

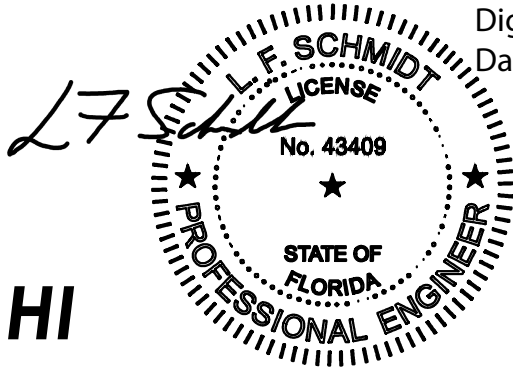


Series 3070-HI
Sliding Glass Door
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
9. Gaskets shall comply with FBC Section 2411.3.4.

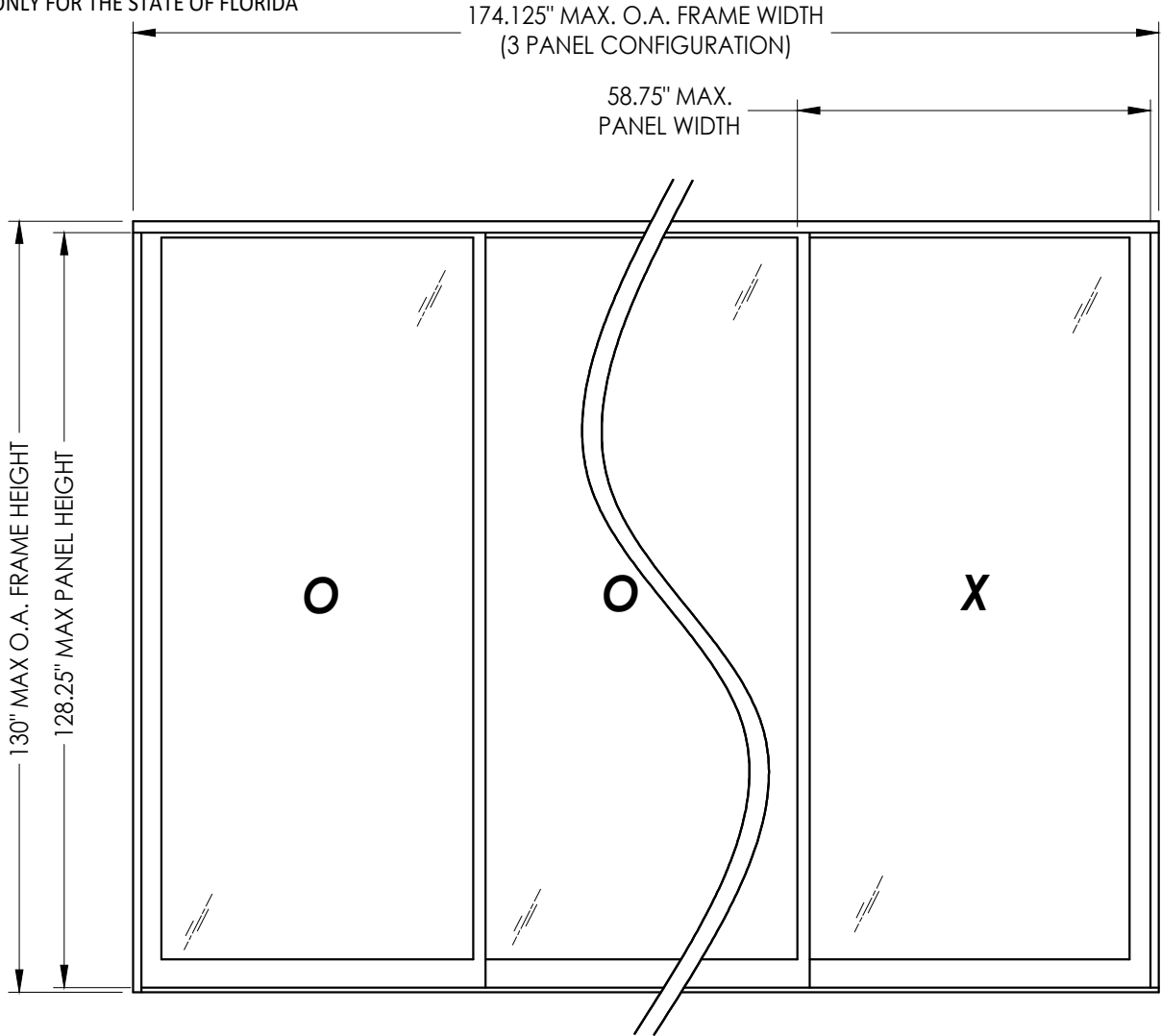
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal and vertical cross sections
3	Buck anchoring
4	Frame anchoring
5	Components
6	Bill of materials and glazing details



Digitally signed by Lyndon F Schmidt
Date: 2023.07.12 17:12:54 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
58.75" X 128.25"	52.63" X 121.5"	G1, G2, G4	+55.0	-60.0
58.75" X 98.25"	52.63" X 91.5"	G3	+55.0	-60.0
49.12" X 118.25"	43.0" X 111.5"		+55.0	-60.0

Note: 3 panels shown, however, any combination of fixed and operable panels is
allowed. There is not a limit on the number of panels.

