Testing Evaluation Laboratories, Inc.
2002 Wood Court Suite 1 – Plant City, FL 33563
Phone: 813-754-9887

AAMA/WDMA/CSA 101/I.S.2/A440-17

TEST REPORT SUMMARY

Test Report Issued To:

Fleetwood Windows and Doors
1 Fleetwood Way
Corona, CA 92879

4400-T Pivot Door
Impact Resistant

Title	Summary of Results		
	Specimen 1	Specimen 5	Specimen 6
Primary Product Designator	Class – Not Rated 2438 x 3658 (96 x 144)	SP -PG60 1829 x 3048 (72 x 120)	SP -PG60 1829 x 3048 (72 x 120)
Design Pressure	NA	+2873 /- 3112 Pa +60.0/ - 65.0 psf)	+2633 /- 2633 Pa +55.0/ - 55.0 psf)
Operating Force	NA	Pass	Pass
Air Infiltration	1.30 L/s/m² (0.260 scfm/ft²) @ 75 Pa (1.57 psf)	*See Specimen 1 for these results.*	*See Specimen 1 for these results.*
Air Exfiltration	1.45 L/s/m² (0.289 scfm/ft²) @ 75 Pa (1.57 psf)	*See Specimen 1 for these results.*	*See Specimen 1 for these results.*
Water Resistance	144 Pa (3.00 psf)	*See Specimen 1 for these results.*	*See Specimen 1 for these results.*
Structural Test Pressure	NA	+4309 /- 4668 Pa (+90.0 / - 97.5 psf)	+3950 /- 3950 Pa (+82.5 / - 82.5 psf)
Forced Entry	NA	No Entry	No Entry

Reference should be made to Report No. TEL 01993412 for complete test specimen description and data.

For Testing Evaluation Laboratories, Inc.

Vivian K. Wright

Vivian K. Wright,
President

Testing Evaluation Laboratories, Inc.
2002 Wood Court Suite 1 – Plant City, FL 33563
Phone: 813-754-9887

TEST RESULTS

IAS Lab Certification Number: TL-299

Report No: TEL 01993412
Test Dates: November 2-8, 2021
Report Date: December 14, 2021

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 4400-T Pivot Door at TEL's Plant City, FL test facility. The samples tested successfully met the performance requirements for:

Specimen 1 - Class – Not Rated – Tested for Air and Water Infiltration only.
Specimen 5 - SP -PG60 1829 x 3048 (72 x 120)
Specimen 6 - SP PG55 1829 x 3048 (72 x 120)

Test specimen description and results are reported herein. Samples provided by the client.

Test Specifications: The test specimen was evaluated in accordance with the following:

AAMA/WDMA/CSA 101/I.S.2/A440-17

Test Specimen Description:

Series / Model:	**4400-T Pivot Door**
Type:	**Impact Resistant Aluminum Pivot Doors**
Overall Size:	**2438 mm x 3658 mm (96.00" x 144.0") – X – Specimen 1** **1829 mm x 3048 mm (72.0" x 120.0") – X – Specimens 5 and 6**
Daylight Opening:	**2178 mm x 3381 mm (85.75 x 133.125") – Specimen 1** **1568 mm x 2772 mm (61.75 x 109.125") – Specimens 5 and 6**
Glazing Detail:	**(See attached drawing #L-9491, #L-9495 and #L-9496 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 #'s L-9491, L-9495 and 9496.

Test Results: Specimen 1 - 2438 mm x 3658 mm (96.0" x 144.0") Aluminum Pivot Door - X

The test results are tabulated as follows:

Paragraph	Title of Test – Test Method	Results	Allowed
5.3.2.1	Air Infiltration per ASTM E283-04 75 Pa (1.57 psf)	1.30 L/s/m^2 0.260 scfm/ft^2	1.5 L/s/m^2 0.30 scfm/ft^2
	Air Exfiltration per ASTM E283-04 75 Pa (1.57 psf)	1.45 L/s/m^2 0.289 scfm/ft^2	1.5 L/s/m^2 0.30 scfm/ft^2

Note #1: ***The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2-97/A440-17 for air infiltration/exfiltration.***

Water Resistance per ASTM E 547-00 @ 144 Pa (3.00 psf)	**No Leakage**	**No Leakage**

Test Results: Specimen 5 - 1829 mm x 3048 mm (72.0" x 120.0") Aluminum Pivot Door - X

The test results are tabulated as follows:

Paragraph	Title of Test – Test Method	Results	Allowed
5.3.2.1	Air Infiltration per ASTM E283-04 75 Pa (1.57 psf)	*See Specimen 1 for these results.*	
	Air Exfiltration per ASTM E283-04 75 Pa (1.57 psf)	*See Specimen 1 for these results.*	

Note #1: ***The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2-97/A440-17 for air infiltration/exfiltration.***

Water Resistance per ASTM E 547-00 ***See Specimen 1 for these results.***

Uniform Load Structural per ASTM E 330-02

Range	Time (Sec)	Load Pa (psf)	Location	Deflection mm (in.)	Allowable mm (in.)
Half Test Positive	10	1436 (30.00)			
Test Positive	10	2873 (60.00)	1	0.76 (0.030)	See Note #3
Half Test Negative	10	1556 (32.50)			
Test Negative	10	3112 (65.00)	1	0.86 (0.034)	See Note #3

Note #3: ***The deflections reported are not limited by AAMA/WDMA/CSA101/I.S.2/A440-17 for this product designation. The deflection data is recorded in this report for special code compliance and information only. See Note #4 for deflection locations.***

Range	Time (seconds)	Load Pa (psf)	Location	Deflection mm (in).	Set mm (in.)	Allowable mm (in.)
Half Proof Positive	10	2155 (45.00)				
Proof Positive	10	4309 (90.00)	1	2.13 (0.084)	0.10 (0.004)	4.57 (0.180)
Half Proof Negative	10	2334 (48.75)				
Proof Negative	10	4668 (97.50)	1	0.48 (0.019)	0.05 (0.002)	4.57 (0.180)

Note #4: Deflection/Set for Location 1 measured between deadbolt and flip-bolt at right side lock stile.

Test Results: **Specimen 5 - 1829 mm x 3048 mm (72.0" x 120.0") Aluminum Pivot Door - X**
Continued:

5.3.5	**Forced Entry Resistance AAMA 1304**		
	1330 N (300 lbf) point load		
	Top left stile corner	**No Entry**	**No Entry**
	Bottom left stile corner	**No Entry**	**No Entry**
	Above lock	**No Entry**	**No Entry**

Test Results: Specimen 6 - 1829 mm x 3048 mm (72.0" x 120.0") Aluminum Pivot Door - X

The test results are tabulated as follows:

Paragraph	Title of Test – Test Method	Results	Allowed
5.3.2.1	Air Infiltration per ASTM E283-04 75 Pa (1.57 psf)	*See Specimen 1 for these results.*	
	Air Exfiltration per ASTM E283-04 75 Pa (1.57 psf)	*See Specimen 1 for these results.*	

Note #1: ***The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2-97/A440-17 for air infiltration/exfiltration.***

Water Resistance per ASTM E 547-00 ***See Specimen 1 for these results.***

Uniform Load Structural per ASTM E 330-02

Range	Time (Sec)	Load Pa (psf)	Location	Deflection mm (in.)	Allowable mm (in.)
Half Test Positive	10	1317 (27.50)			
Test Positive	10	2633 (55.00)	1	4.27 (0.168)	See Note #3
Half Test Negative	10	1317 (27.50)			
Test Negative	10	2633 (55.00)	1	5.21 (0.205)	See Note #3

Note #3: ***The deflections reported are not limited by AAMA/WDMA/CSA101/I.S.2/A440-17 for this product designation. The deflection data is recorded in this report for special code compliance and information only. See Note #4 for deflection locations.***

Range	Time (seconds)	Load Pa (psf)	Location	Deflection mm (in).	Set mm (in.)	Allowable mm (in.)
Half Proof Positive	10	1975 (41.25)				
Proof Positive	10	3950 (82.50)	1	6.45 (0.254)	0.56 (0.022)	6.10 (0.240)
Half Proof Negative	10	1975 (41.25)				
Proof Negative	10	3950 (82.50)	1	8.20 (0.323)	0.20 (0.008)	6.10 (0.240)

Note #4: Deflection/Set for Location 1 measured between pivot point and corner at right side lock stile.

Test Results: **Specimen 6 - 1829 mm x 3048 mm (72.0" x 120.0") Aluminum Pivot Door - X**
Continued:

5.3.5	**Forced Entry Resistance AAMA 1304**		
	1330 N (300 lbf) point load		
	Top left stile corner	**No Entry**	**No Entry**
	Bottom left stile corner	**No Entry**	**No Entry**
	Above lock	**No Entry**	**No Entry**

General Note:

Tape and film were used to seal against air leakage during structural testing. 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.

Testing Evaluation Laboratories, Inc. makes no opinions or endorsements regarding this product and its performance. This report may not be reproduced or quoted in partial form without the expressed written approval of Testing Evaluation Laboratories, Inc.

Testing Evaluation Laboratories, Inc.'s letter, reports, its name or insignia or mark are for the exclusive use of the client so named herein and any other use is strictly prohibited. The report, letters and the name of Testing Evaluation Laboratories, Inc., its seal or mark shall not be used in any circumstance to the general public or in any advertising.

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.

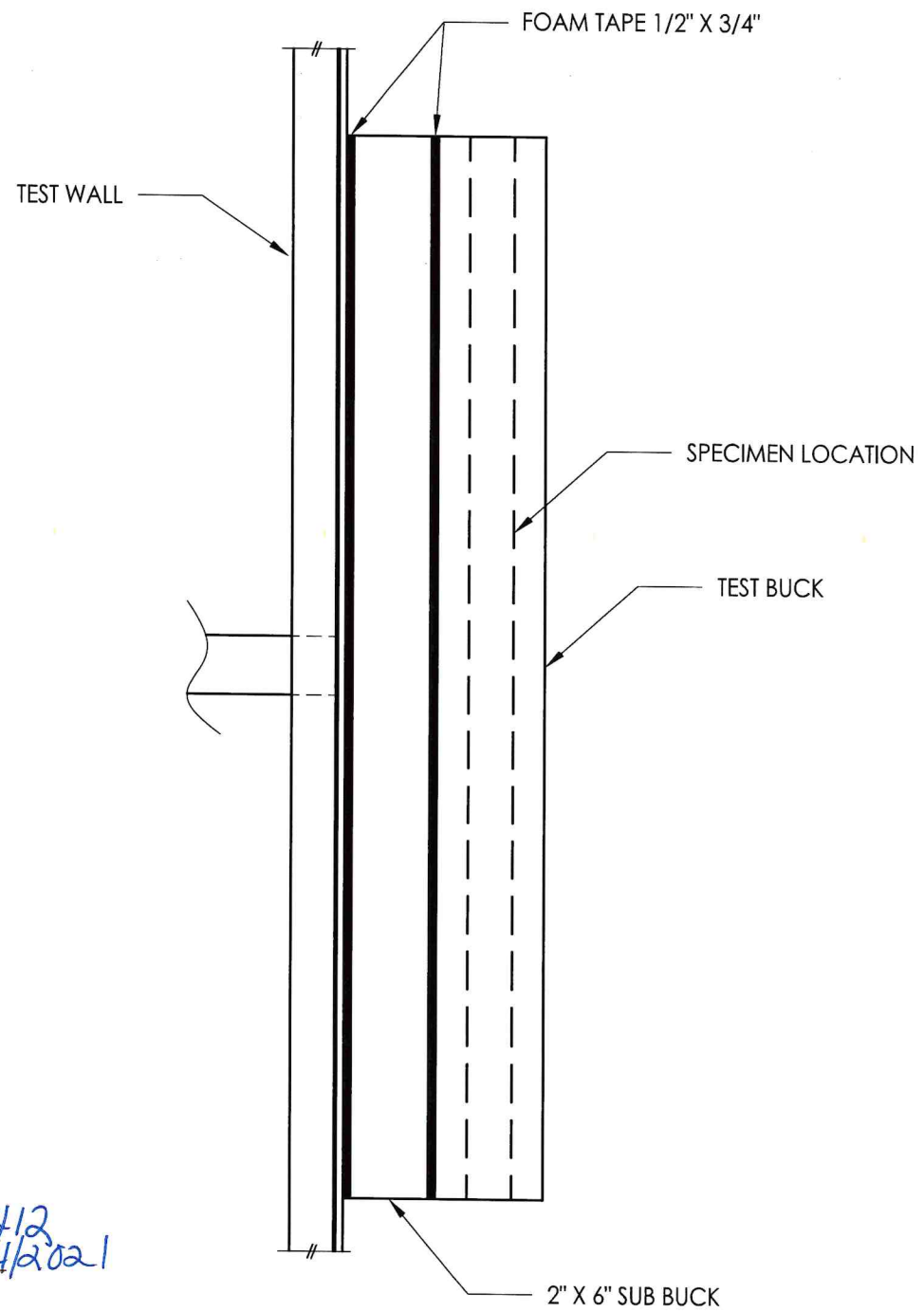
Testing Evaluation Laboratories, Inc.

