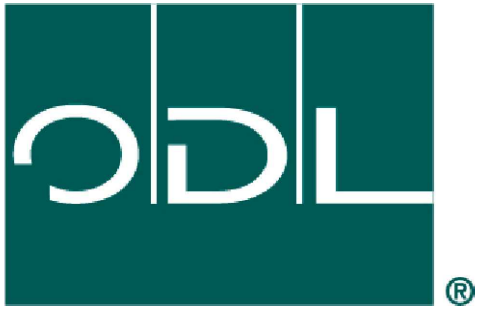




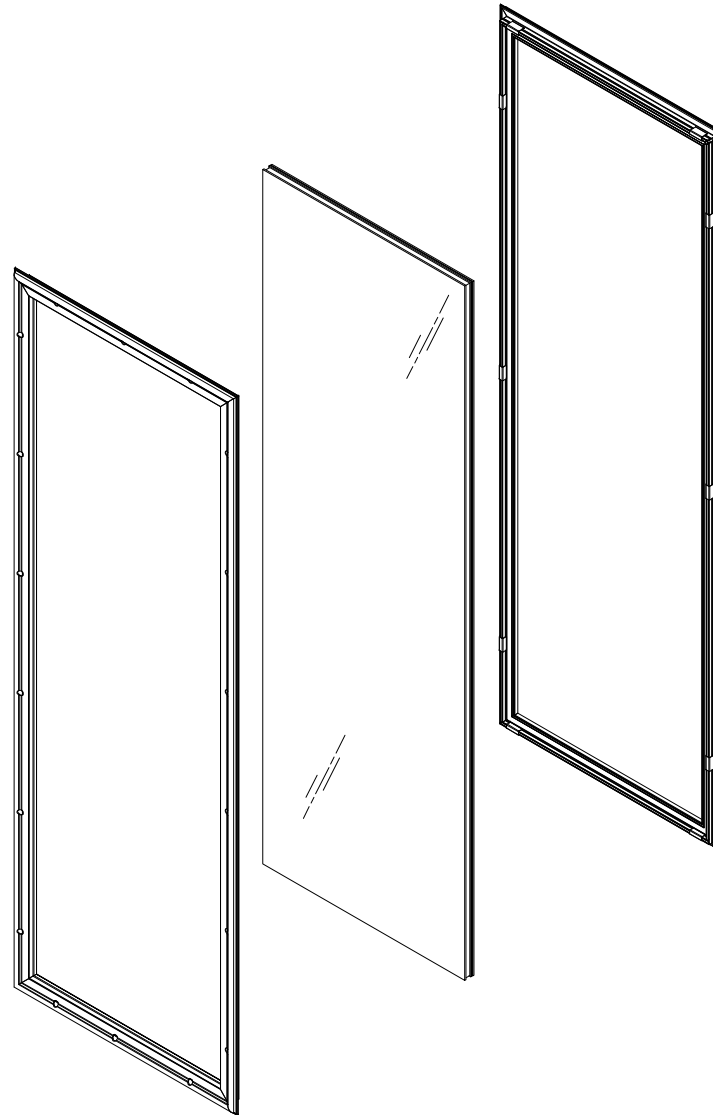
ODL, Inc.
"Impact Resistant"
Severe Weather® Doorglass

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

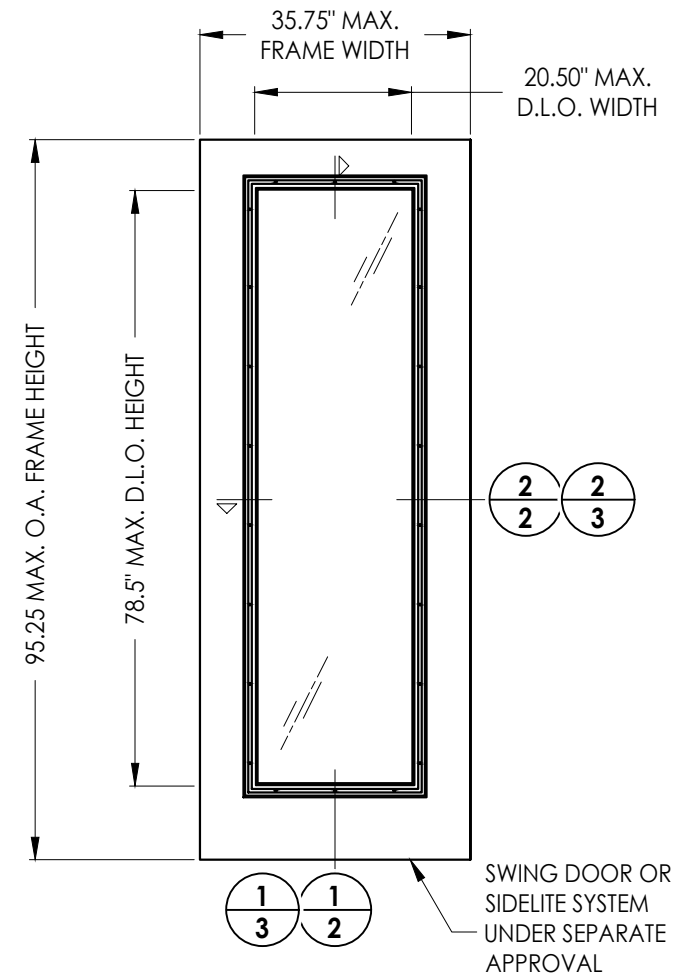
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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.
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 & 8 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
8	Door panel details

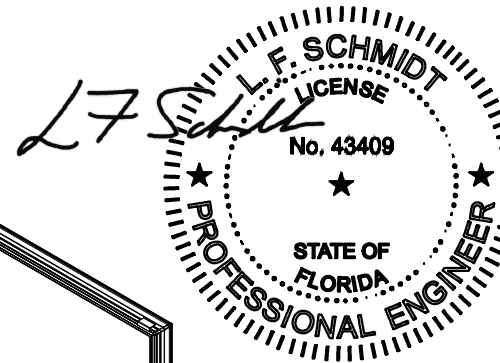


LIGHT DETAIL



MAX. DESIGN PRESSURE RATING (PSF)			
GLAZING TYPE	PROFILE	POSITIVE	NEGATIVE
1" INSULATED LAMINATED GLASS	"TRADITIONAL"	+80.0	-80.0
1-1/4" INSULATED LAMINATED GLASS	"TRADITIONAL"	+80.0	-80.0
1" INSULATED LAMINATED GLASS	"FLAT FRAME"	+66.0	-66.0
1-1/4" INSULATED LAMINATED GLASS	"FLAT FRAME"	+66.0	-66.0

