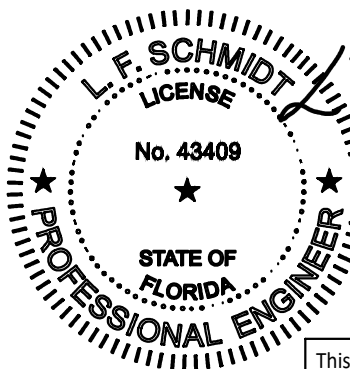




Digitally signed by
Lyndon F Schmidt
Date: 2026.07.06
11:30:03 -04'00'

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

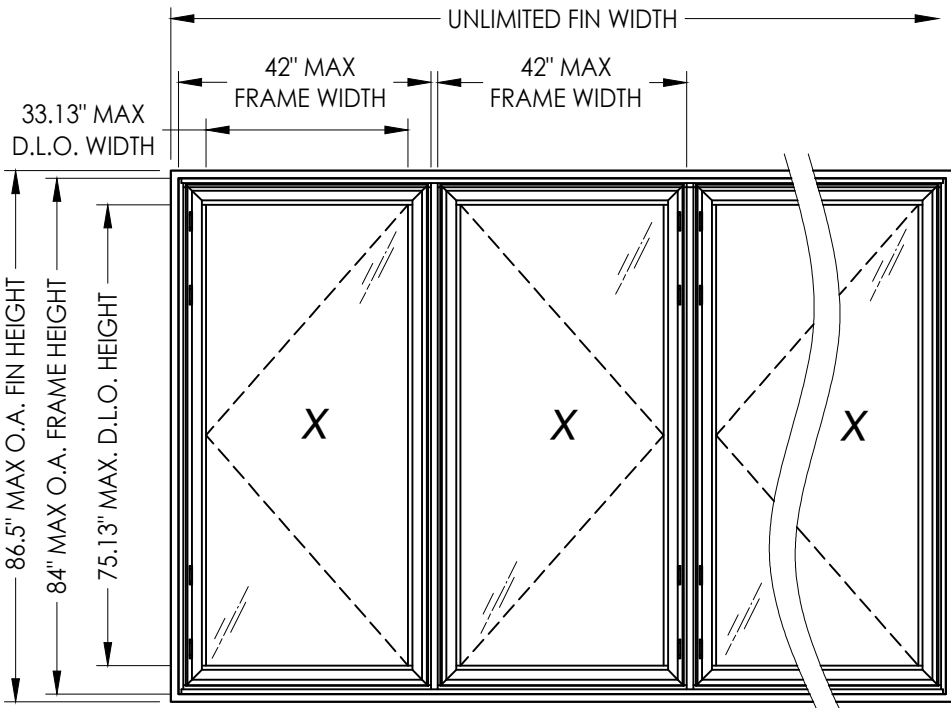
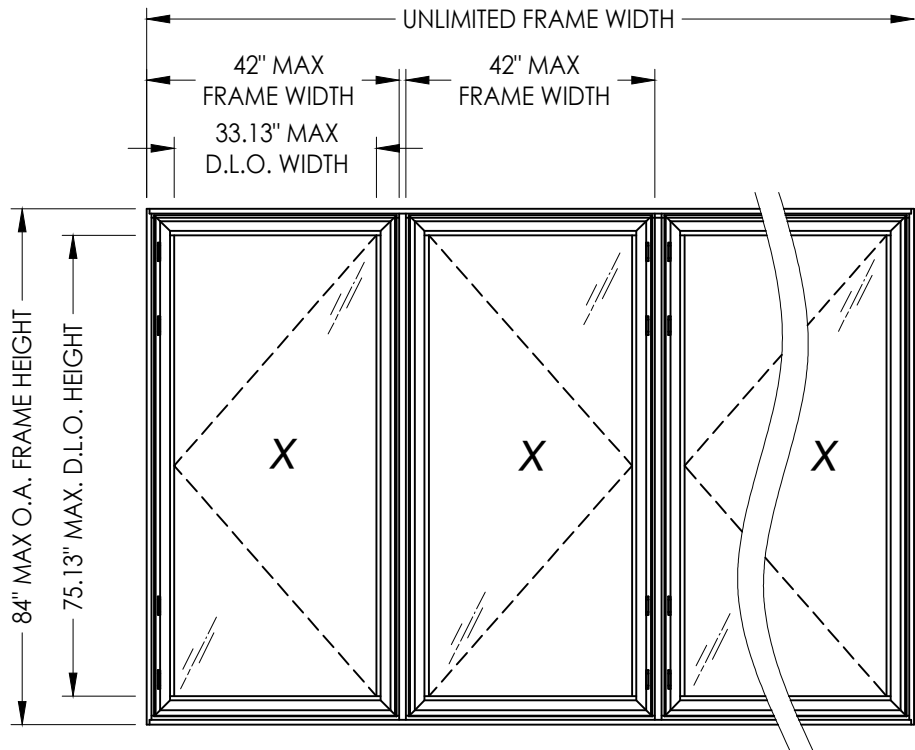
Series 3800-T w/ Series 350-T
Aluminum Casement Window
w/ Thermal Break Frame
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding 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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2 .
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Elevations
3	Horizontal and vertical cross sections
4	Horizontal and vertical cross sections
5	Horizontal cross sections
6	Vertical cross sections
7	Buck anchoring
8	Frame anchoring
9	Buck anchoring
10	Frame anchoring
11	Bill of materials, components and glazing detail



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
UNLIMITED X 67.5"	UNLIMITED X 65"	33.63" X 56.63"	G1	+65.0	-65.0
UNLIMITED X 86.5"	UNLIMITED X 84"	33.13" X 75.13"	G1	+65.0	-65.0

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 AND DOORS

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

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC
5	12/7/21	SERIES NAME CHANGE
4	8/06/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 10/23/13

SCALE: N.T.S.

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CHK. BY: LFS

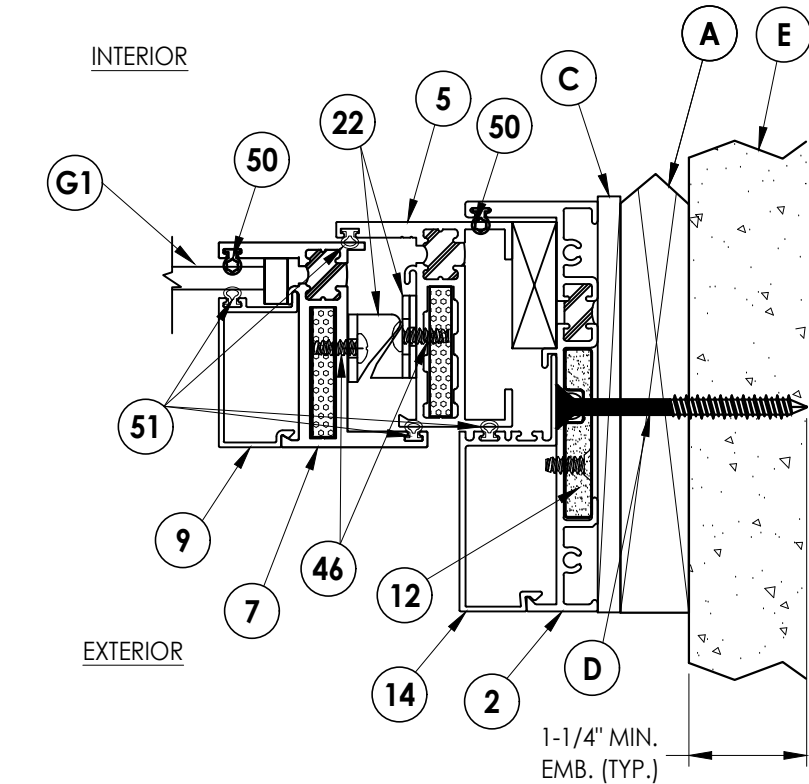
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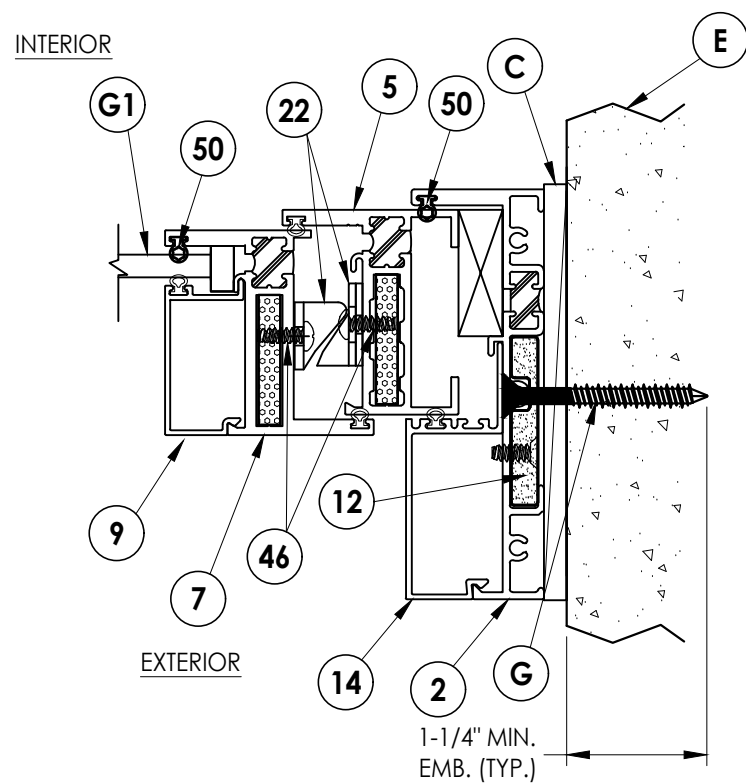
SHEET 1 OF 11