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

Part or Assembly:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

REVISIONS

NO.	DATE	REVISIONS
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC
5	8/10/20	UPDATE TO 7TH ED. (2020) FBC
4	08/08/17	UPDATE TO 6TH ED. (2017) FBC
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME

DATE: 04/30/12

SCALE: N.T.S.

DWG. BY: JK

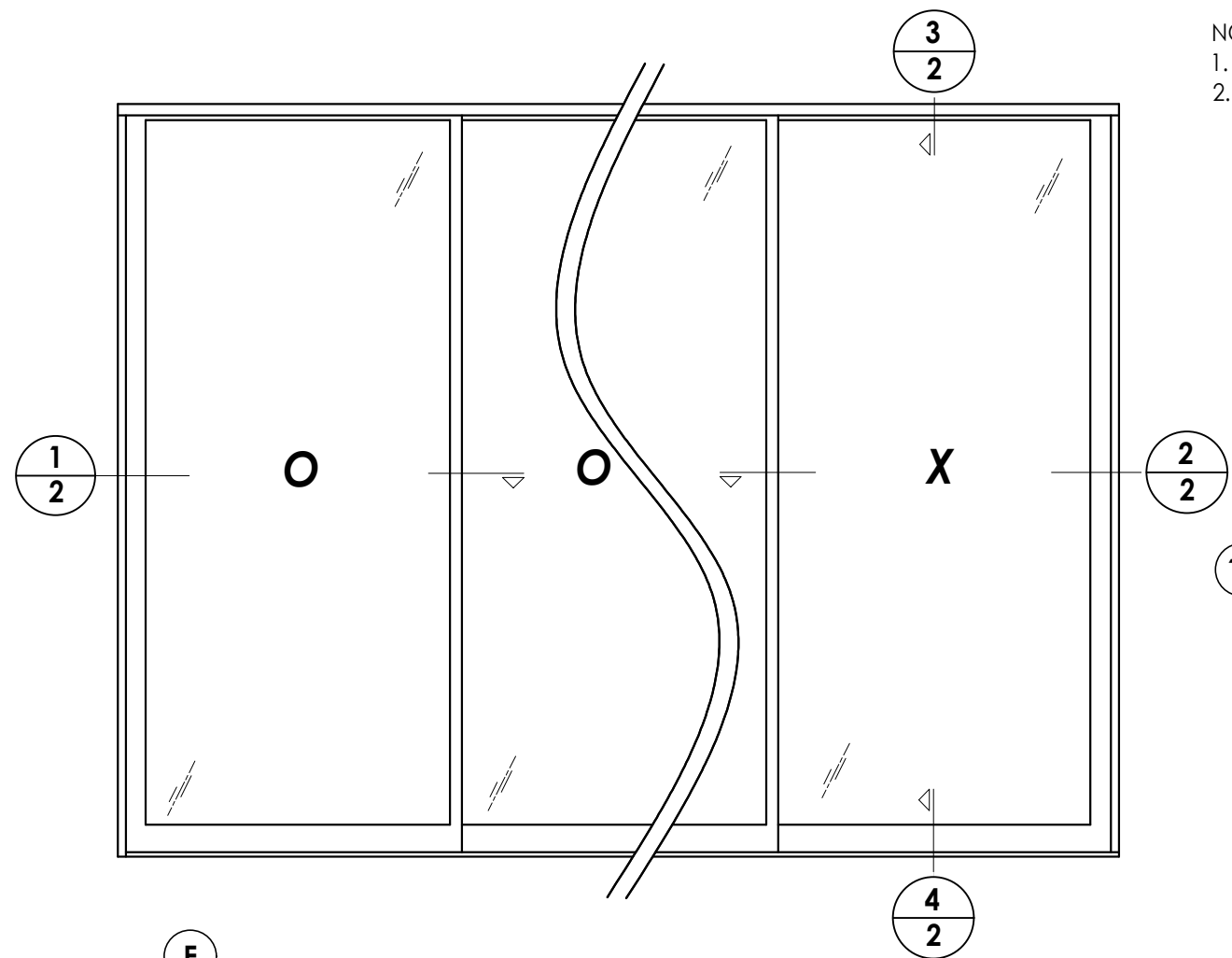
