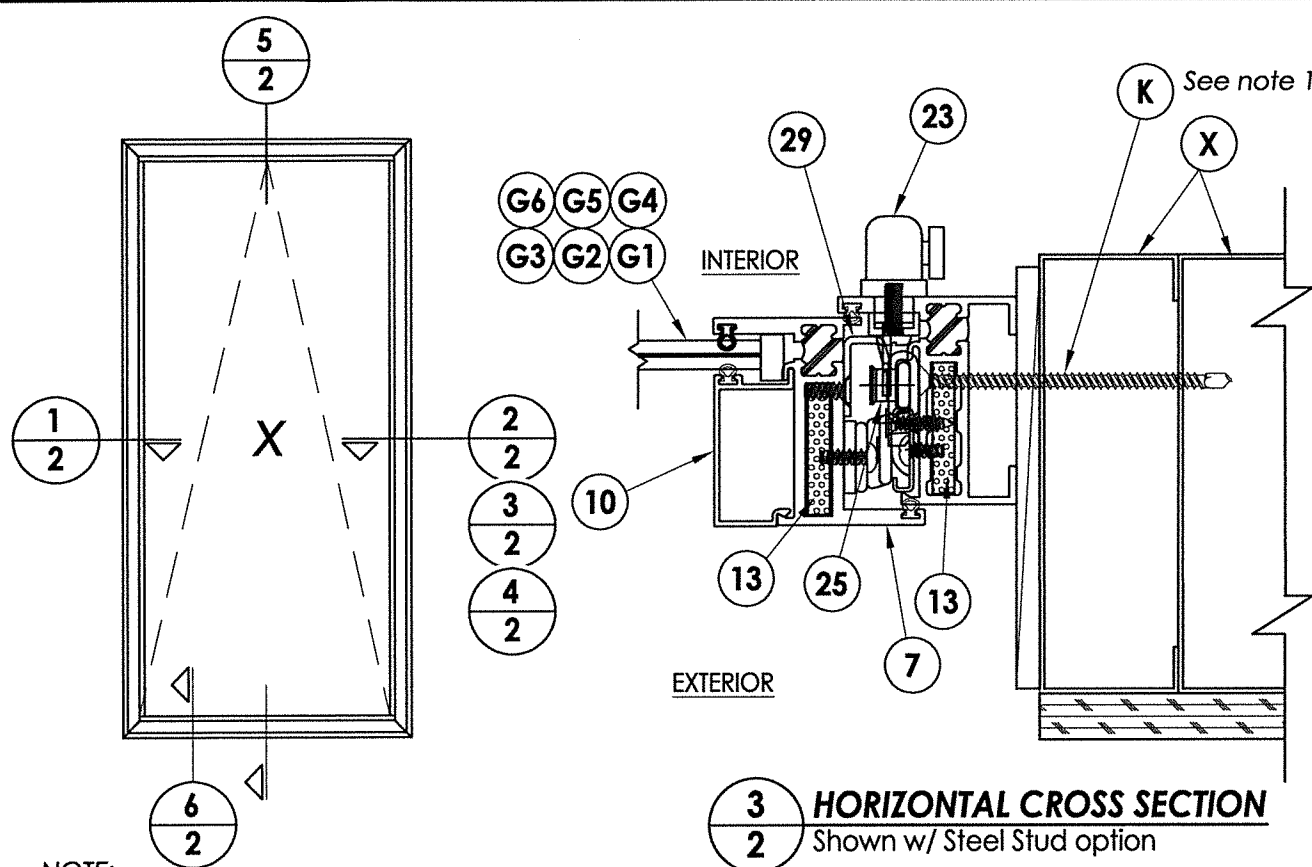
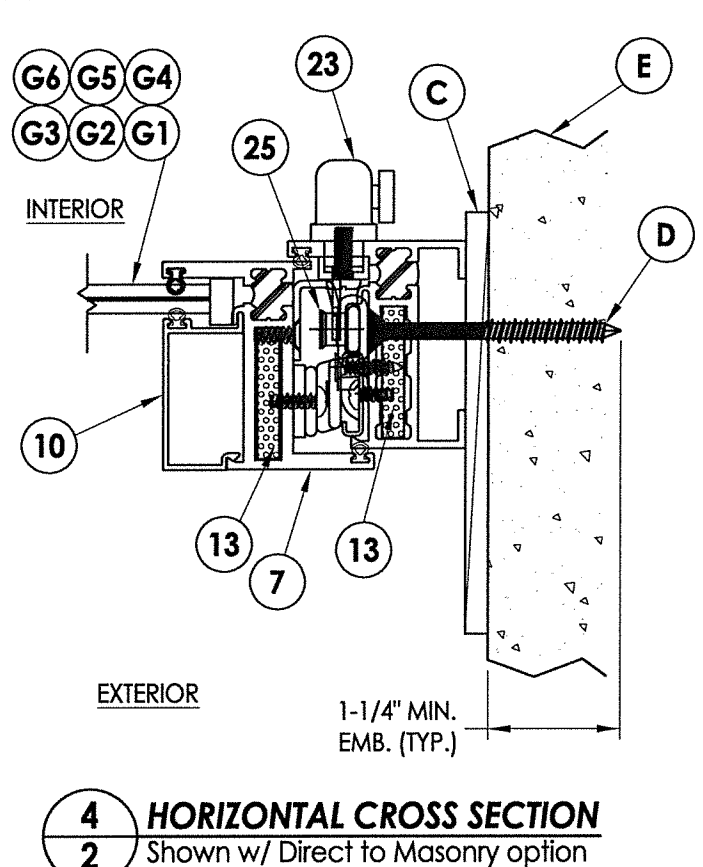




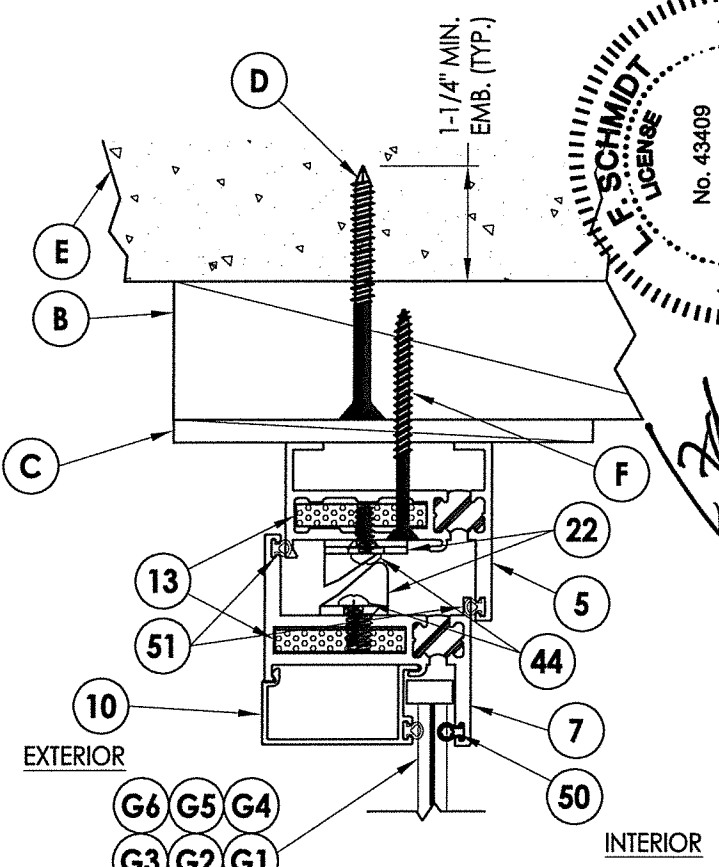
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**3 HORIZONTAL CROSS SECTION**  
2 Shown w/ Steel Stud option

