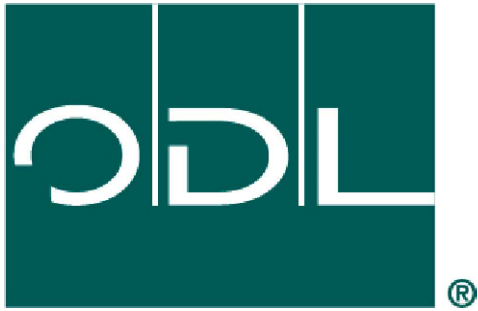


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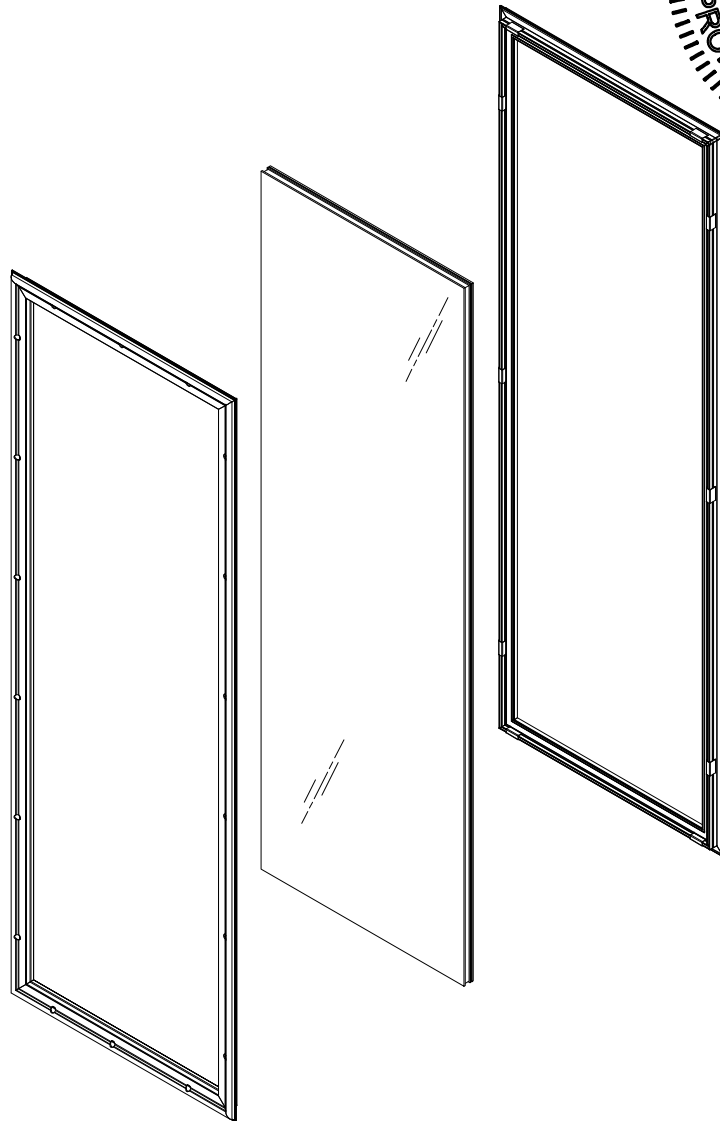
ODL, Inc.
"Impact Resistant"
Severe Weather® Doorglass

ASSEMBLY FOR GLAZING UP TO A
3'0 x 6'8 SINGLE PANEL

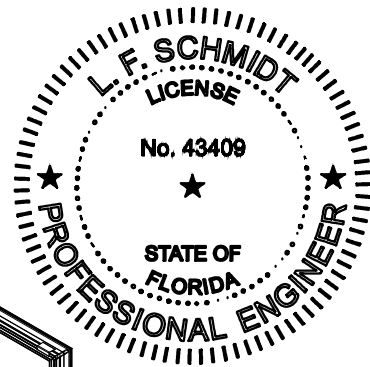
GENERAL NOTES

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 of 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 steel or fiberglass 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 steel or fiberglass 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 steel or fiberglass 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 6 & 7 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	Cross sections & bill of materials "Traditional" Profile
3	Cross sections & bill of materials "Flat Frame" Profile
4	Glazing details
5	Glazing details
6	Door panel details
7	Door panel details

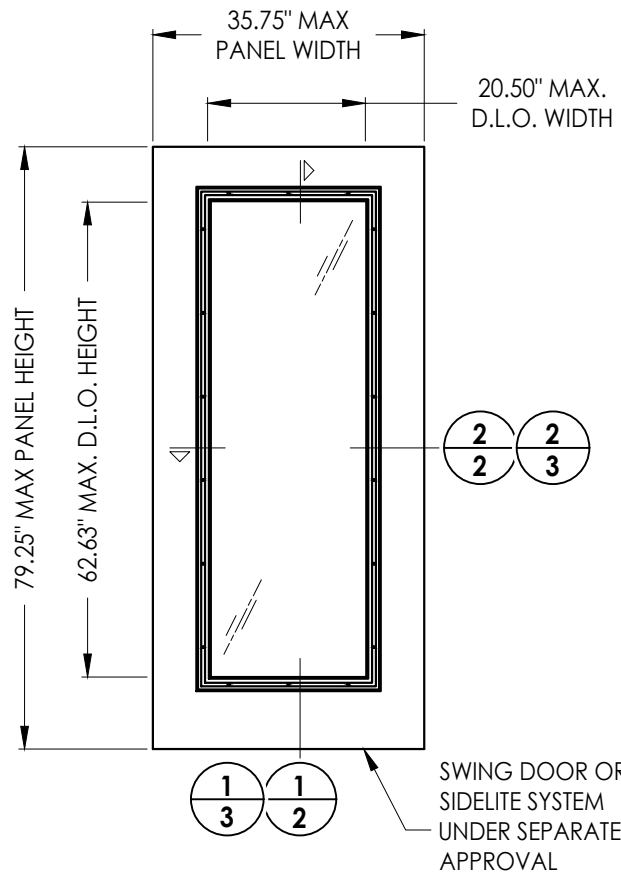


LIGHT DETAIL



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



MAX. DESIGN PRESSURE RATING (PSF)			
GLAZING TYPE	PROFILE	POSITIVE	NEGATIVE
1" INSULATED LAMINATED GLASS	"TRADITIONAL"	+65.0	-65.0
1-1/4" INSULATED LAMINATED GLASS	"TRADITIONAL"	+65.0	-65.0
1" INSULATED LAMINATED GLASS	"FLAT FRAME"	+66.0	-66.0
1-1/4" INSULATED LAMINATED GLASS	"FLAT FRAME"	+66.0	-66.0