CHK. BY: LFS

DRAWING NO.: FL-15560.1

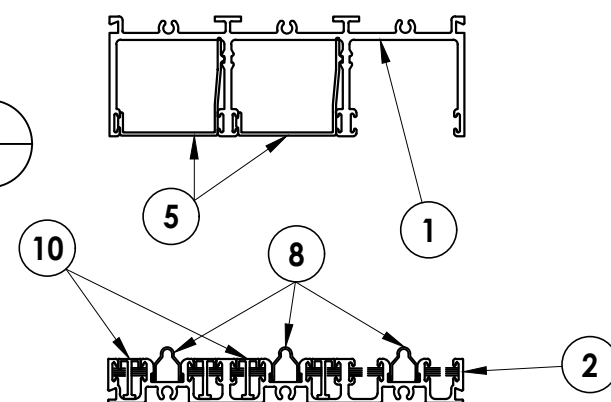
SHEET 1 OF 6

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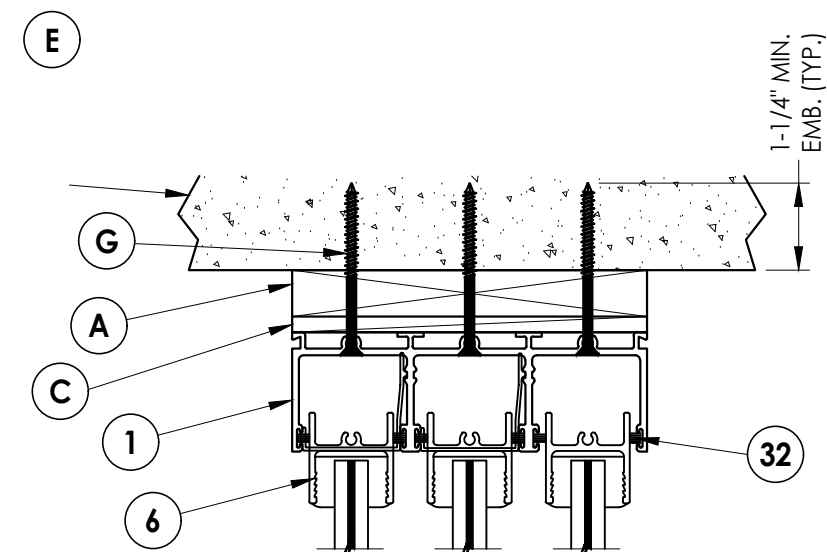
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



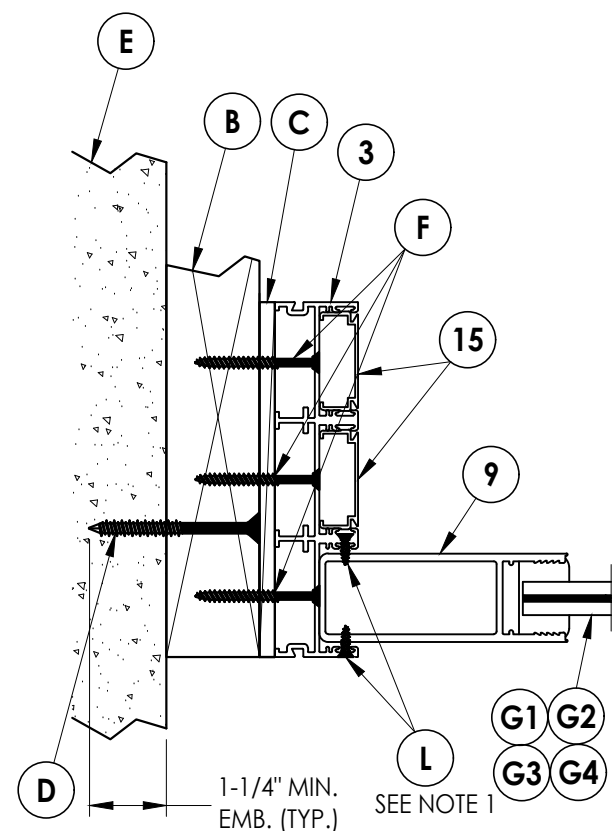
1. Fixed panel screws located 39" from each end.
2. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).



