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

ASTM E 1886-05 / ASTM E 1996-06
Missile Level "D" (Includes Wind Zone 4)

TEST REPORT SUMMARY

Test Report Issued To:

Fleetwood Windows and Doors
1 Fleetwood Way
Corona, CA 92879

NORWOOD 3070 SLIDING GLASS/POCKET DOORS

Title of Test	Results	
	Specimens 1, 2, 3 144.00 x 144.00 - OXX	Specimen 4 144.00 x 144.00 - XXX
Impact	Pass	Pass
Fatigue Load Cycling	+60.0/- 60.0 psf	+60.0/- 60.0 psf

Reference should be made to Report No. TEL 01991011 for complete test specimen description and data. For corresponding data regarding AAMA/WDMA/CSA 101/I.S./2/A440-08 *(A440S1-09)* reference should be made to Report No. TEL 01991010.

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

Report No: TEL 01991011
Test Dates: January 16. 2014 through February 6, 2014
Report Date: March 21, 2014

IAS Laboratory Certification No. – TL-299

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 Norwood 3070 Sliding Glass/Pocket 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:**

ASTM E 1886-05 / ASTM E 1996-06
Missile Level "D" (Includes Wind Zone 4)

Test Specimen Description:

Series / Model:	**Norwood 3070 Sliding Glass/Pocket Door**
Type:	**Aluminum Sliding Glass Doors**
Overall Size:	**144.00" x 144.00" – All Specimens**
Daylight Opening:	**43.50" x 135.50" – All Specimens (End Panels)** **43.38" x 135.50" – All Specimens (Center Panels)**
Glazing Detail:	**Laminated Monolithic Glass - (All Specimens)** **(See attached drawing 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-7110 and #L-7111.

IMPACT AND CYCLING TESTS

Specimen 1 – 144.0" x 144.0" Aluminum Sliding Glass Door (OXX)

ASTM E1886-05/1996-06 – Large Missile Impact (2 x 4 Southern Yellow Pine)

Cond. Temp Of Specimen	Missile Level	Missile Weight	Missile Length	Muzzle Distance From Specimen
75°F	D	9.0 lbs, 3 oz	8'-0"	17'0"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	133.0"	9.0"	49.8 fps
2	Pass	118.0"	72.0"	49.8 fps
3	Pass	95.0"	72.0"	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.				

ASTM E1886-05/1996-06– Fatigue Load Cycling **Design Pressure +60.0 psf / -60.0 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	1.97
0% to 60%	0.0 to 36.0	300	2.52
50% to 80%	30.0 to 48.0	600	1.36
30% to 100%*	18.0 to 60.0	100	3.00

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	18.0 to 60.0	50	2.87
50% to 80%	30.0 to 48.0	1050	2.03
0% to 60%	0.0 to 36.0	50	2.92
20% to 50%	12.0 to 30.0	3350	1.50
*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.			

Jarrett Wright and James Hayhurst, Test Technicians Mfg Observers – Joe Zammitt

IMPACT AND CYCLING TESTS

Specimen 2 – 144.0" x 144.0" Aluminum Sliding Glass Door (OXX)

ASTM E1886-05/1996-06 – 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, 3 oz	8'-0"	17'0"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	133.25"	8.75"	50.1 fps
2	Pass	118.25"	71.75"	50.2 fps
3	Pass	94.75"	72.0"	49.8 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.

ASTM E1886-05/1996-06– Fatigue Load Cycling **Design Pressure +60.0 psf / -60.0 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	2.58
0% to 60%	0.0 to 36.0	300	2.86
50% to 80%	30.0 to 48.0	600	2.01
30% to 100%*	18.0 to 60.0	100	2.75

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	18.0 to 60.0	50	2.98
50% to 80%	30.0 to 48.0	1050	1.48
0% to 60%	0.0 to 36.0	50	2.51
20% to 50%	12.0 to 30.0	3350	1.96

*Panel deflected 4.00" from original plane at 100% Positive load and 4.50" 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.

Jarrett Wright and James Hayhurst, Test Technicians Mfg Observers – Joe Zammitt

IMPACT AND CYCLING TESTS

Specimen 3 – 144.0" x 144.0" Aluminum Sliding Glass Door (OXX)

ASTM E1886-05/1996-06 – 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, 3 oz	8'-0"	17'0"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	27.0"	72.0"	50.2 fps
2	Pass	12.0"	131.0"	49.9 fps
3	Pass	117.0"	131.0"	50.0 fps
4	Pass	132.0"	73.0"	49.7 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.				

ASTM E1886-05/1996-06– Fatigue Load Cycling **Design Pressure +60.0 psf / -60.0 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	1.89
0% to 60%	0.0 to 36.0	300	2.52
50% to 80%	30.0 to 48.0	600	2.92
30% to 100%*	18.0 to 60.0	100	3.00

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	18.0 to 60.0	50	3.00
50% to 80%	30.0 to 48.0	1050	1.57
0% to 60%	0.0 to 36.0	50	2.81
20% to 50%	12.0 to 30.0	3350	1.93
*Panel deflected 3.38" 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.			

Jarrett Wright and James Hayhurst, Test Technicians Mfg Observers – Joe Zammitt

IMPACT AND CYCLING TESTS

Specimen 4 – 144.0" x 144.0" Aluminum Sliding Glass Door (XXX) (Tested with Pocket Interlocker)

ASTM E1886-05/1996-06 – Large Missile Impact (2 x 4 Southern Yellow Pine)

Cond. Temp Of Specimen	Missile Level	Missile Weight	Missile Length	Muzzle Distance From Specimen
75°F	D	9.0 lbs, 3 oz	8'-0"	17'0"

Impact Location	Results	X - Measurement	Y - Measurement	Speed
1	Pass	95.0"	72.0"	50.0 fps
2	Pass	133.0"	11.0"	49.8 fps
3	Pass	117.0"	72.0"	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.				

ASTM E1886-05/1996-06– Fatigue Load Cycling **Design Pressure +60.0 psf / -60.0 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	2.17
0% to 60%	0.0 to 36.0	300	2.01
50% to 80%	30.0 to 48.0	600	2.89
30% to 100%*	18.0 to 60.0	100	2.32

Negative % of Test Load	Negative Pressure Range (psf)	Number Of Cycles	Average Cycle Time (Sec)
30% to 100%*	18.0 to 60.0	50	2.04
50% to 80%	30.0 to 48.0	1050	2.14
0% to 60%	0.0 to 36.0	50	2.42
20% to 50%	12.0 to 30.0	3350	2.01
*Panel deflected 2.63" from original plane at 100% Positive load and 3.25" 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.			

