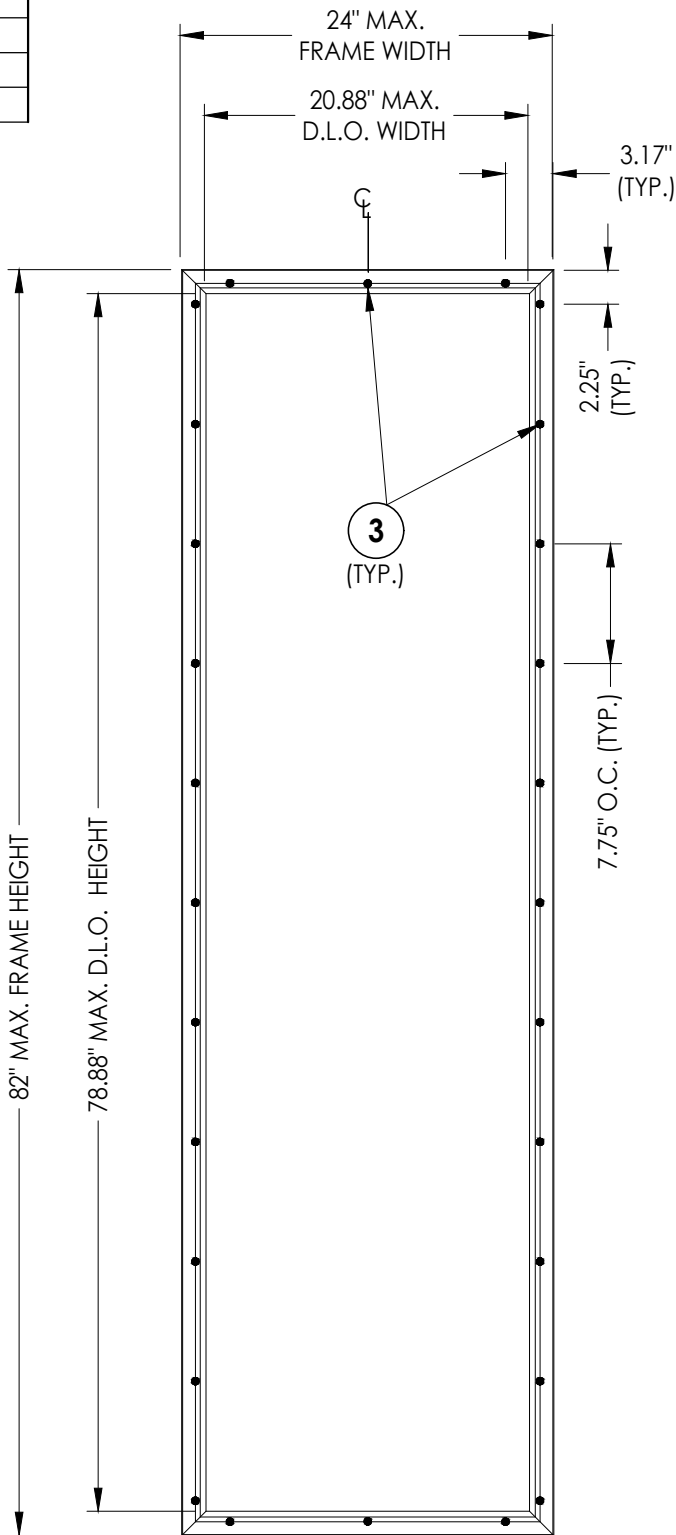
DATE: 3/31/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15260.15
SHEET 1 OF 4

Z:\2023 FBC Drawings\ODL, Inc\FL-15260 R11\FL-15260.15.dwg

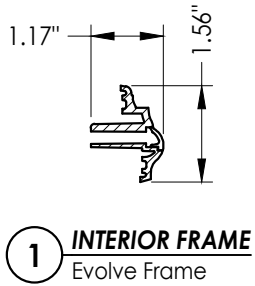
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	INTERIOR FRAME (EVOLVE)	HP-POLYPRO
2	EXTERIOR FRAME (EVOLVE)	HP-POLYPRO
3	#8 X 1-1/2" PPH SMS (HI-LO THREAD)	STEEL