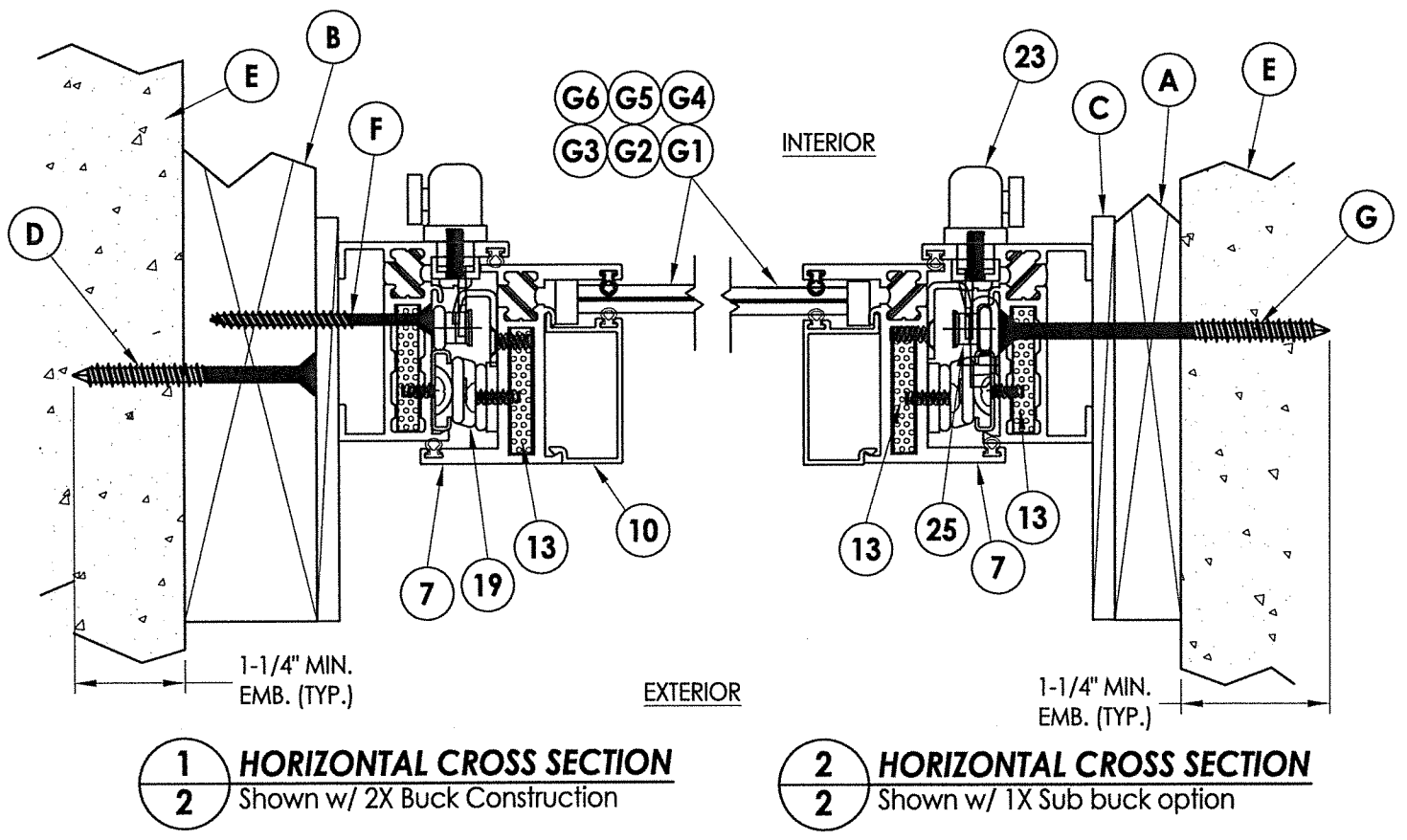


**4 HORIZONTAL CROSS SECTION**  
2 Shown w/ Direct to Masonry option

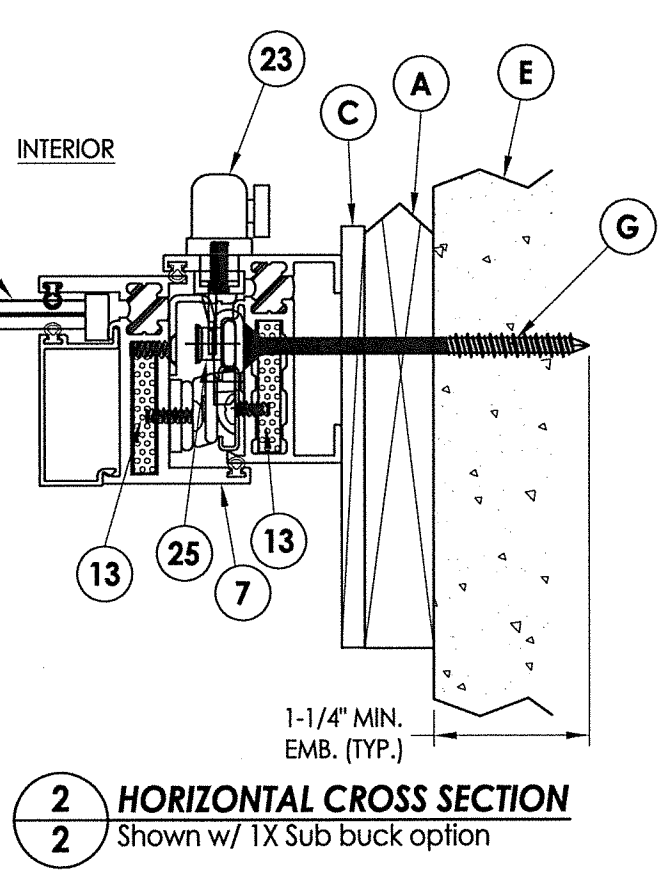


**5 VERTICAL CROSS SECTION**  
2 Shown w/ 2X Buck Construction

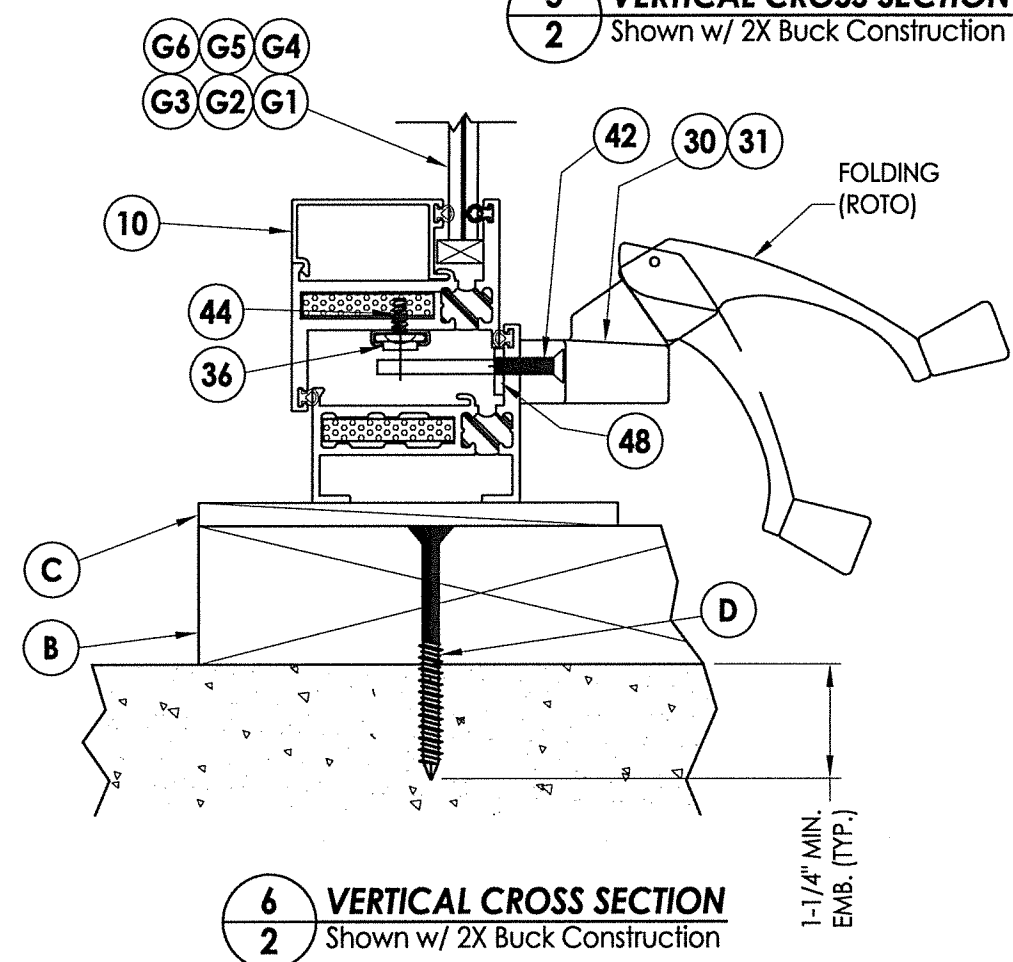
**NOTE:**  
1. Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain a minimum 1/2\"/>



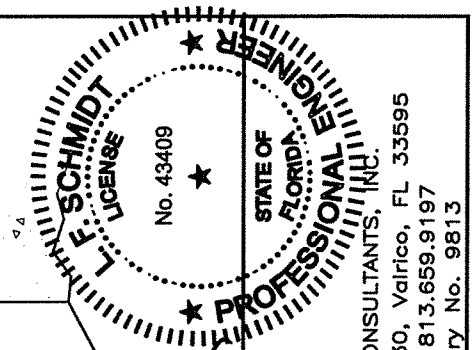
**1 HORIZONTAL CROSS SECTION**  
2 Shown w/ 2X Buck Construction



