

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**

Report No:

TEL 01993414

Test Dates:

November 2-8, 2021

Report Date: December 14, 2021

Issued to:

Fleetwood Windows and Doors One 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.

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

Test Specimen Description:

Series / Model:

IAS Lab Accreditation Number: TL-299

4400-T Pivot Door

Type:

Aluminum Pivot Door - X

Overall Size:

96.00" x 144.00" - Specimen 1

72.00" x 120.00" - Specimens 5, 5a, 5b, 5c, 6, 6a

Daylight Opening:

85.75" x 133.125" - Specimen 1

61.75" x 109.125" - Specimens 5, 5a, 5b, 5c, 6, 6a

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.

STRUCTURAL TESTS (TAS 202)

Specimen 1 – 96.0" x 140.0" Aluminum Pivot Door (X)

Air Infiltration (ASTM E283-04)	Pressure	SCFM/Ft^2	Result
	1.57 PSF	0.289	Pass
NAVA A STATE OF A CTA A COOL	D	Time a	Danish
Water Infiltration (ASTM E331-00)	Pressure	Time	Result
	3.00 PSF	15.0 Min.	Pass

STRUCTURAL TESTS (TAS 202)

Specimen 5 - 72.0" x 120.0" Aluminum Pivot Door (X)

Design Pressure Positive 60.0 Negative 65.0

Air Infiltration (ASTM E283-04)

See Specimen 1 for these results.

Note: 75 MPH Load applied with primary lock engaged only.

Structural Loads (ASTM E330-02)

Range	Time (sec)	Load (psf)
Half Test Positive	30	30.00
Design Positive	30	60.00
Half Test Negative	30	32.50
Design Negative	30	65.00

Water Infiltration (ASTM E331-00)

See Specimen 1 for these results.

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

Structural Loads (ASTM E330-02)

Range	Time (sec)	Load Lo (psf)	ocation	Deflection	Set Allowa	ble (Set)
Half Proof Positive Test Positive	10 30	45.00 90.00	1	0.084"	0.004"	0.240''
Half Proof Negative Test Negative	10 30	48.75 97.50	1	0.019''	0.002"	0.240"

Deflection Locations:

Deflection/Set for Location 1 measured at center between deadbolt and flip bolt at latch stile.

Forced Entry 300 lbs in direction to open - 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 6 – 72.0" x 120.0" Aluminum Pivot Door (X)

Design Pressure

Positive 55.0

Negative 55.0

Air Infiltration (ASTM E283-04)

See Specimen 1 for these results.

Note: 75 MPH Load applied with primary lock engaged only.

Structural Loads (ASTM E330-02)

Range	Time (sec)	Load (psf)
Half Test Positive	30	27.50
Design Positive	30	55.00
Half Test Negative	30	27.50
Design Negative	30	55.00

Water Infiltration (ASTM E331-00)

See Specimen 1 for these results.

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

Structural Loads (ASTM E330-02)

Range	Time (sec)	Load (psf)	Location	Deflection	Set	Allowable (Set)
Half Proof Positive Test Positive	10 30	41.25 82.50	1	0.254"	0.022	" 0.240"
Half Proof Negative Test Negative	10 30	41.25 82.50	1	0.323"	0.008'	" 0.240"

Deflection Locations:

Deflection/Set for Location 1 measured at center between pivot and corner of door at bottom rail.

Forced Entry 300 lbs in direction to open - 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

Specimen 5a – 72.0" x 120.0" Aluminum Pivot Door (X)

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

Cond. Temp	Missile	Missile	Missile	Muzzle Distance
Of Specimen	Level	Weight	Length	From Specimen
75°F	D	8.0 lbs, 14 oz	7'-10"	

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	35.00"	58.00"	50.1 fps
2	Pass	60.00"	12.50"	49.7 fps

Orientation of Missile at Impact was within +/-5° of horizontal.

None of the impacts penetrated the specimens.

TAS 201 and 203 – Fatigue Load Cycling Design Pressure +60.0 psf / -65.0 psf

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
20% to 50%	12.0 to 30.0	3500	1.34
0% to 60%	0.0 to 36.0	300	2.51
50% to 80%	30.0 to 48.0	600	1.45
30% to 100%*	18.0 to 60.0	100	2.38

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	19.5 to 65.0	50	2.09
50% to 80%	32.5 to 52.0	1050	1.30
0% to 60%	0.0 to 39.0	50	1.71
20% to 50%	13.0 to 32.5	3350	2.00

^{*}Panel deflected 3.63" from original plane at 100% Positive load and 4.25" 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

[&]quot;X" measurement is from the left edge of test specimen.

[&]quot;Y" measurement is from the bottom edge of test specimen.

Specimen 5b - 72.0" x 120.0" Aluminum Pivot Door (X)

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

Cond. Temp	Missile	Missile	Missile	Muzzle Distance
Of Specimen	Level	Weight	Length	From Specimen
75°F	D	8.0 lbs, 14 oz	7'-10"	17'2"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	36.00"	60.00"	50.0 fps
2	Pass	59.50"	12.00"	49.4 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.

Design Pressure +60.0 psf / -65.0 psf TAS 201 and 203- Fatigue Load Cycling

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
20% to 50%	12.0 to 30.0	3500	1.60
0% to 60%	0.0 to 36.0	300	1.79
50% to 80%	30.0 to 48.0	600	1.23
30% to 100%*	18.0 to 60.0	100	1.41

Negative % of Test Load			Average Cycle Time (Sec)
30% to 100%*	19.5 to 65.0	50	2.46
50% to 80%	32.5 to 52.0	1050	1.20
0% to 60%	0.0 to 39.0	50	2.88
20% to 50%	13.0 to 32.5	3350	1.34

^{*}Panel deflected 3.88" from original plane at 100% Positive load and 3.50" 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

Specimen 5c - 72.0" x 120.0" Aluminum Pivot Door (X)

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

Cond. Temp	Missile	Missile	Missile	Muzzle Distance
Of Specimen	Level	Weight	Length	From Specimen
75°F	D	8.0 lbs, 14 oz	7'-10"	

Impact Location	Results	X - Measurement Y - Measurement		Speed	
1	Pass	36.00"	60.00"	50.1 fps	
2	Pass	12.00"	108.00"	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 +60.0 psf / -65.0 psf

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)		
20% to 50%	12.0 to 30.0	3500	1.38		
0% to 60%	0.0 to 36.0	300	2.30		
50% to 80%	30.0 to 48.0	600	1.37		
30% to 100%*	18.0 to 60.0	100	1.52		

Negative % of Test Load			Average Cycle Time (Sec)	
30% to 100%*	19.5 to 65.0	50	2.29	
50% to 80%	32.5 to 52.0	1050	1.16	
0% to 60%	0.0 to 39.0	50	2.95	
20% to 50%	13.0 to 32.5	3350	1.50	