Vivian K. Wright

Vivian K. Wright,
President

Revision Log

Rev No.	Date	Page(s)	Revision(s)
0	12/14/2021	NA	Draft Report Issued



Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01923412
Date VLW Verified by 12/14/2021

PRODUCT: ASTM E283 SECTION 13.1.4

PART OR ASSEMBLY: AIR SEAL DETAIL

NO.	DATE	REVISIONS	BY

T.E.L.
813.754.9887

DATE: 5/03/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TEL-102A
SHEET 1 OF 1

TABLE OF CONTENTS

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

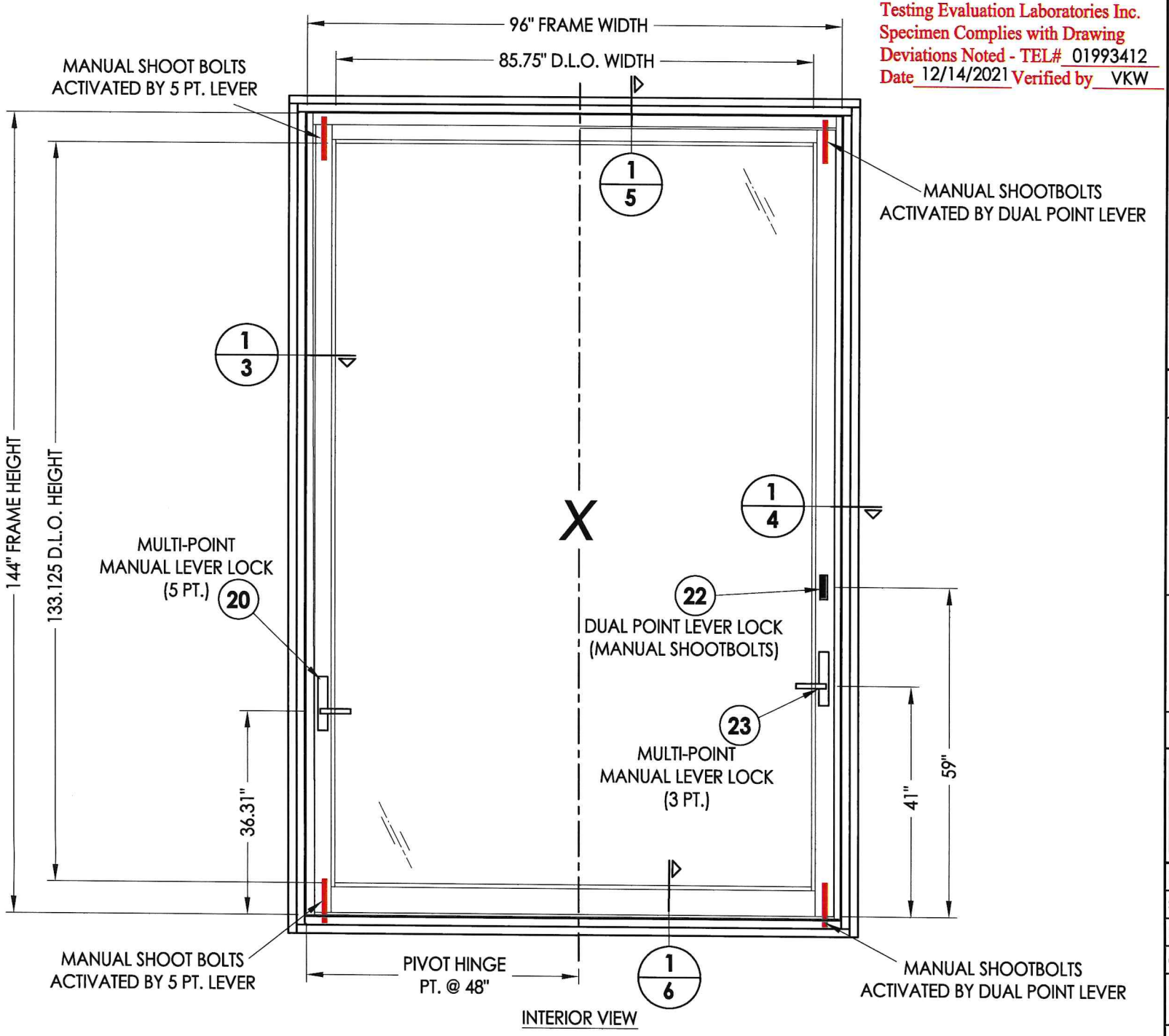
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: TABLE OF CONTENTS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 1 OF 10



Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

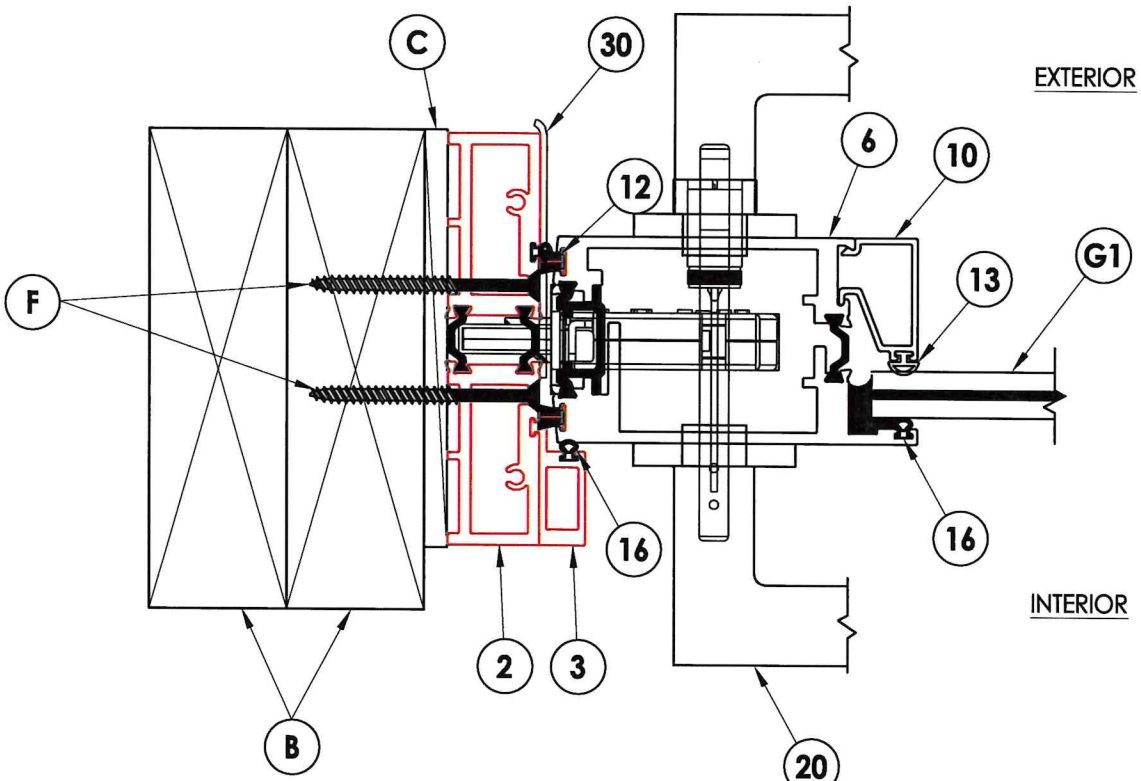
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: TEST ELEVATIONS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 2 OF 10



1/3 **HORIZONTAL CROSS SECTION**

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

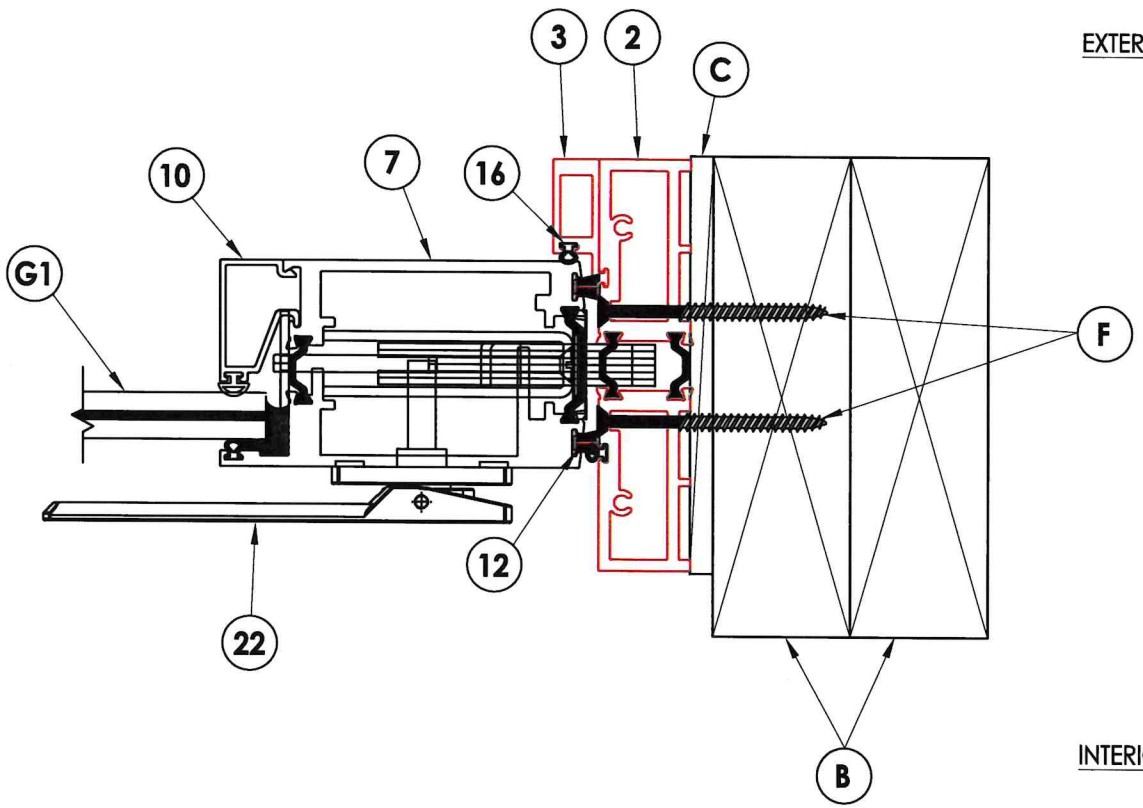
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: CROSS SECTION

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 3 OF 10



1/4 **HORIZONTAL CROSS SECTION**

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

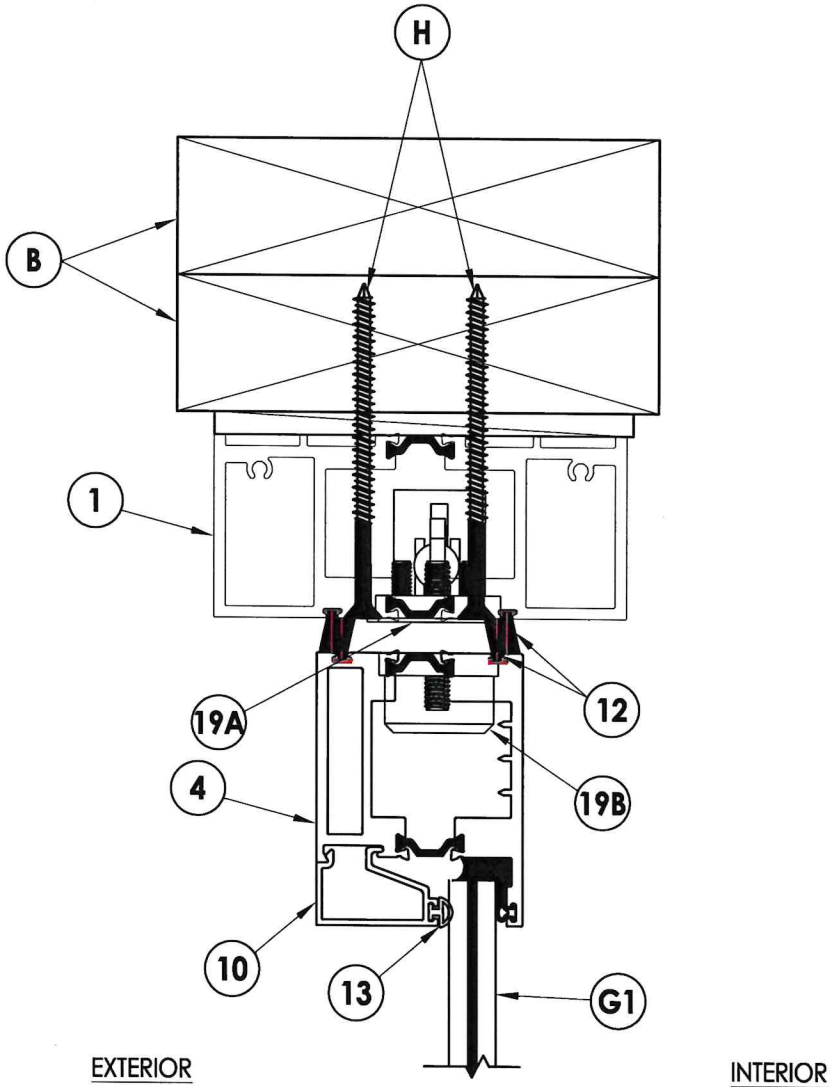
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: CROSS SECTION