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



**6 VERTICAL CROSS SECTION**  
2 Shown w/ 2X Buck Construction



December 8, 2021  
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

PRODUCT:  
FLEETWOOD WINDOWS AND DOORS  
PART OR ASSEMBLY:  
HORIZONTAL AND VERTICAL CROSS SECTIONS

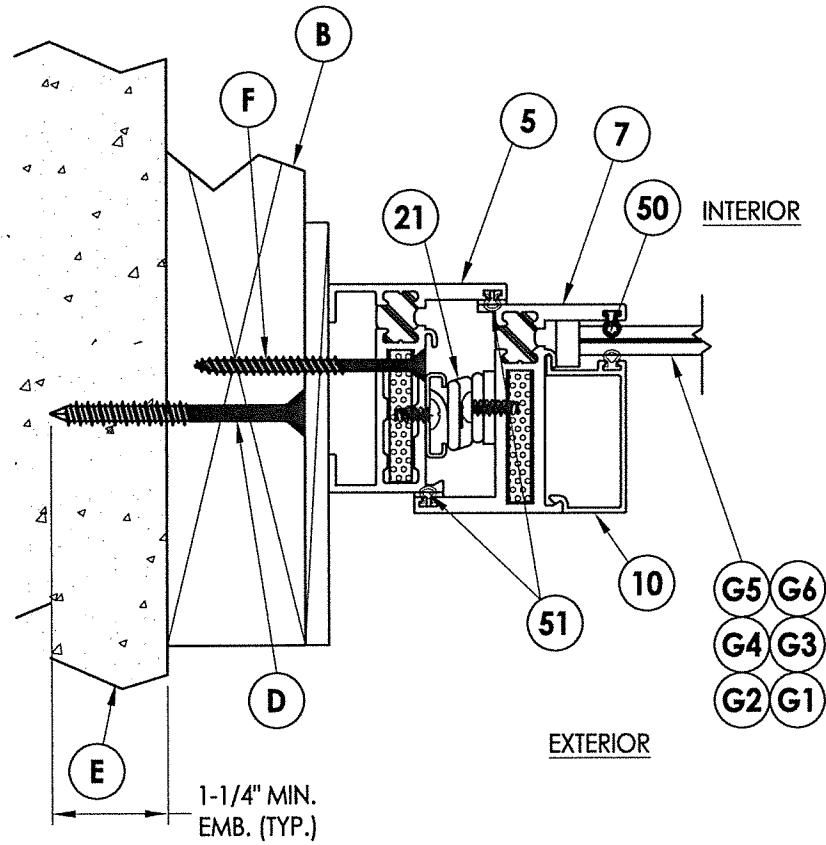
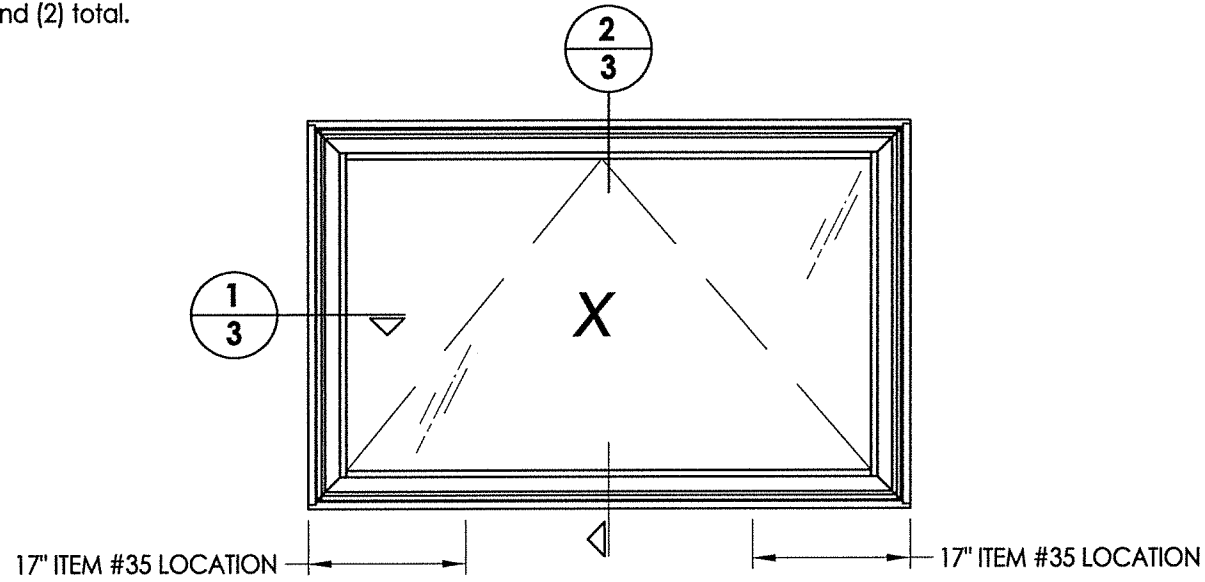
NO.	DATE	BY
5	12/08/21	LFS
4	8/10/20	DAC
3	8/07/17	FBC
2	8/22/16	JK
1	1/22/15	LFS

