

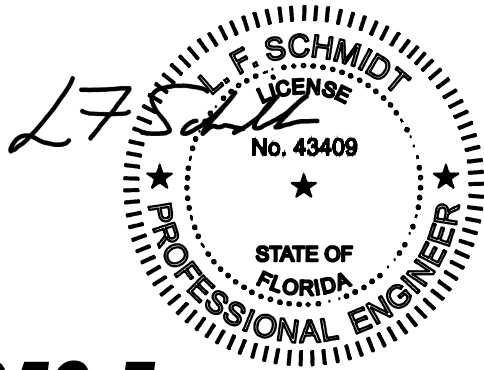


Series 3800-T w/ Series 350-T
Aluminum Casement Window
w/ Thermal Break Frame
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements 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 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

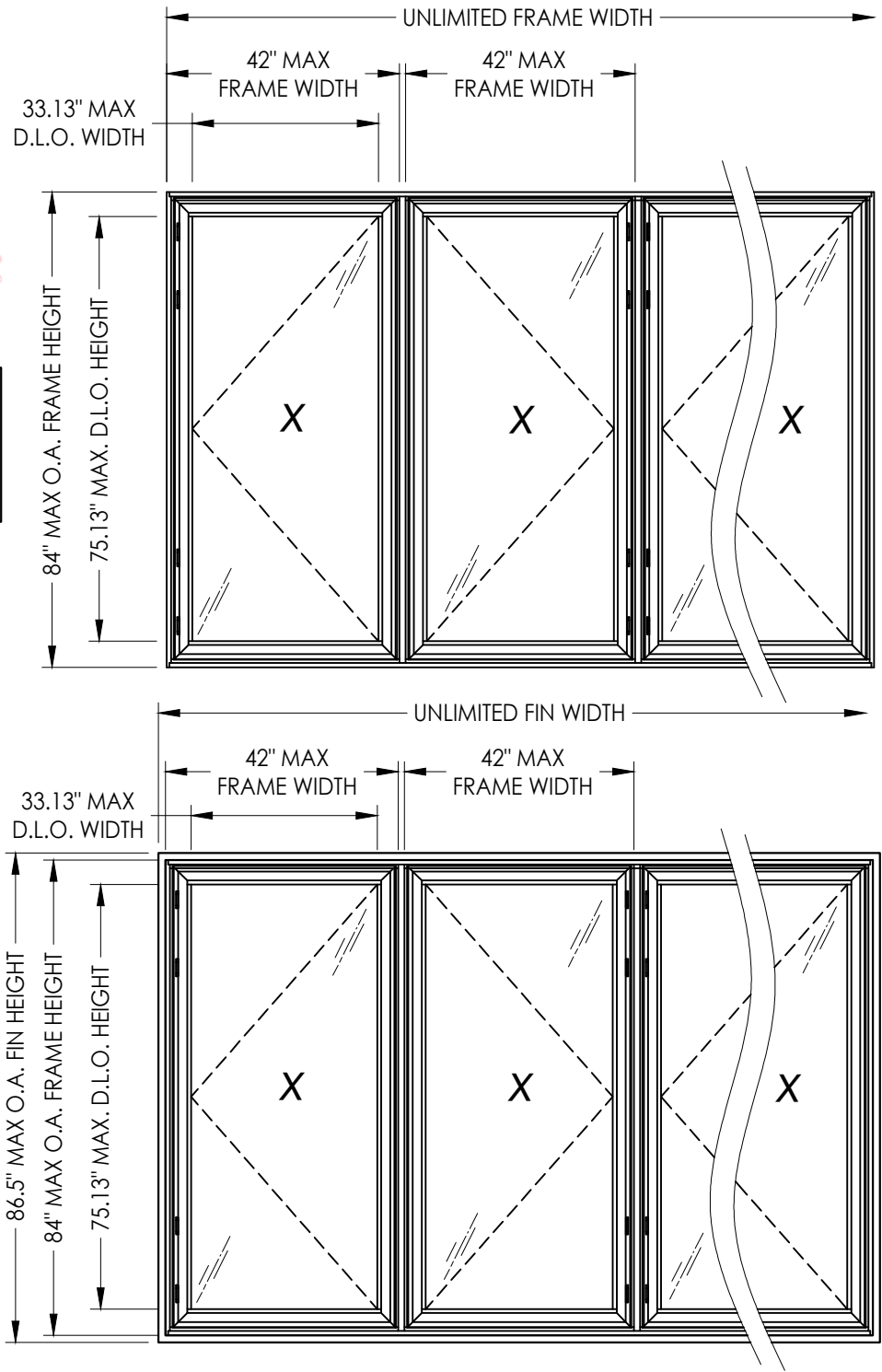
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Elevations
3	Horizontal and vertical cross sections
4	Horizontal and vertical cross sections
5	Horizontal cross sections
6	Vertical cross section
7	Buck anchoring
8	Frame anchoring
9	Buck anchoring
10	Frame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



Digitally signed
by Lyndon F
Schmidt
Date:
2026.07.06
11:31:14 -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	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, G2, G3, G4, G5	+65.0	-65.0
UNLIMITED X 86.5"	UNLIMITED X 84"	33.13" X 75.13"	G1, G2, G3, G4, G5	+65.0	-65.0

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

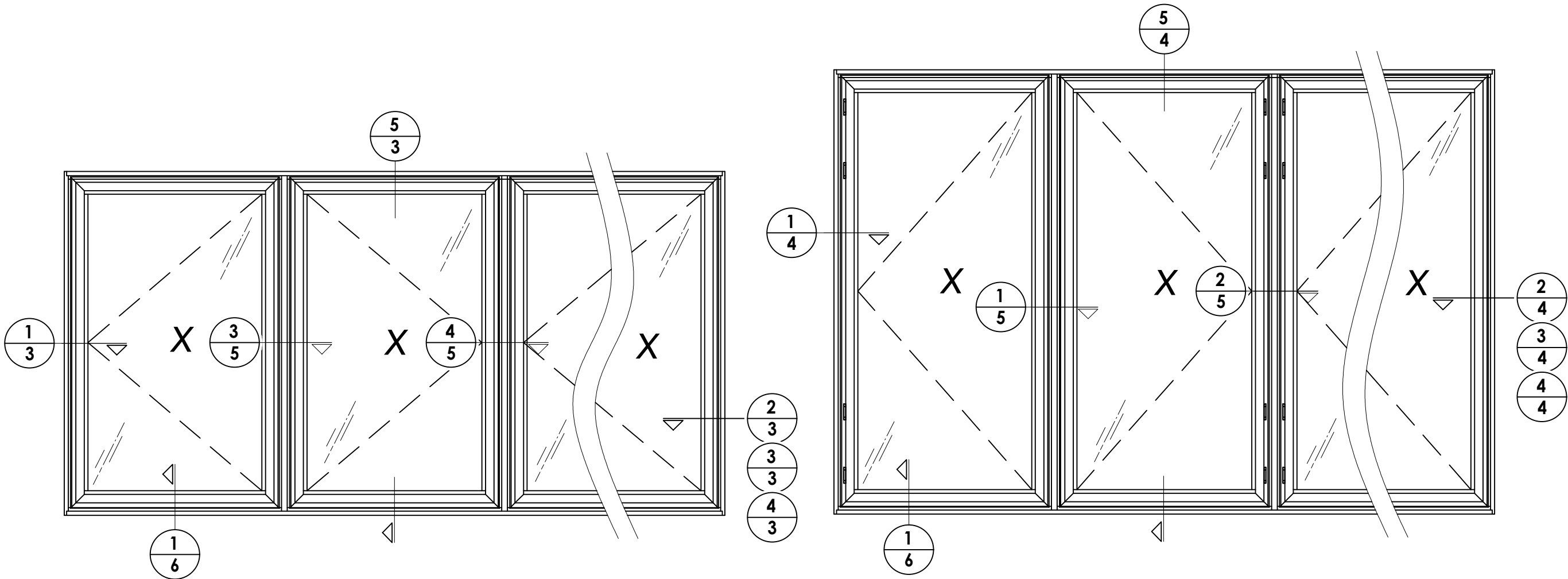
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

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

NO.	DATE	REVISIONS			
		BY	DAC	LFS	LFS
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-14904.4
SHEET 1 OF 12



HARDWARE TABLE			
HINGE			
Qty.	Description	Height	Snubbers
5	Butt hinge	≤ 84"	Not Req'd
4	Butt hinge	≤ 84"	Yes (2)
2	Butt hinge	≤ 50"	Yes (2)
2	4 Bar hinge	≤ 65"	Yes (3)
HANDLES			
Points	Description	Height	*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks
4	Multipoint	> 72"	
3	Multipoint	≤ 72"	
Qty.			
3	Cam*	≤ 65"	
1	Cam*	≤ 50"	

		REVISIONS			
		NO.	DATE	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
	4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	DAC

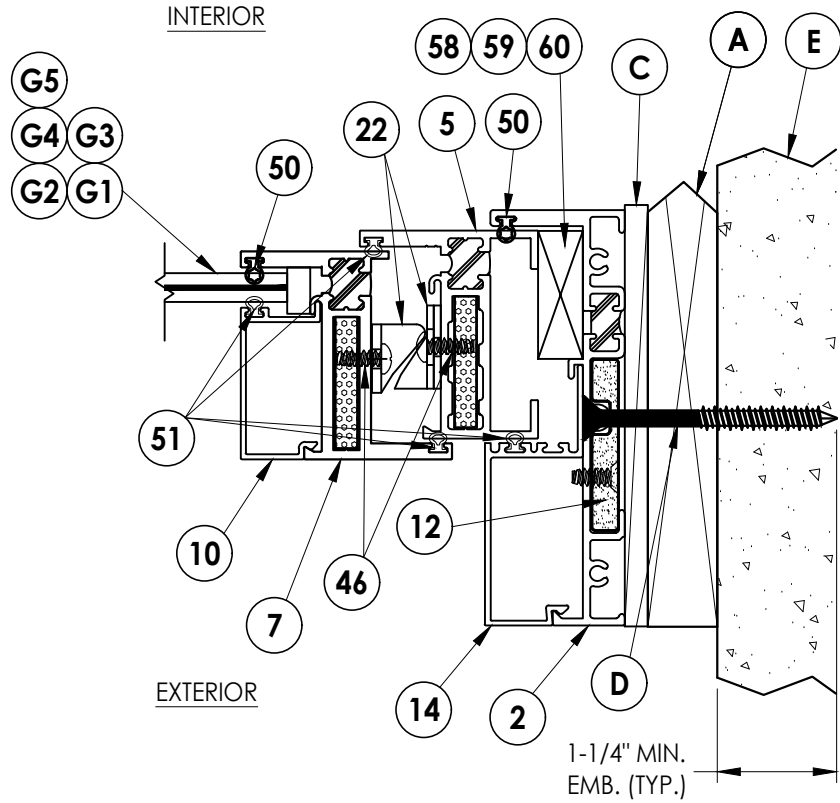
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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14904.4
SHEET 2 OF 12