DATE: 10/23/13		DRAWING NO.: FL-14904.2		CHK. BY: LFS		DWG. BY: JK		SCALE: N.T.S.		PRODUCT: FLEETWOOD WINDOWS AND DOORS		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
NO.		DATE		REVISONS		BY		DAS		PART OR ASSEMBLY:		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
7		7/02/26		UPDATE TO 9TH ED. (2026)		FBC		LFS		FLEETWOOD WINDOWS AND DOORS		P.E. No. 43409	
6		7/12/23		UPDATE TO 8TH ED. (2023)		FBC		LFS		FLEETWOOD WINDOWS AND DOORS		P.E. No. 43409	
5		12/7/21		SERIES NAME CHANGE		LFS		LFS		FLEETWOOD WINDOWS AND DOORS		P.E. No. 43409	
4		8/06/20		UPDATE TO 7TH ED. (2020)		FBC		DAS		FLEETWOOD WINDOWS AND DOORS		P.E. No. 43409	
NO.		DATE		REVISONS		BY		DAS		FLEETWOOD WINDOWS AND DOORS		P.E. No. 43409	

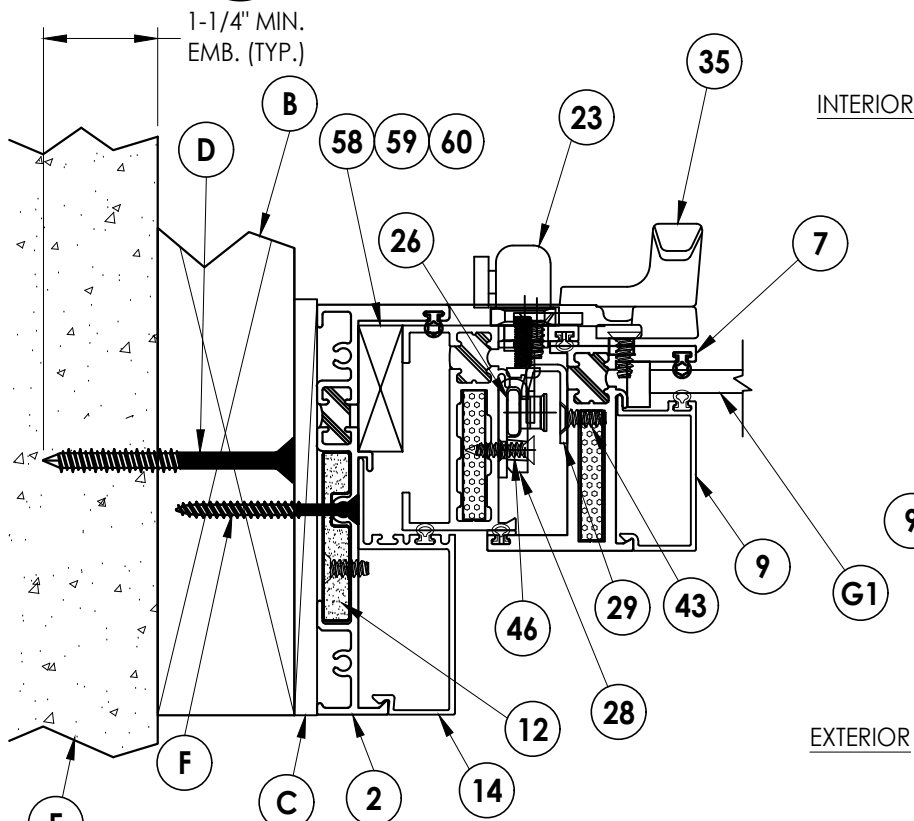
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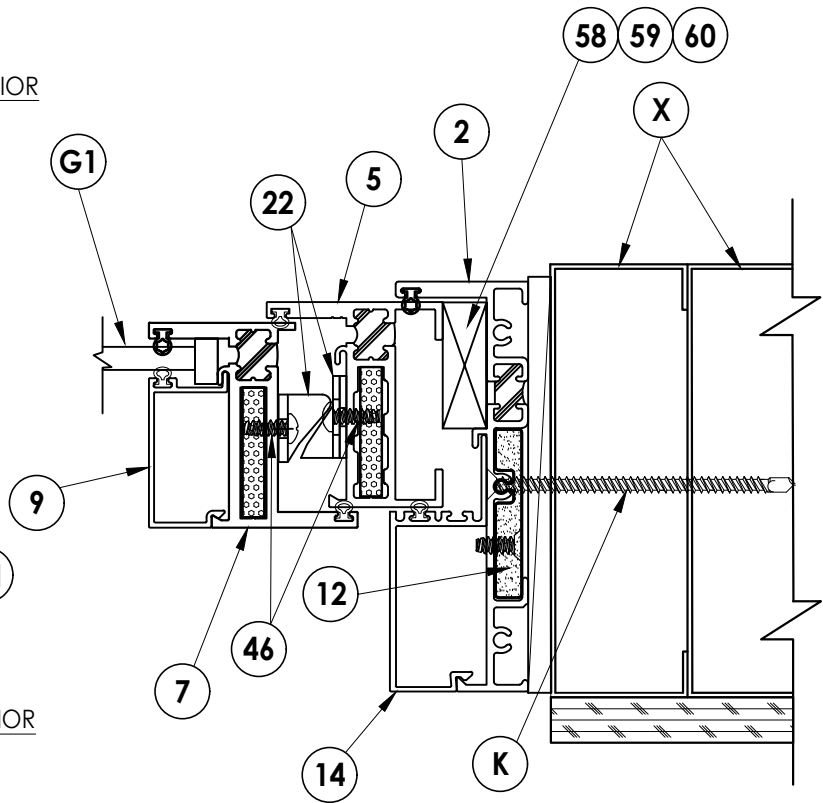
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3 Shown w/ 1X Sub buck option



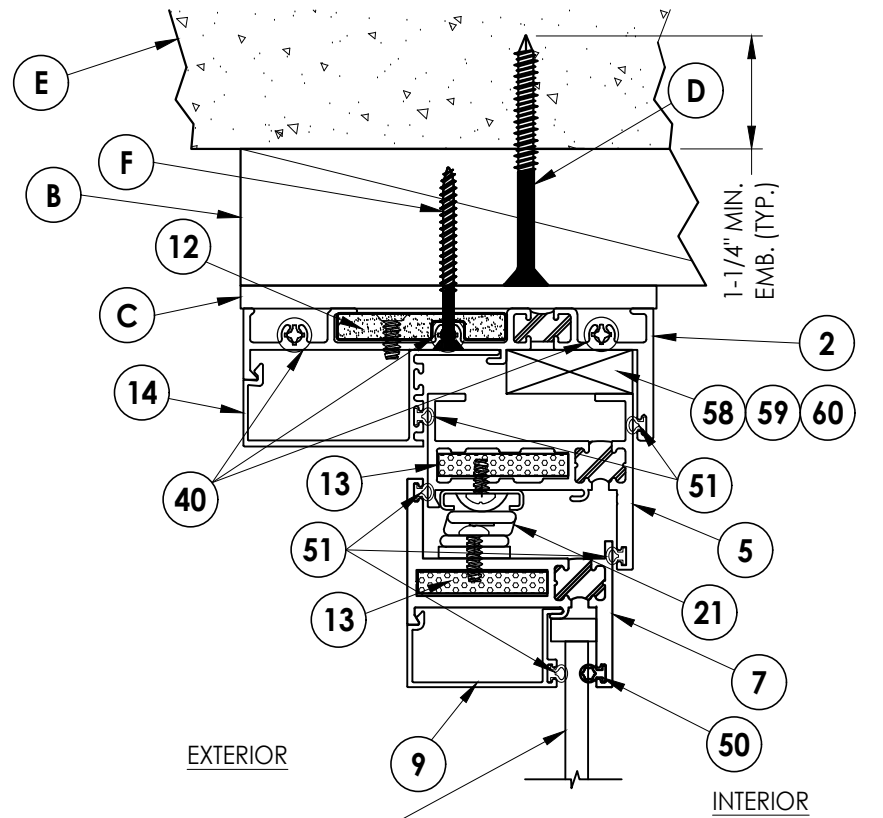
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3 Shown w/ Direct to Masonry option



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



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



5 **VERTICAL CROSS SECTION**
3 Shown w/ 2X Buck Construction

NOTE:
1. Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal.

