



# Testing Evaluation Laboratories, Inc.

2002 Wood Court Suite 1 – Plant City, FL 33563  
Phone: 813-754-9887

***TAS 202-94, TAS 201-94 and TAS 203-94***

## **TEST RESULTS**

IAS Lab Accreditation Number: TL-299

Report No: TEL 01993776

Test Dates: November 16, 2022  
through October 2, 2023

Report Date: October 21, 2023

Revision Date: May 20, 2024

Record Retention End Date: October 21, 2033

Issued to:

Fleetwood Windows and Doors  
1 Fleetwood Way  
Corona, CA 92879

**Project Summary:** Testing Evaluation Laboratories, Inc. (TEL) was contracted by Fleetwood Windows and Doors to perform tests on the EDGE Series Sliding Glass Door at TEL's Plant City, FL test facility.

Test specimen descriptions and results are reported herein.

**Test Specifications:** The test specimens were evaluated in accordance with the following:

***High Velocity Hurricane Zone Protocols TAS 202-94, TAS 201-94 and TAS 203-94***

**Series / Model:** EDGE Series Sliding Glass Door

**Type:** Impact Resistant Aluminum Sliding Glass Doors

**Overall Size:** 179.94" x 120.00" – XXX – All Specimens

**Daylight Opening:** 58.19" x 113.44" – All Panels – All Specimens

**Sash Size:** 60.19" x 115.81" – All Specimens

**Glazing Detail:** (See attached drawings #L-9826, #9826a and #L-9826b for details.)

**Frame Material:** Aluminum

**Finish:** Mill Finish

**For Tested Elevation, Vertical Cross Sections, Horizontal Cross Sections, Components, Frame Anchoring, Glazing Detail and Bill of Materials See Attached Drawing #L-9826, #L-9826a and #L-9826b.**

**STRUCTURAL TESTS (TAS 202)**

**Specimen 1 – 179.94" x 120.00"– Aluminum Sliding Glass Door (XXX)**

Air Infiltration (ASTM E283-04)	Pressure 1.57 PSF	SCFM/Ft <sup>2</sup> 0.065	Result Pass
Air Infiltration (ASTM E283-04)	Pressure 6.24 PSF	SCFM/Ft <sup>2</sup> 0.196	Result Pass
Air Exfiltration (ASTM E283-04)	Pressure 1.57 PSF	SCFM/Ft <sup>2</sup> 0.065	Result Pass
Air Exfiltration (ASTM E283-04)	Pressure 6.24 PSF	SCFM/Ft <sup>2</sup> 0.119	Result Pass
Water Infiltration (ASTM E331-00)	Pressure 9.75 PSF*	Time 15.0 Min.	Result Pass

*\*Water testing performed without sill riser. See Specimen 2 of this report for additional water test results.*

Christian Seifried, Test Technician

**STRUCTURAL TESTS (TAS 202)**

**Specimen 2 - 179.94" x 120.00"– Aluminum Sliding Glass Door (XXX)**

**Design Pressure                    Positive 75.0    Negative 75.0**

Air Infiltration (ASTM E283-04) *See Specimen 1, this report, for these results.*

Structural Loads (ASTM E330-14)

Range	Time (sec)	Load (psf)
Half Test Positive	30	37.50
Design Positive	30	75.00
Half Test Negative	30	37.50
Design Negative	30	75.00

Water Infiltration (ASTM E331-00) (With 7/8" Sill Riser)	Pressure	Time	Result
	11.25 PSF*	15.0 Min.	Pass

*\* See Specimen 1, this report, for additional water testing results.)*

**Note #1: Water Infiltration performed after Positive and Negative half and design loads.**

Structural Loads (ASTM E330-14)

Range	Time (sec)	Load (psf)	Location	Deflection	Set	Allowable (Set)
Half Proof Positive	10	56.25				
Test Positive	30	112.50	1	1.979"	0.130"	0.464"
			2	0.503"	0.193"	0.241"
Half Proof Negative	10	56.25				
Test Negative	30	112.50	1	2.303"	0.257"	0.464"
			2	0.754"	0.219"	0.241"

**Deflection Locations:**

- Deflection/Set for Location 1 measured at center of interlock.*
- Deflection/Set for Location 2 measured at center of top rail of panel.*

**Forced Entry**

ASTM F842                    Type "A" Assembly                    Passed

**Conclusion:** TEL observed no signs of failure in any area of this test specimen during the Uniform Static Load Test. In addition, specimen met the permanent set requirements. Therefore, this specimen satisfies the uniform static load test requirements of TAS 202-94.

Christian Seifried, Test Technician

**STRUCTURAL TESTS (TAS 202)**

**Specimen 3 - 179.94" x 120.00"-- Aluminum Sliding Glass Door (XXX)**

**Design Pressure            Positive 75.0    Negative 75.0**

Air Infiltration (ASTM E283-04) *See Specimen 1, this report, for these results.*

Structural Loads (ASTM E330-14)

Range	Time (sec)	Load (psf)
Half Test Positive	30	37.50
Design Positive	30	75.00
Half Test Negative	30	37.50
Design Negative	30	75.00

Water Infiltration (ASTM E331-00) *See Specimens 1 and 2, this report, for these results.*

Structural Loads (ASTM E330-14)

Range	Time (sec)	Load (psf)	Location	Deflection	Set	Allowable (Set)
Half Proof Positive Test Positive	10	56.25				
	30	112.50	1	1.912"	0.191"	0.464"
			2	0.541"	0.139"	0.241"
Half Proof Negative Test Negative	10	56.25				
	30	112.50	1	2.325"	0.159"	0.464"
			2	1.069"	0.21"	0.241"

***Deflection Locations:***

***Deflection/Set for Location 1 measured at center of interlock.***

***Deflection/Set for Location 2 measured at center of top rail of panel.***

**Forced Entry**

ASTM F842            Type "A" Assembly            Passed

**Conclusion:** TEL observed no signs of failure in any area of this test specimen during the Uniform Static Load Test. In addition, specimen met the permanent set requirements. Therefore, this specimen satisfies the uniform static load test requirements of TAS 202-94.

Christian Seifried, Test Technician

## IMPACT AND CYCLING TESTS (TAS 201/203)

### Specimen 2a – 179.94" x 120.00" – Aluminum Sliding Glass Door (XXX)

#### TAS 201 and 203 – Large Missile Impact (2 x 4 Southern Yellow Pine)

Cond. Temp Of Specimen	Missile Level	Missile Weight	Missile Length	Muzzle Distance From Specimen
76°F	D	9.0 lbs, 2 oz	7'-10"	17'2"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	150.00"	59.00"	49.8 fps
2	Pass	129.50"	12.00"	49.7 fps
3	Pass	120.25"	57.25"	50.1 fps
Orientation of Missile at Impact was within +/-5° of horizontal. None of the impacts penetrated the specimens. "X" measurement is from the left edge of test specimen. "Y" measurement is from the bottom edge of test specimen.				

#### TAS 201 and 203 – Fatigue Load Cycling Design Pressure +75.0 psf / -75.0 psf

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
20% to 50%	15.0 to 37.5	3500	2.35
0% to 60%	0.0 to 45.0	300	2.97
50% to 80%	37.5 to 60.0	600	1.65
30% to 100%*	22.5 to 75.0	100	2.49

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	22.5 to 75.0	50	2.98
50% to 80%	37.5 to 60.0	1050	1.37
0% to 60%	0.0 to 45.0	50	2.64
20% to 50%	15.0 to 37.5	3350	1.45
*Panel deflected 4.25" from original plane at 100% Positive load and 5.50" from original plane at 100% Negative load. At the completion of cycles the door panel was operable. There were no tears in the film. In our opinion, the tape and film used to seal for air leakage did not influence the results of the test.			

Christian Seifried, Test Technician

Mfg Observers – None

## IMPACT AND CYCLING TESTS (TAS 201/203)

### Specimen 2b – 179.94" x 120.00" – Aluminum Sliding Glass Door (XXX)

#### TAS 201 and 203 – Large Missile Impact (2 x 4 Southern Yellow Pine)

Cond. Temp Of Specimen	Missile Level	Missile Weight	Missile Length	Muzzle Distance From Specimen
76°F	D	9.0 lbs, 2 oz	7'-10"	17'2"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	150.00"	59.50"	50.3 fps
2	Pass	128.50"	9.50"	50.3 fps
3	Pass	121.50"	57.00"	50.2 fps

Orientation of Missile at Impact was within +/-5° of horizontal.  
None of the impacts penetrated the specimens.  
"X" measurement is from the left edge of test specimen.  
"Y" measurement is from the bottom edge of test specimen.

#### TAS 201 and 203– Fatigue Load Cycling      Design Pressure +75.0 psf / -75.0 psf

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
20% to 50%	15.0 to 37.5	3500	2.17
0% to 60%	0.0 to 45.0	300	2.85
50% to 80%	37.5 to 60.0	600	1.79
30% to 100%*	22.5 to 75.0	100	2.98

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	22.5 to 75.0	50	2.95
50% to 80%	37.5 to 60.0	1050	2.02
0% to 60%	0.0 to 45.0	50	2.41
20% to 50%	15.0 to 37.5	3350	1.98

\*Panel deflected 3.75" from original plane at 100% Positive load and 4.75" from original plane at 100% Negative load. At the completion of cycles the door panel was operable. There were no tears in the film. In our opinion, the tape and film used to seal for air leakage did not influence the results of the test.

Christian Seifried, Test Technician

Mfg Observers – None

## IMPACT AND CYCLING TESTS (TAS 201/203)

### Specimen 2c – 179.94" x 120.00" – Aluminum Sliding Glass Door (XXX)

#### TAS 201 and 203 – Large Missile Impact (2 x 4 Southern Yellow Pine)

Cond. Temp Of Specimen	Missile Level	Missile Weight	Missile Length	Muzzle Distance From Specimen
76°F	D	9.0 lbs, 2 oz	7'-10"	17'2"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	149.50"	60.00"	49.8 fps
2	Pass	172.50"	110.00"	50.3 fps
3	Pass	120.00"	57.00"	50.3 fps

Orientation of Missile at Impact was within +/-5° of horizontal.  
None of the impacts penetrated the specimens.  
"X" measurement is from the left edge of test specimen.  
"Y" measurement is from the bottom edge of test specimen.

#### TAS 201 and 203– Fatigue Load Cycling      Design Pressure +75.0 psf / -75.0 psf

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
20% to 50%	15.0 to 37.5	3500	2.00
0% to 60%	0.0 to 45.0	300	2.40
50% to 80%	37.5 to 60.0	600	1.99
30% to 100%*	22.5 to 75.0	100	2.93

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	22.5 to 75.0	50	2.81
50% to 80%	37.5 to 60.0	1050	1.45
0% to 60%	0.0 to 45.0	50	2.41
20% to 50%	15.0 to 37.5	3350	2.08

\*Panel deflected 3.75" from original plane at 100% Positive load and 4.00" from original plane at 100% Negative load. At the completion of cycles the door panel was operable. There were no tears in the film. In our opinion, the tape and film used to seal for air leakage did not influence the results of the test.

Christian Seifried, Test Technician

Mfg Observers – None

# IMPACT AND CYCLING TESTS (TAS 201/203)

## Specimen 3a – 179.94" x 120.00"– Aluminum Sliding Glass Door (XXX)

### TAS 201 and 203 – Large Missile Impact (2 x 4 Southern Yellow Pine)

Cond. Temp Of Specimen	Missile Level	Missile Weight	Missile Length	Muzzle Distance From Specimen
76°F	D	9.0 lbs, 2 oz	7'-10"	17'2"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	149.00"	59.00"	49.6 fps
2	Pass	126.00"	11.00"	49.8 fps
3	Pass	119.25"	57.00"	49.9 fps
Orientation of Missile at Impact was within +/-5° of horizontal. None of the impacts penetrated the specimens. "X" measurement is from the left edge of test specimen. "Y" measurement is from the bottom edge of test specimen.				

### TAS 201 and 203– Fatigue Load Cycling      Design Pressure +75.0 psf / -75.0 psf

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
20% to 50%	15.0 to 37.5	3500	2.25
0% to 60%	0.0 to 45.0	300	2.50
50% to 80%	37.5 to 60.0	600	1.96
30% to 100%*	22.5 to 75.0	100	2.74

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	22.5 to 75.0	50	2.98
50% to 80%	37.5 to 60.0	1050	1.82
0% to 60%	0.0 to 45.0	50	2.75
20% to 50%	15.0 to 37.5	3350	2.05
*Panel deflected 4.75" from original plane at 100% Positive load and 5.63" from original plane at 100% Negative load. At the completion of cycles the door panel was operable. There were no tears in the film. In our opinion, the tape and film used to seal for air leakage did not influence the results of the test.			

Christian Seifried, Test Technician

Mfg Observers – None

**General Note:**

Tape and film were used to seal against air leakage during structural testing and fatigue loading and cycling. In our opinion, the tape and film did not influence the results of the tests.

**Drawing Reference:**

The test specimen drawings have been reviewed by TEL and are representative of the test specimens reported herein.

**Conditions, Terms, and General Notes Regarding These Tests**

The product tested Has Been compared to the detailed drawing, bill of materials and fabrication information supplied by the client so named herein. Our analysis, which includes dimensional and component description comparisons, indicate the tested product and engineering information supplied by the client "Are Equivalent".

The report and representative samples will be retained for four years from the date of initial test.

These test results were obtained by employing all requirements of the designated test methods with no Deviations unless explicitly noted in test report. The test results and specimen supplied for testing are in compliance with the reference.

The test results are specific to the product tested by this laboratory and of the sample supplied by the client named herein, and they relate to no other product either manufactured by the client, a fabricator of the client or of installed field performance.

This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.

