

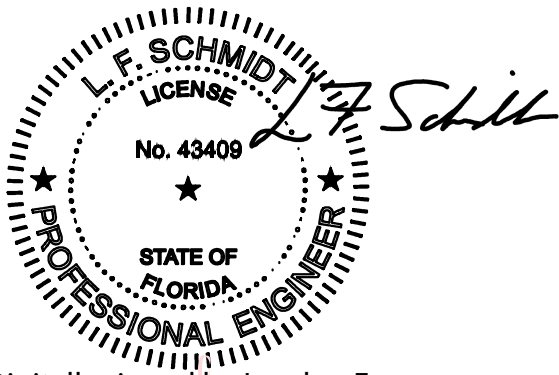


Series 3800-T
Aluminum Fixed Window
w/ Thermal Break Frame
"IMPACT"

GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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. Gaskets and setting blocks shall comply with FBC Section 2411.3.4.
- 9. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

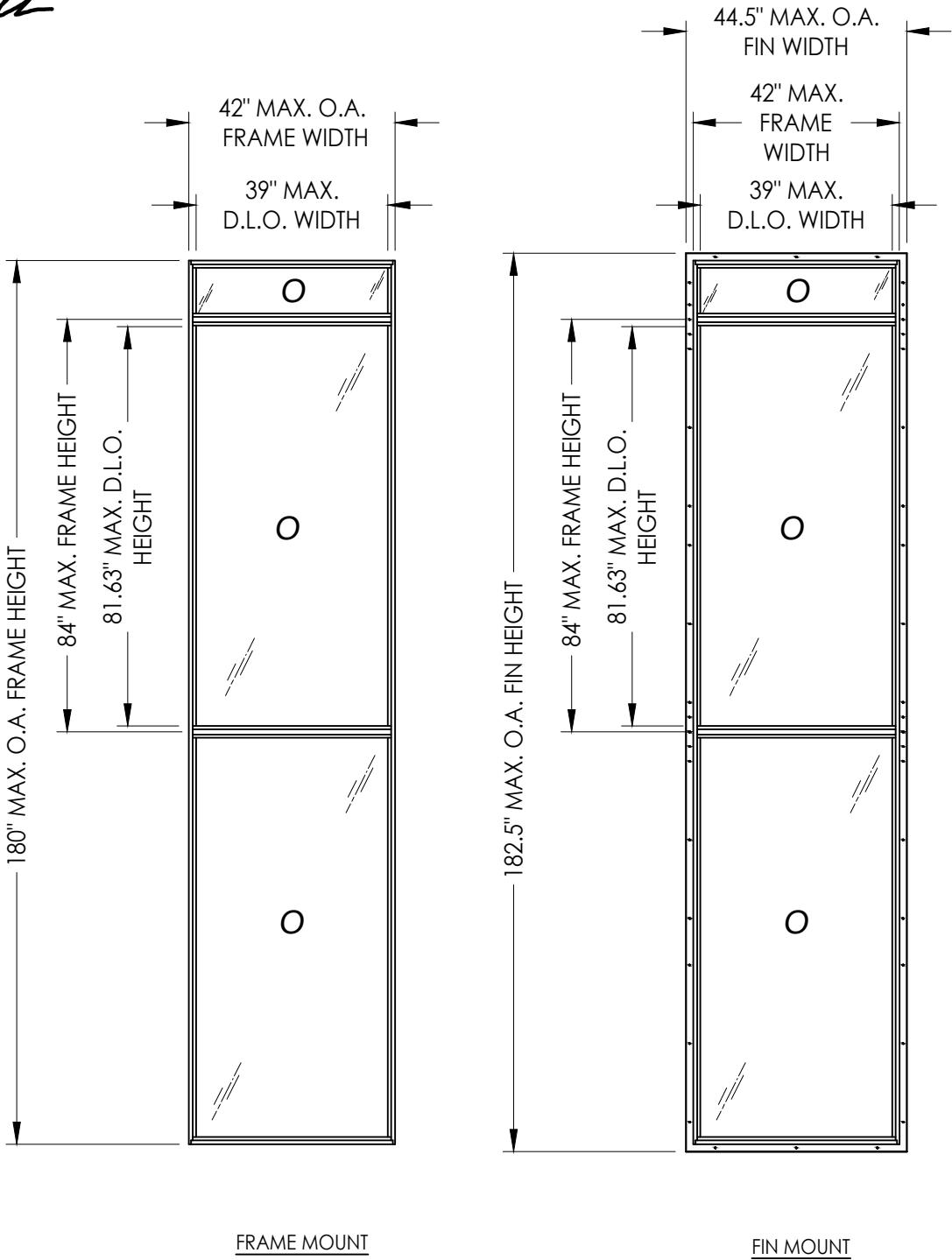
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Elevations
3	Horizontal cross sections
4	Horizontal cross sections
5	Buck & frame anchoring
6	Glazing details
7	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2026.07.06 08:00:14 -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



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.5" X 182.5"	42.0" X 180.0"	39.0" X 81.63"	G1, G2, G3, G4, G5	+65.0	-65.0

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/11/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
2	08/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	08/22/16	REVISE SERIES NAME		JK
NO.	DATE			BY

REVISIONS

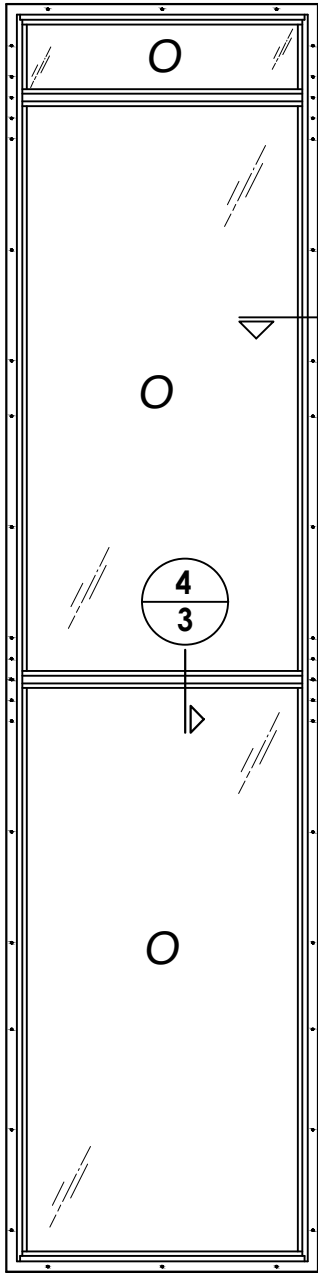
DATE: 6/27/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16925.5
SHEET 1 OF 7

© 2016 R.W. BUILDING CONSULTANTS INC.