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 AND DOORS

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	12/7/21	SERIES NAME CHANGE LFS
4	8/06/20	UPDATE TO 7TH ED. (2020) FBC DAC
		BY

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

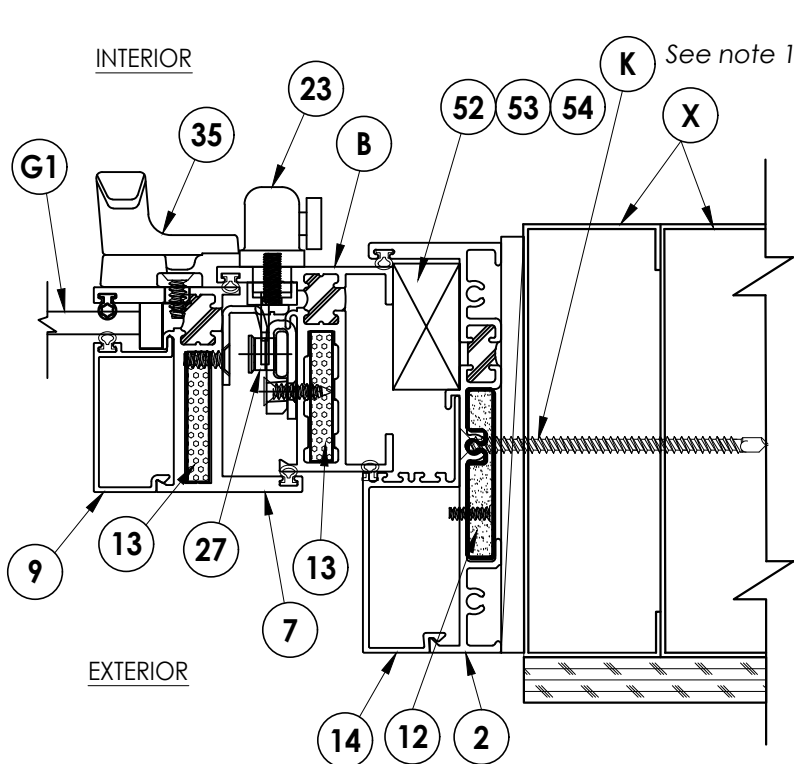
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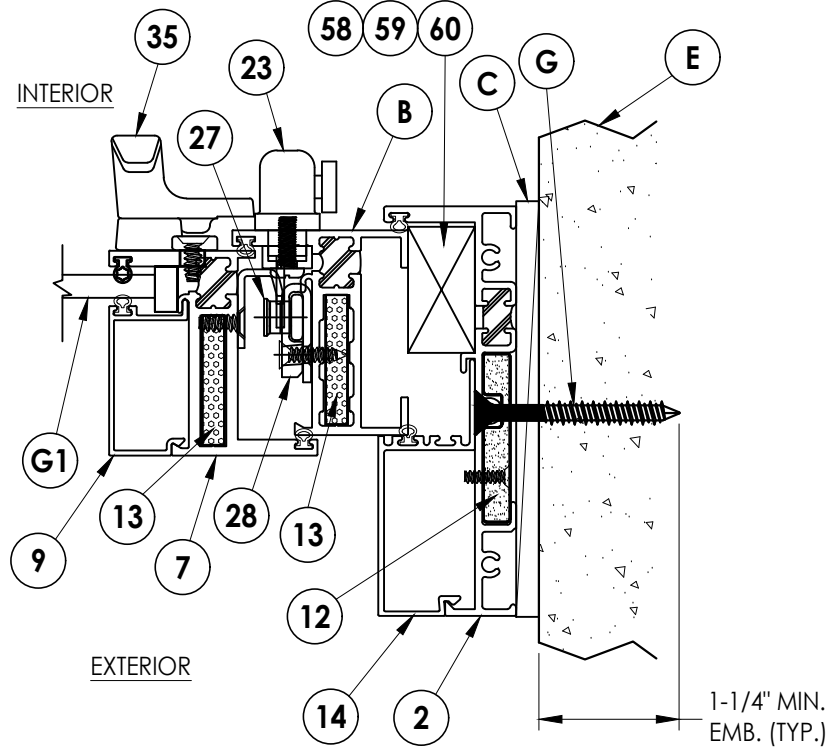
FL-14904.2

SHEET 3 OF 11

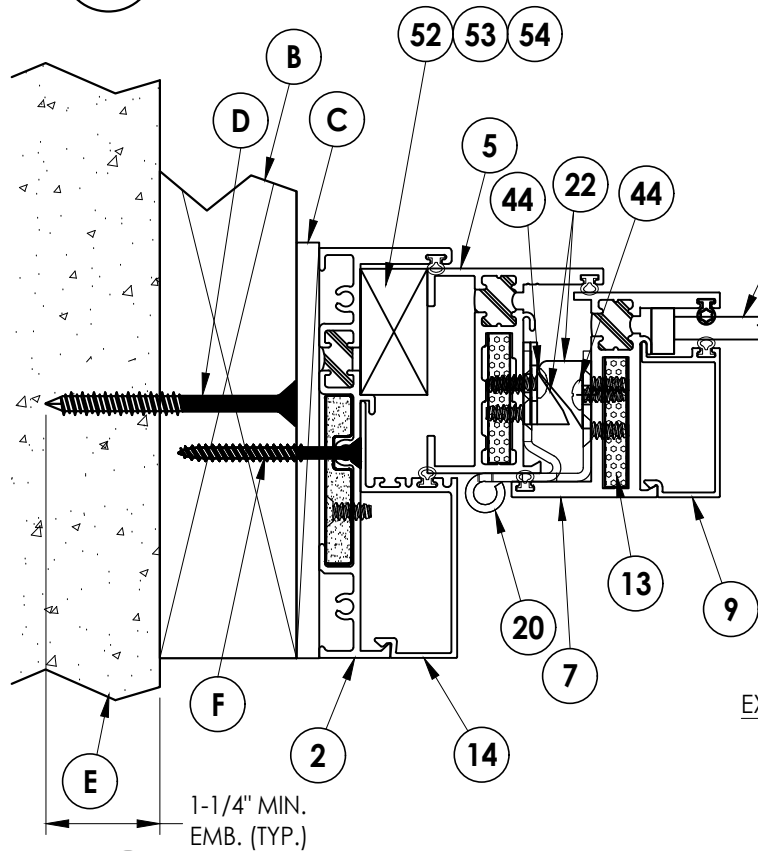
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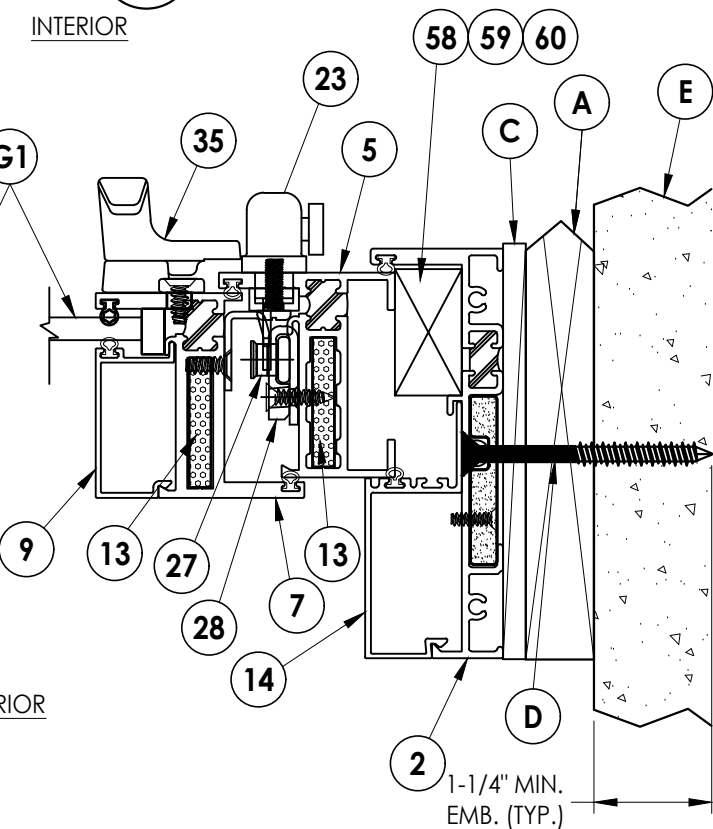
3 **HORIZONTAL CROSS SECTION**
4 Shown w/ Steel Stud option