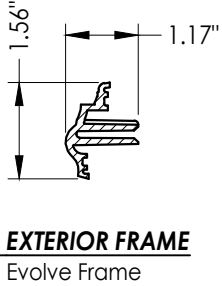
EVOLVE FRAME SYSTEM
HP Polypropylene
6'-8" DOOR



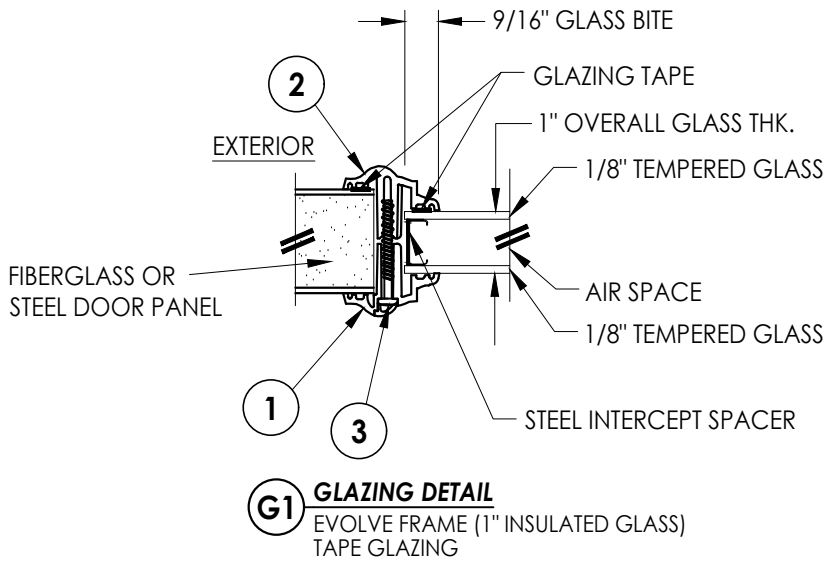
EVOLVE FRAME SYSTEM
HP Polypropylene
8'-0" DOOR