Jarrett Wright and James Hayhurst, Test Technicians Mfg Observers – Joe Zammitt

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 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, 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,
President

Revision Log

Rev No.	Date	Page(s)	Revision(s)
0	3/21/2014	NA	Original Report Issue

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Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 81991011
Date 3/31/14 Verified by JW

PRODUCT: FLEETWOOD Norwood 3070 (OXX)

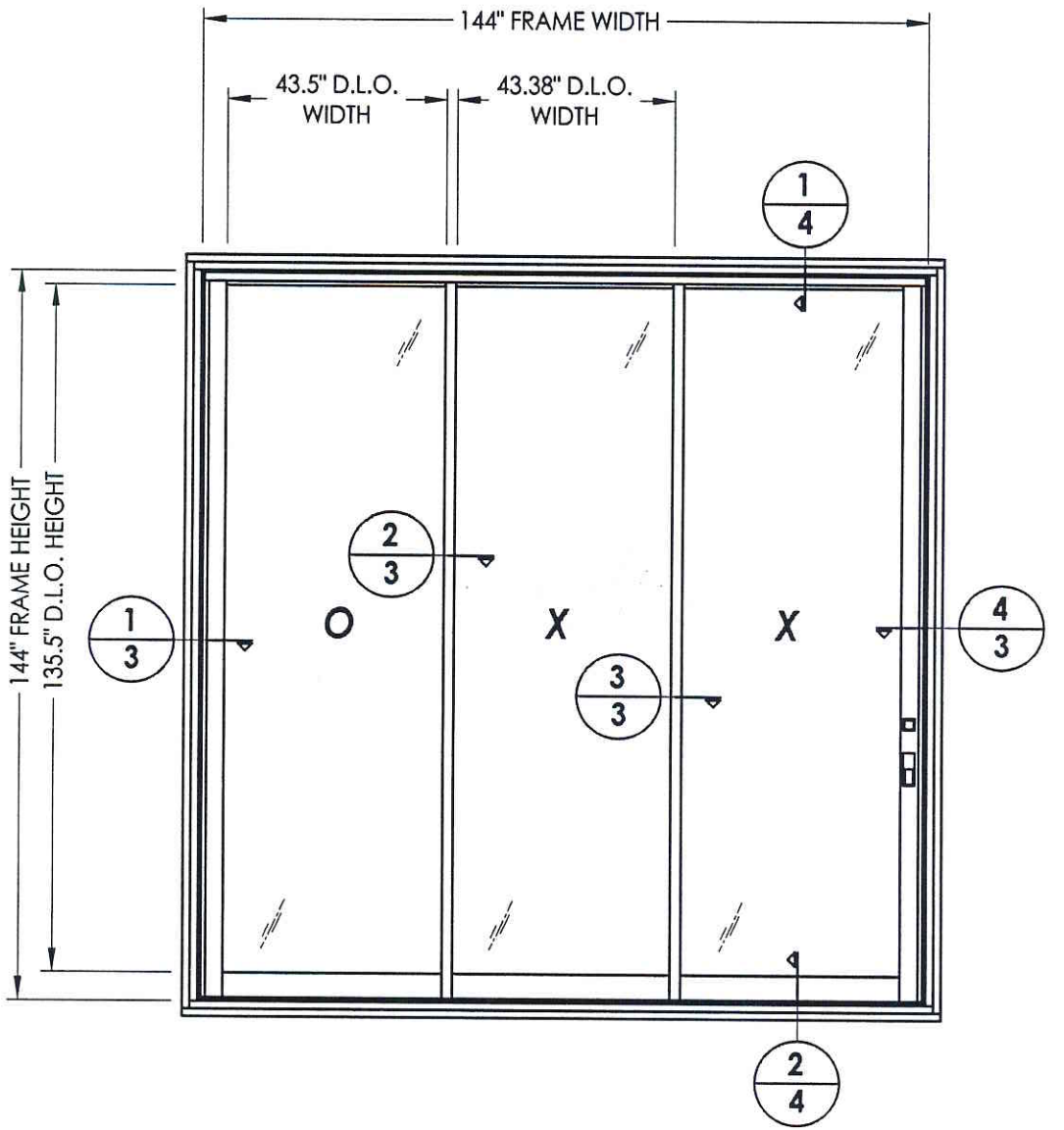
PART OR ASSEMBLY: TABLE OF CONTENTS

NO.	DATE	BY

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7110
SHEET 1 OF 7



Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted, TEL #0199.1911
Date 3/21/14 Verified by

PRODUCT: FLEETWOOD Norwood 3070 (OXX)

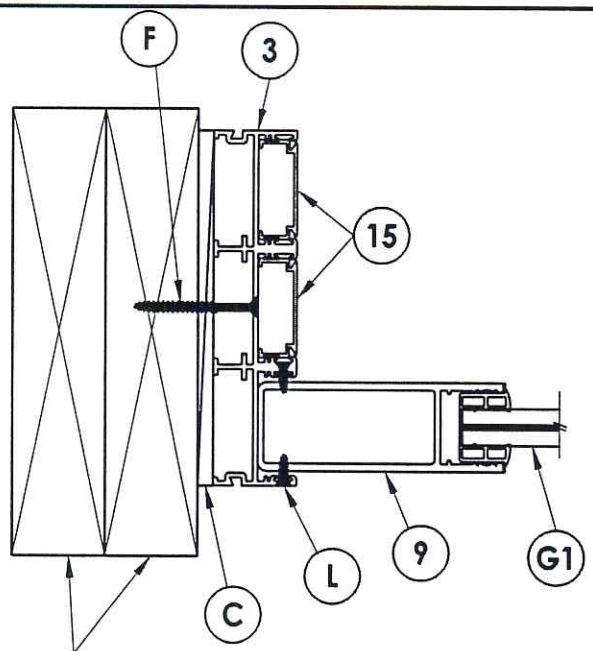
PART OR ASSEMBLY: TEST ELEVATION

NO.	DATE	BY

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7110
SHEET 2 OF 7



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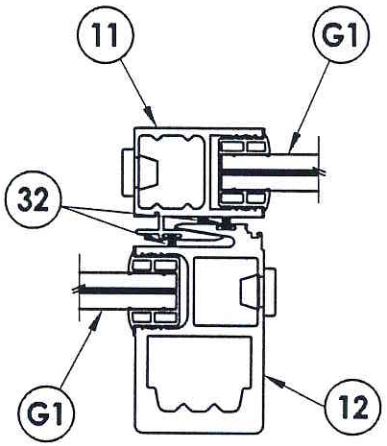

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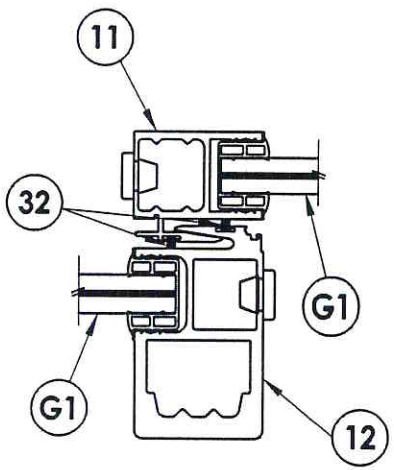