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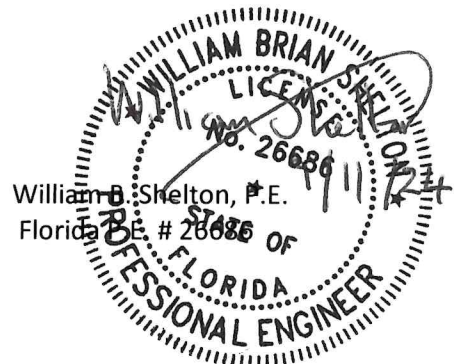
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Limitation of liability: Due diligence was used in performing the tests and reporting the results. By acceptance of this report, this client agrees to hold harmless and indemnify Testing Evaluation Laboratories, Inc., its employees, sub-contractors and officers and owners against all claims and demands of any kind whatsoever, which arise out of or in any manner connected with the performance of work referred to herein.

Testing Evaluation Laboratories, Inc.

*Vivian K. Wright*

Vivian K. Wright,  
President



William B. Shelton, P.E.  
Florida P.E. # 26686 OF

**Revision Log**

Rev No.	Date	Page(s)	Revision(s)
0	10/21/2023	NA	Original Report Issue
1	5/20/2024	Lab Dwg #L-9826a, Sheets 3, 4, 5, 6	Corrected Glazing Details to show the correct interior and exterior makeup

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3	Horizontal Cross Section
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5	Vertical Cross Section
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7	Frame Anchoring
8	Components
9	Bill of Materials & Glazing Detail

PRODUCT: FLEETWOOD  
EDGE SLIDING GLASS DOOR  
SEPC #1

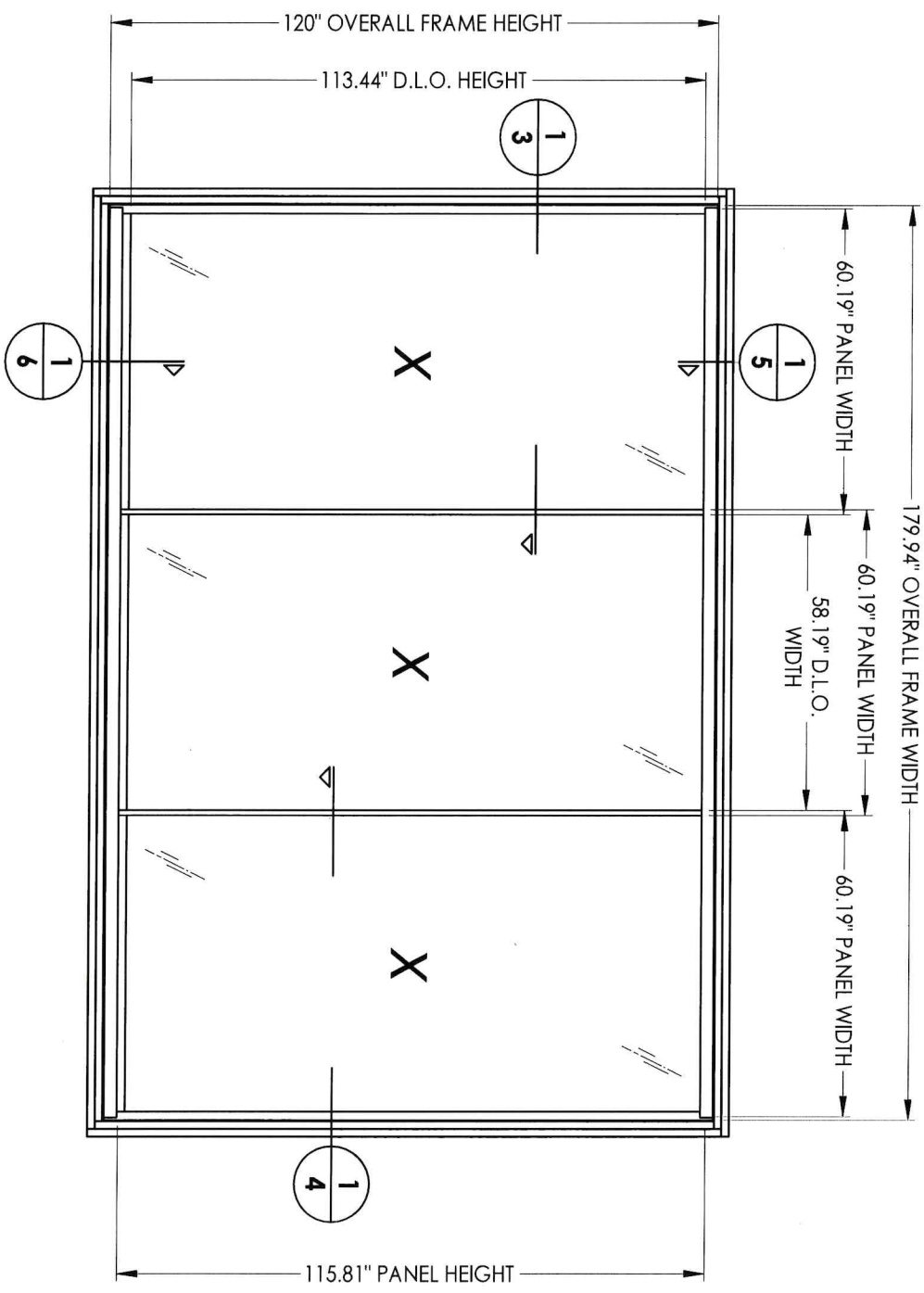
PART OR ASSEMBLY:  
TABLE OF CONTENTS

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS



DATE: 4/04/23  
SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: L-9826  
SHEET 1 OF 9

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL# 01993776  
Date 4/06/2023 Verified by VKW



Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

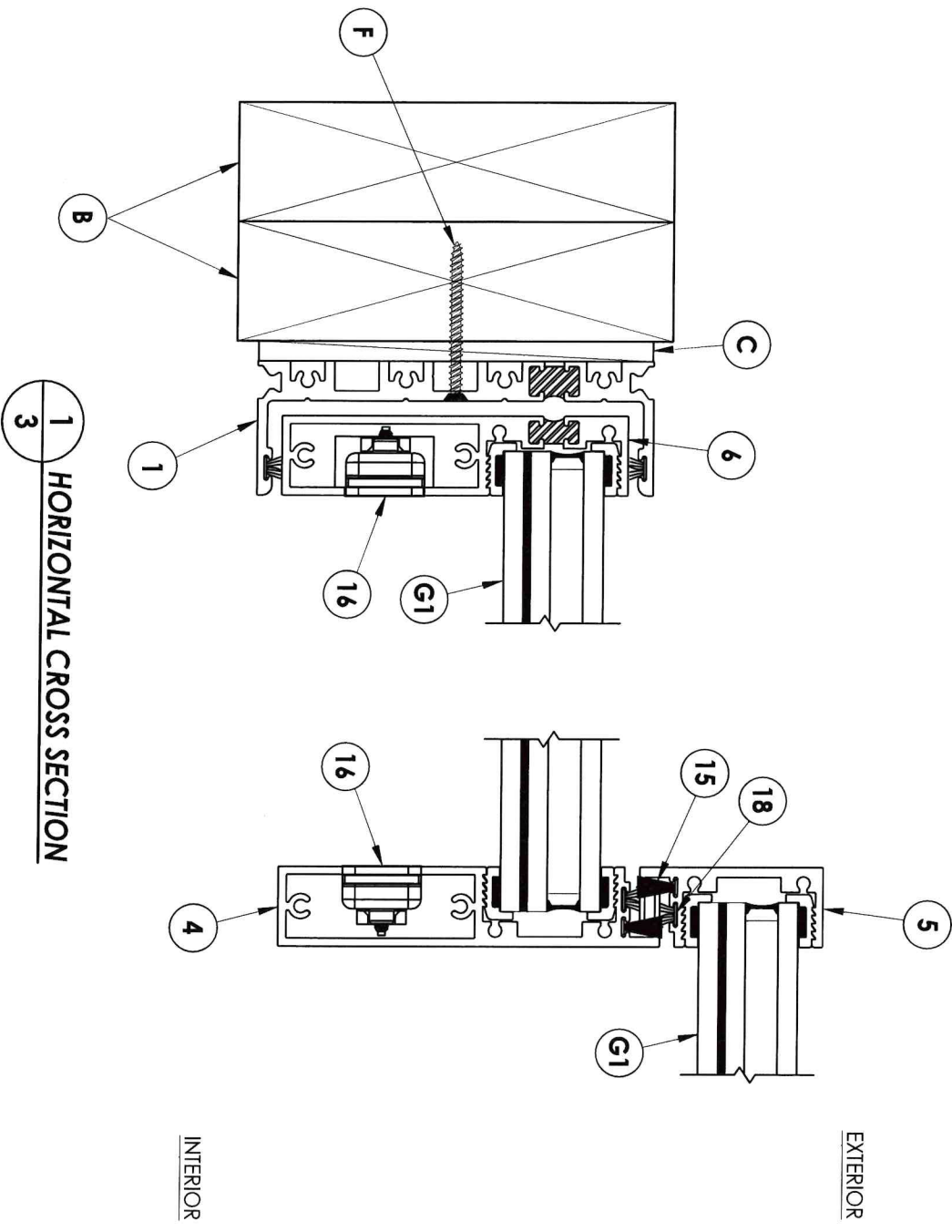
PRODUCT:  
**FLEETWOOD  
 EDGE SLIDING GLASS DOOR**

PART OR ASSEMBLY:  
**TEST ELEVATION**

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

**R<sup>7</sup>W** BUILDING  
 CONSULTANTS, INC.  
 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826  
 SHEET 2 OF 9



**1** HORIZONTAL CROSS SECTION  
**3**

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL# 01993776  
Date 4/06/2023 Verified by VKW

PRODUCT:  
FLEETWOOD  
EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

**RW** BUILDING CONSULTANTS, INC.  
813.659.9197

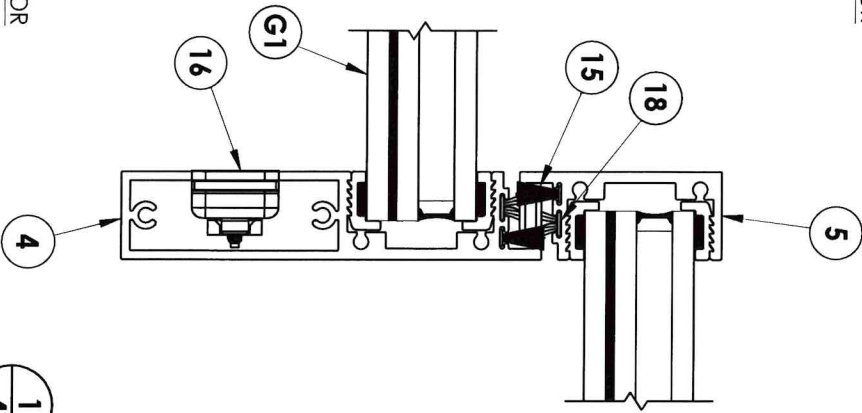
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SCALE: N.T.S.

DWG. BY: LFS  
CHK. BY: RW

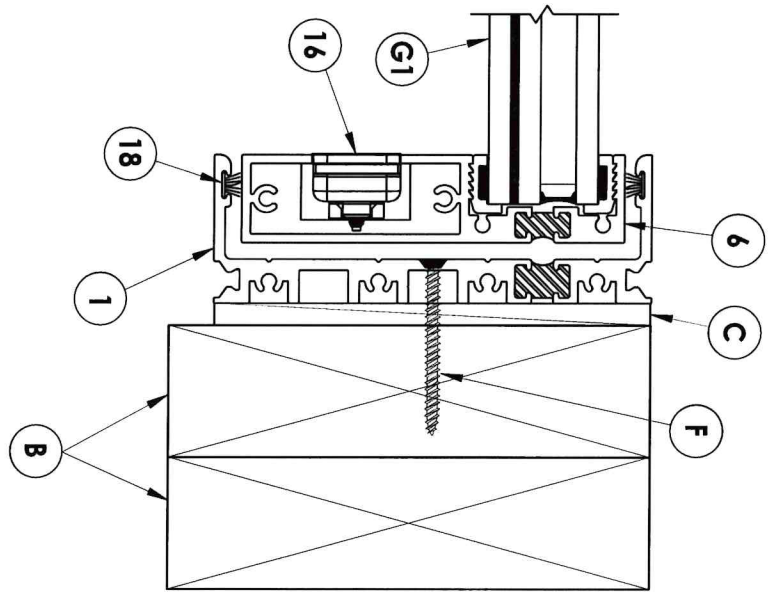
DRAWING NO.: L-9826

SHEET 3 OF 9

EXTERIOR



HORIZONTAL CROSS SECTION



INTERIOR

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

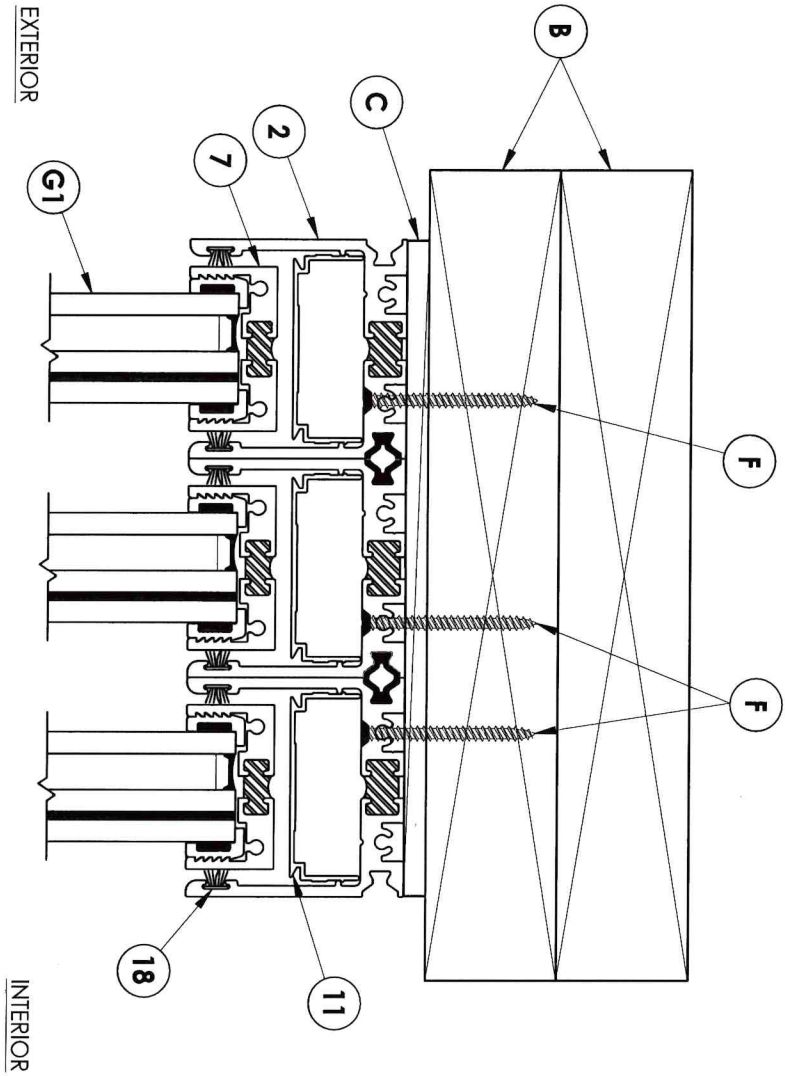
PRODUCT: FLEETWOOD  
 EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
 HORIZONTAL  
 CROSS SECTION