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 4 OF 10



1/5 VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

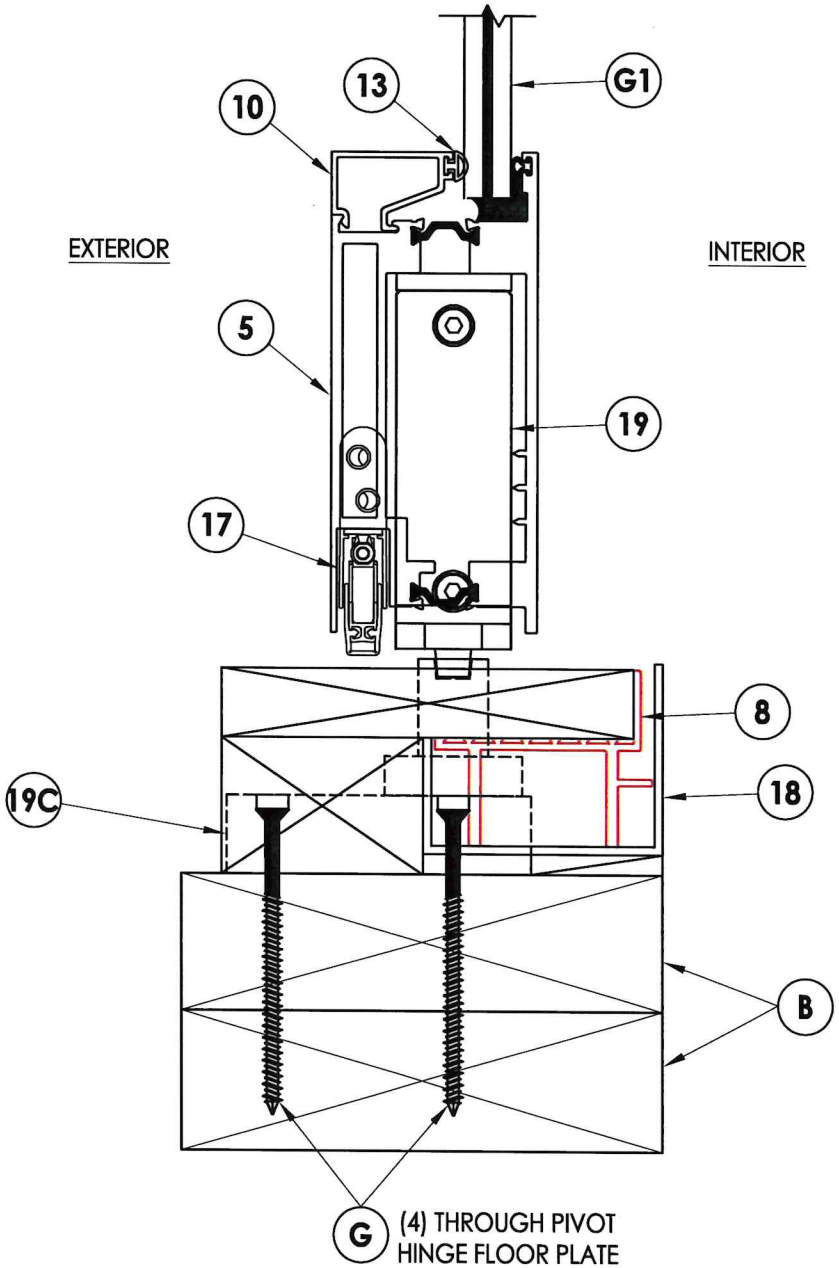
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: CROSS SECTION

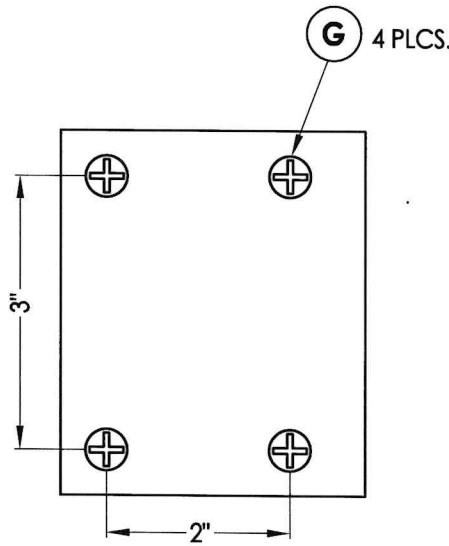
NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 5 OF 10



1/6 **VERTICAL CROSS SECTION**



PIVOT HINGE FLOOR PLATE PLAN VIEW

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

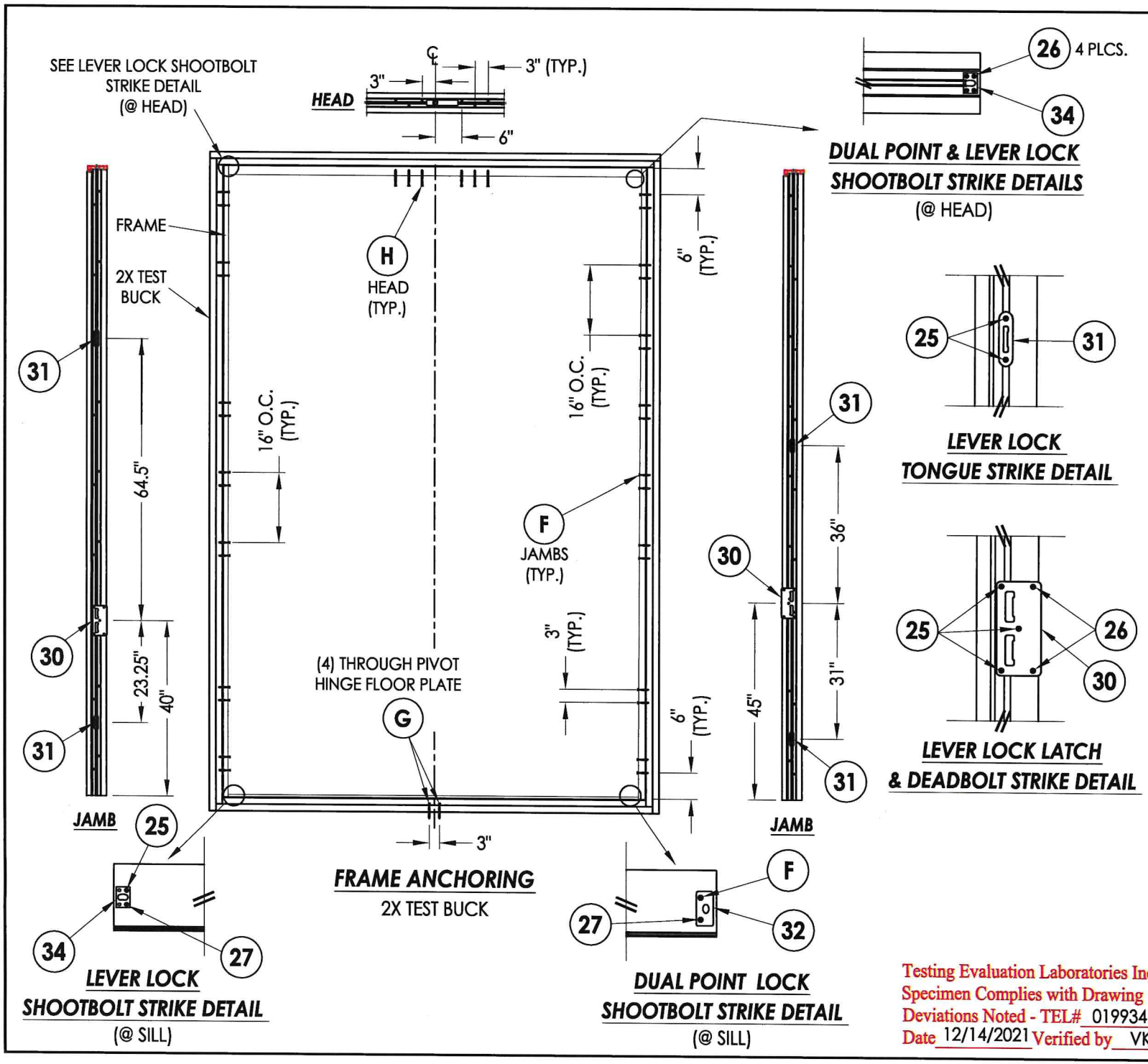
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: CROSS SECTION

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 6 OF 10



Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

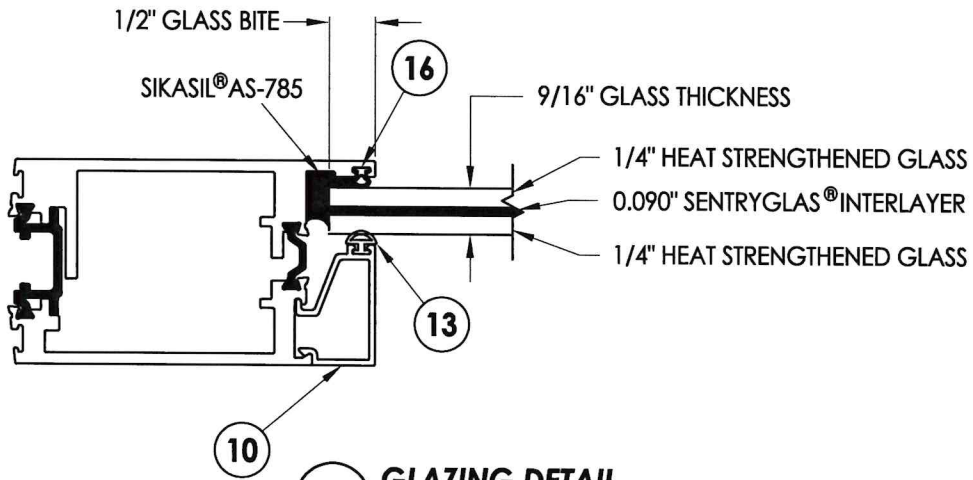
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 7 OF 10



G1 GLAZING DETAIL

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

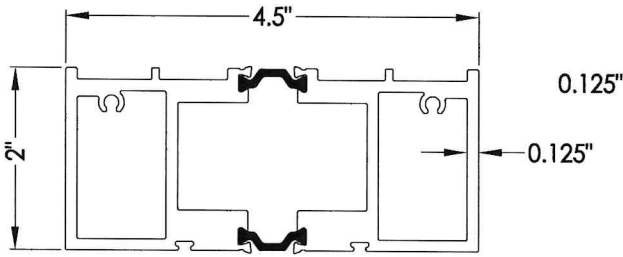
PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: GLAZING DETAILS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 8 OF 10



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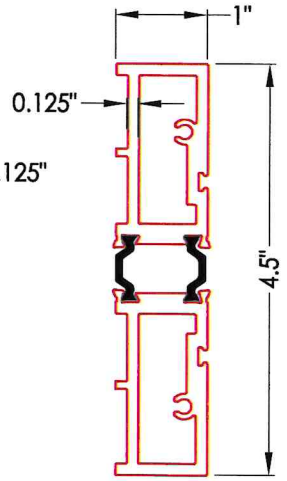

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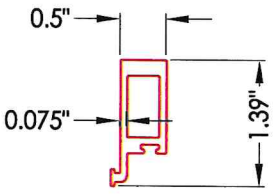
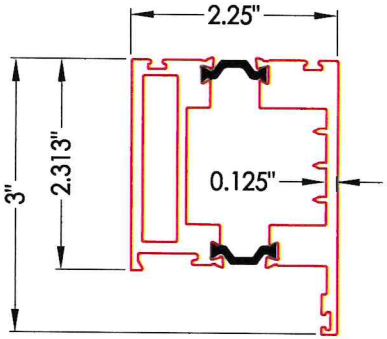
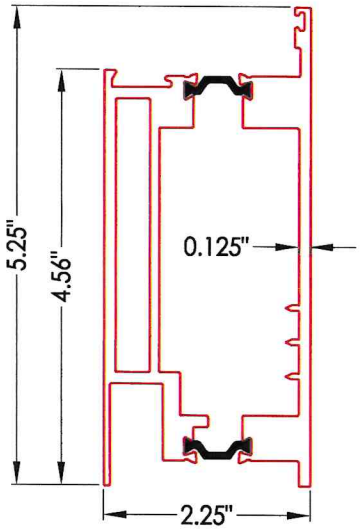


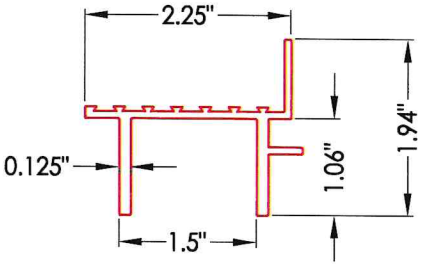
3 PANEL STOP



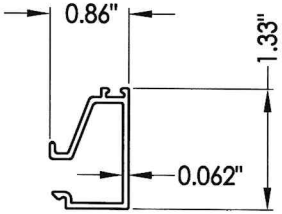
4 TOP RAIL



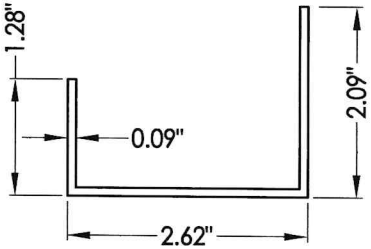
5 BOTTOM RAIL



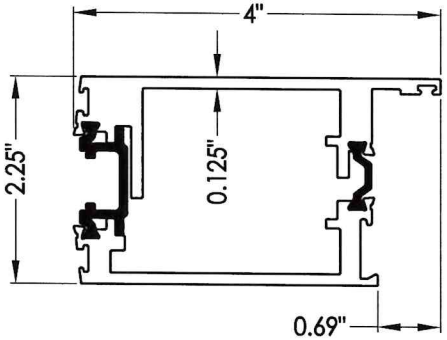
8 SUB SILL



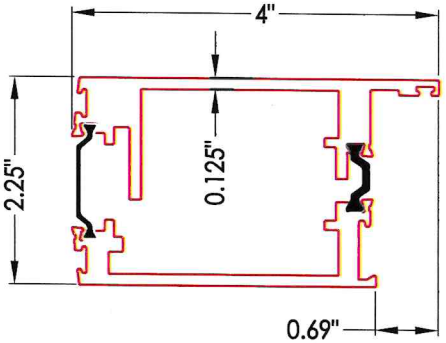
10 GLASS STOP 9/16"