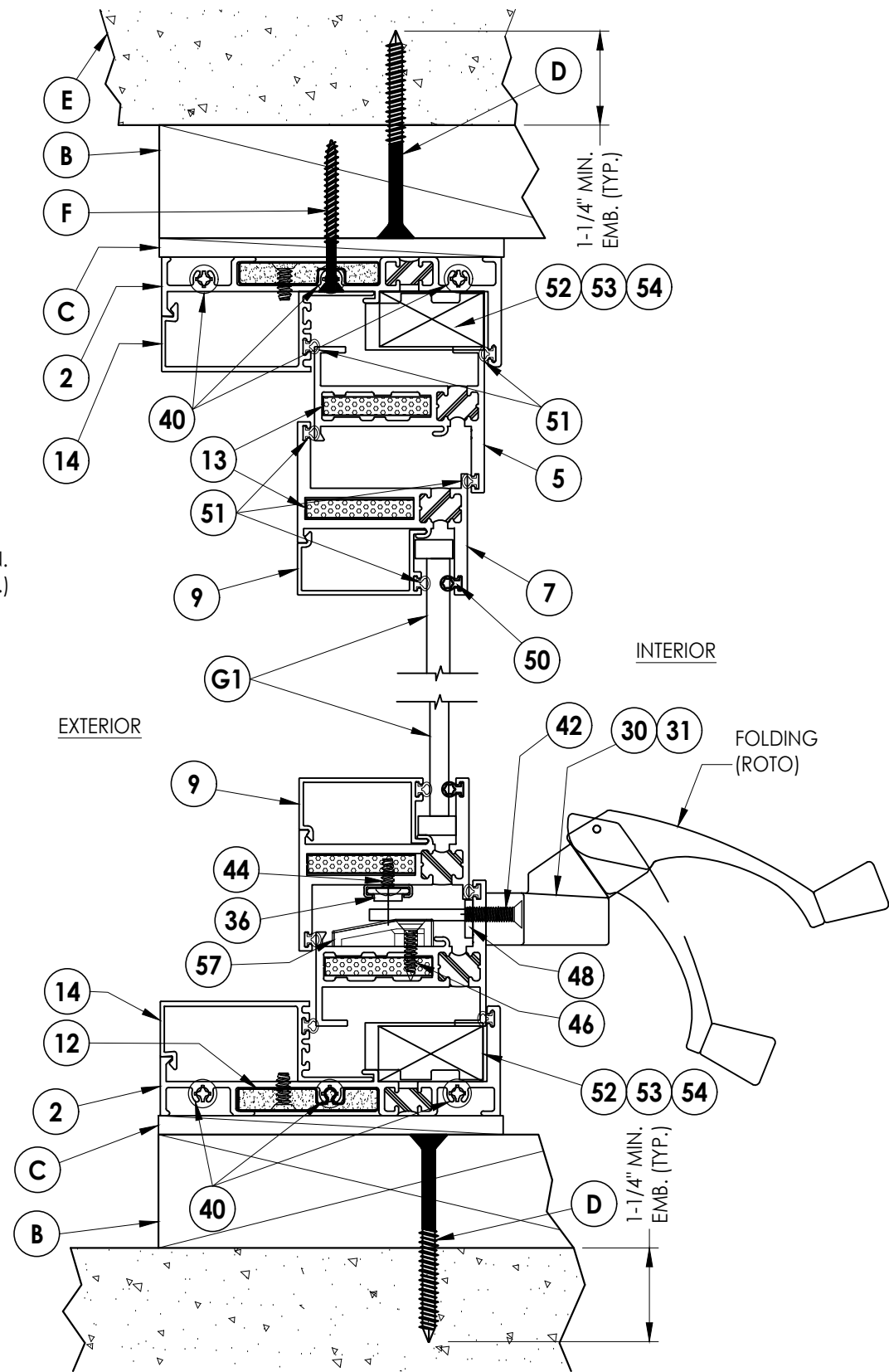
4 **HORIZONTAL CROSS SECTION**
4 Shown w/ Direct to Masonry option



1 **HORIZONTAL CROSS SECTION**
4 Shown w/ 2X Buck Construction



2 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X Sub buck option



5 **VERTICAL CROSS SECTION**
4 Shown w/ 2X Buck Construction

NOTE:

1. Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal.

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

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	12/7/21	SERIES NAME CHANGE		LFS
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
NO.	DATE			BY

DATE: 10/23/13

SCALE: N.T.S.

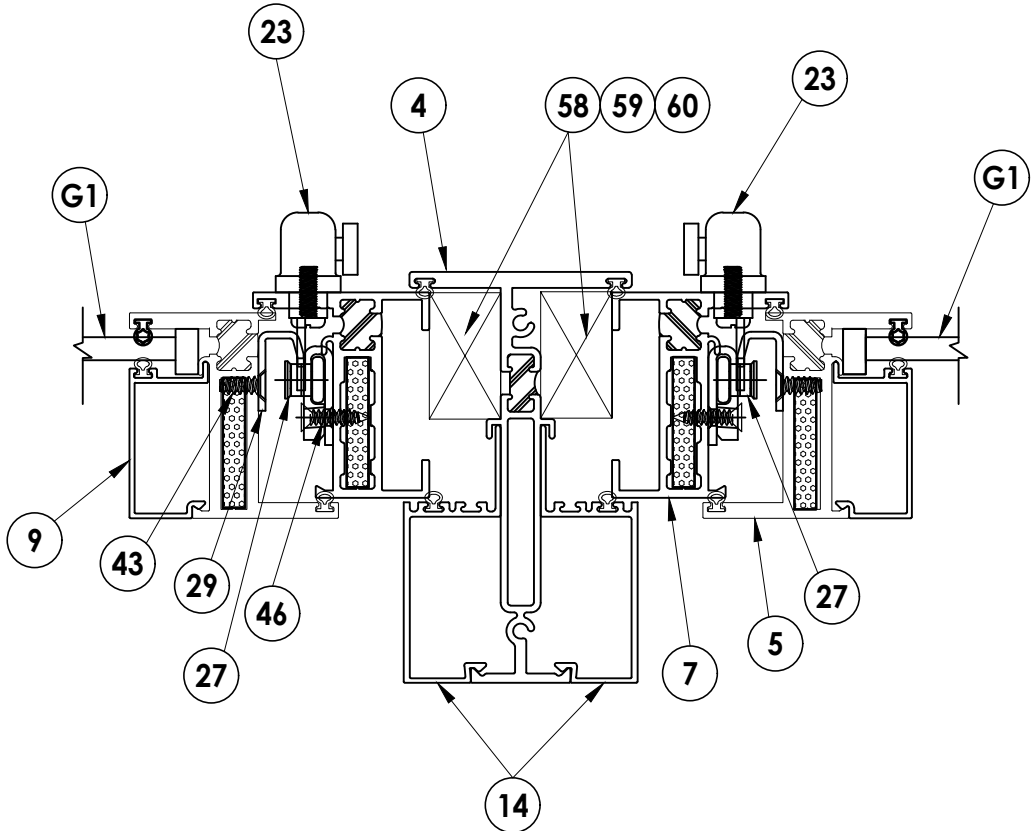
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CHK. BY: LFS

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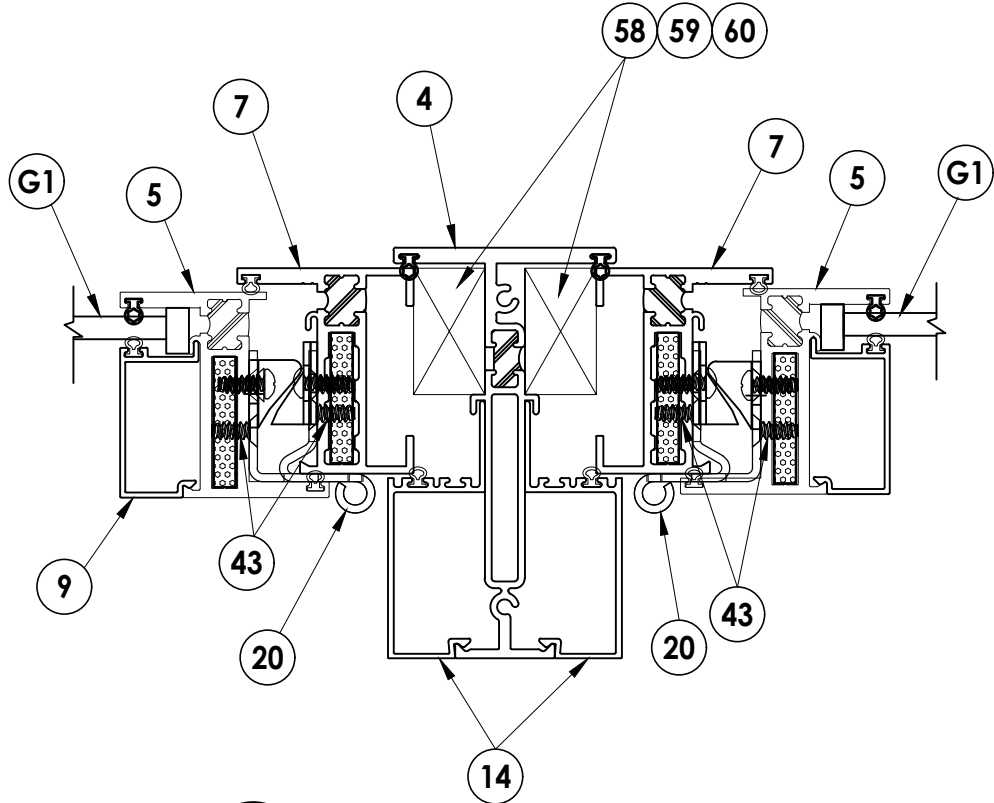
SHEET 4 OF 11