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

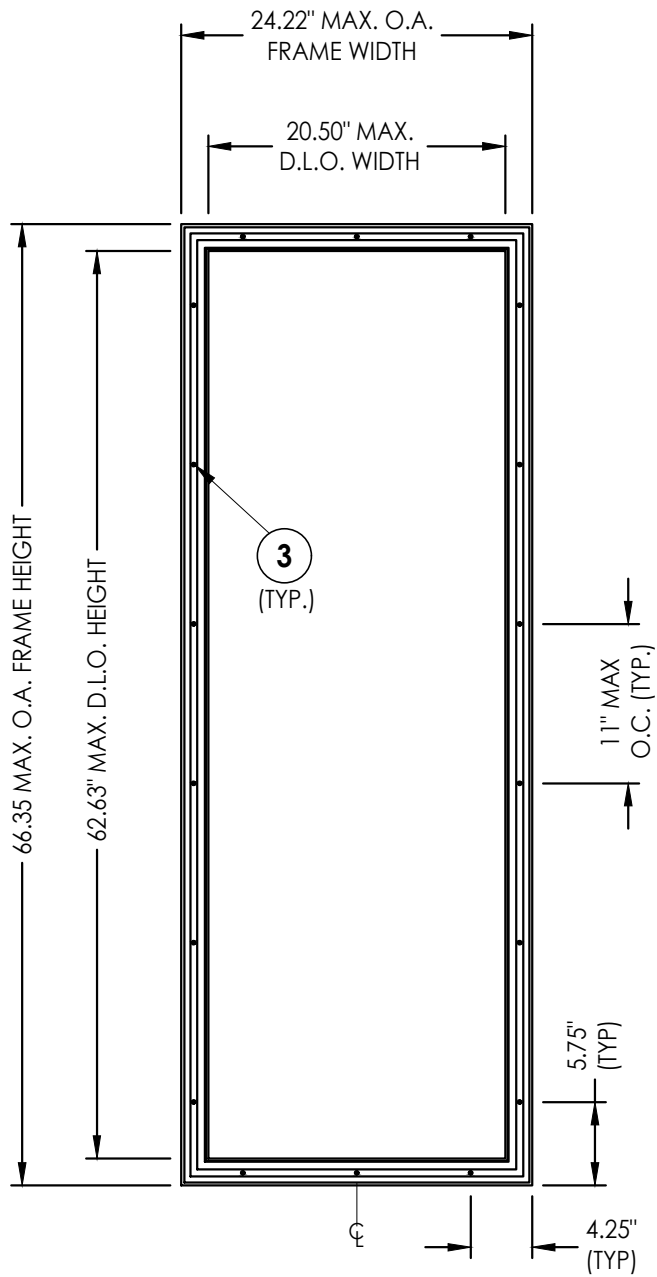
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

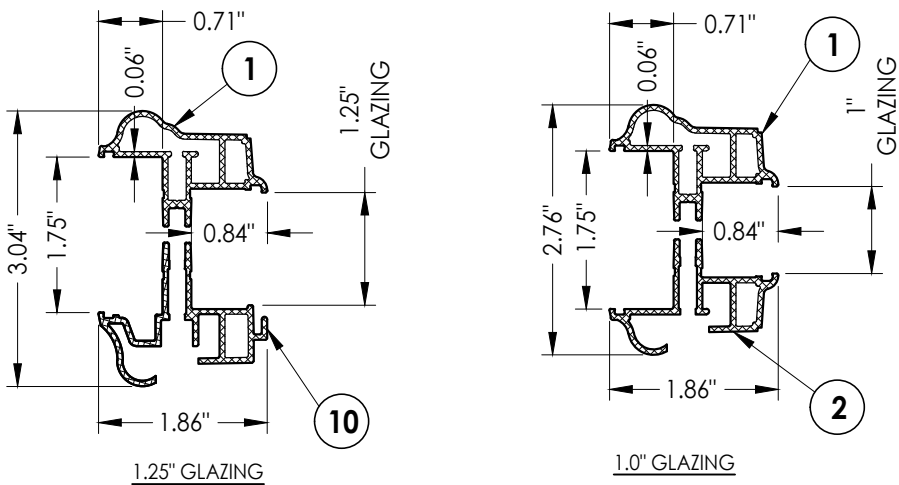
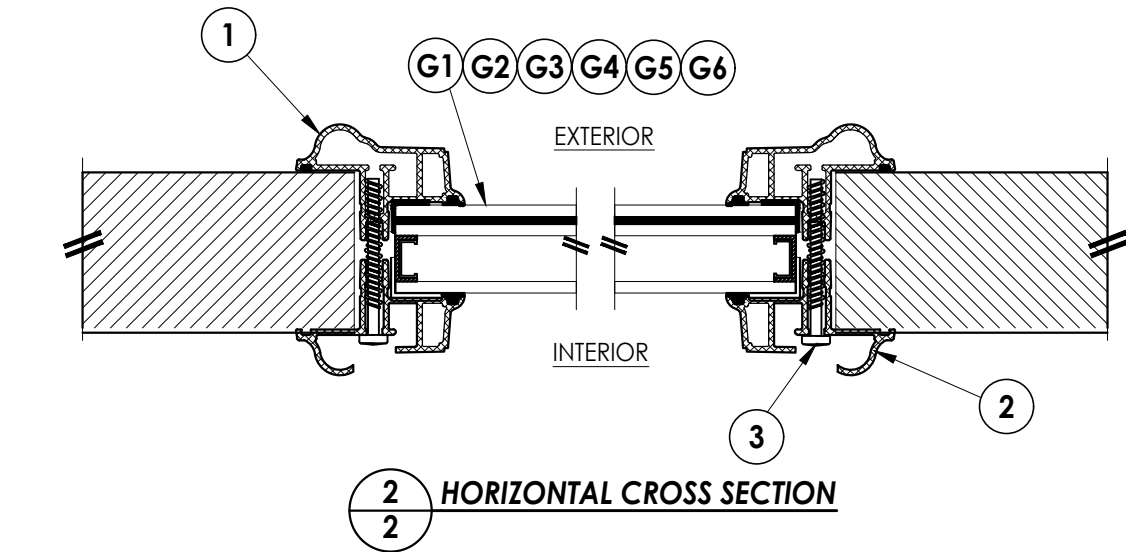
NO.	DATE	REVISIONS
8	7/01/23	UPDATE TO 8TH ED. (2023) FBC
7	8/29/17	UPDATE TO 7TH ED. (2020) FBC
6	12/12/19	REVISE "FLAT FRAME" GLAZING
5	1/11/18	ADD "FLAT FRAME" PROFILE