18 SILL PAN



6 MULTI-POINT LOCK STILE



7 ARCHETYPE LOCK STILE

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: BILL OF MATERIALS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 9 OF 10

BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X TEST BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2-1/2" PFH WOOD SCREW	STEEL
G	1/4" Ø X 3-1/4" PFH ITW BUILDEX CONCRETE SCREW	STEEL
H	#10 X 3-1/2" PFH WOOD SCREW	STEEL
1	HEAD	6063-T6 ALUM
2	JAMB	6063-T6 ALUM
3	PANEL STOP	6063-T6 ALUM
4	TOP RAIL	6063-T6 ALUM
5	BOTTOM RAIL	6063-T6 ALUM
6	MULTI-POINT LOCK STILE	6063-T6 ALUM
7	ARCHETYPE LOCK STILE	6063-T6 ALUM
8	SUB SILL	6063-T6 ALUM
10	GLASS STOP (9/16")	6063-T6 ALUM
12	FIN SEAL MOHAIR - AMESBURY	MOHAIR
13	LARGE BULB VINYL (EPDM 70 DUROMETER) - TREMCO	VINYL
16	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	VINYL
17	DROP DOWN SEAL	-
18	SILL PAN	-
19	FRITSJURGENS SYSTEM M PIVOT HINGE	-
19A	PIVOT HINGE CEILING PLATE	-
19B	PIVOT HINGE TOP PIVOT	-
19C	PIVOT HINGE FLOOR PLATE	-
20	MULTI-POINT MANUAL LEVER LOCK (5 PT.)	-
22	DUAL POINT LEVER ACTIVATED MANUAL LOCK (2 PT. SHOOTBOLTS)	-
23	MULTI-POINT MANUAL LEVER LOCK (3 PT.)	-
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 1/2" PFH SMS	STEEL
27	#8 X 1" PFH SMS	STEEL
30	LEVER LOCK LATCH & DEADBOLT STRIKE PLATE	STEEL
31	LEVER LOCK TONGUE STRIKE PLATE	STEEL
32	DUAL POINT SHOOTBOLT STRIKE PLATE (@ SILL)	STEEL
34	DUAL POINT & LEVER LOCK SHOOTBOLT STRIKE PLATE	STEEL

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 1

PART OR ASSEMBLY: BILL OF MATERIALS & GLAZING DETAILS

NO.	DATE	BY	REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 10/19/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9491
SHEET 10 OF 10

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Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

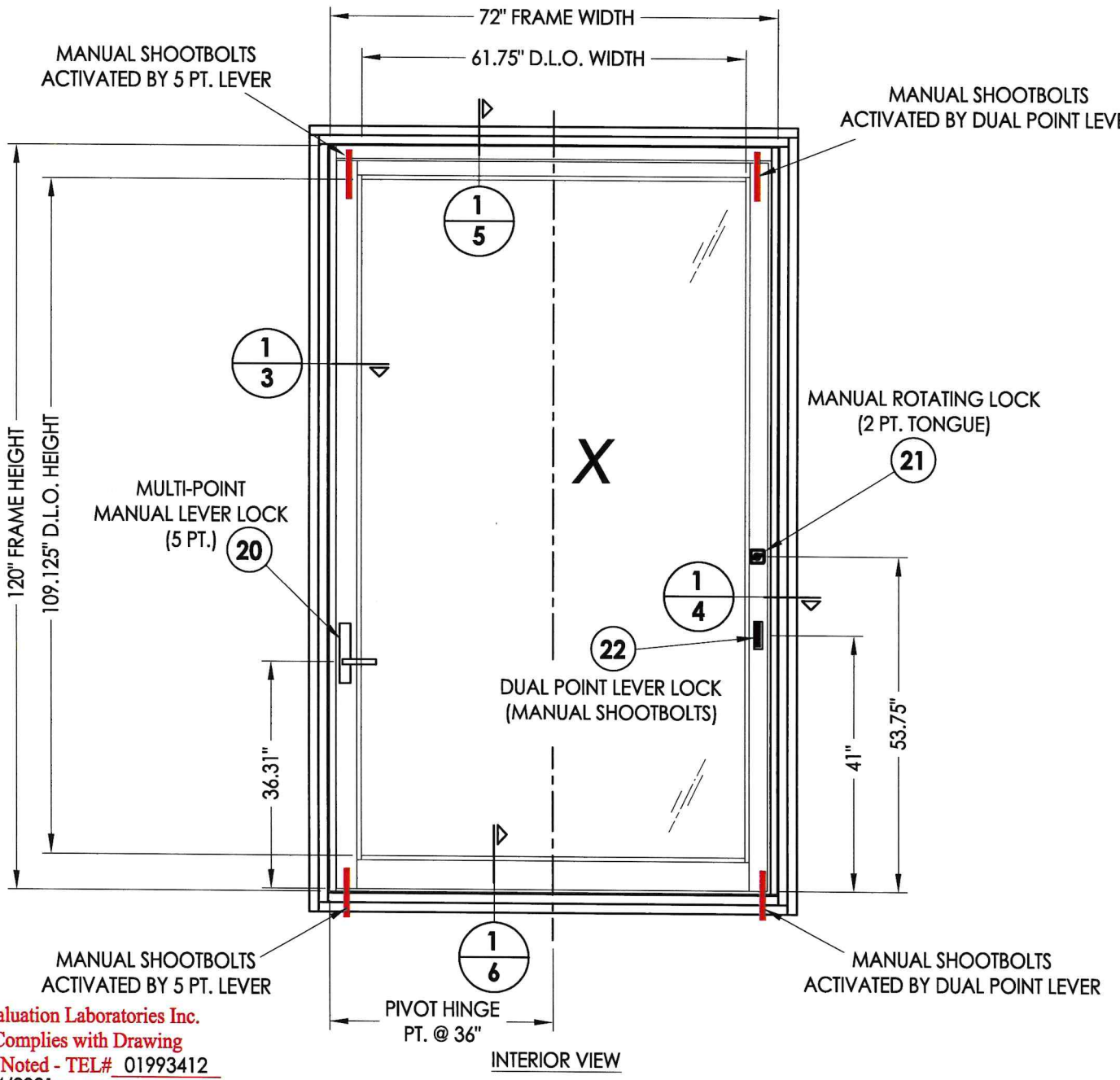
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: TABLE OF CONTENTS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 1 OF 10



INTERIOR VIEW

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

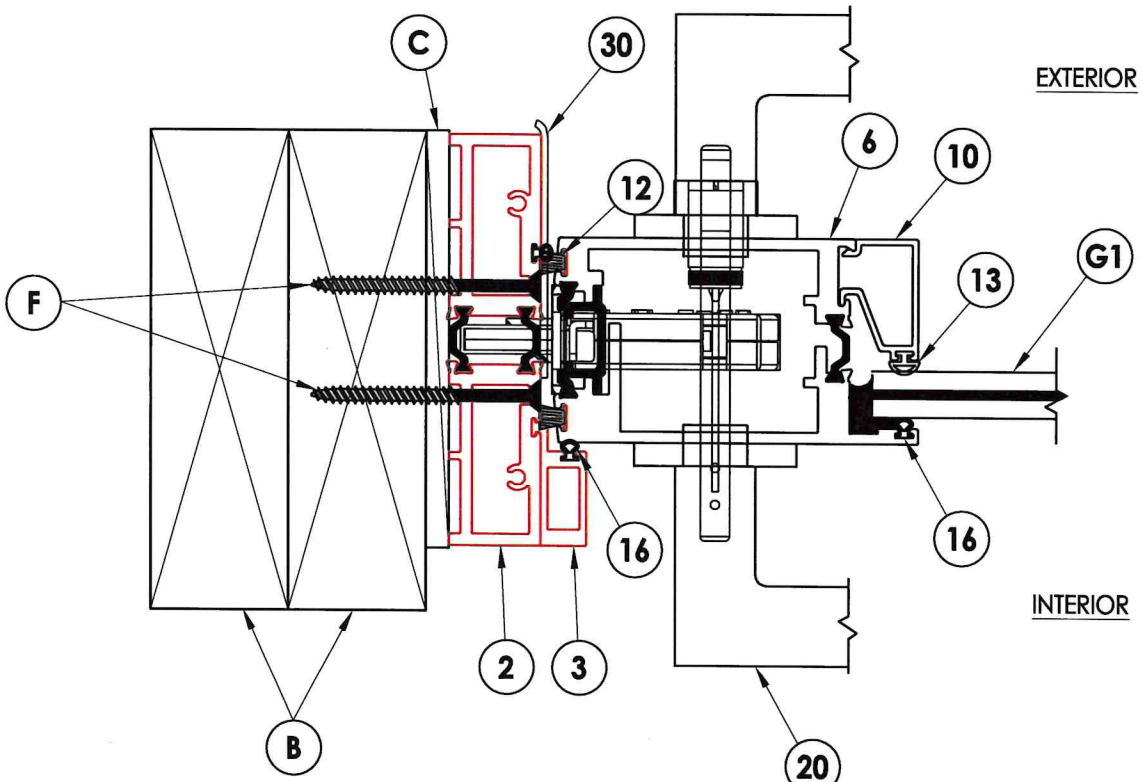
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: TEST ELEVATION

NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 2 OF 10



1/3 **HORIZONTAL CROSS SECTION**

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

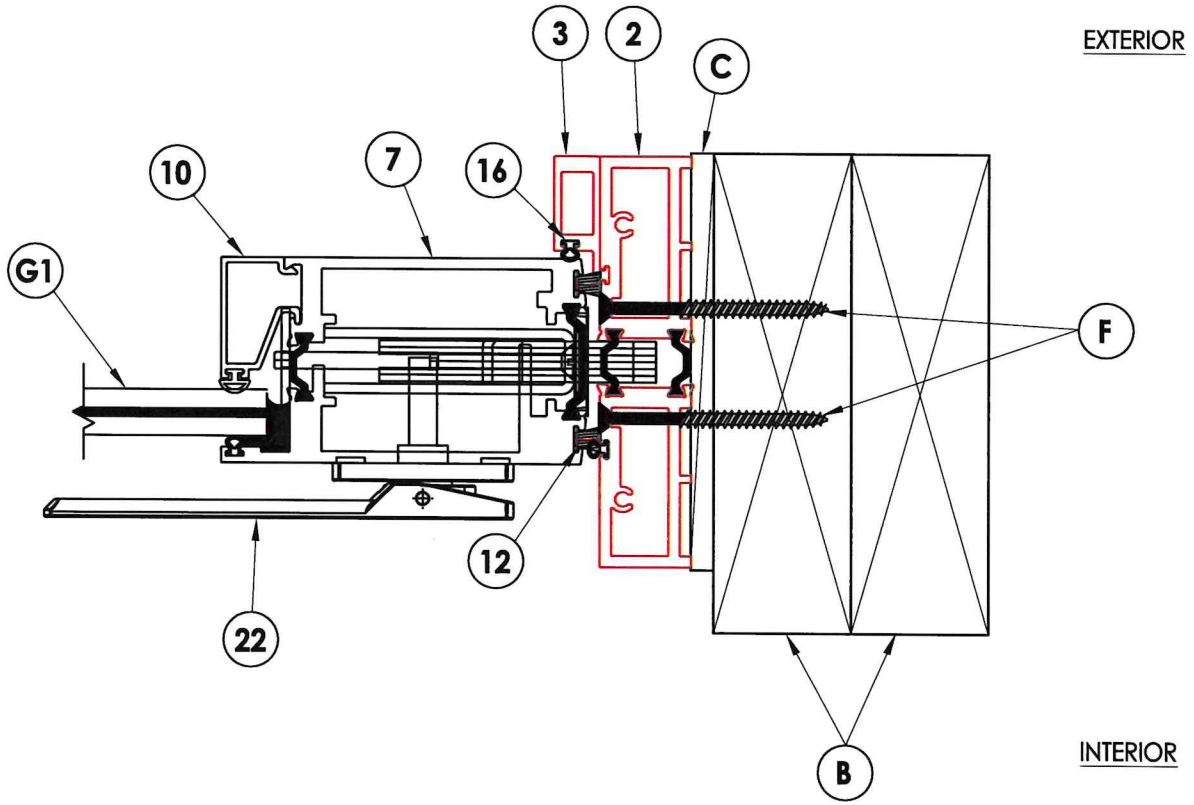
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 3 OF 10



