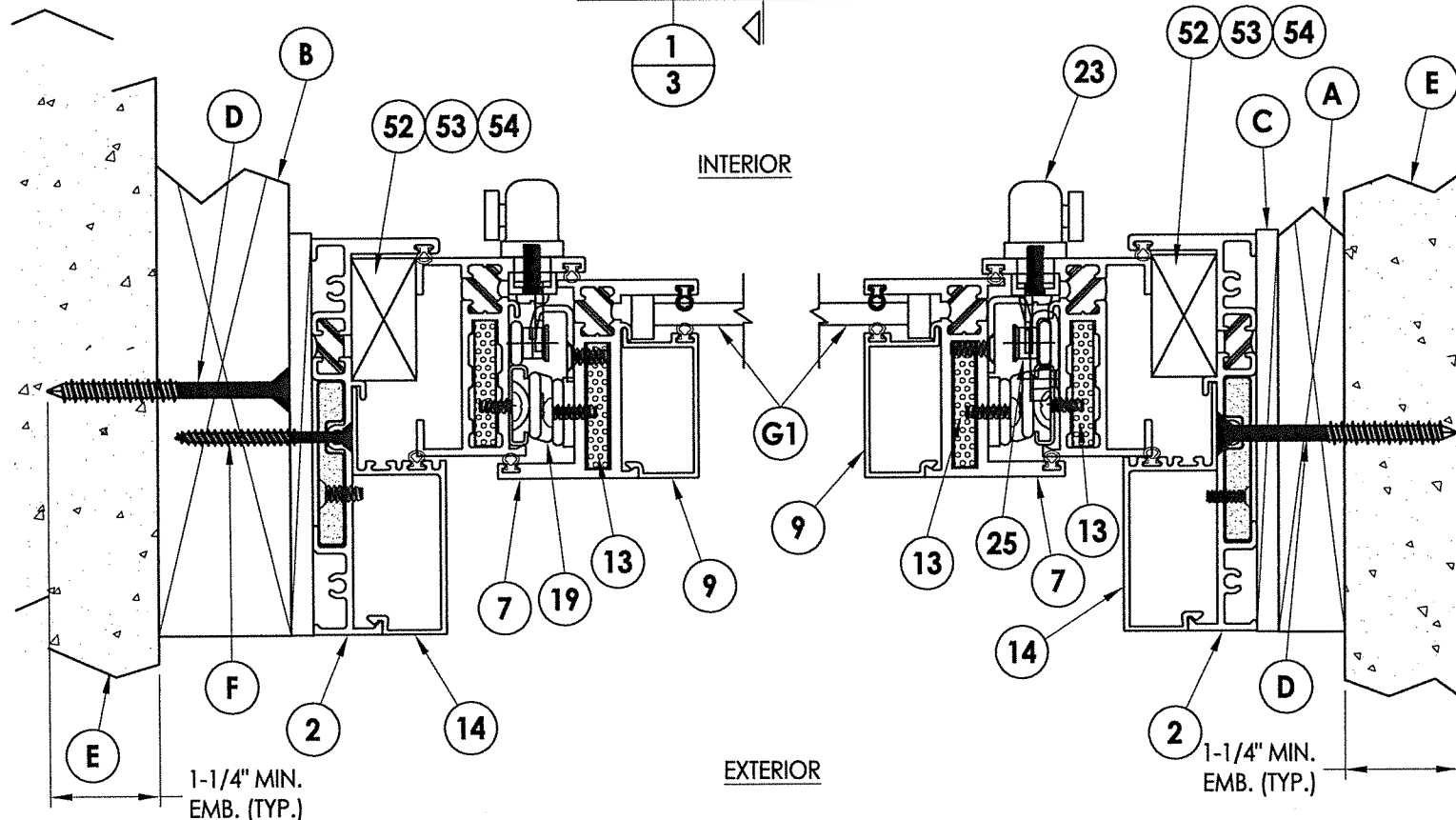
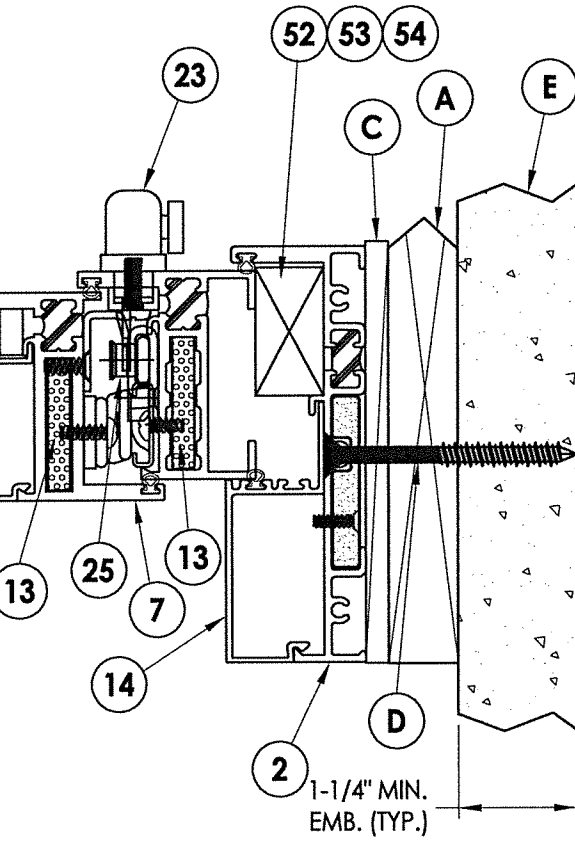


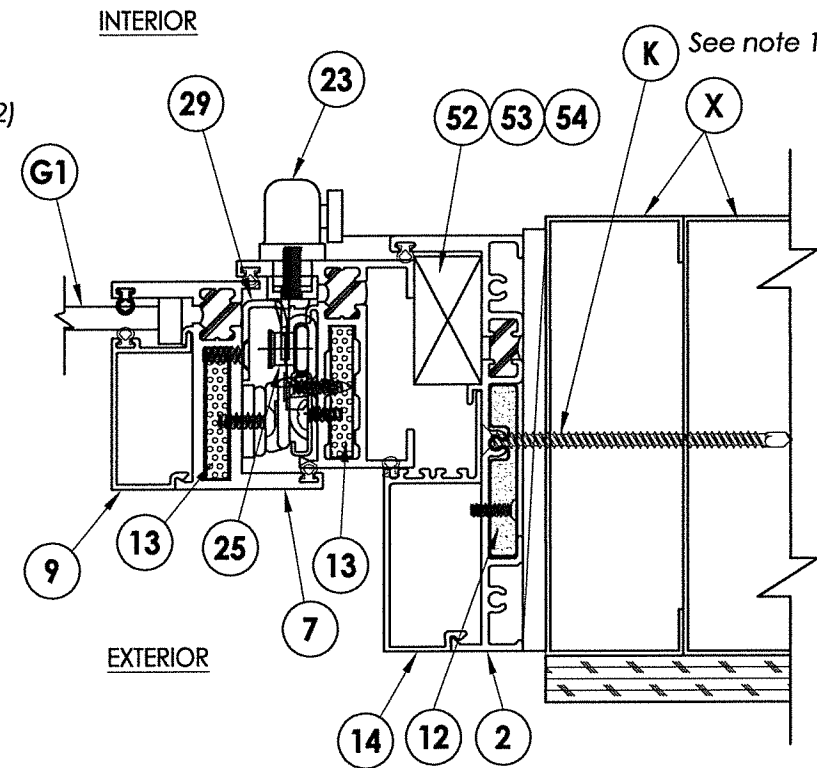
NOTE:
1. Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain a minimum 1/2" edge distance.