HEAD & SILL COVER CONDITION

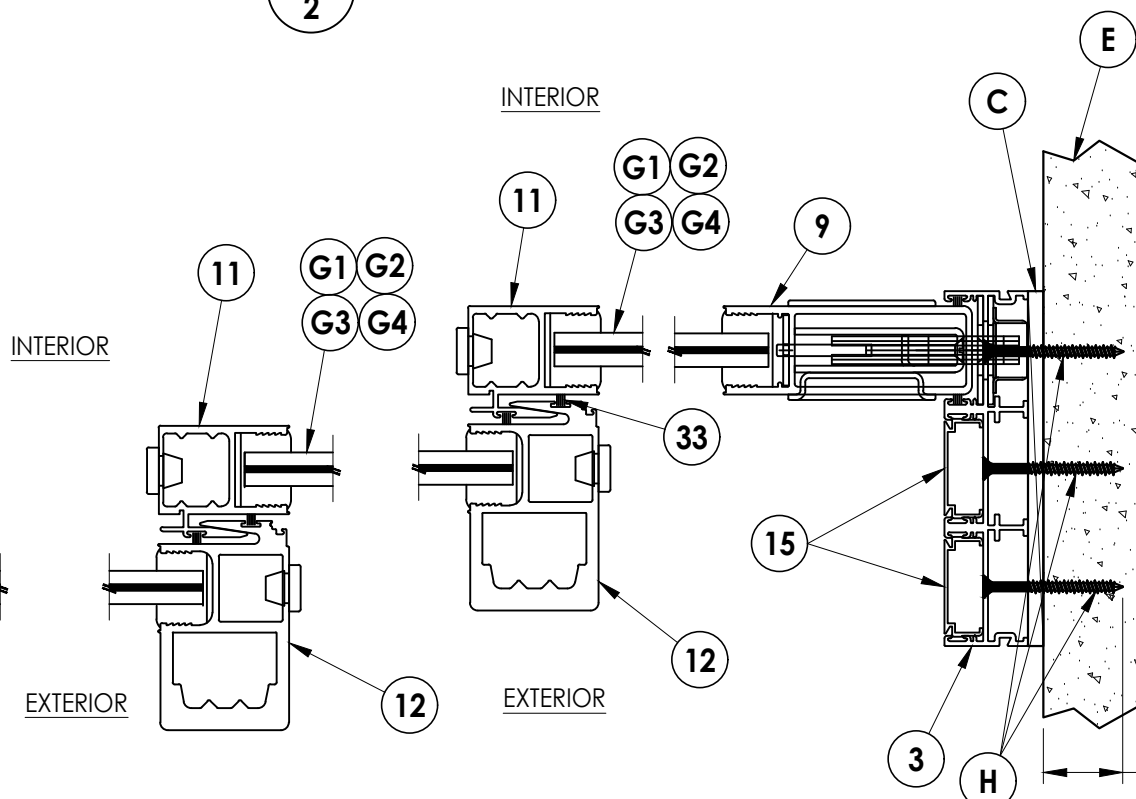


3 VERTICAL CROSS SECTION

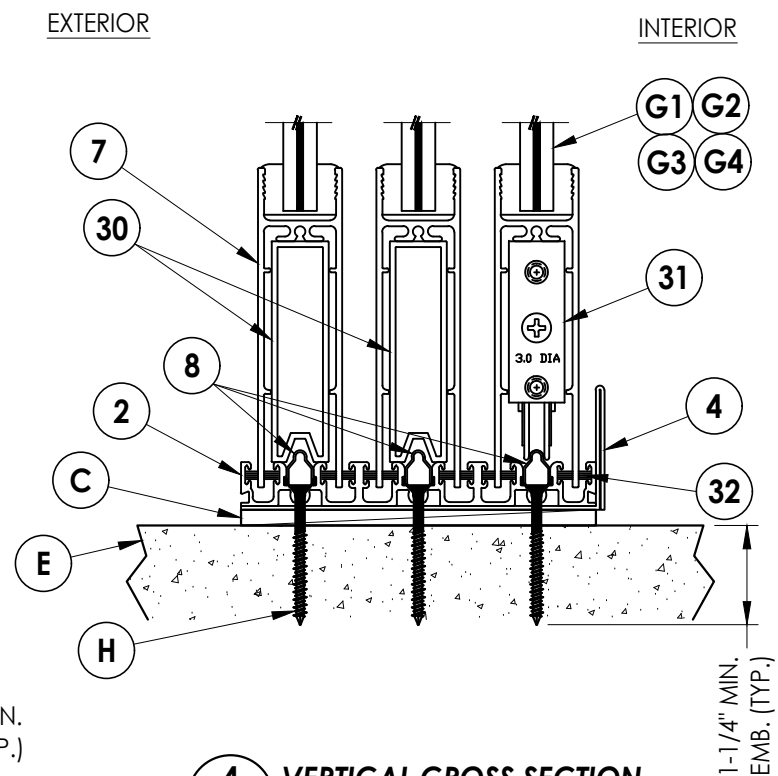


1 **HORIZONTAL CROSS SECTION**

2 2X Buck Construction



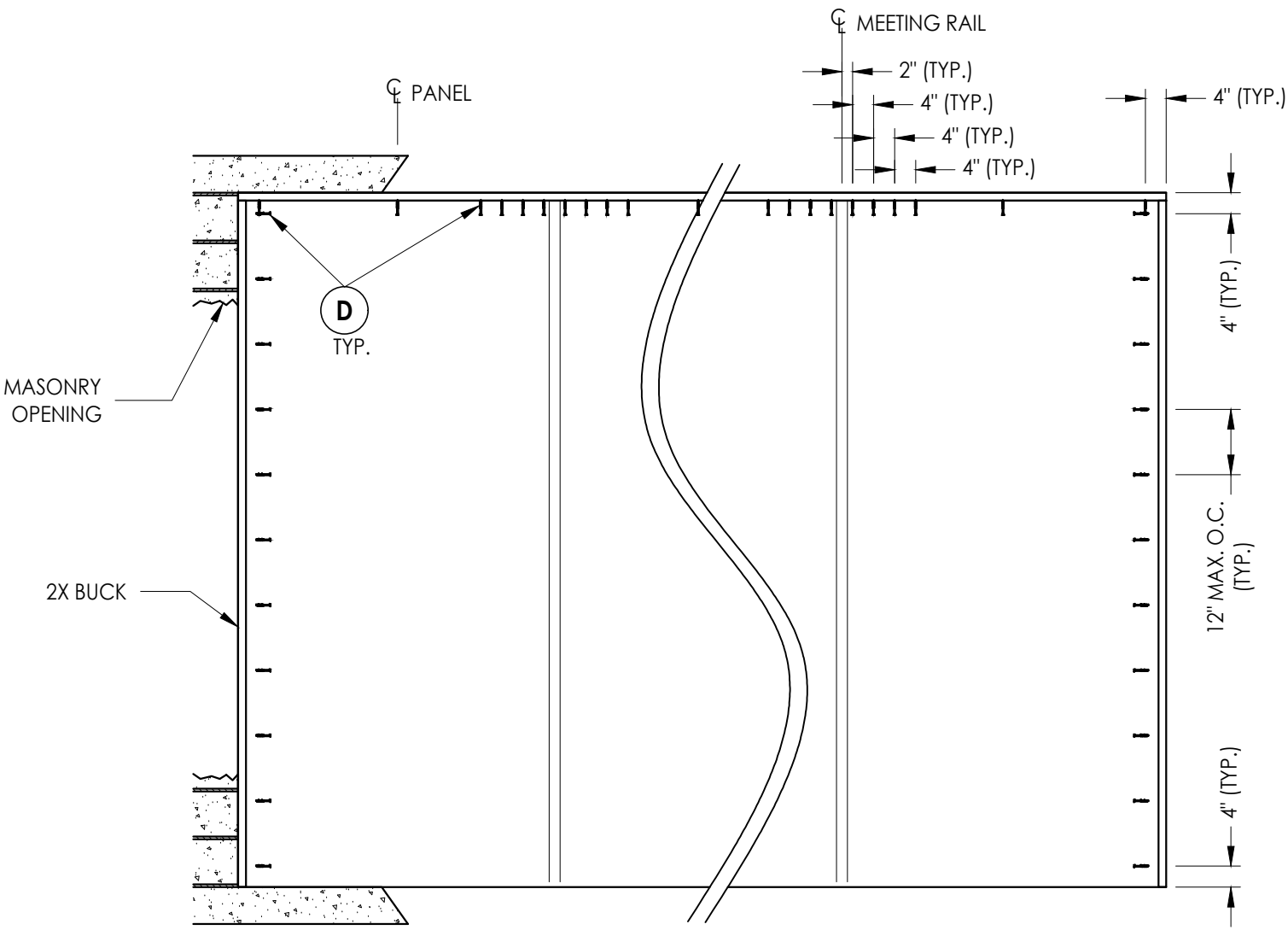
2 HORIZONTAL CROSS SECTION
2 Direct to masonry



4 **VERTICAL CROSS SECTION**
2 Direct to masonry

DATE: 04/30/12					Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813					
SCALE: N.T.S.										
DWG. BY: JK										
CHK. BY: LFS										
DRAWING NO.: FL-15560.1										
SHEET 2		OF 6		PRODUCT: FLEETWOOD WINDOWS & DOORS PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS						
6		7/12/23					UPDATE TO 8TH ED. (2023) FBC		LFS	
5		8/10/20					UPDATE TO 7TH ED. (2020) FBC		DAC	
4		08/08/17					UPDATE TO 6TH ED. (2017) FBC		LFS	
3		8/06/15		CLARIFY MAX PANEL SIZE, REVISE		JK				
				G3 GLAZING & CHANGE NAME						
NO.		DATE				BY				
						REVISIONS				

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.1-5.dwg



2X BUCK ANCHORING

CONCRETE ANCHOR NOTES:

- 1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- 3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"