PRODUCT: FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY: ELEVATIONS

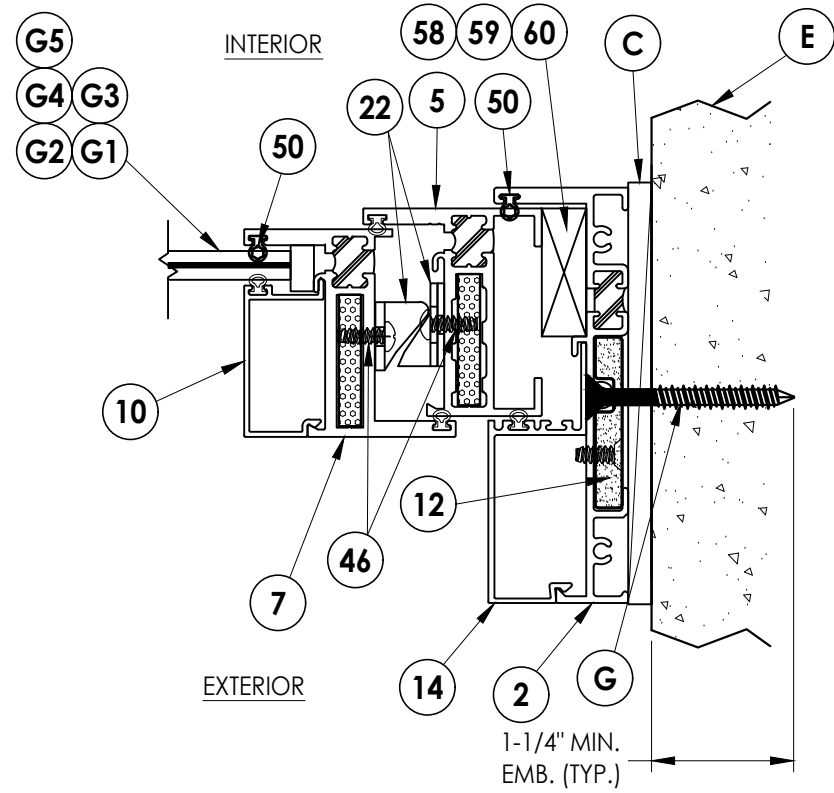
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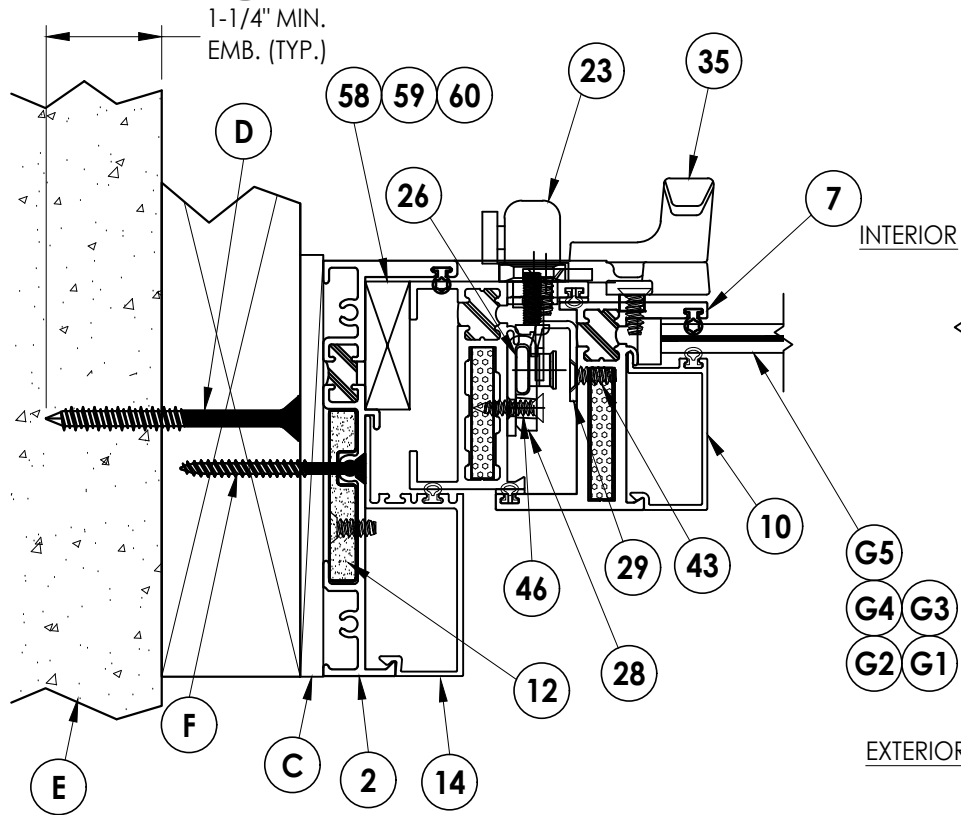
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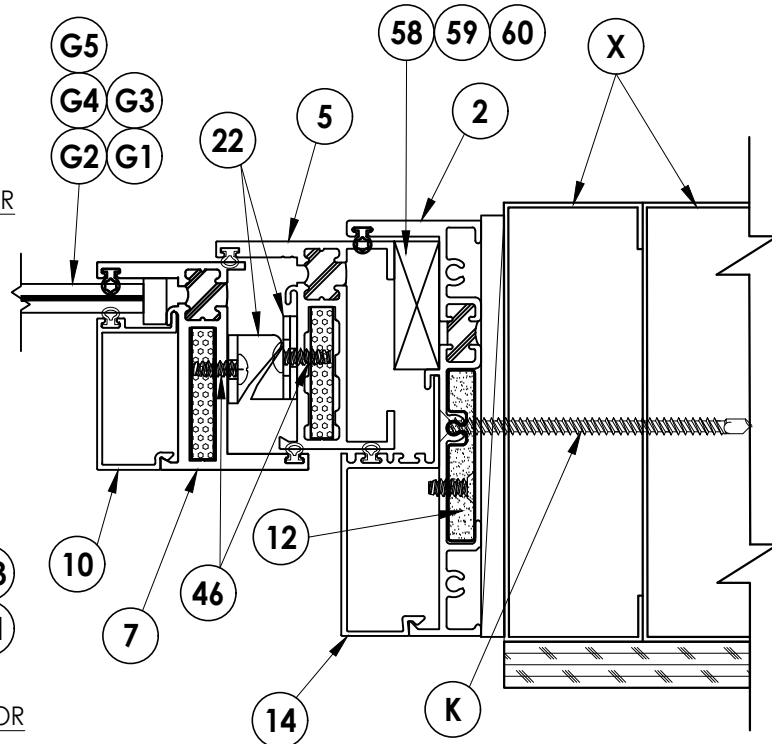
3 HORIZONTAL CROSS SECTION
3 Shown w/ 1X Sub buck option



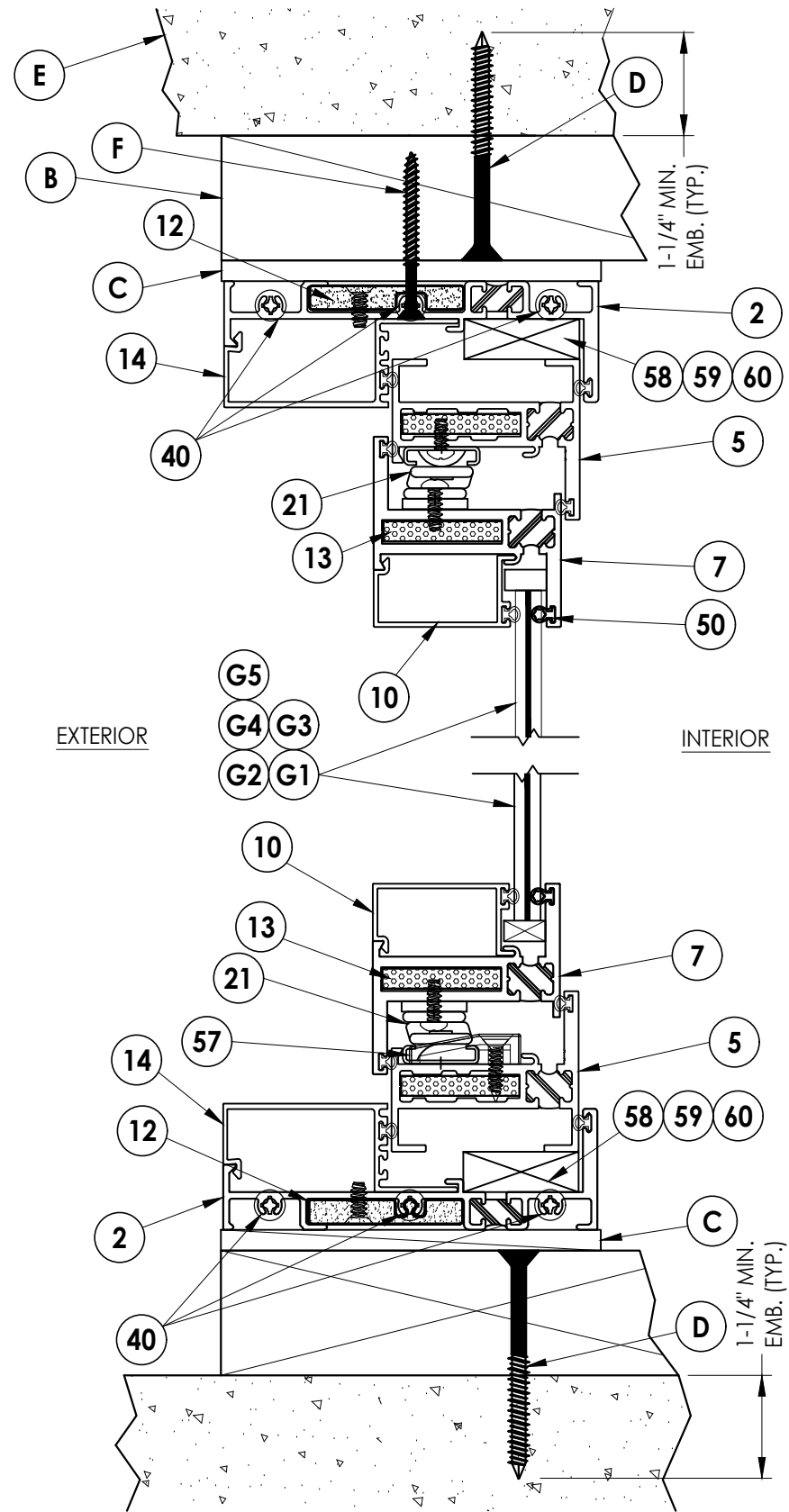
4 HORIZONTAL CROSS SECTION
3 Shown w/ Direct to Masonry option



1 HORIZONTAL CROSS SECTION
3 Show W/ 2X Buck and Steel Stud options



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.