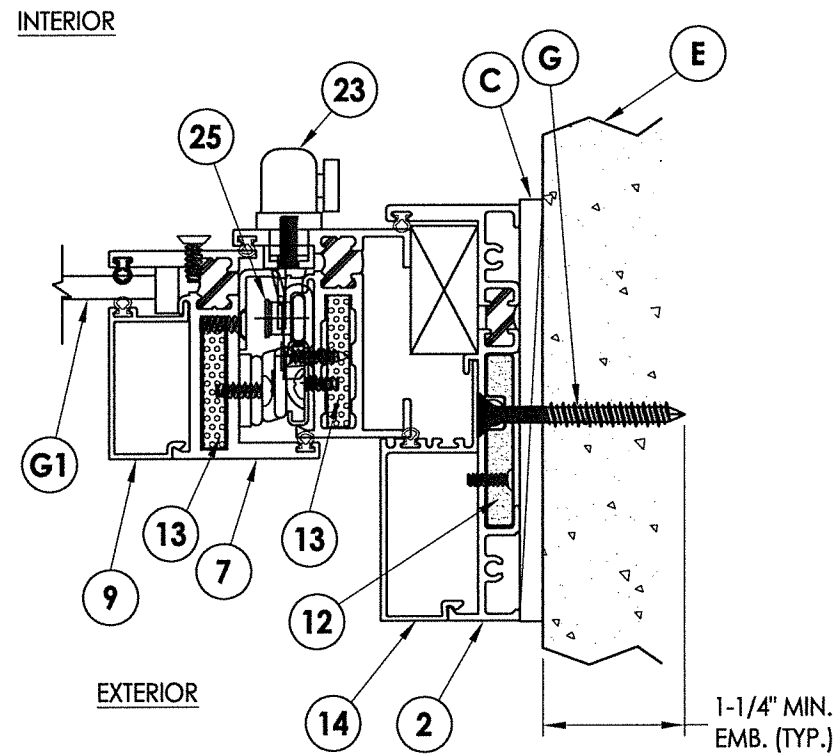
1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X Buck Construction



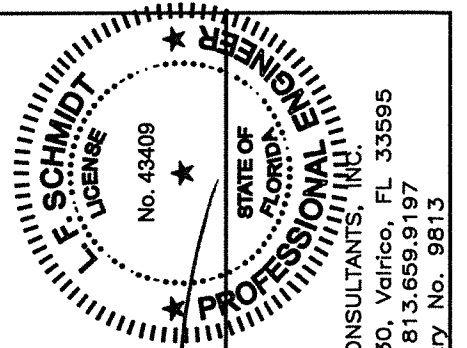
2 HORIZONTAL CROSS SECTION
2 Shown w/ 1X Sub buck option



3 HORIZONTAL CROSS SECTION
2 Shown w/ Steel Stud option

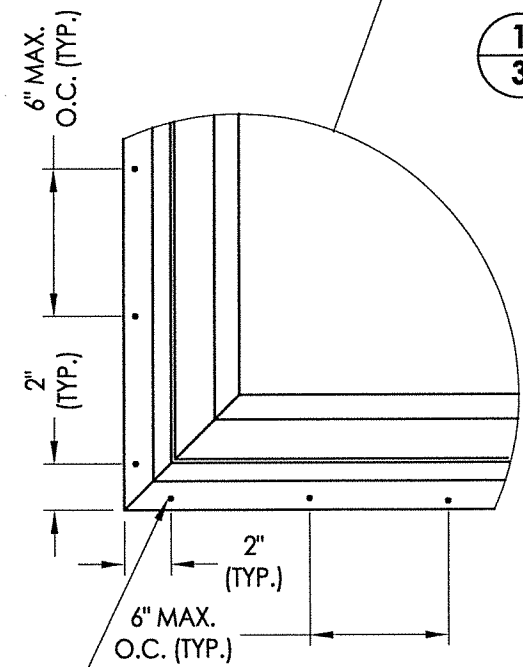
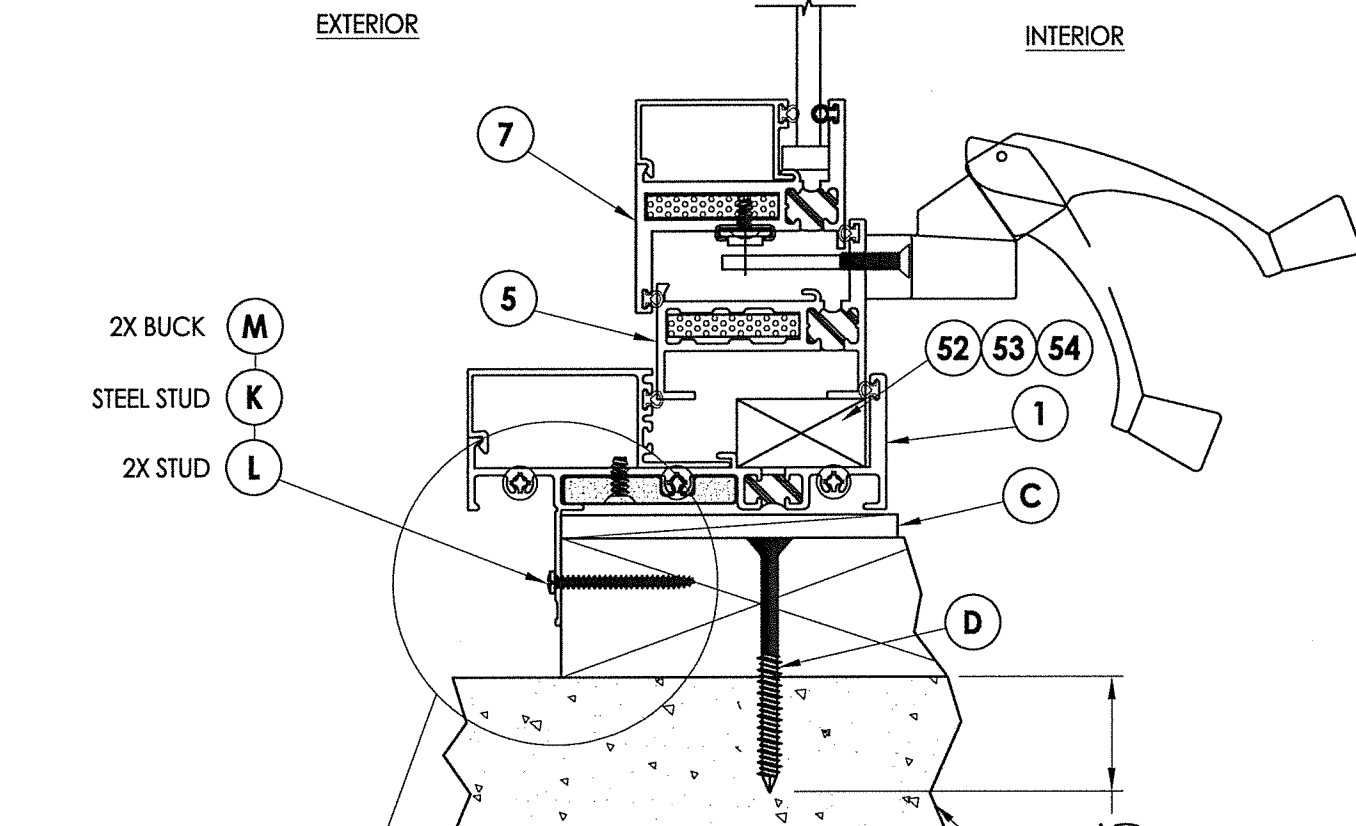