REFER TO DOOR PANEL DETAILS (SHEETS 6, 7 & 8) FOR SPECIFIC DESIGN PRESSURE RATINGS



Digitally signed by
Lyndon F Schmidt
Date: 2026.07.20
5:05:36 -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

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

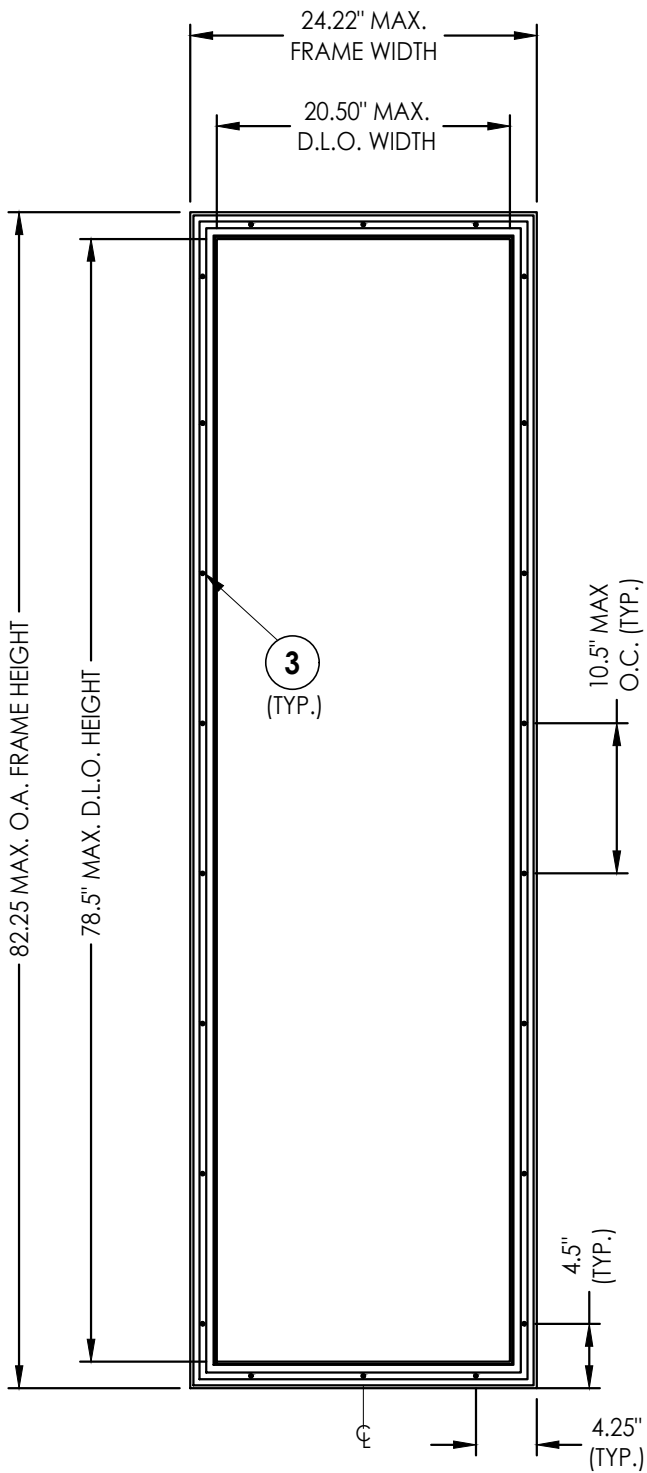
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

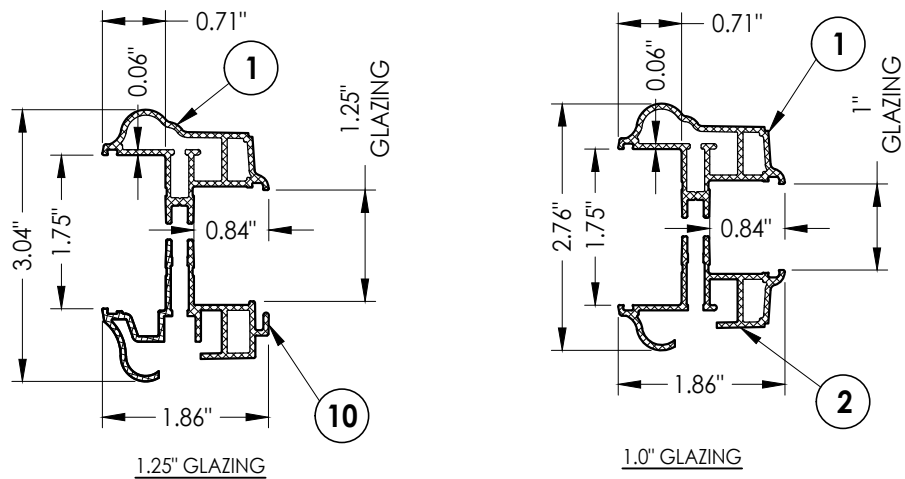
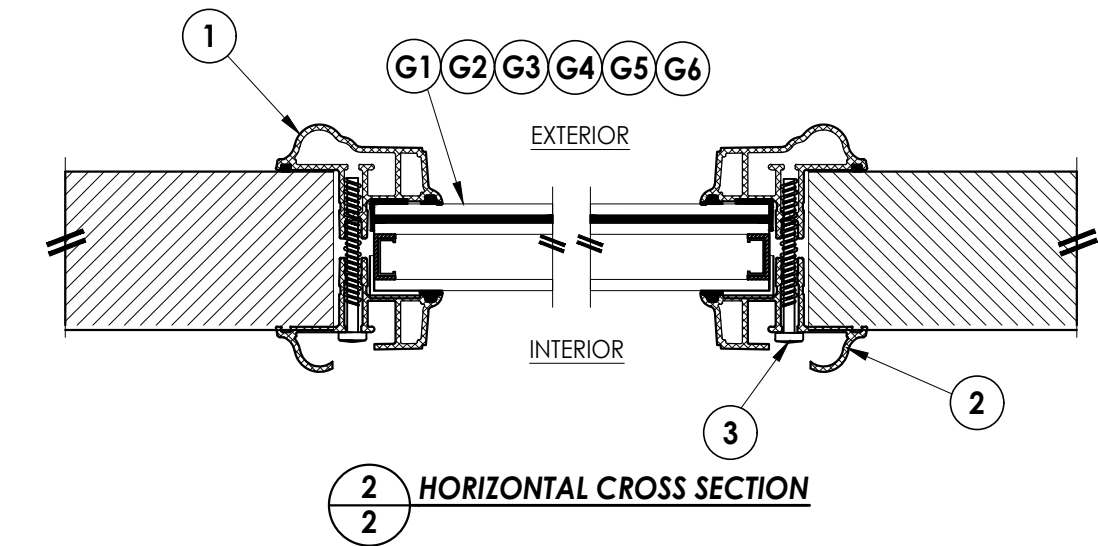
NO.	DATE	REVISIONS			
		DATE	BY	REVISIONS	
9	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
8	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
7	8/29/17	UPDATE TO 7TH ED. (2020)	FBC	LFS	
6	12/12/19	REVISE "FLAT FRAME" GLAZING		LFS	
5	1/11/18	ADD "FLAT FRAME" PROFILE		LFS	