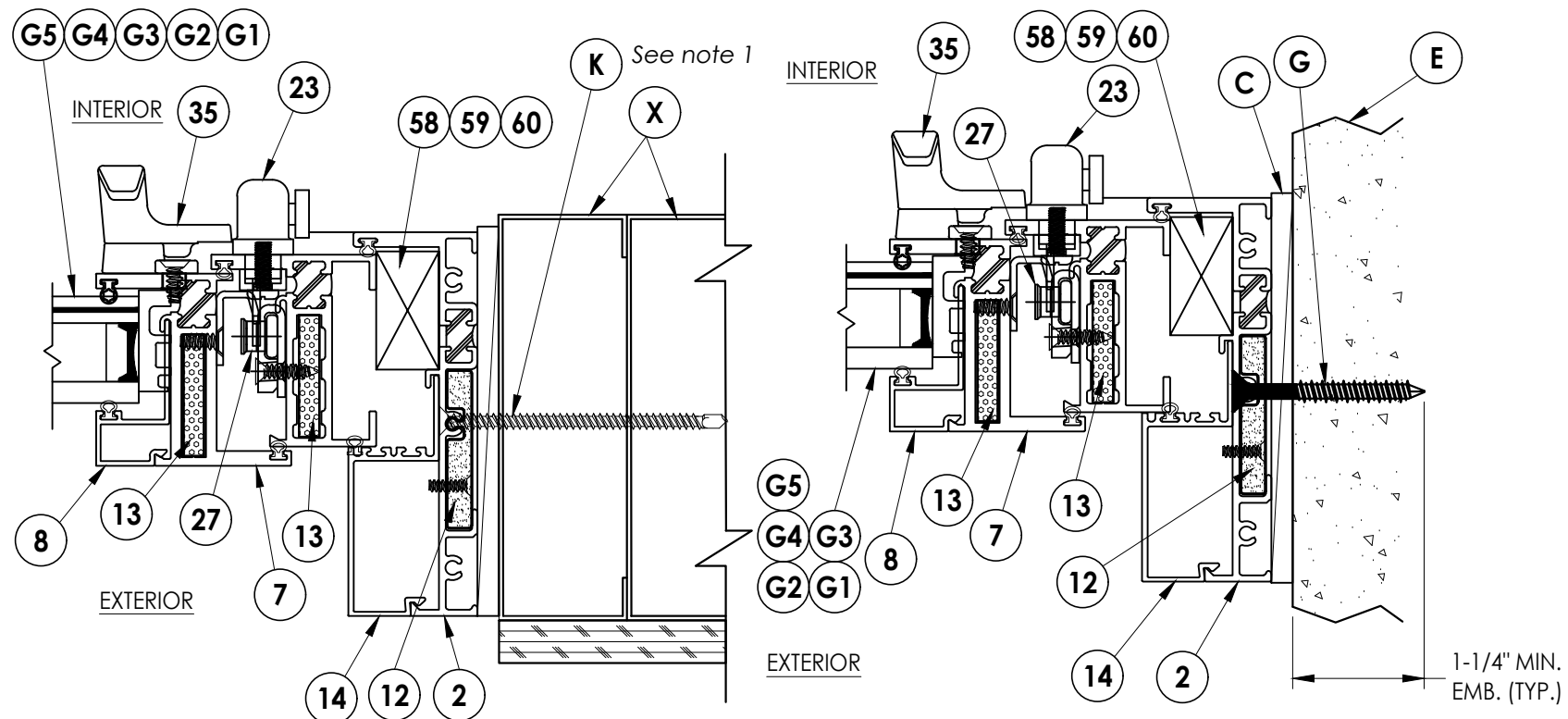
Documents Prepared By:
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PRODUCT:
FLEETWOOD WINDOWS AND DOORS

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
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4	8/06/20	UPDATE TO 7TH ED. (2020) FBC DAC
3		
2		
1		

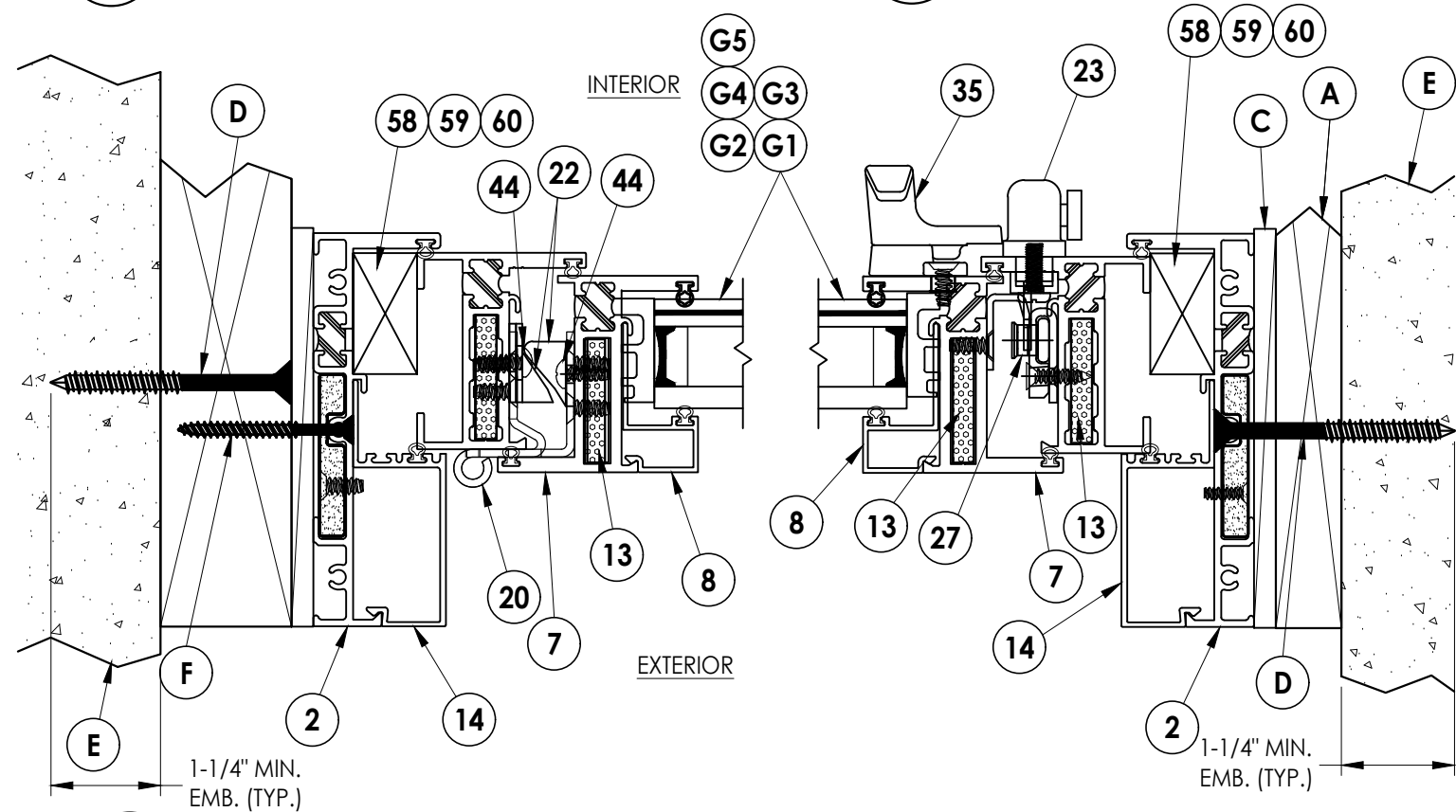
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14904.4
SHEET 3 OF 12

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3 **HORIZONTAL CROSS SECTION**