1/4 **HORIZONTAL CROSS SECTION**

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

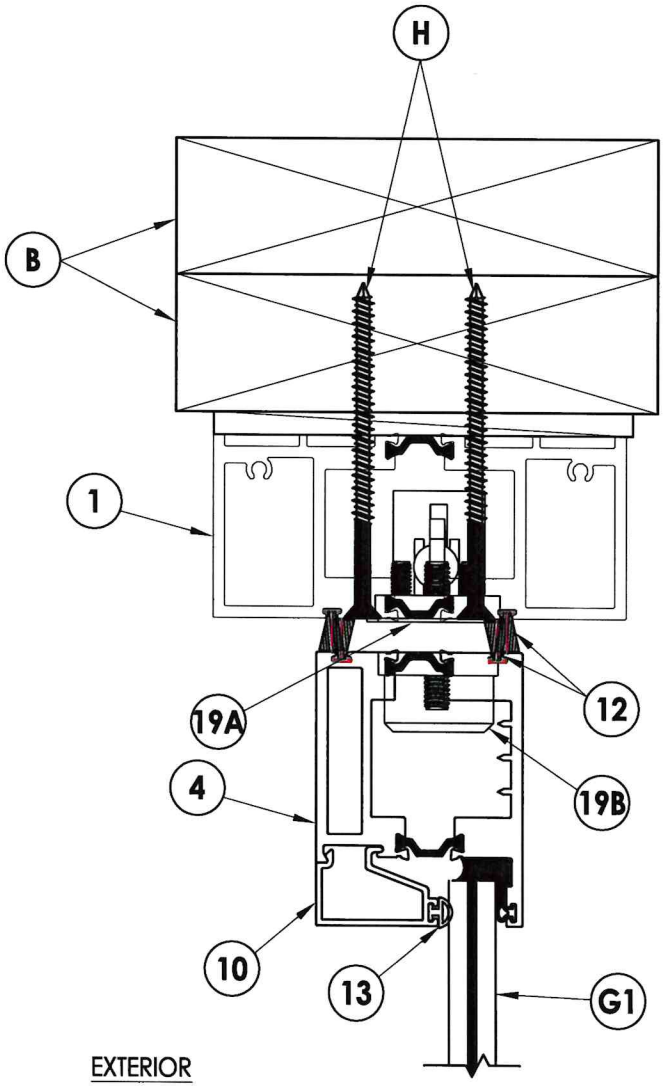
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 4 OF 10



1/5 VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

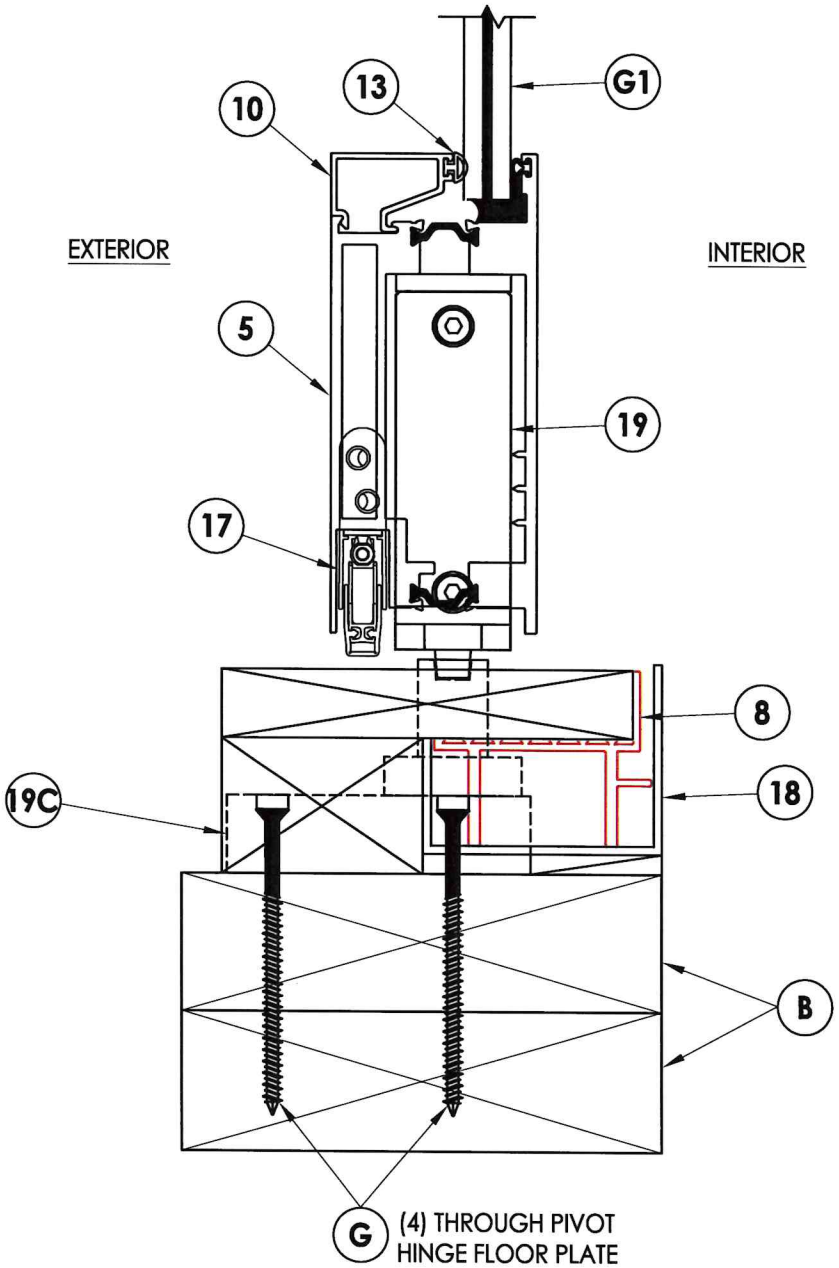
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: VERTICAL CROSS SECTION

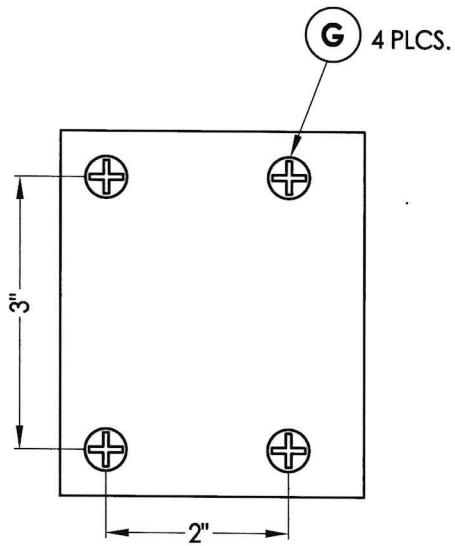
NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 5 OF 10



1/6 **VERTICAL CROSS SECTION**



PIVOT HINGE FLOOR PLATE PLAN VIEW

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

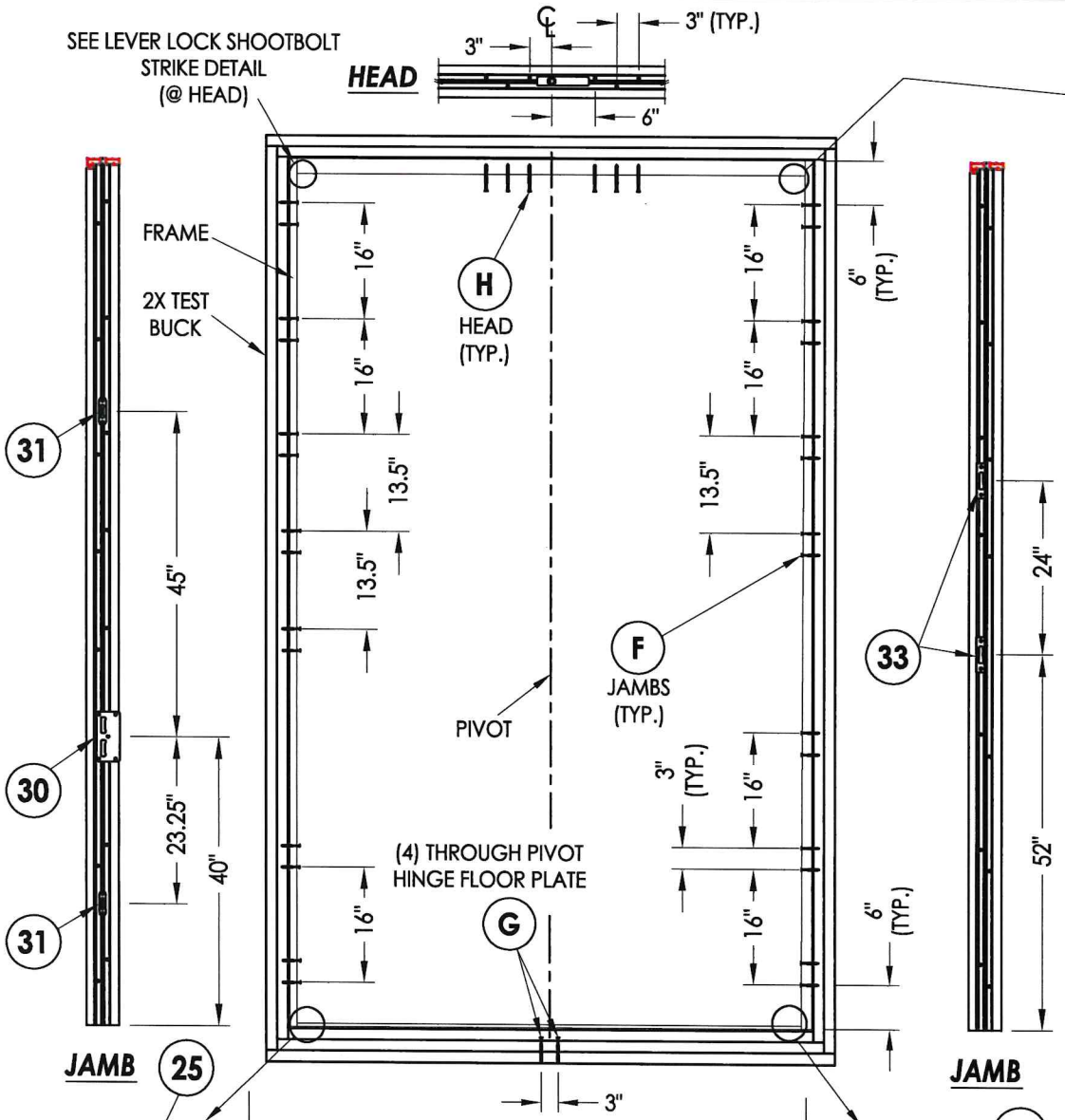
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: VERTICAL CROSS SECTION

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 6 OF 10

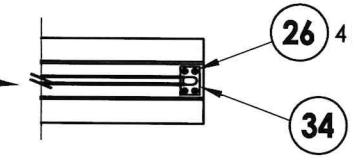


FRAME ANCHORING
2X TEST BUCK

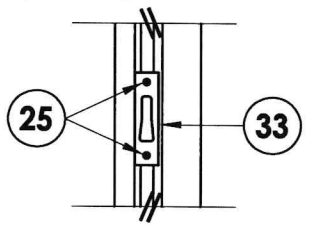
LEVER LOCK SHOOTBOLT STRIKE DETAIL
(@ SILL)

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

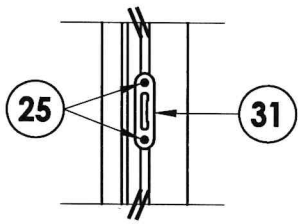
DUAL POINT LOCK SHOOTBOLT STRIKE DETAIL
(@ SILL)



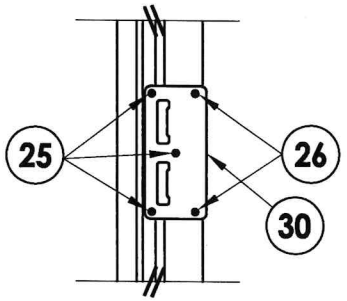
DUAL POINT & LEVER LOCK SHOOTBOLT STRIKE DETAILS
(@ HEAD)



ROTATING LOCK TONGUE STRIKE DETAIL



LEVER LOCK TONGUE STRIKE DETAIL



LEVER LOCK LATCH & DEADBOLT STRIKE DETAIL

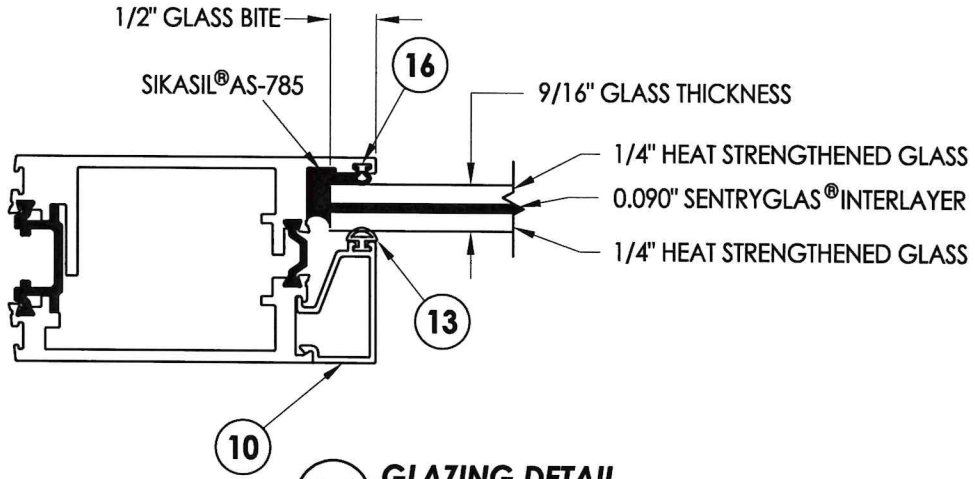
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 7 OF 10