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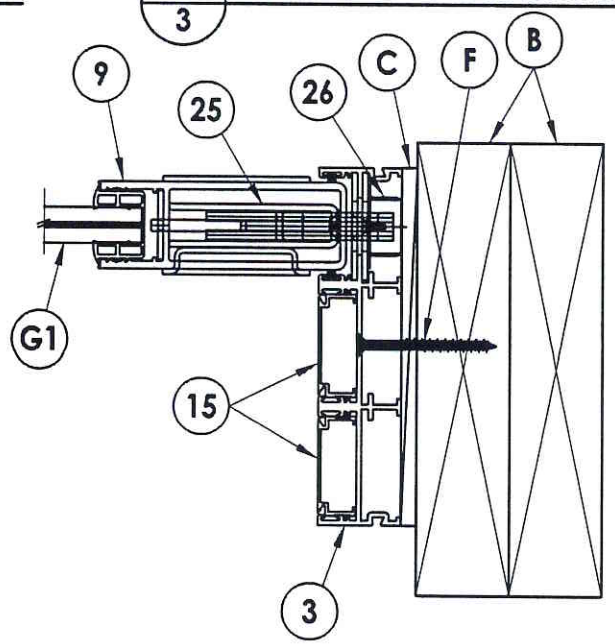


4/3 HORIZONTAL CROSS SECTION

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 61991011
Date 3/21/14 Verified by [illegible]

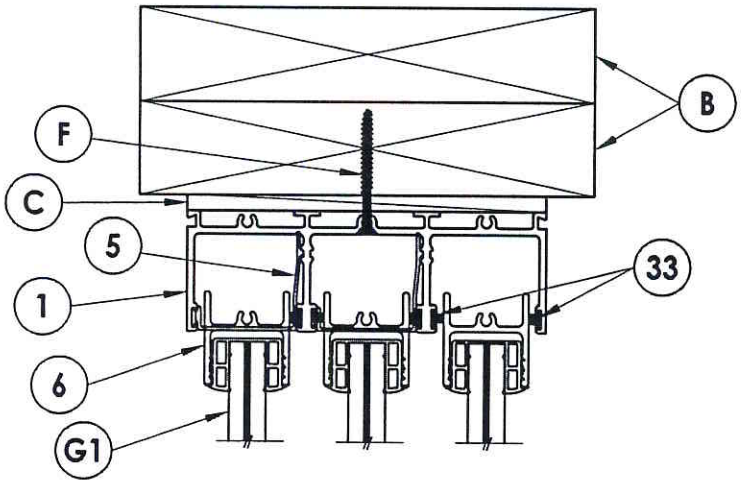
PRODUCT: FLEETWOOD Norwood 3070 (OXX)

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7110
SHEET 3 OF 7



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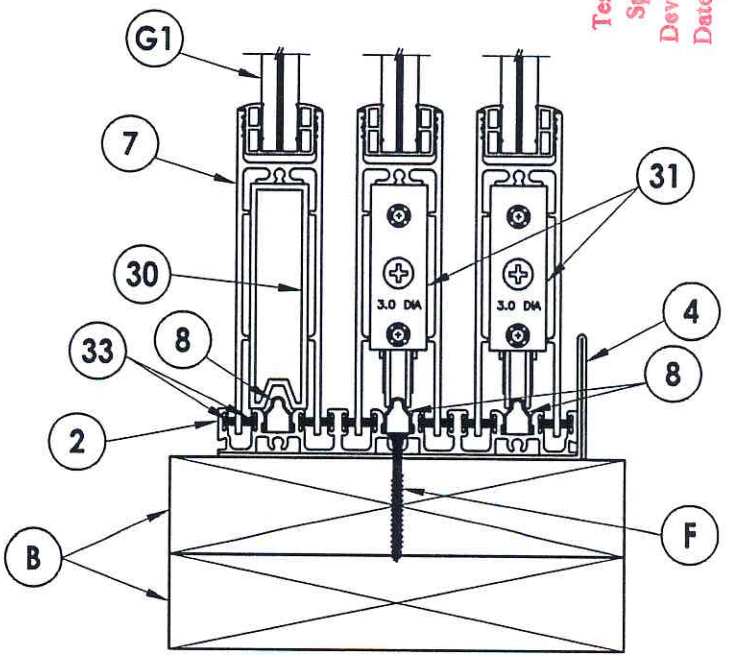


2/4 VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted, TEL # 0199.01
Date 3/31/14 Verified by

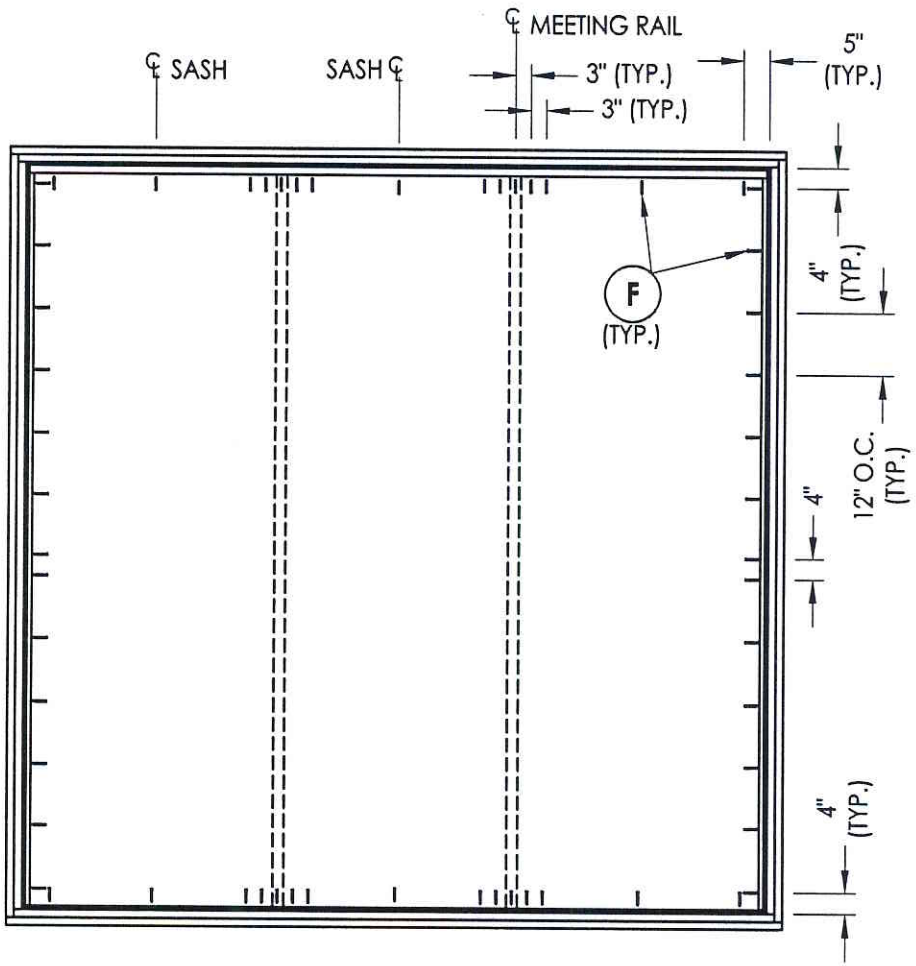
PRODUCT: FLEETWOOD Norwood 3070 (OXX)