DATE: 10/25/11
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-14935.4
SHEET 1 OF 8

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ODL LITE FRAME DETAIL
"Traditional" Profile

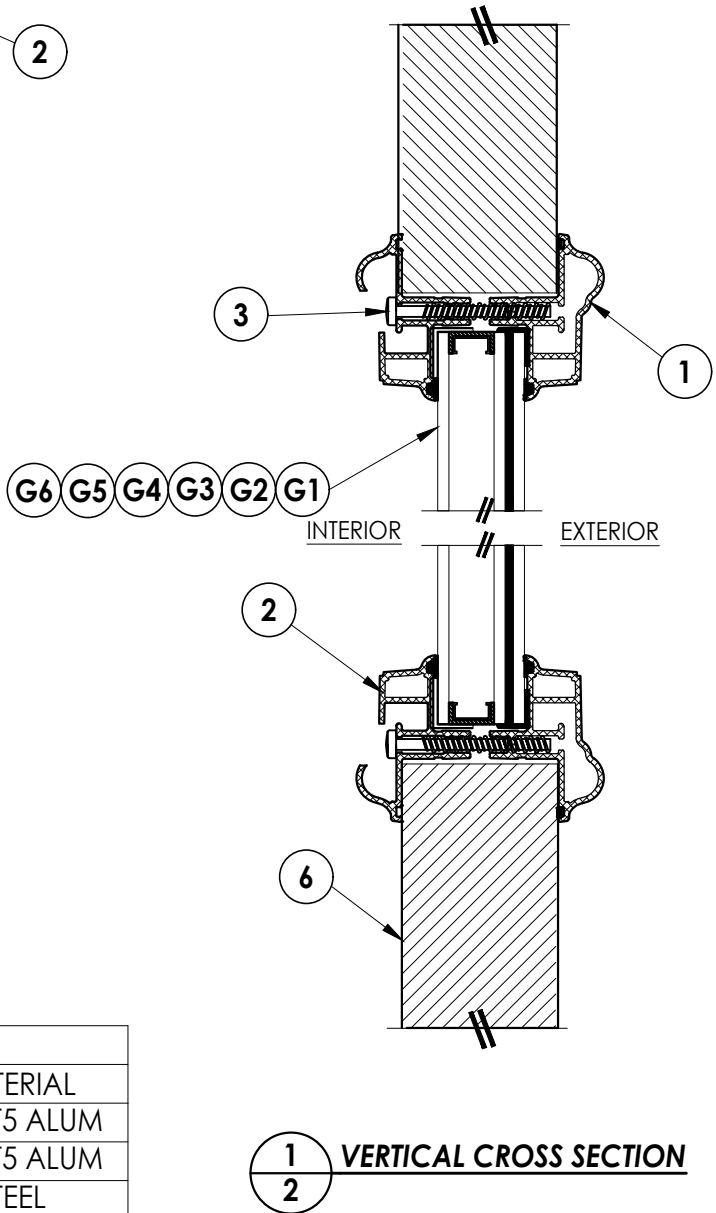


ODL LITE FRAME CROSS SECTIONS

"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:
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P.E. No. 43409

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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
9	7/01/26	UPDATE TO 9TH ED. (2026) FBC
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
1		BY

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-14935.4

SHEET 2 OF 8

[illegible]

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

Profile 13 (Left):

- Top horizontal dimension: 1.75"
- Top vertical dimension: 0.65"
- Bottom horizontal dimension: 0.5"
- Bottom vertical dimension: 0.07"
- Internal vertical dimension: 2.5"
- Internal horizontal dimension: 1.75"
- Glazing specification: 1-1/4" GLAZING
- Callout 13 points to the top of the profile.
- Callout 14 points to the bottom of the profile.

Profile 11 (Right):

- Top horizontal dimension: 1.75"
- Top vertical dimension: 0.63"
- Bottom horizontal dimension: 0.79"
- Bottom vertical dimension: 0.08"
- Internal vertical dimension: 2.4"
- Internal horizontal dimension: 1.75"
- Glazing specification: 1" GLAZING
- Callout 11 points to the top of the profile.
- Callout 12 points to the bottom of the profile.