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

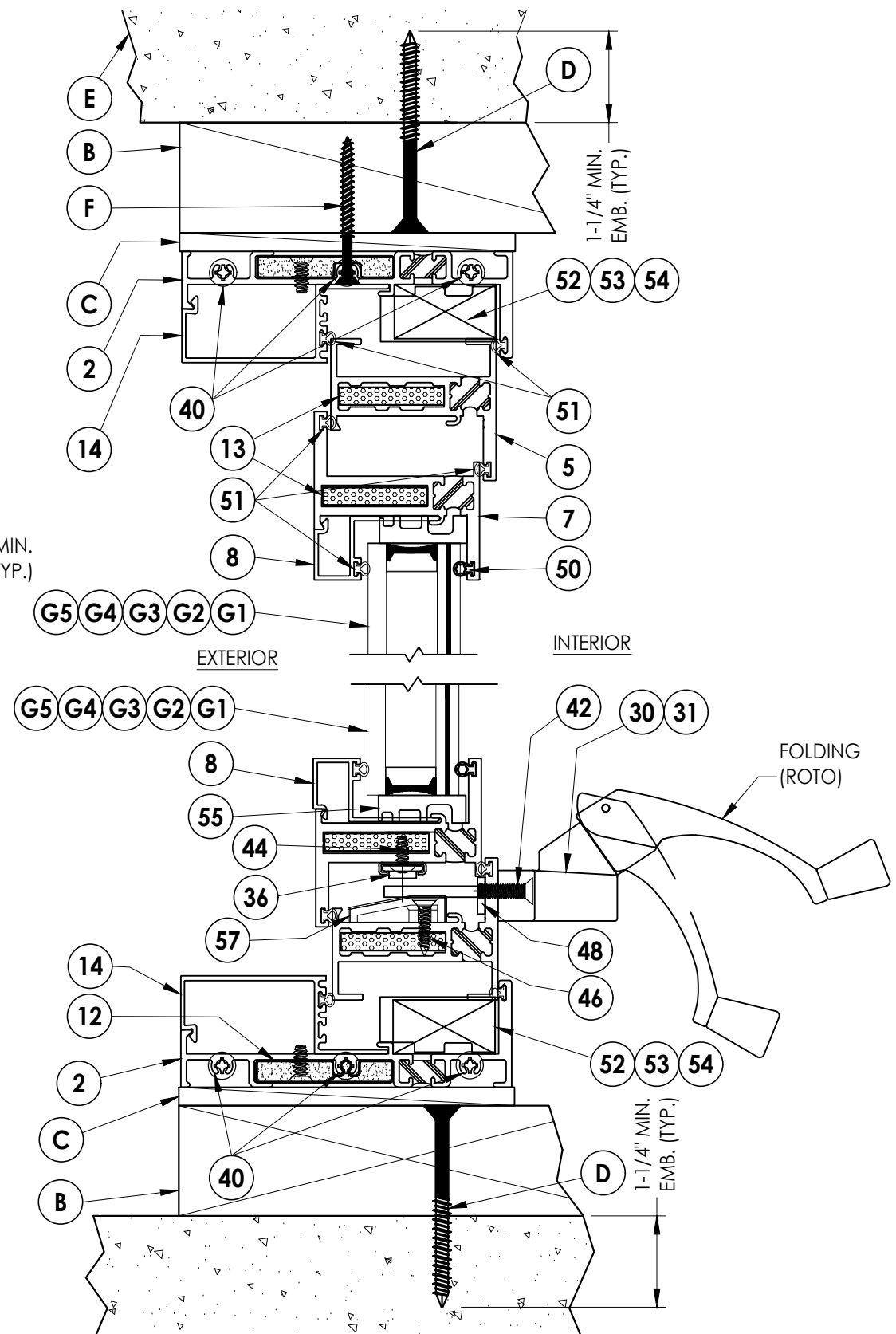


1 **HORIZONTAL CROSS SECTION**
4 Shown w/ 2X Buck Construction

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

NOTE:

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



5 VERTICAL CROSS SECTION

4 Shown w/ 2X Buck Construction

7	7/02/26	UPDATE TO 9TH ED.	(2026) FBC	LFS
6	7/12/23	UPDATE TO 8TH ED.	(2023) FBC	LFS
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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-14904.4

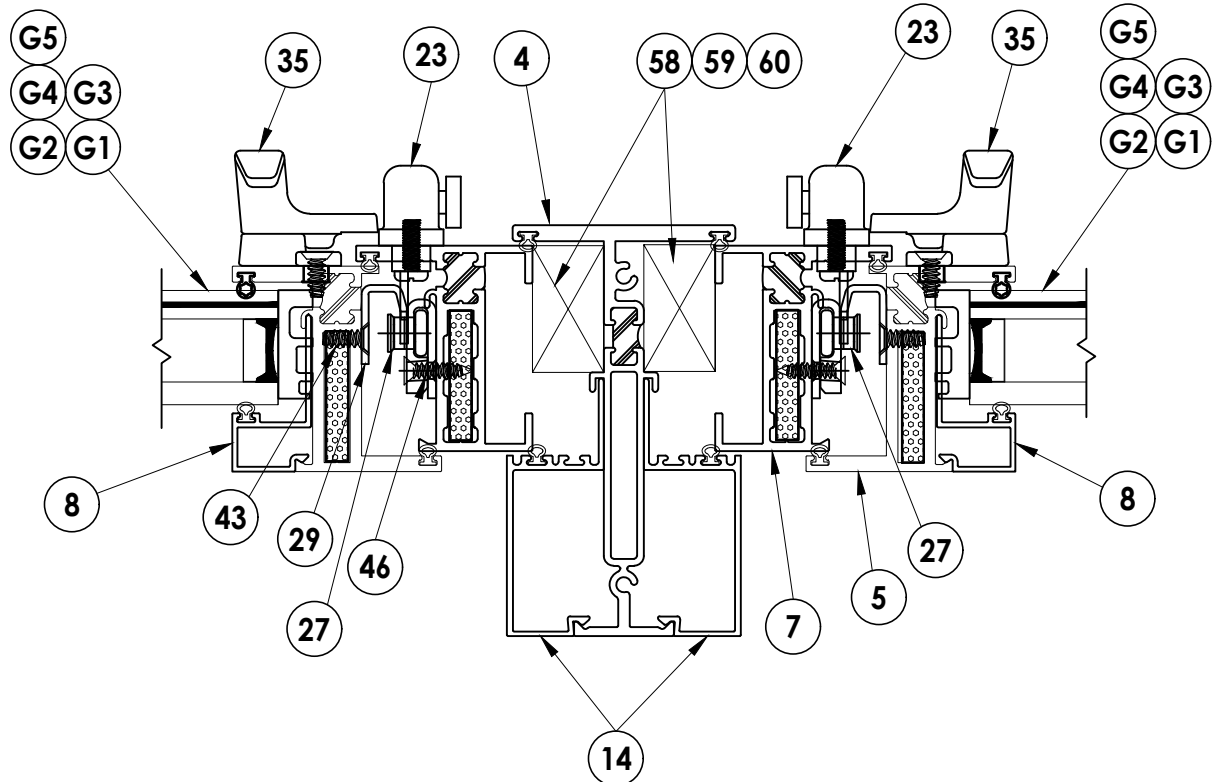
SHEET 4 OF 12

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Phone No.: 813.659.9197
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TEST OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

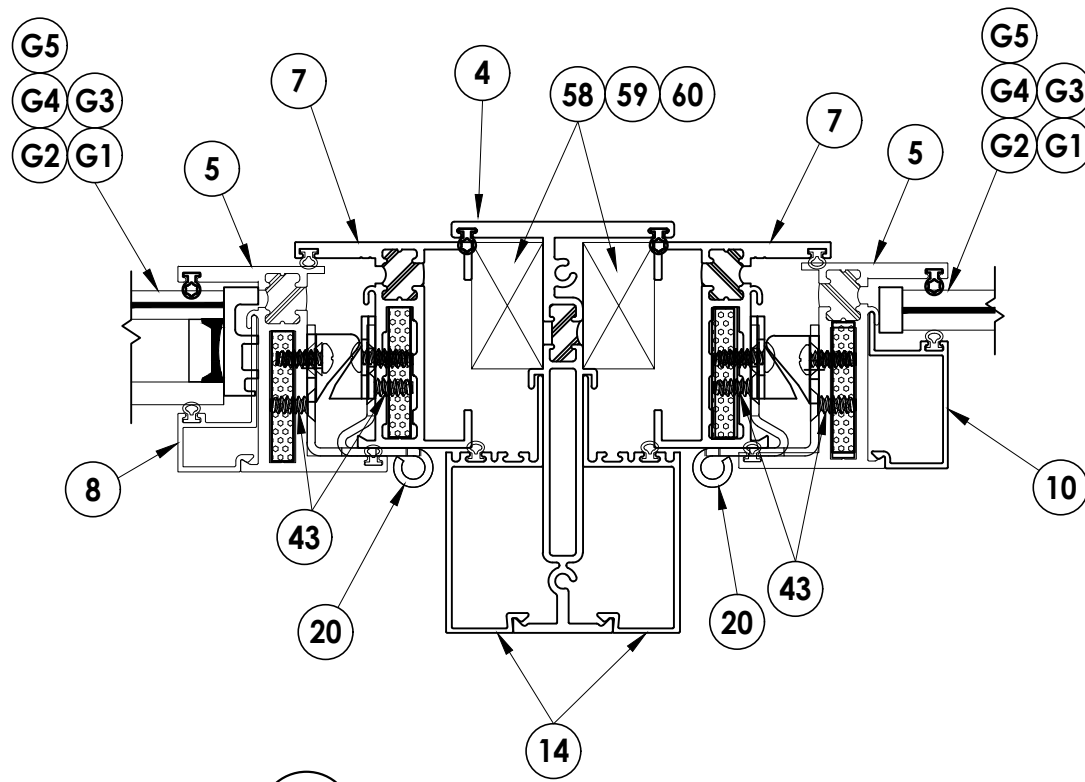
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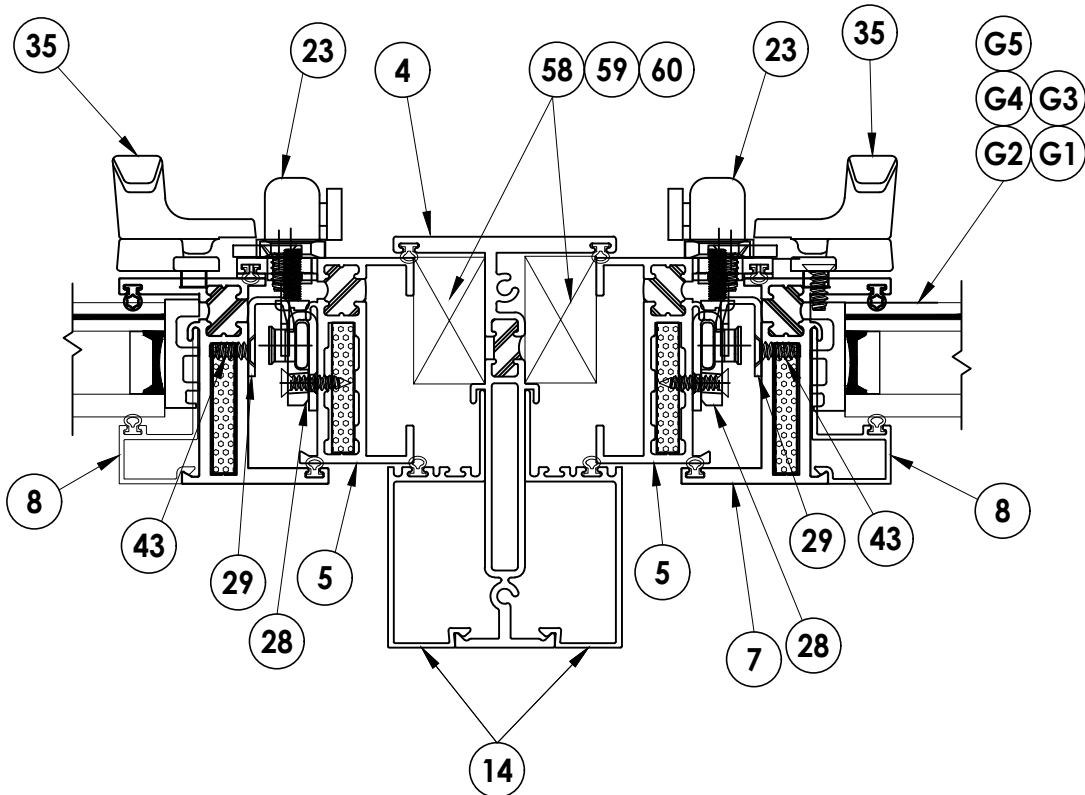
1
4
HORIZONTAL CROSS SECTION