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7110
SHEET 4 OF 7



FRAME ANCHORING
2X buck construction

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted / TEL # 01991811
Date 3/21/14 Verified by

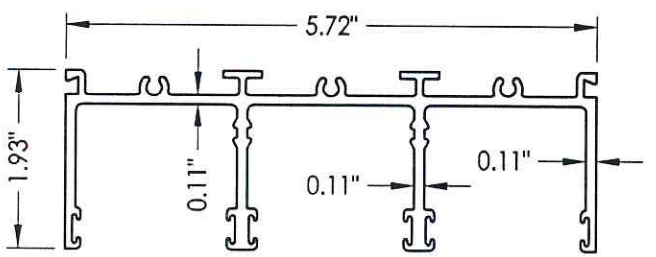
PRODUCT: FLEETWOOD Norwood 3070 (OXX)

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7110
SHEET 5 OF 7



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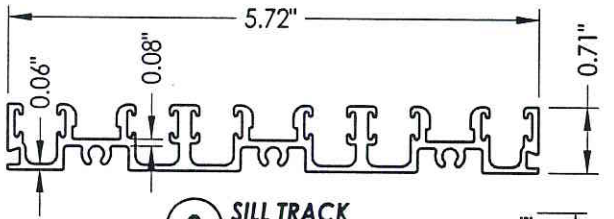

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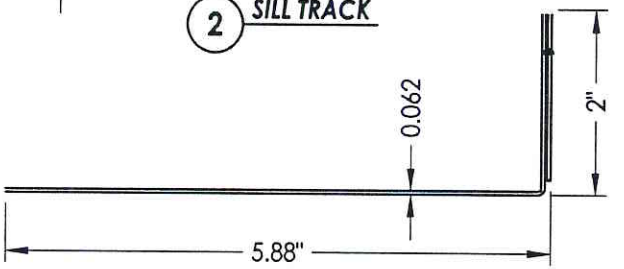

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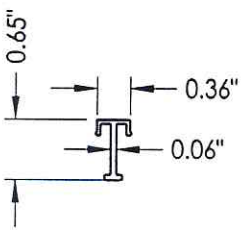

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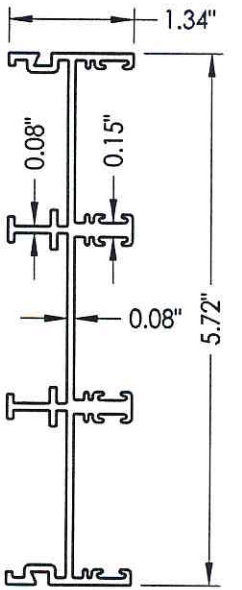

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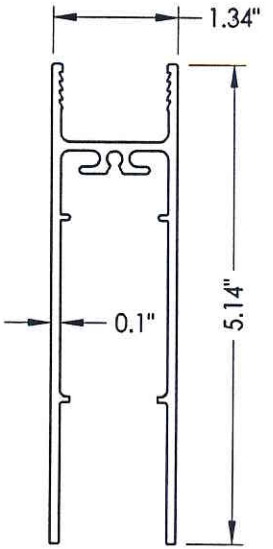

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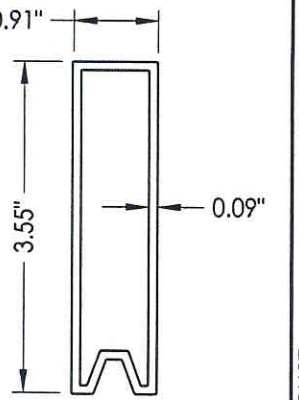
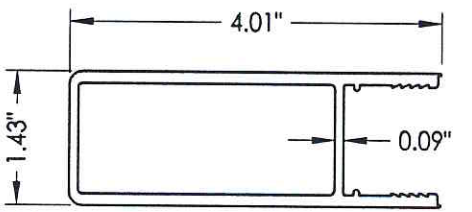


30 PANEL SETTING BLOCK



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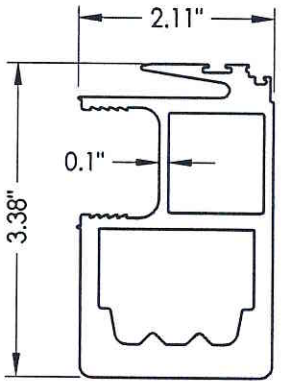
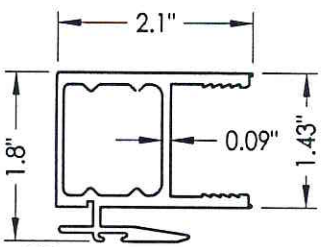
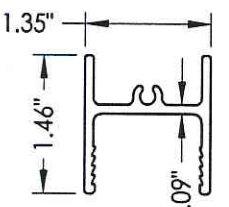


12 INTERLOCK STILE
High Performance

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 01991911
Date 3/21/14 Verified by WLW



11 INTERLOCK STILE
Standard



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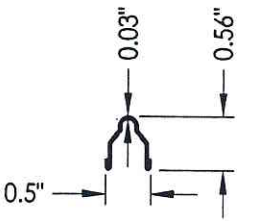

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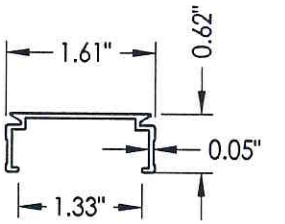

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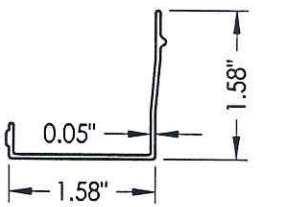


5 HEAD CHANNEL FILLER

PRODUCT: FLEETWOOD Norwood 3070 (OXX)