4 HORIZONTAL CROSS SECTION
2 Shown w/ Direct to Masonry option

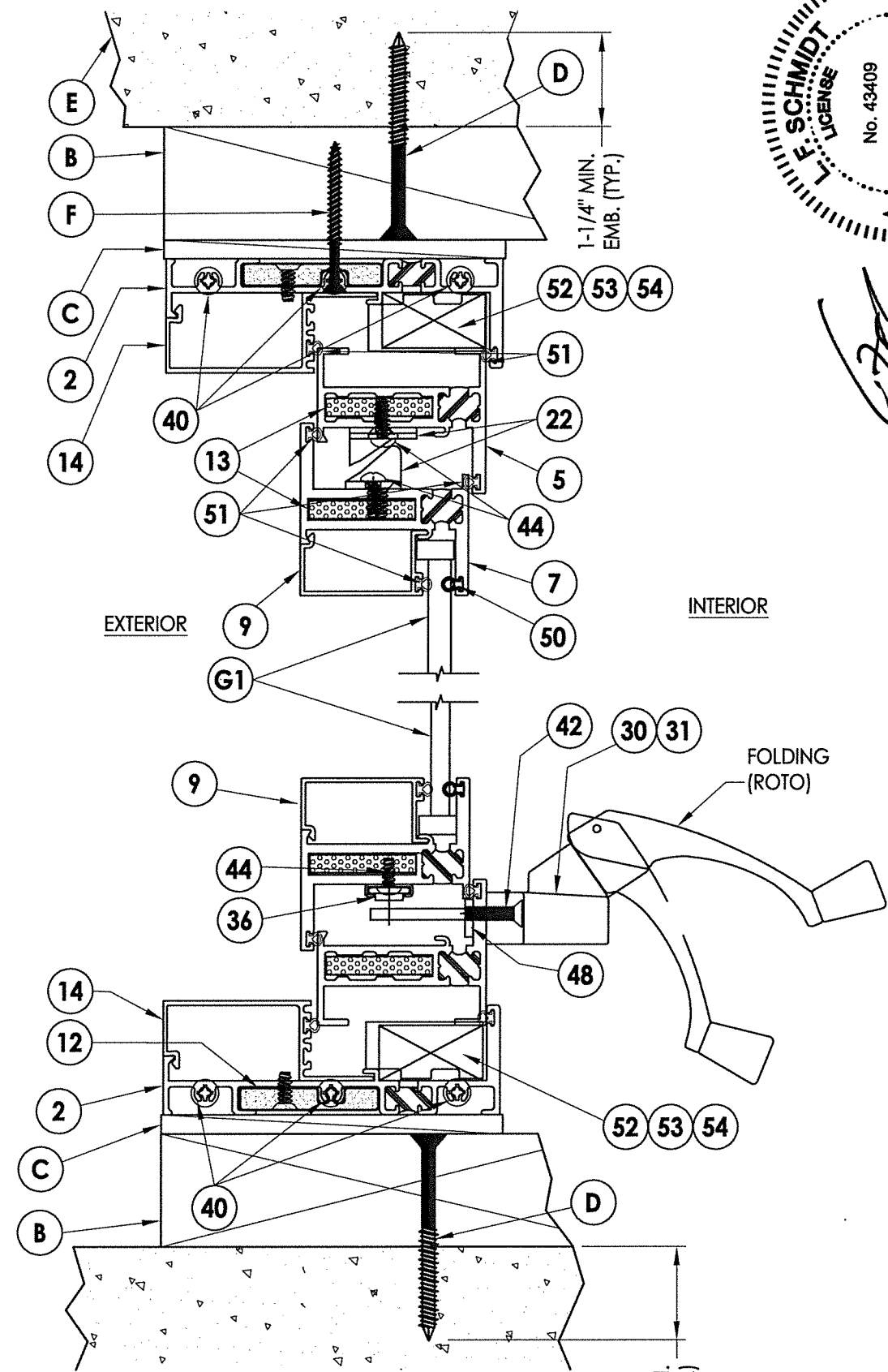


December 8, 2021
Documents Prepared By:
Lyndon F. Schmidt
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RW
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FBPE Registry No. 9813

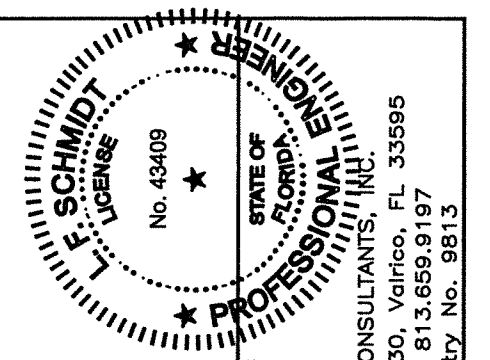
PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
6	12/08/21	SERIES NAME CHANGE	LFS
5	8/10/20	UPDATE TO 7th ED. (2020)	FBC
4	8/07/17	UPDATE TO 6TH ED. (2017)	FBC
3	8/22/16	RENUMBER DRAWINGS	JK
2	1/22/15	UPDATE TO 5TH ED. (2014)	FBC
1	4/24/14	ADD FRAME SIZE	JK
NO.	DATE		BY
DATE:		10/23/13	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-14907.1	
SHEET		2 OF 7	