INTERIOR

EXTERIOR



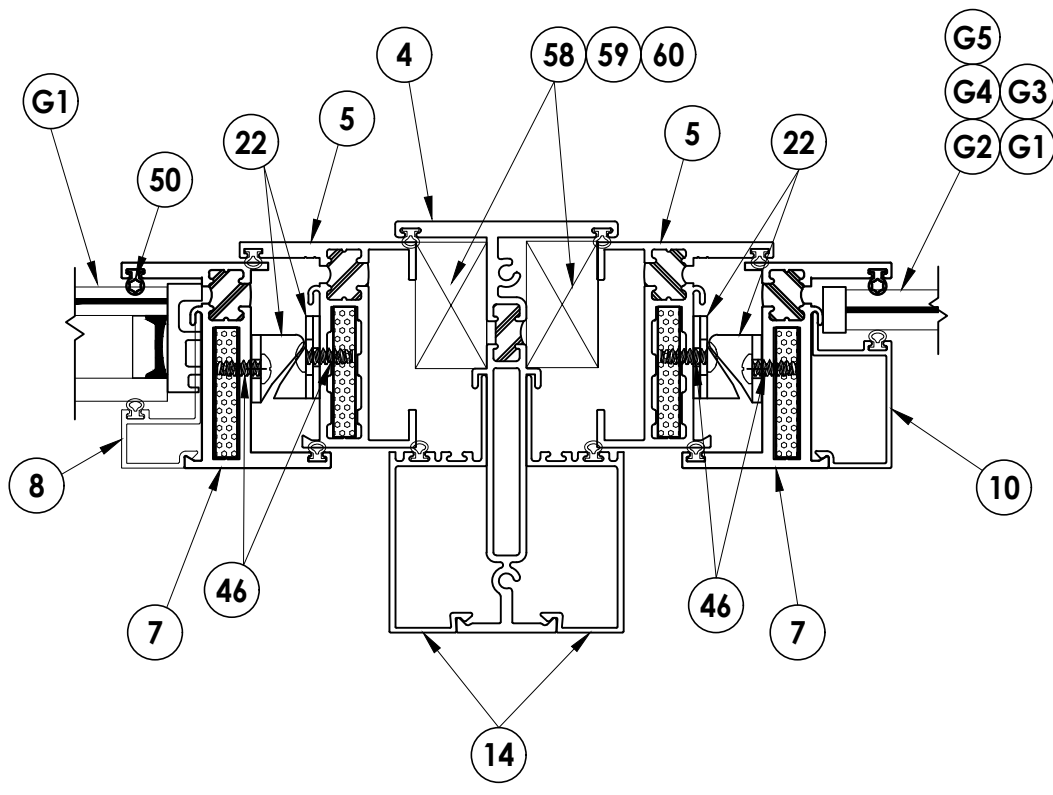
2
4
HORIZONTAL CROSS SECTION



3
5
HORIZONTAL CROSS SECTION

INTERIOR

EXTERIOR



4
5
HORIZONTAL CROSS SECTION

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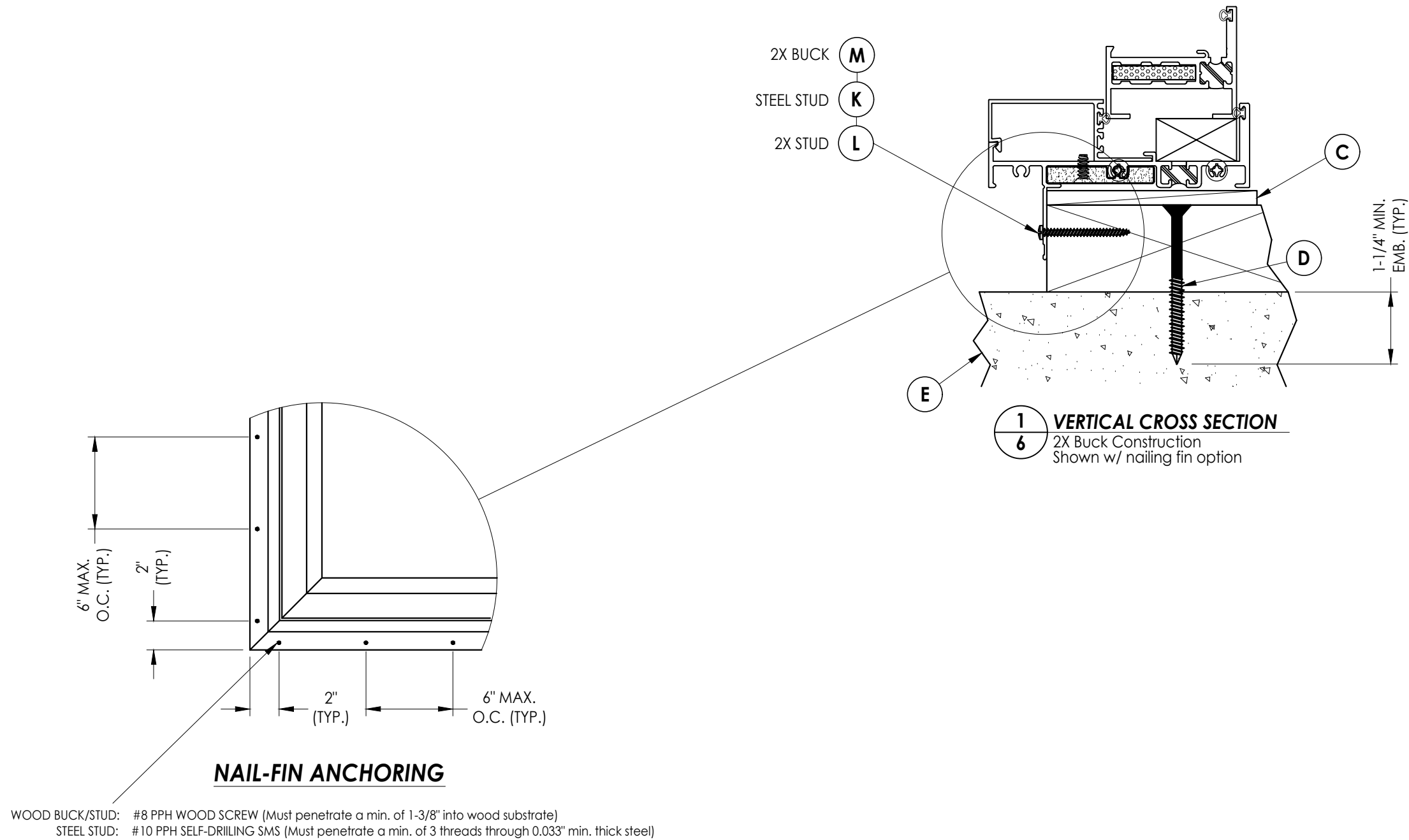
PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

DATE: 10/23/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-14904.4
SHEET 5 OF 12

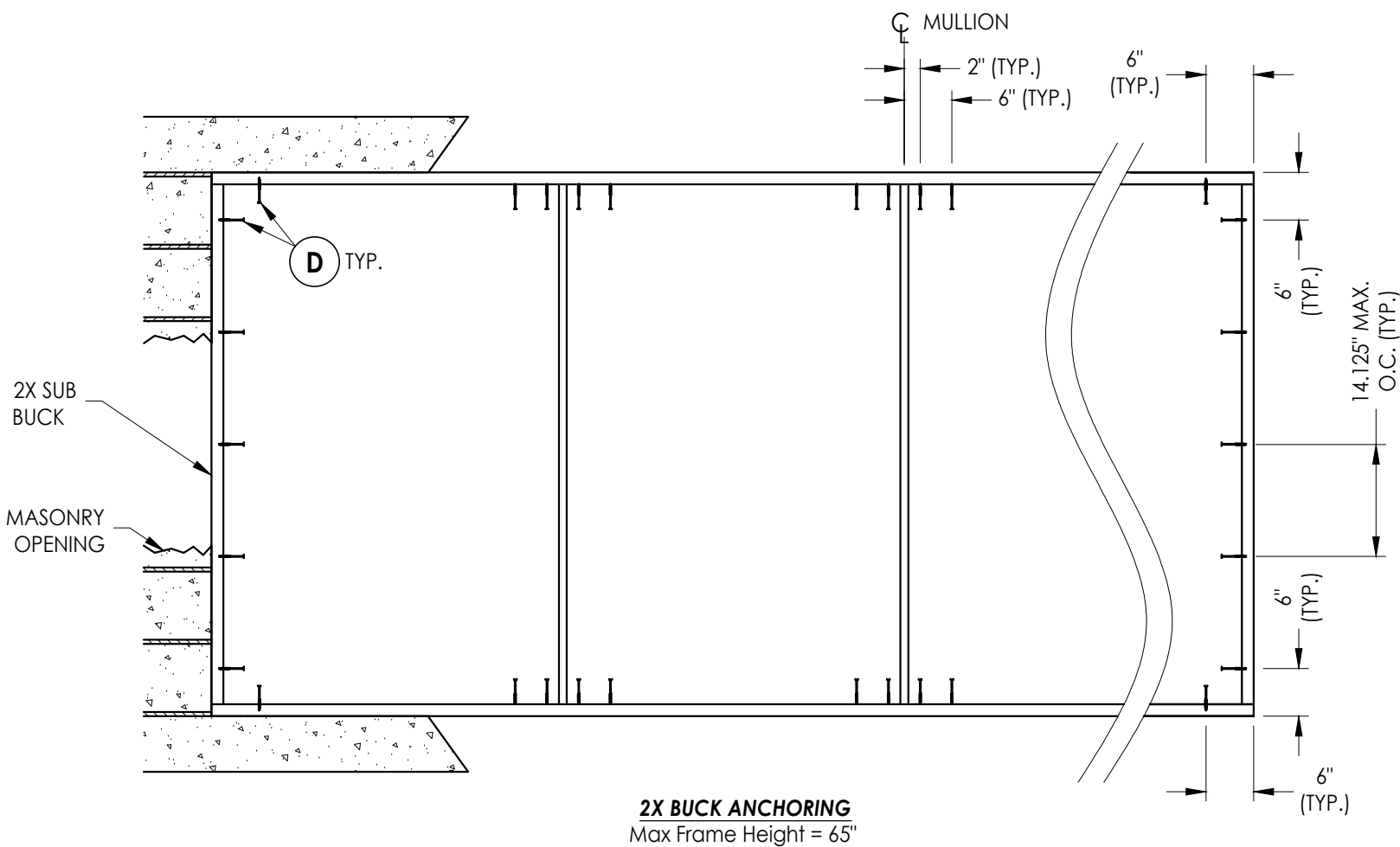
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Phone No.: 813.659.9197
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FBPE Registry No. 9813