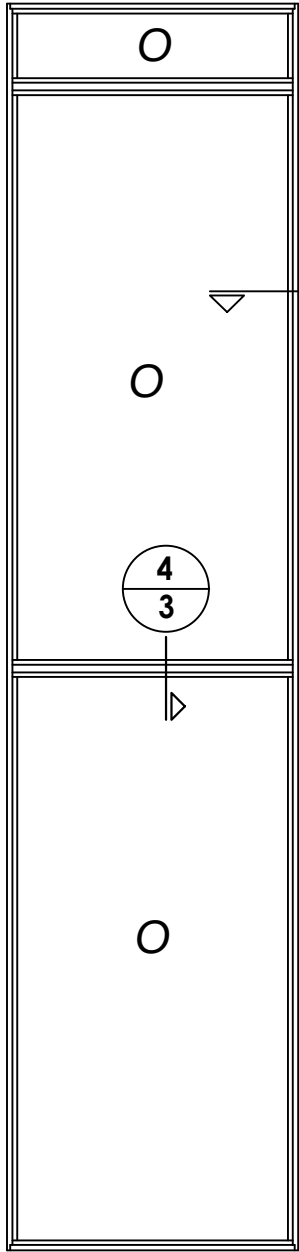
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

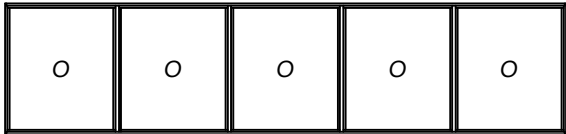
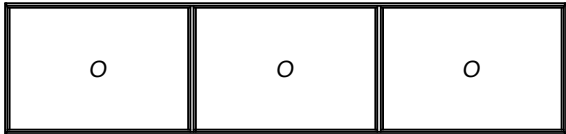
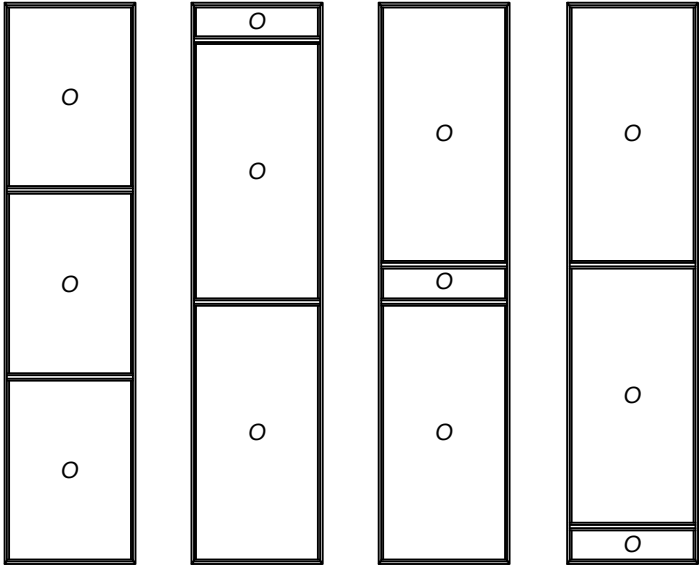
Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-16925 R8 Fixed\FL-16925.5.dwg



FIN MOUNT



FRAME MOUNT

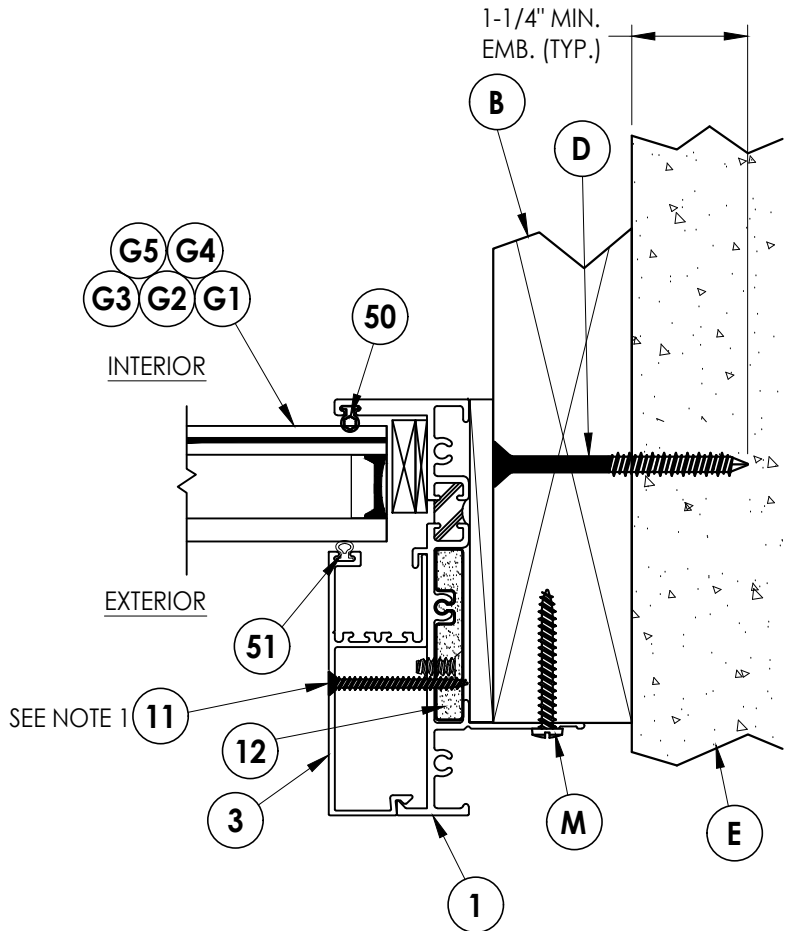


OPTIONAL CONFIGURATIONS

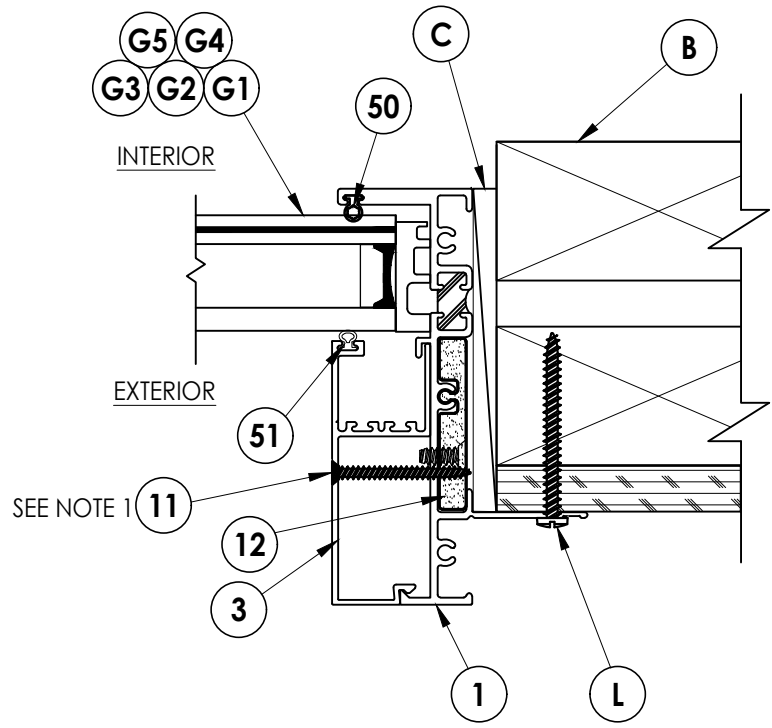
NOTE: Any combination of fixed window configurations are allowed. Do not exceed the maximum frame size or daylight openings as shown in this approval.