^{*}Panel deflected 3.50" from original plane at 100% Positive load and 4.13" 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

Specimen 6a - 72.0" x 120.0" Aluminum Pivot Door (X)

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

Cond. Temp	Missile	Missile	Missile	Muzzle Distance
Of Specimen	Level	Weight	Length	From Specimen
75°F	D	8.0 lbs, 14 oz	7'-10"	

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	36.25"	61.00"	49.8 fps
2	Pass	60.50"	11.75"	50.0 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 +60.0 psf / -65.0 psf

Positive % of Test Load	Positive Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
20% to 50%	12.0 to 30.0	3500	1.45
0% to 60%	0.0 to 36.0	300	2.45
50% to 80%	30.0 to 48.0	600	1.61
30% to 100%*	18.0 to 60.0	100	1.85

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	19.5 to 65.0	50	2.00
50% to 80%	32.5 to 52.0	1050	1.15
0% to 60%	0.0 to 39.0	50	2.25
20% to 50%	13.0 to 32.5	3350	1.32

^{*}Panel deflected 3.88" 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

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 <u>Has Been</u> 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 <u>"Are Equivalent"</u>.

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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Testing Evaluation Laboratories, Inc.

Clevian K. Wright,

President

William B. Shelton, P.E.

Florida P.E. # 26686

Revision Log

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

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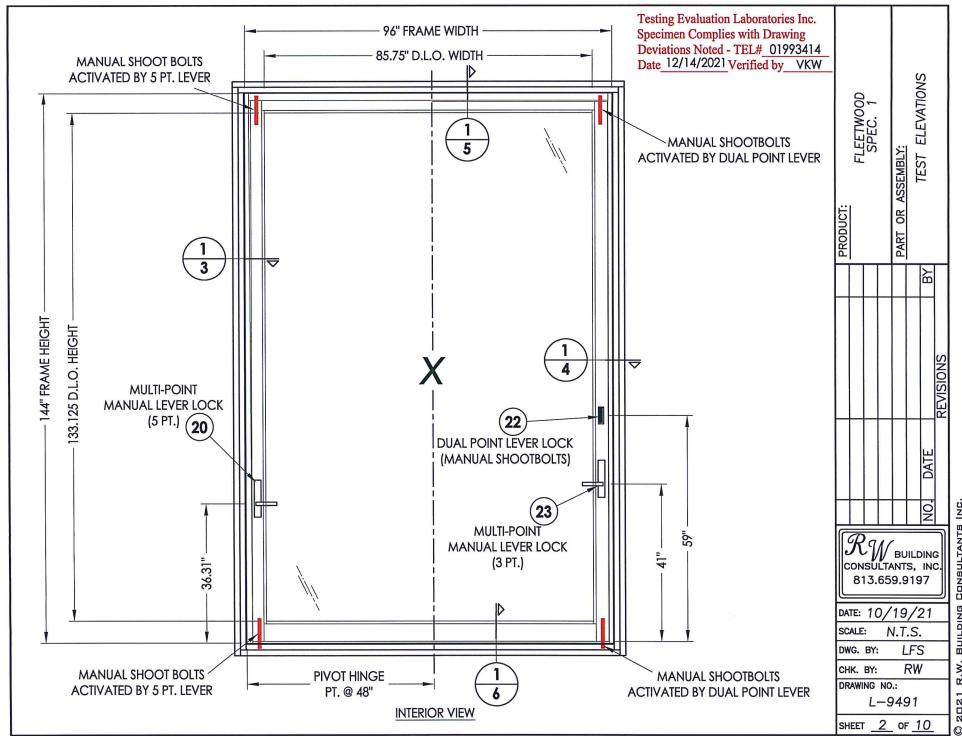
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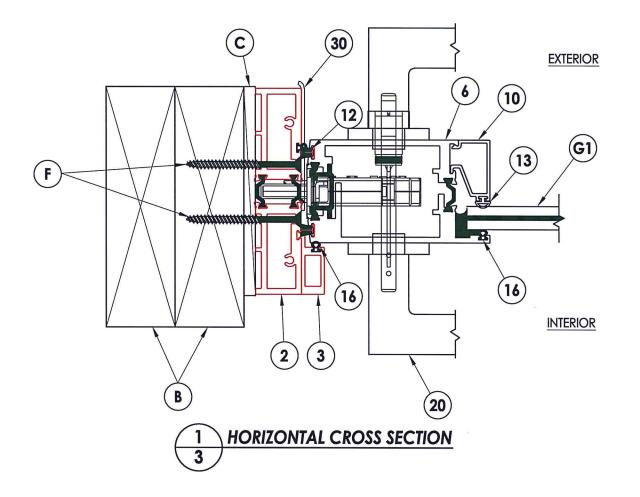
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CHK. BY: RW
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L-9491

SHEET _ 1 OF _ 10





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Specimen Complies with Drawing
Deviations Noted - TEL# 01993414
Date 12/14/2021 Verified by VKW

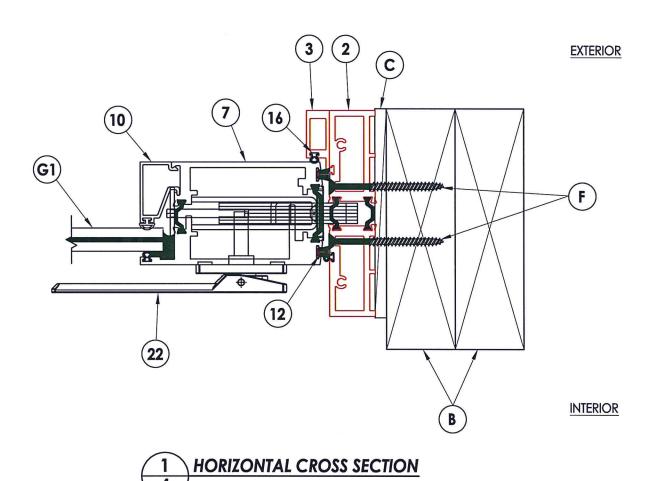
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SHEET 3 OF 10

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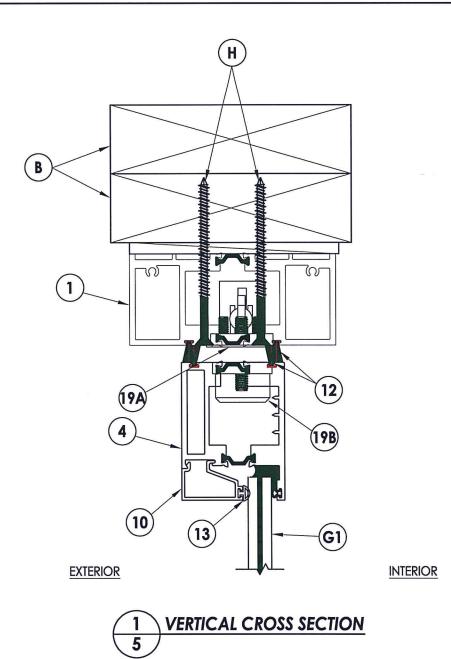
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Date 12/14/2021 Verified by VKW

