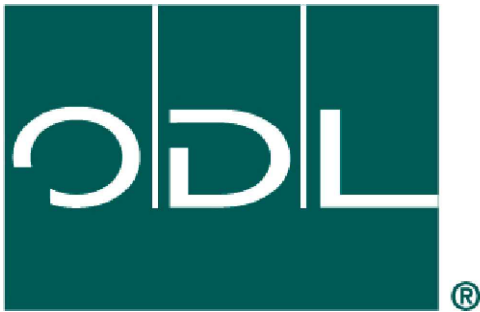




ODL, Inc.

SMART FRAME

DOOR GLASS ASSEMBLY FOR GLAZING

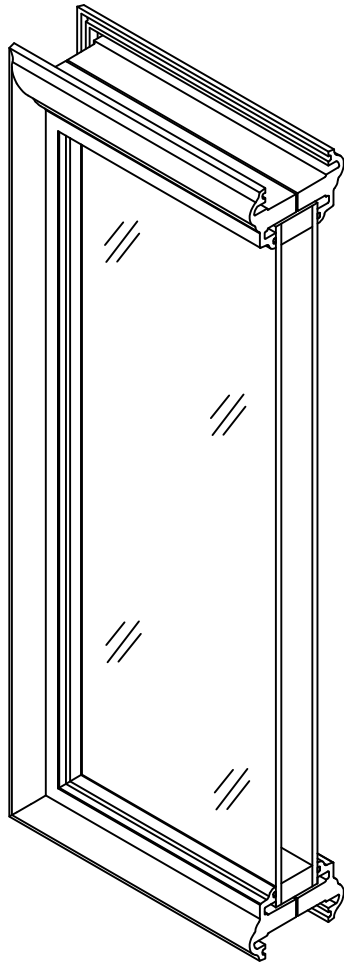
UP TO A 3'0 x 8'0 SINGLE PANEL

"NON-IMPACT"

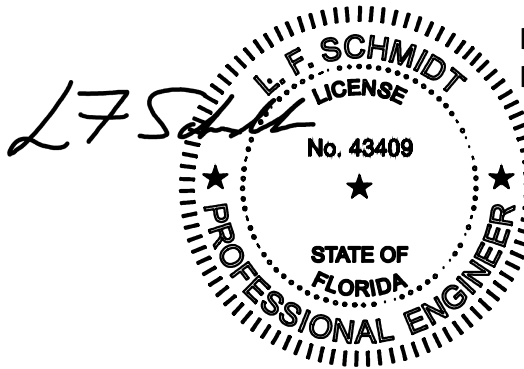
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the High Velocity Hurricane Zone (HVHZ).
2. 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.
3. This product is approved for use as a substitute doorglass assembly in conjunction with a glazed 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 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 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 Sheet 3 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 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	Cross sections and glazing details
3	Fiberglassl door panels