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

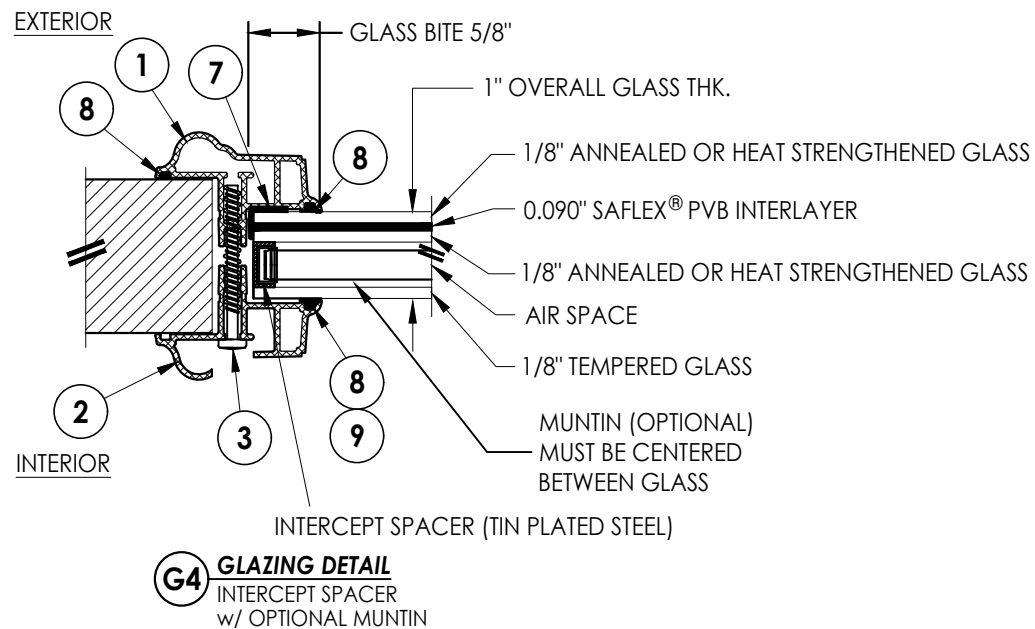
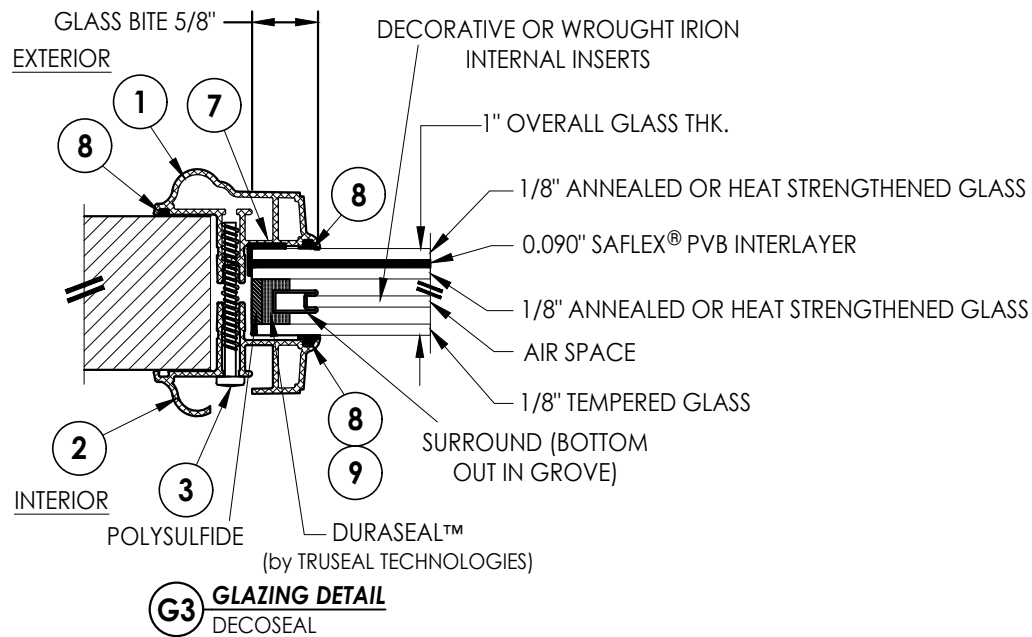
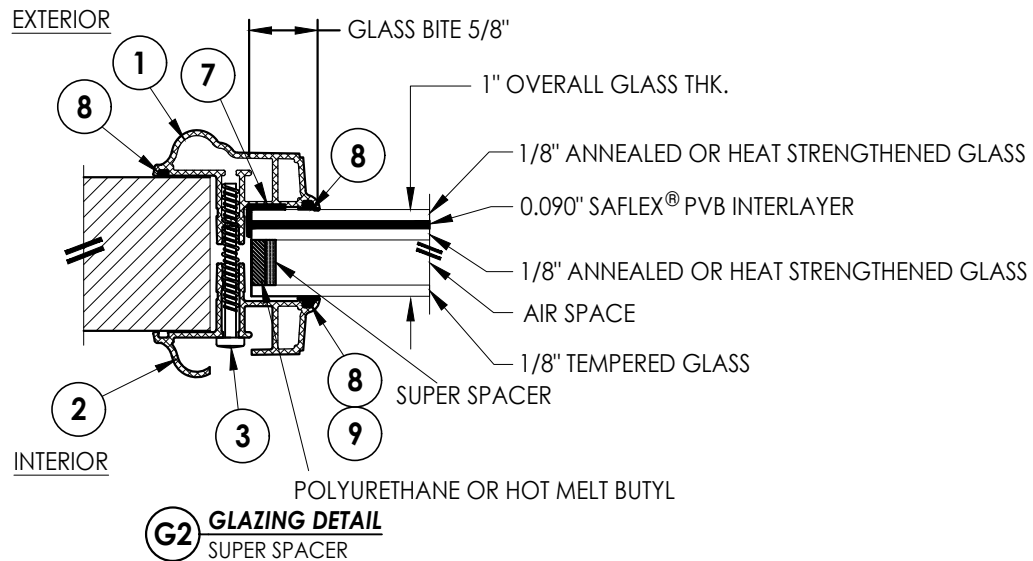
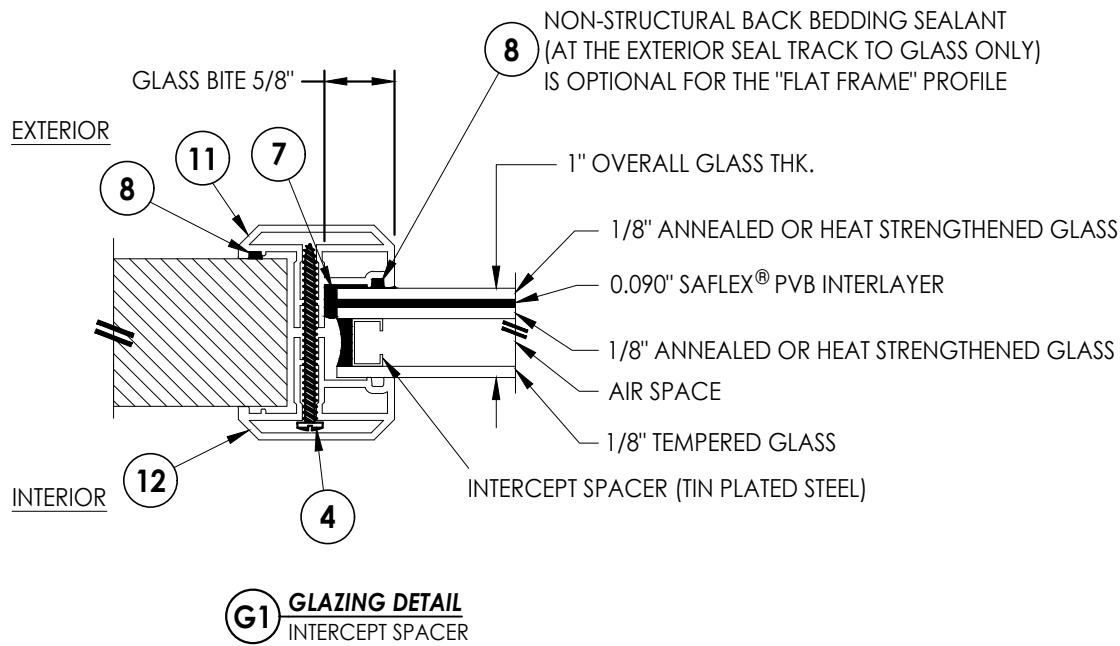
Technical drawing of a window frame cross-section showing two views: a top view and a side view. The top view shows the frame with a central opening and a break line. The side view shows the frame with a central opening and a break line. Callouts 4, 11, 12, and 6 point to specific components. A series of callouts G6, G5, G4, G3, G2, G1 point to the frame profile.