PART OR ASSEMBLY: COMPONENTS

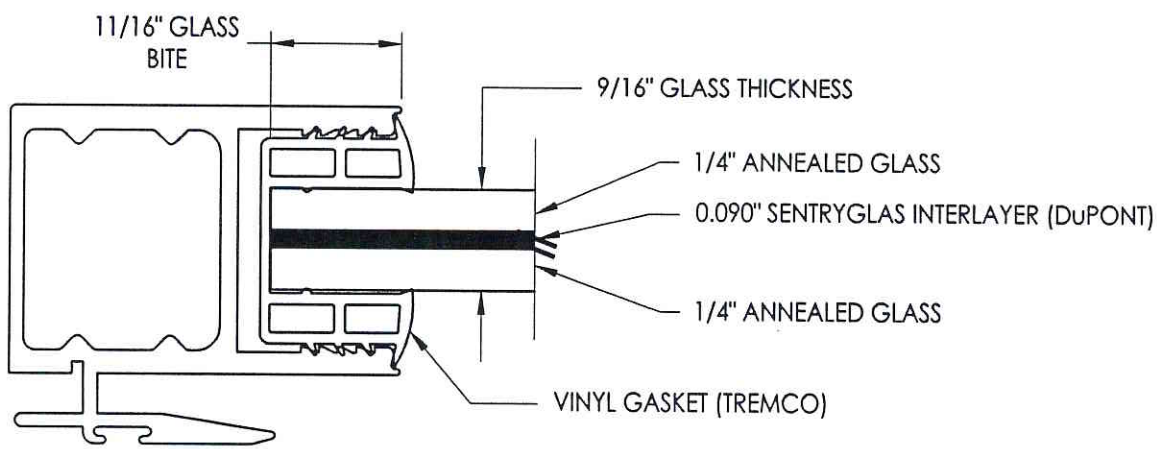
NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7110
SHEET 6 OF 7

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2" PFH SMS	STEEL
L	#8 X 1/2" PFH SMS	STEEL
1	HEAD TRACK (3 RUNS)	6063-T6 ALUM
2	SILL TRACK (3 RUNS)	6063-T6 ALUM
3	JAMB TRACK (3 RUNS)	6063-T6 ALUM
4	SILL PAN (TRIPLE RUN)	5052 -ALUM
5	HEAD CHANNEL FILLER	6063-T6 ALUM
6	TOP RAIL	6063-T6 ALUM
7	BOTTOM RAIL	6063-T6 ALUM
8	TRACK	S.S.
9	STILE	6063-T6 ALUM
10	SILL CHANNEL FILLER	6063-T6 ALUM
11	STANDARD INTERLOCK STILE	6063-T6 ALUM
12	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUM
15	JAMB CHANNEL FILLER	6063-T6 ALUM
25	LATCH ASSY.(JAMB)	-
26	STRIKE PLATE ASSY.(JAMB)	-
30	PANEL SETTING BLOCK	6063-T6 ALUM
31	MAMMOTH ROLLER ASSEMBLY	-
32	CENTER-FIN WEATHERSEAL .290" HIGH PILE (AMESBURY 43629-270)	-
33	HEAVY DENSITY WEATHERSEAL .300" HIGH PILE (AMESBURY 413330-270)	-

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 01991191
Date 3/21/14 Verified by Blue



G1 GLAZING DETAIL

PRODUCT: FLEETWOOD Norwood 3070 (OXX)

PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAIL

NO.	DATE	BY	REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7110
SHEET 7 OF 7

TABLE OF CONTENTS	
SHEET #	**DESCRIPTION**
1	Table of contents
2	Test elevation
3	Horizontal cross sections
4	Vertical cross sections
5	Frame anchoring
6	Components
7	Bill of materials

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 0199101
Date 3/31/14 Verified by [illegible]

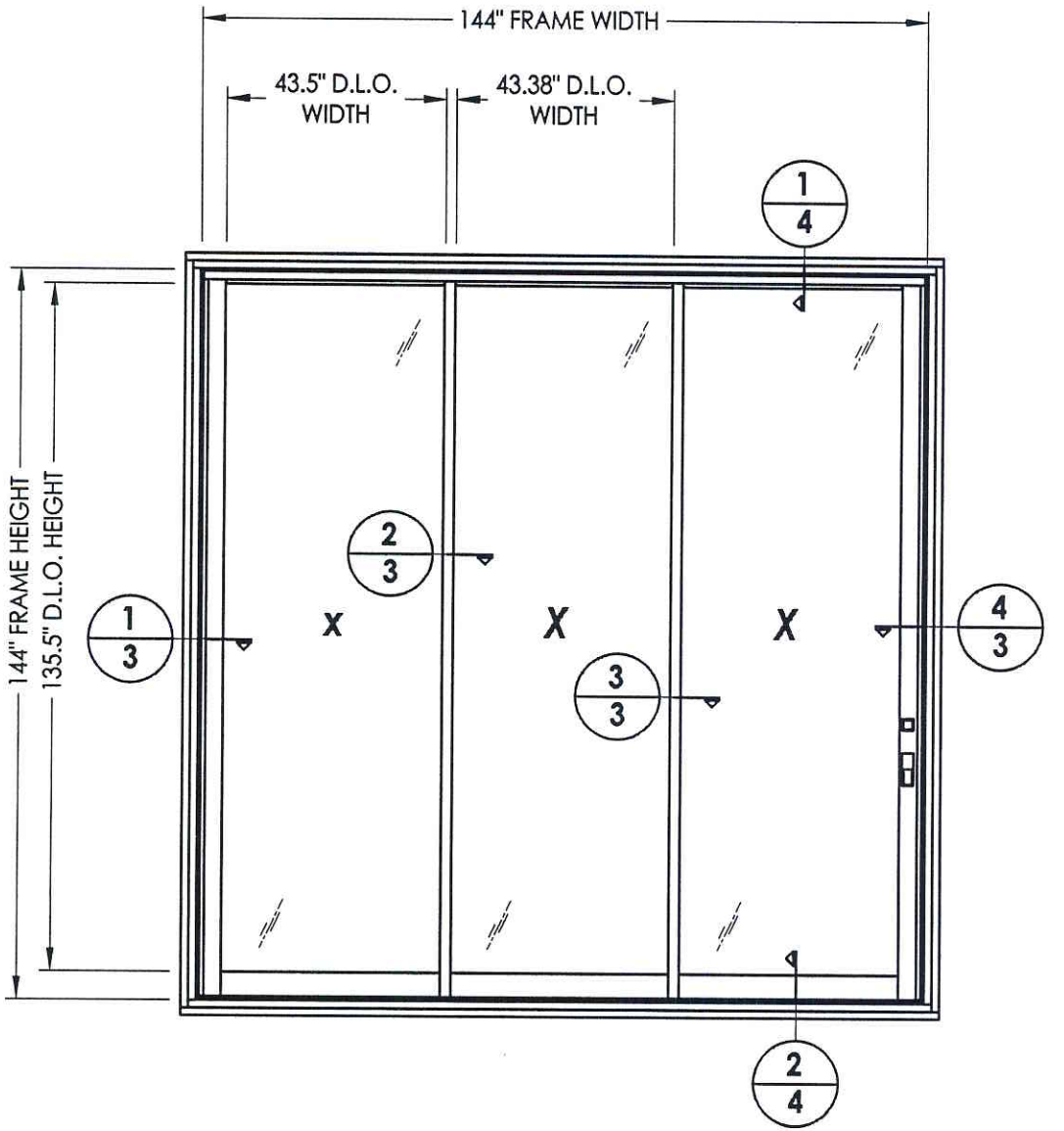
PRODUCT: FLEETWOOD Norwood 3070 (XXX)