DATE: 6/27/16		DATE		REVISE		REVISE	
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-16925.5							
SHEET 2 OF 7							
		NO.		DATE			
		5		7/02/26		UPDATE TO 9TH ED. (2026) FBC	
		4		7/11/23		UPDATE TO 8TH ED. (2023) FBC	
		3		8/10/20		UPDATE TO 7th ED. (2020) FBC	
		2		08/03/17		UPDATE TO 6TH ED. (2017) FBC	
		1		08/22/16		REVISE SERIES NAME JK	
		NO.		DATE		BY	

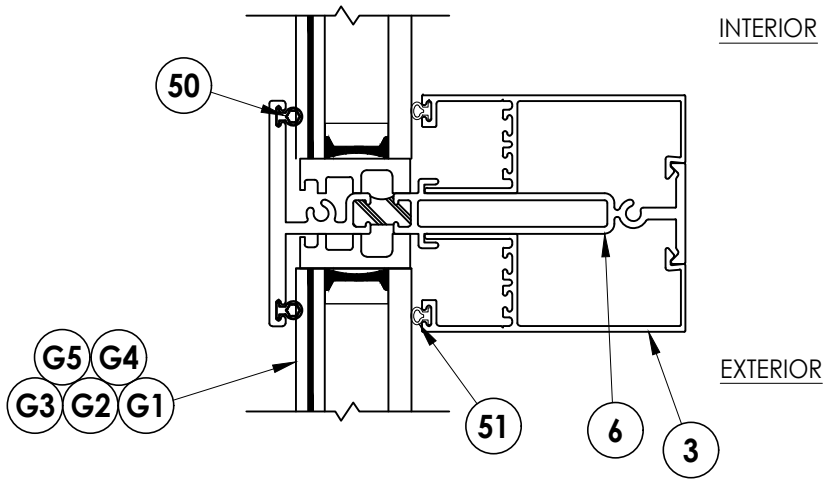
Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-16925 R8 Fixed\FL-16925.5.dwg



1 **HORIZONTAL CROSS SECTION**
3 Shown w/ 2X Buck option

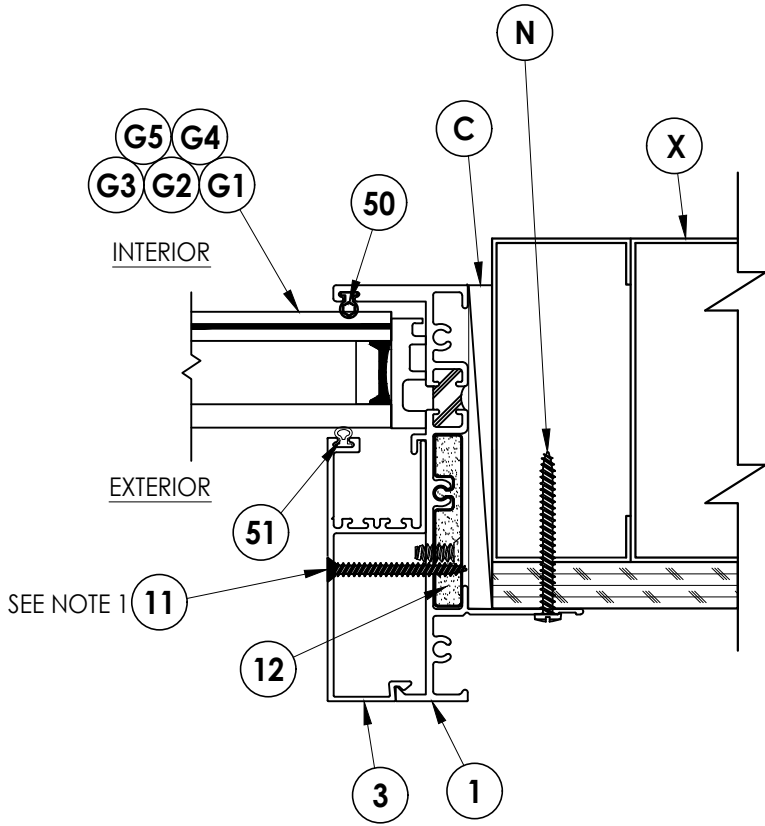


2 **HORIZONTAL CROSS SECTION**
3 Shown w/ 2X Stud option



4 **HORIZONTAL CROSS SECTION**
3

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads completely through metal stud. Maintain 1/2" min. edge distance.