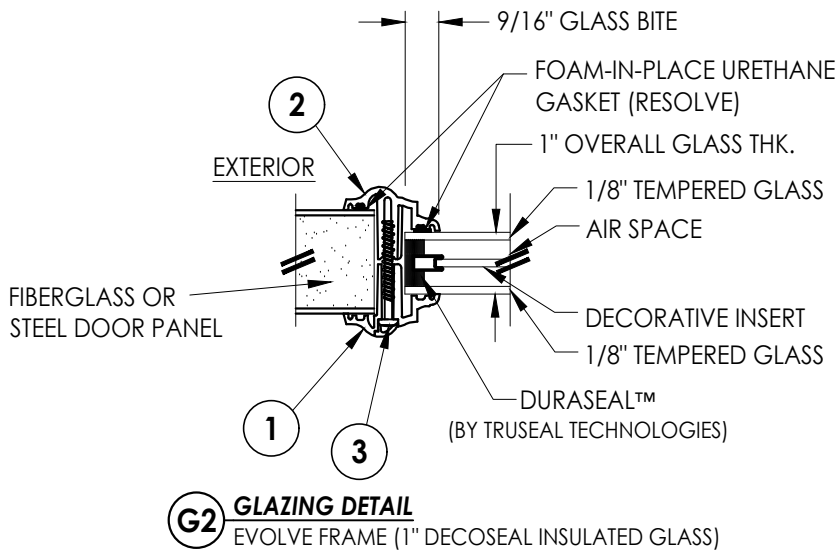
1 INTERIOR FRAME
Evolve Frame



2 EXTERIOR FRAME
Evolve Frame



G1 GLAZING DETAIL
EVOLVE FRAME (1" INSULATED GLASS)
TAPE GLAZING



G2 GLAZING DETAIL
EVOLVE FRAME (1" DECOSEAL INSULATED GLASS)
RESOLVE GASKET

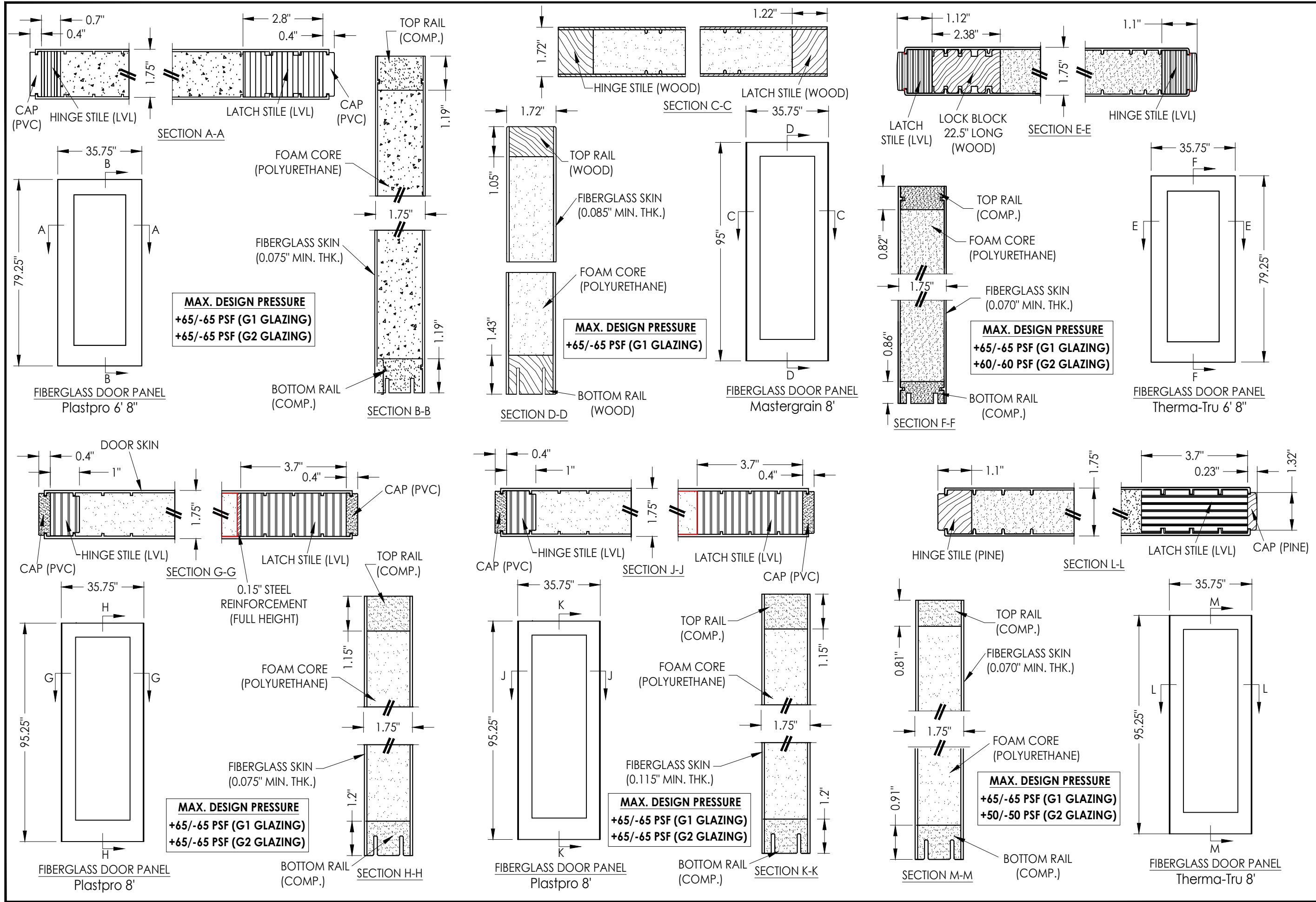
Documents Prepared By:
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P.E. No. 43409