NO.	DATE	REVISIONS	LFS	BY
1	5/20/24	CORRECTED GLAZING	LFS	

**R<sup>GW</sup>** BUILDING  
 CONSULTANTS, INC.  
 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826  
 SHEET 4 OF 9



1  
5 VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

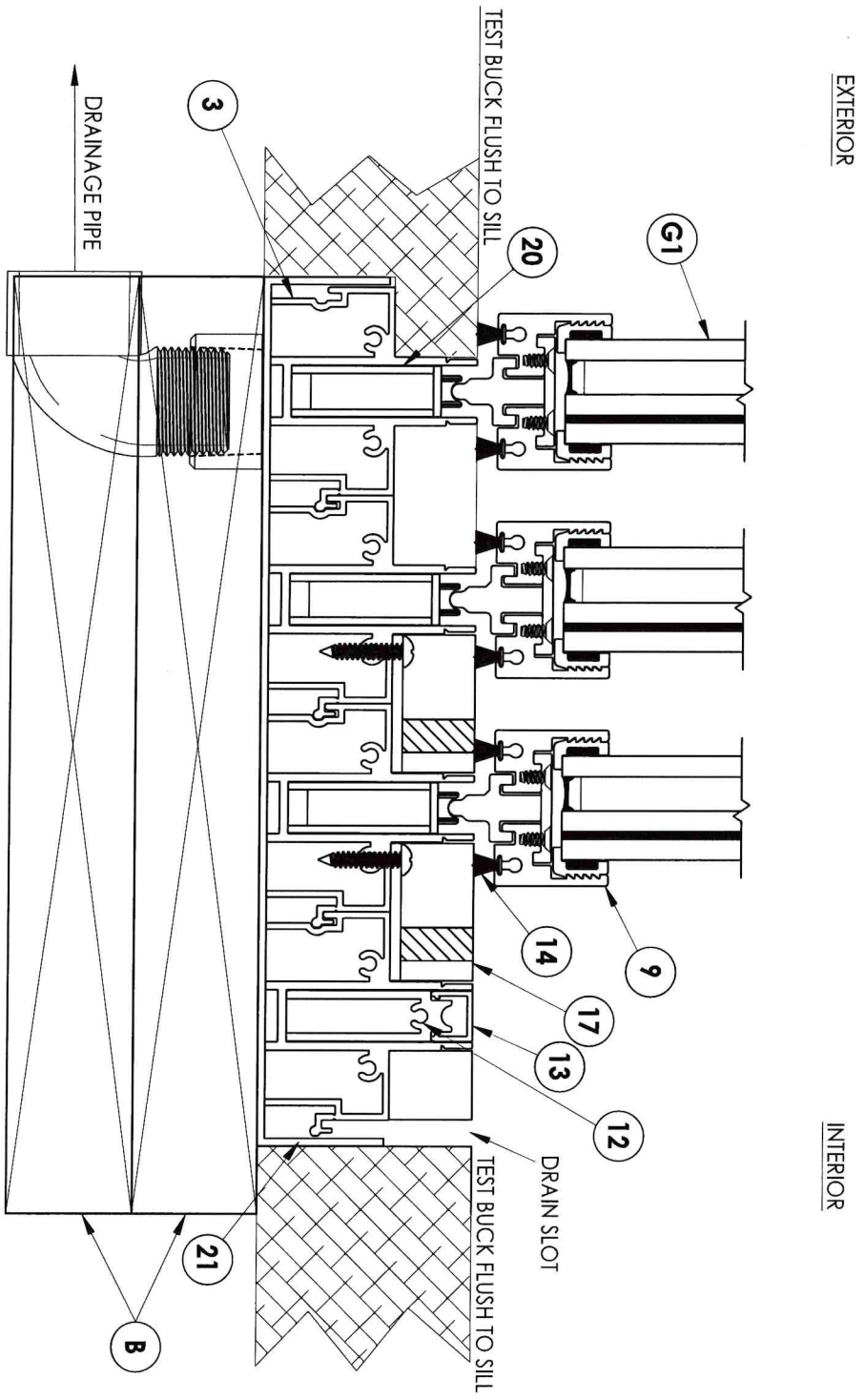
PRODUCT:  
 FLEETWOOD  
 EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
 VERTICAL  
 CROSS SECTION

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

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 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826  
 SHEET 5 OF 9



EXTERIOR

INTERIOR

1 VERTICAL CROSS SECTION  
6

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL# 01993776  
Date 4/06/2023 Verified by VKW

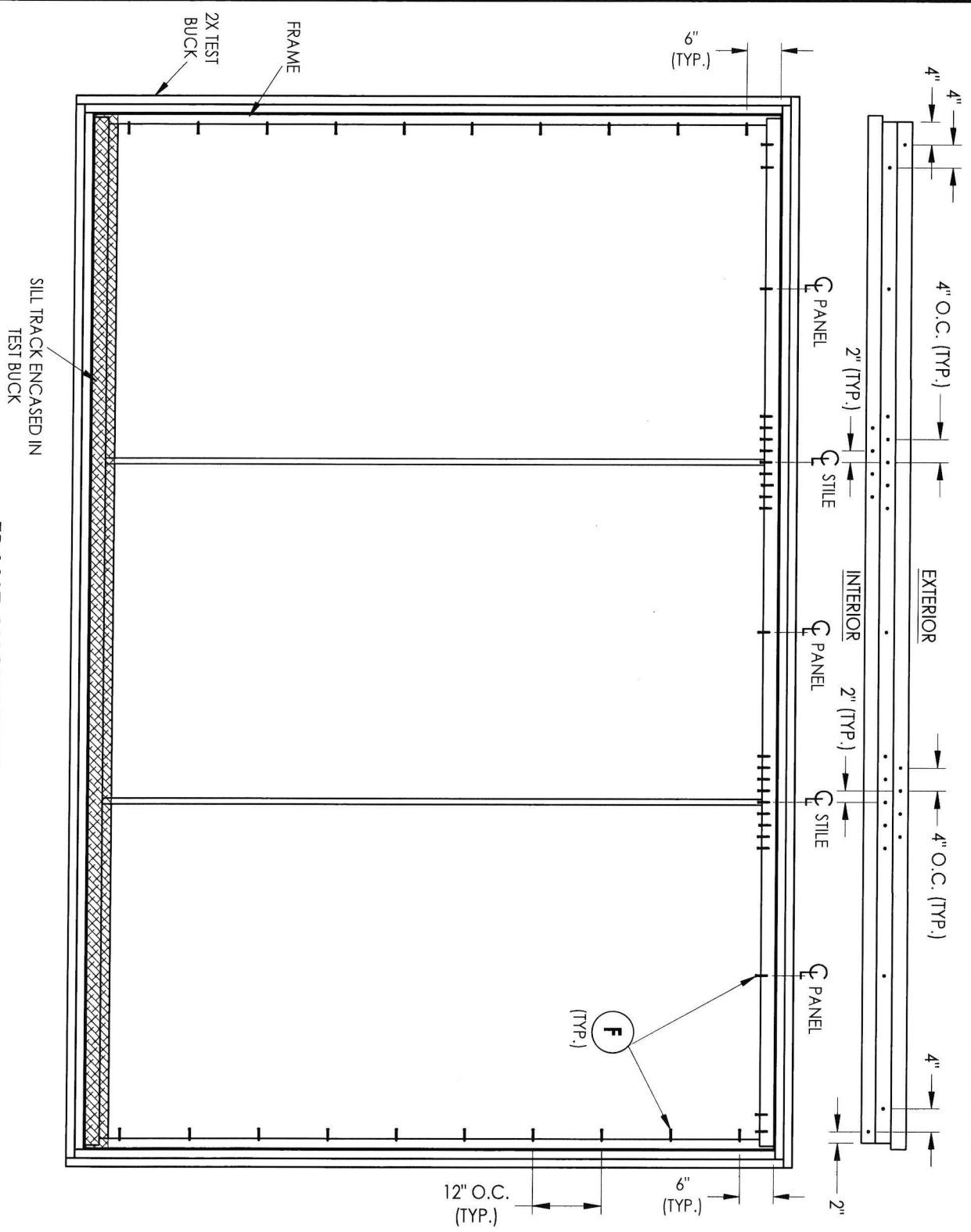
PRODUCT: FLEETWOOD  
EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
VERTICAL  
CROSS SECTION

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS


**RW** BUILDING  
CONSULTANTS, INC.  
813.659.9197

DATE: 4/04/23  
SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: L-9826  
SHEET 6 OF 9



Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

**FRAME ANCHORING**  
 2X TEST BUCK

DATE: 4/04/23		SCALE: N.T.S.		DWG. BY: LFS		CHK. BY: RW		DRAWING NO.: L-9826		SHEET 7 OF 9	
		PRODUCT: <b>FLEETWOOD          EDGE SLIDING GLASS DOOR</b>		PART OR ASSEMBLY: <b>FRAME ANCHORING</b>		REVISIONS		NO. 1 DATE 5/20/24 CORRECTED GLAZING LFS BY			

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by YKW

DRAINAGE PIPE  
 SILL PAN

10.25"  
 3 SILL TRACKS

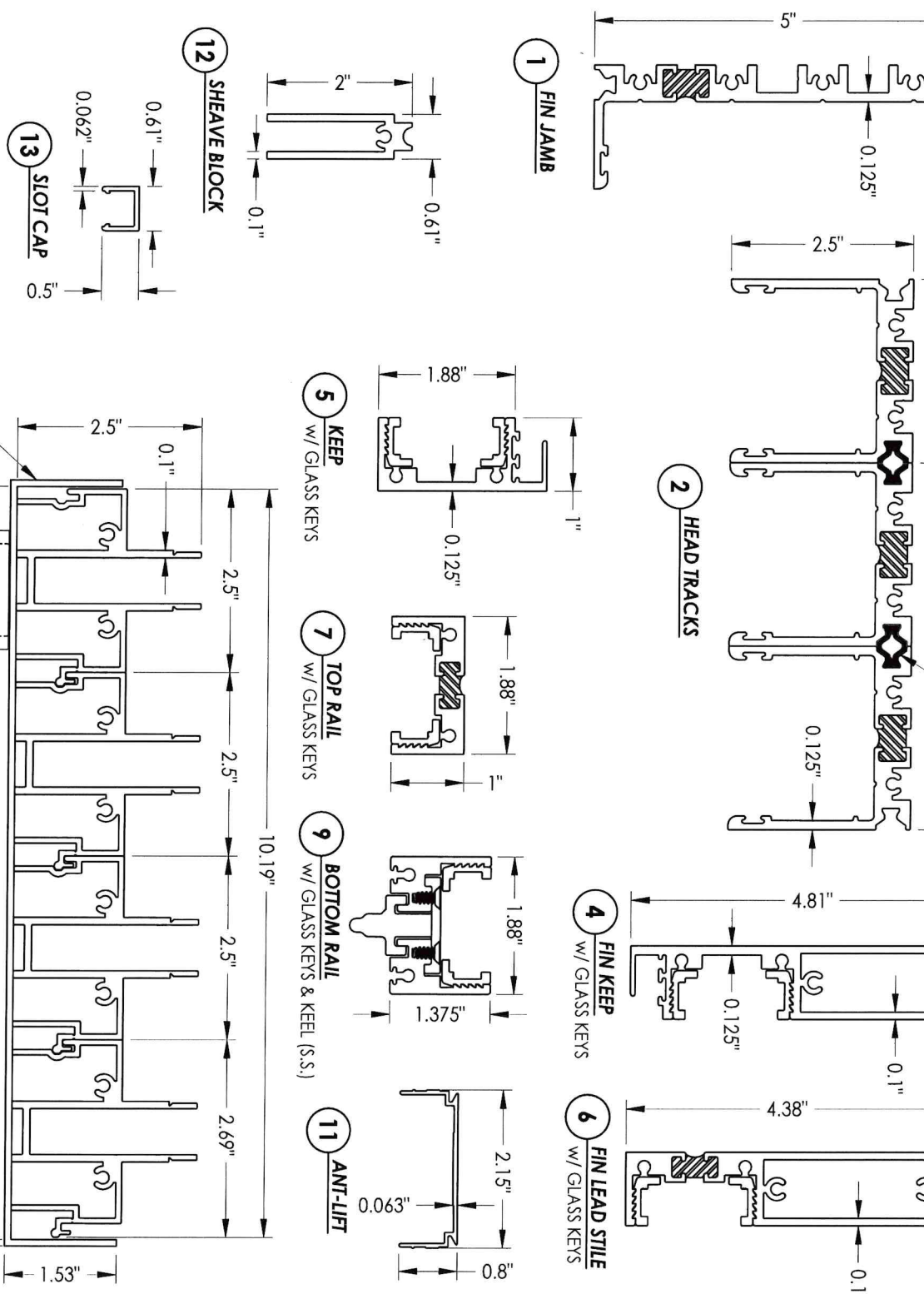
10.19"  
 9 BOTTOM RAIL  
 w/ GLASS KEYS & KEEL (S.S.)