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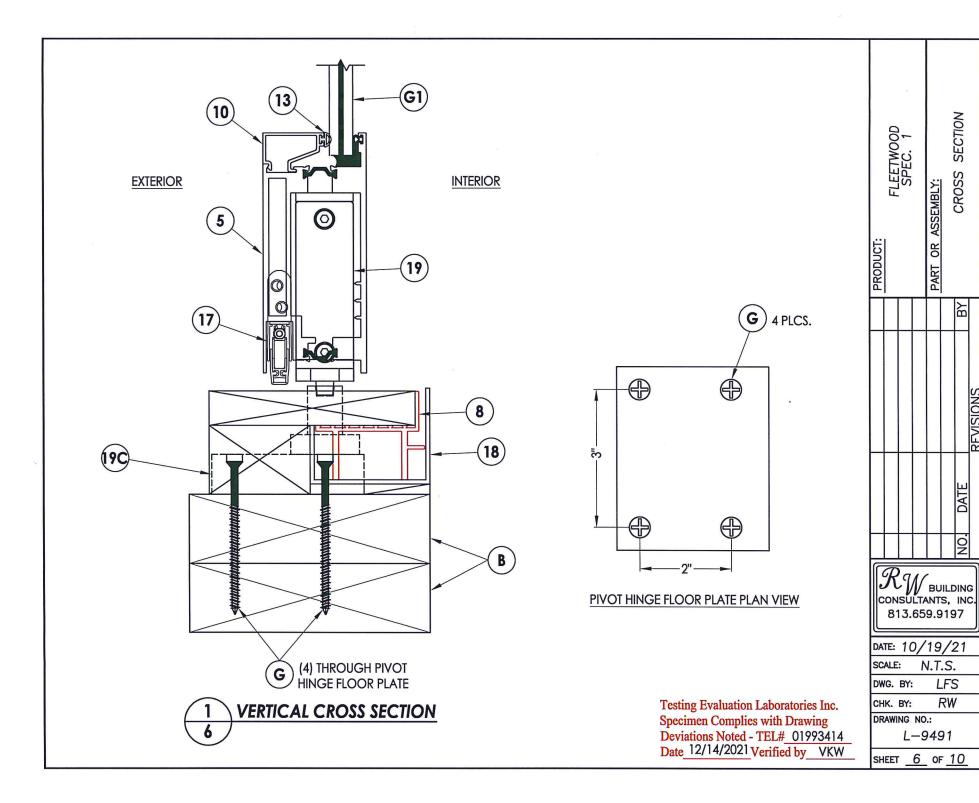
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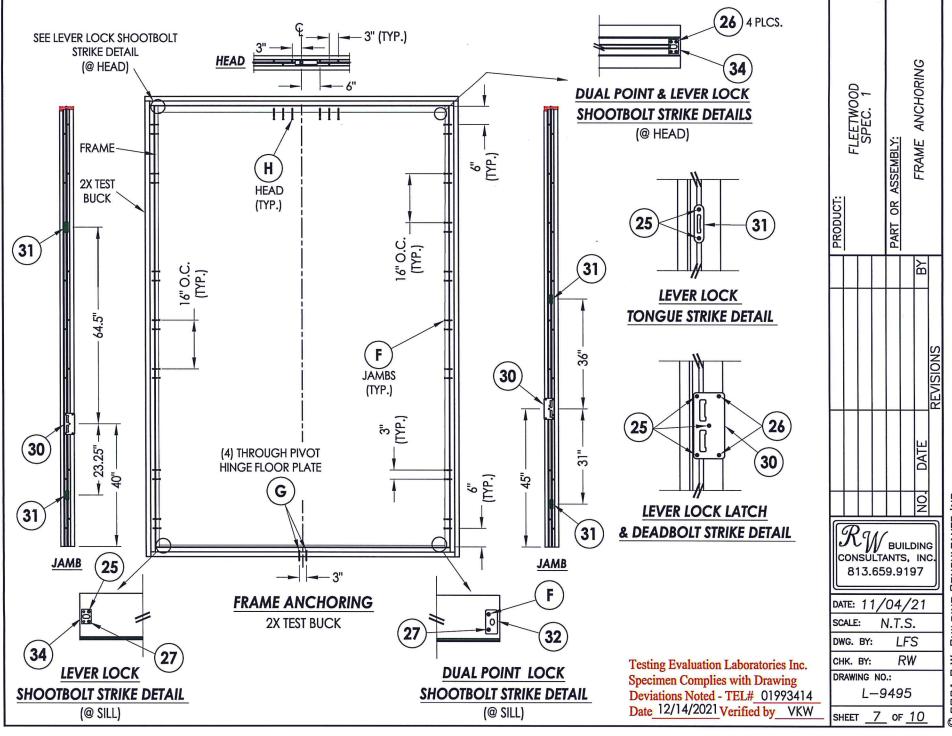
L-9491 SHEET 4 OF 10 W 0 100



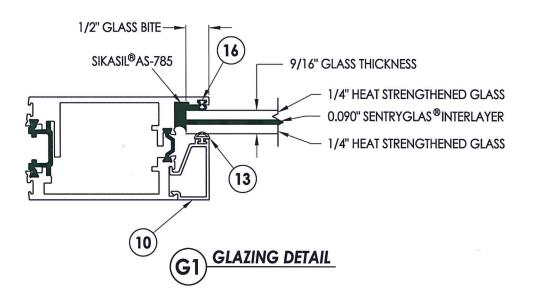
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GLAZING DETAILS FLEETWOOD SPEC. 1 PART OR ASSEMBLY: 图

