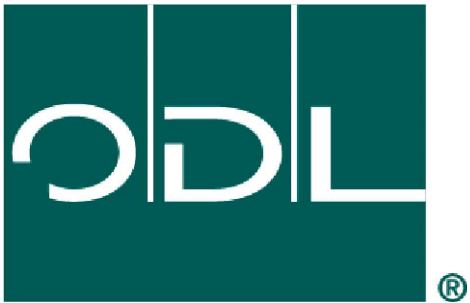




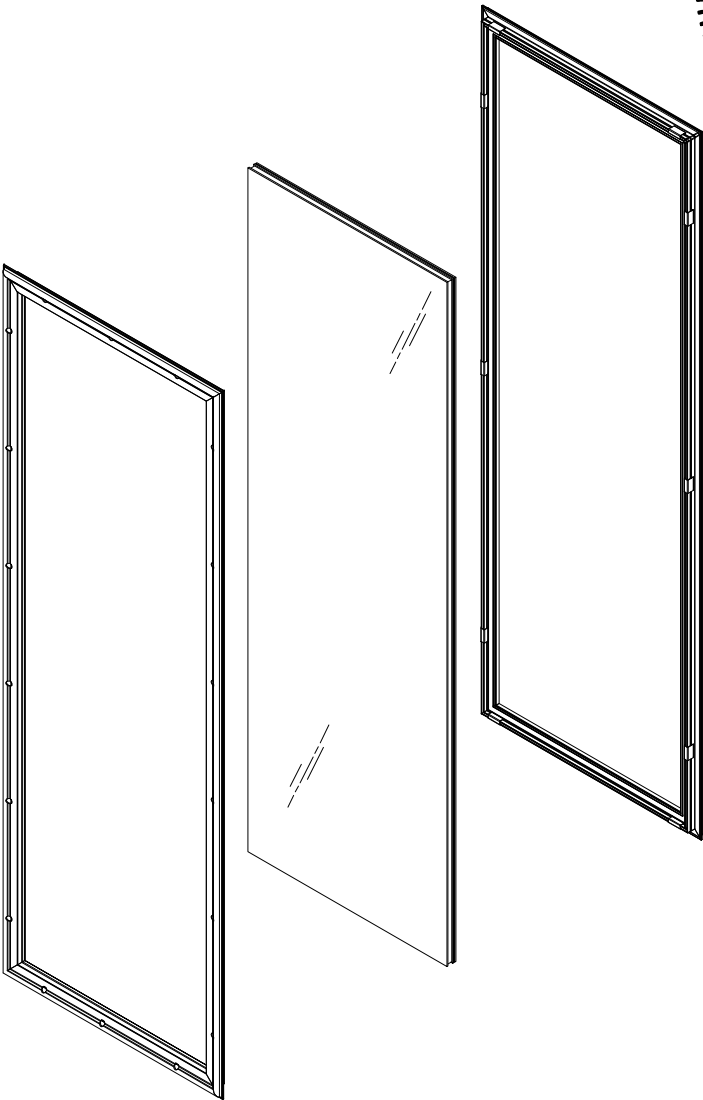
ODL, Inc.
"Impact Resistant"
Severe Weather® Doorglass

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

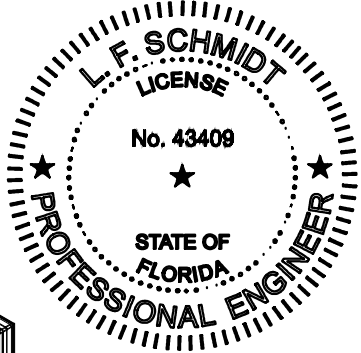
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the High Velocity Hurricane Zone (HVHZ).
2. When used in areas 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.
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 in 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 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

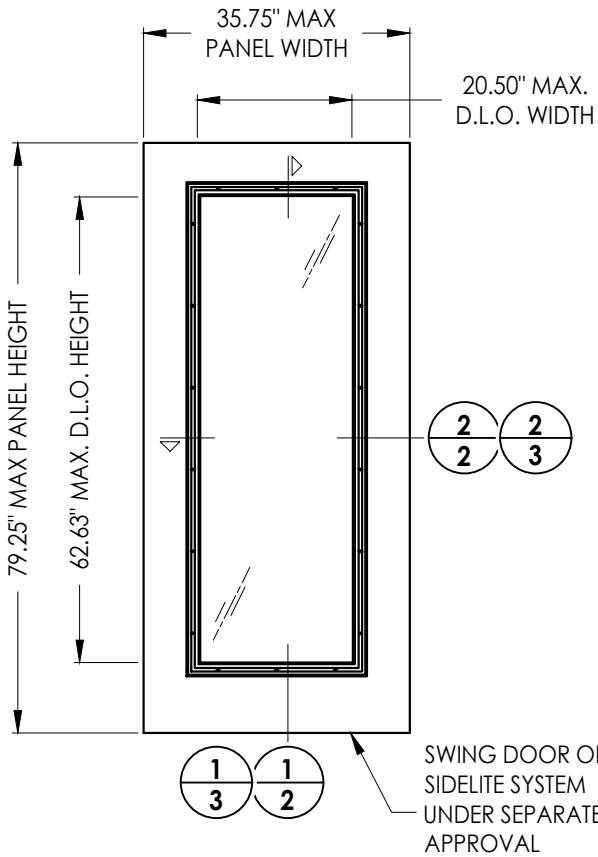


LIGHT DETAIL



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

PRODUCT:
ODL LITE FRAME

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

87/01/23
8

7/01/23
7

8/29/17
6

12/12/19
5

1/11/18
NO.