DATE: 10/25/11
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14935.3
SHEET 1 OF 7

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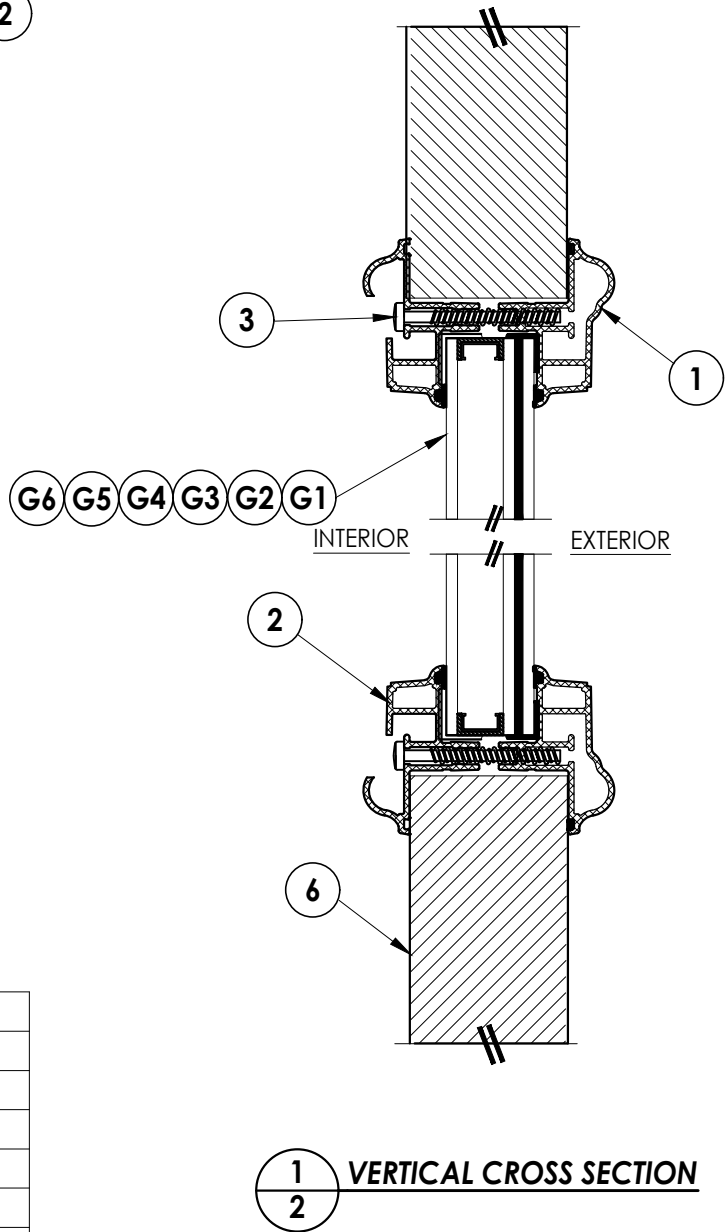


ODL LITE FRAME DETAIL
"Traditional" Profile



ODL LITE FRAME CROSS SECTIONS
"Traditional" Profile
(See Sheet 5 for operable & fixed blind cross sections)

BILL OF MATERIALS		
ITEM#	DESCRIPTION	MATERIAL
1	EXTERIOR FRAME (TRADITIONAL 1" OR 1-1/4" GLAZING)	6063-T5 ALUM
2	INTERIOR FRAME (TRADITIONAL 1" GLAZING)	6063-T5 ALUM
3	#7-19 X 1-3/4" PPH SELF-DRILLING SMS	STEEL
6	DOOR OR SIDELITE PANEL	-
7	DOW 995 STRUCTURAL SILICONE	SILICONE
8	NON-STRUCTURAL BACK BEDDING SEALANT (READI-SEAL)	-
9	POLYOLEFIN FOAM TAPE (0.3" X 0.10")	-
10	INTERIOR FRAME (TRADITIONAL 1-1/4" GLAZING)	6063-T5 ALUM



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:
ODL LITE FRAME

PART OR ASSEMBLY:
CROSS SECTIONS & B.O.M.
"TRADITIONAL" PROFILE

NO.	DATE	REVISIONS		
		BY	LFS	
8	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
7	8/29/17	UPDATE TO 7TH ED. (2020)	FBC	LFS
6	12/12/19	REVISE "FLAT FRAME" GLAZING	LFS	
5	1/11/18	ADD "FLAT FRAME" PROFILE	LFS	

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-14935.3

SHEET 2 OF 7

11

G1 G2 G3 G4 G5 G6

EXTERIOR

INTERIOR

4

12

2
3

HORIZONTAL CROSS SECTION

Technical drawings of two window frame profiles, labeled 13 and 11, showing dimensions and glazing details.

Profile 13 (Left):

- Top flange width: 1.75"
- Top flange height: 0.65"
- Overall height: 2.5"
- Internal vertical spacing: 1.75"
- Bottom flange width: 0.5"
- Bottom flange height: 1-1/4" GLAZING
- Bottom flange thickness: 0.07"
- Bottom flange glazing: 1.25" GLAZING

Profile 11 (Right):

- Top flange width: 1.75"
- Top flange height: 0.63"
- Overall height: 2.4"
- Internal vertical spacing: 1.75"
- Bottom flange width: 0.79"
- Bottom flange height: 1" GLAZING
- Bottom flange thickness: 0.08"
- Bottom flange glazing: 1.0" GLAZING

Technical drawing showing two vertical cross-sections of a window frame.