SMART FRAME DOORGLASS ASSEMBLY

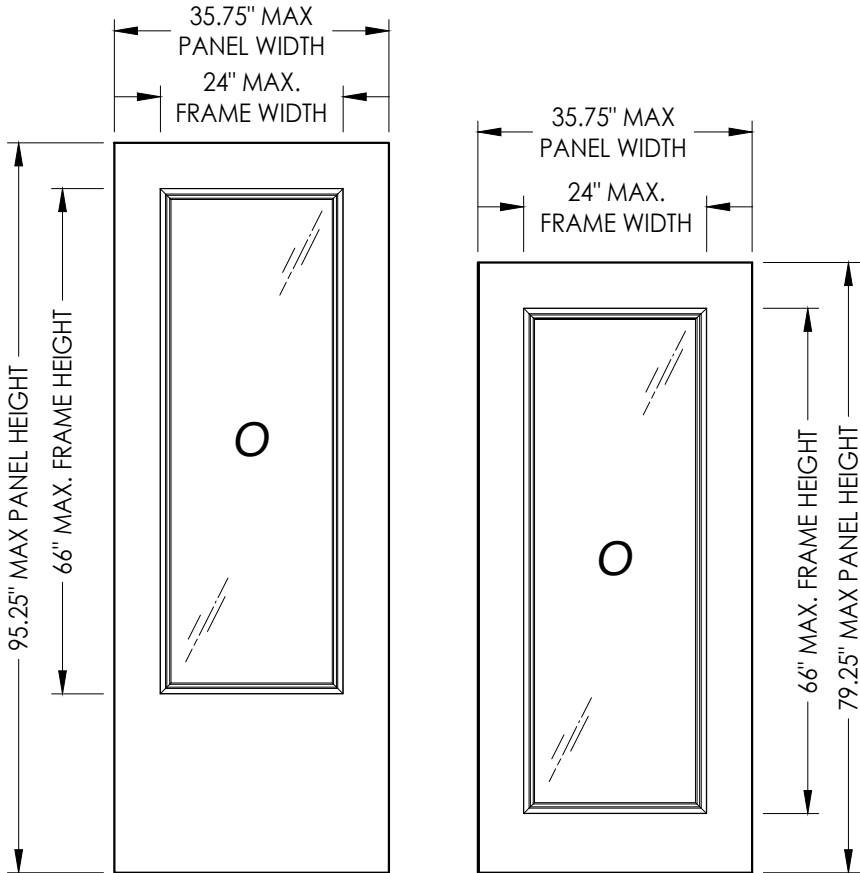


Digitally signed by Lyndon F Schmidt
Date: 2023.07.26 12:07:52 -04'00'

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

SMART FRAME DESIGN PRESSURE RATING (PSF)		
GLAZING TYPE TEMPERED	POSITIVE	NEGATIVE
1" INSUL.	+60.0	-60.0



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

PRODUCT: SMART FRAME

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

5

7/01/23

UPDATE TO 8TH ED. (2023) FBC

LFS

4

8/05/20

UPDATE TO 7TH ED. (2020) FBC

DAC

3

9/27/18

REMOVED TRADITIONAL FRAME

LFS

2

9/26/17

UPDATE TO 6TH ED. (2017) FBC

JK

1

3/28/15

UPDATE TO 5TH ED. (2014) FBC

JK

NO.

DATE

BY

REVISIONS

DATE: 2/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15260.5

SHEET 1 OF 3

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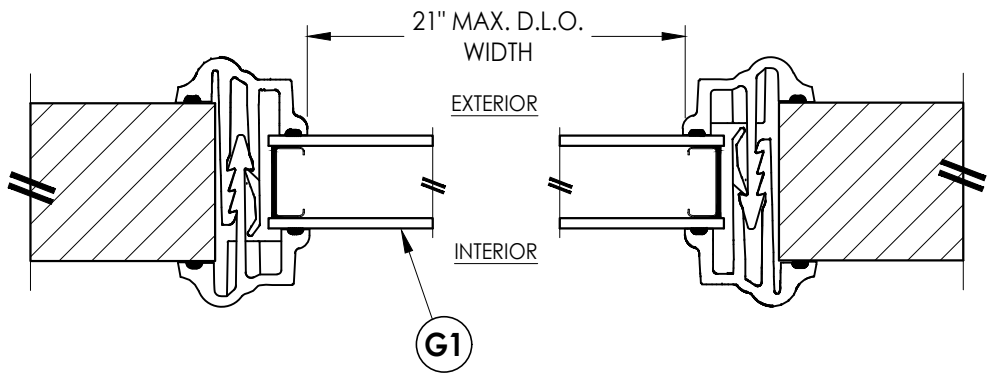
RW