PRODUCT:	ODL LITE FRAME
PART OR ASSEMBLY:	CROSS SECTIONS & B.O.M. "FLAT FRAME" PROFILE

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:

ODL LITE FRAME

PART OR ASSEMBLY:

GLAZING DETAILS

NO.	DATE	REVISIONS
9	7/01/26	UPDATE TO 9TH ED. (2026) FBC 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
4		
3		
2		
1		

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

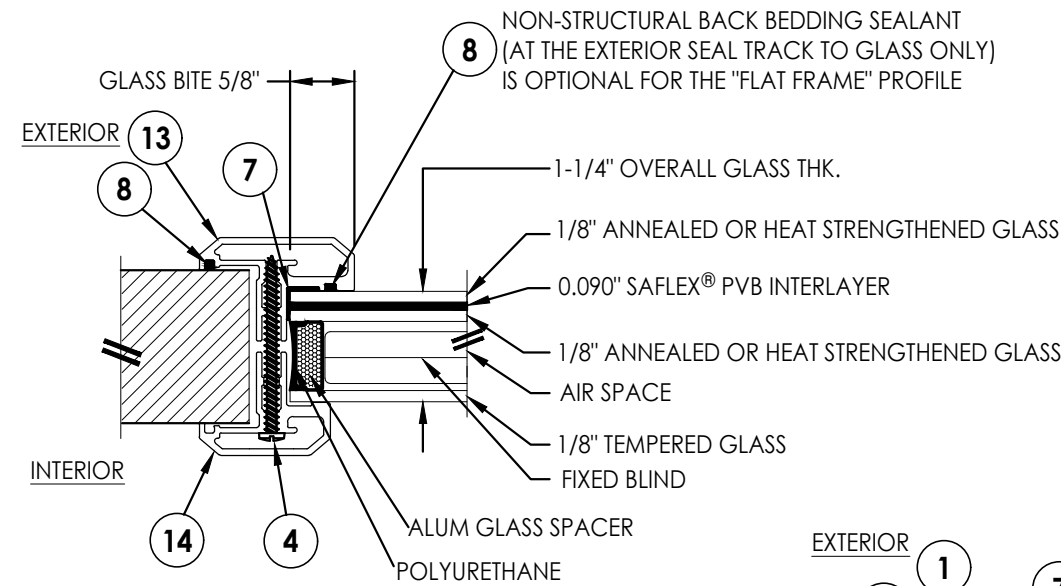
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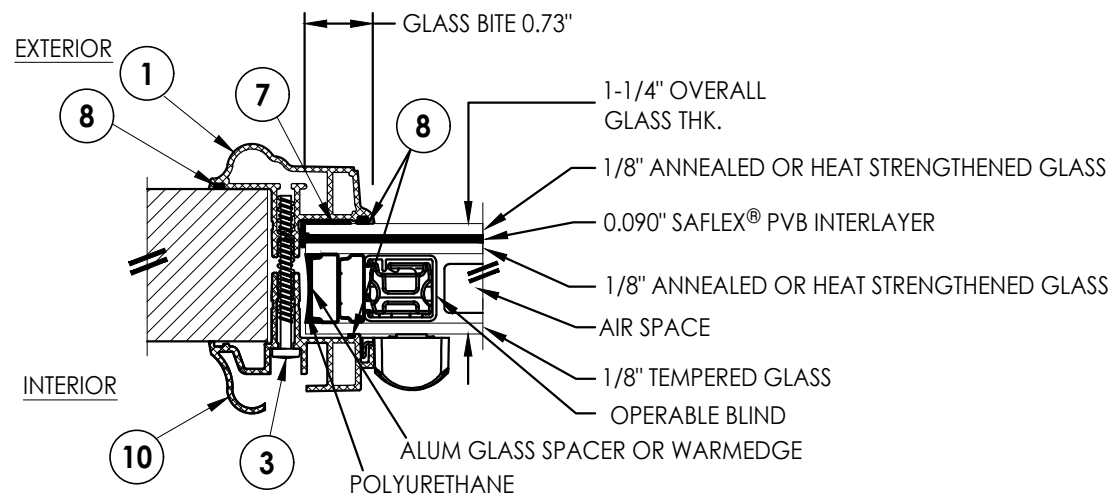
FL-14935.4

SHEET 4 OF 8

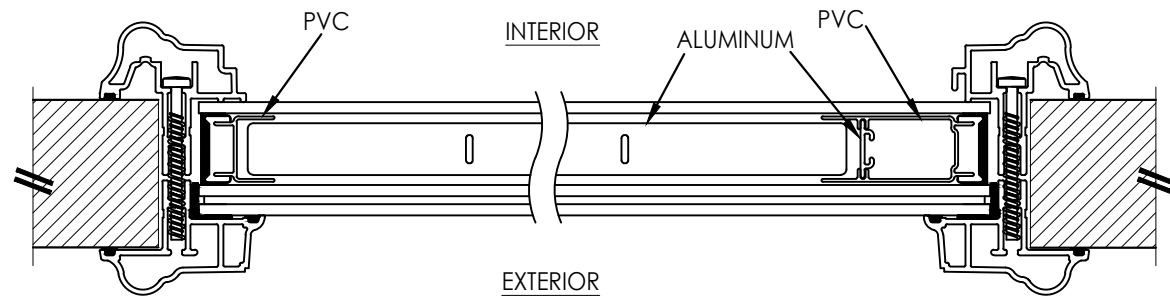
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G5 GLAZING DETAIL
ALUM SPACER w/ FIXED BLIND