The top section shows the interior view, with labels 4, 11, and a row of circles G6, G5, G4, G3, G2, G1.

The bottom section shows the exterior view, with labels 12 and 6.

A table on the left lists materials:

MATERIAL
STEEL
-
SILICONE

A circular legend at the bottom right shows 1 and 3, with the text **VERTICAL CROSS SECTION**.

1 VERTICAL CROSS SECTION

BILL OF MATERIALS		
ITEM#	DESCRIPTION	MATERIAL
4	#8 X 2" PPH SMS	STEEL
6	DOOR OR SIDELITE PANEL	-
7	DOW 995 STRUCTURAL SILICONE	SILICONE
8	NON-STRUCTURAL BACK BEDDING SEALANT (READI-SEAL)	-
11	EXTERIOR FRAME (FLAT 1" GLAZING)	6063-T5 ALUM
12	INTERIOR FRAME (FLAT 1" GLAZING)	6063-T5 ALUM
13	EXTERIOR FRAME (FLAT 1-1/4" GLAZING)	6063-T5 ALUM
14	INTERIOR FRAME (FLAT 1-1/4" GLAZING)	6063-T5 ALUM

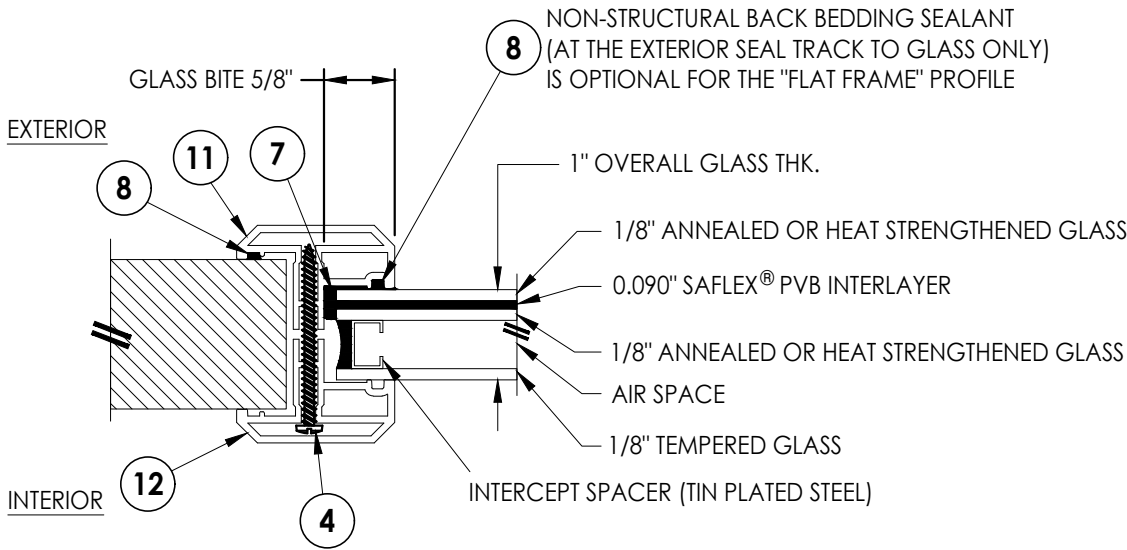
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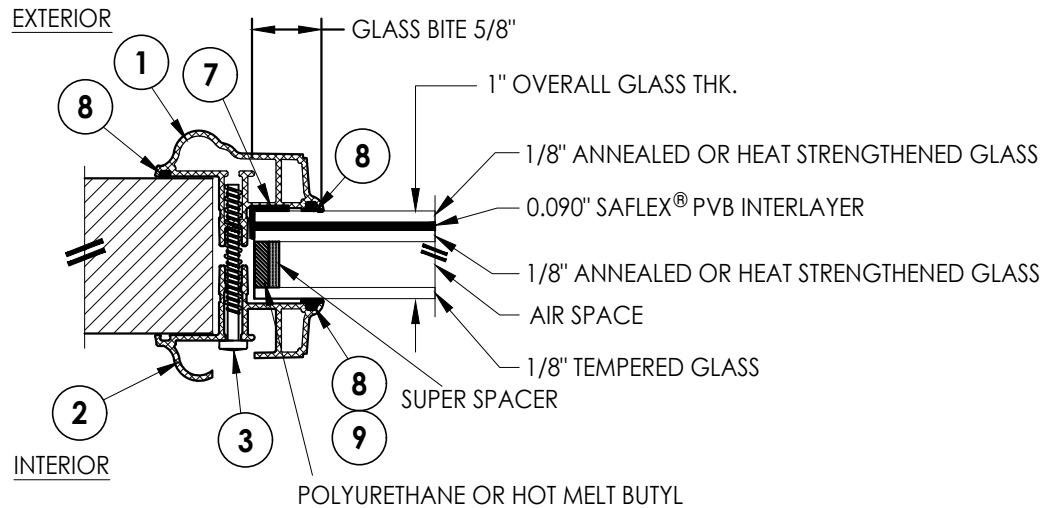
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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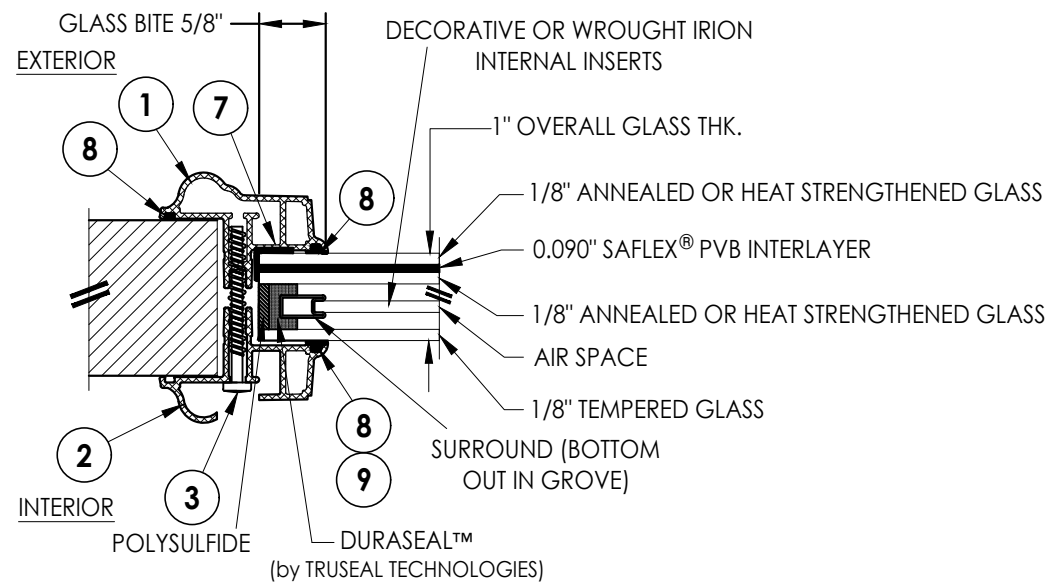
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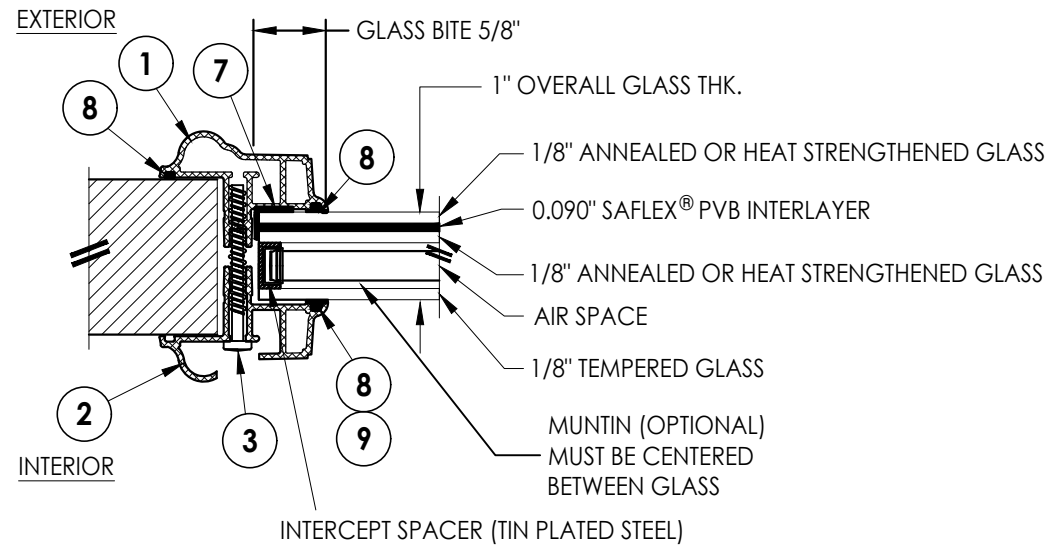
G1 GLAZING DETAIL
INTERCEPT SPACER