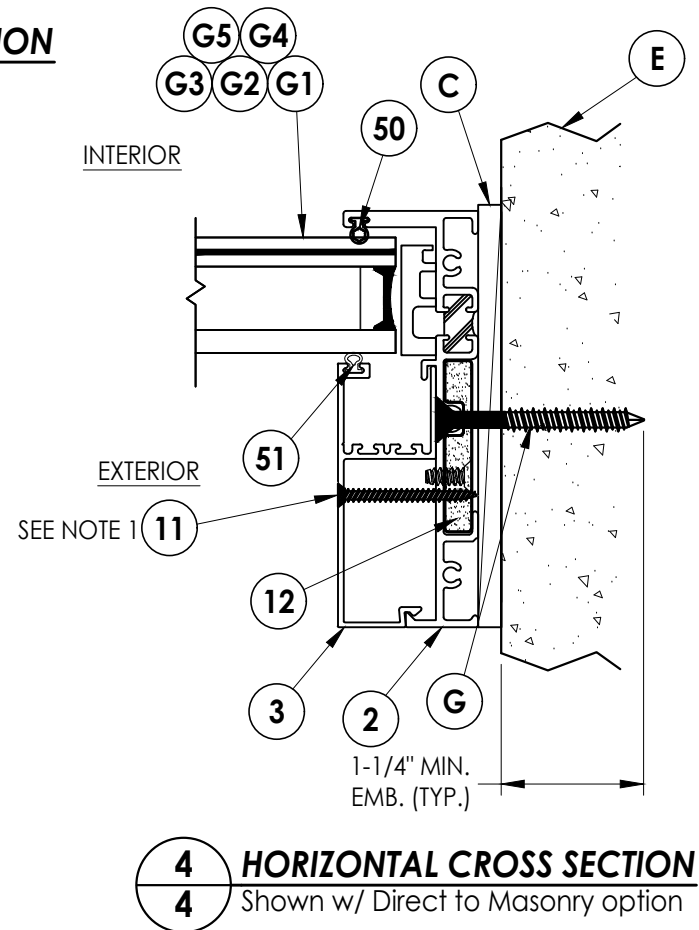
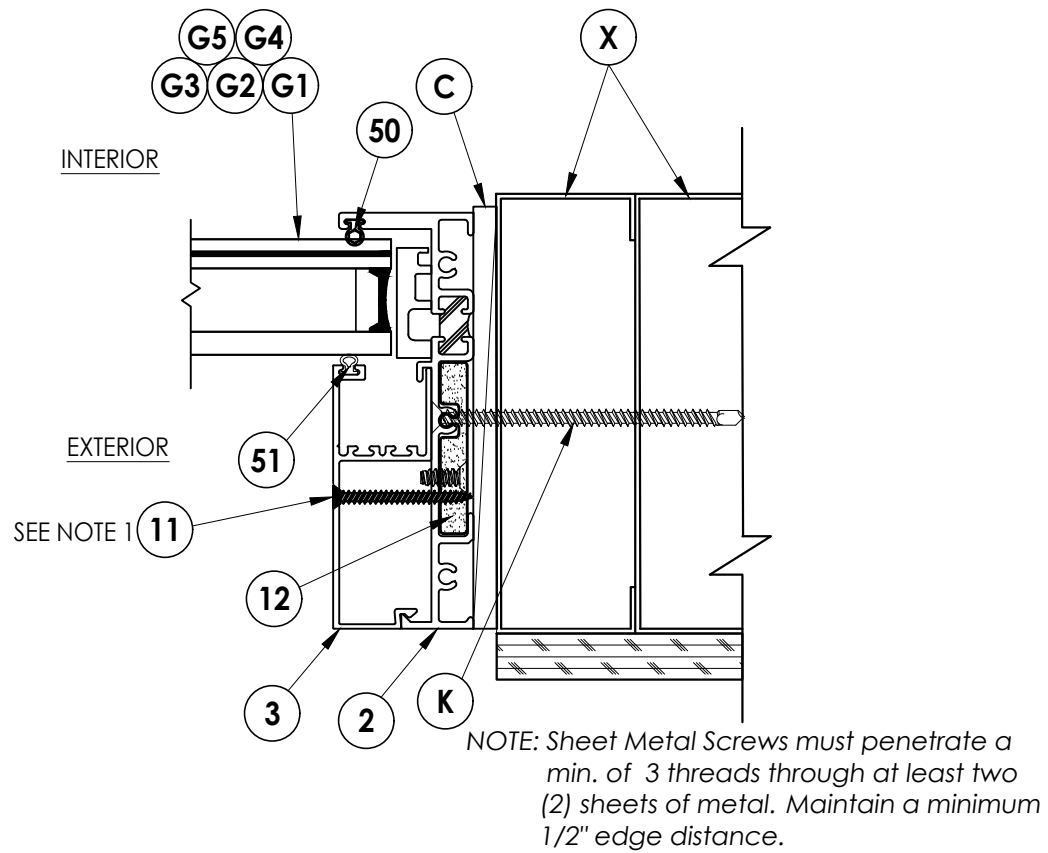
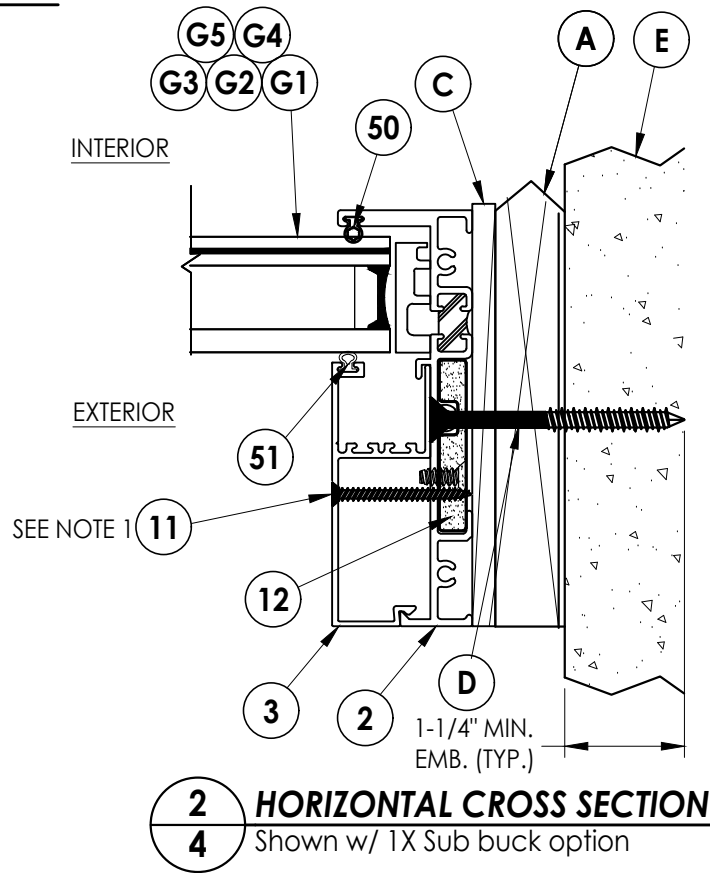
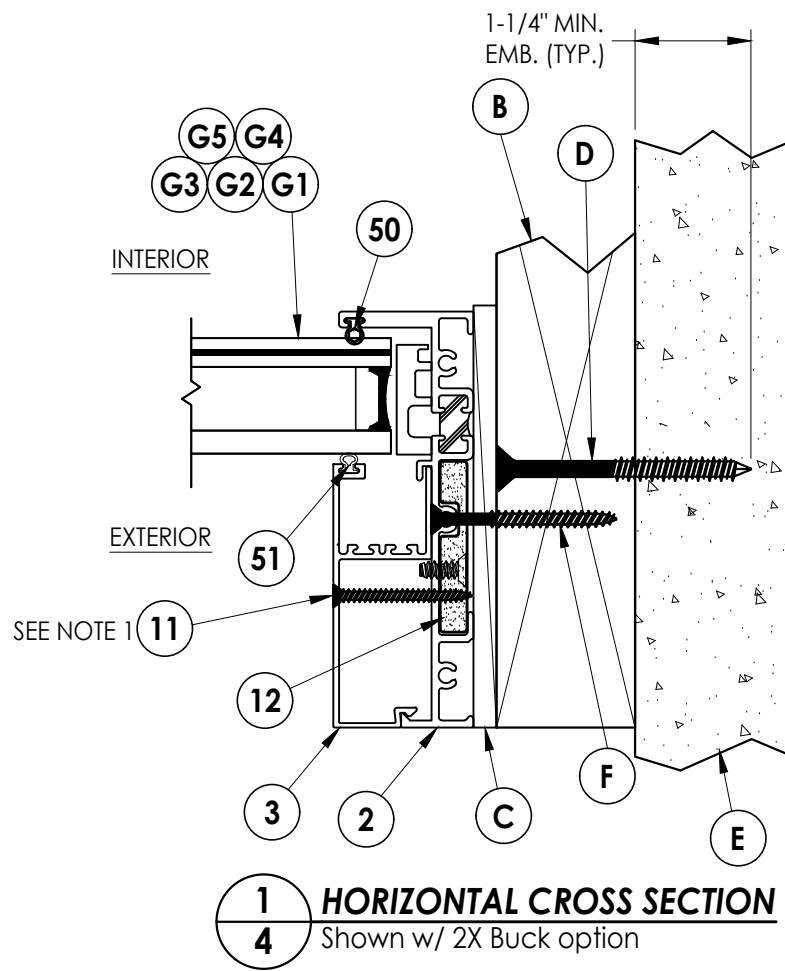


3 **HORIZONTAL CROSS SECTION**
3 Shown w/ Steel Stud option

NOTES:
1. Item #11 located 6" from each end and one in center along jambs (3 total).