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

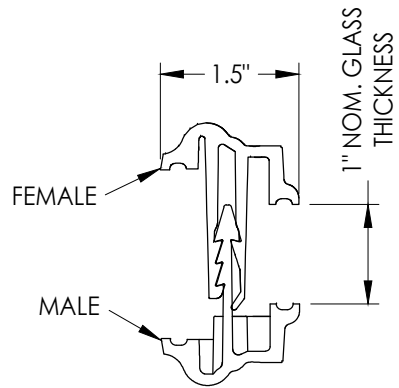
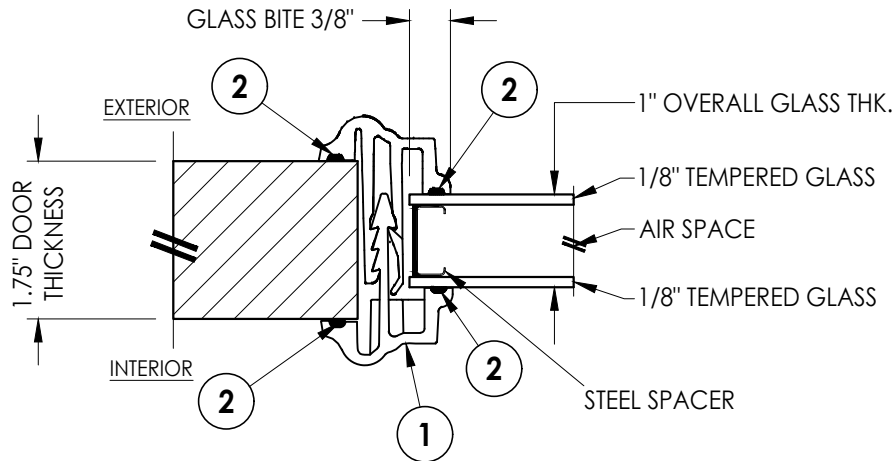
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	ODL SMART FRAME	HP POLYPRO
2	FOAM-IN-PLACE GASKET	URETHANE

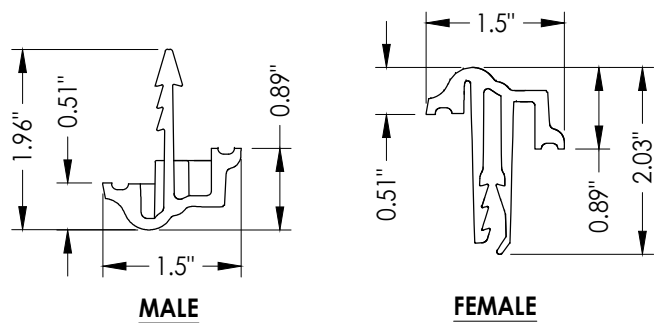
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2
HORIZONTAL CROSS SECTION



G1
GLAZING DETAIL

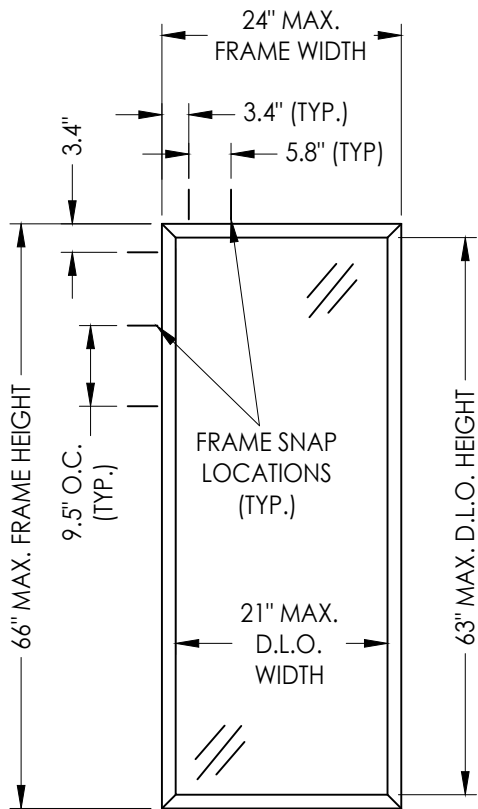
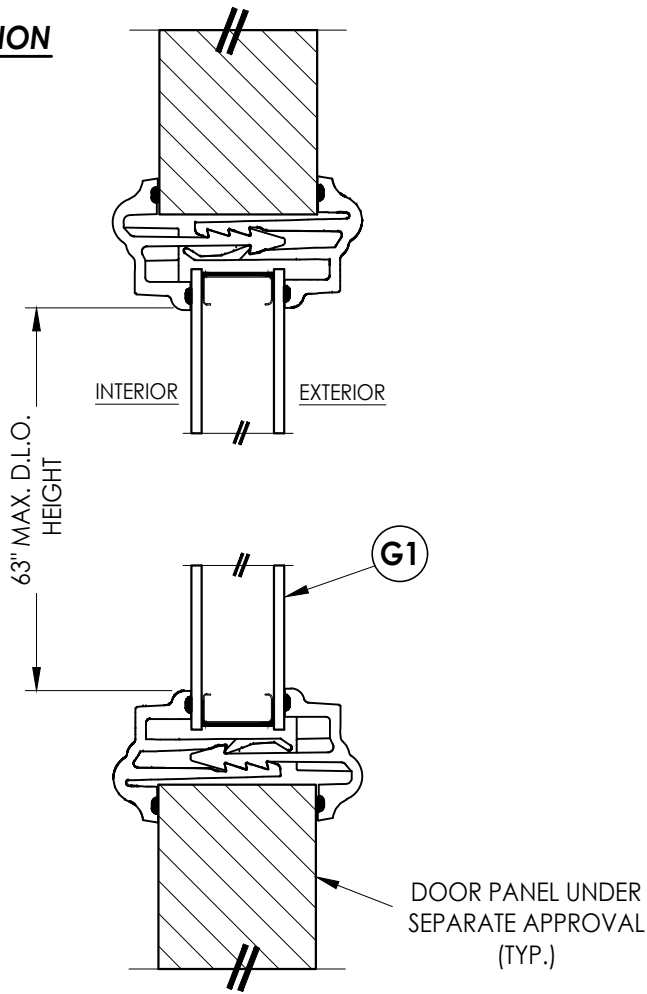