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



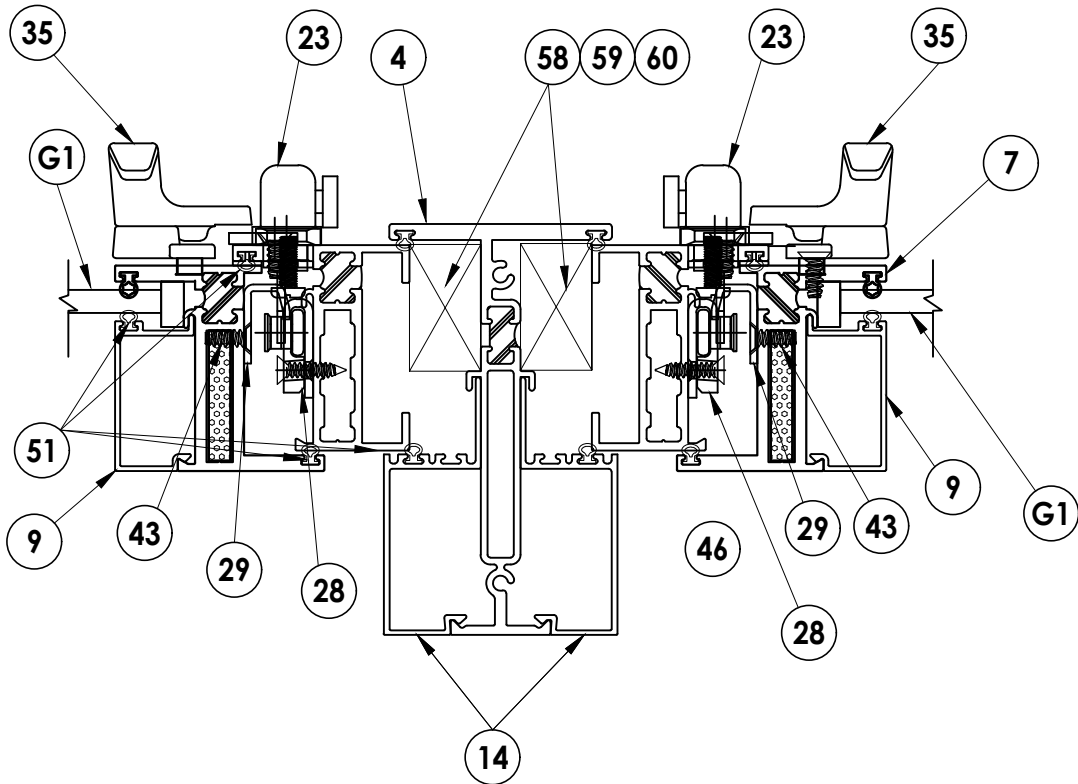
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HORIZONTAL CROSS SECTION

INTERIOR

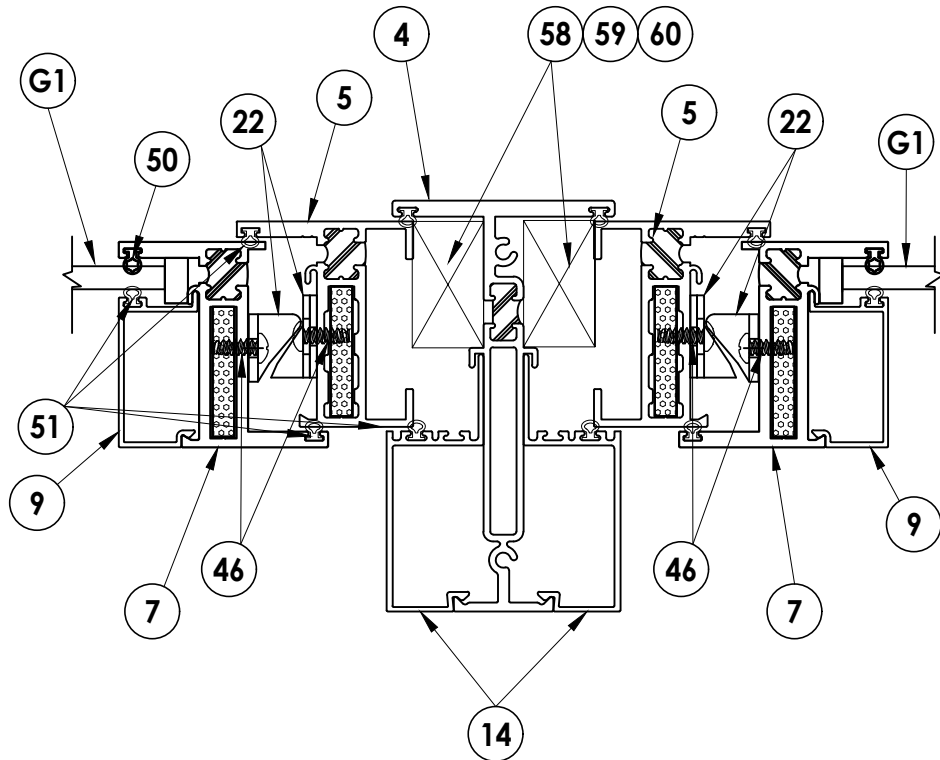


2
5
HORIZONTAL CROSS SECTION

EXTERIOR



3
5
HORIZONTAL CROSS SECTION



4
5
HORIZONTAL CROSS SECTION

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:

FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

HORIZONTAL
CROSS SECTIONS

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

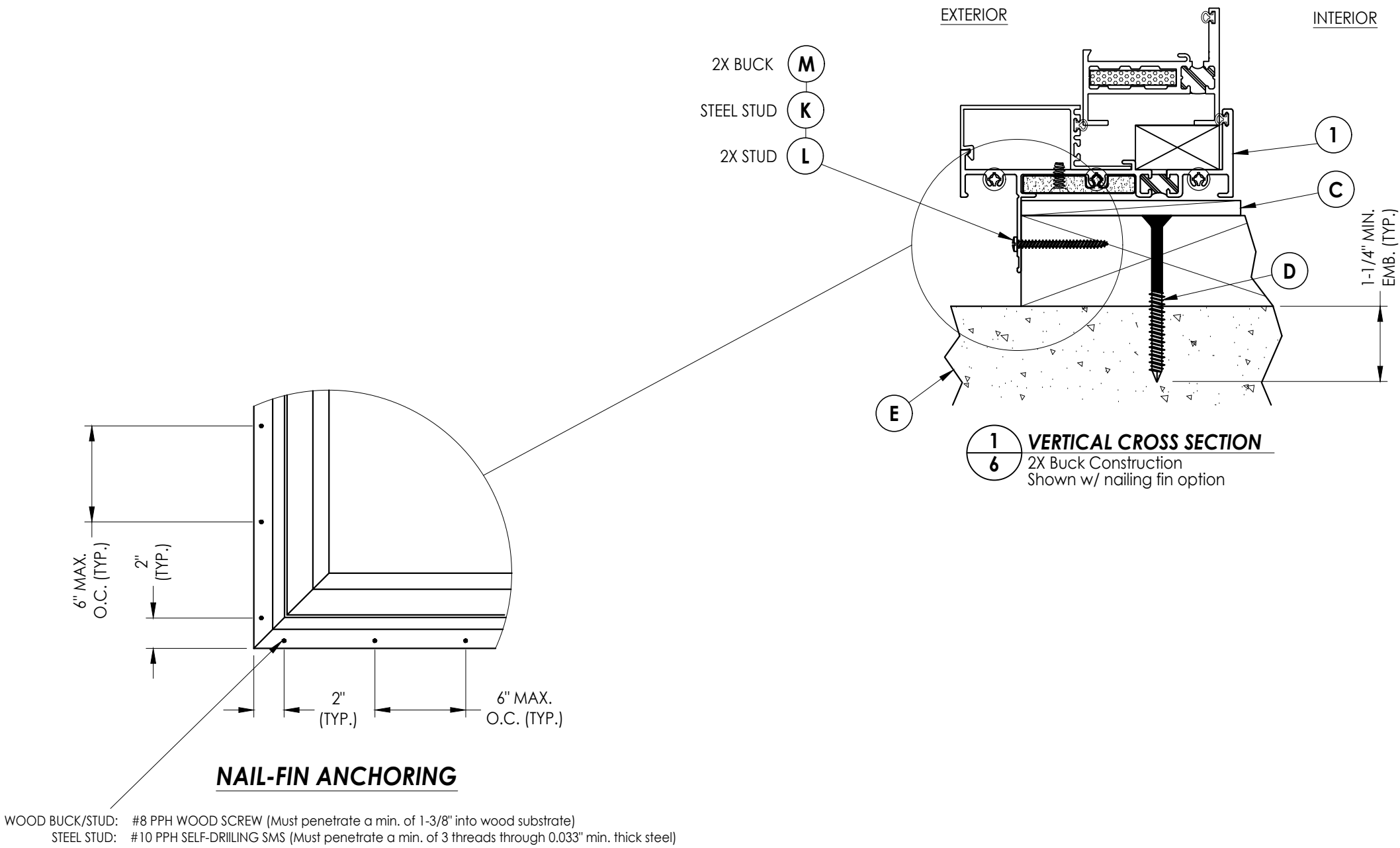
CHK. BY: LFS

DRAWING NO.:
FL-14904.2

SHEET 5 OF 11

R.W. BUILDING CONSULTANTS, INC.