WOOD BUCK/STUD: #8 PPH WOOD SCREW (Must penetrate a min. of 1-3/8" into wood substrate)
 STEEL STUD: #10 PPH SELF-DRILLING SMS (Must penetrate a min. of 3 threads through 0.033" min. thick steel)
 (NOTE: Maintain 1/2" minimum edge distance for wood and sheet metal screws)



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



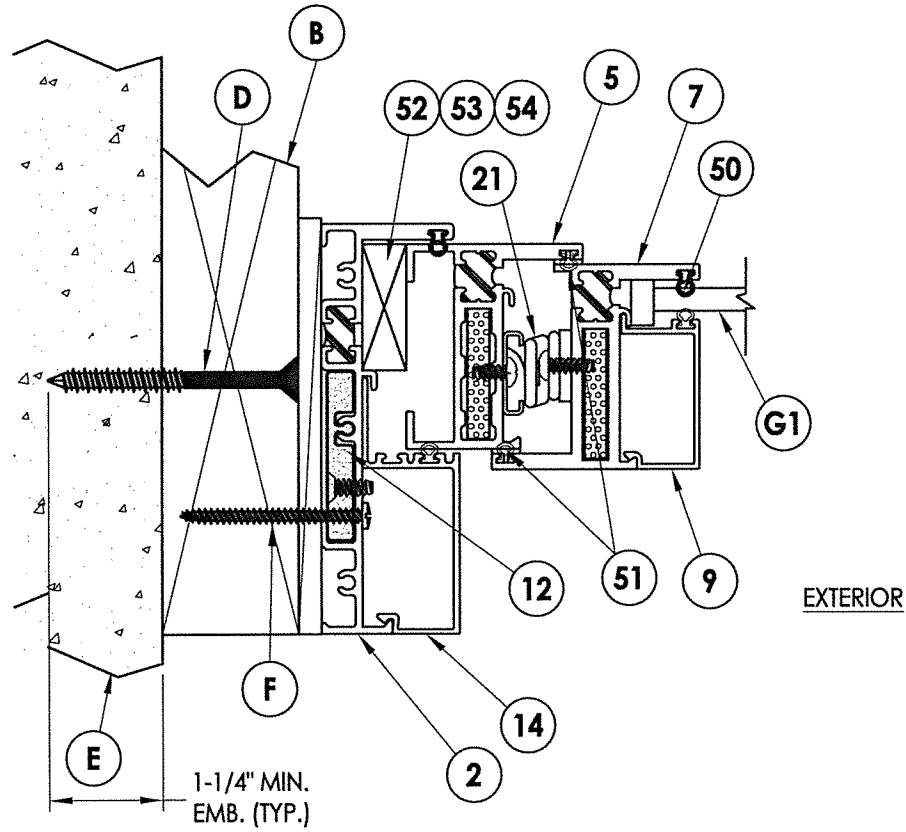
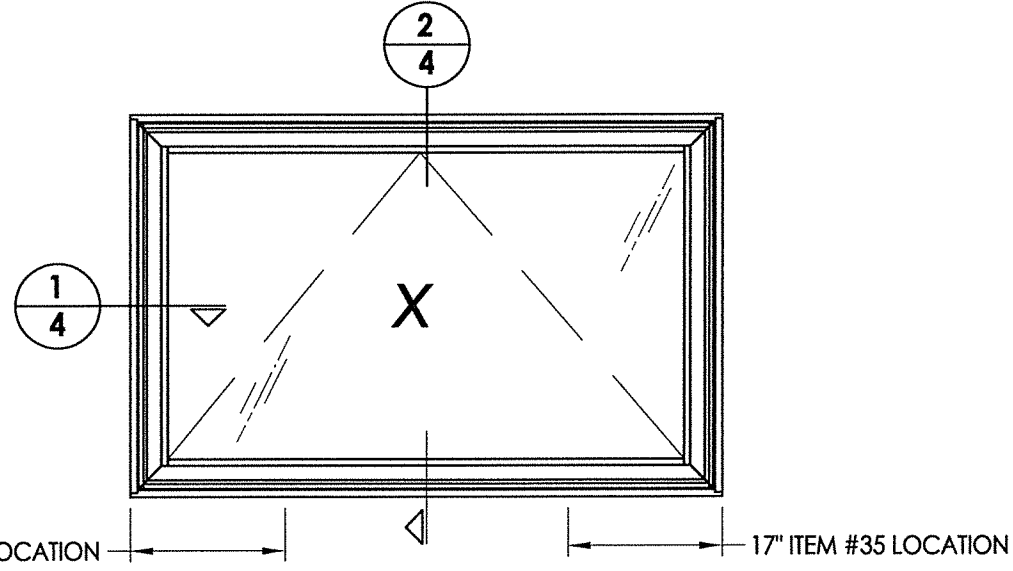
December 8, 2021
 Documents Prepared By:
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 FBPE Registry No. 9813