DATE: 4/28/14  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-14907.7  
SHEET 2 OF 7

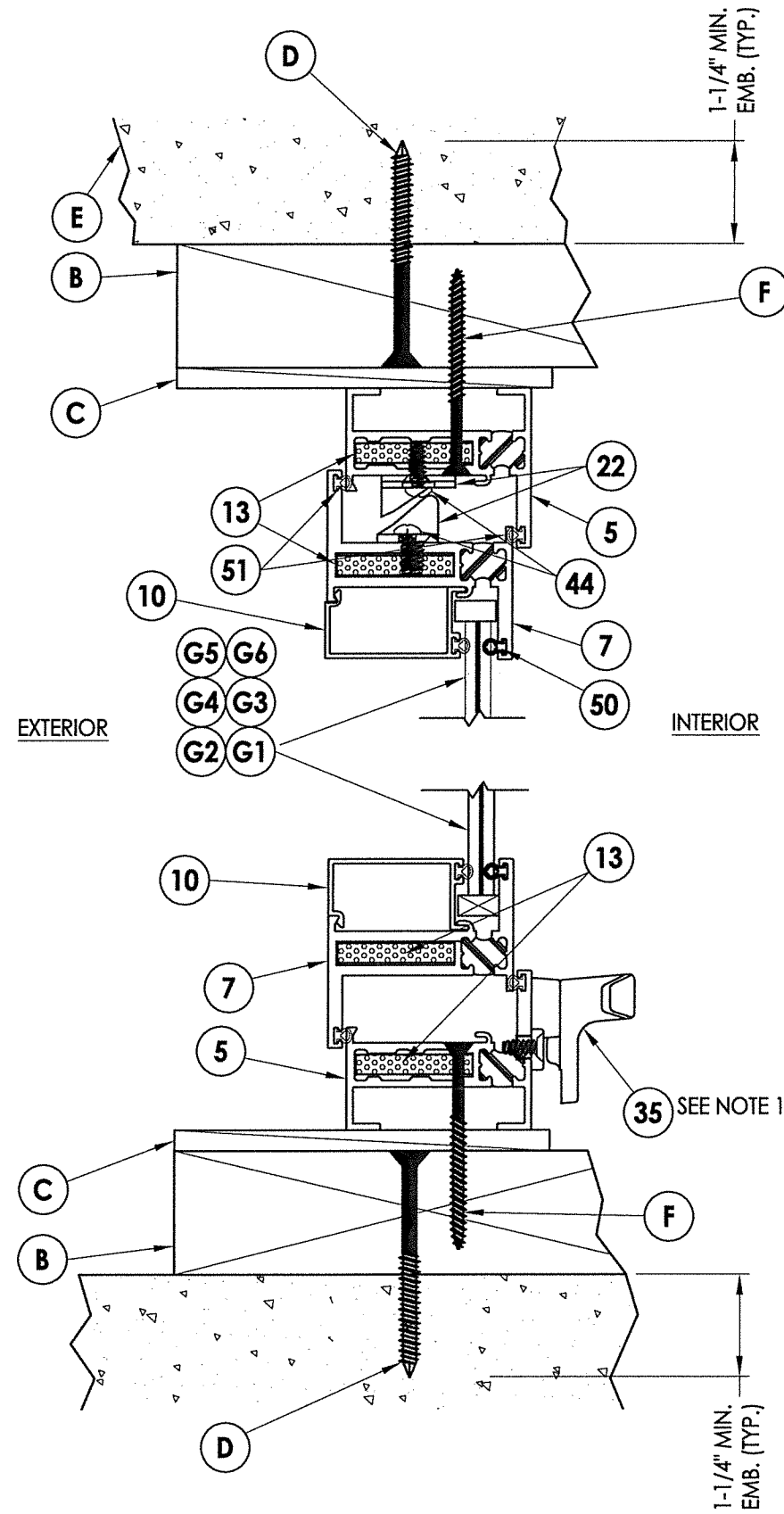
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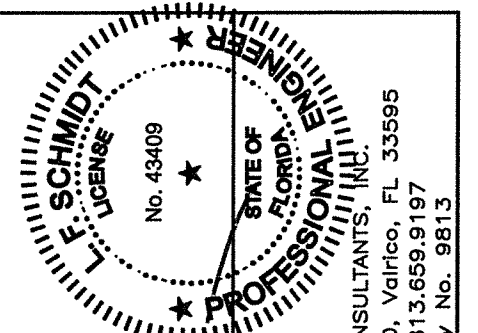
NOTE:  
1. Item #35 located 17"  
from each end (2) total.



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



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



December 8, 2021  
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

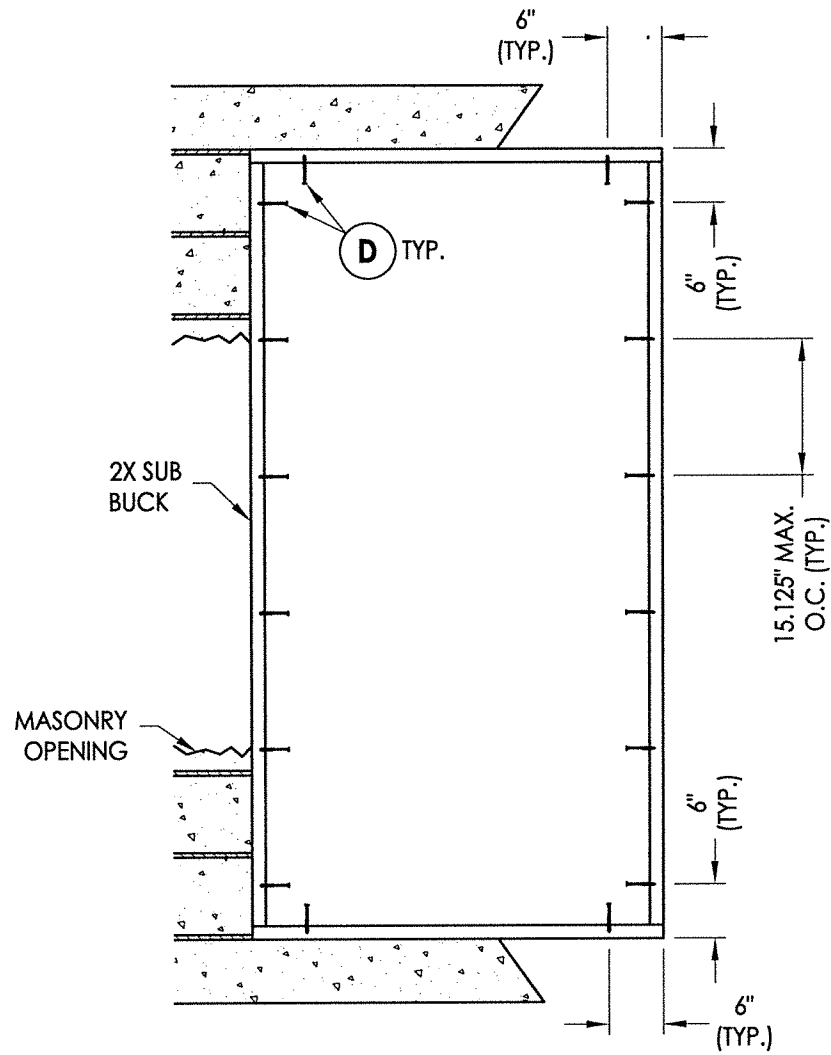
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT:  
FLEETWOOD WINDOWS AND DOORS  
PART OR ASSEMBLY:  
HORIZONTAL AND VERTICAL  
CROSS SECTIONS