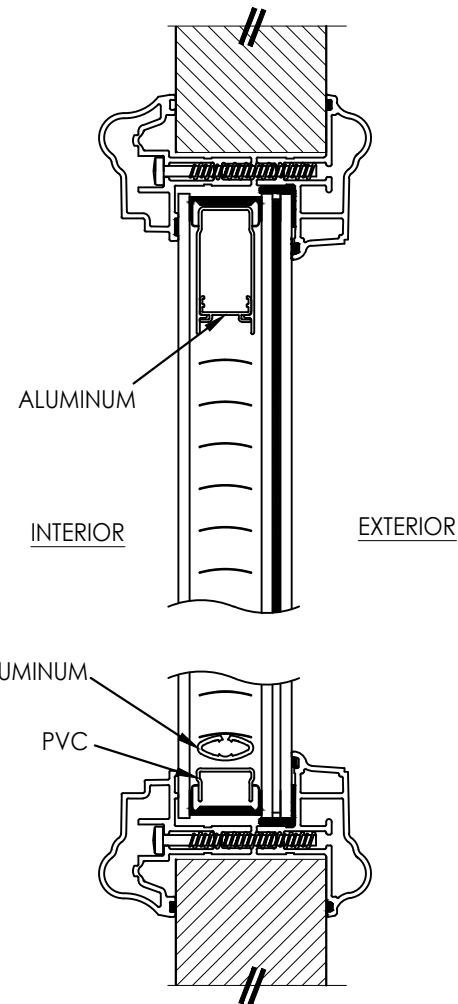


G6 GLAZING DETAIL
ALUM SPACER w/ OPERABLE BLIND



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

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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:

GLAZING DETAILS

NO.	DATE	REVISIONS
9	7/01/26	UPDATE TO 9TH ED. (2026) FBC 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
NO.	DATE	BY

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

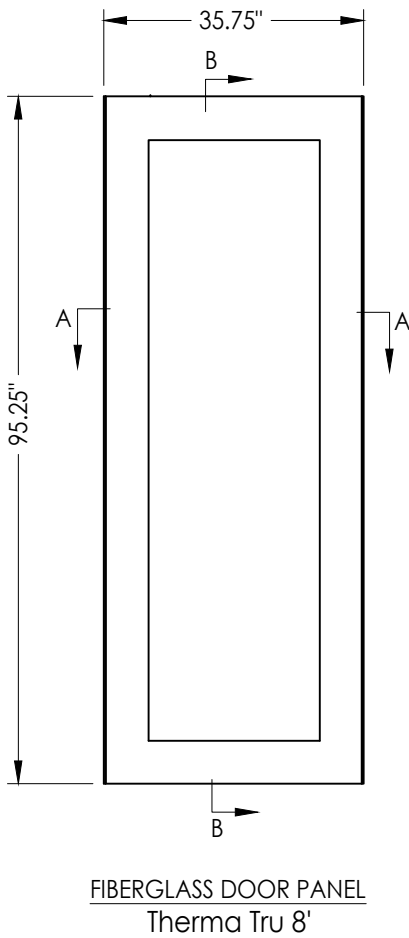
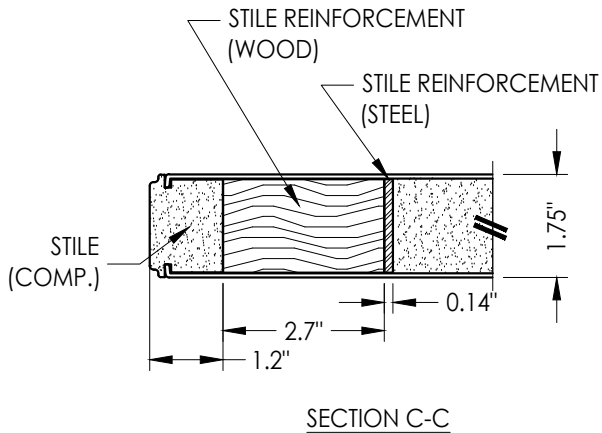
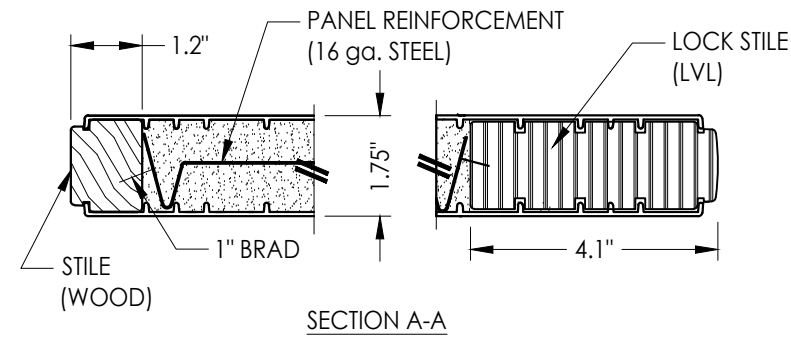
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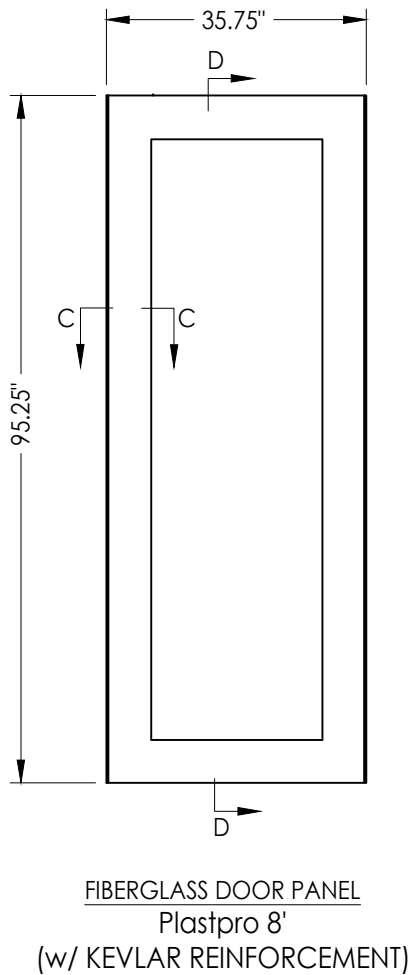
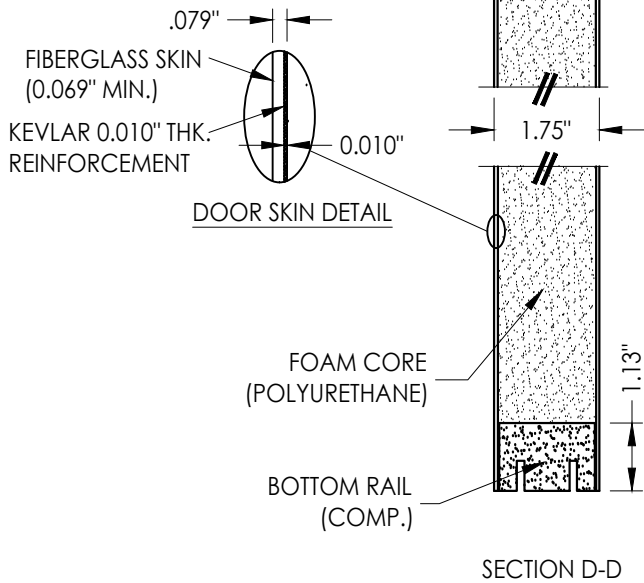
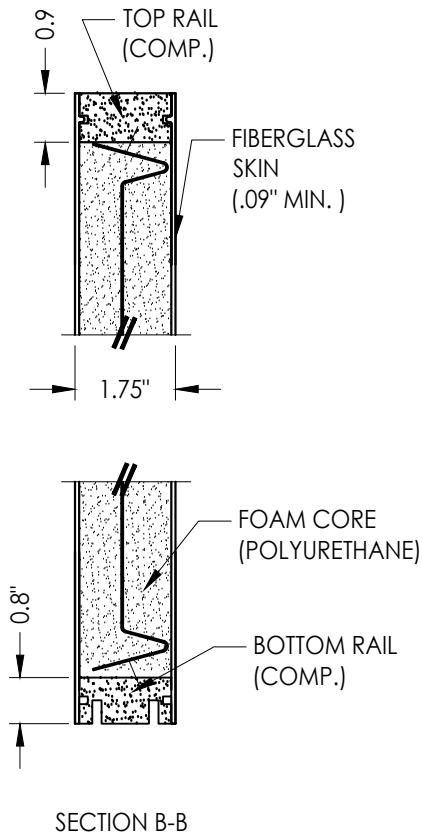
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SHEET 5 OF 8