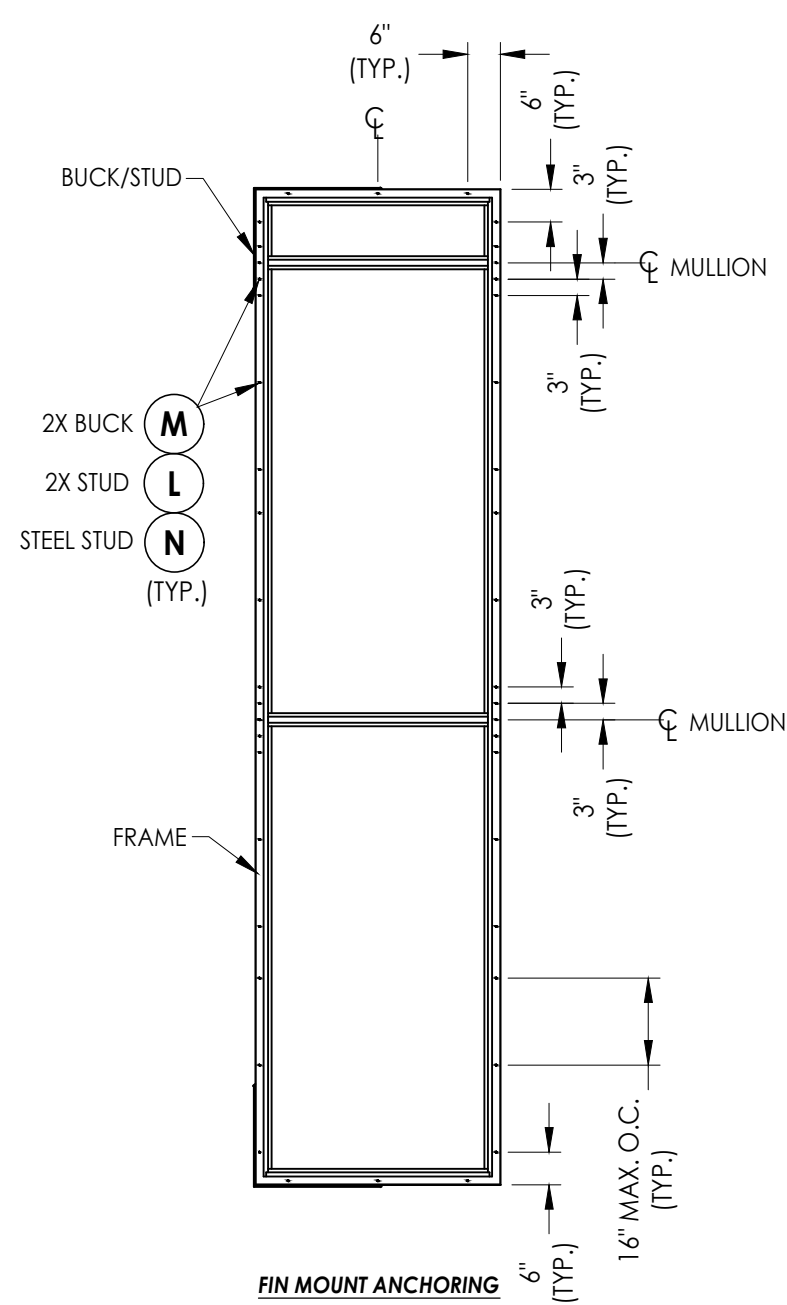
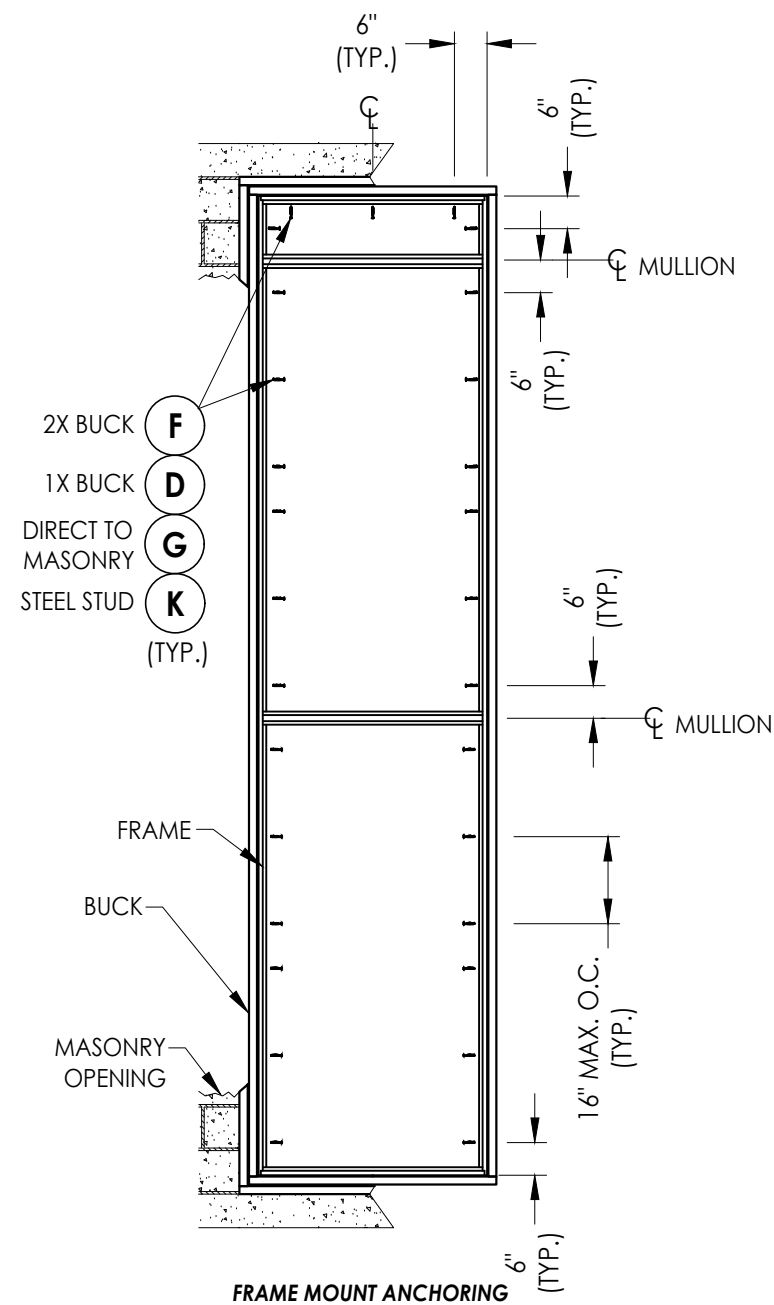
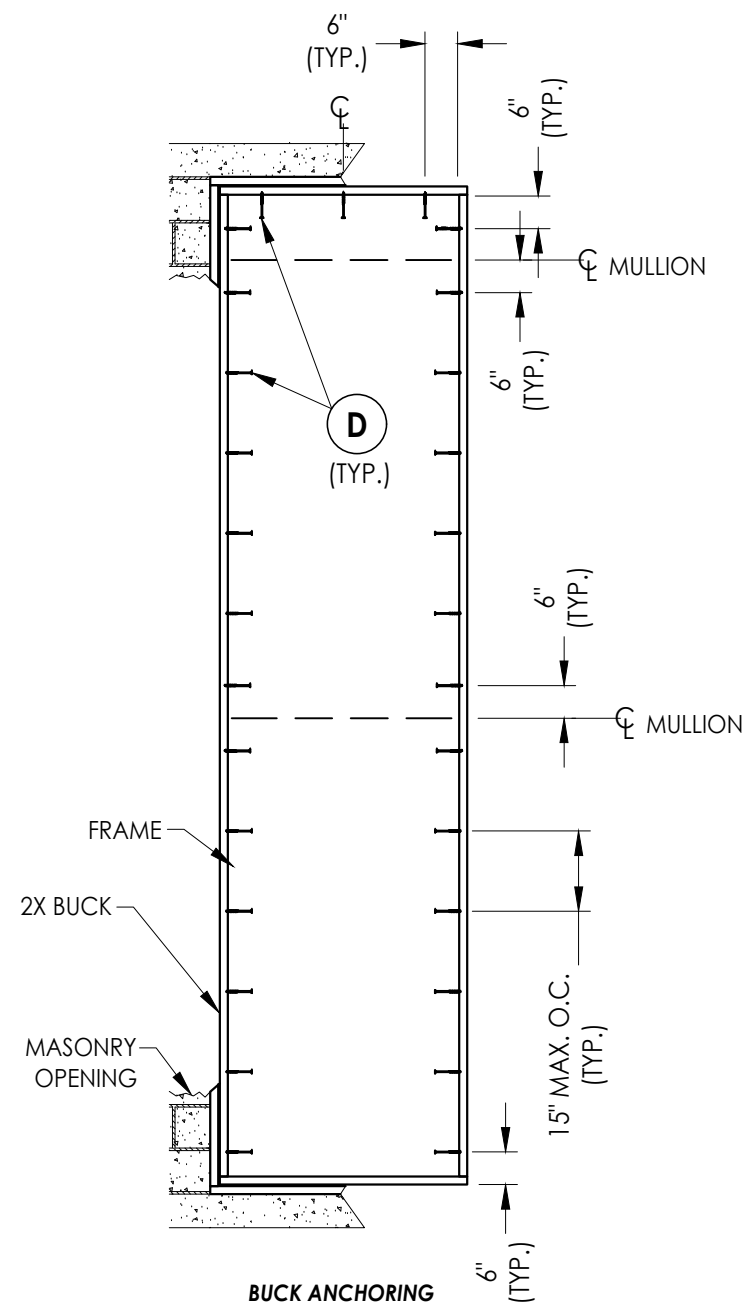
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813				
PRODUCT: FLEETWOOD WINDOWS & DOORS					PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS				
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS					
4	7/11/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
3	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC					
2	08/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS					
1	08/22/16	REVISE SERIES NAME	JK	JK					
NO.	DATE			BY					
					REVISIONS				
DATE: 6/27/16									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-16925.5									
SHEET 3 OF 7									