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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

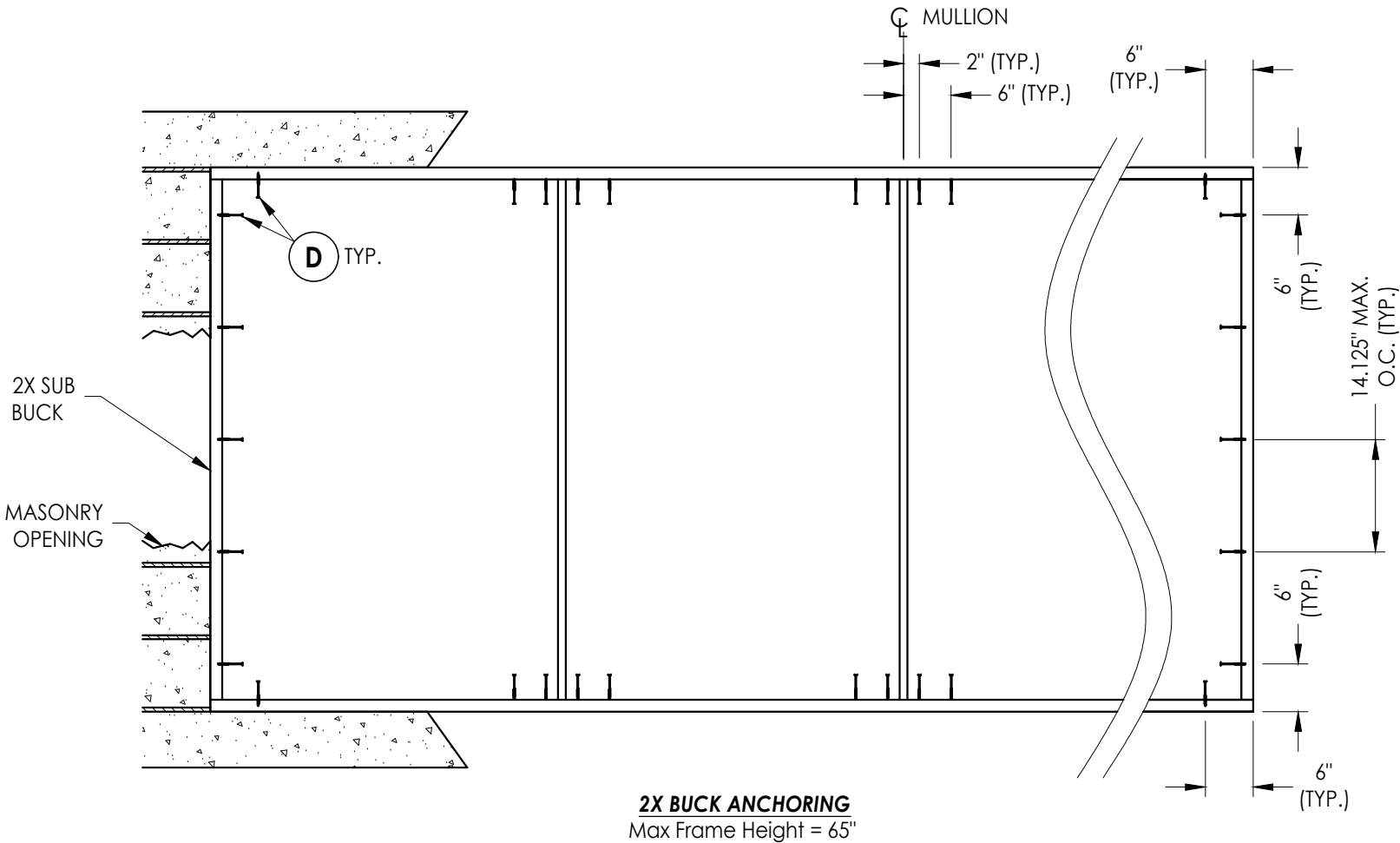
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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CONCRETE ANCHOR NOTES:

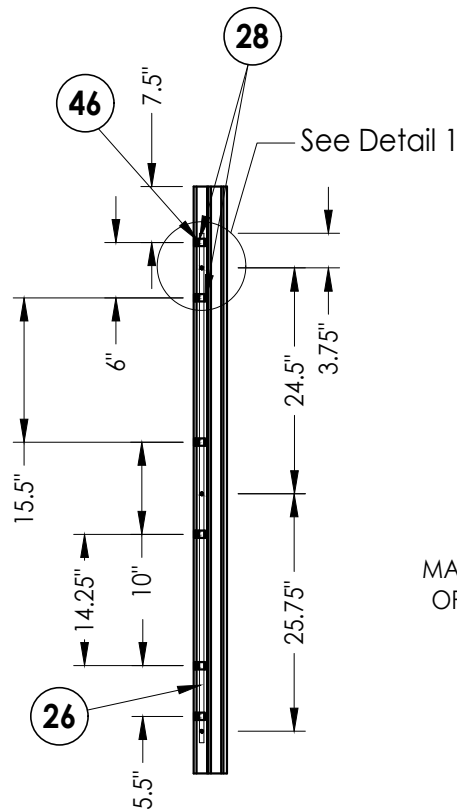
- 1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"

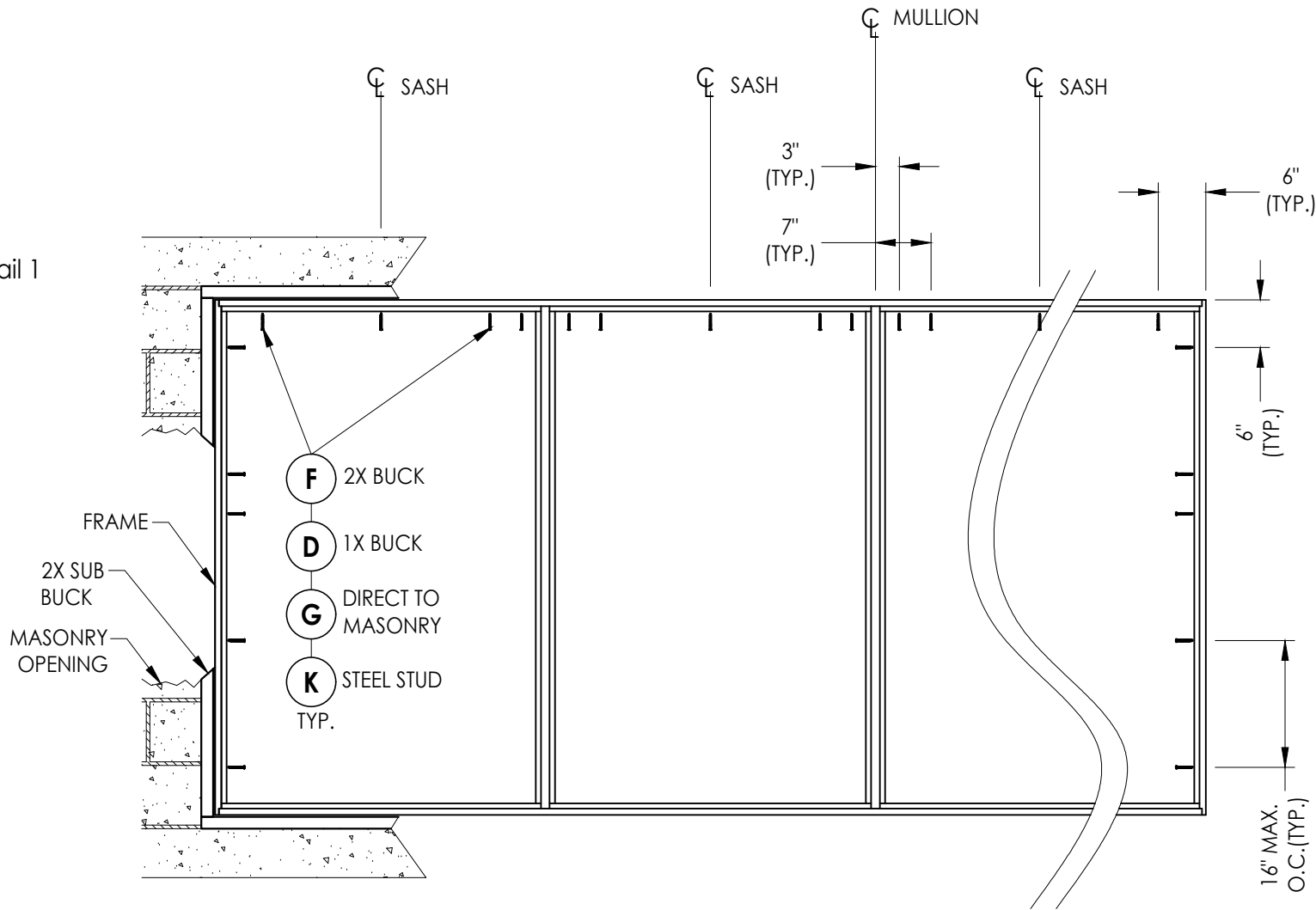


PRODUCT:		FLEETWOOD WINDOWS AND DOORS		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY:		BUCK ANCHORING		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
REVISIONS					
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	12/7/21	SERIES NAME CHANGE		LFS	
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
NO.	DATE			BY	
DATE: 10/23/13					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14904.2					
SHEET 7 OF 11					