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MAX. D.P = ± 80 PSF



MAX. D.P = ± 80 PSF

NOTE: SEE GENERAL NOTE 6, 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
9	7/01/26	UPDATE TO 9TH ED. (2026) FBC
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
4		
3		
2		
1		

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

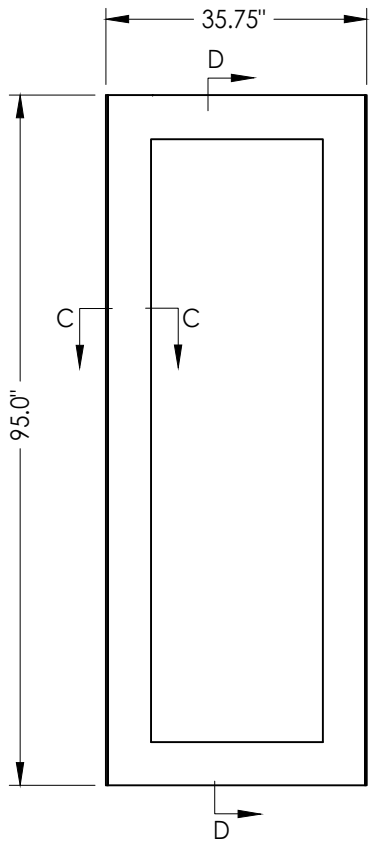
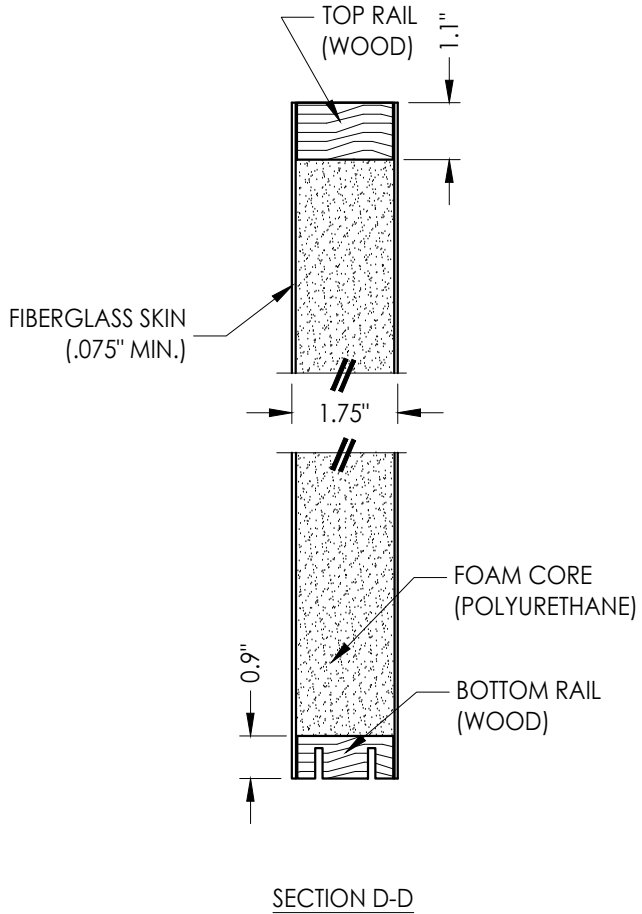
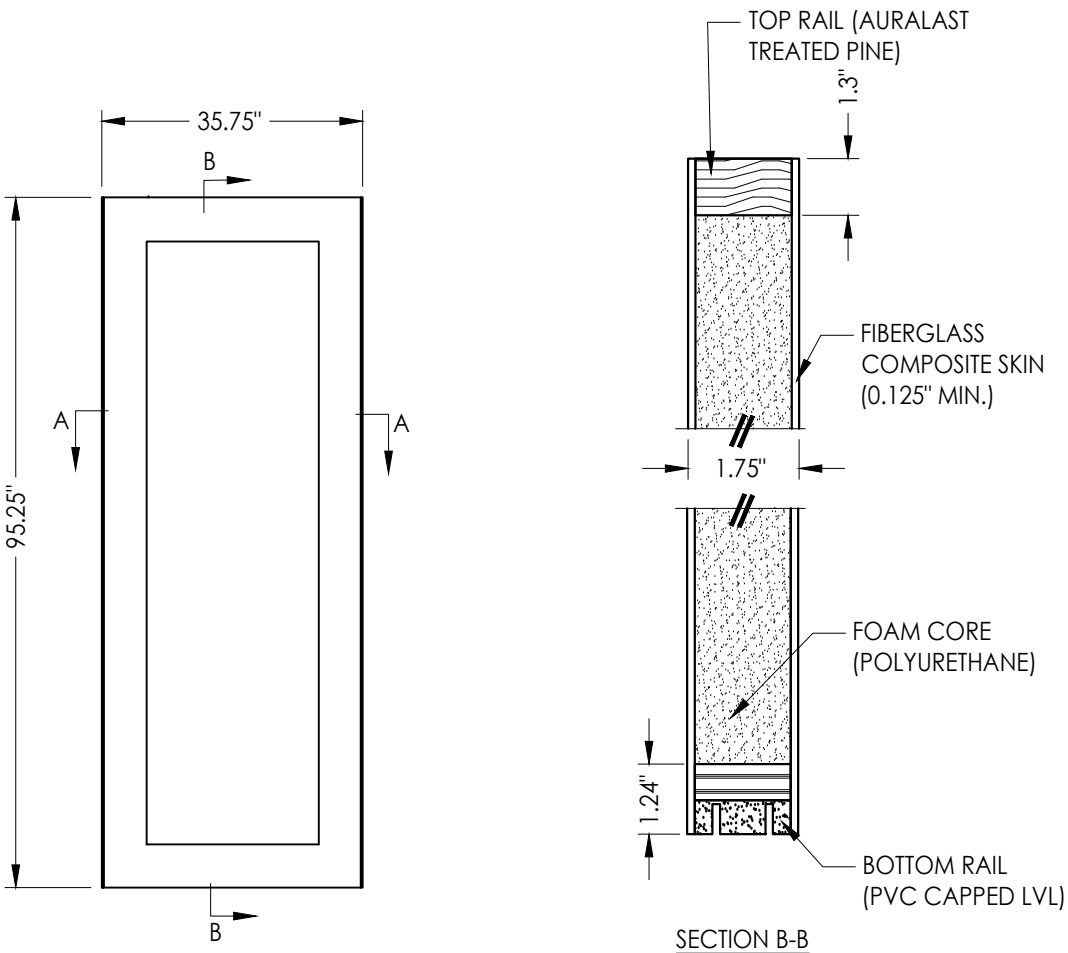
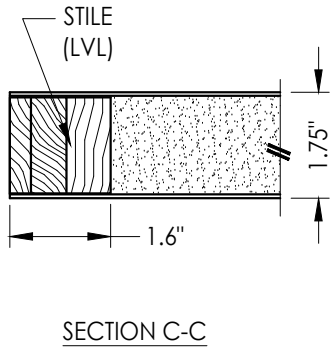
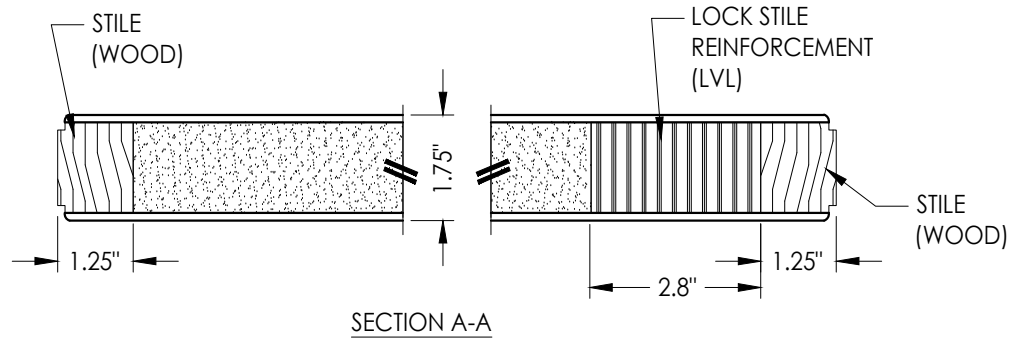
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DRAWING NO.:

FL-14935.4

SHEET 6 OF 8

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FIBERGLASS DOOR PANEL
JELD-WEN 8'
(FIBERLAST)

MAX. D.P = ± 66 PSF

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

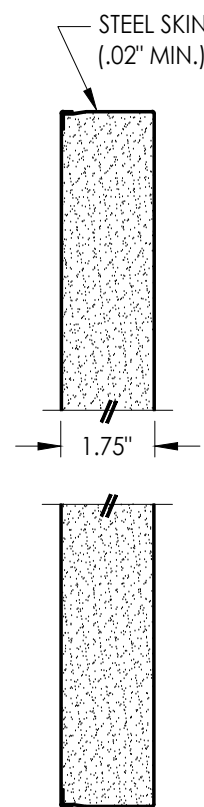
FIBERGLASS DOOR PANEL
Masonite 8'

MAX. D.P = ± 65 PSF

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: DOOR PANELS DETAILS	
9	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS
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	LFS	
5	1/11/18	ADD "FLAT FRAME" PROFILE	LFS	BY	
NO.		DATE			
DATE: 10/25/11					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14935.4					
SHEET 7 OF 8					

A diagram of a rectangular frame with an inner rectangle and an outer rectangle. The outer rectangle has a width of 35.75" and a height of 95.25". The inner rectangle is centered within the outer one. Four forces are applied to the frame: a downward force 'A' at the top-left corner of the outer rectangle, an upward force 'A' at the top-left corner of the inner rectangle, a rightward force 'B' at the top-right corner of the outer rectangle, and a leftward force 'B' at the bottom-right corner of the outer rectangle.

MAX. D.P = ± 65 PSF



A cross-sectional diagram of a composite material. On the left, a vertical section of wood is labeled "STILE (WOOD)". To its right is a larger section with a hexagonal pattern, labeled "EPS CORE (POLYSTYRENE)". A horizontal dimension line above the EPS core indicates a width of "1\"". A vertical dimension line on the right indicates a height of "1.75\"".

TOP RAIL (WOOD)

1"

STEEL SKIN (.024" MIN.)

1.75"

1.25"

BOTTOM RAIL (STEEL - 0.02" MIN.)

SECTION D-D

35.75"

95.25"

C

D

MAX. D.P = ± 80 PSF

Technical drawing of a rectangular frame, showing cross-sections and a plan view.

Cross-sections (Left):

- Top Rail (Wood):** Indicated by a label and an arrow pointing to the top layer of the upper cross-section.
- Bottom Rail (Wood):** Indicated by a label and an arrow pointing to the bottom layer of the lower cross-section.
- Dimensions:**
 - Top rail thickness: 0.8"
 - Bottom rail thickness: 0.8"
 - Inner width of the frame: 1.75"

Plan View (Right):

- Overall Dimensions:**
 - Width: 35.75"
 - Height: 95.0"
- Applied Forces:**
 - F:** Horizontal forces applied at the top and bottom center of the frame.
 - E:** Vertical forces applied at the left and right center of the frame.

MAX. D.P = ± 65 PSF

DATE:	10/25/11
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14935.4
SHEET	8 OF 8

OR ASSEMBLY:
DOOR PANELS DETAILS

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Phone No.: 813.659.9197
FBPE Registry No. 9813