G1 GLAZING DETAIL

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

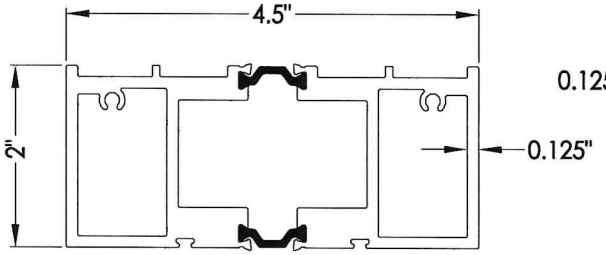
PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: GLAZING DETAILS

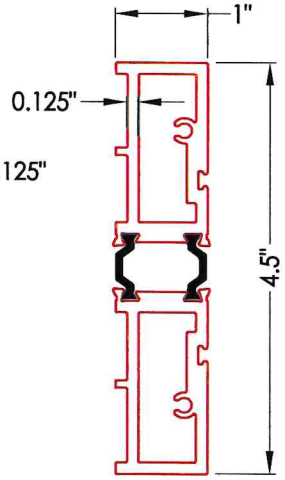
NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

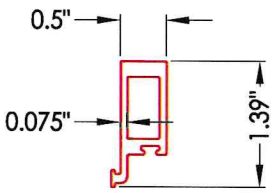
DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 8 OF 10



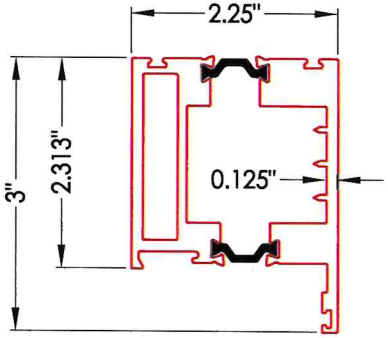
1 HEAD



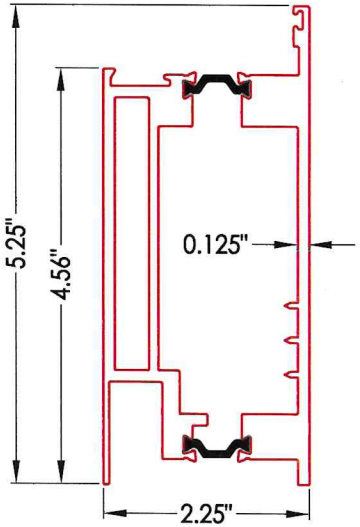
2 JAMB



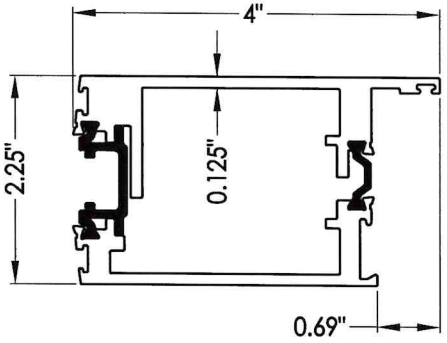
3 PANEL STOP



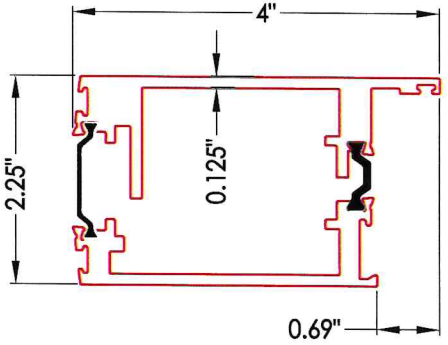
4 TOP RAIL



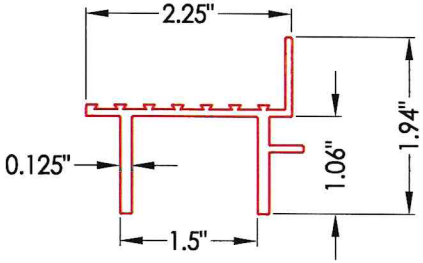
5 BOTTOM RAIL



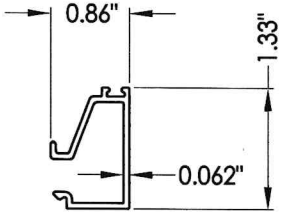
6 MULTI-POINT LOCK STILE



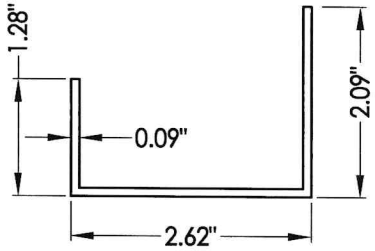
7 ARCHETYPE LOCK STILE



8 SUB SILL



10 GLASS STOP 9/16"



18 SILL PAN

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: COMPONENTS

NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 9 OF 10

BILL OF MATERIALS

M	DESCRIPTION	MATERIAL
B	2X TEST BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2-1/2" PFH WOOD SCREW	STEEL
G	1/4" Ø X 3-1/4" PFH ITW BUILDEX CONCRETE SCREW	STEEL
H	#10 X 3-1/2" PFH WOOD SCREW	STEEL
1	HEAD	6063-T6 ALUM
2	JAMB	6063-T6 ALUM
3	PANEL STOP	6063-T6 ALUM
4	TOP RAIL	6063-T6 ALUM
5	BOTTOM RAIL	6063-T6 ALUM
6	MULTI-POINT LOCK STILE	6063-T6 ALUM
7	ARCHETYPE LOCK STILE	6063-T6 ALUM
8	SUB SILL	6063-T6 ALUM
10	GLASS STOP (9/16")	6063-T6 ALUM
12	FIN SEAL MOHAIR - AMESBURY	MOHAIR
13	LARGE BULB VINYL (EPDM 70 DUROMETER) - TREMCO	VINYL
16	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	VINYL
17	DROP DOWN SEAL	-
18	SILL PAN	-
19	FRITSJURGENS SYSTEM M PIVOT HINGE	-
19A	PIVOT HINGE CEILING PLATE	-
19B	PIVOT HINGE TOP PIVOT	-
19C	PIVOT HINGE FLOOR PLATE	-
20	MULTI-POINT MANUAL LEVER LOCK (5 PT.)	-
21	MANUAL ROTATING LOCK (2 PT. TONGUE)	-
22	DUAL POINT LEVER ACTIVATED MANUAL LOCK (2 PT. SHOOTBOLTS)	-
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 1/2" PFH SMS	STEEL
27	#8 X 1" PFH SMS	STEEL
30	LEVER LOCK LATCH & DEADBOLT STRIKE PLATE	STEEL
31	LEVER LOCK TONGUE STRIKE PLATE	STEEL
32	DUAL POINT SHOOTBOLT STRIKE PLATE (@ SILL)	STEEL
33	ROTATING LOCK TONGUE STRIKE PLATE	STEEL
34	DUAL POINT & LEVER LOCK SHOOTBOLT STRIKE PLATE	STEEL

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 5, 5a, 5b, 5c

PART OR ASSEMBLY: BILL OF MATERIALS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9495
SHEET 10 OF 10

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Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 6, 6a