7.5"  
 2 HEAD TRACKS

5"  
 1 FIN JAMB

12 SHEAVE BLOCK  
 13 SLOT CAP

11 ANTI-LIFT  
 9 BOTTOM RAIL  
 w/ GLASS KEYS & KEEL (S.S.)  
 7 TOP RAIL  
 w/ GLASS KEYS  
 5 KEEP  
 w/ GLASS KEYS



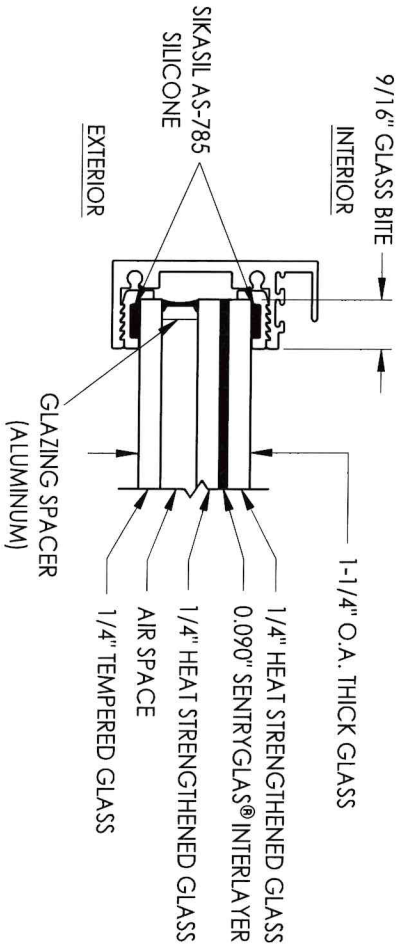
**R<sup>W</sup>** BUILDING CONSULTANTS, INC.  
 813.659.9197

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

PRODUCT:	FLEETWOOD EDGE SLIDING GLASS DOOR
PART OR ASSEMBLY:	COMPONENTS

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826  
 SHEET 8 OF 9

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X TEST BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2" FH WOOD SCREW	STEEL
1	FIN JAMB	6063-T6 ALUM
2	HEAD TRACKS	6063-T6 ALUM
3	SILL TRACKS	6063-T6 ALUM
4	FIN KEEP	6063-T6 ALUM
5	KEEP	6063-T6 ALUM
6	FIN LEAD STILE	6063-T6 ALUM
7	TOP RAIL	6063-T6 ALUM
9	BOTTOM RAIL	6063-T6 ALUM
11	ANTI-LIFT	6063-T6 ALUM
12	SHEAVE BLOCK	6063-T6 ALUM
13	SLOT CAP	6063-T6 ALUM
14	MOHAIR WEATHERSTRIP	-
15	MOHAIR WEATHERSTRIP	-
16	BLADE LOCKING HARDWARE	-
17	BLADE CASE	-
18	MOHAIR WEATHERSTRIP	-
20	A4E SHEAVE	-
21	SILL PAN	5052 -ALUM



**G1** GLAZING DETAIL

PRODUCT: FLEETWOOD  
EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
BILL OF MATERIALS, COMPONENTS  
& GLAZING DETAILS

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

**RWB** BUILDING CONSULTANTS, INC.  
813.659.9197

DATE: 4/04/23

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: L-9826

SHEET 9 OF 9

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL# 01993776  
Date 4/06/2023 Verified by VKW

**TABLE OF CONTENTS**

SHEET #	DESCRIPTION
1	Table of Contents
2	Test Elevation
3	Horizontal Cross Section
4	Horizontal Cross Section
5	Vertical Cross Section
6	Vertical Cross Section
7	Frame Anchoring
8	Components
9	Bill of Materials & Glazing Detail

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

PRODUCT: FLEETWOOD  
 EDGE SLIDING GLASS DOOR  
 SPEC #2

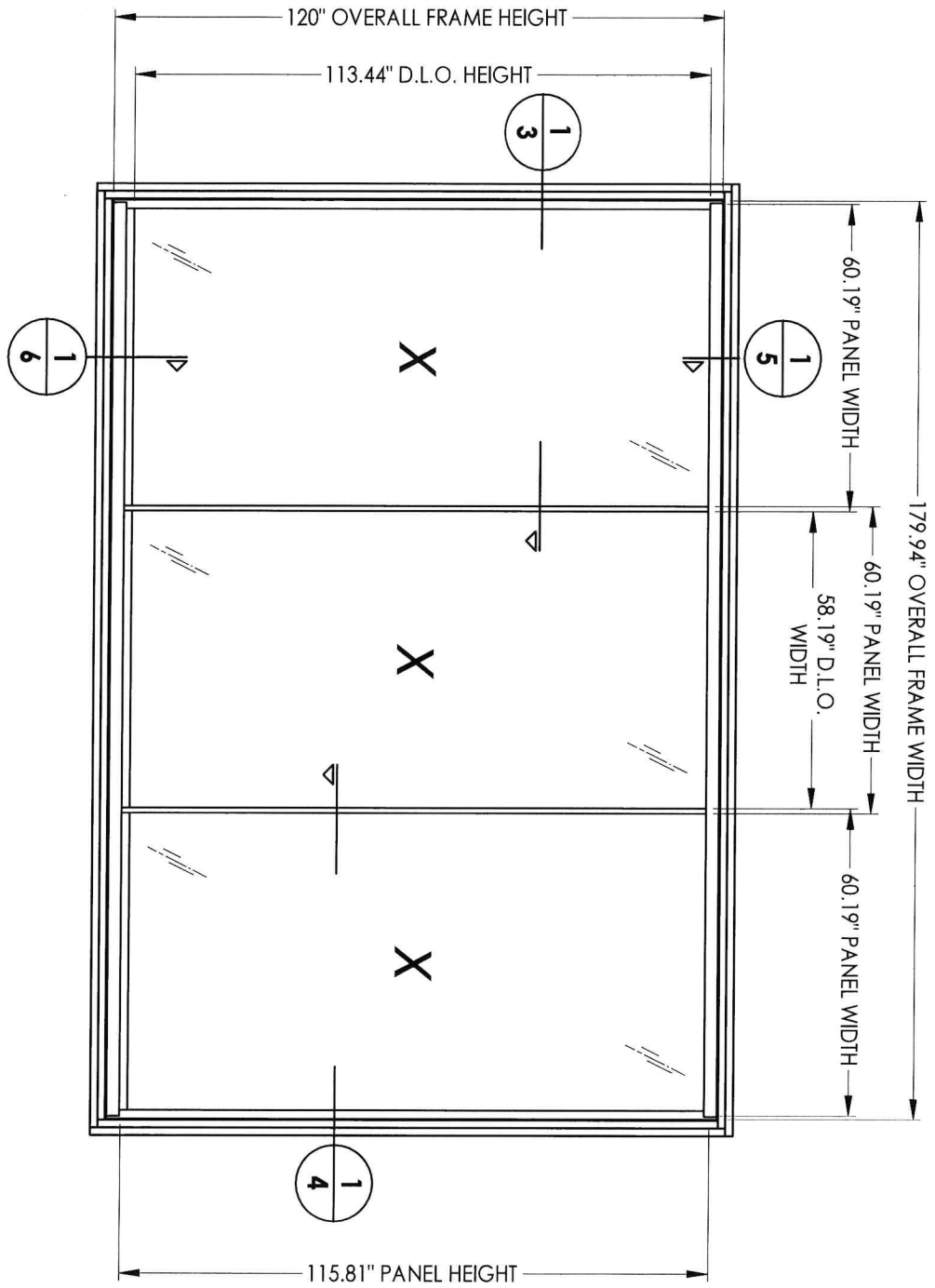
PART OR ASSEMBLY:  
 TABLE OF CONTENTS

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS



**R.W.** BUILDING  
 CONSULTANTS, INC.  
 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-98260  
 SHEET 1 OF 9



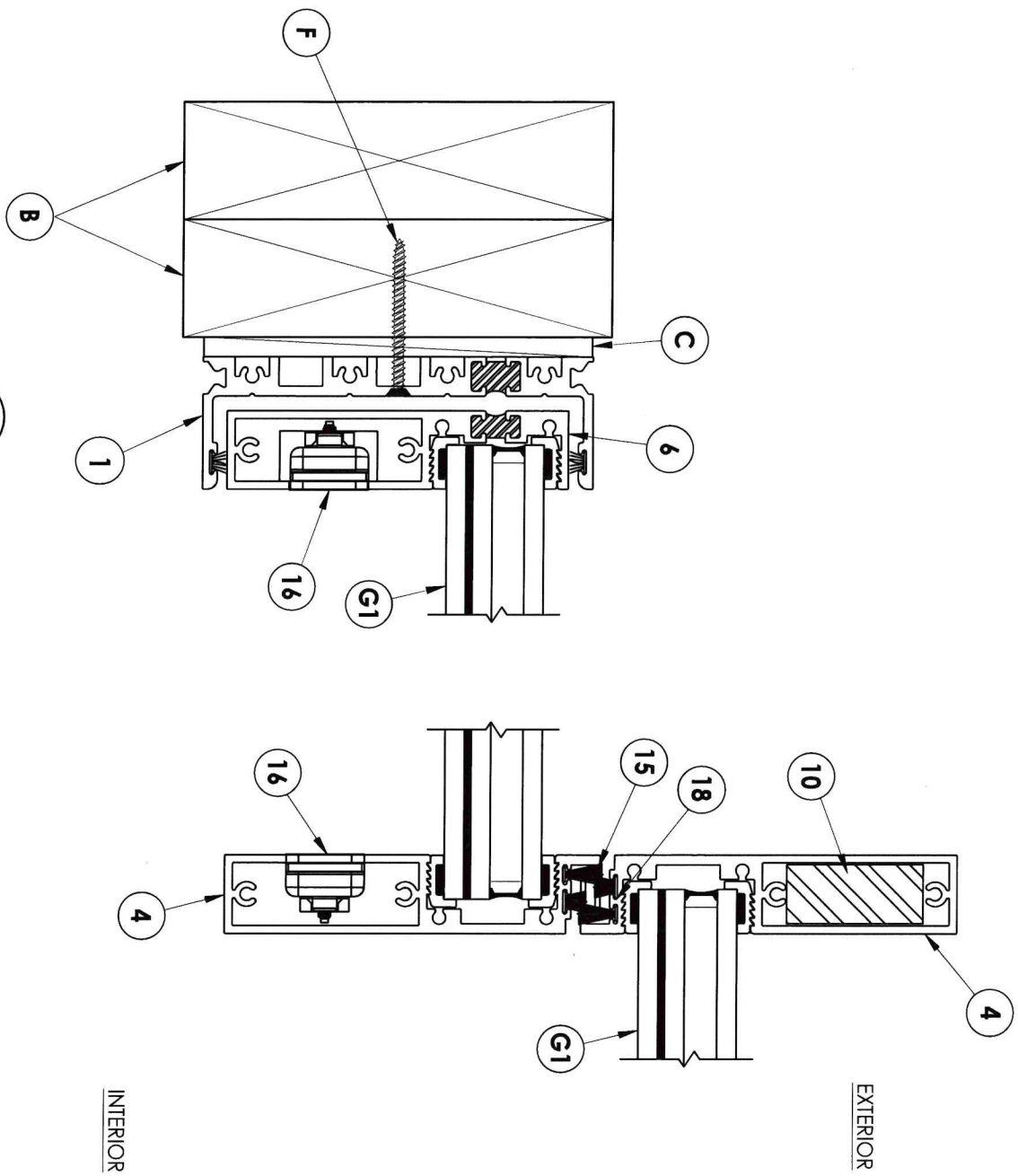
Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by WKW

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826a  
 SHEET 2 OF 9

**RW BUILDING CONSULTANTS, INC.**  
 813.659.9197

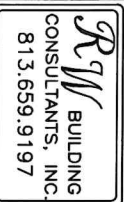
REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	5/20/24	CORRECTED GLAZING	LFS