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

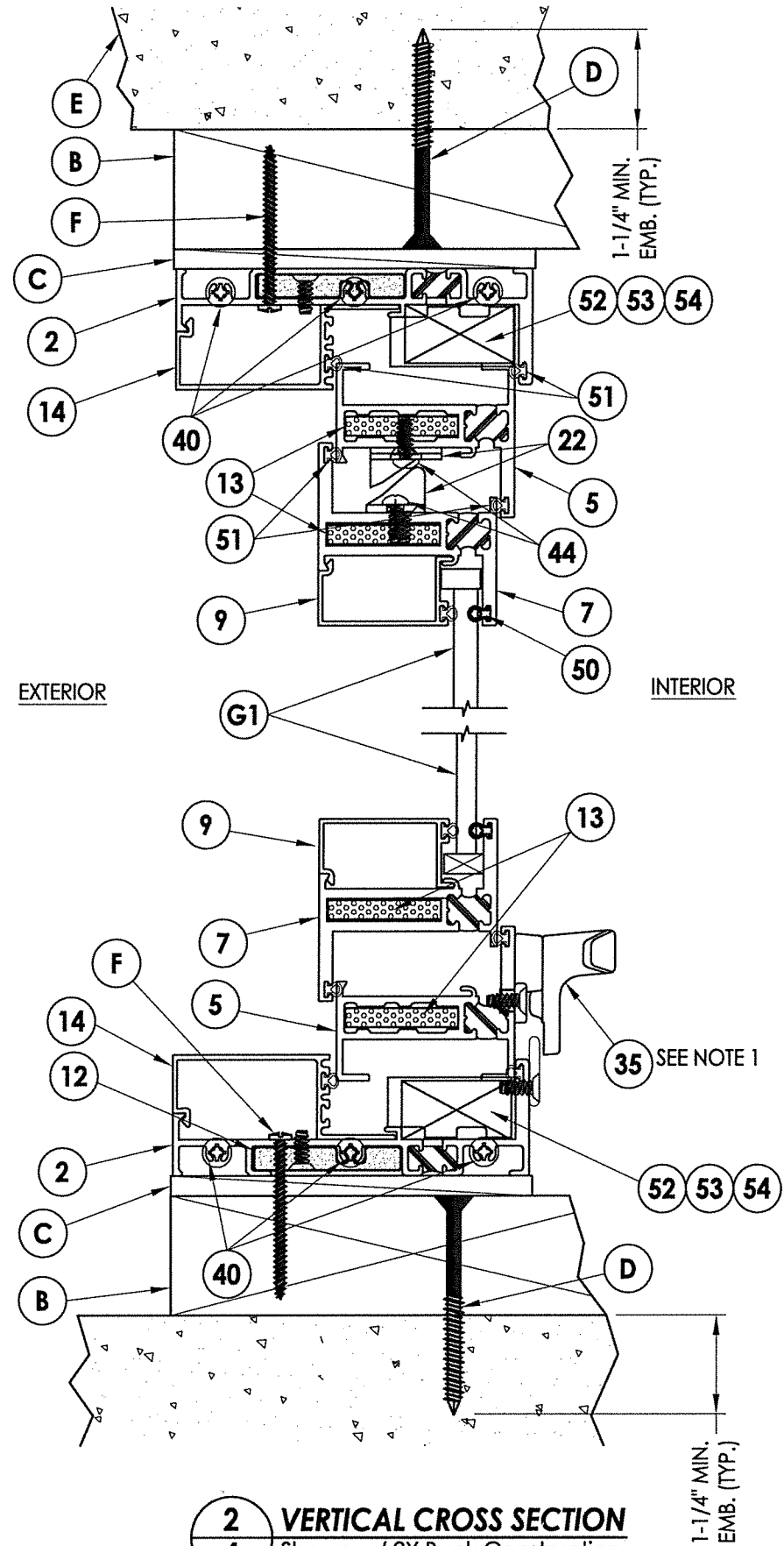
NO.	DATE	LFS	DAC	FBC	FBC	FBC	JK	JK	JK	BY
6	12/08/21	SERIES NAME CHANGE								
5	8/10/20	UPDATE TO 7th ED. (2020)								
4	8/07/17	UPDATE TO 6TH ED. (2017)								
3	8/22/16	RENUMBER DRAWINGS								
2	1/22/15	UPDATE TO 5TH ED. (2014)								
1	4/24/14	ADD FRAME SIZE								

DATE:	10/23/13
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14907.1
SHEET	3 OF 7

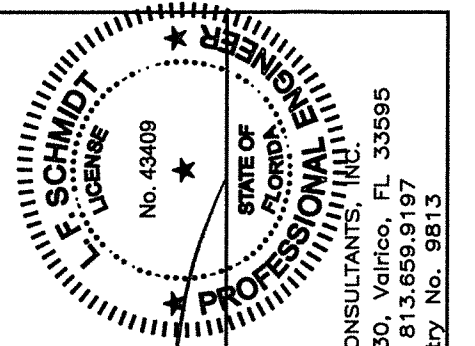
NOTE:
1. Item #35 located 17"
from each end (2) total.



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

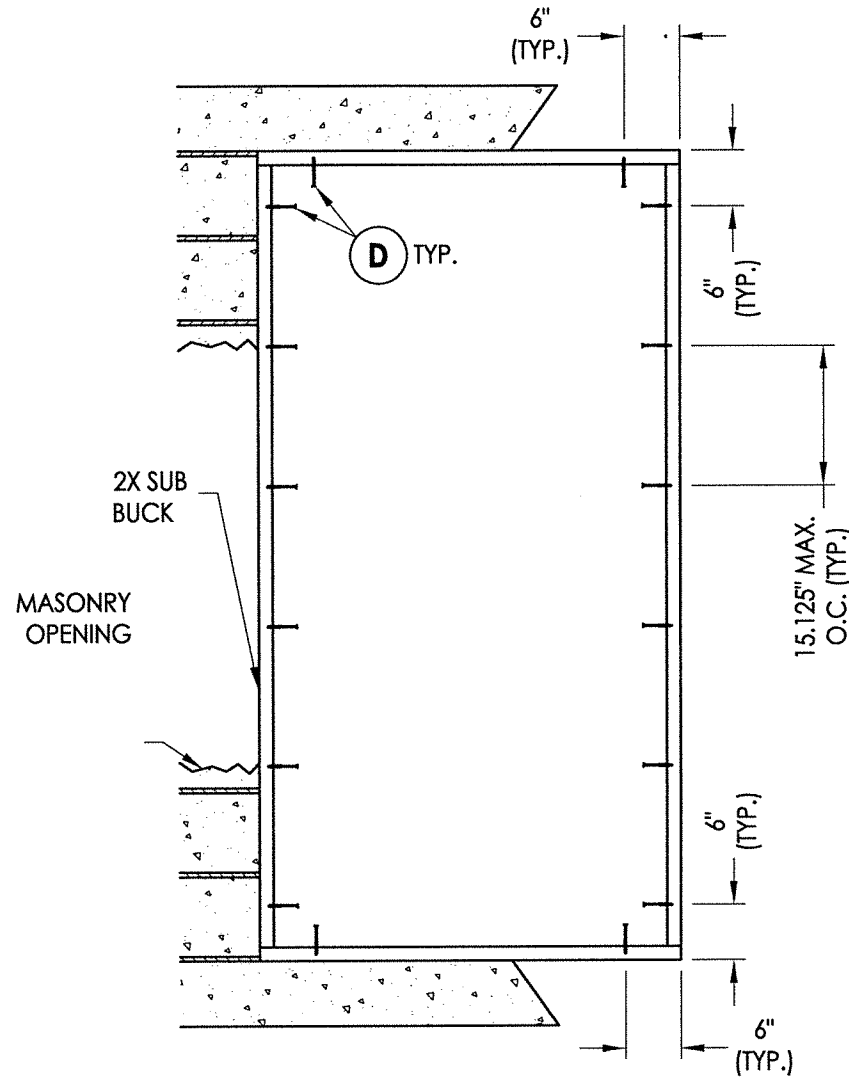


2 VERTICAL CROSS SECTION
4 Shown w/ 2X Buck Construction

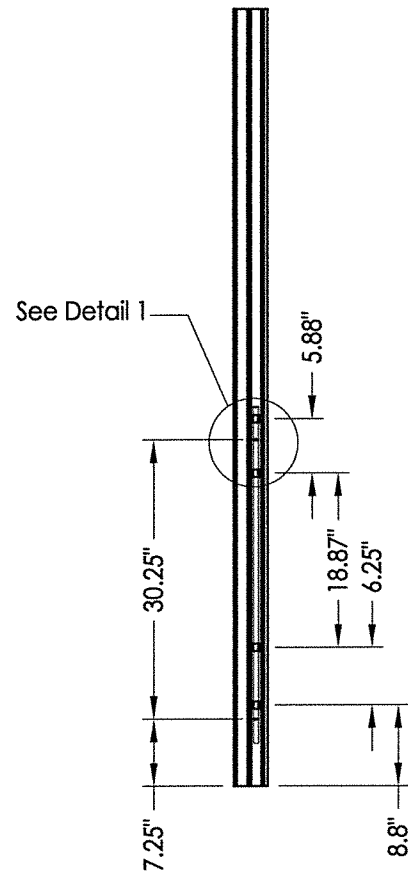


December 8, 2021
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FBPE Registry No. 9813