2X BUCK ANCHORING

Max Frame Height = 65'

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"

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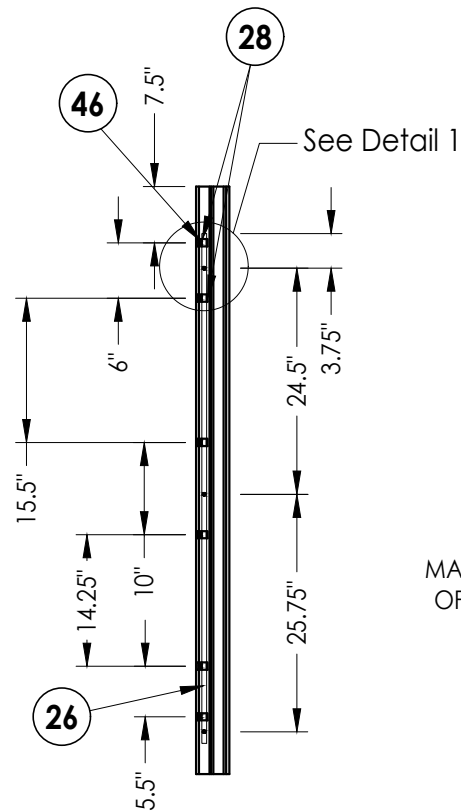
PRODUCT: **FLEETWOOD WINDOWS AND DOORS**

PART OR ASSEMBLY: **BUCK
ANCHORING**

RW BUILDING CO.
P.O. Box 23
Phone No.:
FBPE Register

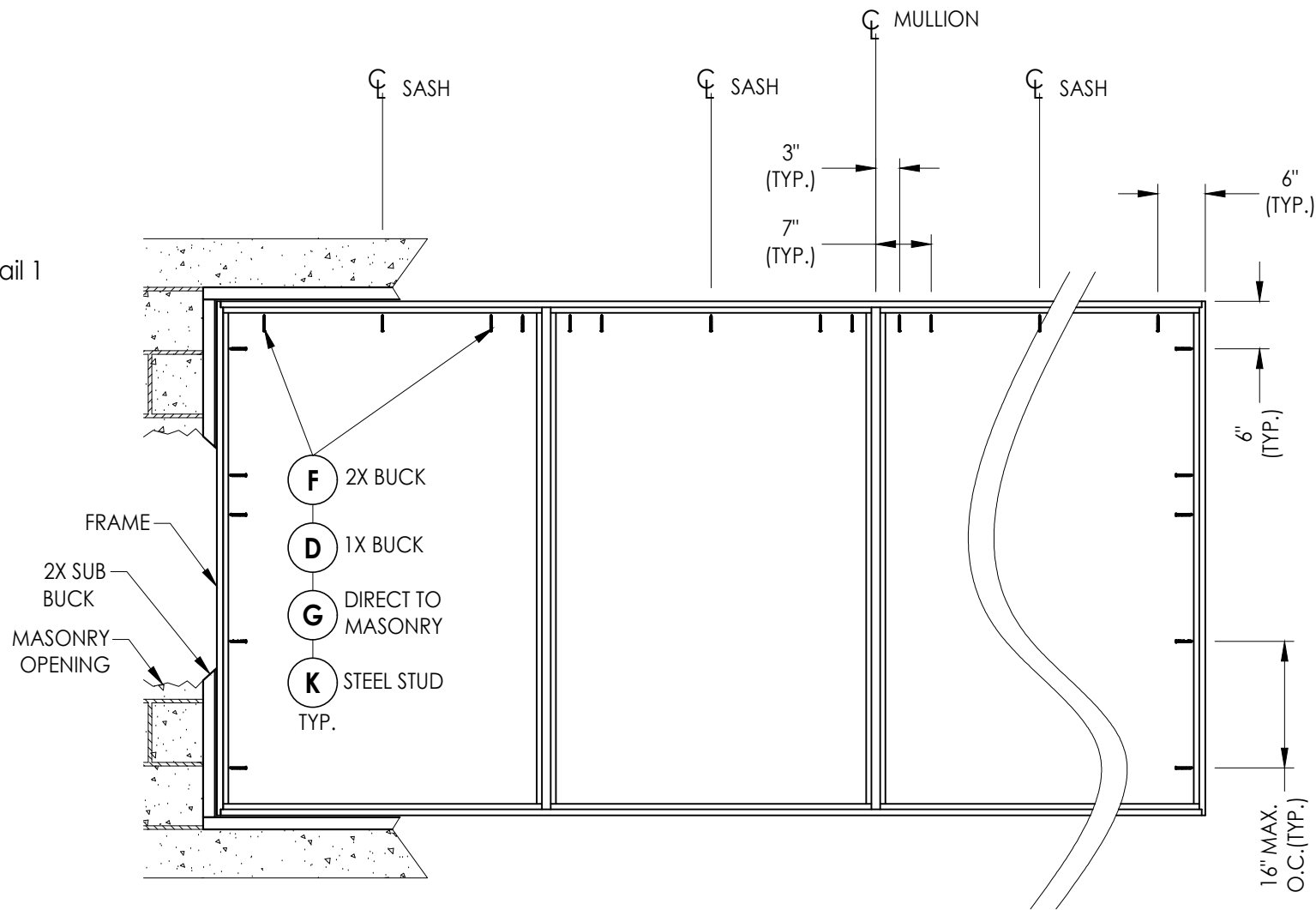
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Phone No.: 813.659.9197
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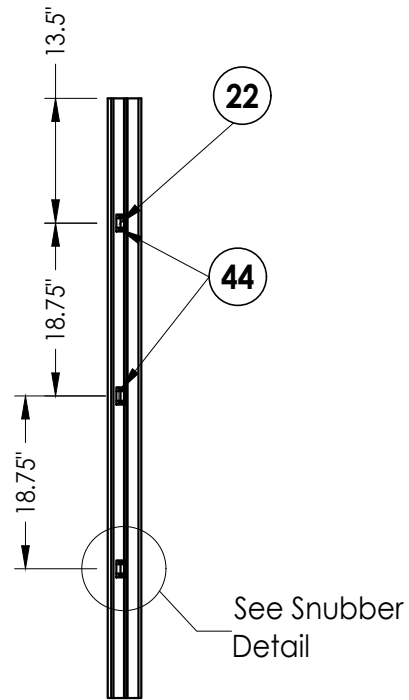
LOCK JAMB

Locking Points (3)



FRAME ANCHORING

Max Frame Height = 65"



SNUBBERS JAMB

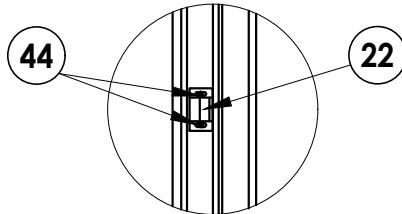
CONCRETE ANCHOR NOTES:

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- Concrete anchor table:

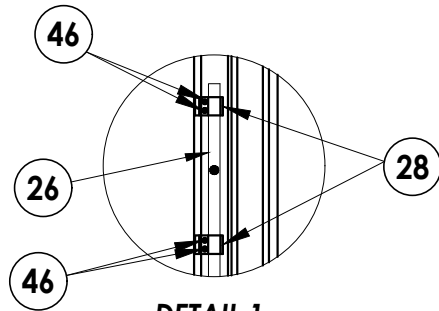
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DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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

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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

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DATE: 10/23/13

SCALE: N.T.S.

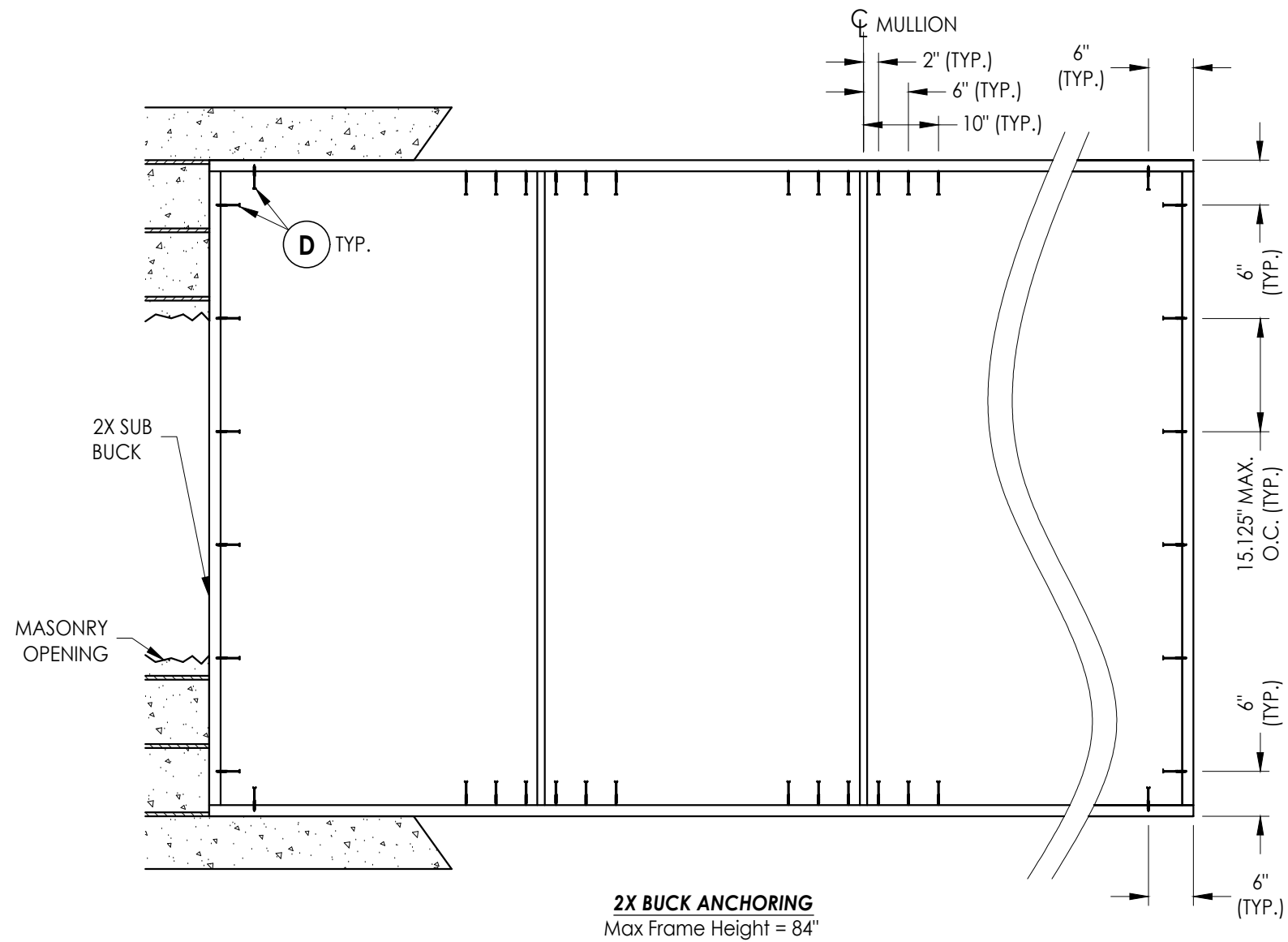
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14904.4