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

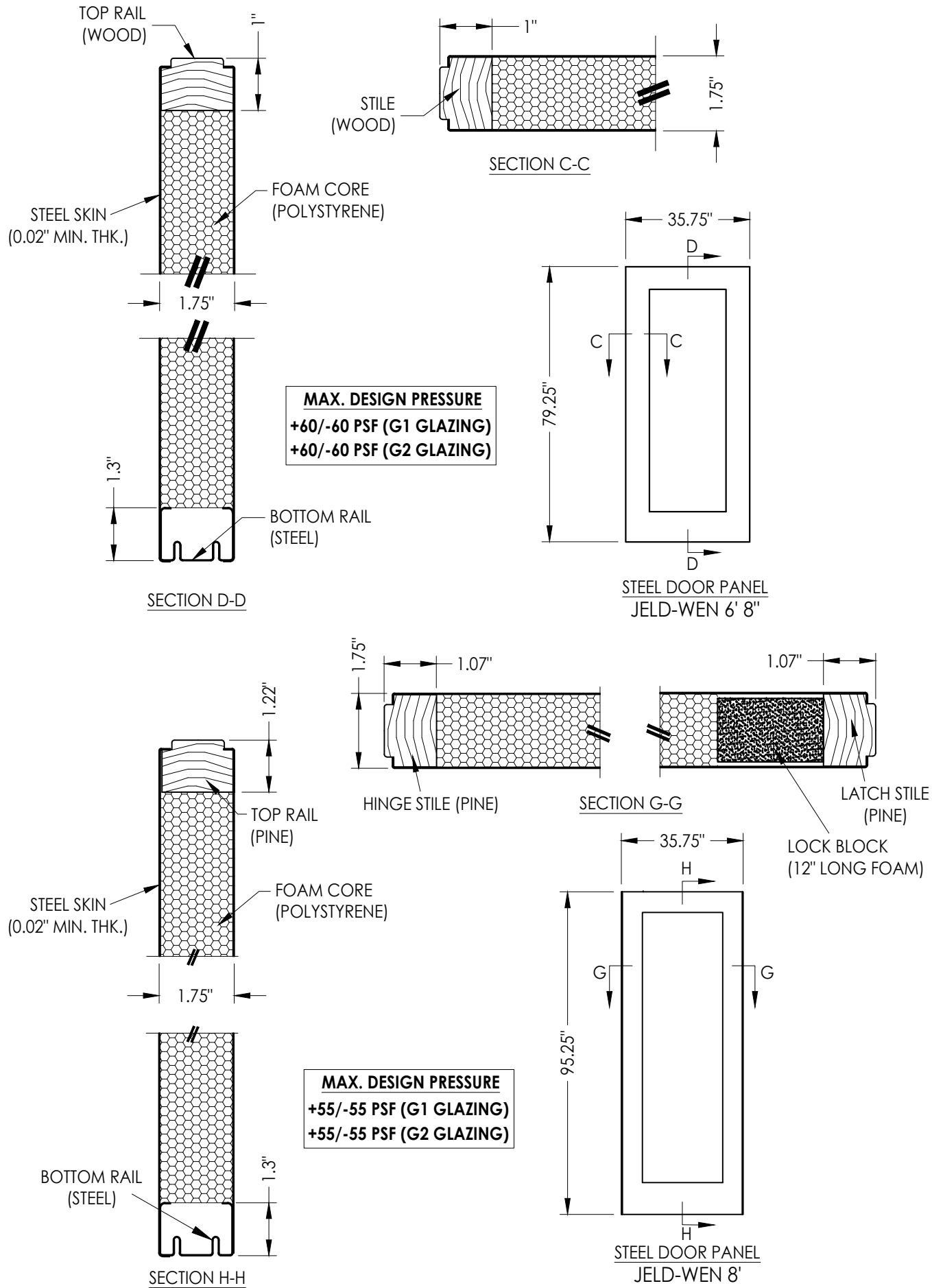
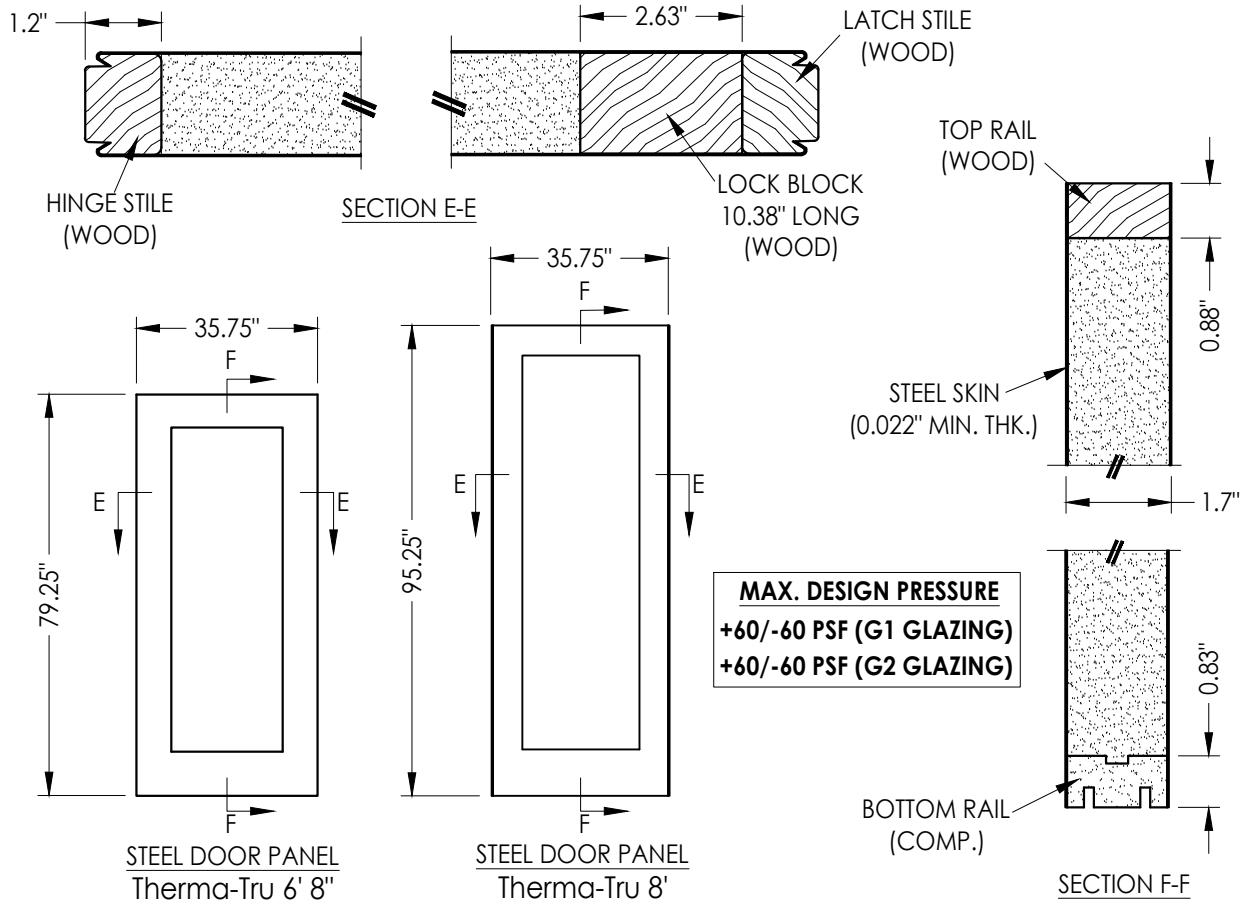