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-16925 R8 Fixed\FL-16925.5.dwg



NOTES:
1. Item #11 located 6" from each end and one in center along jams (3 total).

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	7/11/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	8/10/20	UPDATE TO 7th ED. (2020) FBC	DAC
2	08/03/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	08/22/16	REVISE SERIES NAME	JK
NO. DATE		REVISIONS	
DATE: 6/27/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16925.5			
SHEET 4 OF 7			



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"	1"	4"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/11/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
2	08/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	08/22/16	REVISE SERIES NAME		JK
NO.	DATE			BY
REVISIONS				

DATE: 6/27/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

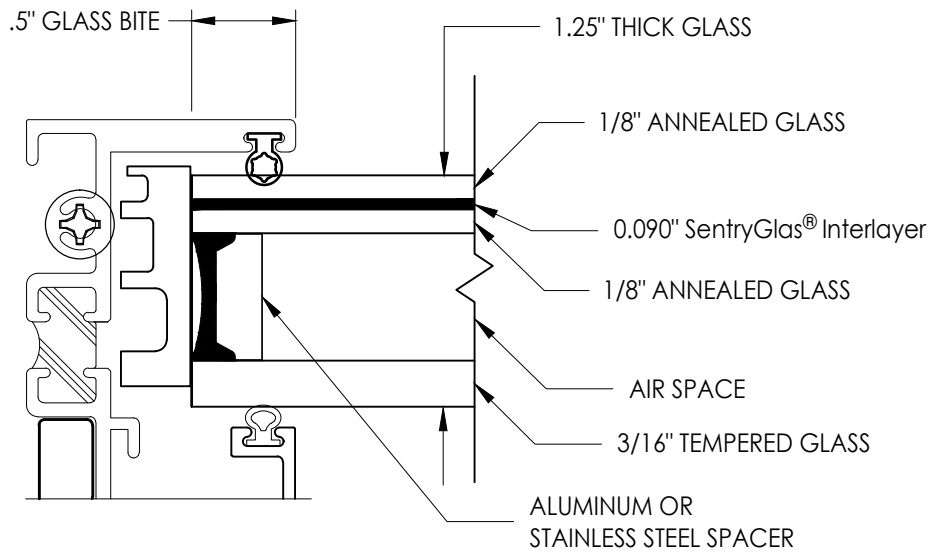
DRAWING NO.: FL-16925.5

SHEET 5 OF 7

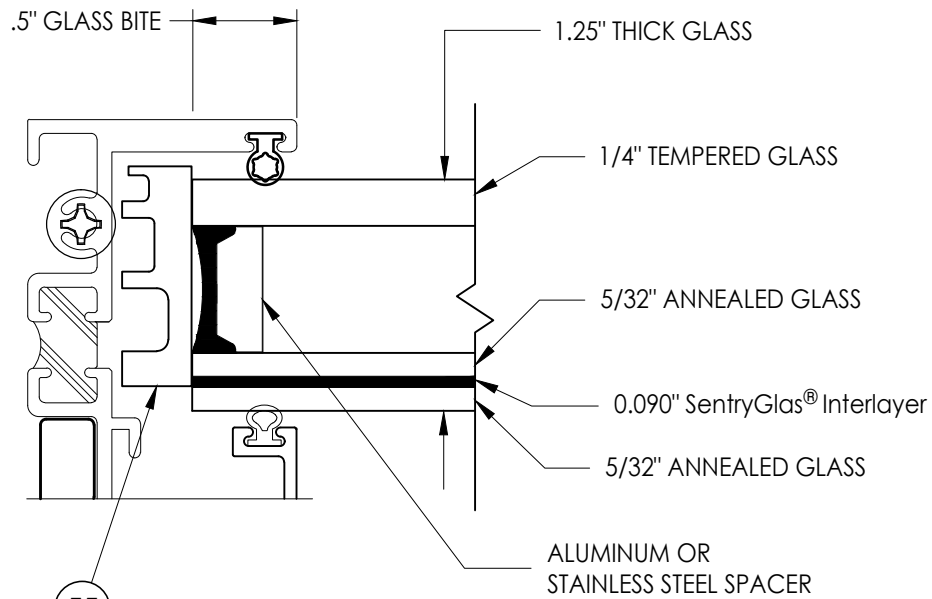
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R^{gW} BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-16925 R8 Fixed\FL-16925.5.dwg