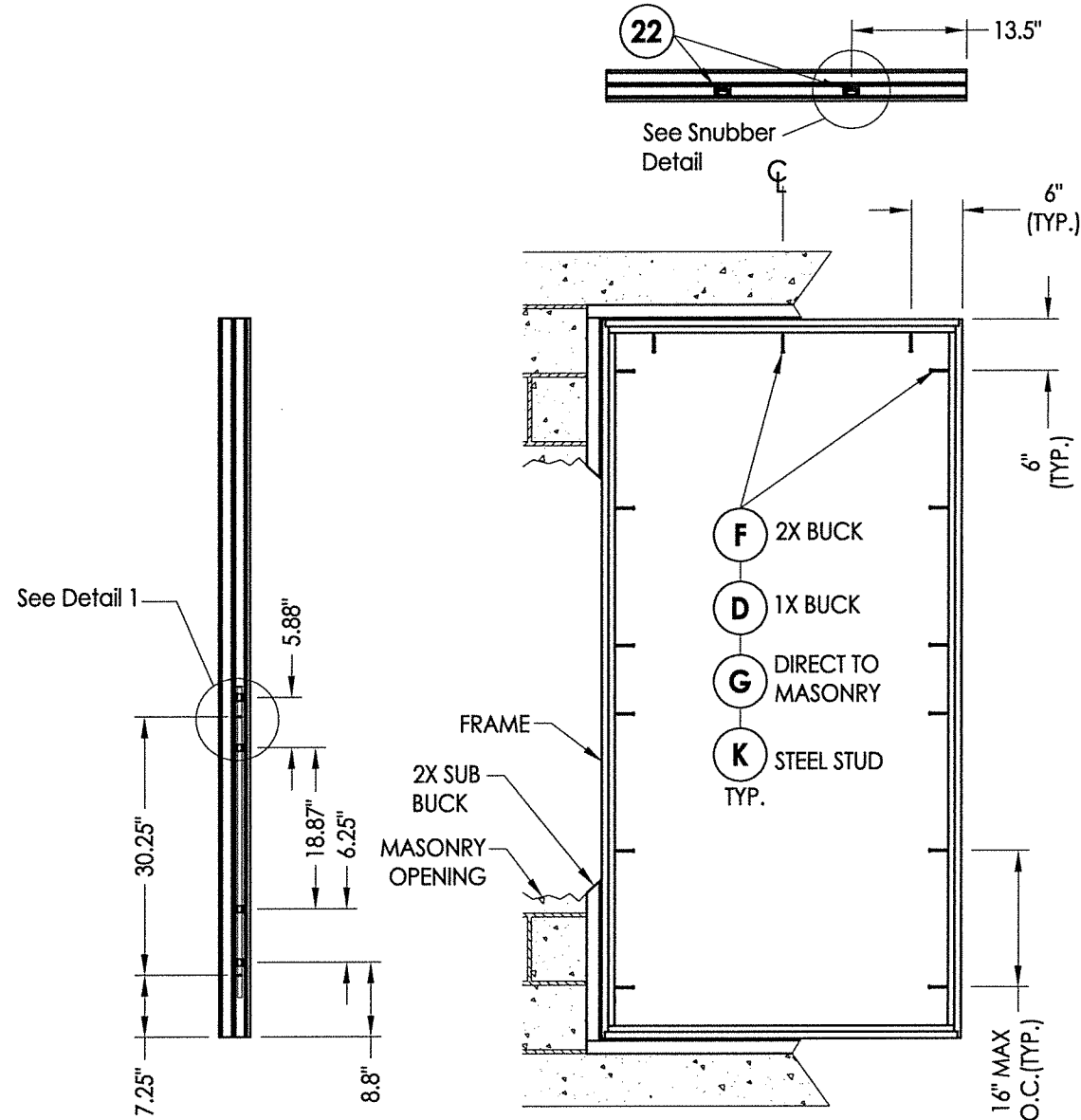
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4	8/10/20	DAC	FBC	
3	8/07/17	LFS	FBC	
2	8/22/16	LFS	JK	
1	1/22/15	LFS	FBC	

DATE: 4/28/14  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.:  
FL-14907.7  
SHEET 3 OF 7

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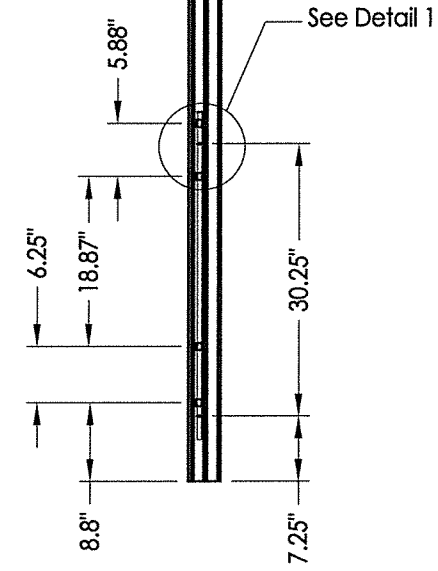


**2X BUCK ANCHORING**  
42" X 84" Max Size



**LOCK JAMB**  
2 Point Lock

**FRAME MOUNT ANCHORING**  
42" X 84" Max Size



**LOCK JAMB**  
2 Point Lock

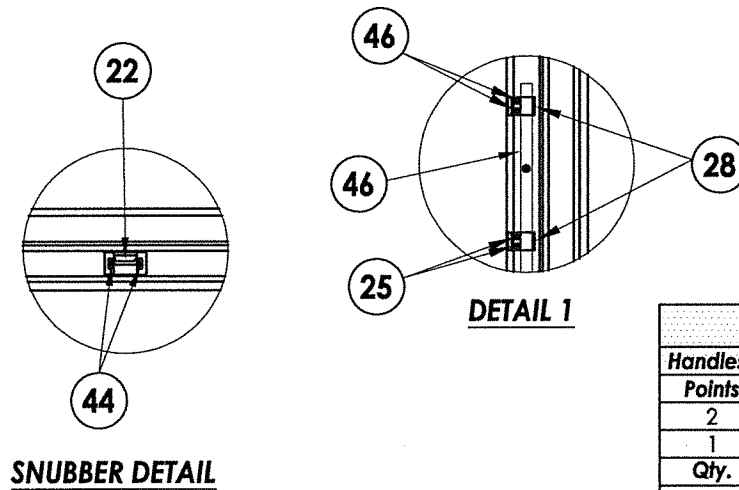
**CONCRETE ANCHOR NOTES:**

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"

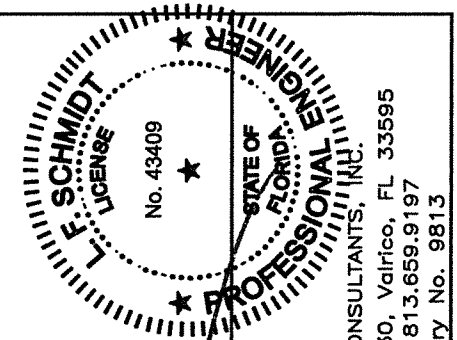
**WOOD SCREW INSTALLATION NOTES:**

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



**SNUBBER DETAIL**

HANDLES			
Points	Description	Height	
2	Multipoint	> 50"	*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks
1	Multipoint	≤ 50"	
Qty.			
2	Cam*	≤ 50"	