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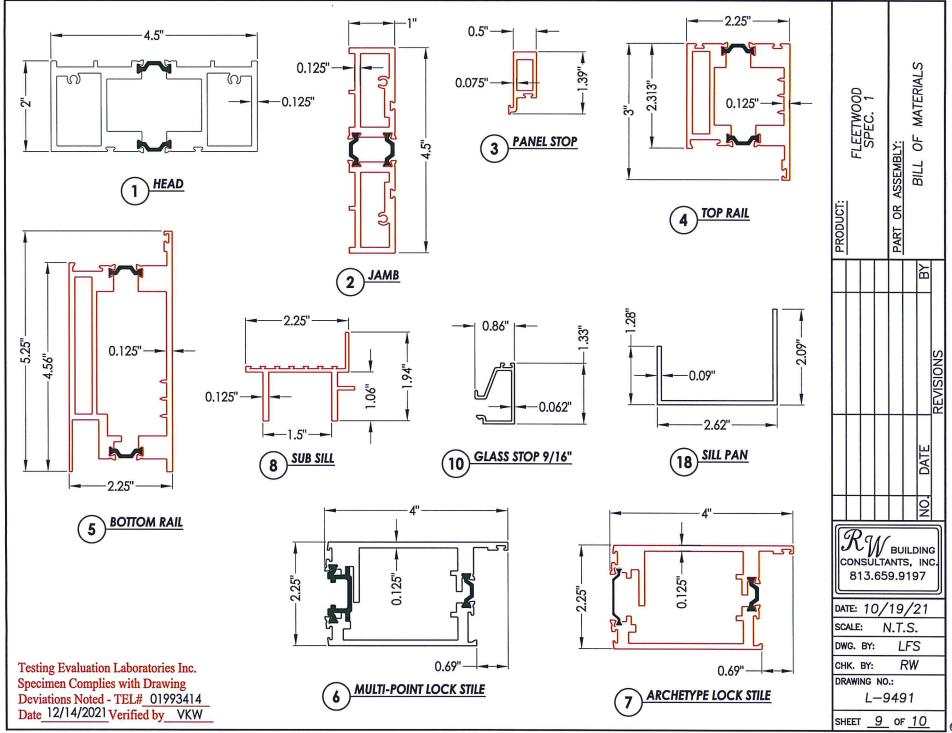
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	BILL OF MATERIALS							
ПЕМ#	DESCRIPTION	MATERIAL						
В	2X TEST BUCK (SG >= 0.55)	WOOD						
С	1/4" MAX. SHIM SPACE	-						
F	#10 X 2-1/2" PFH WOOD SCREW	STEEL						
G	1/4" Ø X 3-1/4" PFH ITW BUILDEX CONCRETE SCREW	STEEL						
Н	#10 X 3-1/2" PFH 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 LARGE BULB VINYL (EPDM 70 DUROMETER) - TREMCO	MOHAIR						
16	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	VINYL						
17	DROP DOWN SEAL	VINTL -						
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						

PRODUCT: FLEETWOOD SPEC. 1 SPEC. 1 BY BY BILL OF MATERIALS & GLAZING DETAILS								
REVISIONS								
	DATE							
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DATE: 10/19/21 SCALE: N.T.S.								
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50 CONTENTS 0F ASSEMBLY: TABLE PART OR PRODUCT: BY

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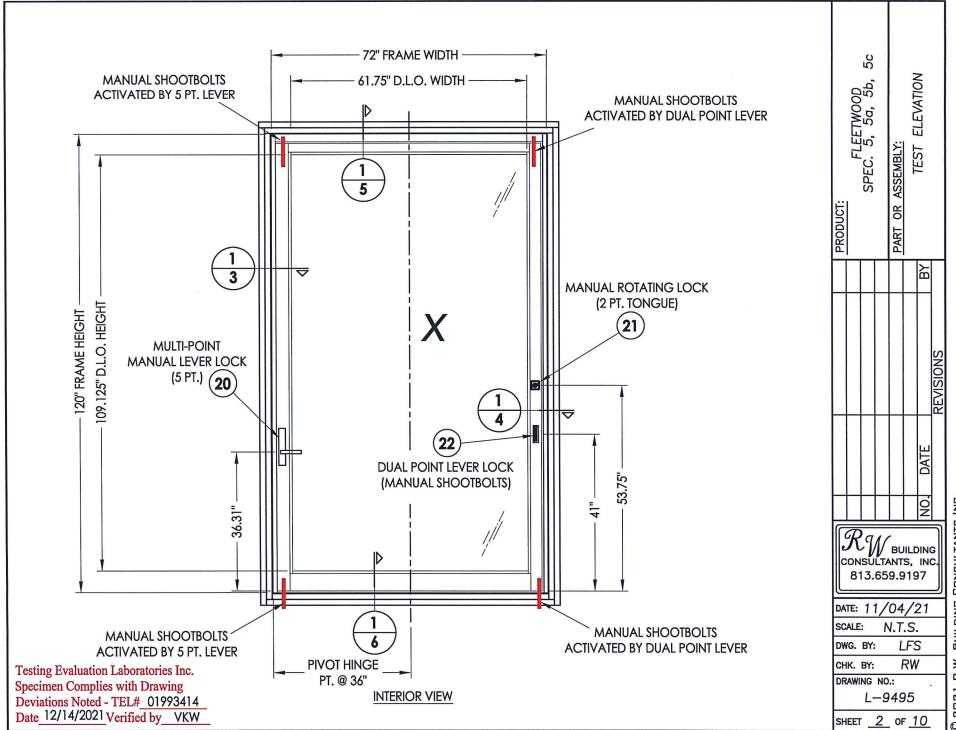
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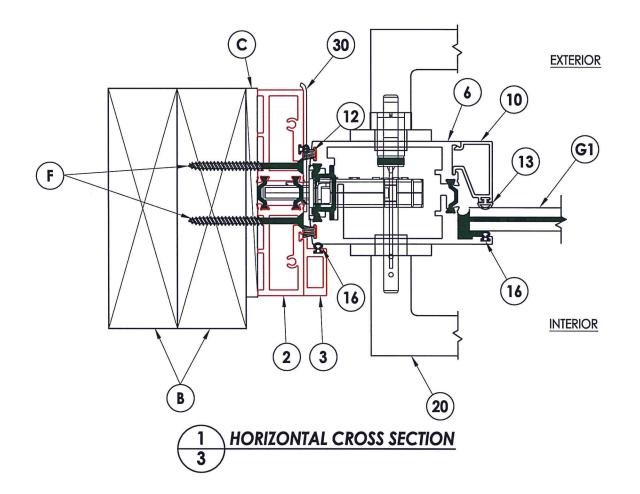
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L—9495

SHEET 1 OF 10





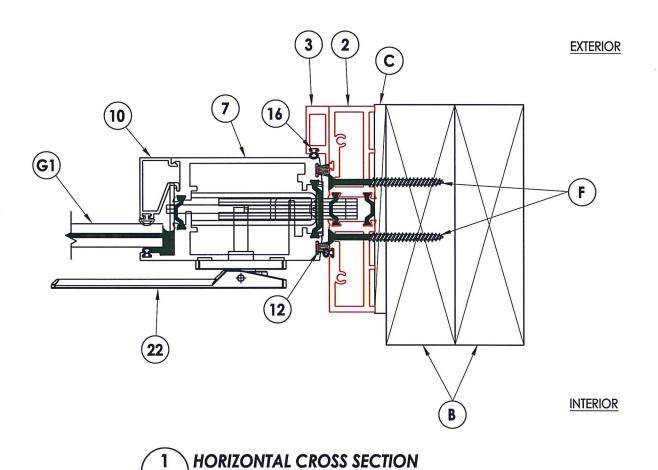
Testing Evaluation Laboratories Inc. Specimen Complies with Drawing
Deviations Noted - TEL# 01993414
Date 12/14/2021 Verified by VKW