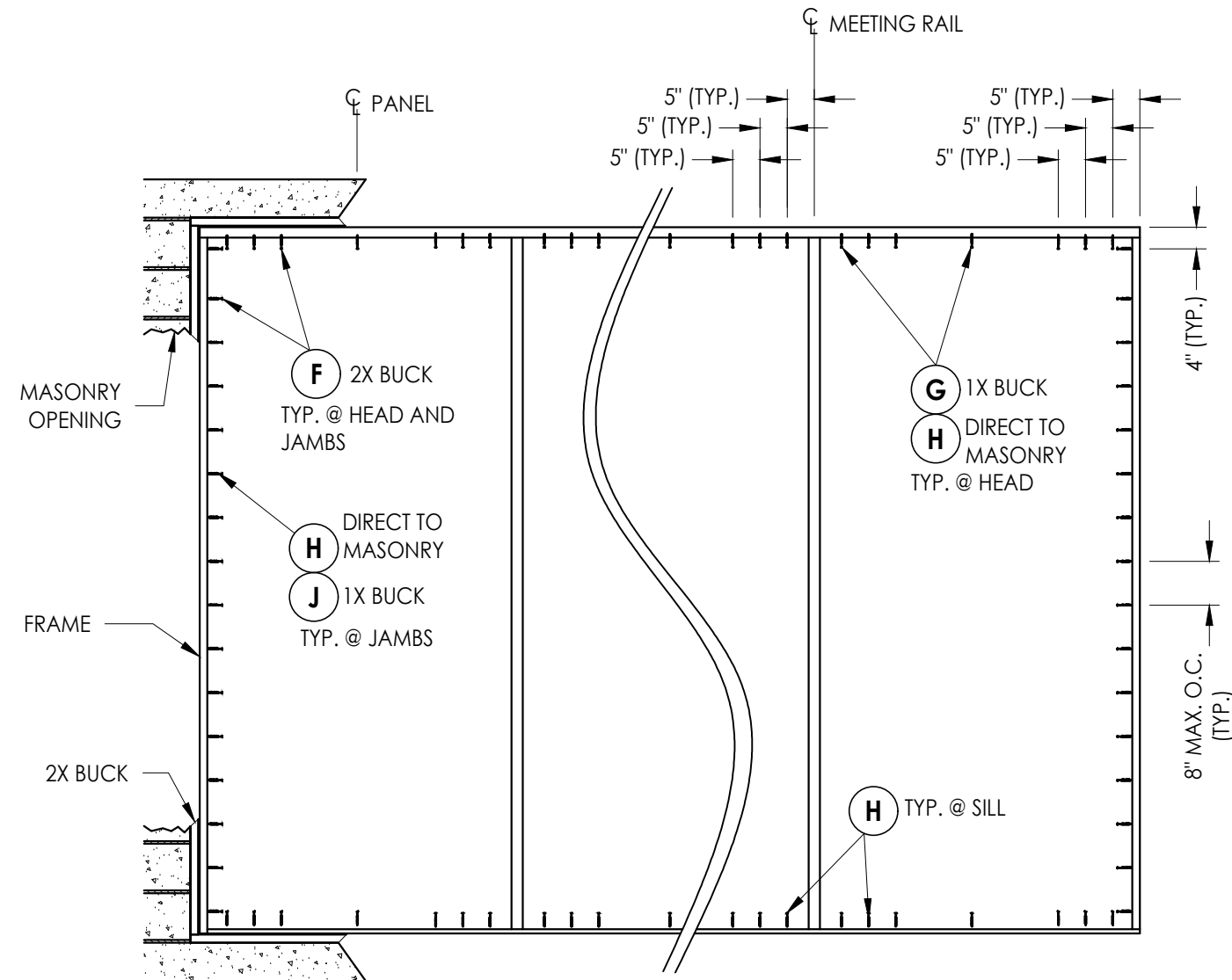
NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
4	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	JK		
		G3 GLAZING & CHANGE NAME			
DATE: 04/30/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15560.1					
SHEET 3 OF 6					

PRODUCT:	FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:	BUCK ANCHORING

Documents Prepared By:
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FRAME ANCHORING

(NOTE: 1 ANCHOR REQUIRED PER TRACK @ EACH LOCATION)

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
4	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE		JK
		G3 GLAZING & CHANGE NAME		
NO.	DATE	REVISIONS		

DATE: 04/30/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15560.1

SHEET 4 OF 6

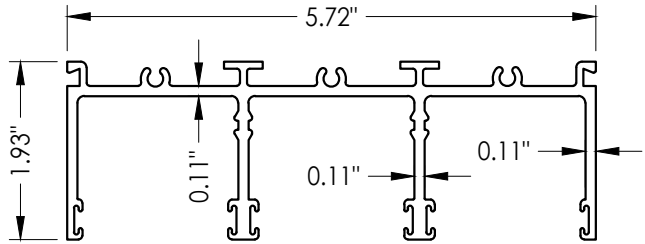
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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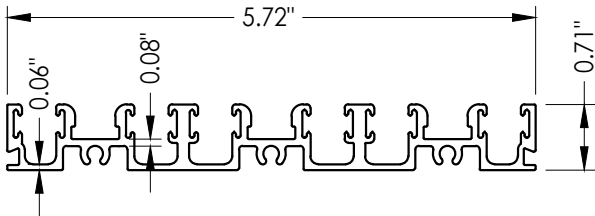
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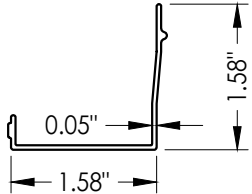
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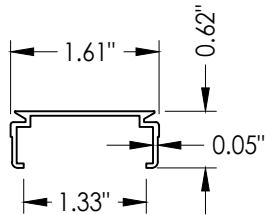
1 HEAD TRACK