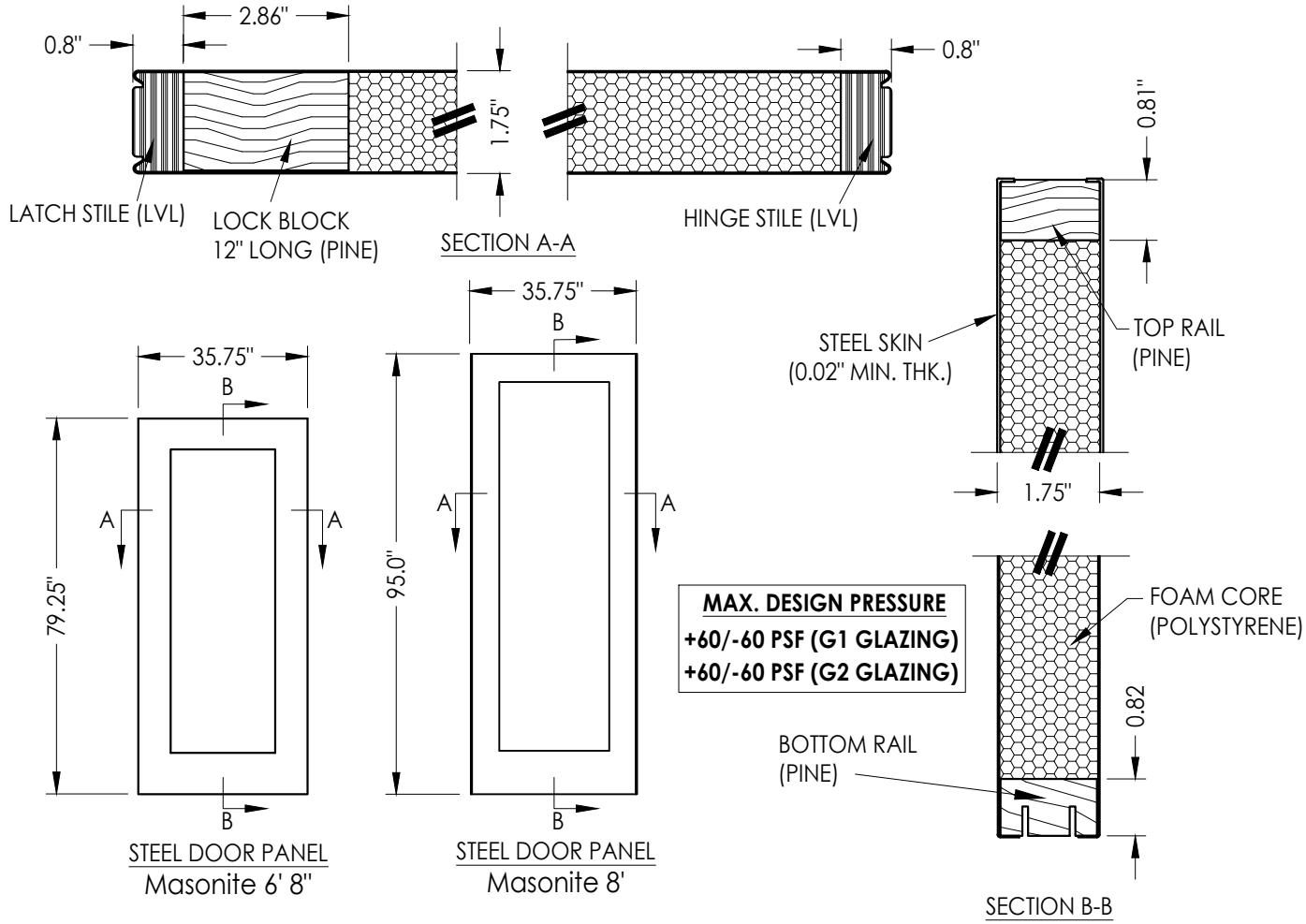
PRODUCT:	EVOLVE LITE FRAME SYSTEM
	PART OR ASSEMBLY: FRAME & GLAZING DETAILS & BILL OF MATERIALS