DATE

REVISIONS

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

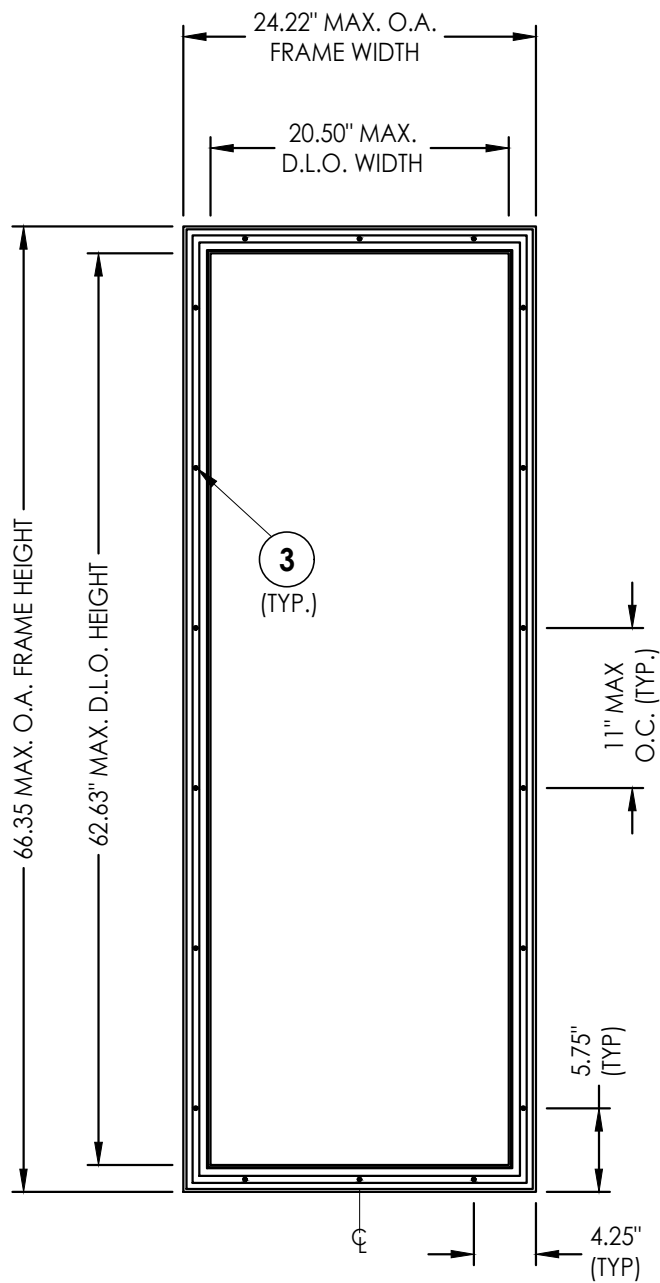
CHK. BY: LFS

DRAWING NO.: FL-14935.1

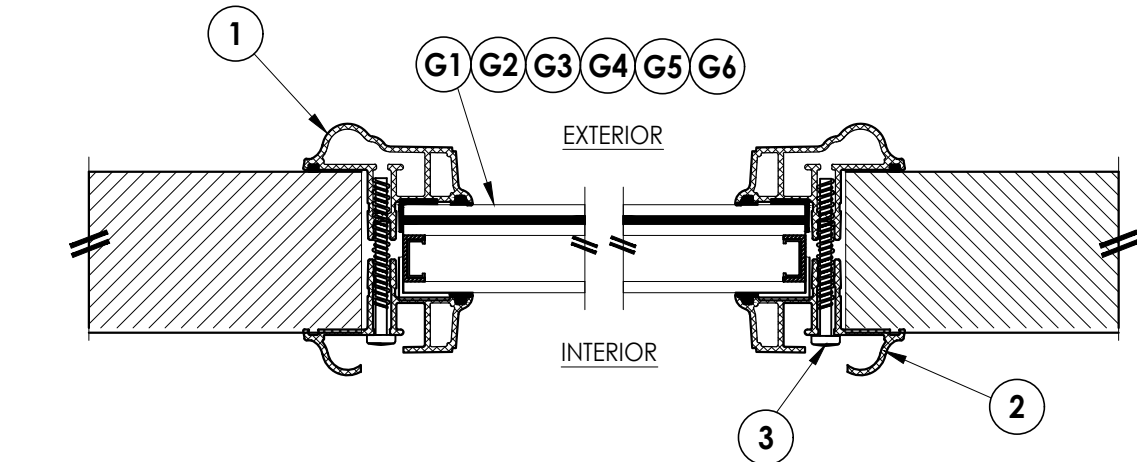
SHEET 1 OF 7

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

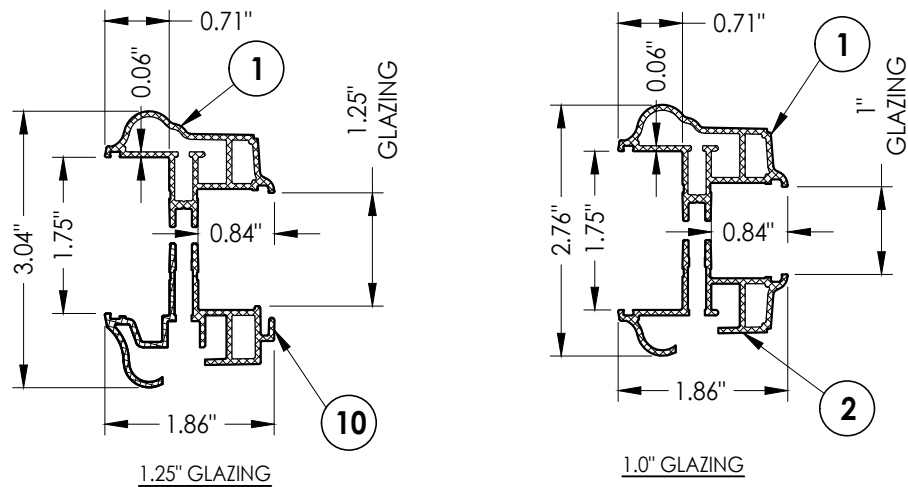
Z:\2023 FBC Drawings\ODL, Inc\FL-14935 R8\FL-14935.1-4.dwg