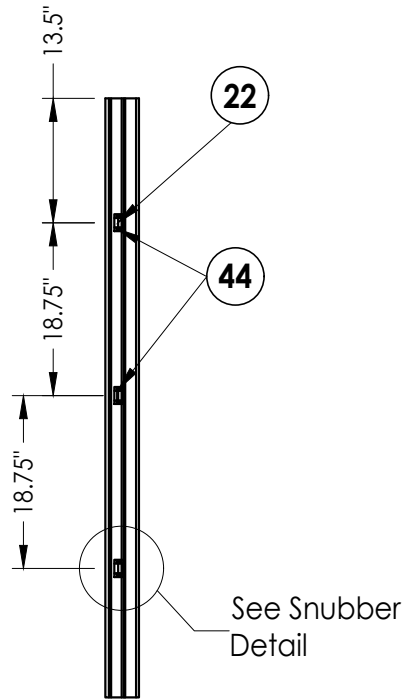
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LOCK JAMB
Locking Points (3)



FRAME ANCHORING
Max Frame Height = 65"



SNUBBERS JAMB

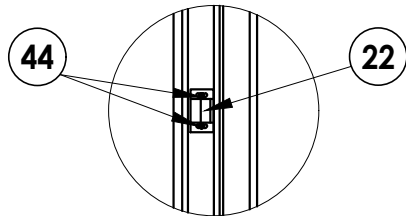
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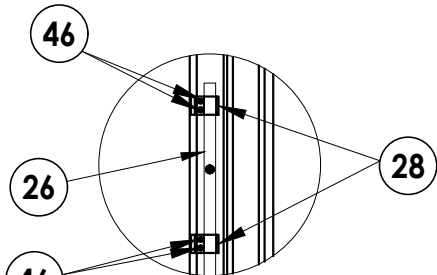
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WOOD SCREW INSTALLATION NOTES:

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



SNUBBER DETAIL



DETAIL 1

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

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	12/7/21	SERIES NAME CHANGE LFS
4	8/06/20	UPDATE TO 7TH ED. (2020) FBC DAC

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-14904.2

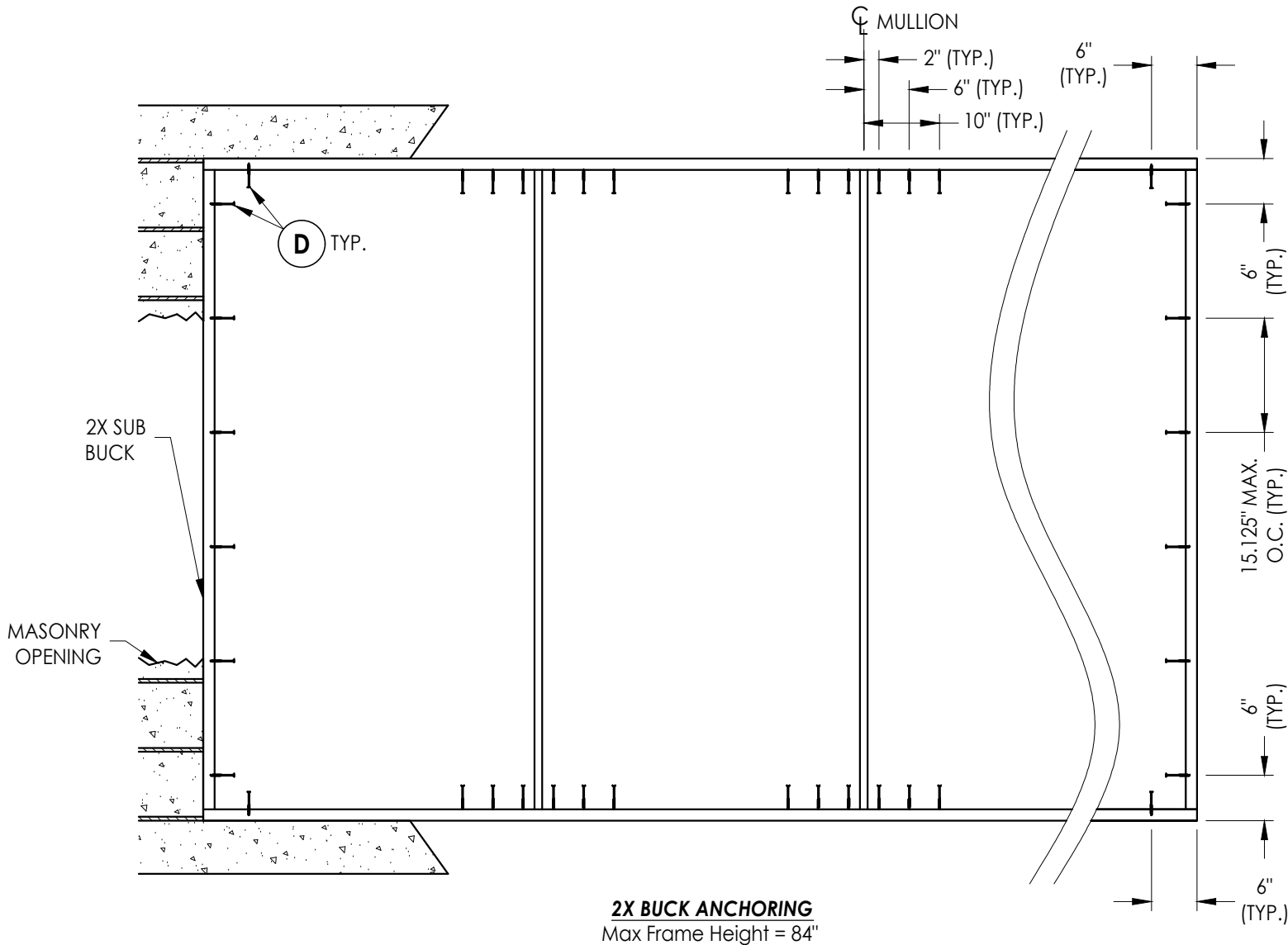
SHEET 8 OF 11

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CONCRETE ANCHOR NOTES:

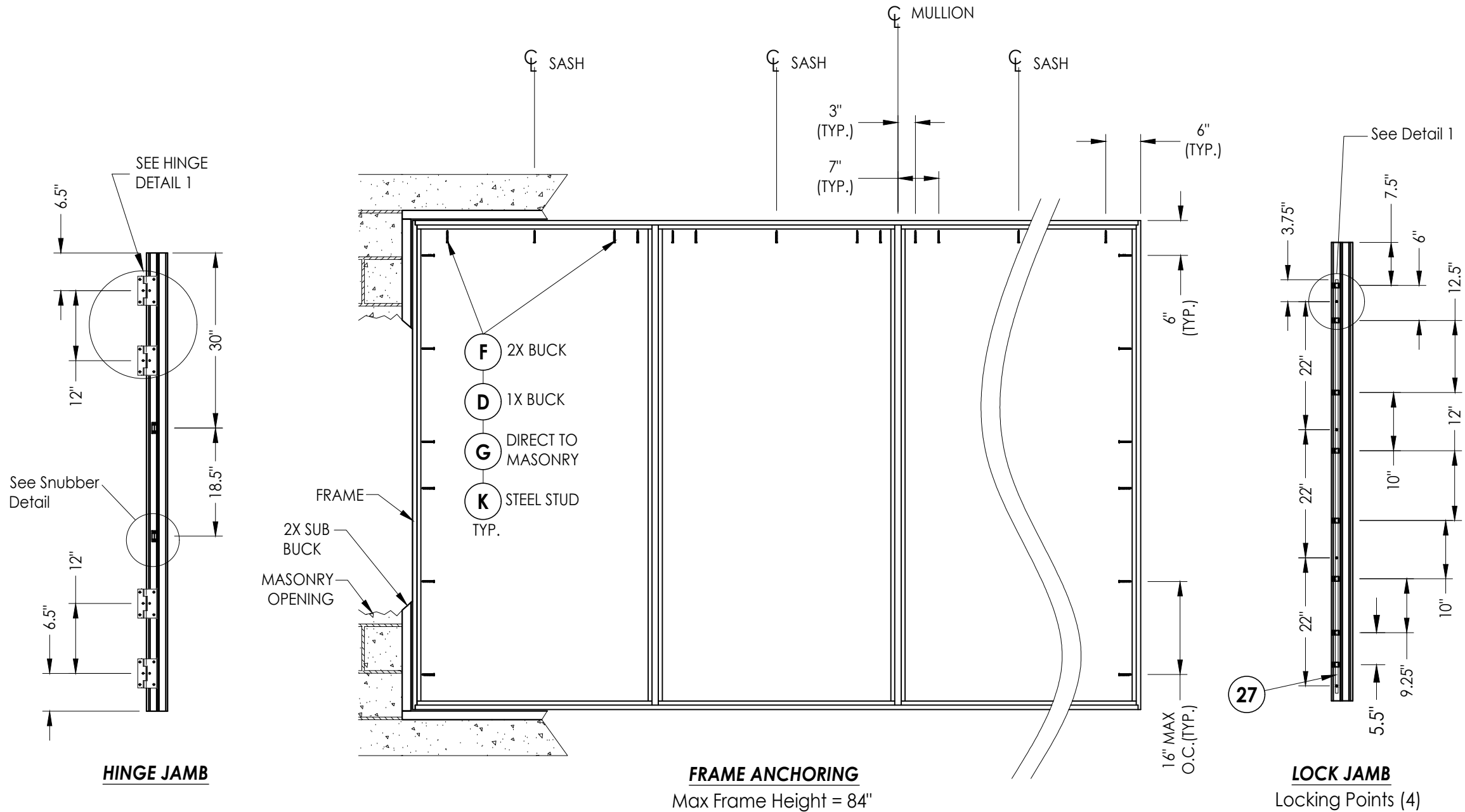
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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY: BUCK ANCHORING	
		LFS	LFS
		LFS	LFS
		LFS	DAC
		BY	BY
		REVISIONS	
		DATE	
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC
5	12/7/21	SERIES NAME CHANGE	
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14904.2			
SHEET 9 OF 11			