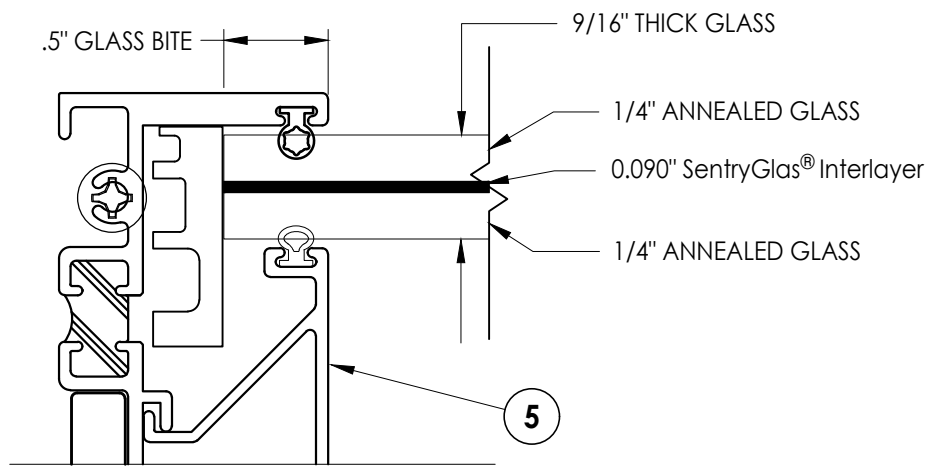


G4 GLAZING DETAIL

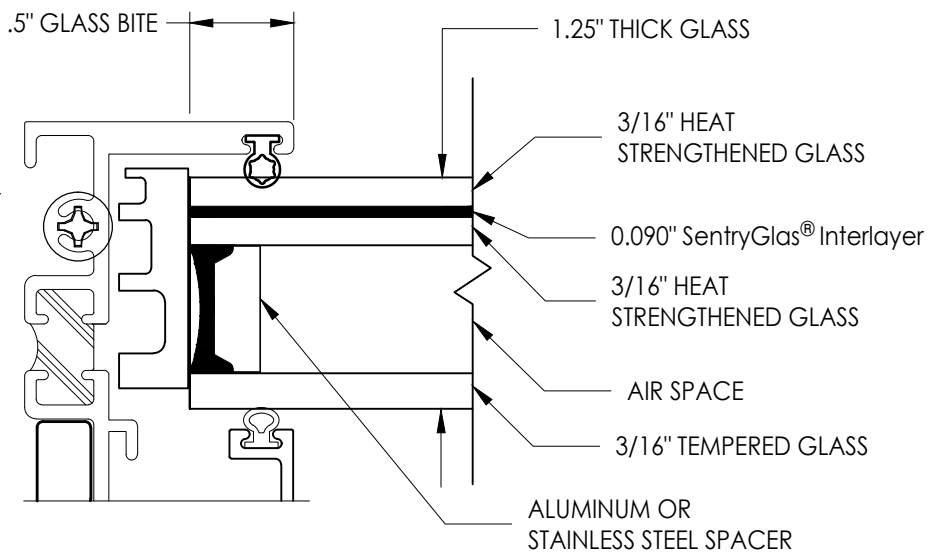


55 (TYP.) G5 GLAZING DETAIL

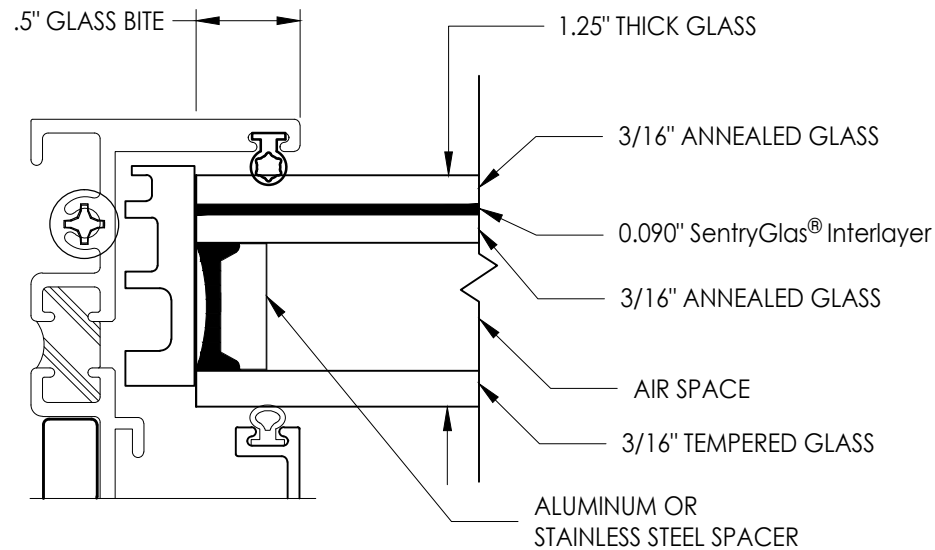
NOTE: GLAZING > 36" WIDE REQUIRES AT LEAST TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.



G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL

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

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:

GLAZING DETAILS

	5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
	4	7/11/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
	2	08/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
	1	08/22/16	REVISE SERIES NAME	JK	BY
	NO.	DATE			