ODL SMART FRAME
HP POLYPROPYLENE

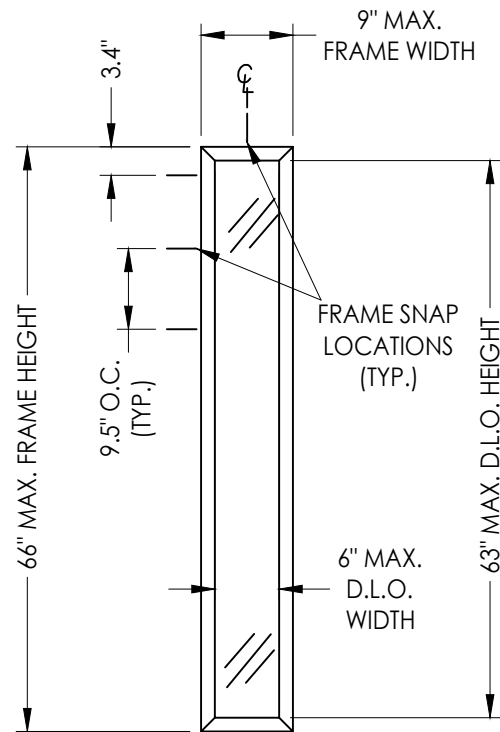


1
SMART FRAME

1
2
VERTICAL CROSS SECTION



24" x 66" SMART FRAME DOORGLASS



9" x 66" SMART FRAME DOORGLASS

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: SMART FRAME

PART OR ASSEMBLY:
CROSS SECTIONS
& GLAZING DETAILS

NO.	DATE	REVISIONS
5	7/01/23	UPDATE TO 8TH ED. (2023) FBC
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC
3	9/27/18	REMOVED TRADITIONAL FRAME
2	9/26/17	UPDATE TO 6TH ED. (2017) FBC
1	3/28/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 2/29/12

SCALE: N.T.S.

DWG. BY: JK

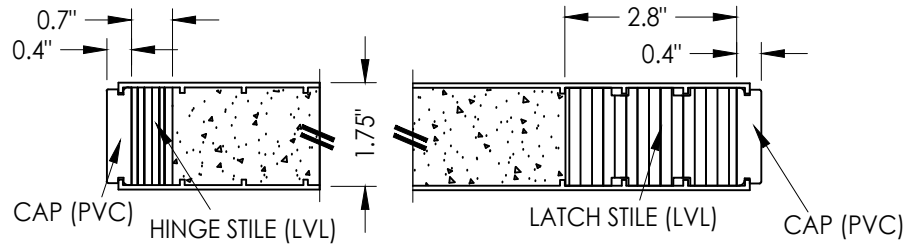
CHK. BY: LFS

DRAWING NO.:

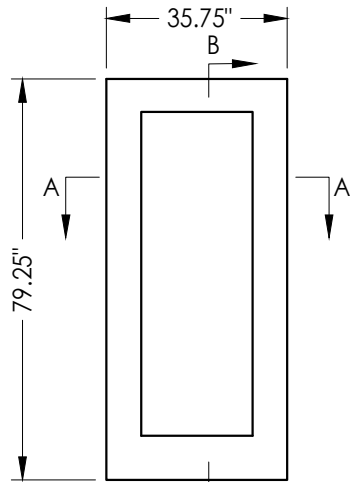
FL-15260.5

SHEET 2 OF 3

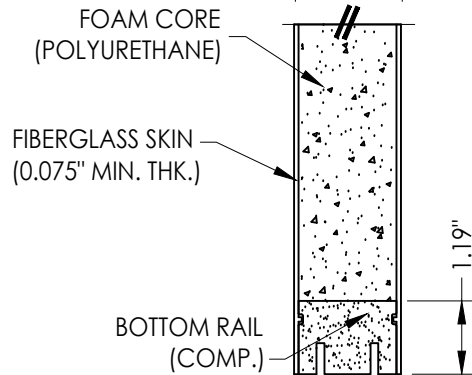
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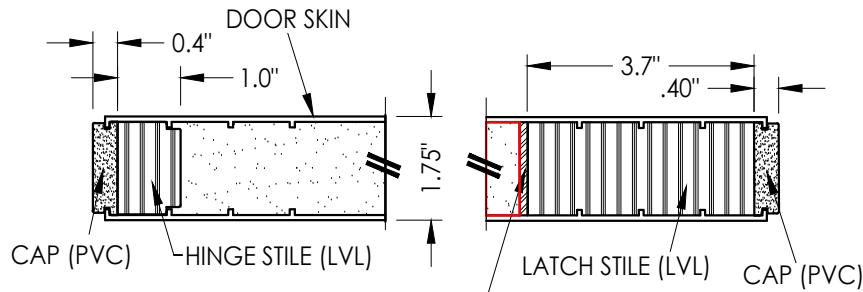
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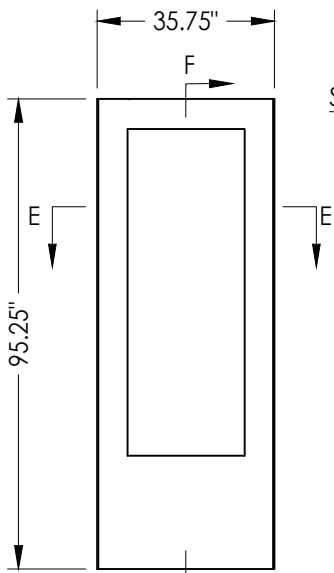
FIBERGLASS DOOR PANEL
Plastpro 6' 8"



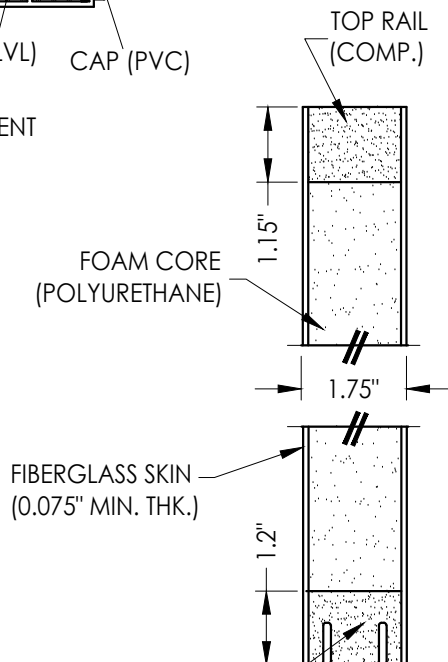
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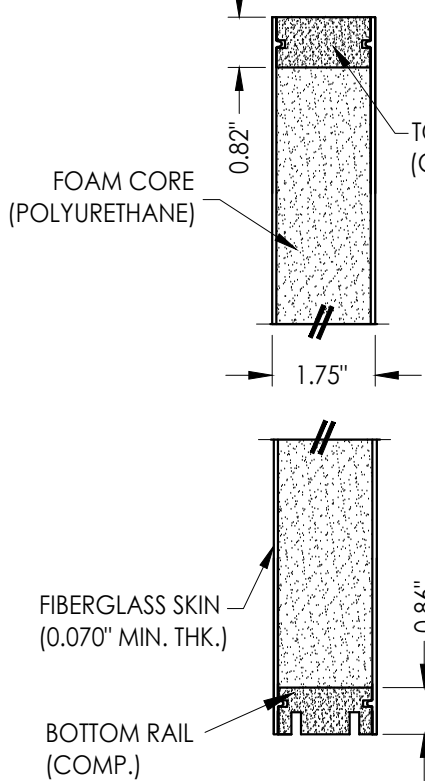
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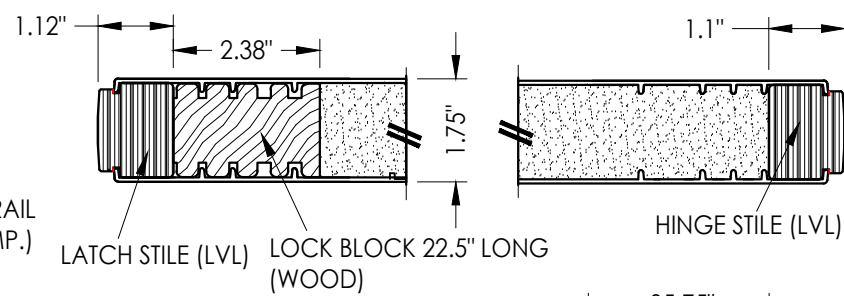
FIBERGLASS DOOR PANEL
Plastpro 8'