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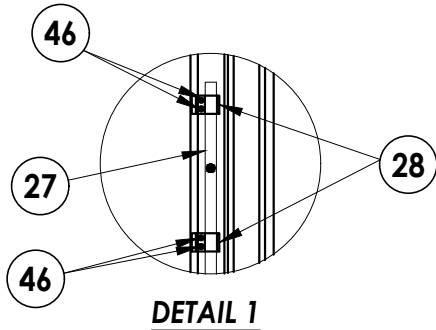
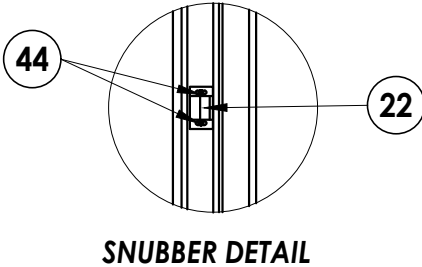
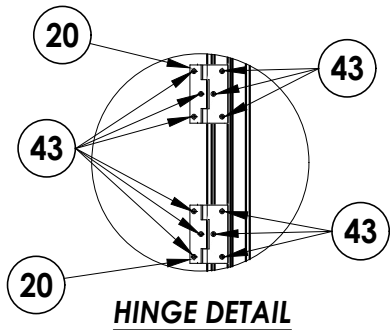
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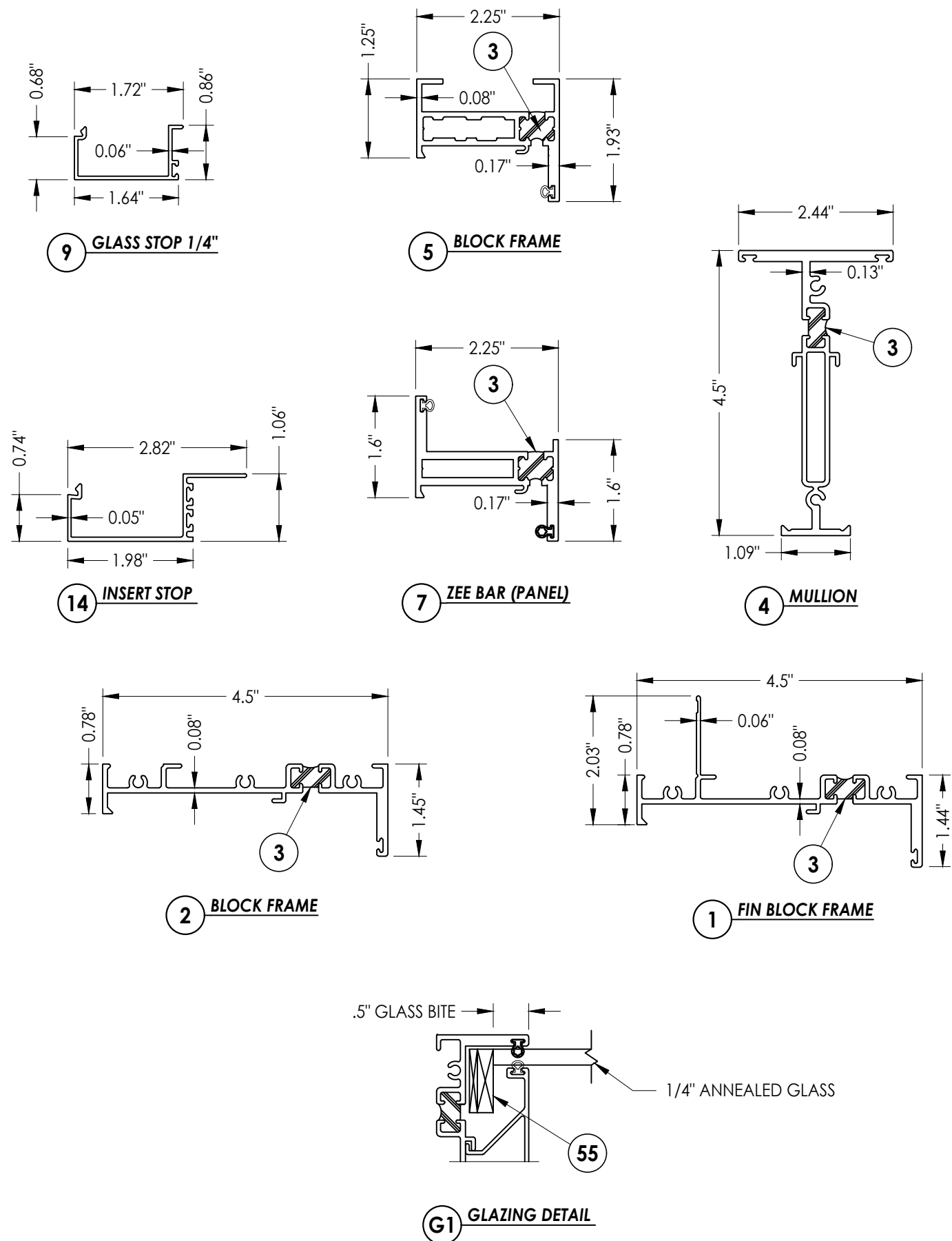


PRODUCT:		PART OR ASSEMBLY:	
FLEETWOOD WINDOWS AND DOORS		FRAME ANCHORING	
NO.	DATE	REVISIONS	BY
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	12/7/21	SERIES NAME CHANGE	LFS
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3			BY
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14904.2			
SHEET 10 OF 11			

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

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" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" x 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
H	#10 X 2-3/4" PPH WOOD SCREW	STEEL
J	1/4" x 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
L	#8 PPH WS (1-3/8" MIN. EMBEDMENT)	STEEL
M	#8 x 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	FIN BLOCK FRAME (3800-T)	6063-T6 ALUM
2	BLOCK FRAME (3800-T)	6063-T6 ALUM
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
4	MULLION	6063-T6 ALUM
5	BLOCK FRAME (350-T)	6063-T6 ALUM
7	ZEE BAR (PANEL)	6063-T6 ALUM
9	GLASS STOP (1/4")	6063-T6 ALUM
12	SHEAR BLOCK	6061-T6 ALUM
13	CORNER KEY	6063-T6 ALUM
14	INSERT STOP	6063-T6 ALUM
20	SS. BUTT HINGE	SS
21	4 BAR HINGE	SS
22	SNUBBER-COMMERCIAL PULL-IN BLOCK	SS
23	MULTIPOINT LOCK HANDLE	SS
26	3 POINTS LOCKING BAR (TRUTH)	SS
27	4 POINTS LOCKING BAR (TRUTH)	SS
28	TIE BAR GUIDE (TRUTH)	-
29	KEEPER (TRUTH)	SS
30	CASEMENT ROTOR GEAR 13.5" (TRUTH)	SS
31	CASEMENT ROTOR GEAR 9.5" (TRUTH)	SS
35	CAM HANDLE / STRIKE PLATE	SS
36	CASEMENT SS. TRACK (TRUTH)	SS
40	#10 X 1" PPH SMS	STEEL
42	MACHINE SCREW NO 10-32, FHP .75"	STEEL
43	SCREW NO 10 , UFHP .5"	STEEL
44	SCREW NO 8, PHP, .50"	STEEL
46	SCREW NO 8, FHP, .750"	STEEL
48	BACK UP NUTS	STEEL
50	BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
51	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
52	WOOD BLOCK .750" X 1.250"	-
53	ALUMINUM BLOCK .750" X 1.250"	-
54	PVC BLOCK .750" X 1.250"	-
55	SETTING BLOCK	-
57	PIVOT SHIM	-
58	WOOD BLOCK .50" X 1.250"	-
59	ALUMINUM BLOCK .50" X 1.250"	-
60	PVC BLOCK .50" X 1.250"	-

[illegible]