REVISIONS

DATE: 6/27/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

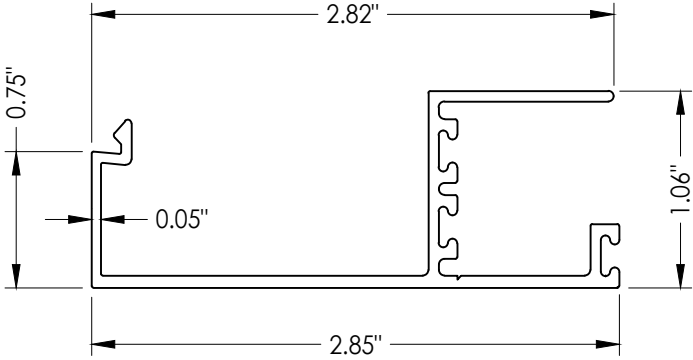
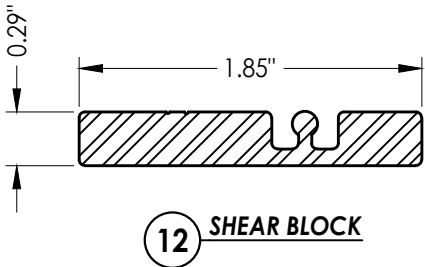
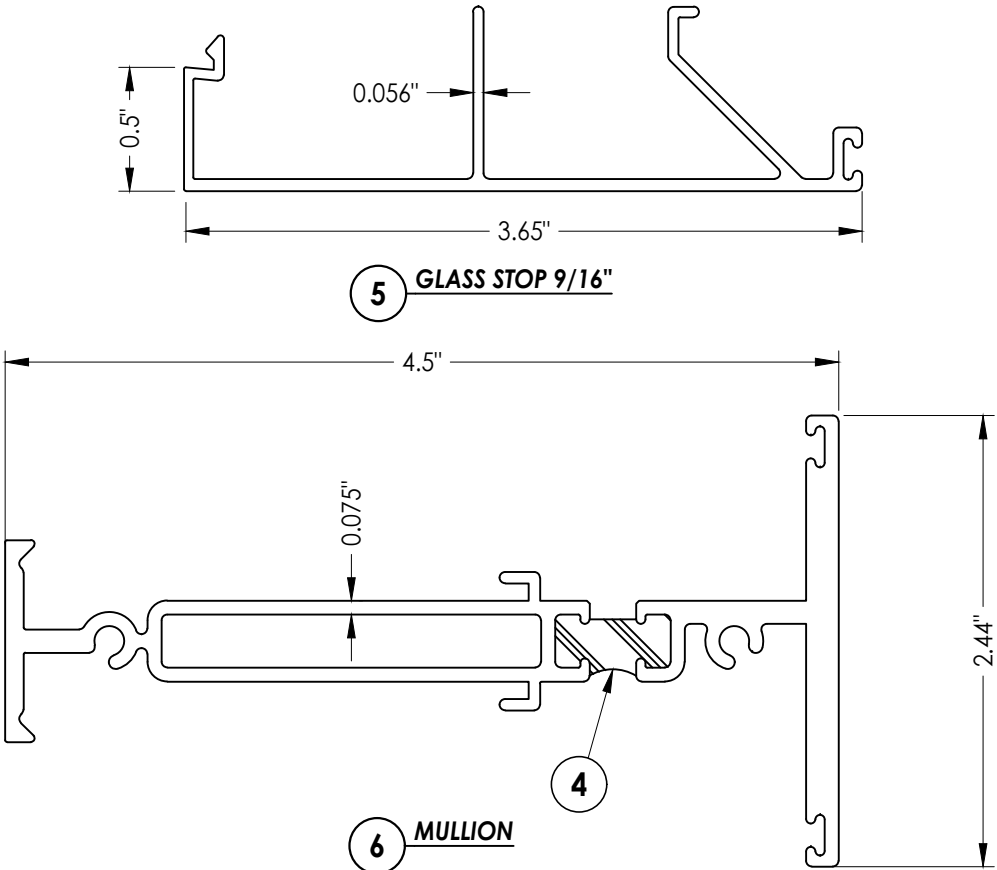
DRAWING NO.:

FL-16925.5

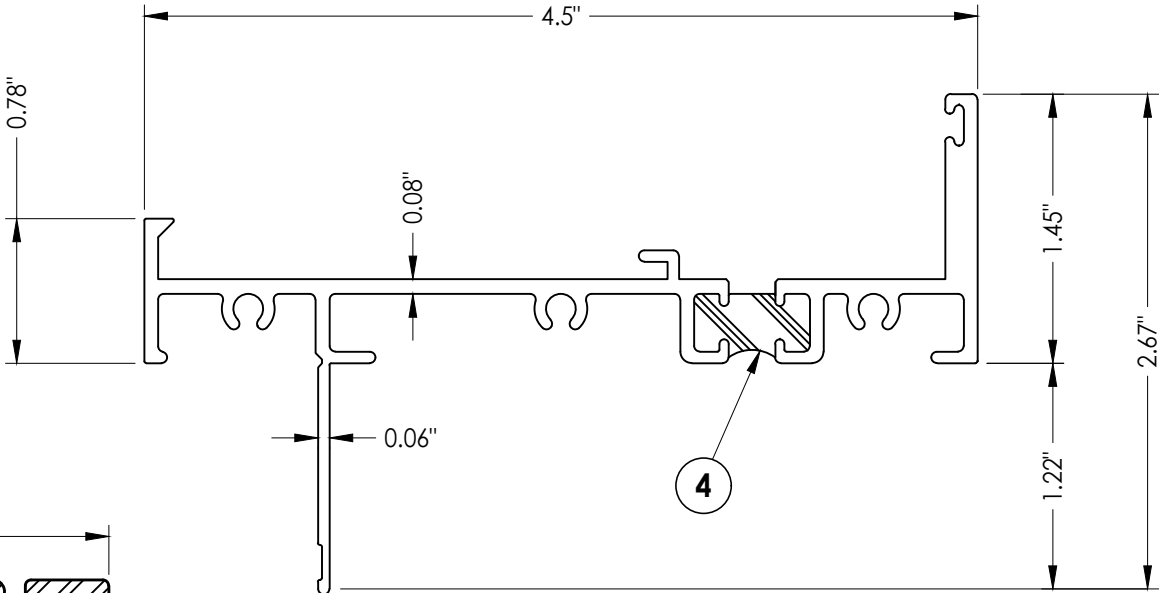
SHEET 6 OF 7

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-16925 R8 Fixed\FL-16925.5.dwg

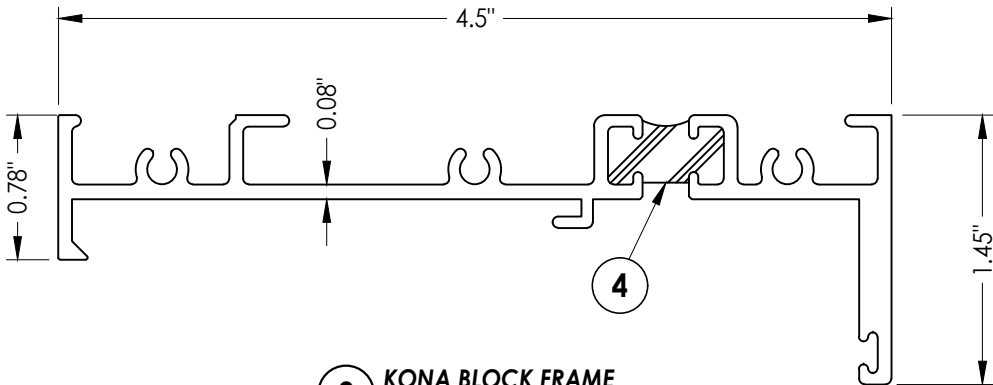
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" x 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 FH SELF-DRILLING SMS	STEEL
L	#10 X 2" PPH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
M	#10 X 1-1/2" PPH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
N	#10 PH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	KONA FIN BLOCK FRAME	6063-T6 ALUM
2	KONA BLOCK FRAME	6063-T6 ALUM
3	GLASS STOP (1-1/4")	6063-T6 ALUM
4	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
5	GLASS STOP (1-1/4")	6063-T6 ALUM
6	MULLION	6063-T6 ALUM
11	#8 X 1-1/2" PFH SMS	STEEL
12	SHEAR BLOCK	6061-T6 ALUM
40	#10 X 1" PPH SMS	STEEL
50	BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
51	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
55	SETTING BLOCK	-



3 GLASS STOP 1-1/4"



1 KONA FIN BLOCK FRAME



2 KONA BLOCK FRAME

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS	
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	7/11/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	8/10/20	UPDATE TO 7th ED. (2020) FBC	DAC
2	08/03/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	08/22/16	REVISE SERIES NAME	JK
NO.	DATE		BY
REVISIONS			
DATE: 6/27/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16925.5			
SHEET 7 OF 7			