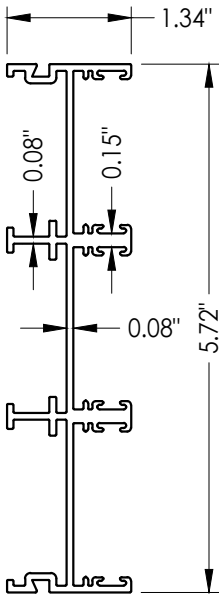
2 SILL TRACK



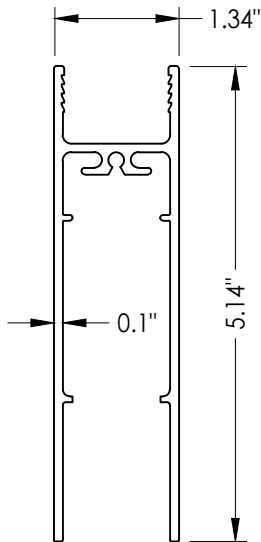
5 HEAD CHANNEL FILLER



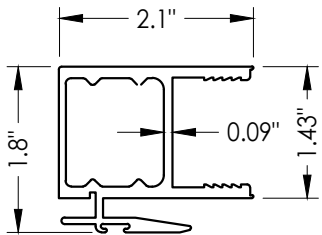
15 JAMB CHANNEL FILLER



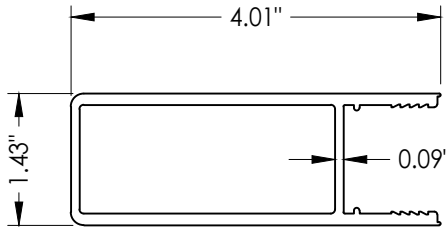
3 JAMB TRACK



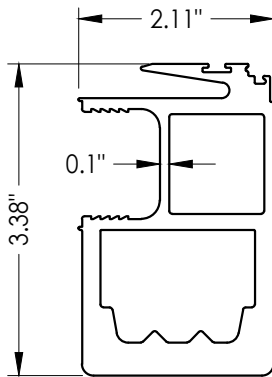
7 BOTTOM RAIL



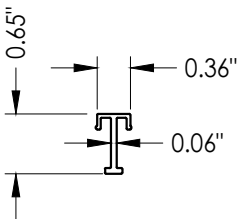
11 INTERLOCK STILE
Standard



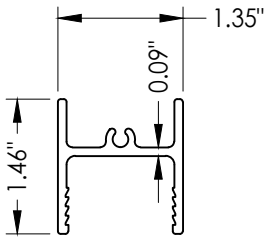
9 STILE



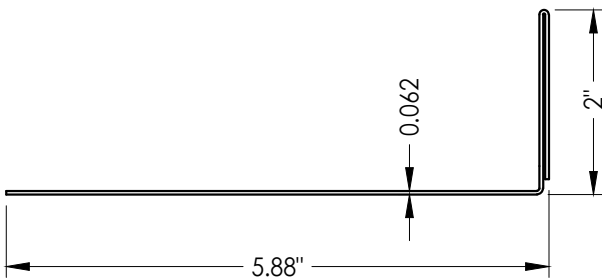
12 INTERLOCK STILE
High Performance



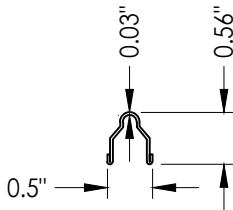
10 SILL CHANNEL FILLER



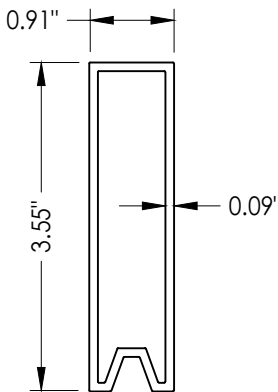
6 TOP RAIL



4 SILL PAN



8 TRACK



30 PANEL SETTING BLOCK

NO.	DATE	REVISIONS			
		BY	DATE	REVISION	DESCRIPTION
6	7/12/23	LFS			UPDATE TO 8TH ED. (2023)
5	8/10/20	DAC			UPDATE TO 7TH ED. (2020)
4	08/08/17	LFS			UPDATE TO 6TH ED. (2017)
3	8/06/15	JK			CLARIFY MAX PANEL SIZE, REVISE
					G3 GLAZING & CHANGE NAME