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SHEET 3 OF 10



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Specimen Complies with Drawing
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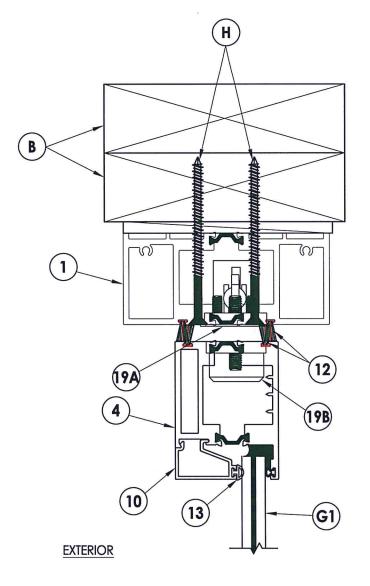
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L-9495

SHEET 4 OF 10

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INTERIOR

VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc. Specimen Complies with Drawing
Deviations Noted - TEL#_01993414
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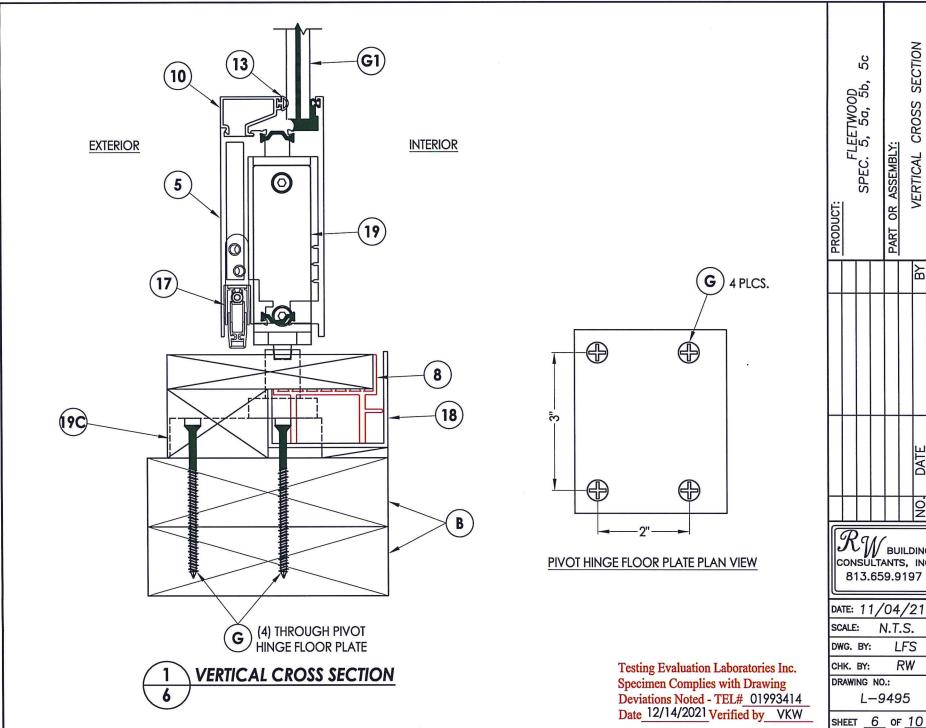
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SHEET <u>5</u> OF <u>10</u>



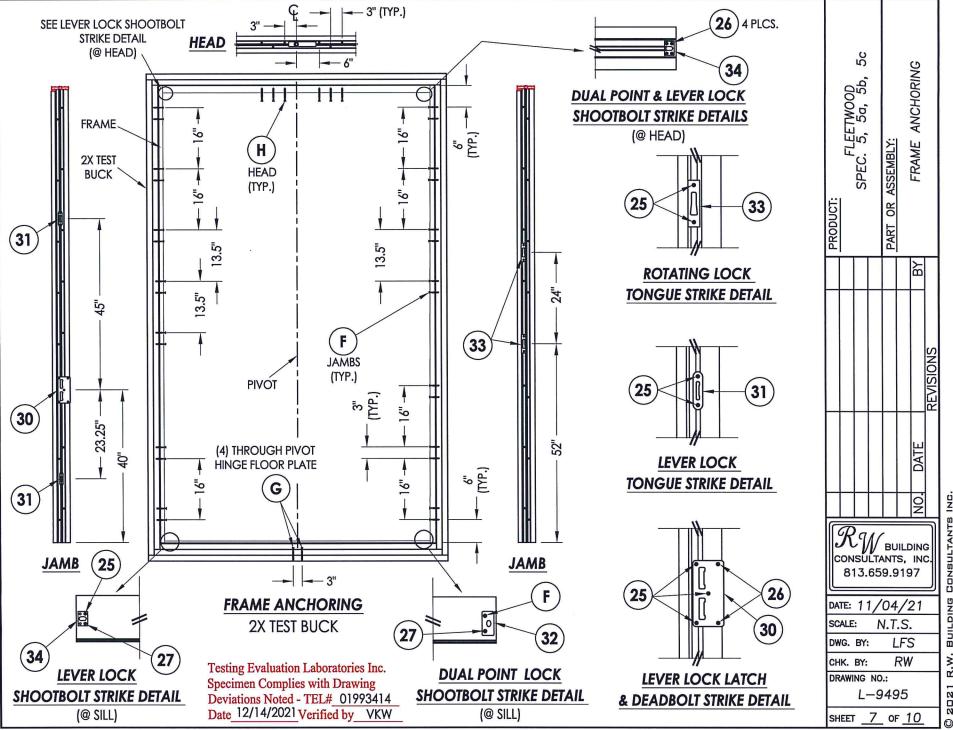
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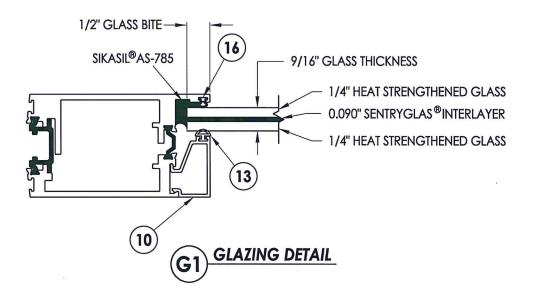
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CHK. BY:

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5c

FLEETWOOD SPEC. 5, 5a, 5b,

PRODUCT:

GLAZING DETAILS

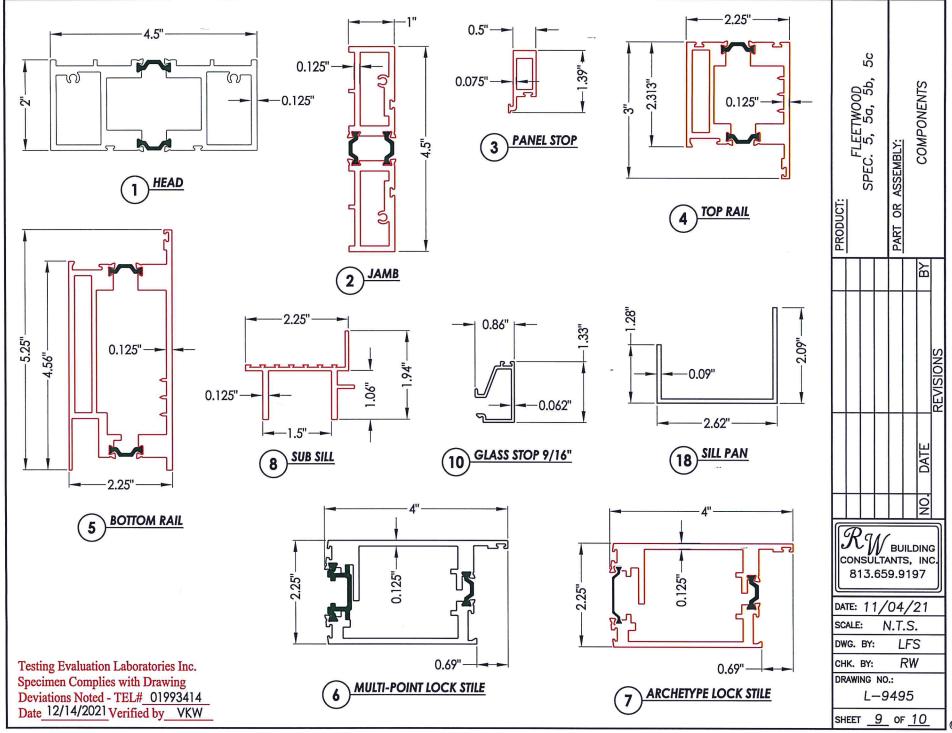
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REVISIONS

PART OR ASSEMBLY:

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL# 01993414
Date 12/14/2021 Verified by VKW

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	BILL OF MATERIALS							
M	DESCRIPTION	MATERIAL						
В	2X TEST BUCK (SG >= 0.55)	WOOD						
С	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						

PRODUCT:		SPEC. 5, 5a, 5b, 5c		PART OR ASSEMBLY:		BILL OF MATERIALS		
						BY		
							REVISIONS	
). DATE		
($\mathcal{R}_{BUILDING}$							

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

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	Glazing Details					
9	Components					
10	Bill of Materials					

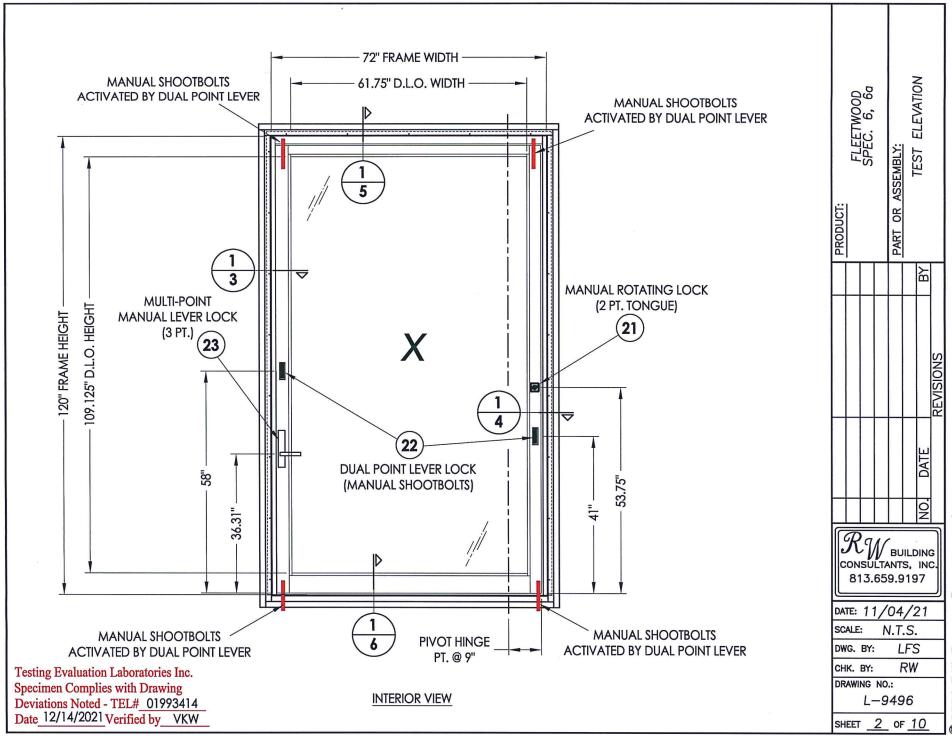
Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL#_01993414
Date_12/14/2021 Verified by VKW

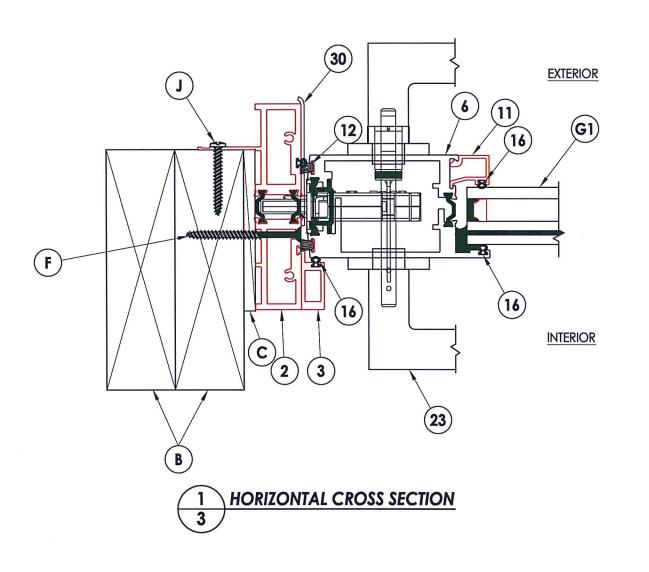
PRODUCT:		SPEC. 6, 6a	PART OR ASSEMBLY:	STINITINOS TO TIGAT	ABLE OF CONTENTS				
						BY			
							REVISIONS		
). DATE			
٦	RW								

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

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SECTION FLEETWOOD SPEC. 6, 6a CROSS PART OR ASSEMBLY: HORIZONTAL PRODUCT: BY DATE NO. 813.659.9197