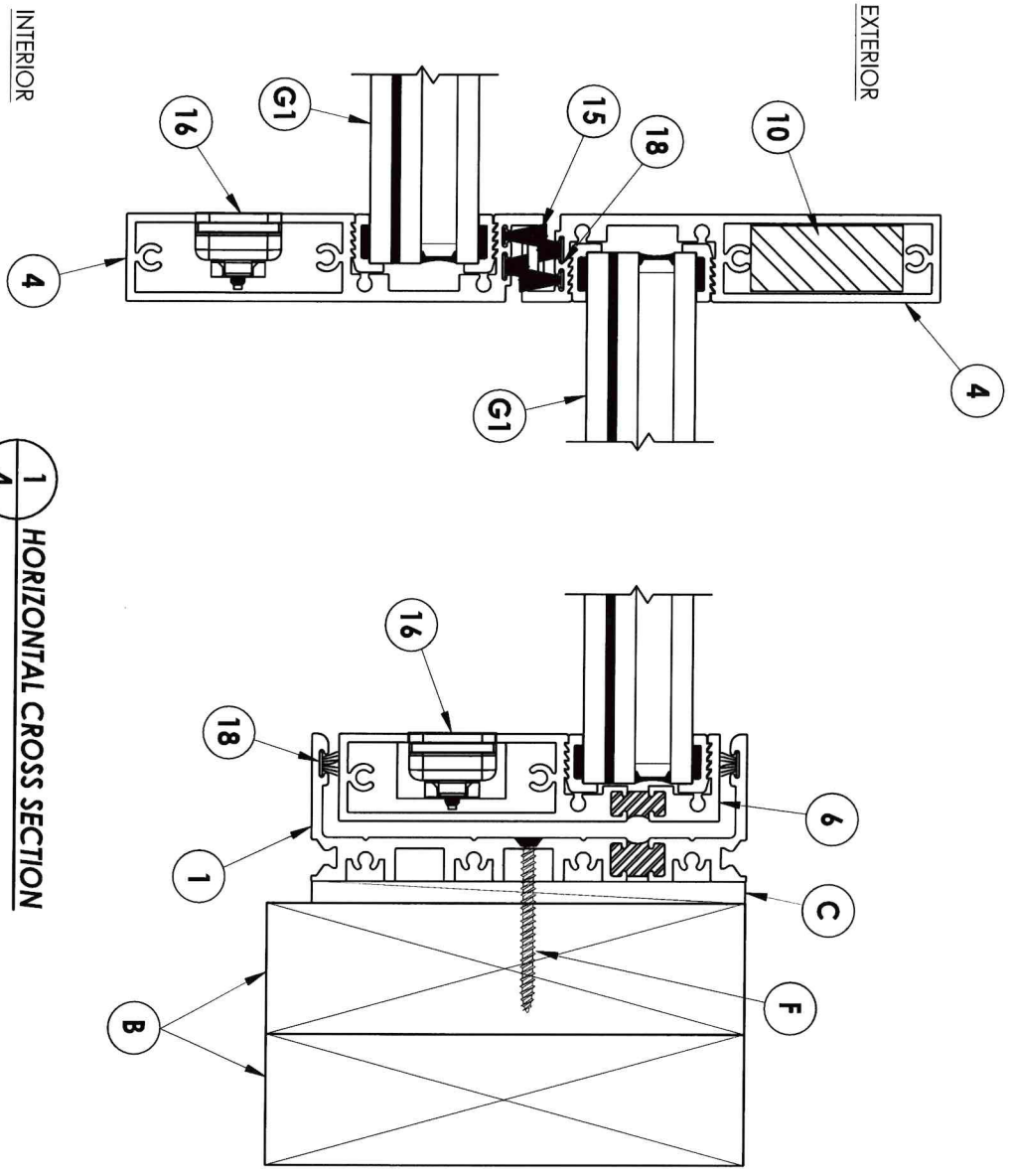
PRODUCT:	FLEETWOOD EDGE SLIDING GLASS DOOR
PART OR ASSEMBLY:	TEST ELEVATION



1 HORIZONTAL CROSS SECTION  
3

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

 DATE: 4/04/23 SCALE: N.T.S. DWG. BY: LFS CHK. BY: RW DRAWING NO.: L-9826a SHEET 3 OF 9				PRODUCT: FLEETWOOD EDGE SLIDING GLASS DOOR	
REVISIONS				PART OR ASSEMBLY: HORIZONTAL CROSS SECTION	
1	5/20/24	CORRECTED GLAZING	LFS		
NO.	DATE		BY		



1  
4  
HORIZONTAL CROSS SECTION

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

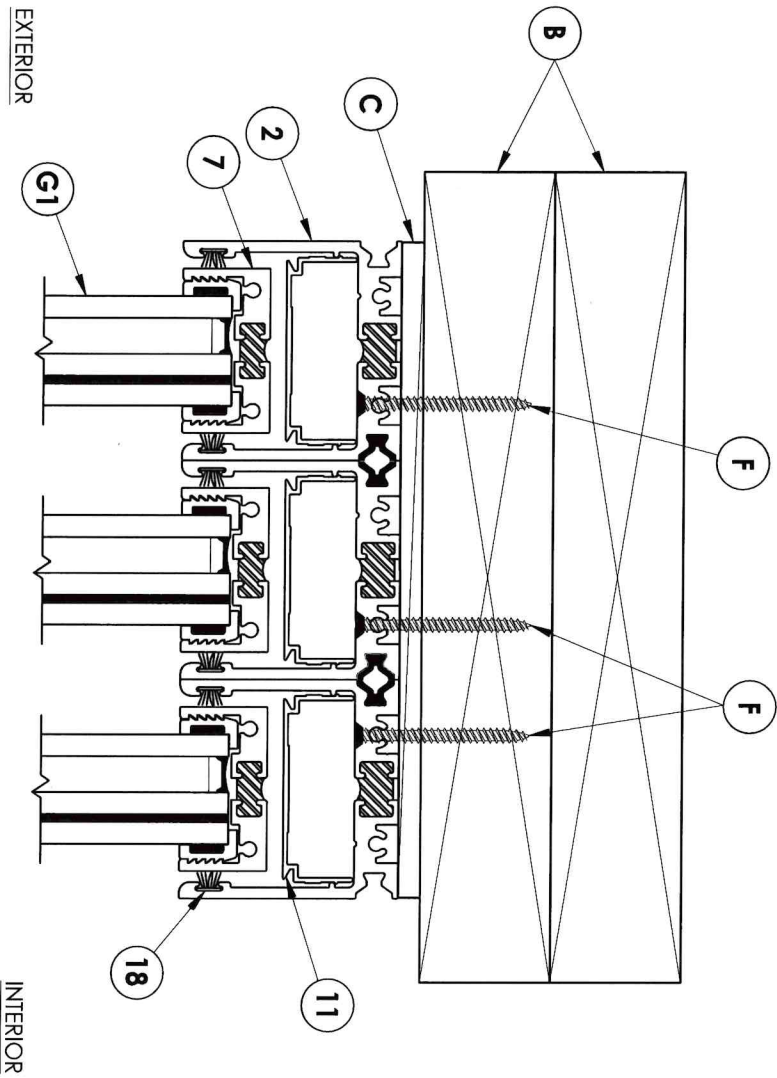
PRODUCT: FLEETWOOD  
 EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
 HORIZONTAL  
 CROSS SECTION

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

**R<sup>W</sup>** BUILDING  
 CONSULTANTS, INC.  
 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-98260  
 SHEET 4 OF 9



1 VERTICAL CROSS SECTION  
5

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

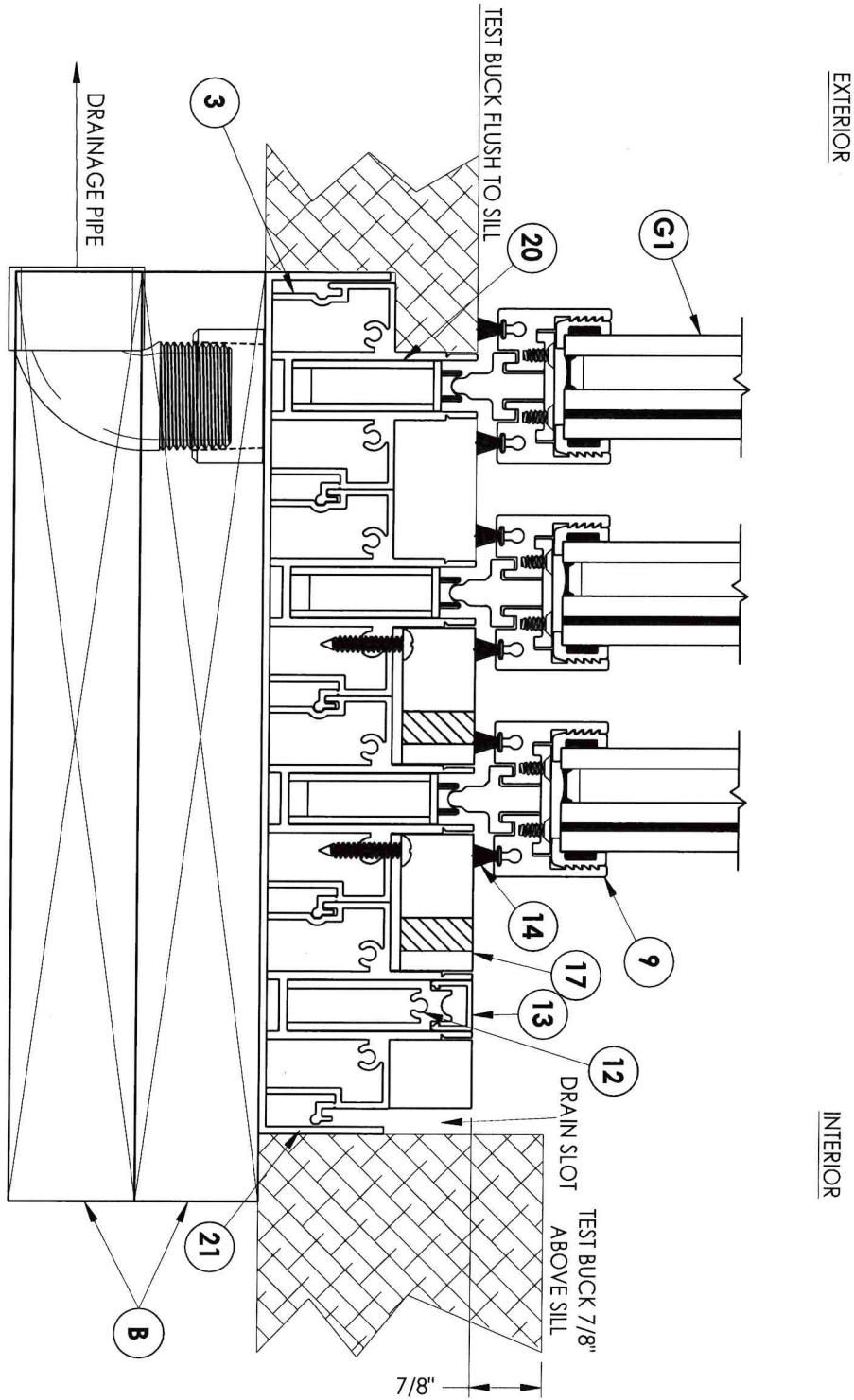
PRODUCT: FLEETWOOD  
 EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
 VERTICAL  
 CROSS SECTION

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

**R<sup>W</sup>** BUILDING  
 CONSULTANTS, INC.  
 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-98260  
 SHEET 5 OF 9



EXTERIOR

INTERIOR

1  
6 VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

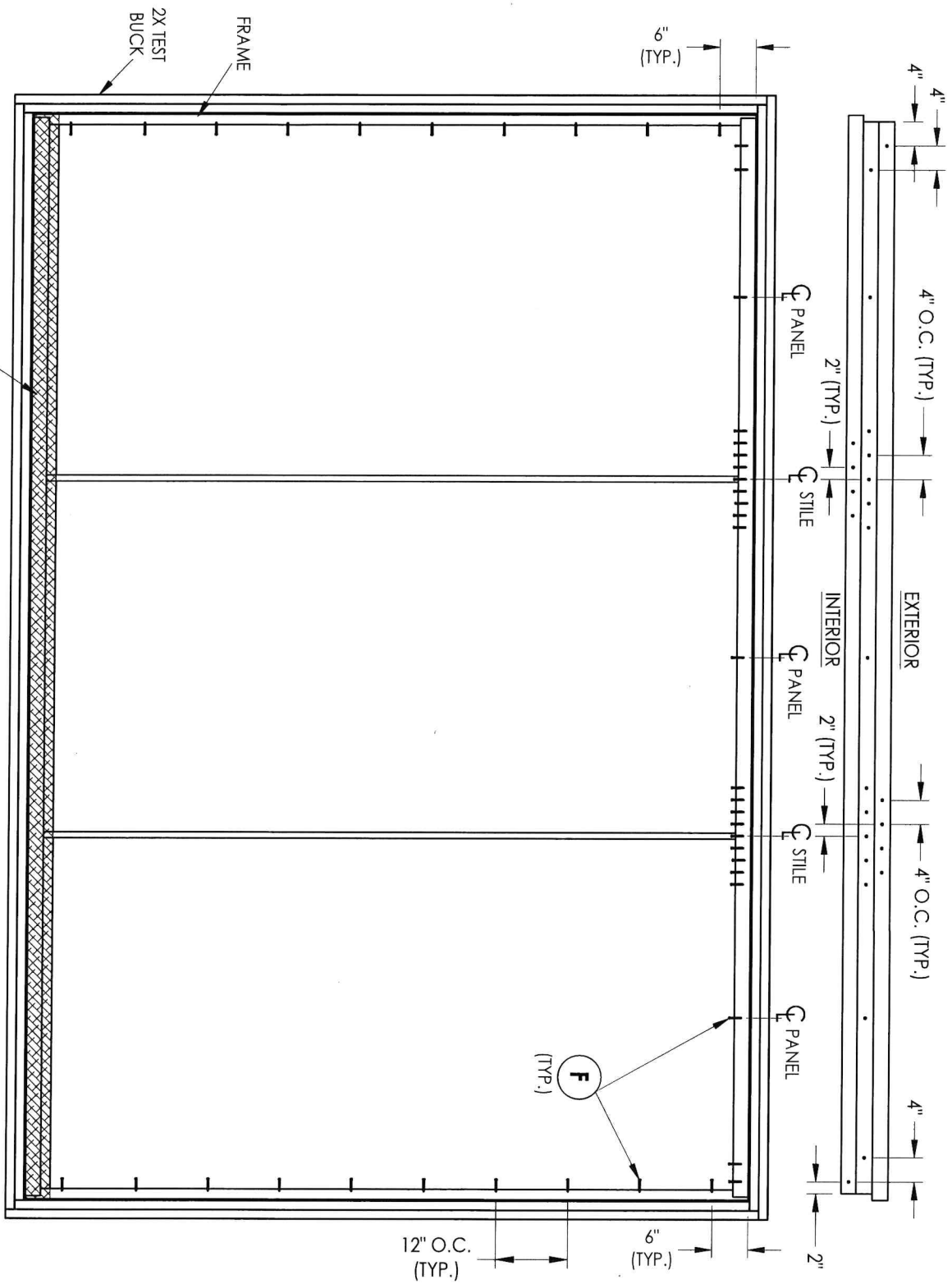
PRODUCT:  
 FLEETWOOD  
 EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
 VERTICAL  
 CROSS SECTION

NO.	DATE	REVISIONS	LFS	BY
1	5/20/24	CORRECTED GLAZING	LFS	


**R<sup>W</sup>** BUILDING CONSULTANTS, INC.  
 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826d  
 SHEET 6 OF 9