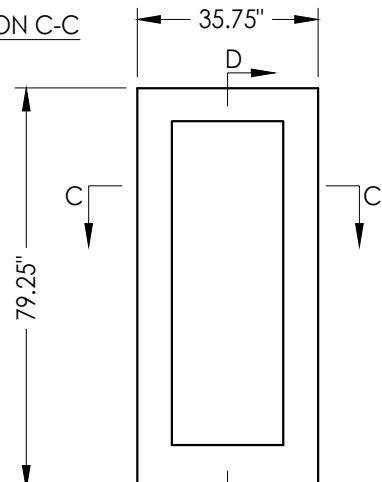
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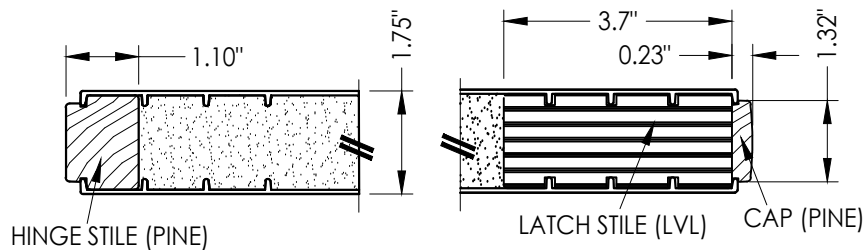
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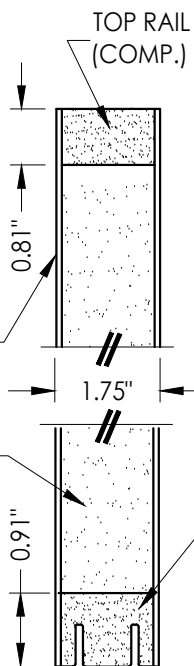
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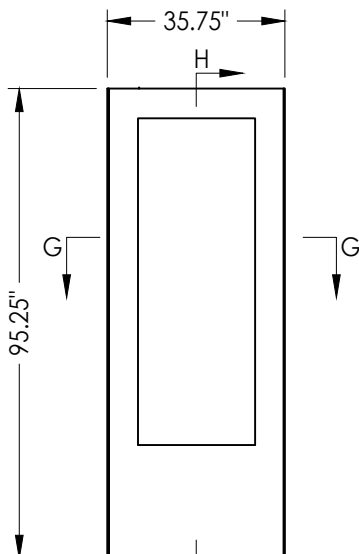
FIBERGLASS DOOR PANEL
Therma Tru 6' 8"



SECTION G-G



SECTION H-H



FIBERGLASS DOOR PANEL
Therma Tru 8'

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: SMART FRAME

PART OR ASSEMBLY:
FIBERGLASS DOOR PANELS

NO.	DATE	REVISIONS			
		BY	JK	JK	LFS
5	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
3	9/27/18	REMOVED TRADITIONAL FRAME		LFS	
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/28/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 2/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15260.5

SHEET 3 OF 3