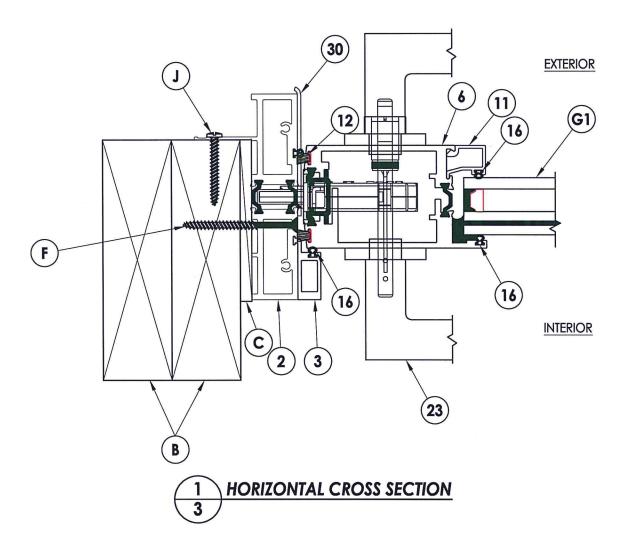
DATE: 11/04/21 SCALE: N.T.S. DWG. BY: **LFS** RW CHK. BY: DRAWING NO .:

BUILDING

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L-9496

SHEET <u>3</u> OF <u>10</u>



SECTION CROSS PART OR ASSEMBLY: HORIZONTAL PRODUCT: BY REVISIONS 8

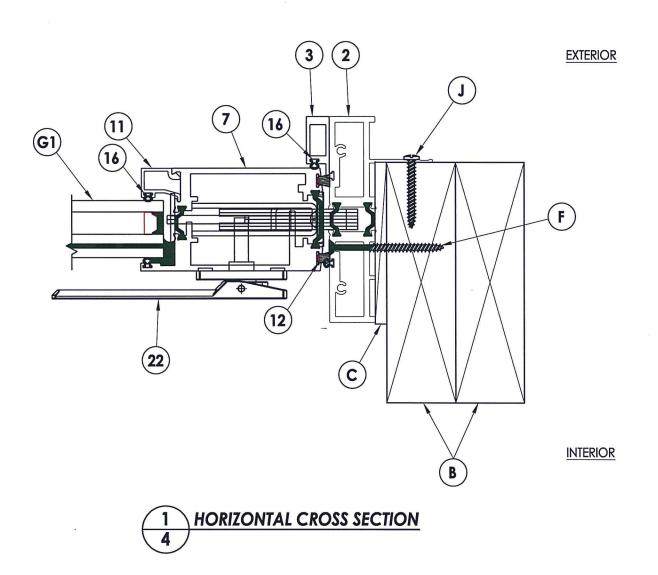
RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.:
L—9496

SHEET 3 OF 10

Testing Evaluation Laboratories Inc.
Specimen Complies with Drawing
Deviations Noted - TEL#_01993414
Date_12/14/2021 Verified by VKW

CZ 1 R.W. BUILDING CONSULTANTS INC



CROSS SECTION HORIZONTAL PART OR ASSEMBLY: PRODUCT: BY $\mathcal{R}_{\mathbb{B}^{\mathrm{UILDING}}}$ consultants, inc. 813.659.9197 DATE: 11/04/21

BUILDING

N.T.S.

L-9496 SHEET _4_ OF _10

LFS

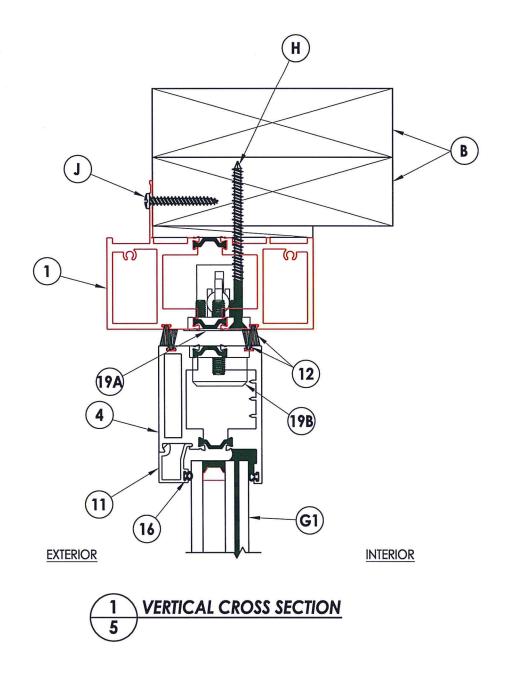
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SCALE:

DWG. BY:

CHK. BY:

DRAWING NO.:



RW BUILDING CONSULTANTS, INC.

SECTION

CROSS

OR ASSEMBLY: VERTICAL

PART

DATE: 11/04/21 SCALE: N.T.S.

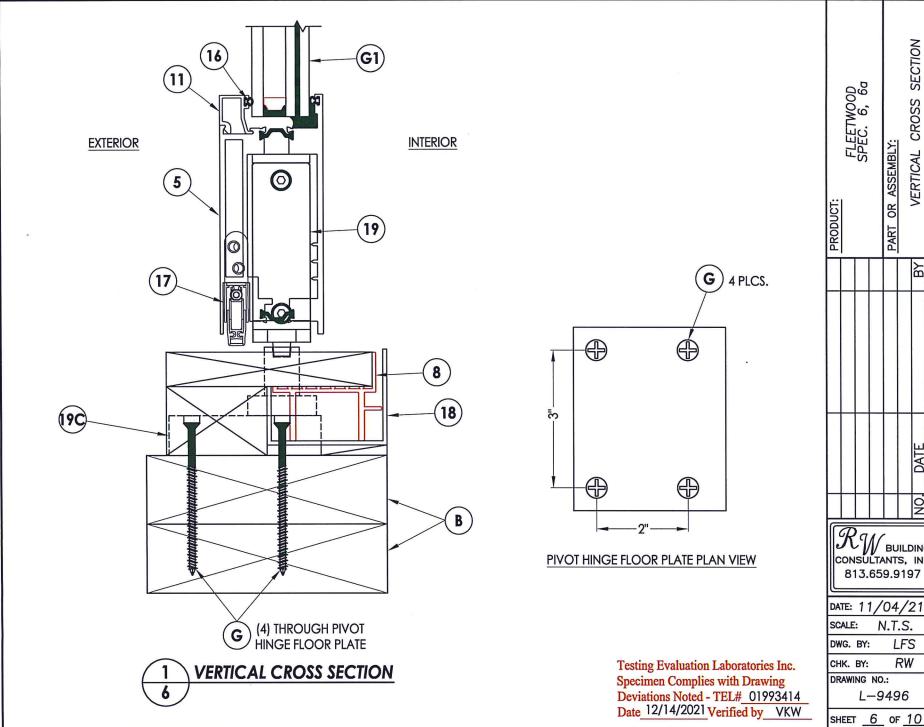
813.659.9197

DWG. BY: LFS RW CHK. BY:

DRAWING NO .:

L-9496

SHEET <u>5</u> OF <u>10</u>



NO. RW BUILDING CONSULTANTS, INC. 813.659.9197 DATE: 11/04/21 N.T.S. LFS

RW

SECTION

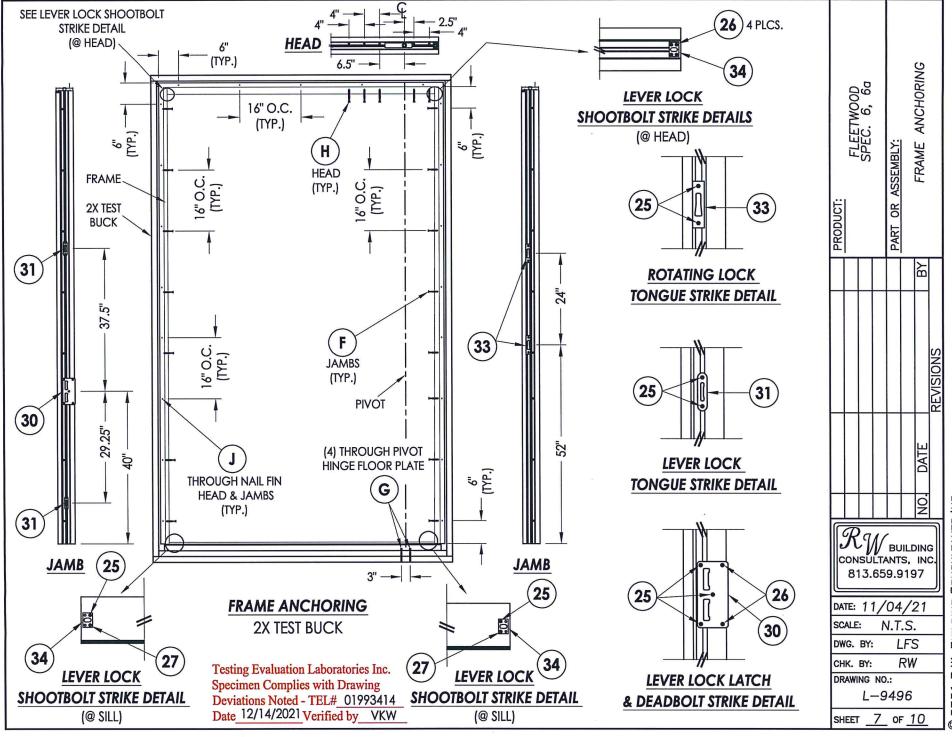
CROSS

VERTICAL

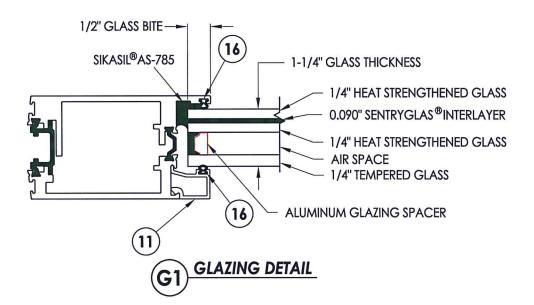
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PART OR ASSEMBLY:



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GLAZING DETAILS FLEETWOOD SPEC. 6, 6a PART OR ASSEMBLY: PRODUCT: BY REVISIONS

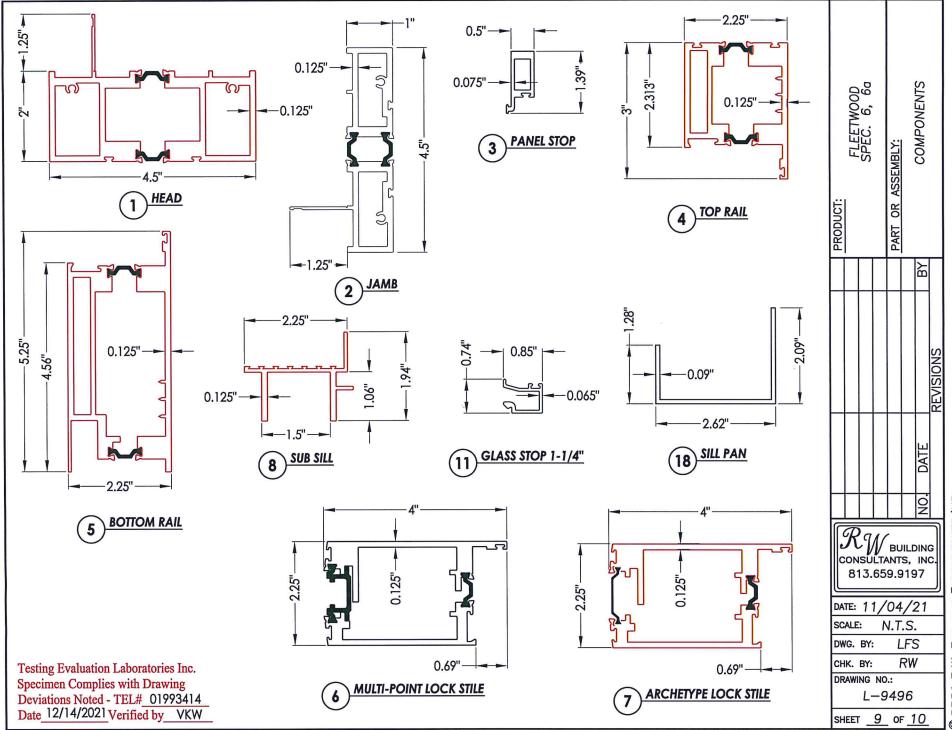
RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 11/04/21
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW

DRAWING NO.:

L-9496

SHEET <u>8</u> OF <u>10</u>



BUILDING ₽.₩.

BILL OF MATERIALS							
M	DESCRIPTION	MATERIAL					
В	2X TEST BUCK (SG >= 0.55)	WOOD					
С	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					
Н	#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					

SNOISING NO.: L—9496 SHEET 10 OF 10		PRODUCT: FLEETWOOD SPEC. 6, 6a				PART OR ASSEMBLY: BILL OF MATERIALS				
DATE: 11/04/21 SCALE: N.T.S. DWG. BY: LFS CHK. BY: RW DRAWING NO.: L-9496								BY		
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DWG. BY: LFS CHK. BY: RW DRAWING NO.: L—9496		CONSULTANTS, INC. 813.659.9197								CONSULTANTS
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DRAWING NO.: L-9496		SNOISING CONSULTANTS, INC. 813.659.9197 DATE: 11/04/21 SCALE: N.T.S. DWG. BY: LFS CHK. BY: RW DRAWING NO.: L-9496								
L-9496		DRAWING NO.:								×
SHEET 10 OF 10										-
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