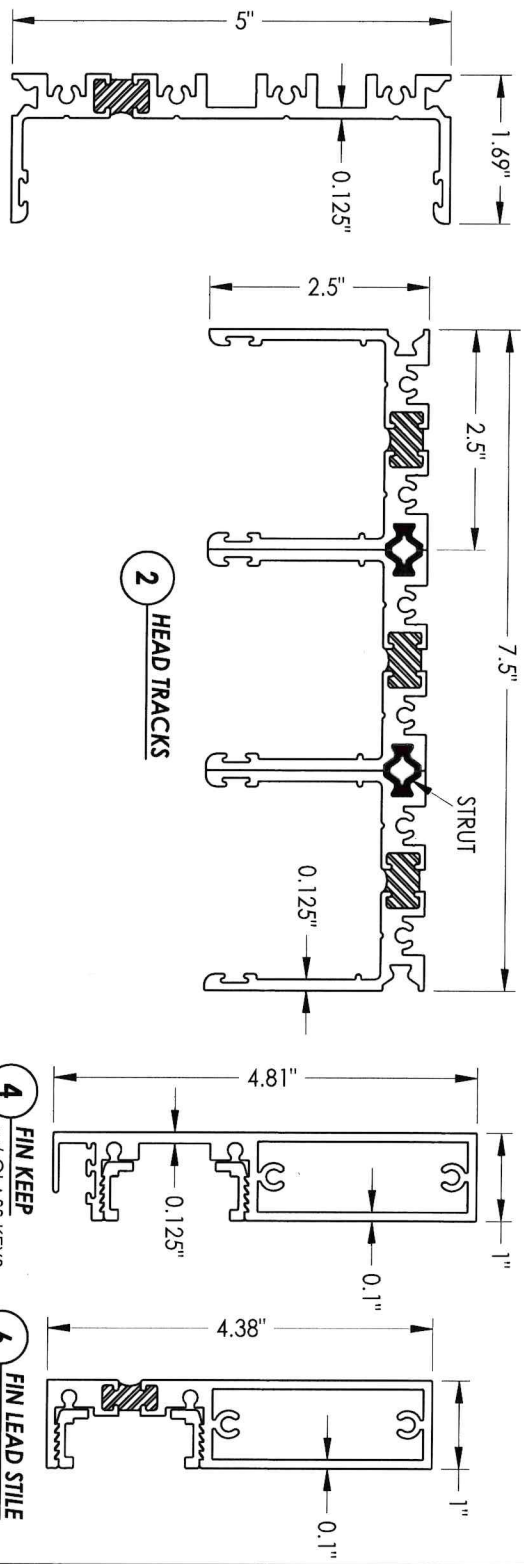


Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993776  
 Date 4/06/2023 Verified by VKW

**FRAME ANCHORING**  
 2X TEST BUCK

DATE: 4/04/23		SCALE: N.T.S.		DWG. BY: LFS		CHK. BY: RW		DRAWING NO.: L-98260		SHEET 7 OF 9	
		1 5/20/24 CORRECTED GLAZING LFS NO. DATE BY		REVISIONS							

PRODUCT: FLEETWOOD EDGE SLIDING GLASS DOOR
PART OR ASSEMBLY: FRAME ANCHORING

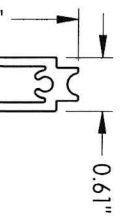


1 FIN JAMB

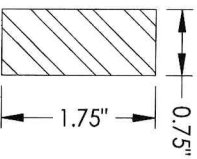
2 HEAD TRACKS

4 FIN KEEP w/ GLASS KEYS

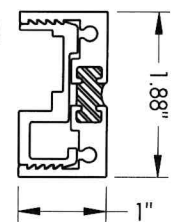
6 FIN LEAD STYLE w/ GLASS KEYS



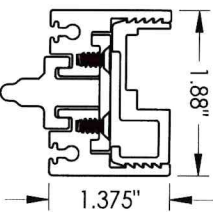
12 SHEAVE BLOCK



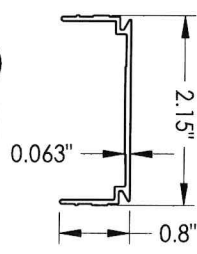
10 REINFORCEMENT



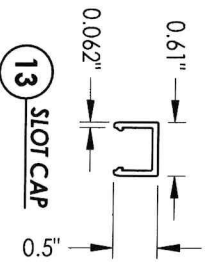
7 TOP RAIL w/ GLASS KEY



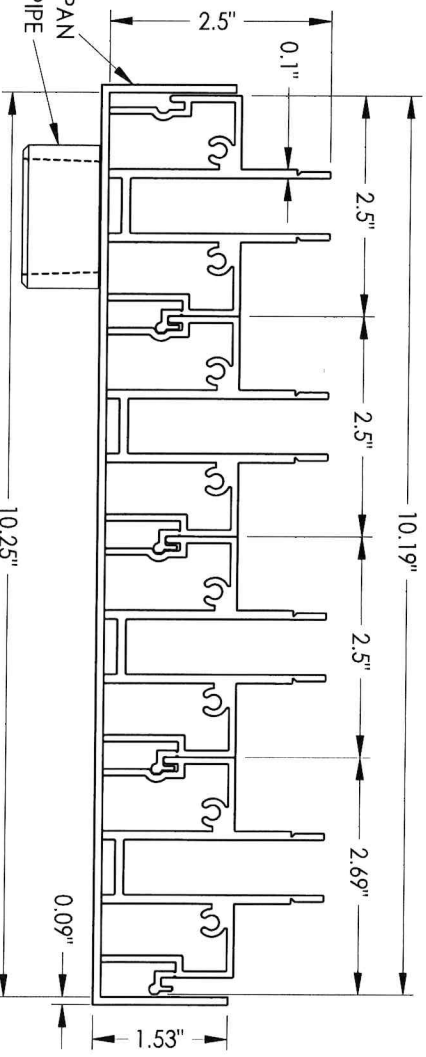
9 BOTTOM RAIL w/ GLASS KEY & KEEL (S.S.)



11 ANT-LIFT



13 SLOT CAP



3 SILL TRACKS

PRODUCT: FLEETWOOD  
EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
COMPONENTS

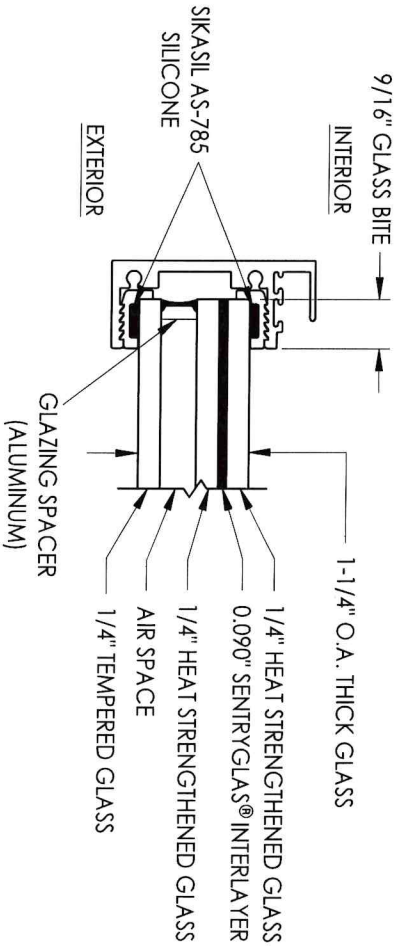
NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

**RW BUILDING CONSULTANTS, INC.**  
813.659.9197

DATE: 4/04/23  
SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: L-9826d  
SHEET 8 OF 9

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL# 01993776  
Date 4/06/2023 Verified by VKW

BILL OF MATERIALS		MATERIAL
ITEM #	DESCRIPTION	
B	2X TEST BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2" FH WOOD SCREW	STEEL
1	FIN JAMB	6063-T6 ALUM
2	HEAD TRACKS	6063-T6 ALUM
3	SILL TRACKS	6063-T6 ALUM
4	FIN KEEP	6063-T6 ALUM
6	FIN LEAD STILE	6063-T6 ALUM
7	TOP RAIL	6063-T6 ALUM
9	BOTTOM RAIL	6063-T6 ALUM
10	REINFORCEMENT	6063-T6 ALUM
11	ANTI-LIFT	6063-T6 ALUM
12	SHEAVE BLOCK	6063-T6 ALUM
13	SLOT CAP	6063-T6 ALUM
14	MOHAIR WEATHERSTRIP	-
15	MOHAIR WEATHERSTRIP	-
16	BLADE LOCKING HARDWARE	-
17	BLADE CASE	-
18	MOHAIR WEATHERSTRIP	-
20	A4-E SHEAVE	-
21	SILL PAN	5052-ALUM



**G1** GLAZING DETAIL

PRODUCT:		FLEETWOOD EDGE SLIDING GLASS DOOR	
PART OR ASSEMBLY:		BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS	

NO.	DATE	REVISIONS	BY
1	5/20/24	CORRECTED GLAZING	LFS

**RW BUILDING CONSULTANTS, INC.**  
813.659.9197

DATE: 4/04/23  
SCALE: N.T.S.  
DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: L-98260  
SHEET 9 OF 9

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL# 01993776  
Date 4/06/2023 Verified by VKW

**TABLE OF CONTENTS**

SHEET #	DESCRIPTION
1	Table of Contents
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3	Horizontal Cross Section
4	Horizontal Cross Section
5	Vertical Cross Section
6	Vertical Cross Section
7	Frame Anchoring
8	Components
9	Bill of Materials & Glazing Detail

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993775  
 Date 4/06/2023 Verified by VKW