PART OR ASSEMBLY: TABLE OF CONTENTS

NO.	DATE	BY	REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7111
SHEET 1 OF 7



Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 01991011
Date 3/21/14 Verified by DLW

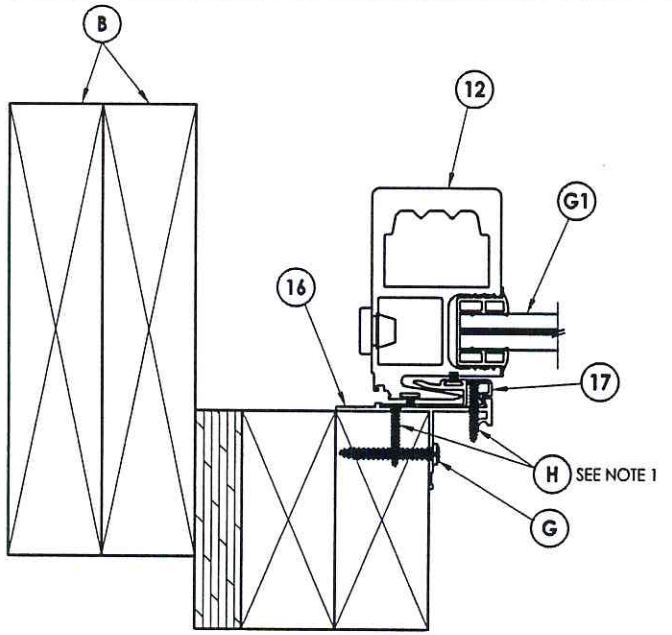
PRODUCT: FLEETWOOD Norwood 3070 (XXX)

PART OR ASSEMBLY: TEST ELEVATION

NO.	DATE	REVISIONS	BY

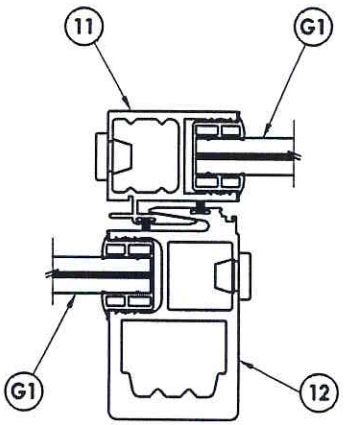
RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7111
SHEET 2 OF 7



1/3 HORIZONTAL CROSS SECTION

INTERIOR

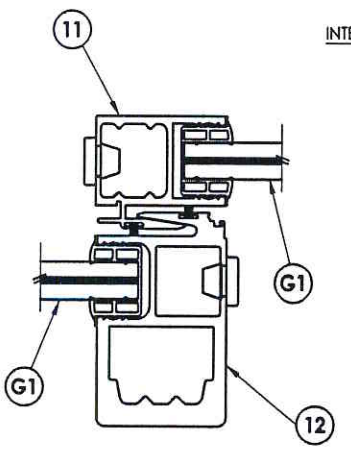


EXTERIOR

2/3 HORIZONTAL CROSS SECTION

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 01991011
Date 3/18/14 Verified by

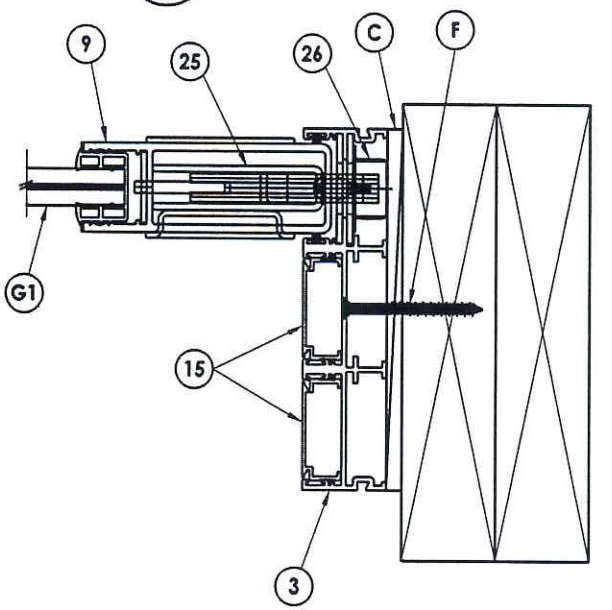
NOTE:
1. Interlock clip screws (item #H) located at each nail-fin attachment screw (item #G).



INTERIOR

EXTERIOR

3/3 HORIZONTAL CROSS SECTION



4/3 HORIZONTAL CROSS SECTION

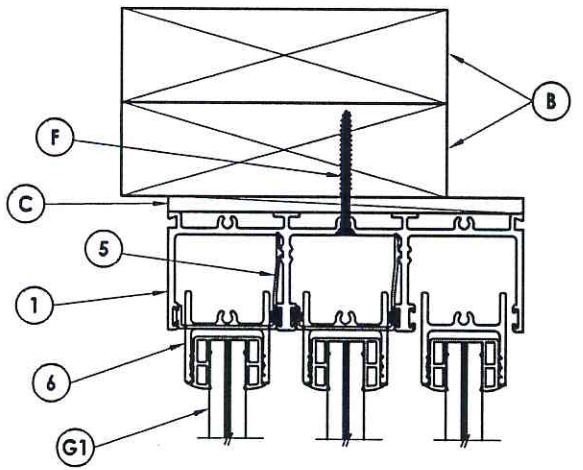
PRODUCT: FLEETWOOD Norwood 3070 (XXX)