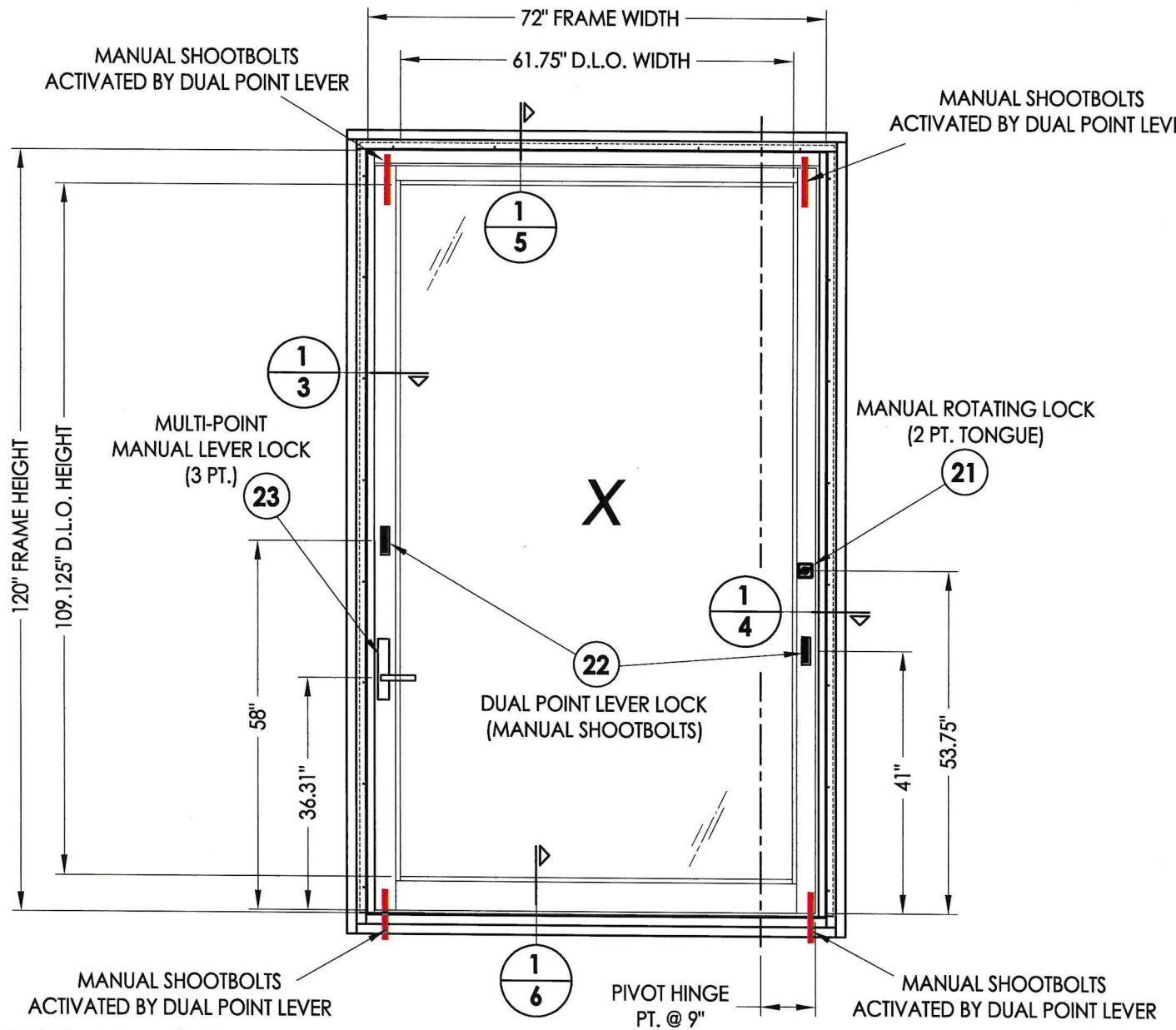
PART OR ASSEMBLY: TABLE OF CONTENTS

NO.	DATE	BY

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 1 OF 10



INTERIOR VIEW

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

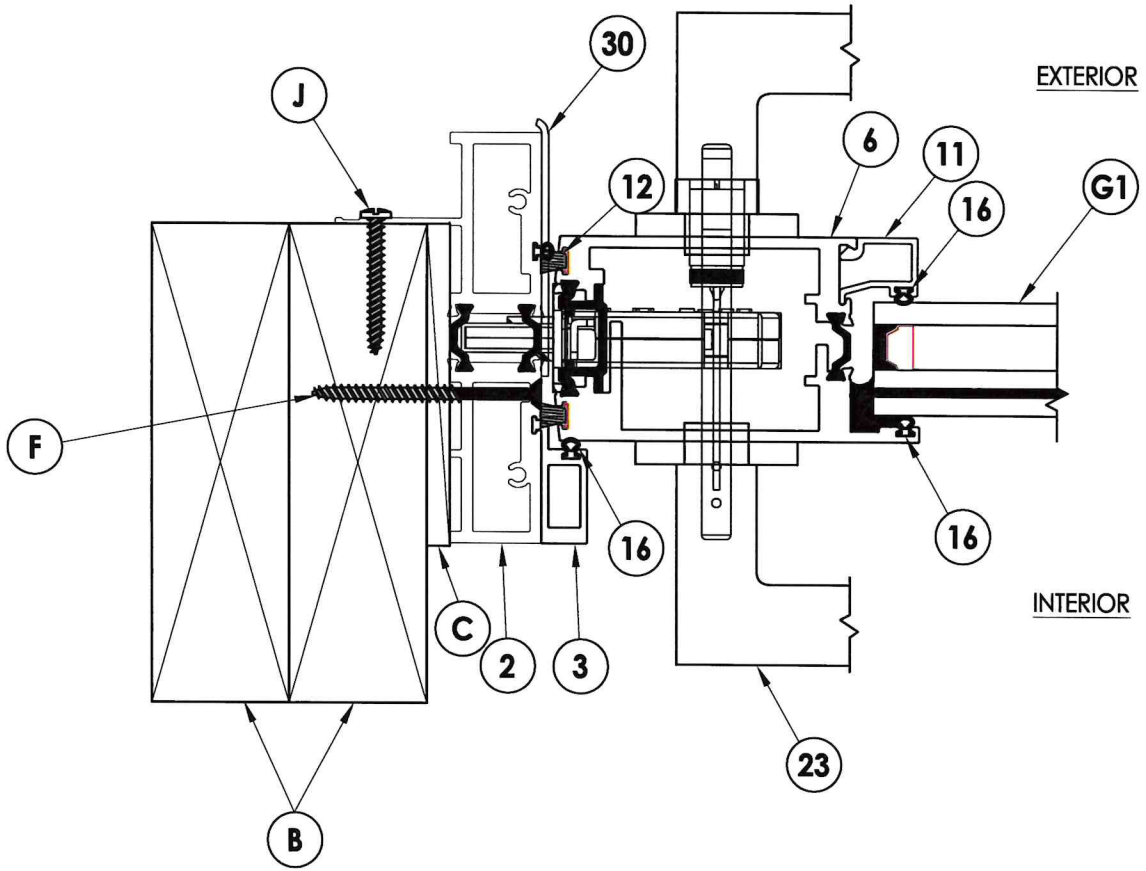
PRODUCT: FLEETWOOD SPEC. 6, 6a

PART OR ASSEMBLY: TEST ELEVATION

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 2 OF 10



1/3 **HORIZONTAL CROSS SECTION**

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 6, 6a

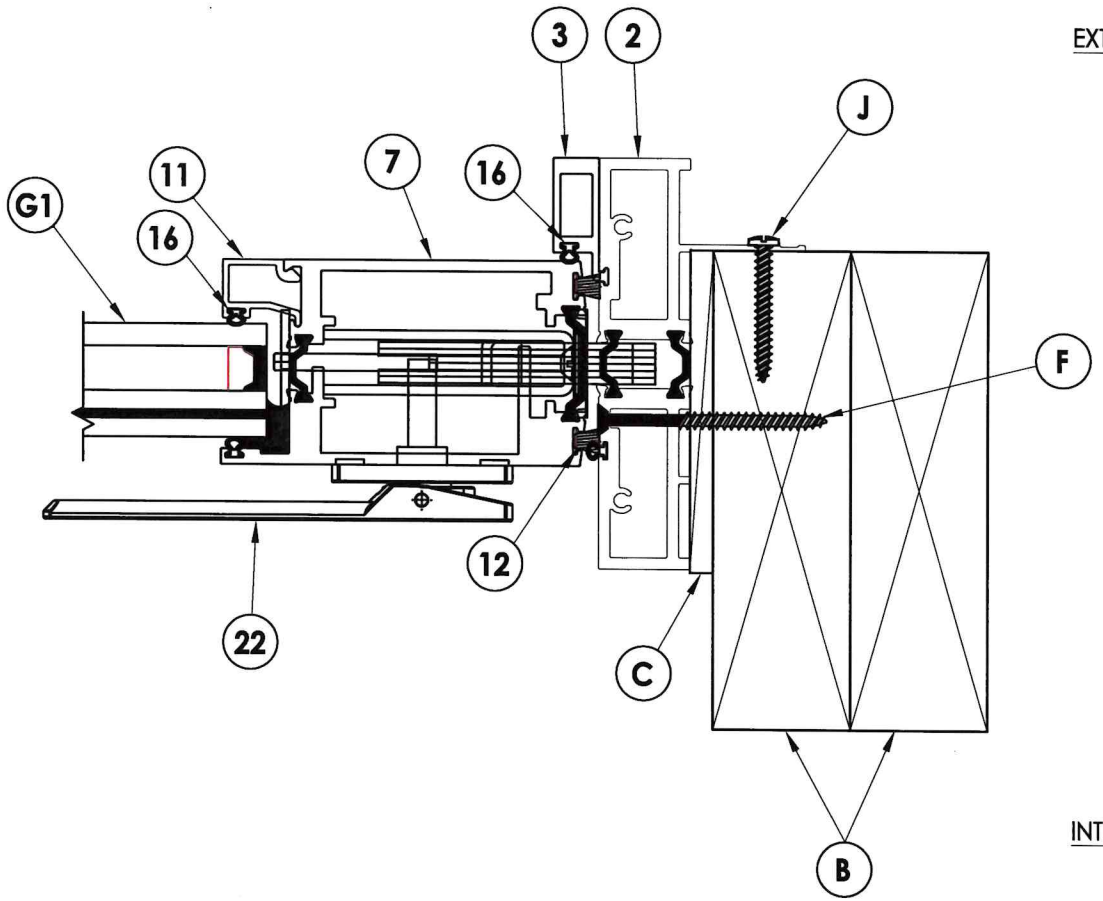
PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

NO.	DATE	BY

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 3 OF 10



1/4 **HORIZONTAL CROSS SECTION**

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 6, 6a

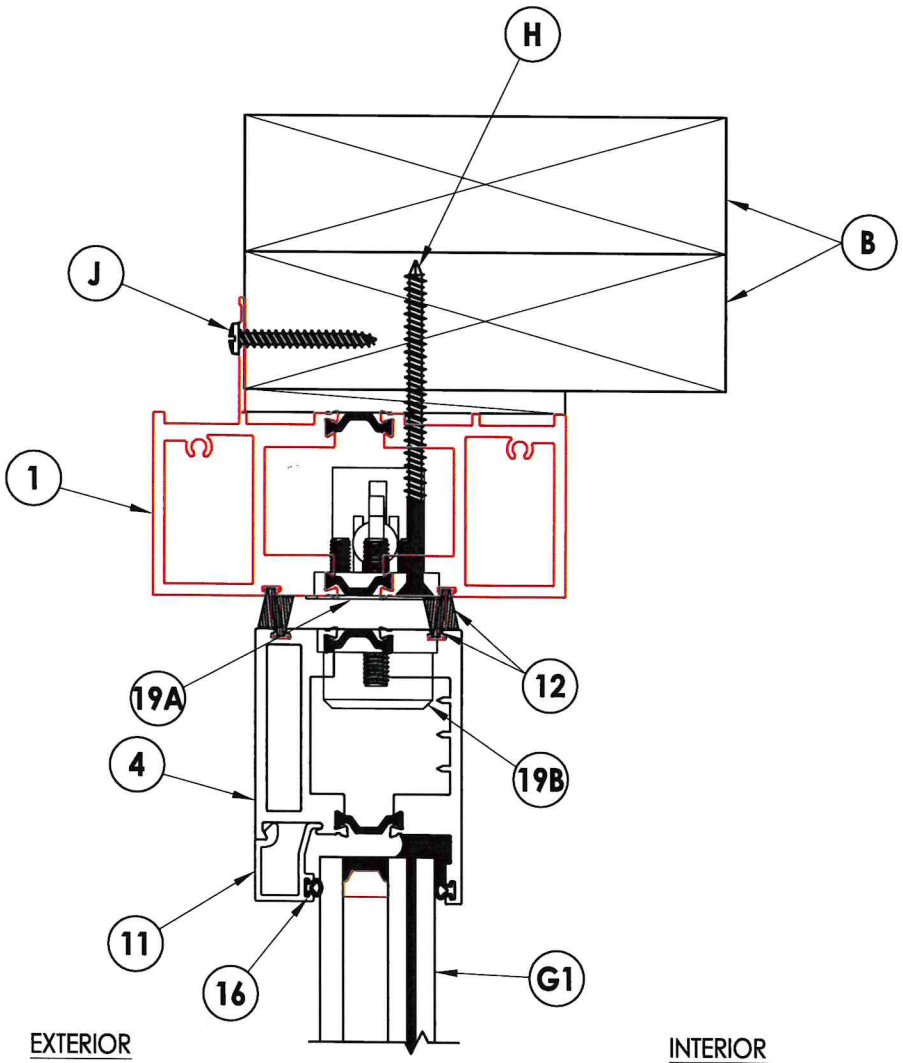
PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

NO.	DATE	BY

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 4 OF 10



1/5 **VERTICAL CROSS SECTION**

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 6, 6a

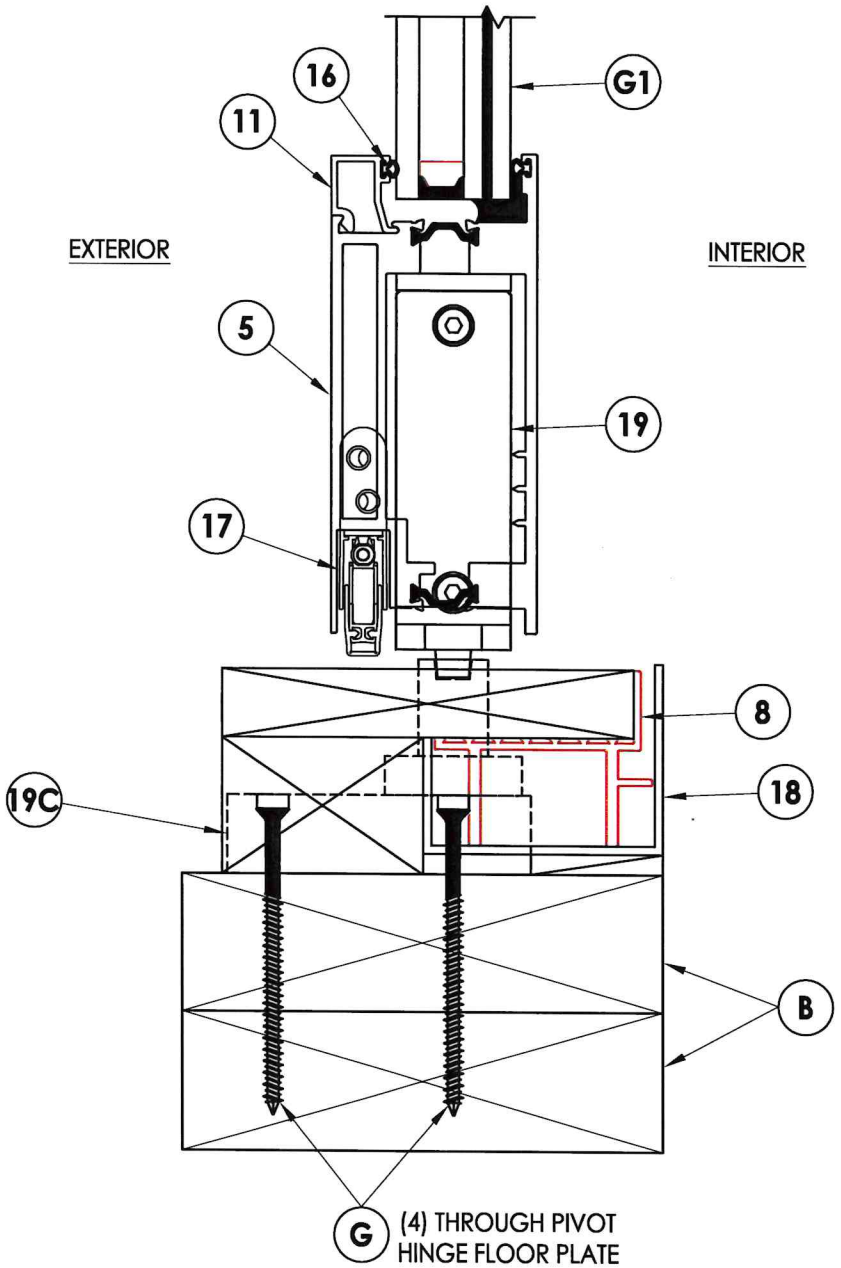
PART OR ASSEMBLY: VERTICAL CROSS SECTION

NO.	DATE	BY

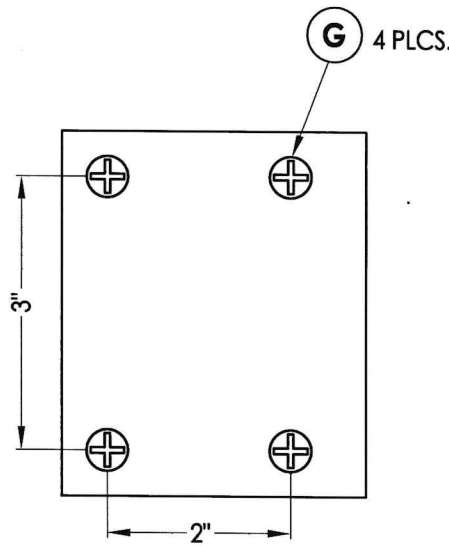
REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 5 OF 10