PRODUCT: FLEETWOOD  
 EDGE SLIDING GLASS DOOR  
 SPEC #3

PART OR ASSEMBLY:  
 TABLE OF CONTENTS

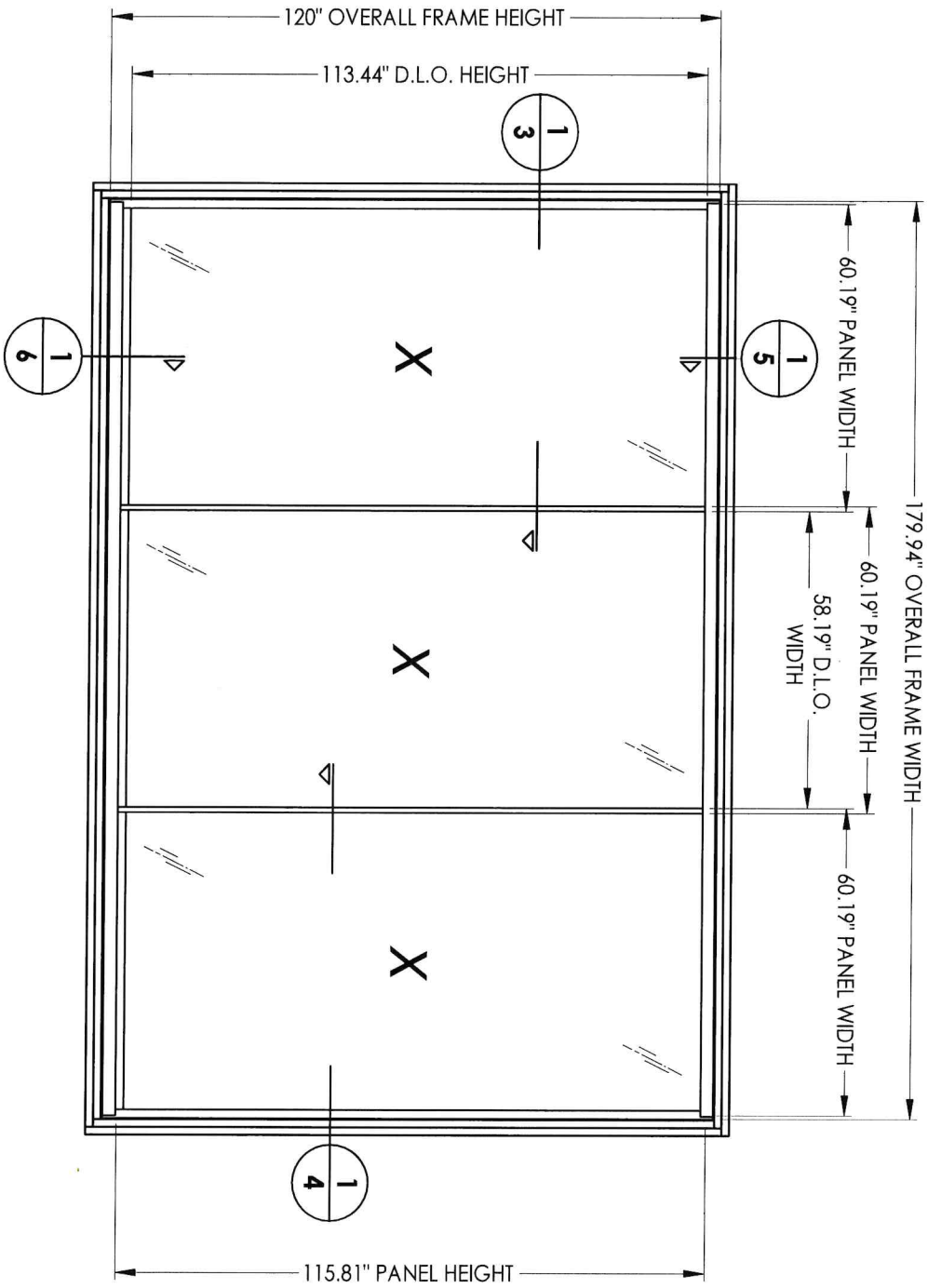
NO.	DATE	BY

REVISIONS



**R.W.** BUILDING  
 CONSULTANTS, INC.  
 813.659.9197

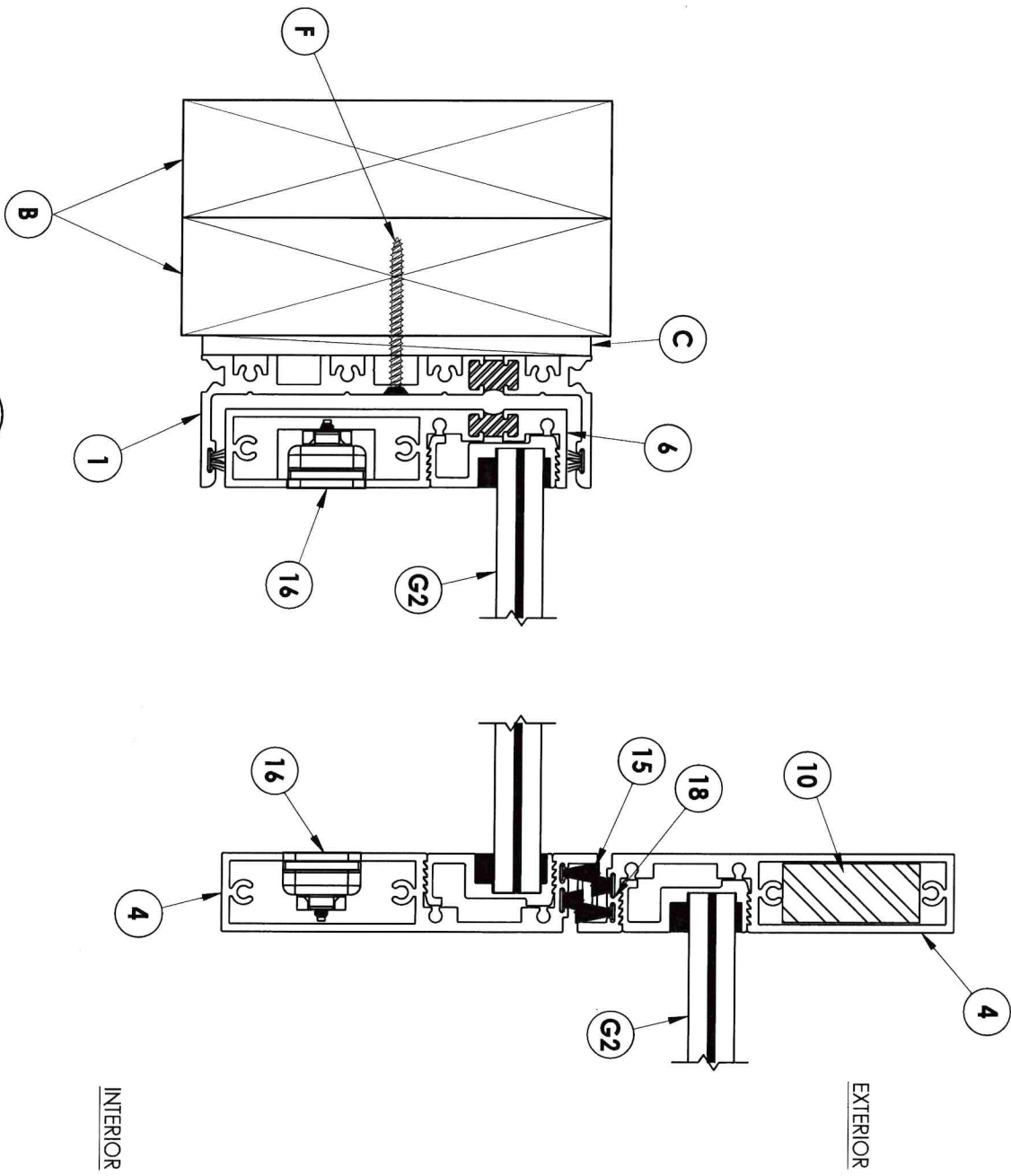
DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-98266  
 SHEET 1 OF 9



Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993775  
 Date 4/06/2023 Verified by MKW

DATE: 4/04/23		PRODUCT: FLEETWOOD EDGE SLIDING GLASS DOOR	
SCALE: N.T.S.		PART OR ASSEMBLY: TEST ELEVATION	
DWG. BY: LFS		BY	
CHK. BY: RW		NO.	
DRAWING NO.: L-9826B		DATE	
SHEET 2 OF 9		REVISIONS	

**RW** BUILDING CONSULTANTS, INC.  
 813.659.9197



**1 HORIZONTAL CROSS SECTION**  
**3**

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993775  
 Date 4/06/2023 Verified by VKW

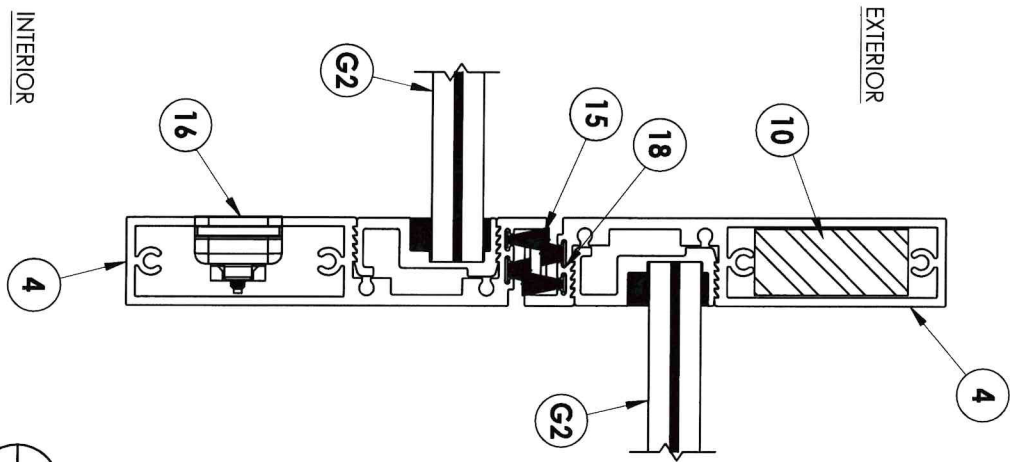
PRODUCT:  
 FLEETWOOD  
 EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
 HORIZONTAL CROSS SECTION

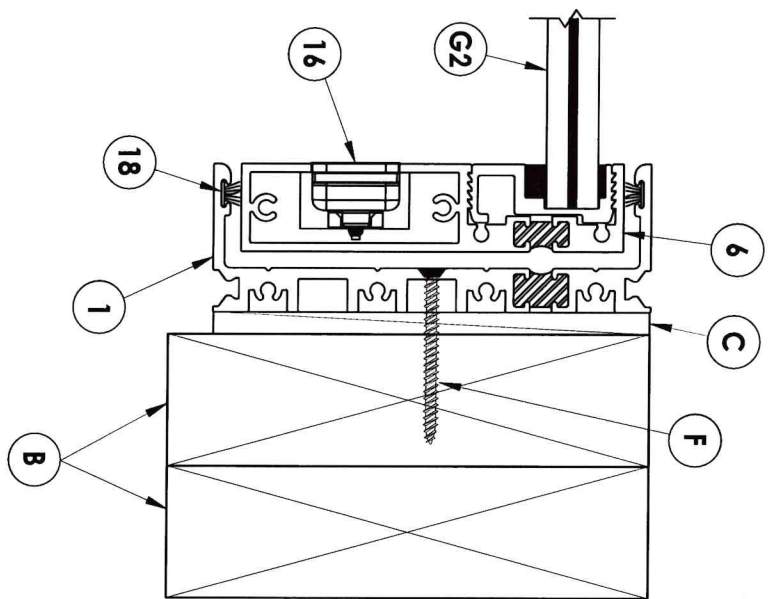
NO.	DATE	BY	REVISIONS

**RW** BUILDING CONSULTANTS, INC.  
 813.659.9197

DATE: 4/04/23  
 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826b  
 SHEET 3 OF 9

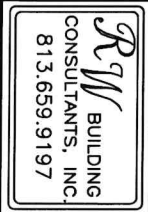


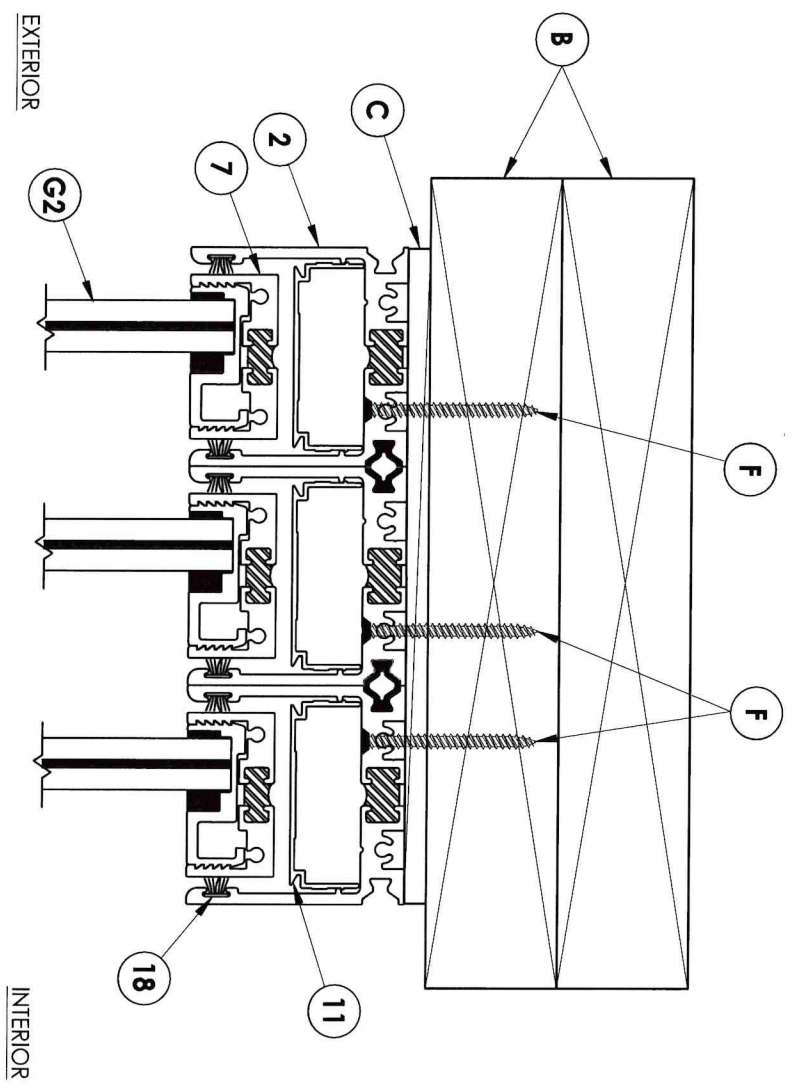
1  
4  
**HORIZONTAL CROSS SECTION**



Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993775  
 Date 4/06/2023 Verified by VKW

DATE: 4/04/23		PRODUCT: FLEETWOOD EDGE SLIDING GLASS DOOR	
SCALE: N.T.S.		PART OR ASSEMBLY: HORIZONTAL CROSS SECTION	
DWG. BY: LFS		BY	
CHK. BY: RW		NO.	
DRAWING NO.: L-9826b		DATE	
SHEET 4 OF 9		REVISIONS	





1 VERTICAL CROSS SECTION  
5

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993775  
 Date 4/06/2023 Verified by VKW

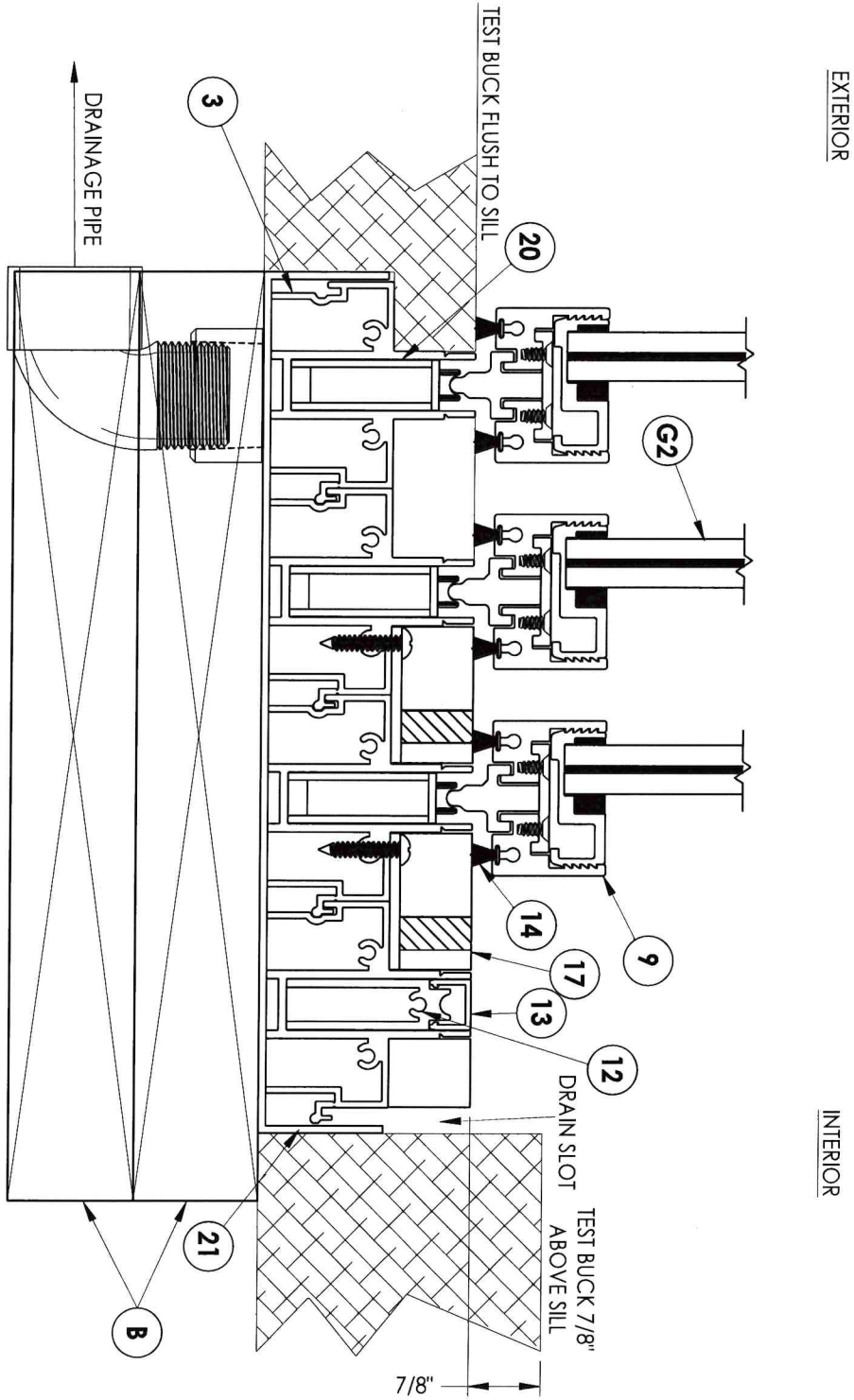
PRODUCT: FLEETWOOD  
 EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
 VERTICAL  
 CROSS SECTION