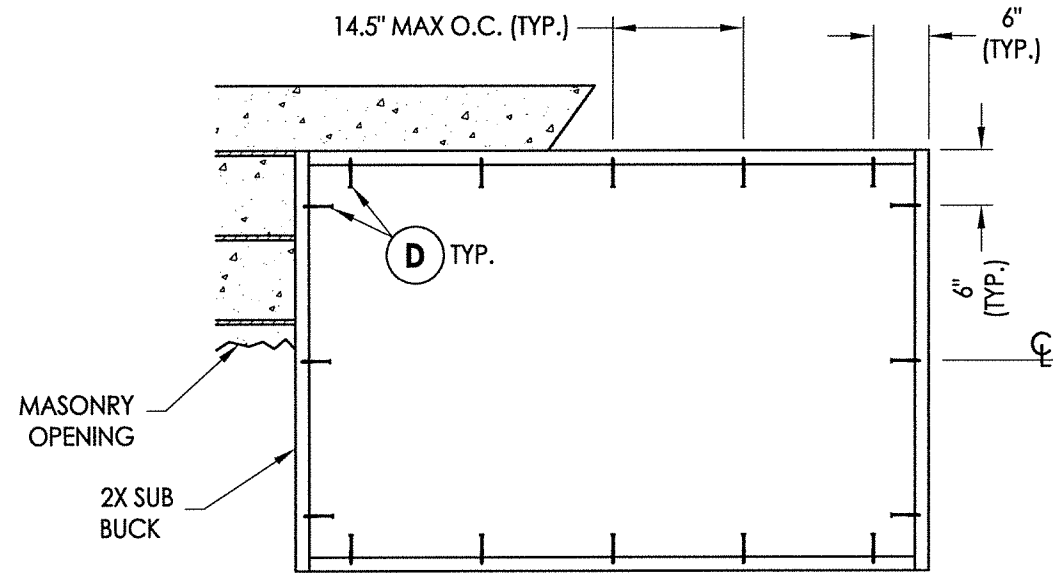
December 8, 2021  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 R.W. BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Vairico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE Registry No. 9813

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

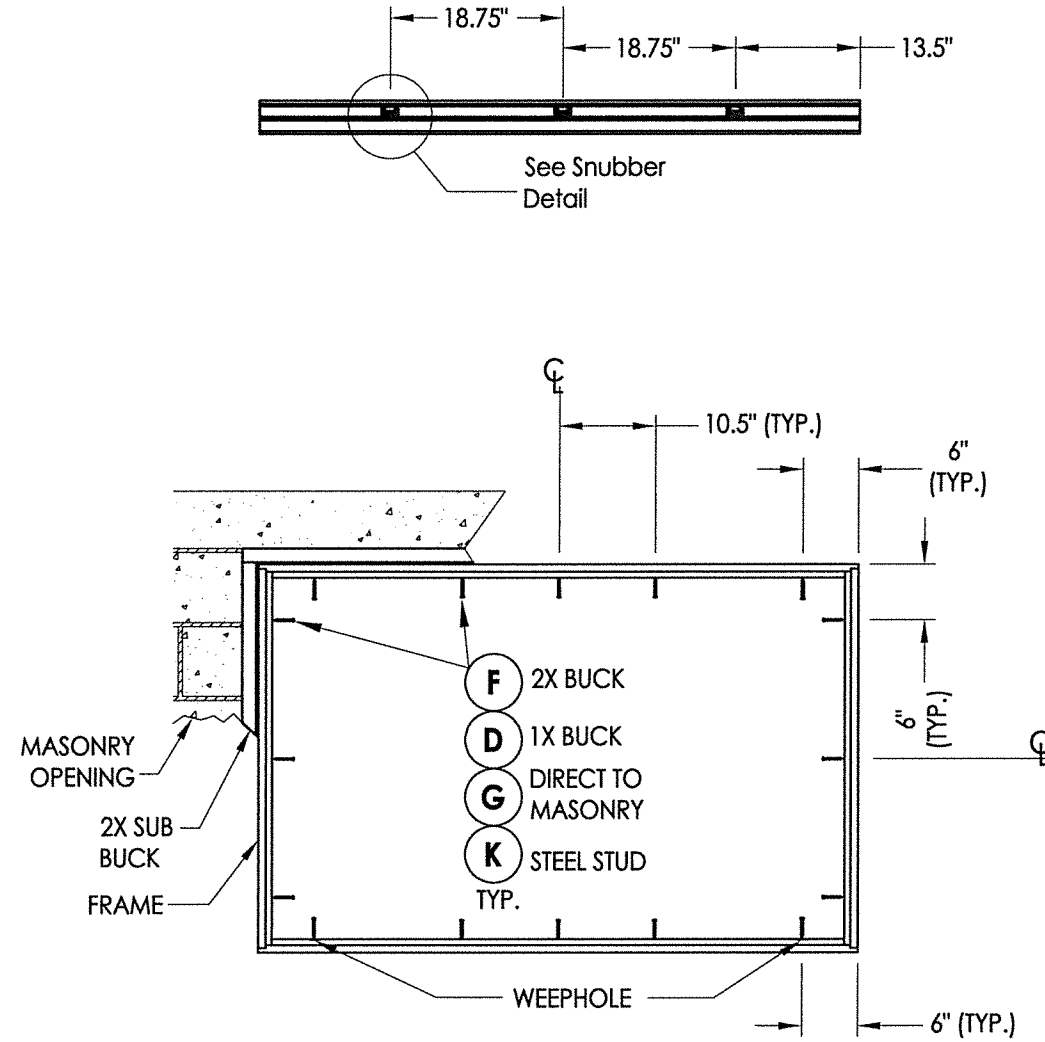
NO.	DATE	REVISIONS
5	12/08/21	SERIES NAME CHANGE
4	8/10/20	UPDATE TO 7TH ED. (2020) FBC
3	8/07/17	UPDATE TO 6TH ED. (2017) FBC
2	8/22/16	RENUMBER DRAWINGS
1	1/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 4/28/14  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-14907.7  
 SHEET 4 OF 7

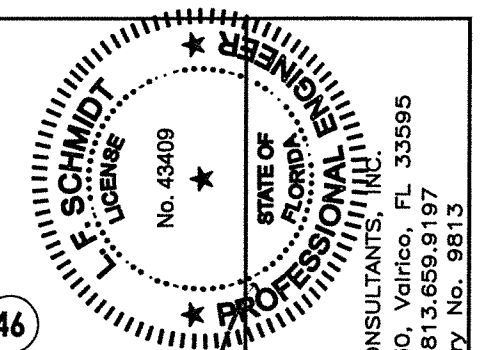
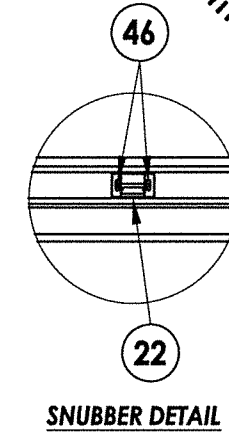
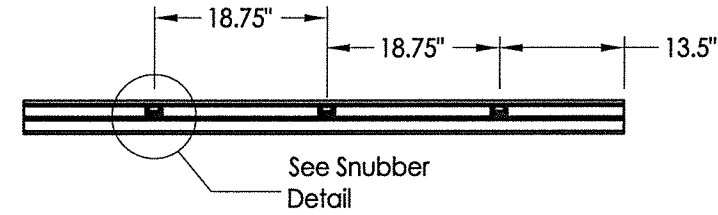
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**2X BUCK ANCHORING**  
65" X 42" Max Size