PART OR ASSEMBLY: VERTICAL AND HORIZONTAL CROSS SECTIONS

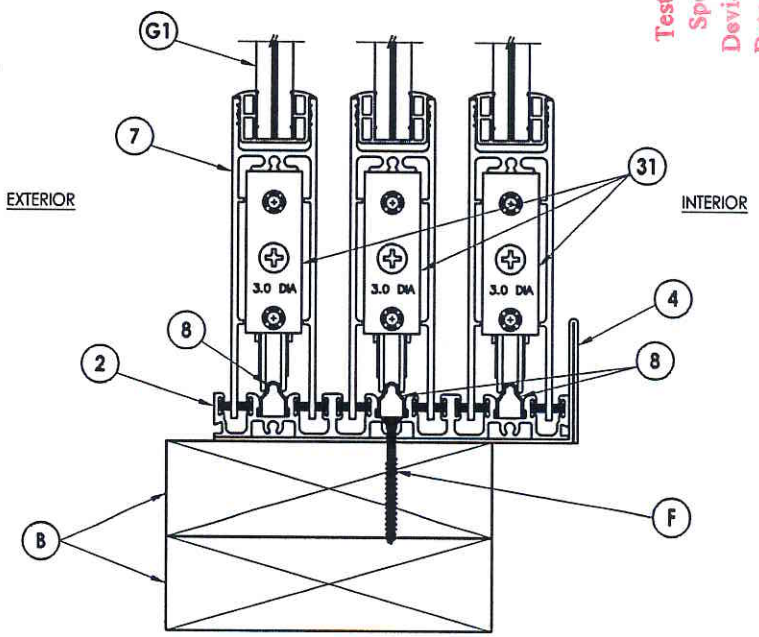
NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7111
SHEET 3 OF 7



1/4 VERTICAL CROSS SECTION



2/4 VERTICAL CROSS SECTION

Testing Evaluation Laboratories Inc
Specimen Complies with Drawings
Deviations Noted - TEL # 0199101
Date 3/31/14 Verified by

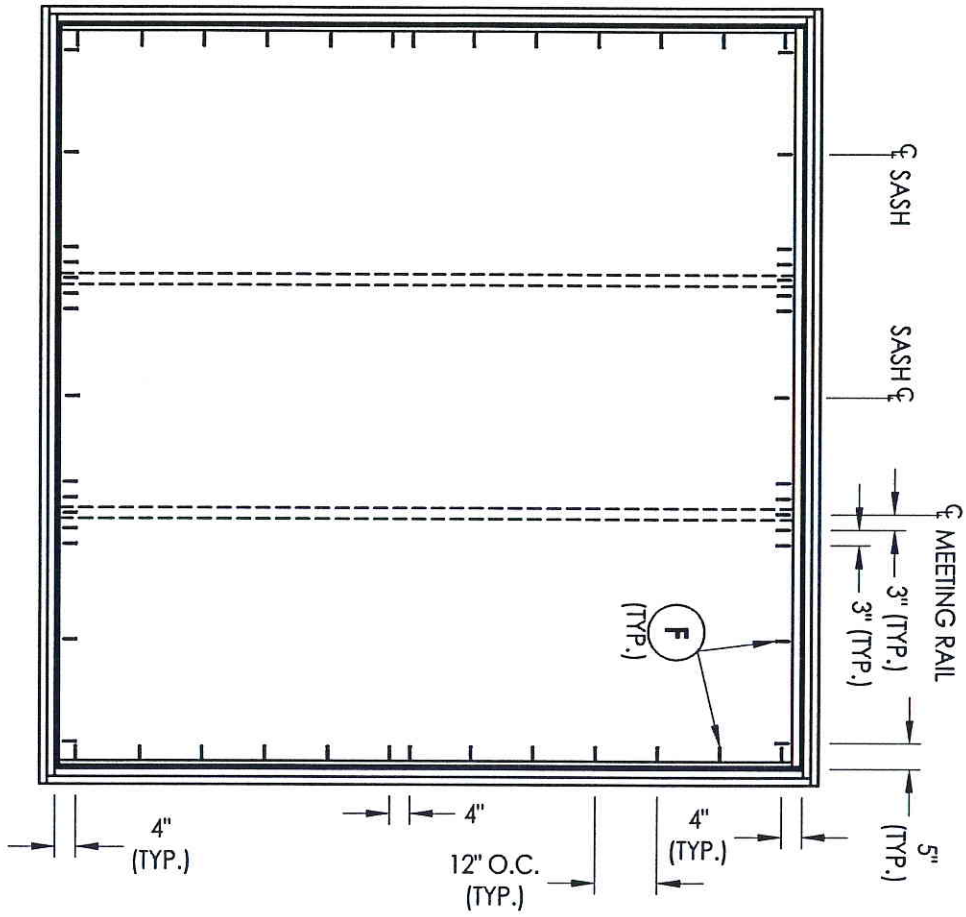
PRODUCT: FLEETWOOD Norwood 3070 (XXX)

PART OR ASSEMBLY: VERTICAL AND HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7111
SHEET 4 OF 7



FRAME ANCHORING
2X buck construction

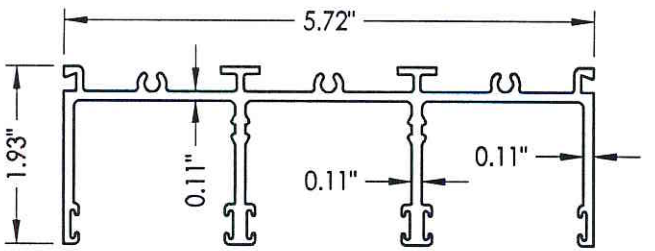
Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 01991011
Date 3/21/14 Verified by JW

PRODUCT:	FLEETWOOD Norwood 3070 (XXX)
PART OR ASSEMBLY:	TEST ELEVATION

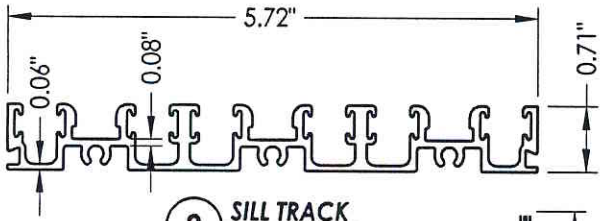
NO.	DATE		BY
REVISIONS			

RW BUILDING CONSULTANTS, INC.
813.659.9197

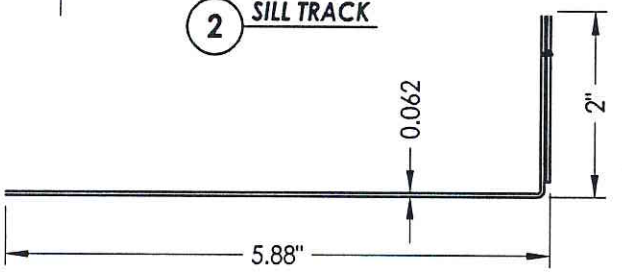
DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7111
SHEET 5 OF 7