ODL LITE FRAME DETAIL
"Traditional" Profile

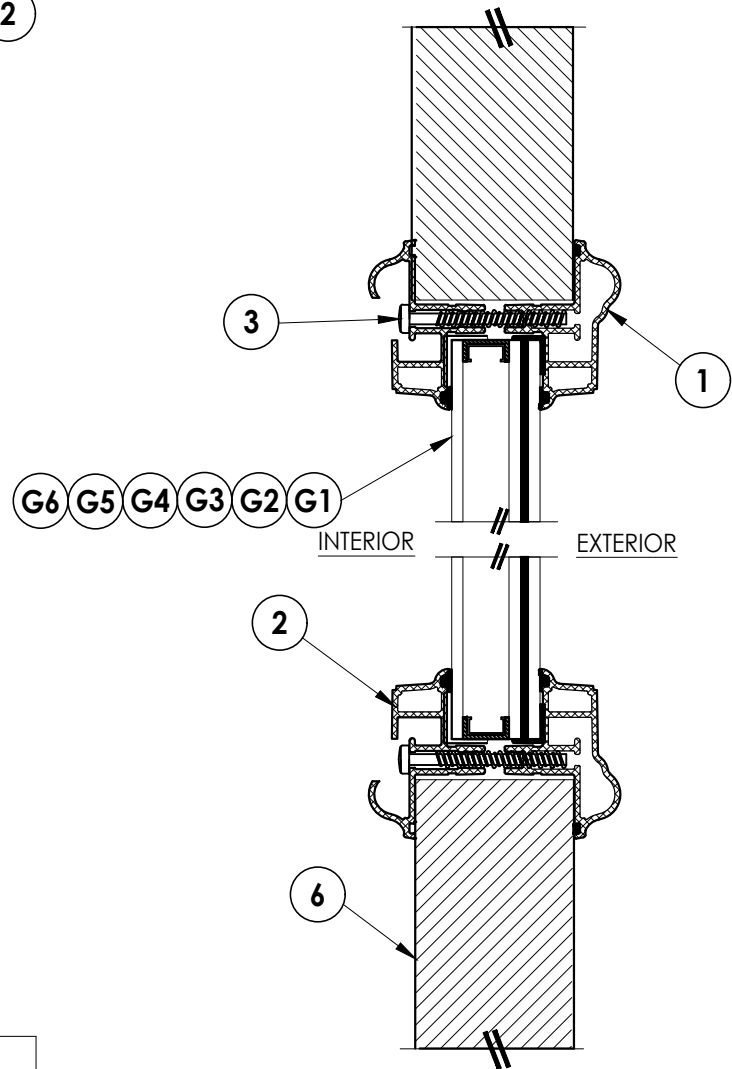


2
2 HORIZONTAL CROSS SECTION



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



1
2 VERTICAL CROSS SECTION

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

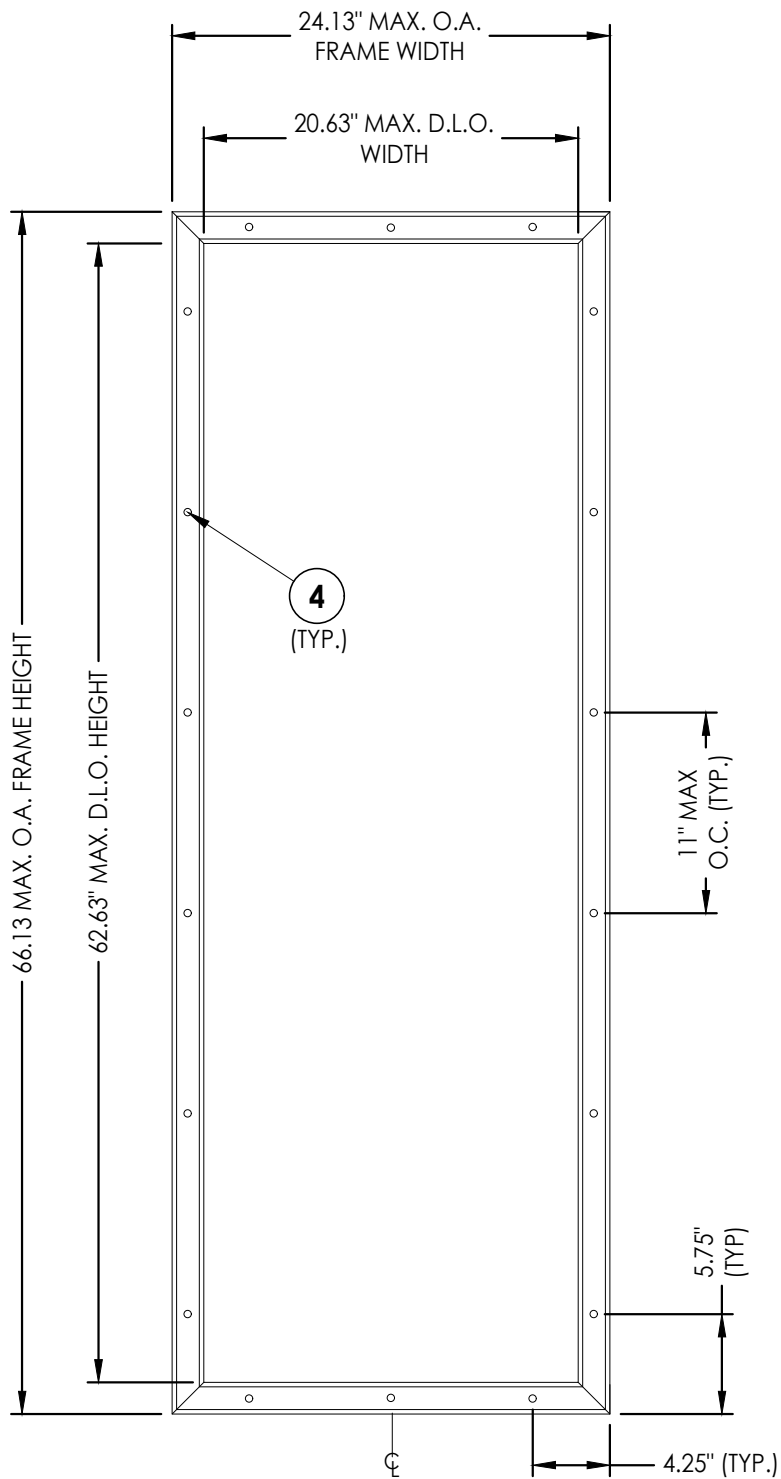
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