**FRAME MOUNT ANCHORING**  
65" X 42" Max Size



December 8, 2021  
 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

**CONCRETE ANCHOR NOTES:**

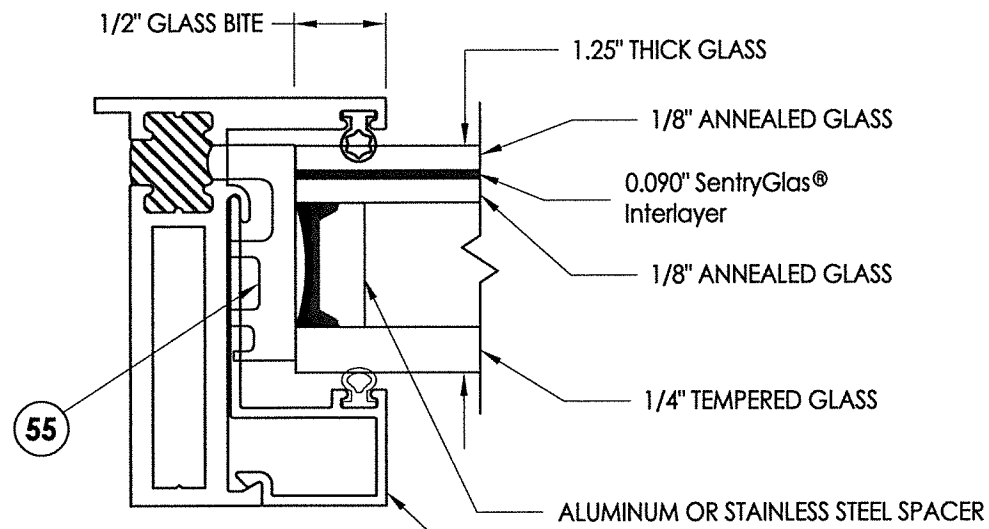
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX.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

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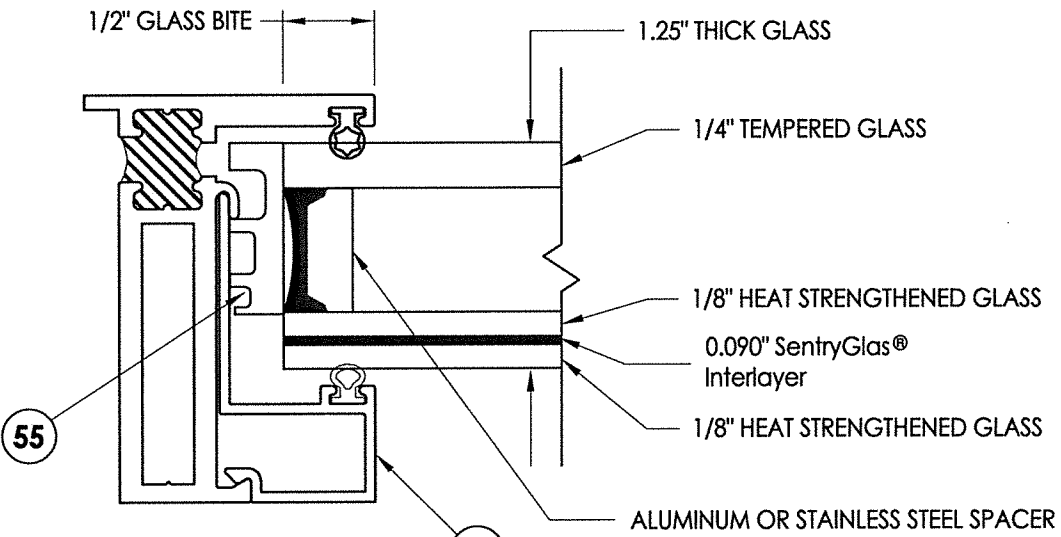
**WOOD SCREW INSTALLATION NOTES:**

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

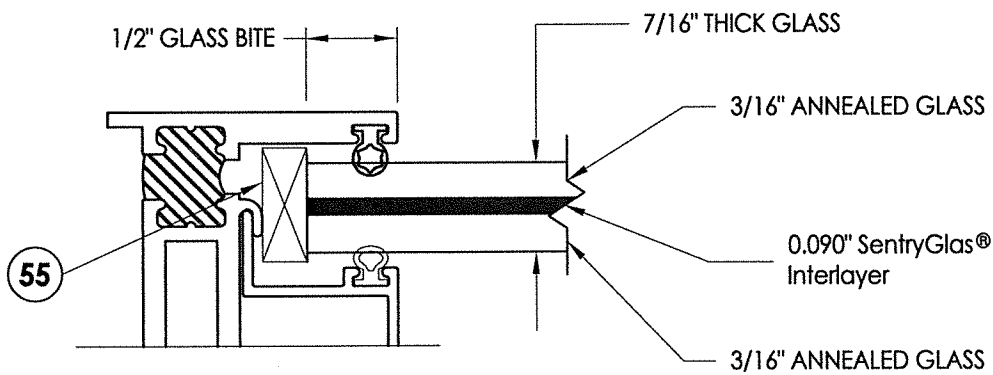
PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		BUCK & FRAME ANCHORING	
LFS	JK	LFS	BY
DAC	FBC	FBC	
LFS	FBC	FBC	
JK	FBC	FBC	
LFS	FBC	FBC	
BY			
REVISIONS			
5	12/08/21	SERIES NAME CHANGE	
4	8/10/20	UPDATE TO 7TH ED. (2020)	
3	8/07/17	UPDATE TO 6TH ED. (2017)	
2	8/22/16	RENUMBER DRAWINGS	
1	1/22/15	UPDATE TO 5TH ED. (2014)	
NO.	DATE		
DATE: 4/28/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14907.7			
SHEET 5 OF 7			