SHEET 8 OF 12



CONCRETE ANCHOR NOTES:

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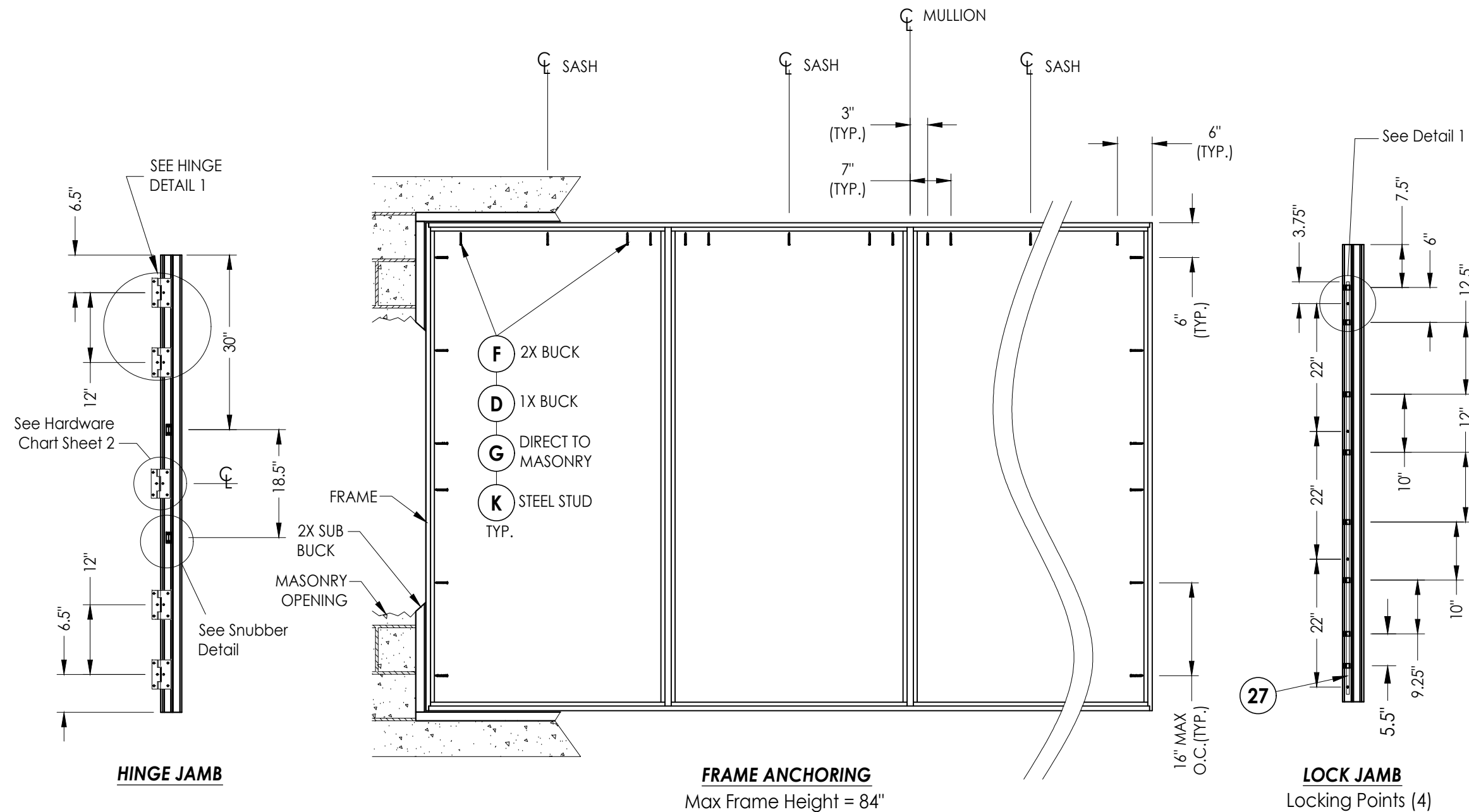
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[illegible]

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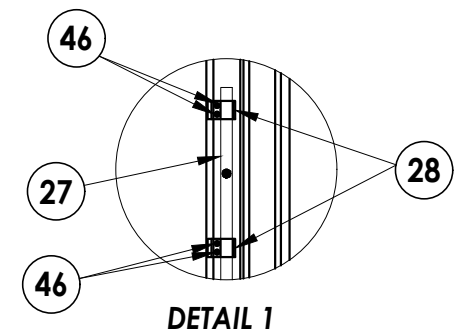
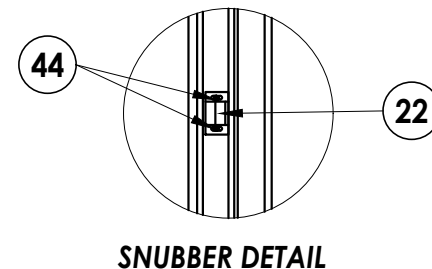
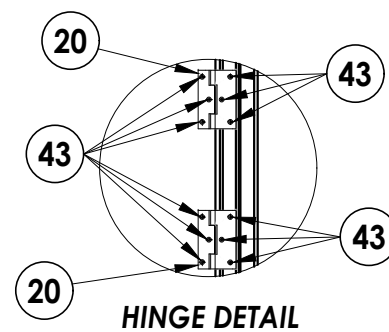
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5	12/7/21	SERIES NAME CHANGE		LFS	
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NO.	DATE				
REVISIONS					
DATE: 10/23/13					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14904.4					
SHEET 10 OF 12					

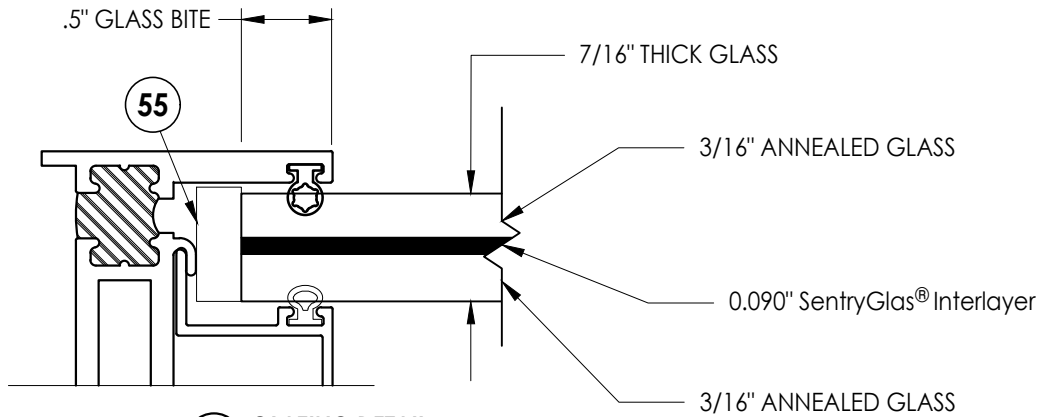
PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
FRAME
ANCHORING

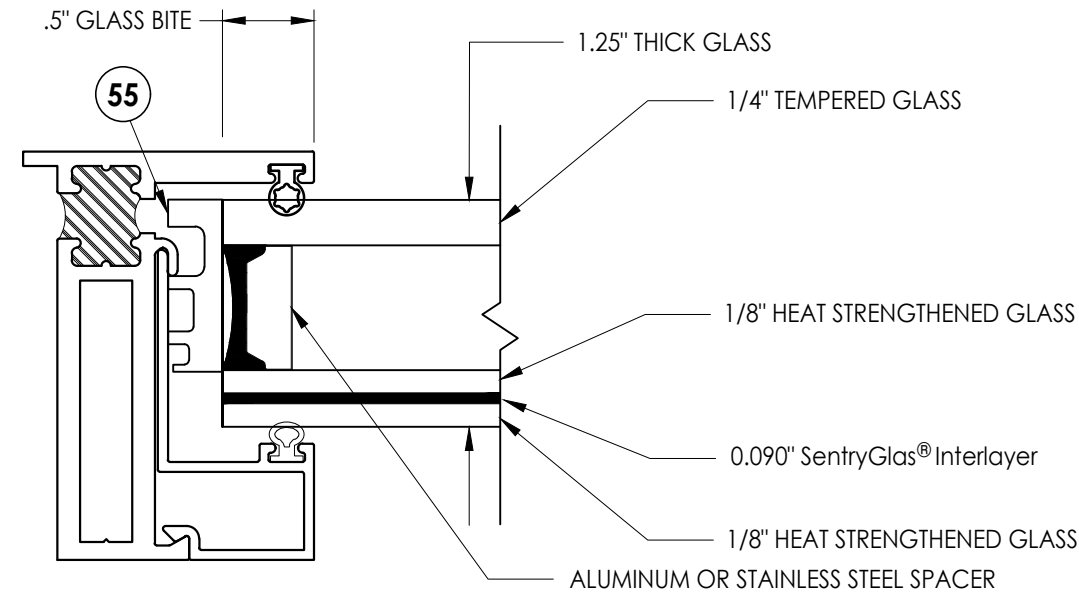
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P.E. No. 43409