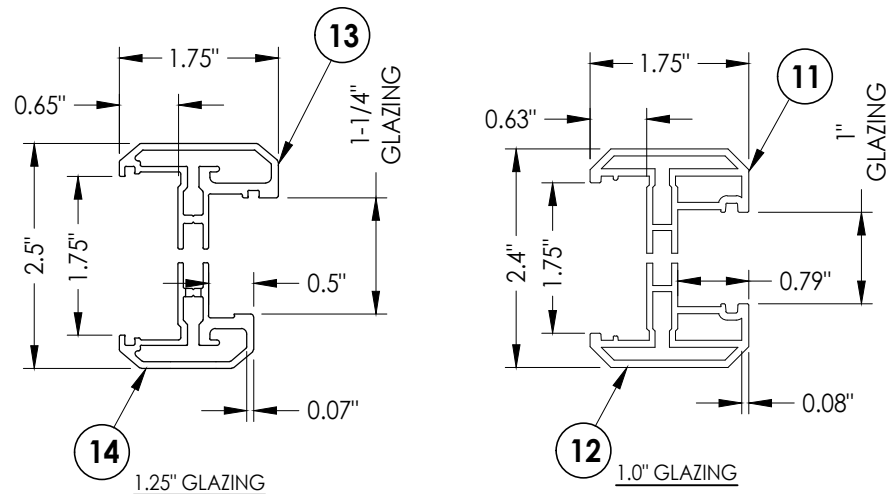
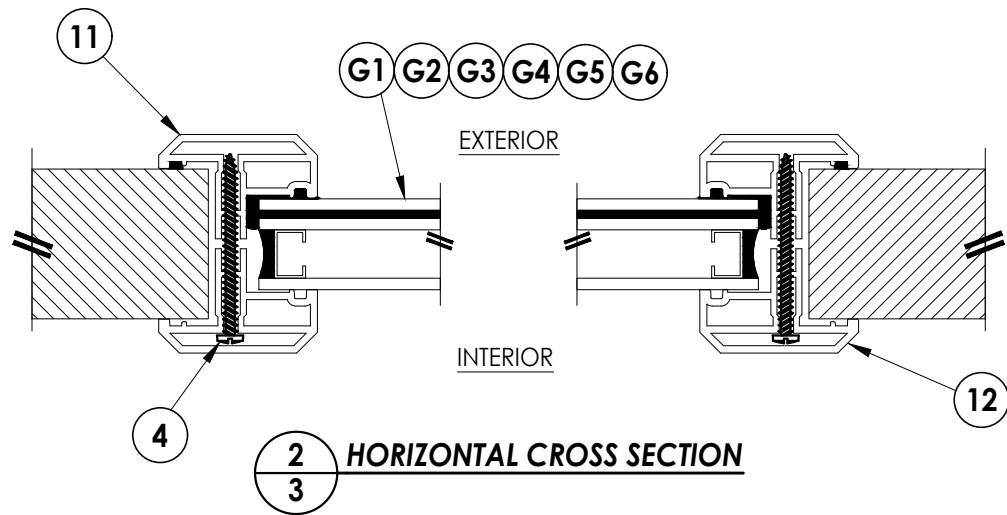
REVISIONS	
NO.	DATE
8	7/01/23
7	8/29/17
6	12/12/19
5	1/11/18
4	
3	
2	
1	

DATE:	10/25/11
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14935.1
SHEET	2 OF 7

Z:\2023 FBC Drawings\ODL, Inc\FL-14935 R8\FL-14935.1-4.dwg

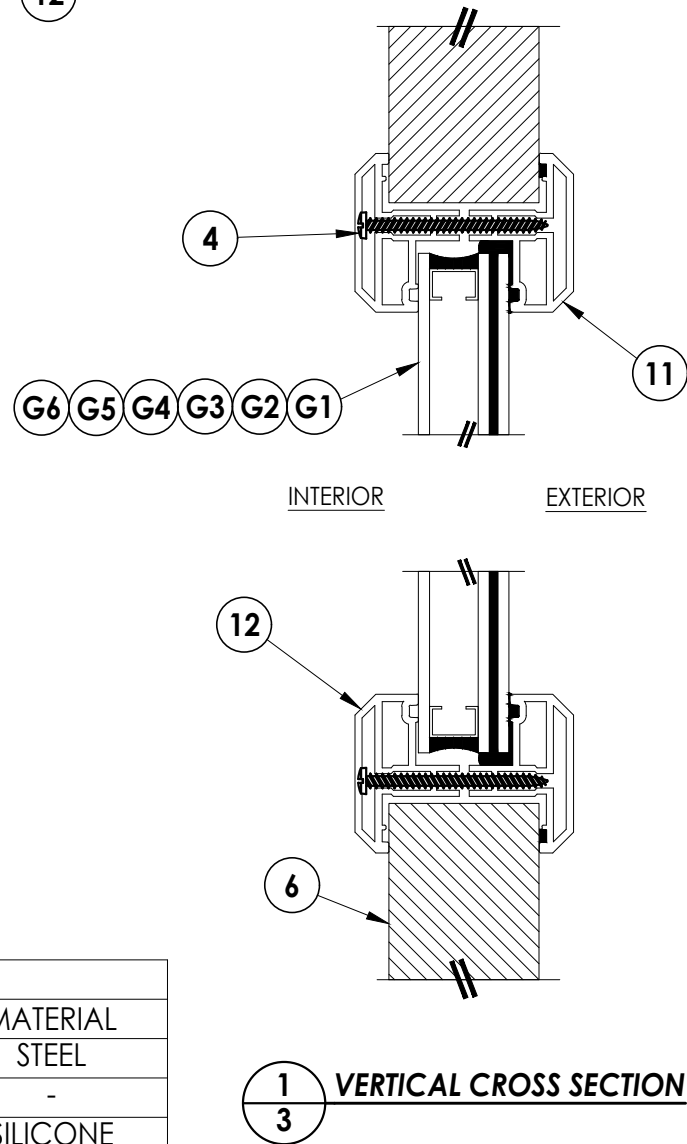


ODL LITE FRAME DETAIL
"Flat Frame" Profile



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

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



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

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

PRODUCT:
ODL LITE FRAME

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

NO.	DATE	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
5	1/11/18	ADD "FLAT FRAME" PROFILE LFS

DATE: 10/25/11

SCALE: N.T.S.