G2 GLAZING DETAIL
SUPER SPACER



G3 GLAZING DETAIL
DECOSEAL

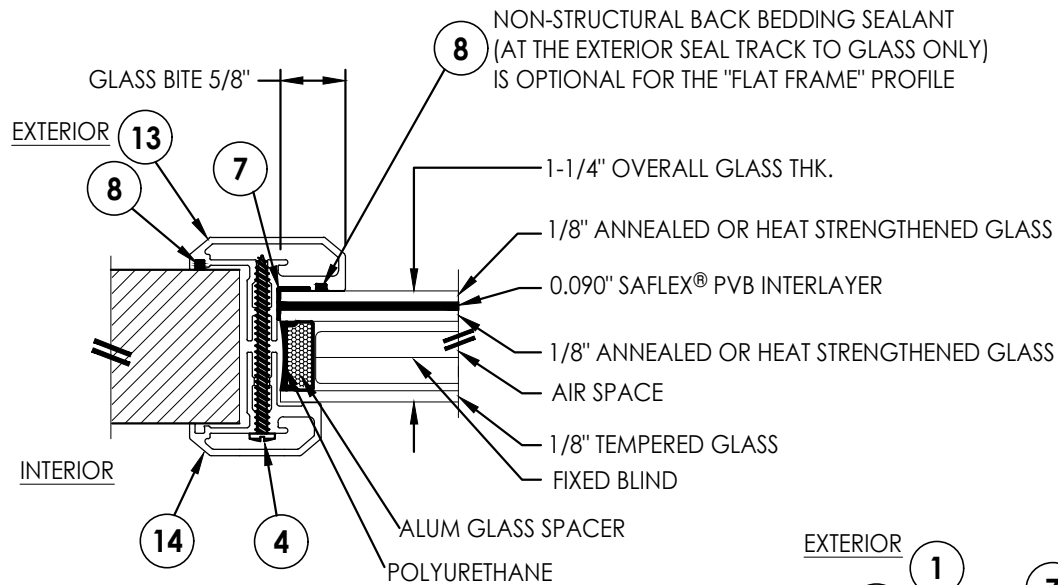


G4 GLAZING DETAIL
INTERCEPT SPACER
w/ OPTIONAL MUNTIN

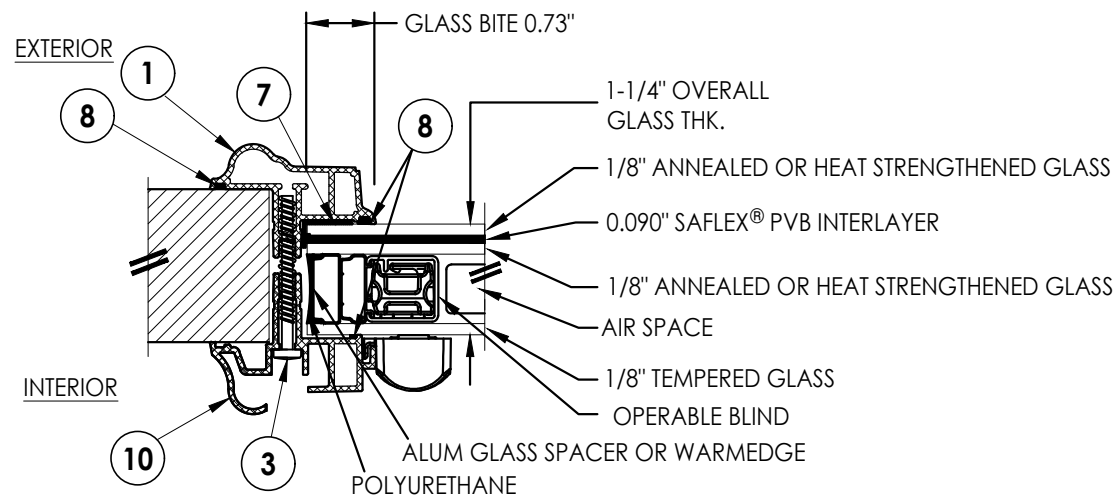
NOTE: GLAZING DETAILS G1, G2, G3 & G4 ARE APPLICABLE FOR BOTH THE "TRADITIONAL" & "FLAT FRAME" PROFILES.

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: ODL LITE FRAME		PART OR ASSEMBLY: GLAZING DETAILS	
	LFS	LFS	BY
	8	7/01/23	UPDATE TO 8TH ED. (2023) FBC
	7	8/29/17	UPDATE TO 7TH ED. (2020) FBC
	6	12/12/19	REVISE "FLAT FRAME" GLAZING
	5	1/11/18	ADD "FLAT FRAME" PROFILE
	NO.	DATE	
REVISIONS			
DATE: 10/25/11			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14935.3			
SHEET 4 OF 7			

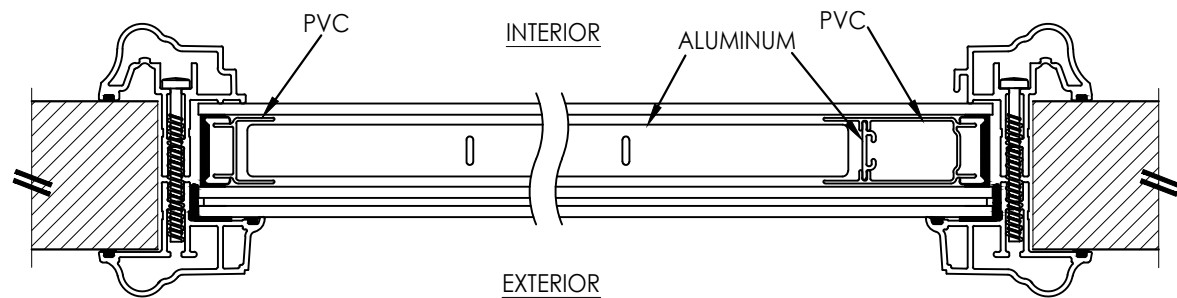
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G5 GLAZING DETAIL
ALUM SPACER w/ FIXED BLIND

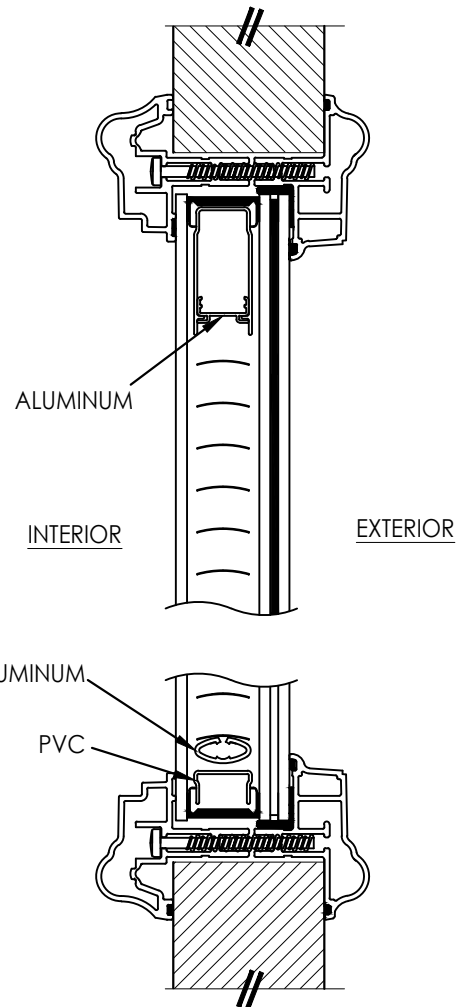


G6 GLAZING DETAIL
ALUM SPACER w/ OPERABLE BLIND



HORIZONTAL CROSS SECTION
WARMEDGE OPERABLE BLIND

NOTE: Fixed blind not shown



VERTICAL CROSS SECTION
WARMEDGE OPERABLE BLIND

NOTE: GLAZING DETAILS G5 & G6 ARE APPLICABLE FOR BOTH THE "TRADITIONAL" & "FLAT FRAME" PROFILES.

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:

ODL LITE FRAME

PART OR ASSEMBLY:

GLAZING DETAILS

NO.	DATE	REVISIONS	BY
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DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