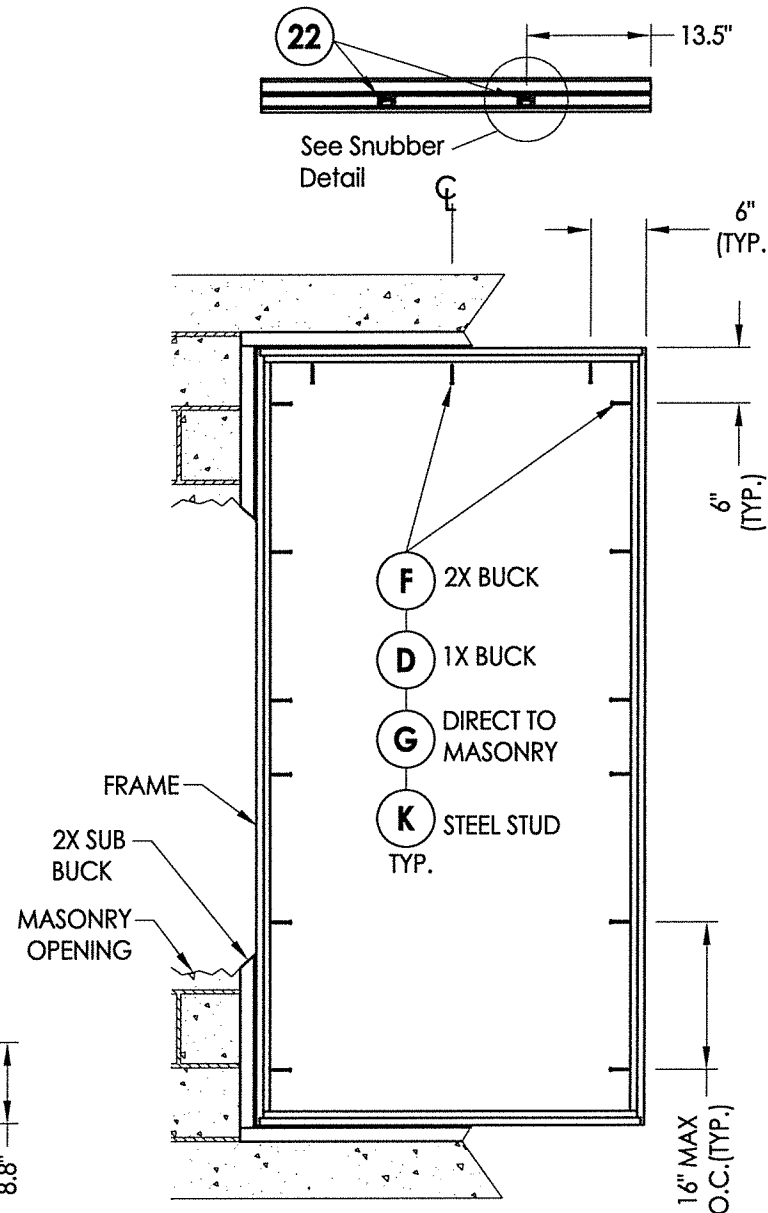
PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		HORIZONTAL AND VERTICAL CROSS SECTIONS	
LFS	12/08/21	SERIES NAME CHANGE	JK
DAC	8/10/20	UPDATE TO 7th ED. (2020)	FBC
LFS	8/07/17	UPDATE TO 6TH ED. (2017)	FBC
JK	8/22/16	RENUMBER DRAWINGS	JK
LFS	1/22/15	UPDATE TO 5TH ED. (2014)	FBC
JK	4/24/14	ADD FRAME SIZE	JK
BY	NO.	DATE	BY
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14907.1			
SHEET 4 OF 7			



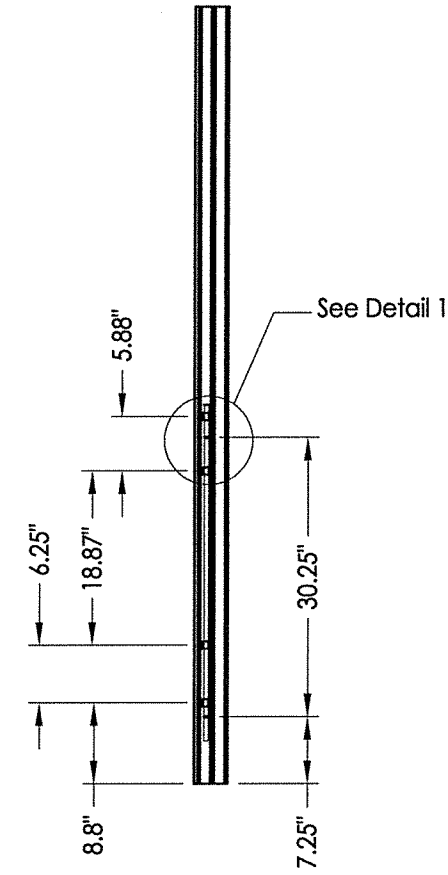
2X BUCK ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock



FRAME MOUNT ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock

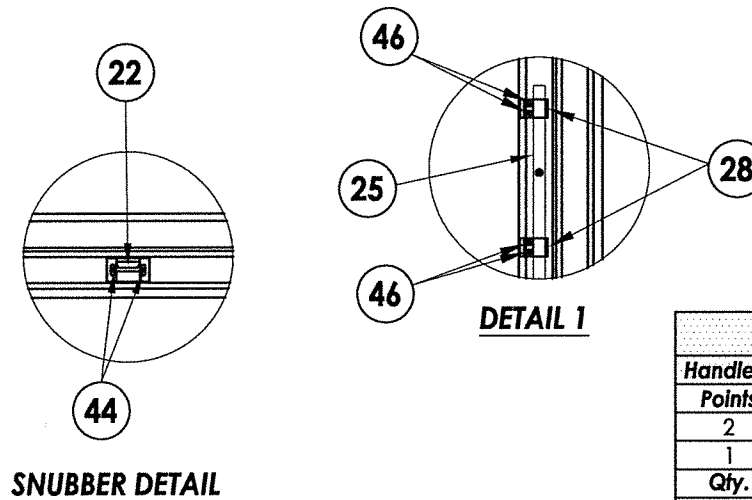
CONCRETE ANCHOR NOTES:

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:

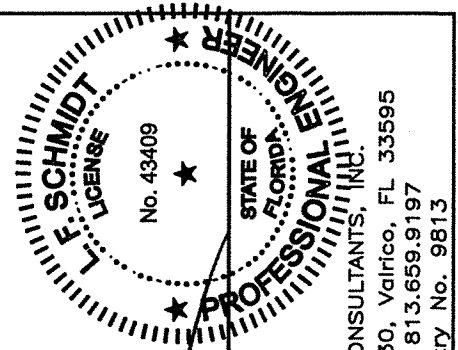
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.