1/6 **VERTICAL CROSS SECTION**



PIVOT HINGE FLOOR PLATE PLAN VIEW

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

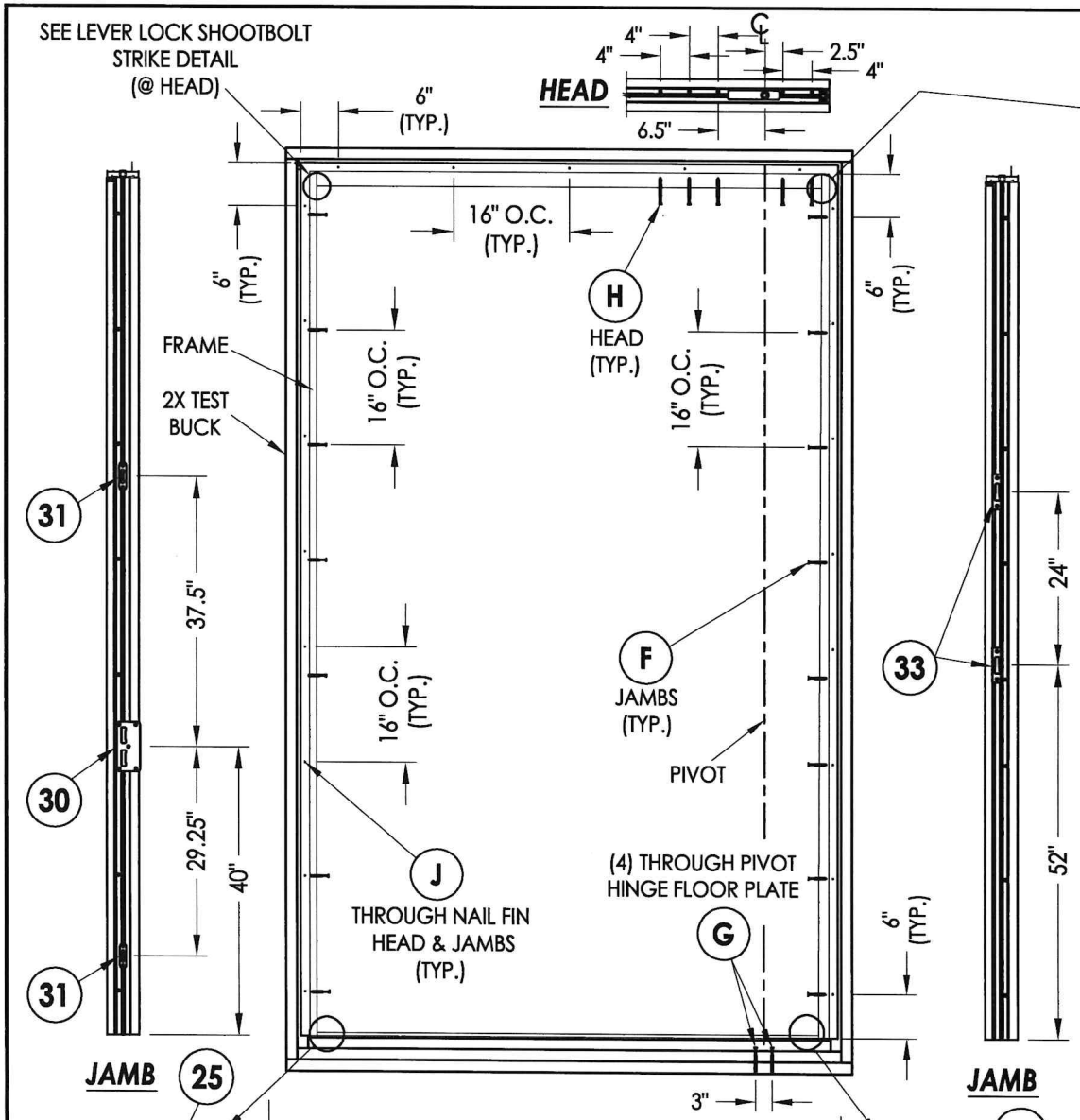
PRODUCT: FLEETWOOD SPEC. 6, 6a

PART OR ASSEMBLY: VERTICAL CROSS SECTION

NO.	DATE	BY	REVISIONS

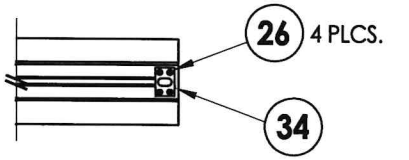
RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 6 OF 10

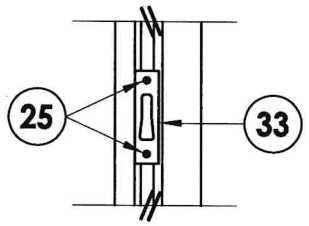


FRAME ANCHORING
2X TEST BUCK

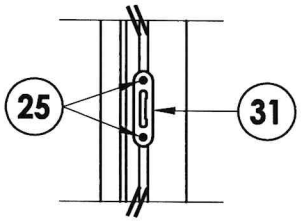
Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW



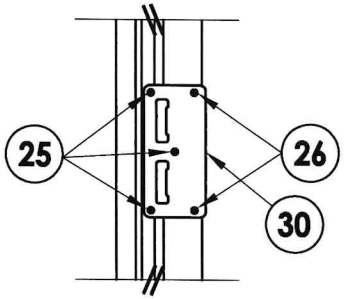
LEVER LOCK SHOOTBOLT STRIKE DETAILS
(@ HEAD)



ROTATING LOCK TONGUE STRIKE DETAIL



LEVER LOCK TONGUE STRIKE DETAIL



LEVER LOCK LATCH & DEADBOLT STRIKE DETAIL

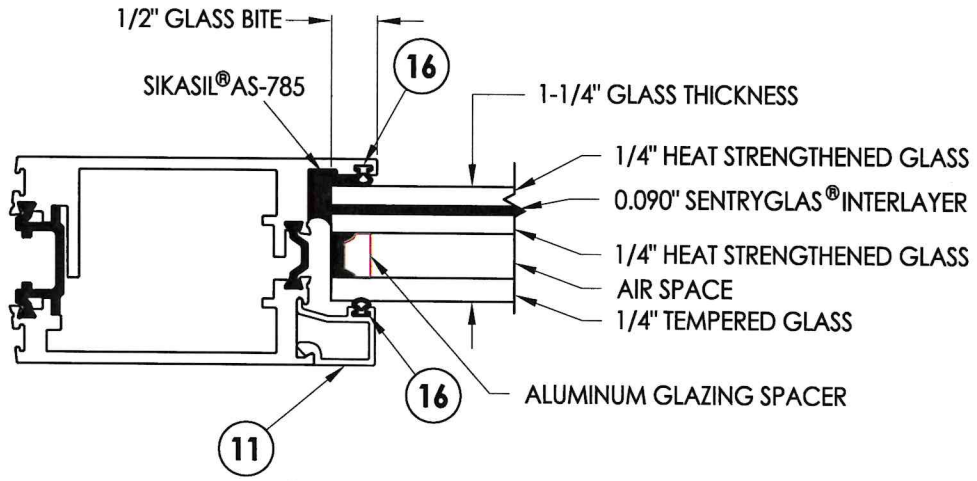
PRODUCT: FLEETWOOD SPEC. 6, 6a

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 7 OF 10



G1 GLAZING DETAIL

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

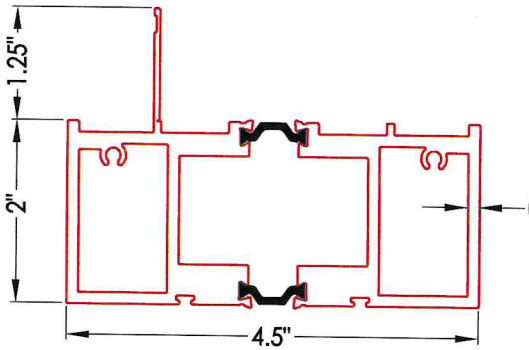
PRODUCT: FLEETWOOD SPEC. 6, 6a

PART OR ASSEMBLY: GLAZING DETAILS

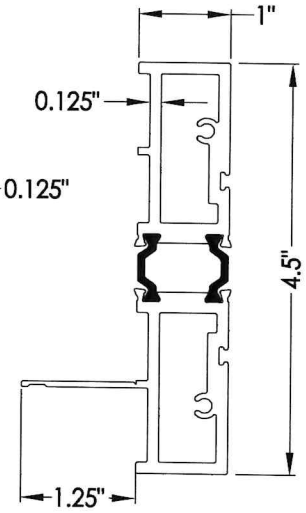
NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

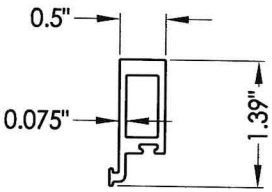
DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 8 OF 10



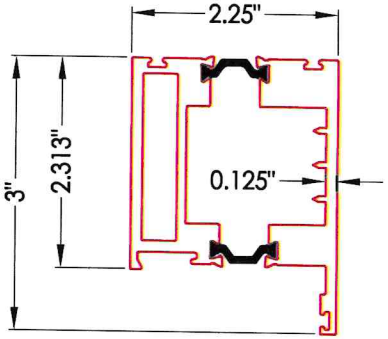
1 HEAD



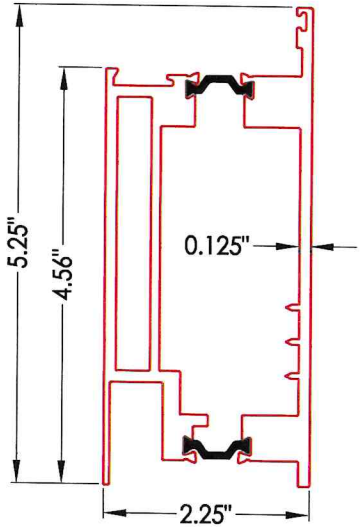
2 JAMB



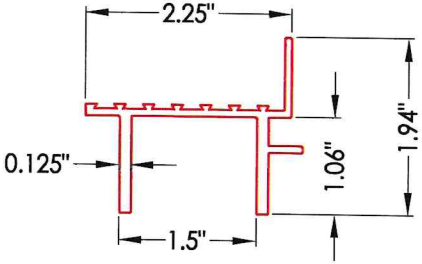
3 PANEL STOP



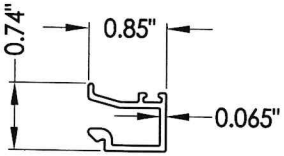
4 TOP RAIL



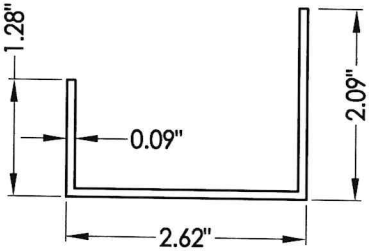
5 BOTTOM RAIL



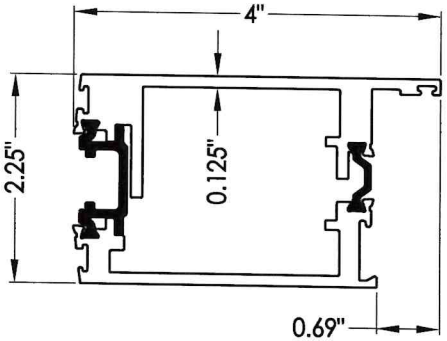
8 SUB SILL



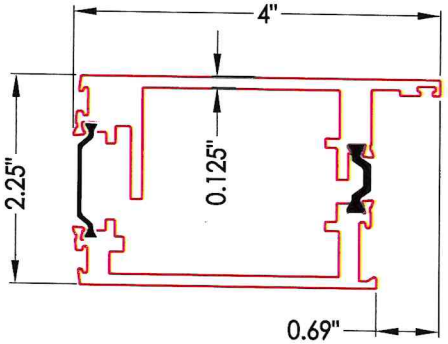
11 GLASS STOP 1-1/4"



18 SILL PAN



6 MULTI-POINT LOCK STILE



7 ARCHETYPE LOCK STILE

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 6, 6a

PART OR ASSEMBLY: COMPONENTS

NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: L-9496
SHEET 9 OF 10

BILL OF MATERIALS

M	DESCRIPTION	MATERIAL
B	2X TEST BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2-1/2" PFH WOOD SCREW	STEEL
G	1/4" Ø X 3-1/4" PFH ITW BUILDEX CONCRETE SCREW	STEEL
H	#10 X 3-1/2" PFH WOOD SCREW	STEEL
J	#8 X 1-1/2" PPH SMS	STEEL
1	HEAD	6063-T6 ALUM
2	JAMB	6063-T6 ALUM
3	PANEL STOP	6063-T6 ALUM
4	TOP RAIL	6063-T6 ALUM
5	BOTTOM RAIL	6063-T6 ALUM
6	MULTI-POINT LOCK STILE	6063-T6 ALUM
7	ARCHETYPE LOCK STILE	6063-T6 ALUM
8	SUB SILL	6063-T6 ALUM
11	GLASS STOP (1-1/4")	6063-T6 ALUM
12	FIN SEAL MOHAIR - AMESBURY	MOHAIR
16	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	VINYL
17	DROP DOWN SEAL	-
18	SILL PAN	-
19	FRITSJURGENS SYSTEM M PIVOT HINGE	-
19A	PIVOT HINGE CEILING PLATE	-
19B	PIVOT HINGE TOP PIVOT	-
19C	PIVOT HINGE FLOOR PLATE	-
21	MANUAL ROTATING LOCK (2 PT. TONGUE)	-
22	DUAL POINT LEVER ACTIVATED MANUAL LOCK (2 PT. SHOOTBOLTS)	-
23	MULTI-POINT MANUAL LEVER LOCK (3 PT.)	-
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 1/2" PFH SMS	STEEL
27	#8 X 1" PFH SMS	STEEL
30	LEVER LOCK LATCH & DEADBOLT STRIKE PLATE	STEEL
31	LEVER LOCK TONGUE STRIKE PLATE	STEEL
33	ROTATING LOCK TONGUE STRIKE PLATE	STEEL
34	DUAL POINT SHOOTBOLT STRIKE PLATE	STEEL

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993412
Date 12/14/2021 Verified by VKW

PRODUCT: FLEETWOOD SPEC. 6, 6a

PART OR ASSEMBLY: BILL OF MATERIALS

NO.	DATE	BY

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
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DRAWING NO.: L-9496
SHEET 10 OF 10