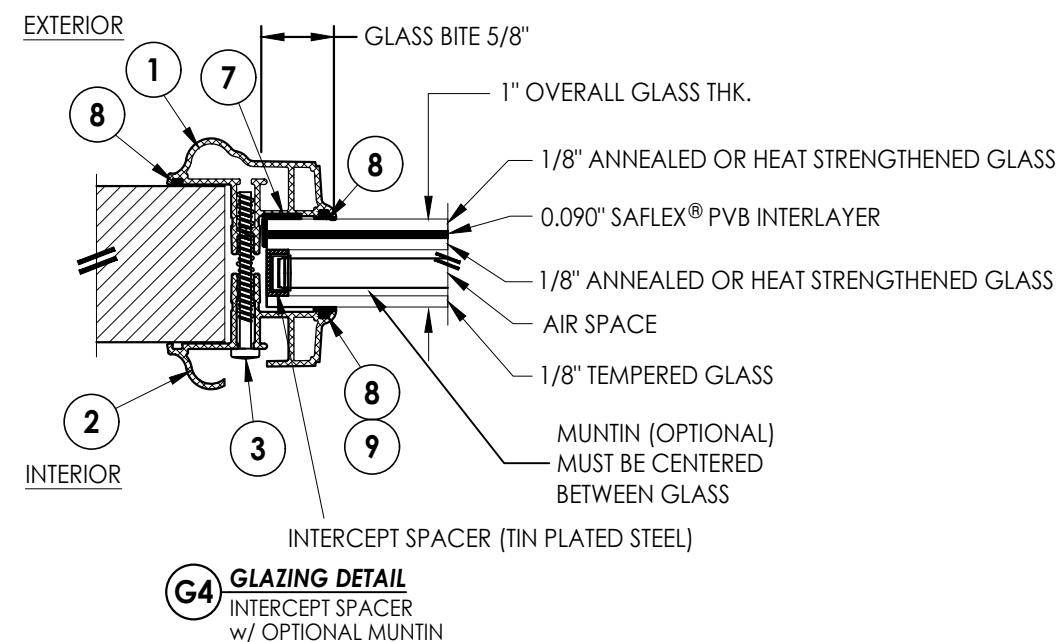
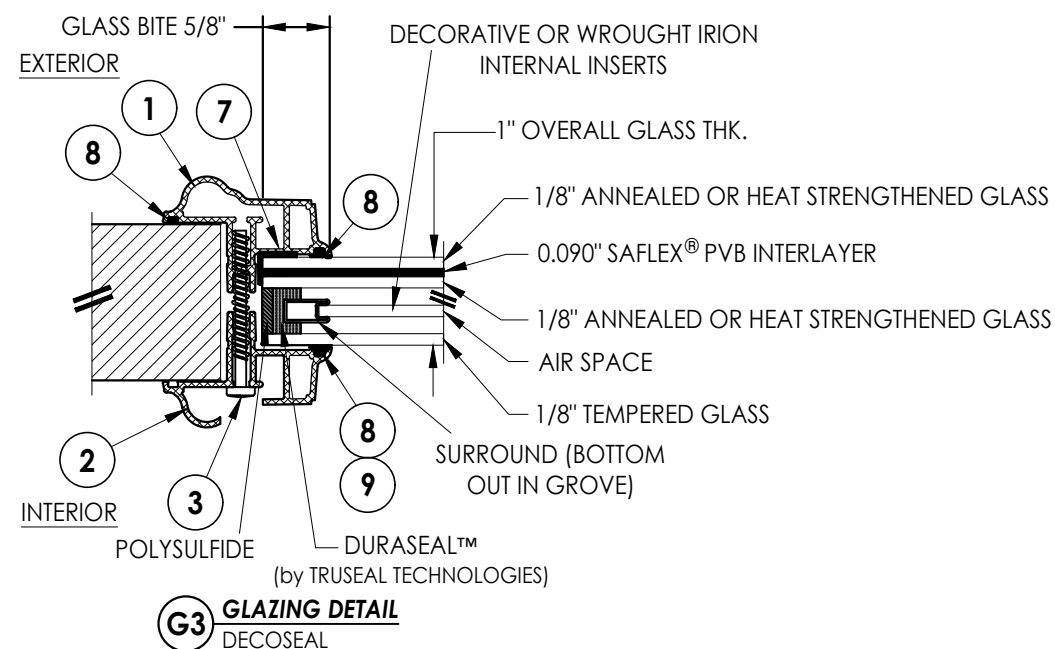
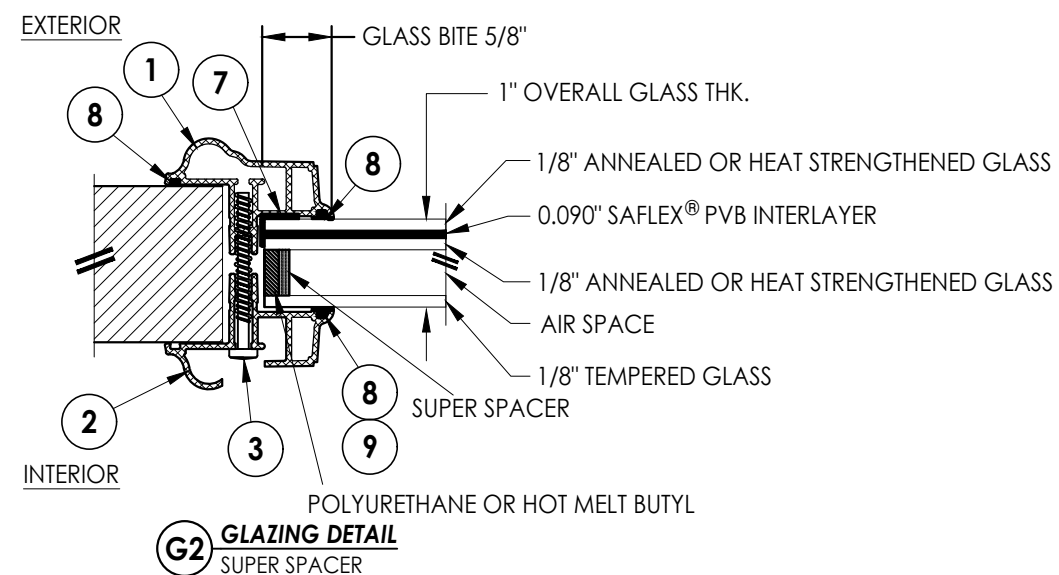
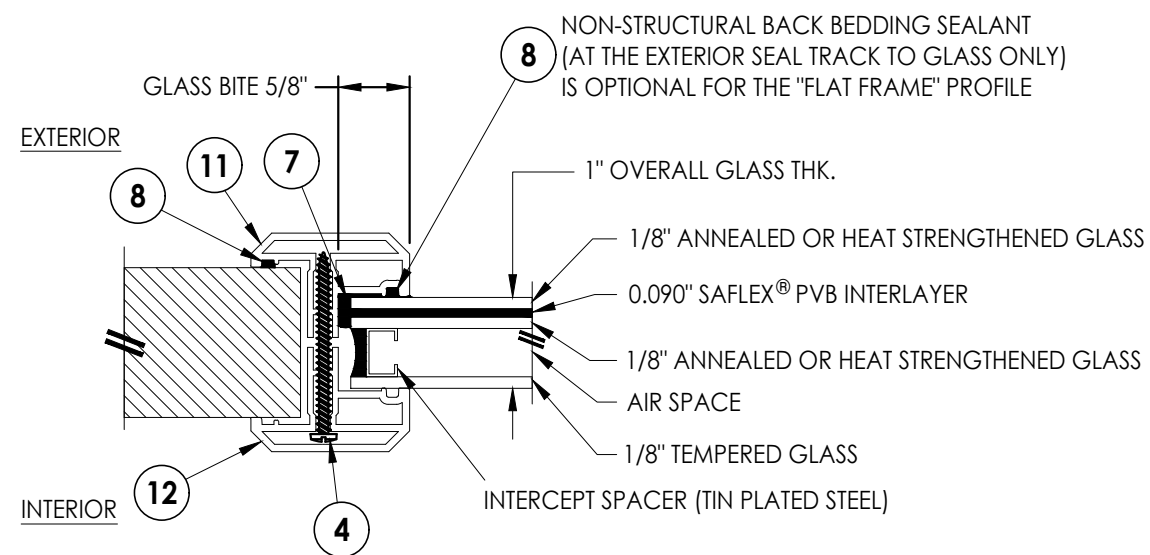
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14935.1