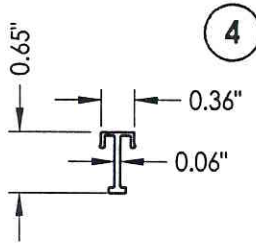
1 HEAD TRACK



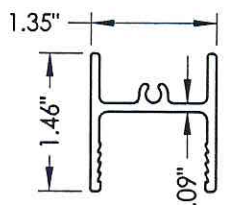
2 SILL TRACK



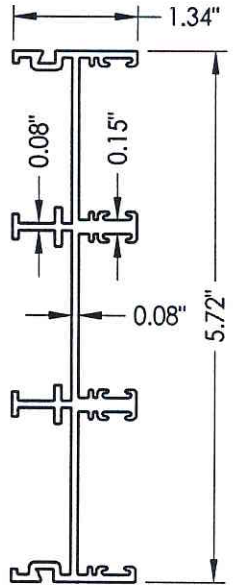
4 SILL PAN



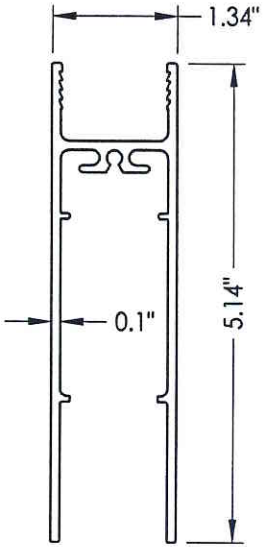
10 SILL CHANNEL FILLER



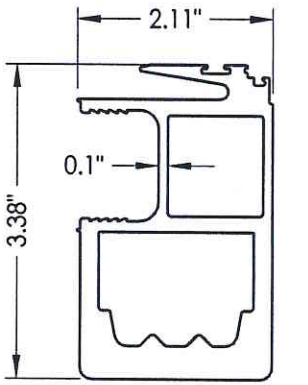
6 TOP RAIL



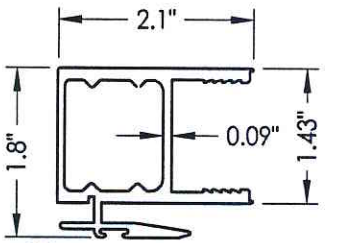
3 JAMB TRACK



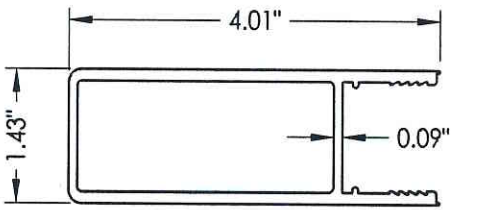
7 BOTTOM RAIL



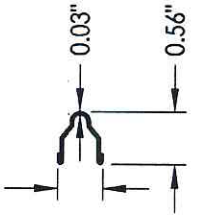
12 INTERLOCK STILE
High Performance



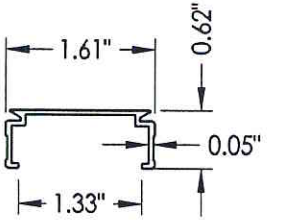
11 INTERLOCK STILE
Standard



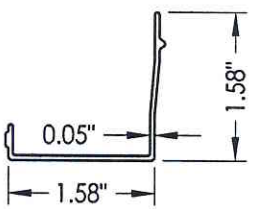
9 STILE



8 TRACK



15 JAMB CHANNEL FILLER



5 HEAD CHANNEL FILLER

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 0199-1011
Date 3/31/14 Verified by

PRODUCT: FLEETWOOD Norwood 3070 (XXX)

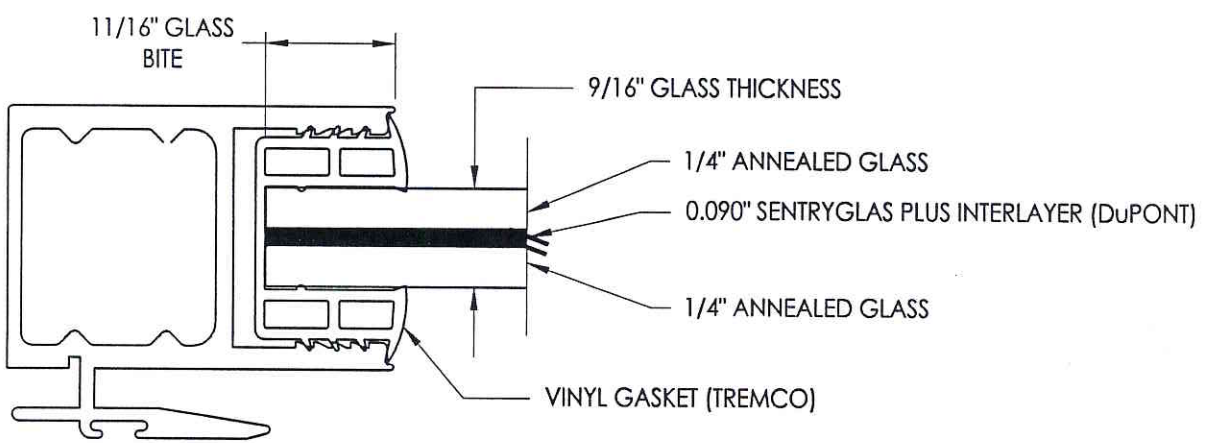
PART OR ASSEMBLY: COMPONENTS AND GLAZING DETAILS

NO.	DATE	BY
REVISIONS		

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7111
SHEET 6 OF 7

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2" PFH SMS	STEEL
L	#8 X 1/2" PFH SMS	STEEL
1	HEAD TRACK (3 RUNS)	6063-T6 ALUM
2	SILL TRACK (3 RUNS)	6063-T6 ALUM
3	JAMB TRACK (3 RUNS)	6063-T6 ALUM
4	SILL PAN (TRIPLE RUN)	5052 -ALUM
5	HEAD CHANNEL FILLER	6063-T6 ALUM
6	TOP RAIL	6063-T6 ALUM
7	BOTTOM RAIL	6063-T6 ALUM
8	TRACK	S.S.
9	STILE	6063-T6 ALUM
10	SILL CHANNEL FILLER	6063-T6 ALUM
11	STANDARD INTERLOCK STILE	6063-T6 ALUM
12	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUM
15	JAMB CHANNEL FILLER	6063-T6 ALUM
16	POST INTERLOCKER NAIL FIN	6063-T6 ALUM
17	POST INTERLOCKER CLIP	6063-T6 ALUM
25	LATCH ASSY.(JAMB)	-
26	STRIKE PLATE ASSY.(JAMB)	-
31	MAMMOTH ROLLER ASSEMBLY	-
32	CENTER-FIN WEATHERSEAL .290 HIGH PILE (AMESBURY 43629-270)	-
33	HEAVY DENSITY WEATHERSEAL .300 HIGH PILE (AMESBURY 413330-270)	-



G1 GLAZING DETAIL

Testing Evaluation Laboratories Inc
Specimen Complies with Drawing
Deviations Noted - TEL # 0199.14
Date 3/31/14 Verified by

PRODUCT: FLEETWOOD Norwood 3070 (XXX)

PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAIL

NO.	DATE	BY	REVISIONS

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 1/21/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: L-7111
SHEET 7 OF 7