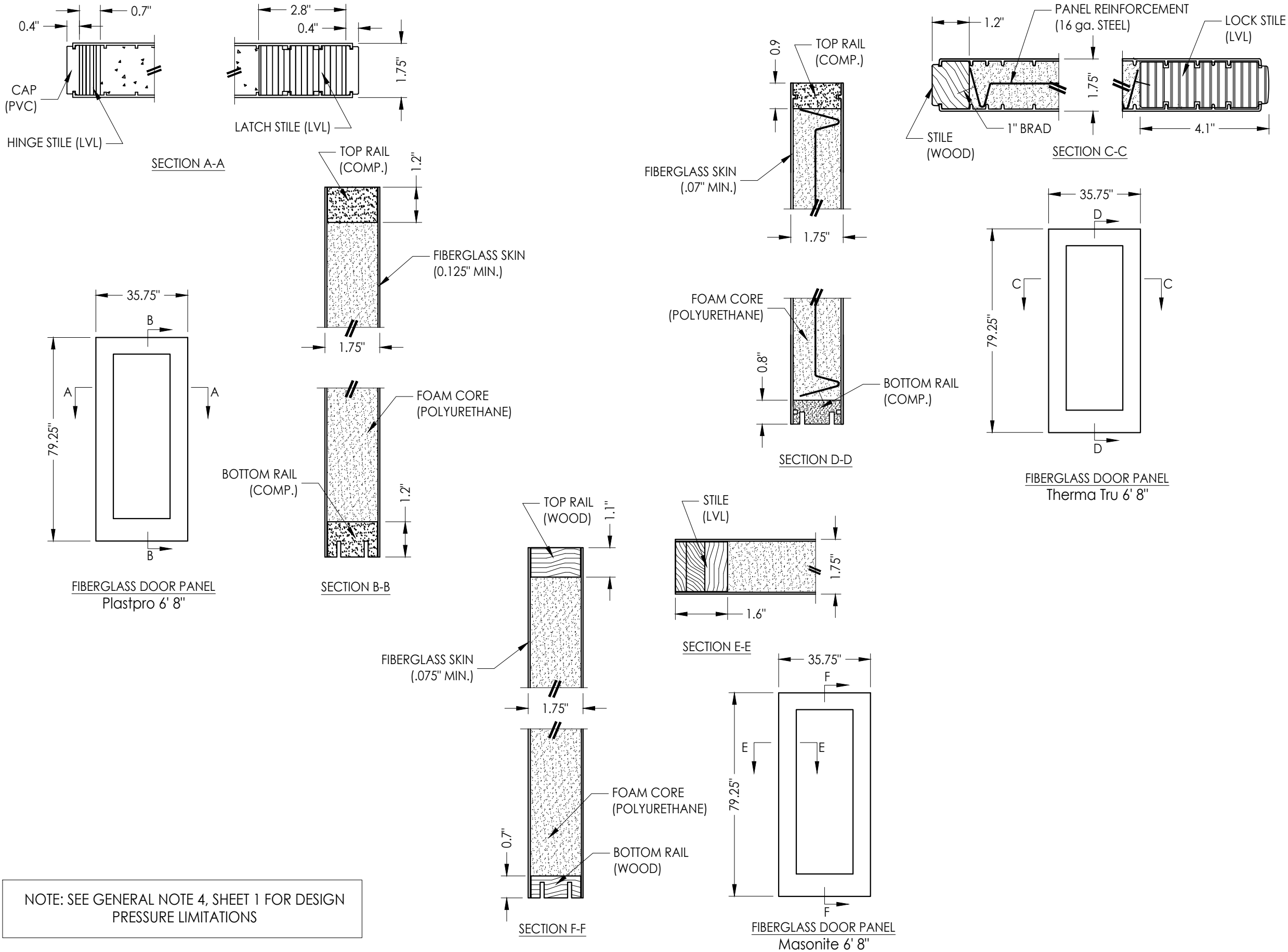
CHK. BY: LFS

DRAWING NO.:

FL-14935.3

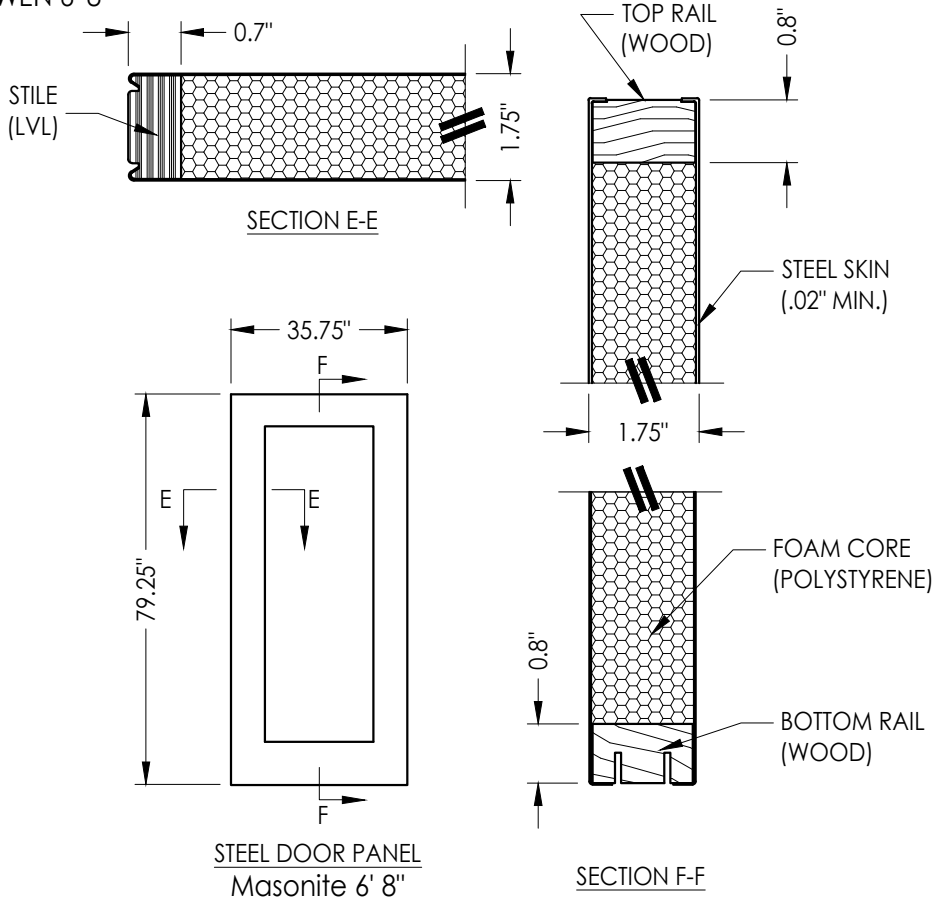
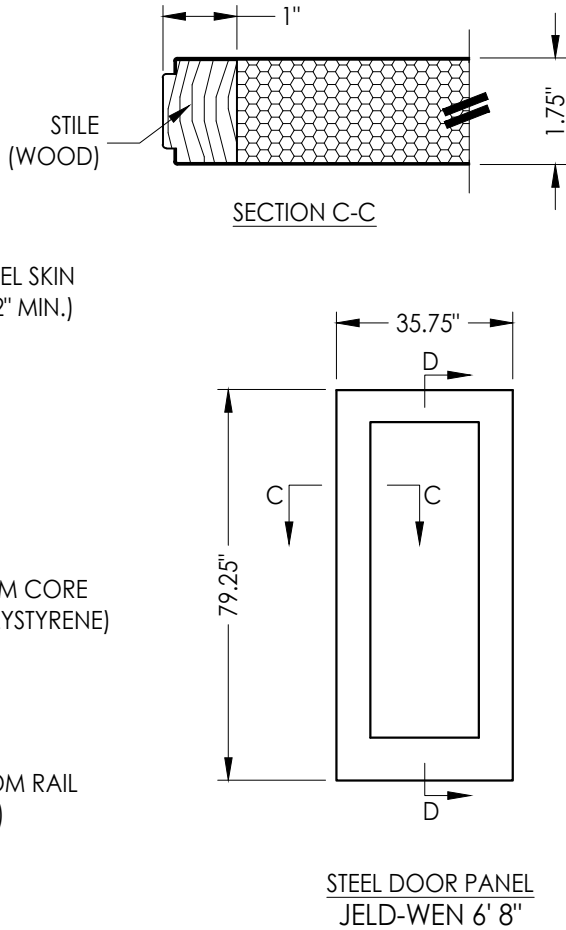
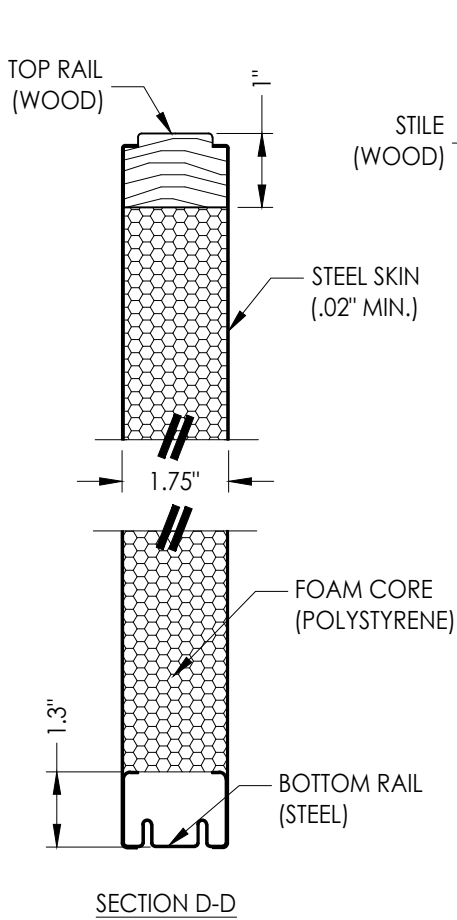
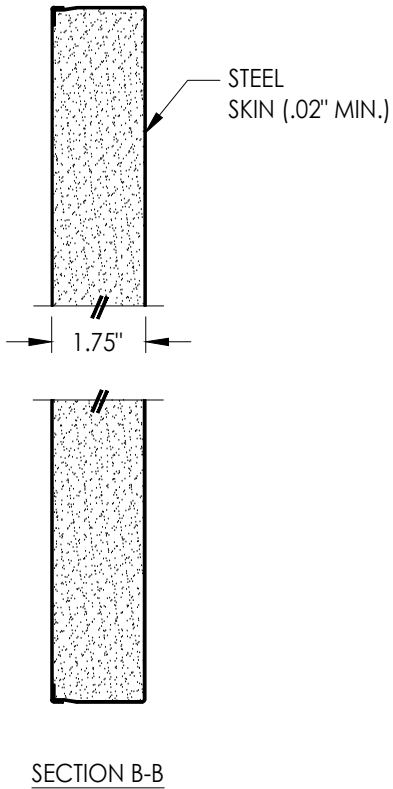
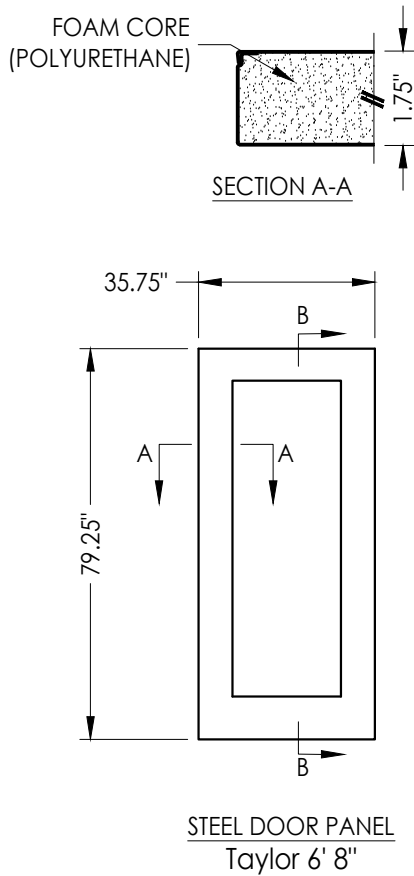
SHEET 5 OF 7

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PRODUCT:		ODL LITE FRAME		PART OR ASSEMBLY: DOOR PANELS DETAILS	
			LFS		
		7/01/23	UPDATE TO 8TH ED. (2023)	FBC	
		8			
		7	8/29/17	UPDATE TO 7TH ED. (2020)	FBC
		6	12/12/19	REVISE "FLAT FRAME" GLAZING	LFS
		5	1/11/18	ADD "FLAT FRAME" PROFILE	LFS
		NO.	DATE		BY
REVISIONS					
DATE: 10/25/11					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14935.3					
SHEET 6 OF 7					

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NOTE: SEE GENERAL NOTE 4, SHEET 1 FOR DESIGN PRESSURE LIMITATIONS

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P.E. No. 43409

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

PRODUCT:
ODL LITE FRAME

PART OR ASSEMBLY:
DOOR PANELS DETAILS

NO.	DATE	REVISIONS
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6	12/12/19	REVISE "FLAT FRAME" GLAZING LFS
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		BY

DATE: 10/25/11

SCALE: N.T.S.

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CHK. BY: LFS

DRAWING NO.:

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SHEET 7 OF 7