SHEET 3 OF 7



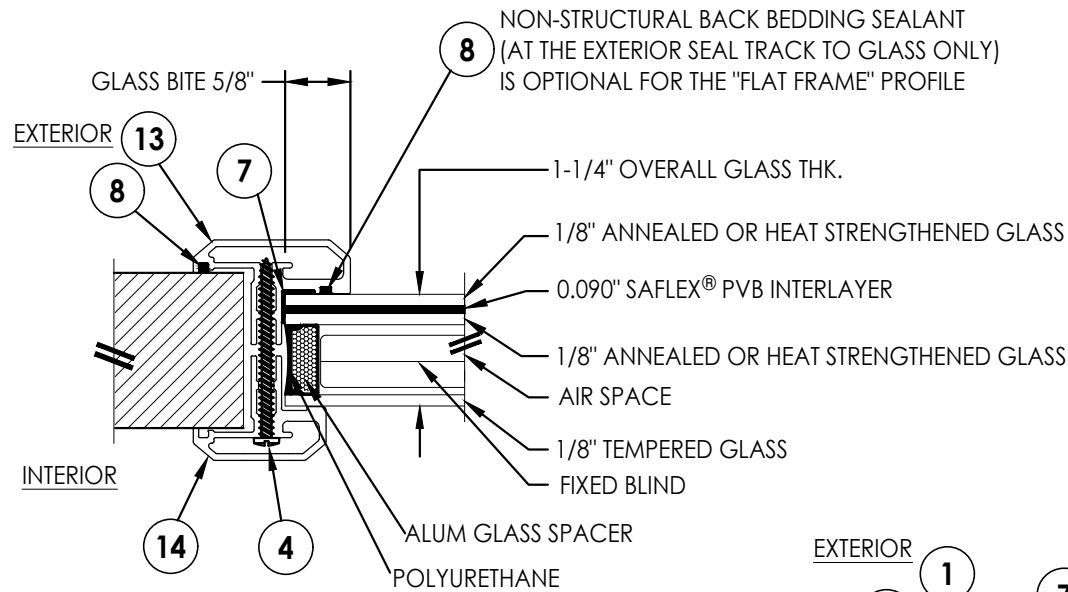
NOTE: GLAZING DETAILS G1, G2, G3 & G4 ARE APPLICABLE FOR BOTH THE "TRADITIONAL" & "FLAT FRAME" PROFILES.

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

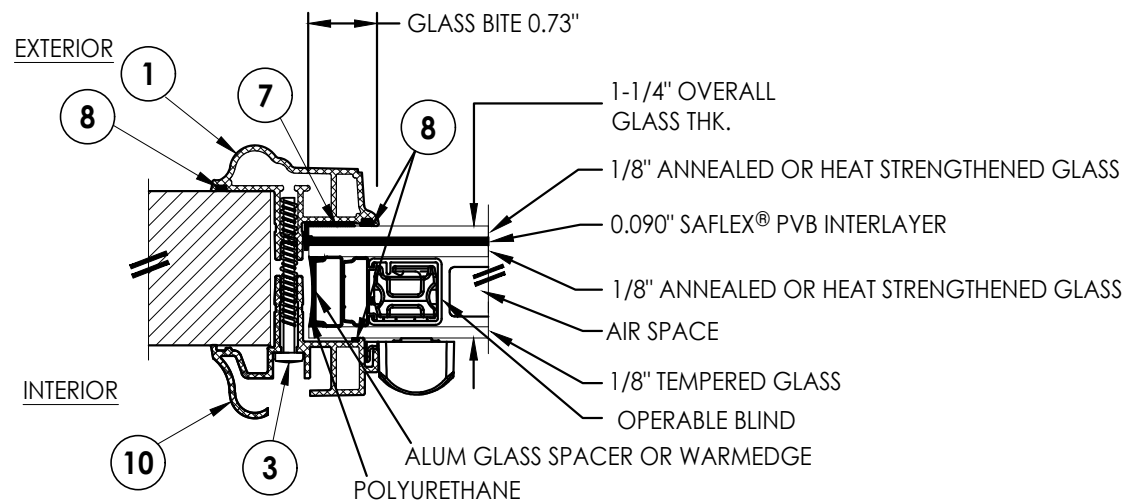
R^{qW} BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 10/25/11		PRODUCT:		ODL LITE FRAME
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-14935.1				
SHEET 4 OF 7				PART OR ASSEMBLY: GLAZING DETAILS
				REVISIONS
				BY