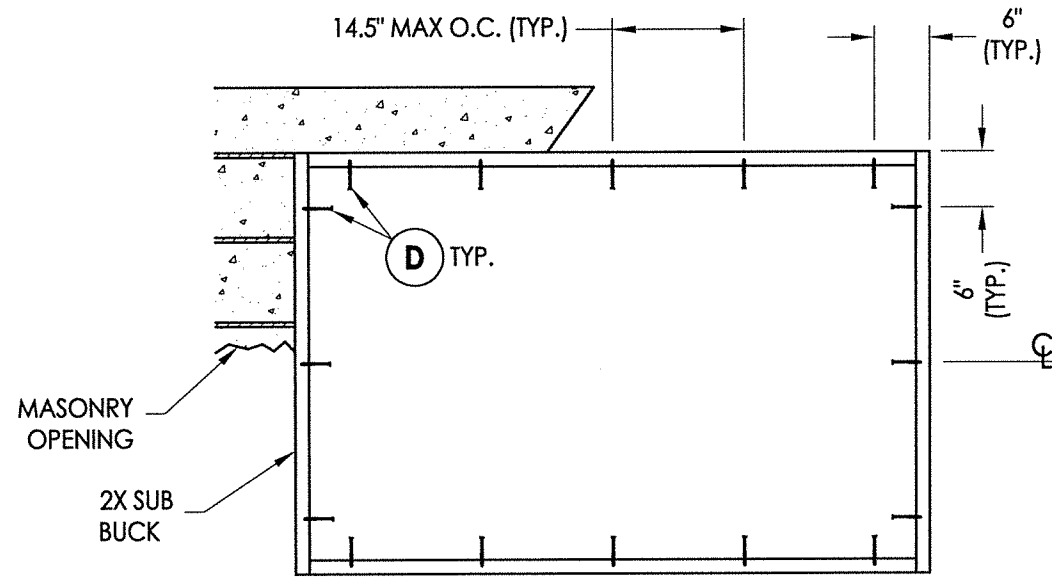


HARDWARE TABLE			
Points	Description	Height	
2	Multipoint	> 50"	*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks
1	Multipoint	≤ 50"	
Qty.			
2	Cam*	≤ 50"	