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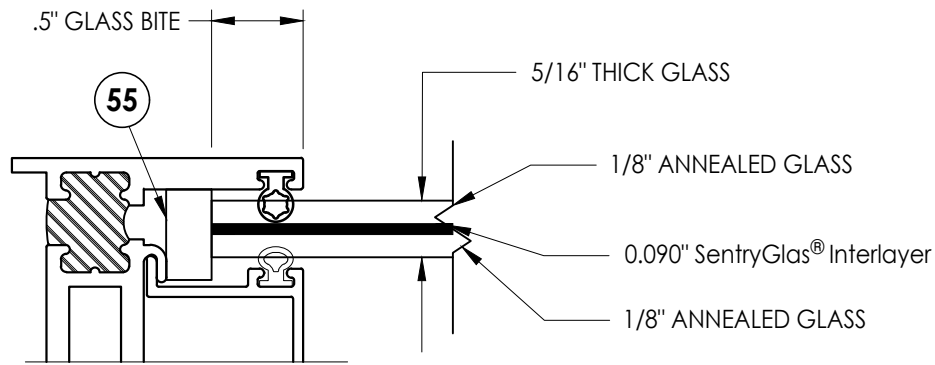
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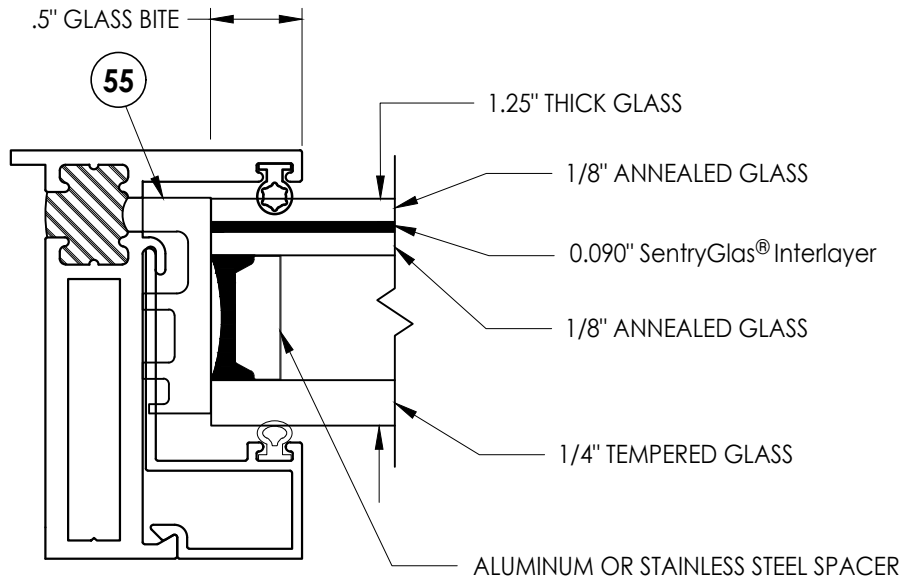
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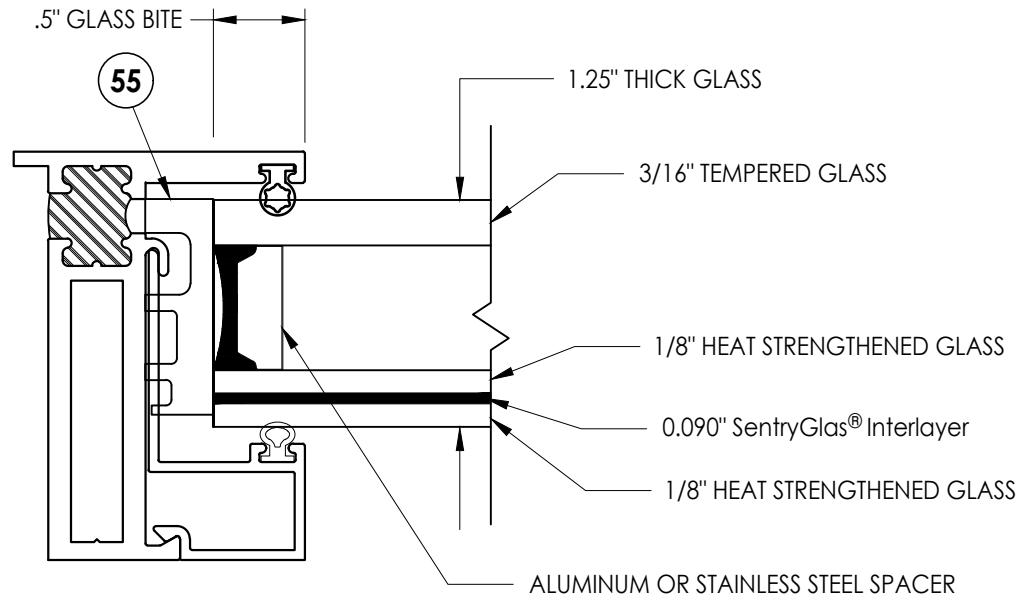
G2 GLAZING DETAIL



G4 GLAZING DETAIL



G1 GLAZING DETAIL



G5 GLAZING DETAIL

Documents Prepared By:

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P.E. No. 43409

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PRODUCT:

FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

GLAZING DETAILS

NO.	DATE	REVISIONS
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4	8/06/20	UPDATE TO 7TH ED. (2020) FBC DAC
3		
2		
1		

DATE: 10/23/13

SCALE: N.T.S.

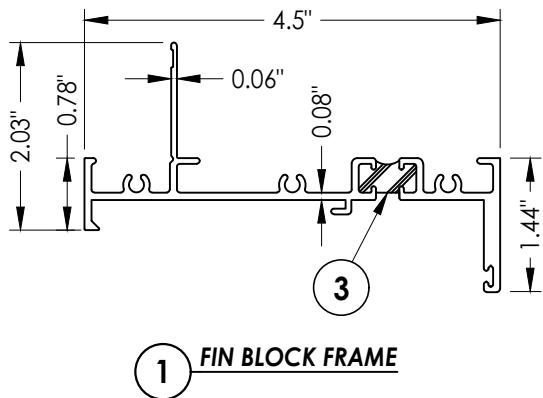
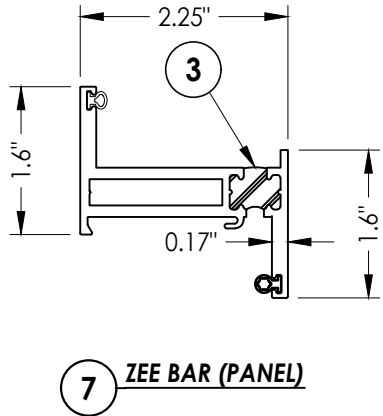
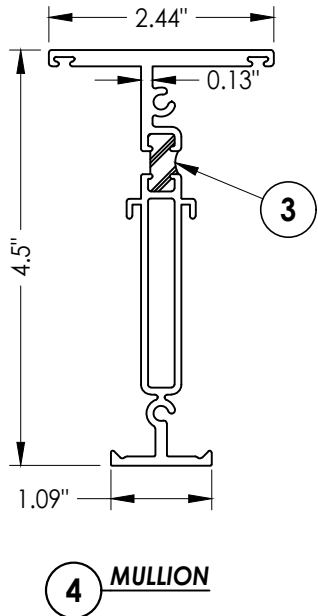
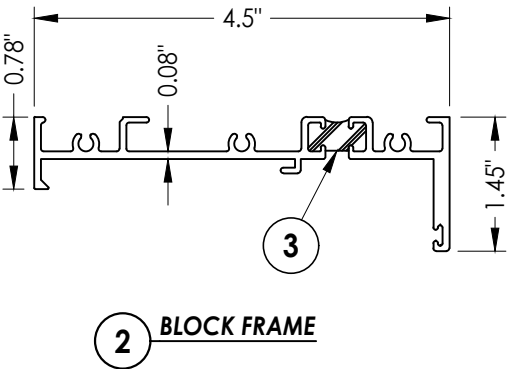
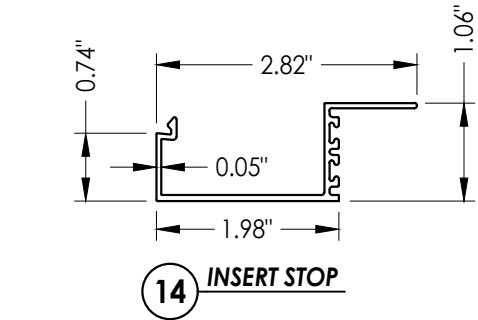
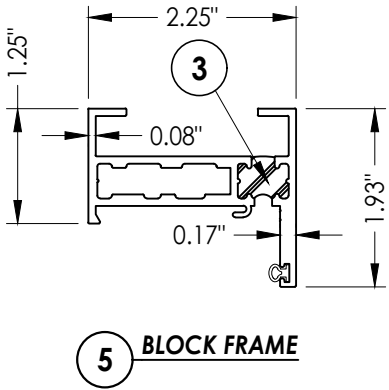
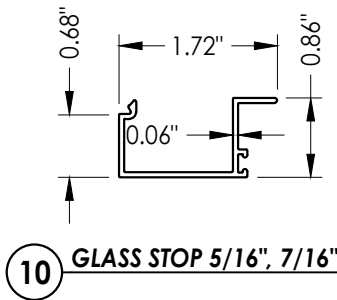
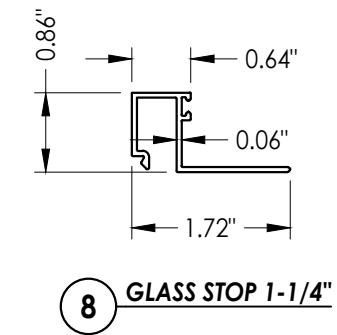
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-14904.4

SHEET 11 OF 12

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
L	#8 PPH WS (1-3/8" MIN. EMBEDMENT)	STEEL
K	#10 PPH SELF-DRILLING SMS	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	KONA FIN BLOCK FRAME	6063-T6 ALUM
2	KONA BLOCK FRAME	6063-T6 ALUM
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
4	MULLION	6063-T6 ALUM
5	WESTWOOD BLOCK FRAME	6063-T6 ALUM
7	WESTWOOD ZEE BAR (PANEL)	6063-T6 ALUM
8	GLASS STOP (1-1/4")	6063-T6 ALUM
10	GLASS STOP (5/16", 7/16")	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 (STEVE HAGG)	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 (MELRON)	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"	-



DATE: 10/23/13		REVISIONS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14904.4			
SHEET 12 OF 12			
PRODUCT: FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS	
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	