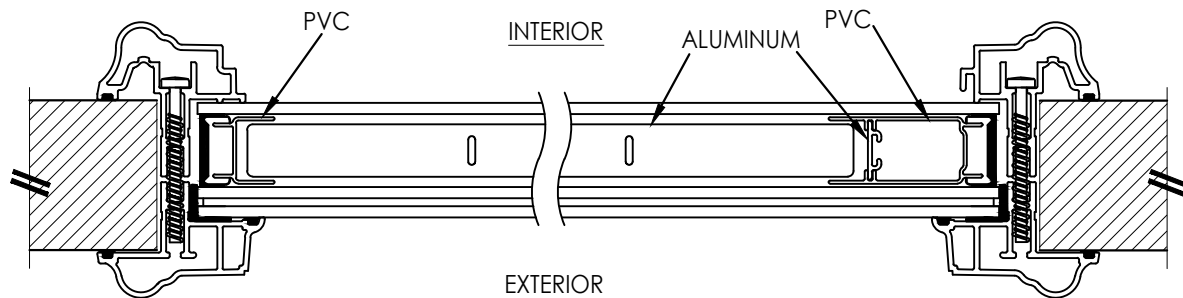
Z:\2023 FBC Drawings\ODL, Inc\FL-14935 R8\FL-14935.1-4.dwg



G5 GLAZING DETAIL
ALUM SPACER w/ FIXED BLIND

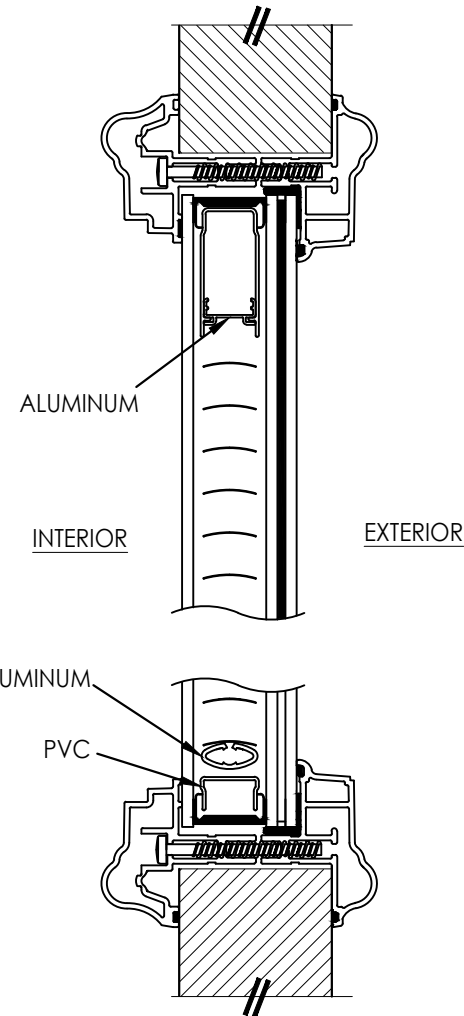


G6 GLAZING DETAIL
ALUM SPACER w/ OPERABLE BLIND



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

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:
GLAZING DETAILS

NO.	DATE	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
5	1/11/18	ADD "FLAT FRAME" PROFILE LFS