DATE: 04/30/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15560.1

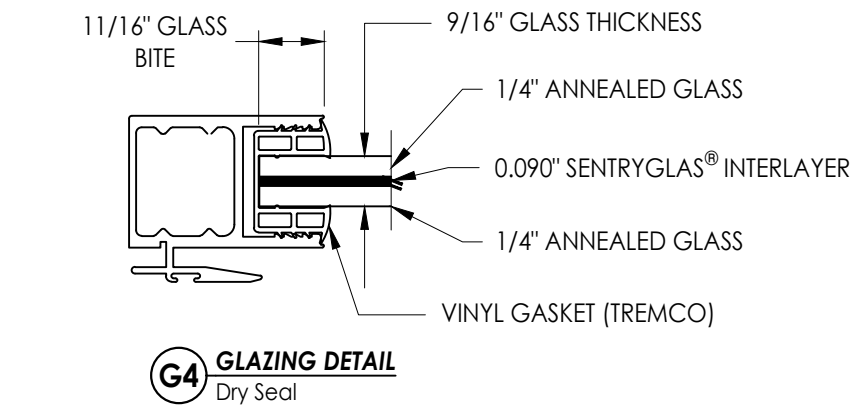
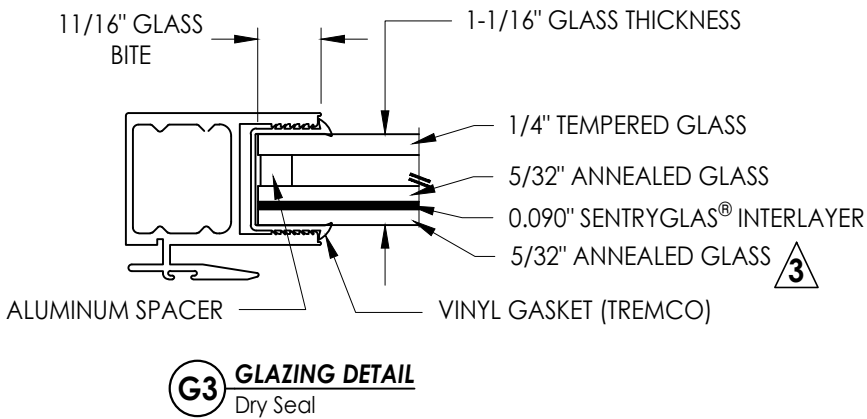
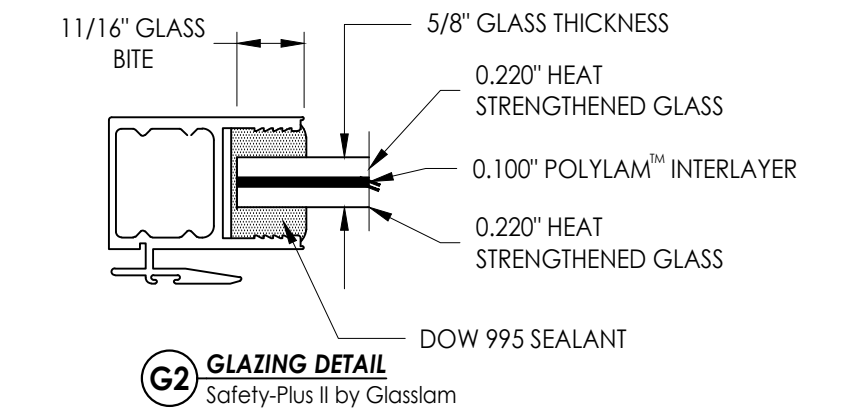
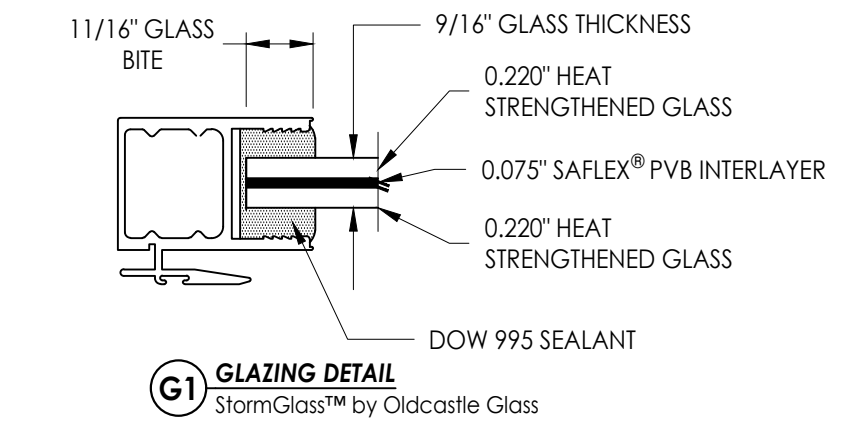
SHEET 5 OF 6

PRODUCT:		PART OR ASSEMBLY:
FLEETWOOD WINDOWS & DOORS		
		COMPONENTS

Documents Prepared By:
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P.E. No. 43409

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

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH SMS (1" MIN. EMBEDMENT)	STEEL
G	3/16" X 2-3/4" ITW PFH CONCRETE SCREW	STEEL
H	3/16" X 2-1/4" ITW PFH CONCRETE SCREW	STEEL
J	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	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
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)	-



NOTE: GLAZING > 36" WIDE REQUIRES AT LEAST TWO (2) SETTING
BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.

DATE: 04/30/12		REVISIONS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.1			
SHEET 6 OF 6			
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	8/10/20	UPDATE TO 7TH ED. (2020) FBC	DAC
4	08/08/17	UPDATE TO 6TH ED. (2017) FBC	LFS
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	JK
		G3 GLAZING & CHANGE NAME	
NO.	DATE		BY
PRODUCT:			
FLEETWOOD WINDOWS & DOORS			
PART OR ASSEMBLY:			
BILL OF MATERIALS AND GLAZING DETAILS			
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			
<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			