NO.	DATE	REVISIONS	BY


**RW** BUILDING  
 CONSULTANTS, INC.  
 813.659.9197

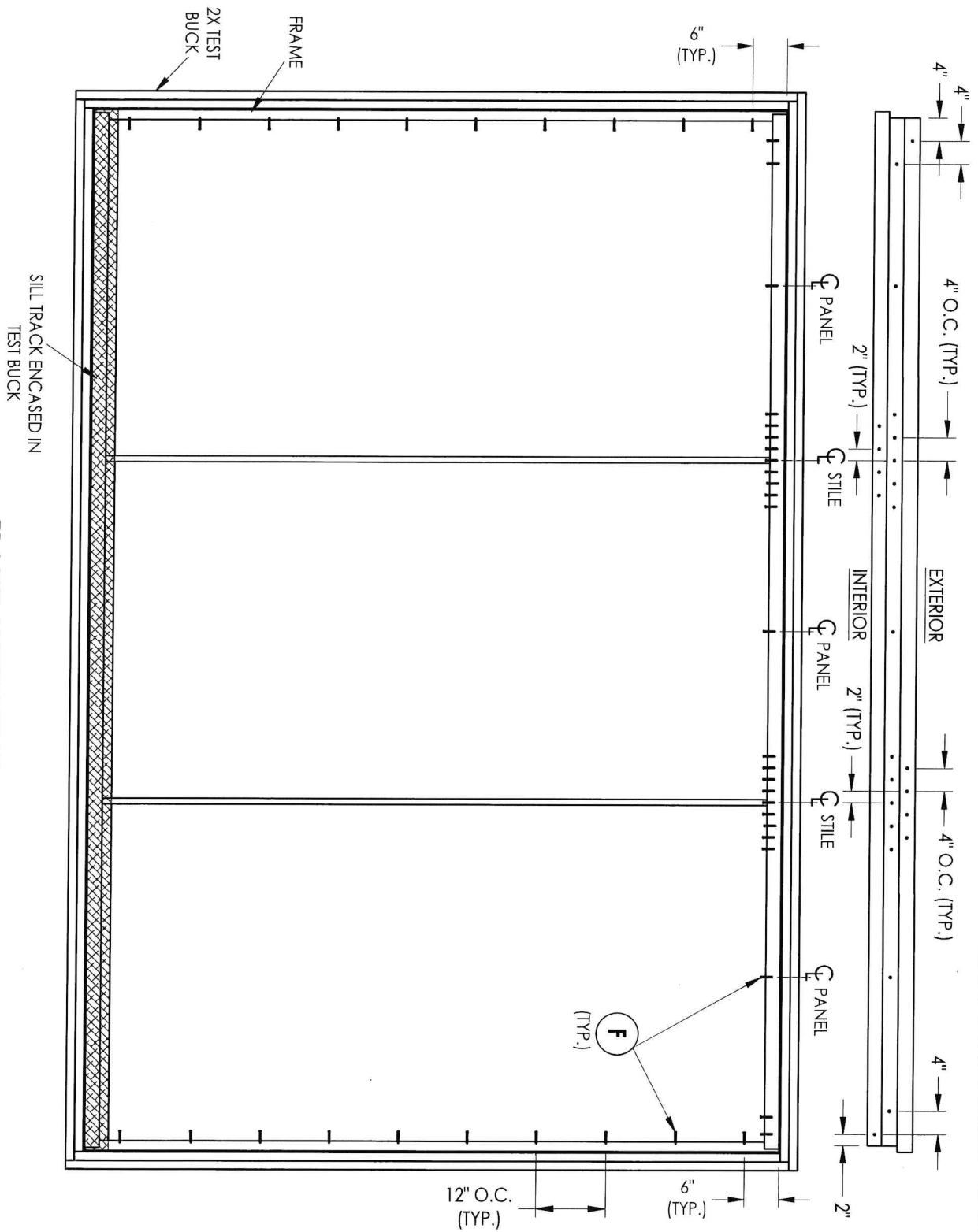
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 SCALE: N.T.S.  
 DWG. BY: LFS  
 CHK. BY: RW  
 DRAWING NO.: L-9826b  
 SHEET 5 OF 9



1  
6 VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993775  
 Date 4/06/2023 Verified by VKW

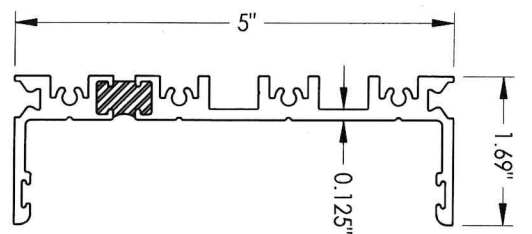
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SCALE: N.T.S.		PART OR ASSEMBLY: VERTICAL CROSS SECTION	
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: L-9826b			
SHEET 6 OF 9			
 R.W. BUILDING CONSULTANTS, INC. 813.659.9197		NO.    DATE    BY REVISIONS	



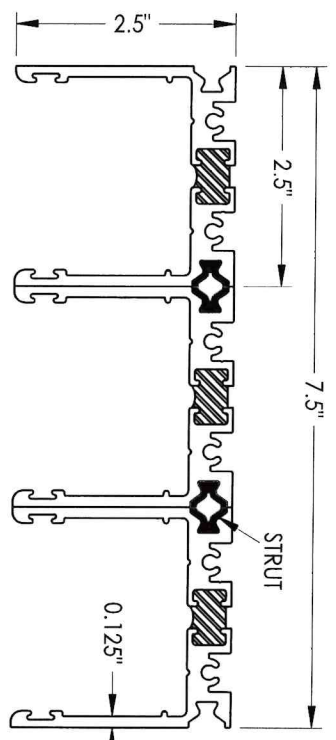
Testing Evaluation Laboratories Inc.  
 Specimen Complies with Drawing  
 Deviations Noted - TEL# 01993775  
 Date 4/06/2023 Verified by VKW

**FRAME ANCHORING**  
 2X TEST BUCK

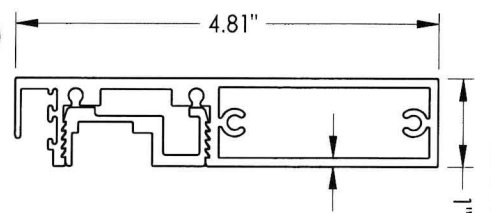
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SCALE: N.T.S.		PART OR ASSEMBLY: FRAME ANCHORING	
DWG. BY: LFS		NO. DATE REVISIONS BY	
CHK. BY: RW			
DRAWING NO.: L-98266			
SHEET 7 OF 9			



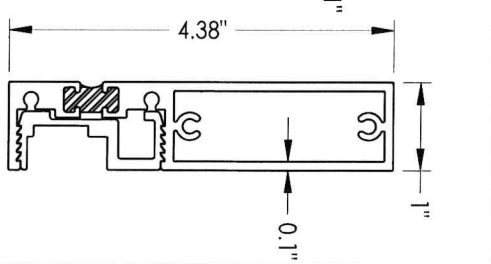
**1** FIN JAMB



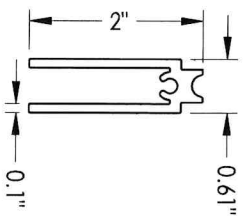
**2** HEAD TRACKS



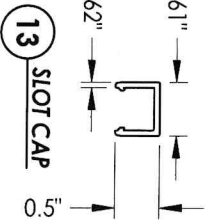
**4** FIN KEEP  
w/ GLASS KEYS



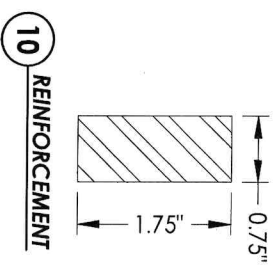
**6** FIN LEAD STILE  
w/ GLASS KEYS



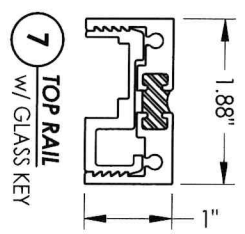
**12** SHEAVE BLOCK



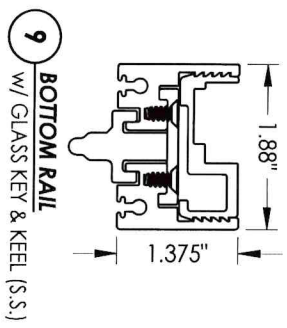
**13** SLOT CAP



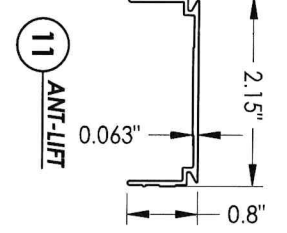
**10** REINFORCEMENT



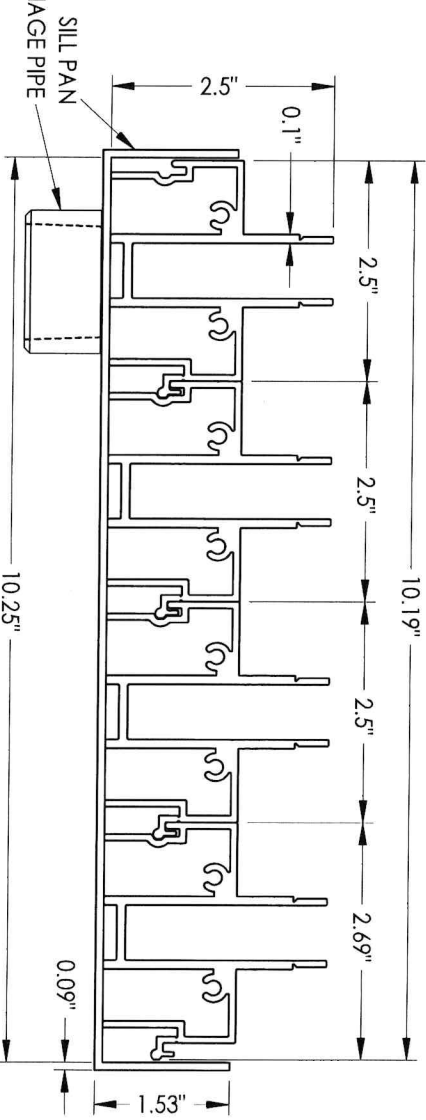
**7** TOP RAIL  
w/ GLASS KEY



**9** BOTTOM RAIL  
w/ GLASS KEY & KEEL (S.S.)



**11** ANT-LIFT



**3** SILL TRACKS

SILL PAN  
DRAINAGE PIPE

PRODUCT:  
FLEETWOOD  
EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
COMPONENTS

NO.	DATE	BY	REVISIONS

**RW** BUILDING CONSULTANTS, INC.  
813.659.9197

DATE: 4/04/23

SCALE: N.T.S.

DWG. BY: LFS

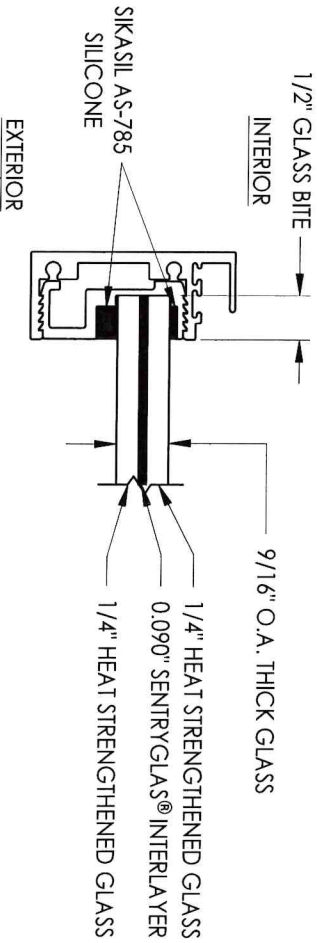
CHK. BY: RW

DRAWING NO.: L-98266

SHEET 8 OF 9

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL # 01993775  
Date 4/06/2023 Verified by VKW

BILL OF MATERIALS		MATERIAL
ITEM #	DESCRIPTION	
B	2X TEST BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2" FH WOOD SCREW	STEEL
1	FIN JAMB	6063-T6 ALUM
2	HEAD TRACKS	6063-T6 ALUM
3	SILL TRACKS	6063-T6 ALUM
4	FIN KEEP	6063-T6 ALUM
6	FIN LEAD STILE	6063-T6 ALUM
7	TOP RAIL	6063-T6 ALUM
9	BOTTOM RAIL	6063-T6 ALUM
10	REINFORCEMENT	6063-T6 ALUM
11	ANTI-LIFT	6063-T6 ALUM
12	SHEAVE BLOCK	6063-T6 ALUM
13	SLOT CAP	6063-T6 ALUM
14	MOHAIR WEATHERSTRIP	-
15	MOHAIR WEATHERSTRIP	-
16	BLADE LOCKING HARDWARE	-
17	BLADE CASE	-
18	MOHAIR WEATHERSTRIP	-
20	A4-E SHEAVE	-
21	SILL PAN	5052-ALUM



PRODUCT: FLEETWOOD  
EDGE SLIDING GLASS DOOR

PART OR ASSEMBLY:  
BILL OF MATERIALS, COMPONENTS  
& GLAZING DETAILS

NO.	DATE	REVISIONS	BY

**RW** BUILDING CONSULTANTS, INC.  
813.659.9197

DATE: 4/04/23

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: L-9826B

SHEET 9 OF 9

Testing Evaluation Laboratories Inc.  
Specimen Complies with Drawing  
Deviations Noted - TEL# 01993775  
Date 4/06/2023 Verified by VKW