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

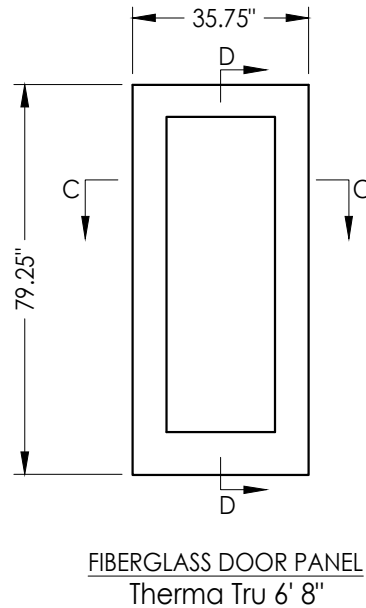
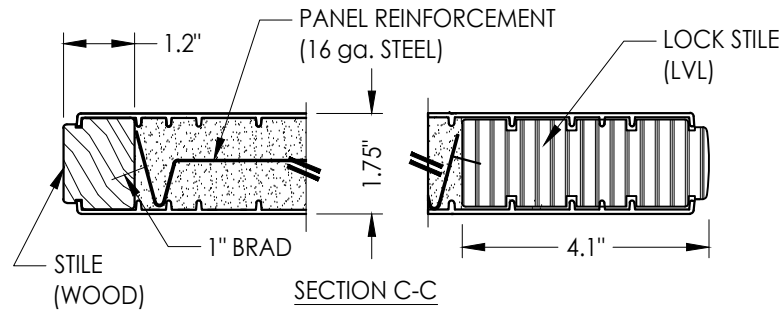
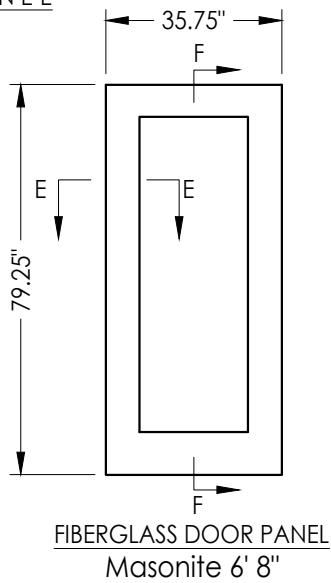
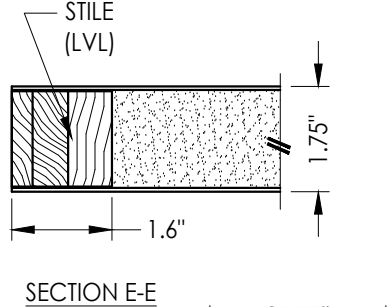
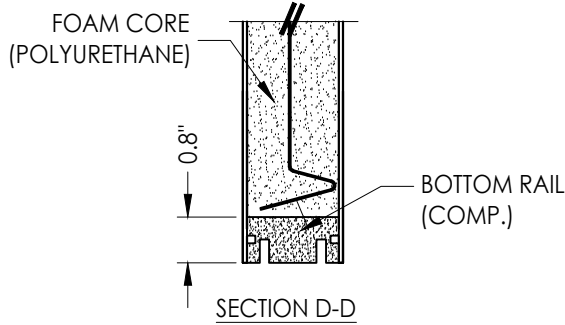
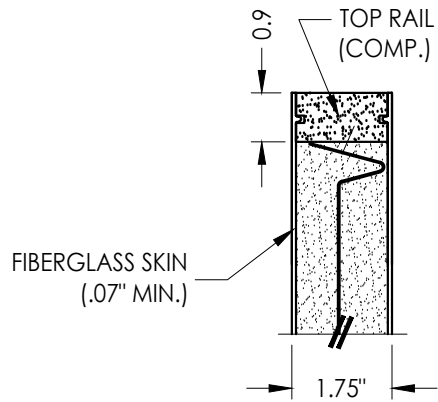
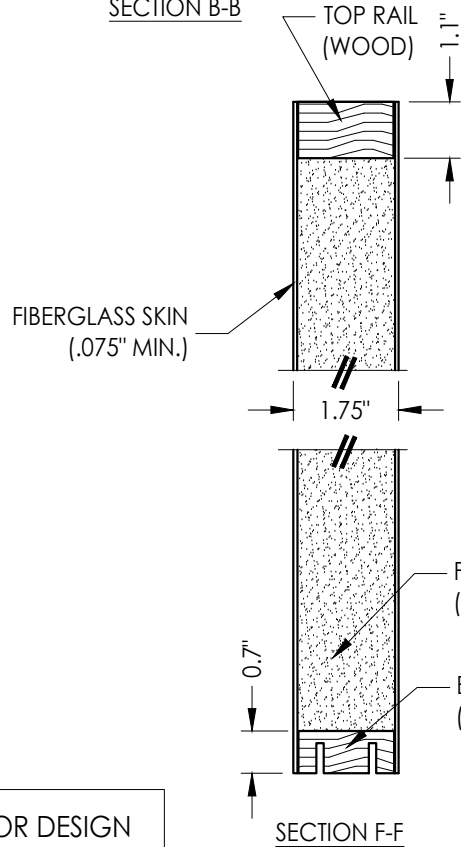
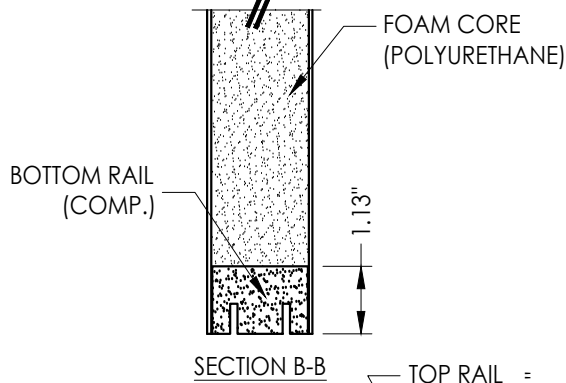
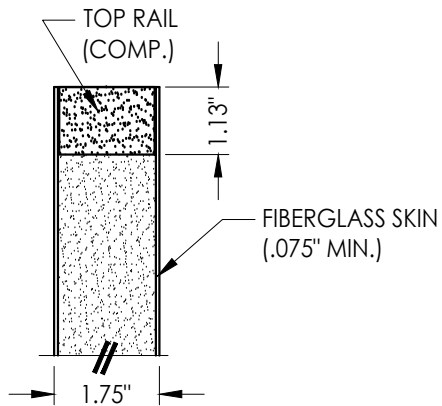
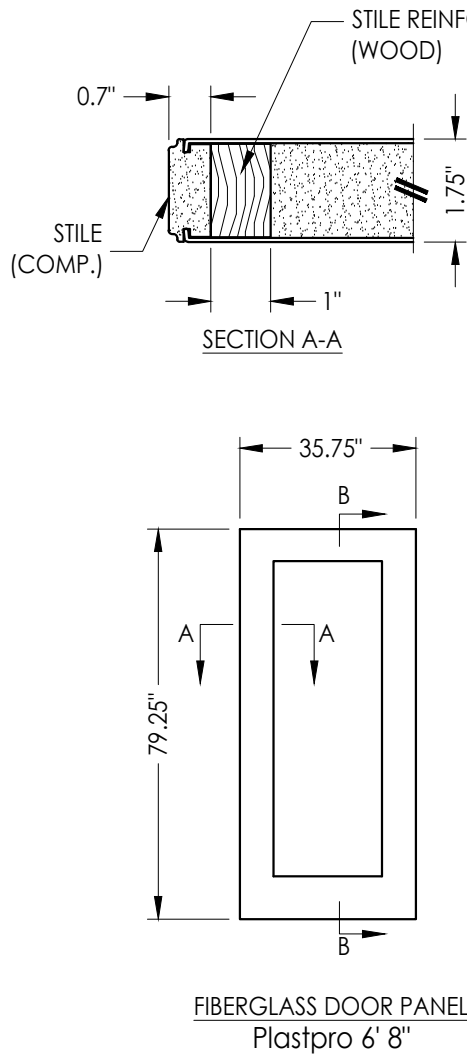
CHK. BY: LFS

DRAWING NO.:

FL-14935.1

SHEET 5 OF 7

Z:\2023 FBC Drawings\ODL, Inc\FL-14935 R8\FL-14935.1-4.dwg



NOTE: SEE GENERAL NOTE 4, 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:

ODL LITE FRAME

PART OR ASSEMBLY:

DOOR PANELS DETAILS

NO.	DATE	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
5	1/11/18	ADD "FLAT FRAME" PROFILE LFS
NO.	DATE	BY

DATE: 10/25/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14935.1

SHEET 6 OF 7