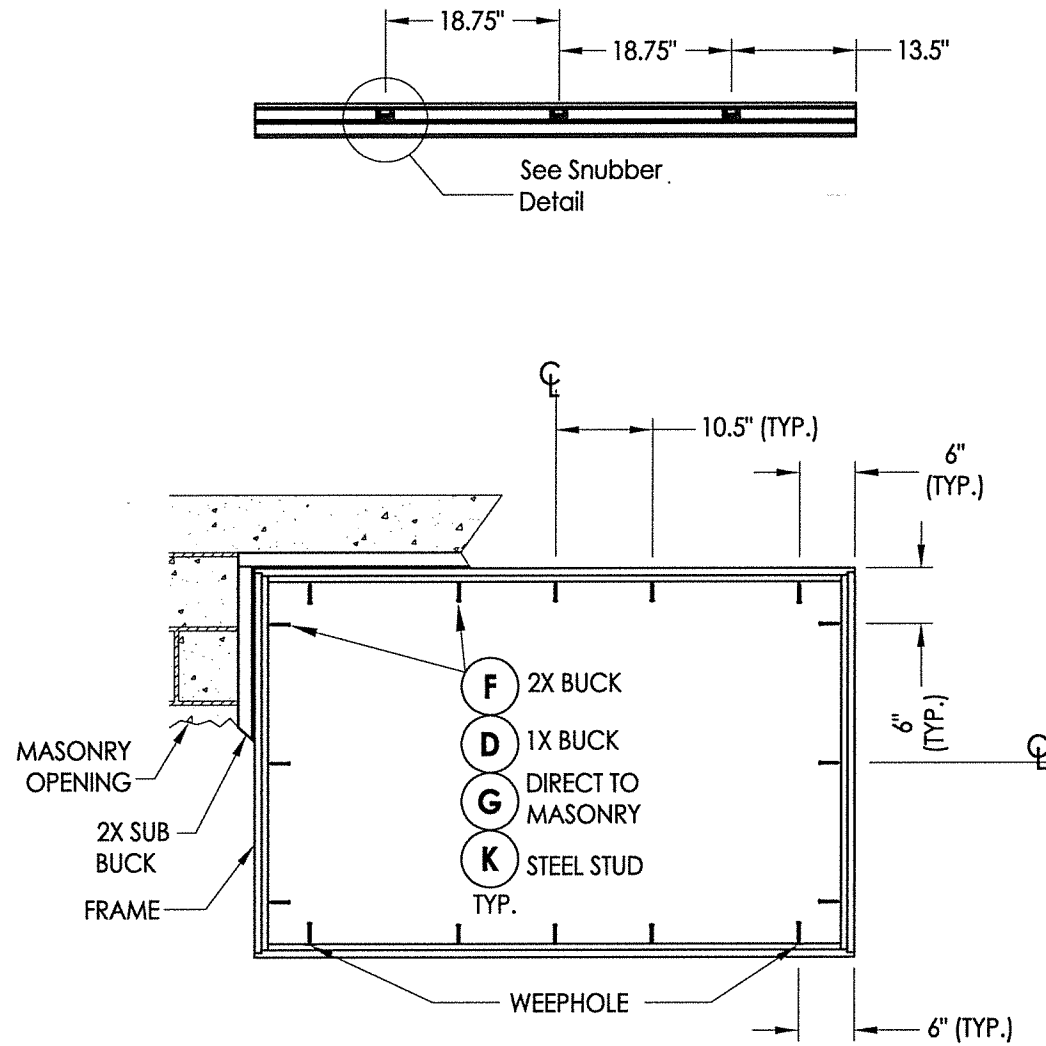


December 8, 2021
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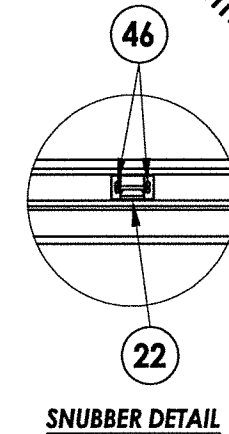
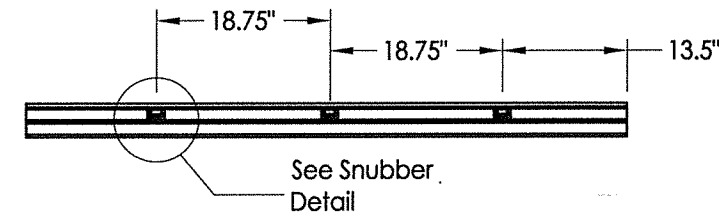
PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		BUCK & FRAME ANCHORING	
LFS	DAC	FBC	FBC
LFS	LFS	JK	JK
LFS	LFS	FBC	FBC
JK	JK	JK	JK
BY			
REVISIONS			
NO.	DATE		
6	12/08/21	SERIES NAME CHANGE	
5	8/10/20	UPDATE TO 7TH ED. (2020)	
4	8/07/17	UPDATE TO 6TH ED. (2017)	
3	8/22/16	RENUMBER DRAWINGS	
2	1/22/15	UPDATE TO 5TH ED. (2014)	
1	4/24/14	ADD FRAME SIZE	
DATE:		10/23/13	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-14907.1	
SHEET		5 OF 7	



2X BUCK ANCHORING
65" X 42" Max Size



FRAME MOUNT ANCHORING
65" X 42" Max Size



SNUBBER DETAIL

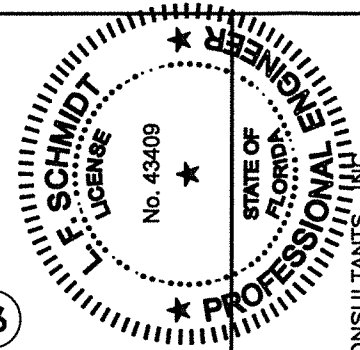
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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:

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



December 8, 2024
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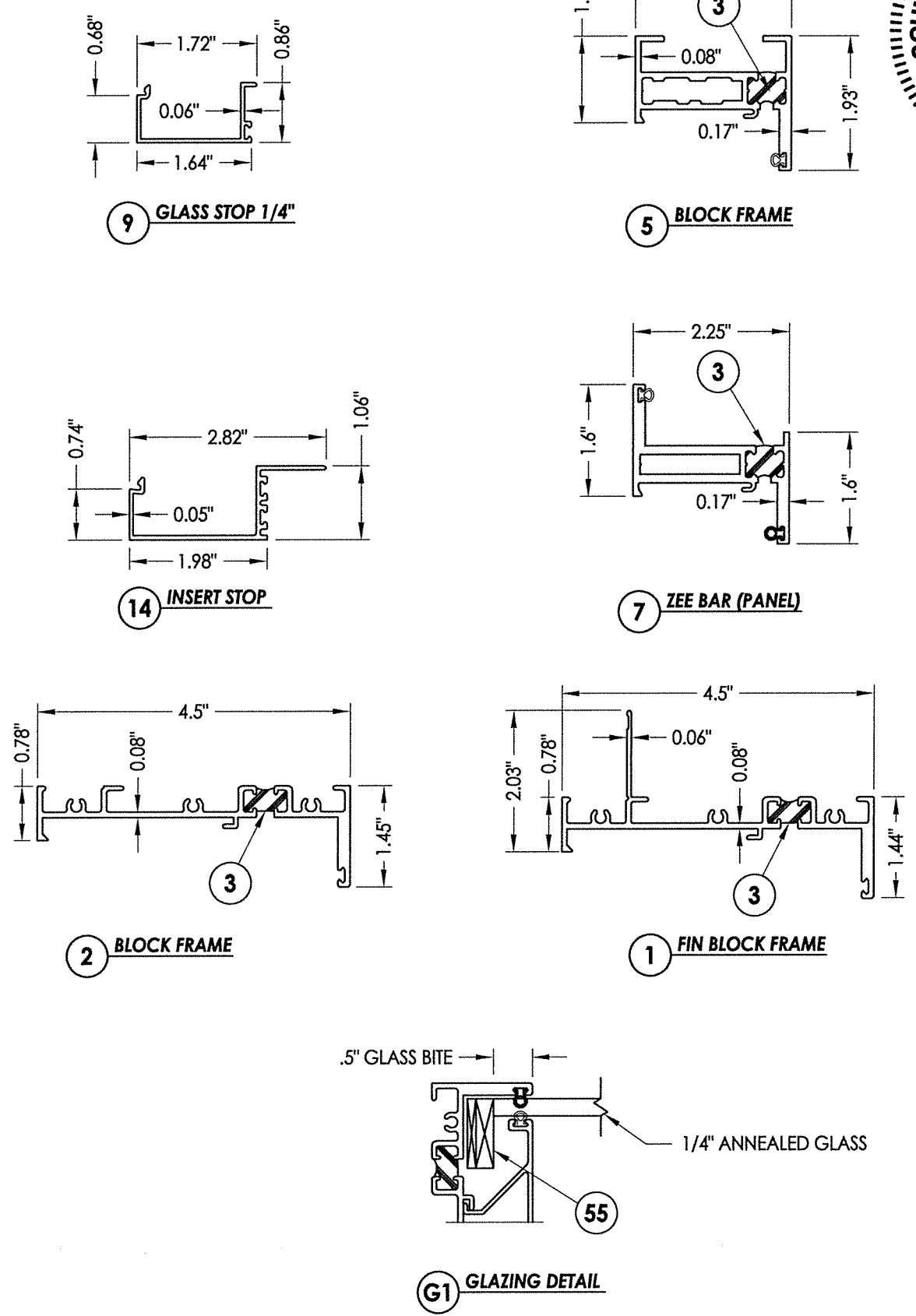
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

NO.	DATE	REVISIONS
6	12/08/21	SERIES NAME CHANGE
5	8/10/20	UPDATE TO 7TH ED. (2020) FBC
4	8/07/17	UPDATE TO 6TH ED. (2017) FBC
3	8/22/16	RENUMBER DRAWINGS
2	1/22/15	UPDATE TO 5TH ED. (2014) FBC
1	4/24/14	ADD FRAME SIZE

DATE: 10/23/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.1
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 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
H	#10 X 2-3/4" PPH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	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.)	-
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
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	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	-



December 8, 2021
 Documents Prepared By:
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 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAIL AND COMPONENTS	
6	12/08/21	SERIES NAME CHANGE	LFS
5	8/10/20	UPDATE TO 7th ED. (2020)	DAC
4	8/07/17	UPDATE TO 6TH ED. (2017)	FBC
3	8/22/16	RENUMBER DRAWINGS	JK
2	1/22/15	UPDATE TO 5TH ED. (2014)	LFS
1	4/24/14	ADD FRAME SIZE	JK
			BY
REVISIONS			
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14907.1			
SHEET 7 OF 7			