NO.	DATE	REVISIONS			
		5	7/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC	DAC		
3	4/04/19	UPDATE D.P. FOR NEW TESTING	LFS		
2	10/03/18	REVISE GLAZING DETAIL	LFS		
1	9/26/17	UPDATE TO 6TH ED. (2017) FBC	JK		

DATE:	3/31/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15260.15
SHEET	2 OF 4



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: EVOLVE LITE FRAME SYSTEM		PART OR ASSEMBLY: FIBERGLASS DOOR PANELS	
5	7/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC	DAC
3	4/04/19	UPDATE D.P. FOR NEW TESTING	LFS
2	10/03/18	REVISE GLAZING DETAIL	LFS
1	9/26/17	UPDATE TO 6TH ED. (2017) FBC	JK
NO.	DATE		BY
REVISIONS			
DATE: 3/31/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15260.15			
SHEET 3 OF 4			



PRODUCT:		EVOLVE LITE FRAME SYSTEM		
PART OR ASSEMBLY:		STEEL DOOR PANELS		
REVISONS				
5	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	4/04/19	UPDATE D.P. FOR NEW TESTING		LFS
2	10/03/18	REVISE GLAZING DETAIL		LFS
1	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY
DATE: 3/31/15				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15260.15				
SHEET 4 OF 4				

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

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