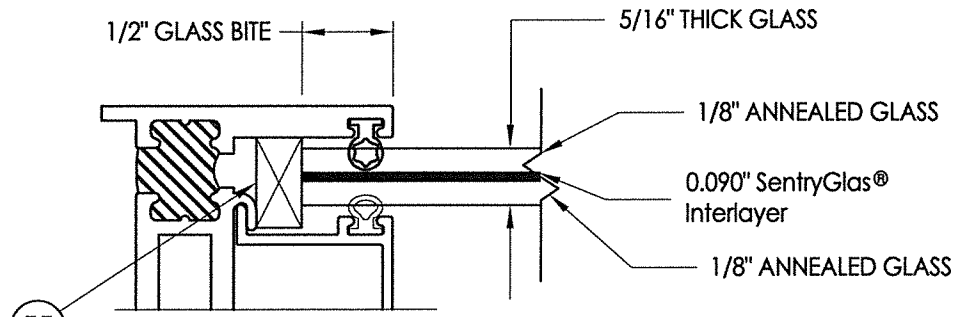
**G1 GLAZING DETAIL**



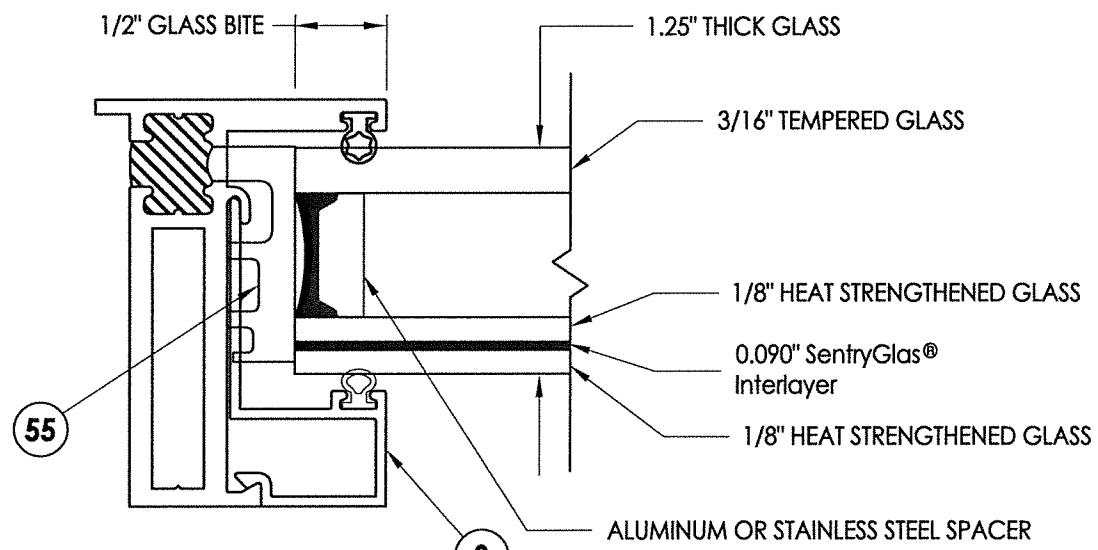
**G2 GLAZING DETAIL**



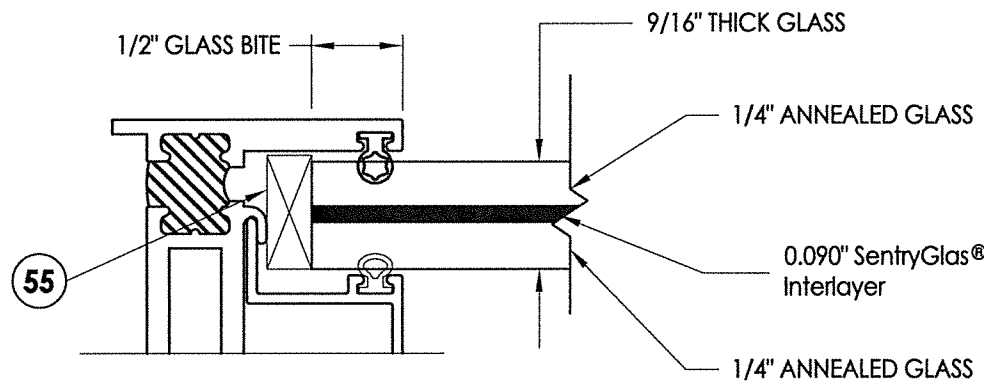
**G3 GLAZING DETAIL**



**G4 GLAZING DETAIL**



**G5 GLAZING DETAIL**



**G6 GLAZING DETAIL**

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

December 8, 2021  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409

**FLORIDA PROFESSIONAL ENGINEER**  
 No. 43409

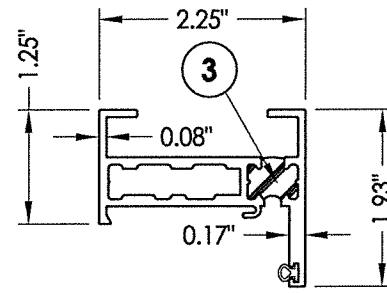
**R.W. BUILDING CONSULTANTS, INC.**  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE Registry No. 9813

PRODUCT: FLEETWOOD WINDOWS AND DOORS  
 PART OR ASSEMBLY: GLAZING DETAILS

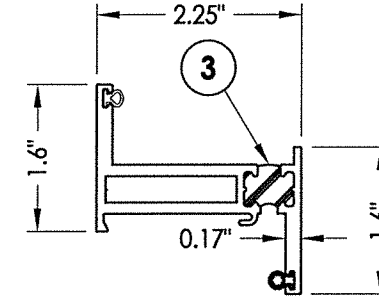
NO.	DATE	REVISIONS
5	12/08/21	SERIES NAME CHANGE
4	8/10/20	UPDATE TO 7th ED. (2020) FBC
3	8/07/17	UPDATE TO 6th ED. (2017) FBC
2	8/22/16	RENUMBER DRAWINGS
1	1/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 4/28/14  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-14907.7  
 SHEET 6 OF 7

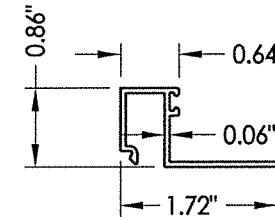
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PFH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
5	BLOCK FRAME (350-T)	6063-T6 ALUM
7	ZEE BAR (PANEL)	6063-T6 ALUM
8	GLASS STOP (1-1/4")	6063-T6 ALUM
10	GLASS STOP (5/16", 7/16", 9/16")	6063-T6 ALUM
12	SHEAR BLOCK	6061-T6 ALUM
13	CORNER KEY	6063-T6 ALUM
14	INSERT STOP	6063-T6 ALUM
19	2 BAR HINGE	SS
21	4 BAR HINGE	SS
22	SNUBBER-COMMERCIAL PULL-IN BLOCK	SS
23	MULTIPOINT LOCK HANDLE	SS
24	1 POINT LOCKING BAR (TRUTH)	SS
25	2 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	MACHINGE SCREW NO 10-32, FHP .75"	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	-
55	SETTING BLOCK (SANTOPRENE - 86 DUROMETER) - TREMCO	-



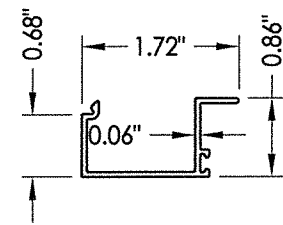
5 BLOCK FRAME



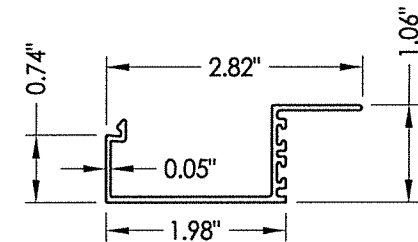
7 ZEE BAR (PANEL)



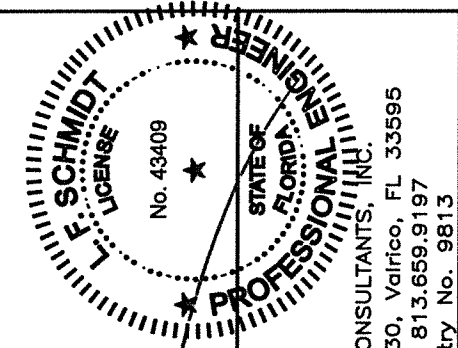
8 GLASS STOP 1-1/4"



10 GLASS STOP 5/16\", 7/16\", 9/16"



14 INSERT STOP



December 8, 2021  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 R.W.  
 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:		BILL OF MATERIALS AND COMPONENTS	
NO.	DATE	BY	REVISIONS
5	12/08/21	LFS	SERIES NAME CHANGE
4	8/10/20	DAC	UPDATE TO 7th ED. (2020) FBC
3	8/07/17	LFS	UPDATE TO 6TH ED. (2017) FBC
2	8/22/16	JK	RENUMBER DRAWINGS
1	1/22/15	LFS	UPDATE TO 5TH ED. (2014) FBC

DATE: 4/28/14  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-14907.7  
 SHEET 7 OF 7