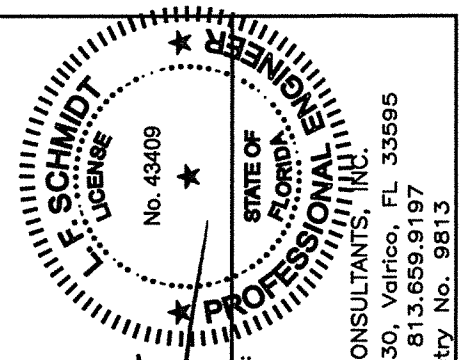


HARDWARE TABLE			
HINGE			
Qty.	Description	Height	Snubbers
4	Butt hinge	≤ 81.75"	Yes (2)
2	Butt hinge	≤ 50"	Yes (2)
2	4 Bar hinge	≤ 65"	Yes (3)
HANDLES			
Points	Description	Height	*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks
4	Multipoint	> 72"	
3	Multipoint	≤ 72"	
Qty.			
3	Cam*	≤ 65"	
1	Cam*	≤ 50"	



December 7, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

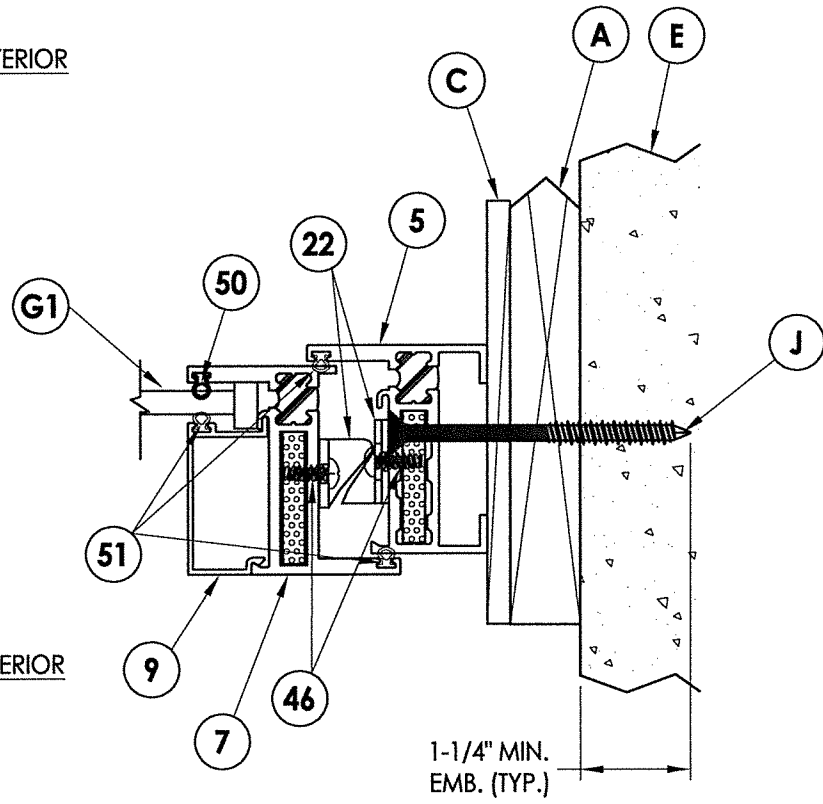
RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		ELEVATIONS	
REVISIONS		BY	
5	12/7/21	SERIES NAME CHANGE	LFS
4	8/06/20	UPDATE TO 7th ED. (2020)	DAC
3	8/07/17	UPDATE TO 6TH ED. (2017)	LFS
2	8/22/16	RENUMBER DRAWINGS	LFS
1	8/06/17	UPDATE TO 5TH ED. (2014)	LFS
	NO.	DATE	
DATE:		10/23/13	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-14904.8	
SHEET		2 OF 7	

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INTERIOR

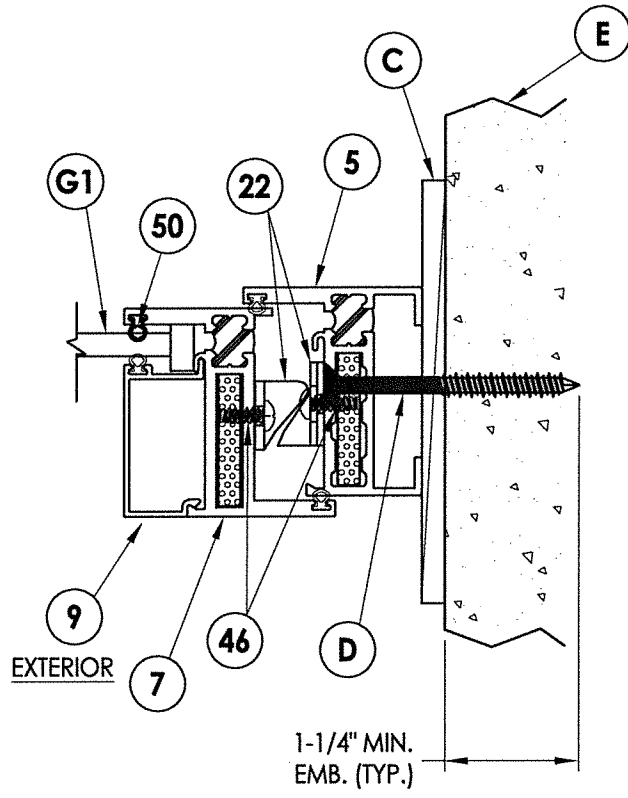
EXTERIOR



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

INTERIOR

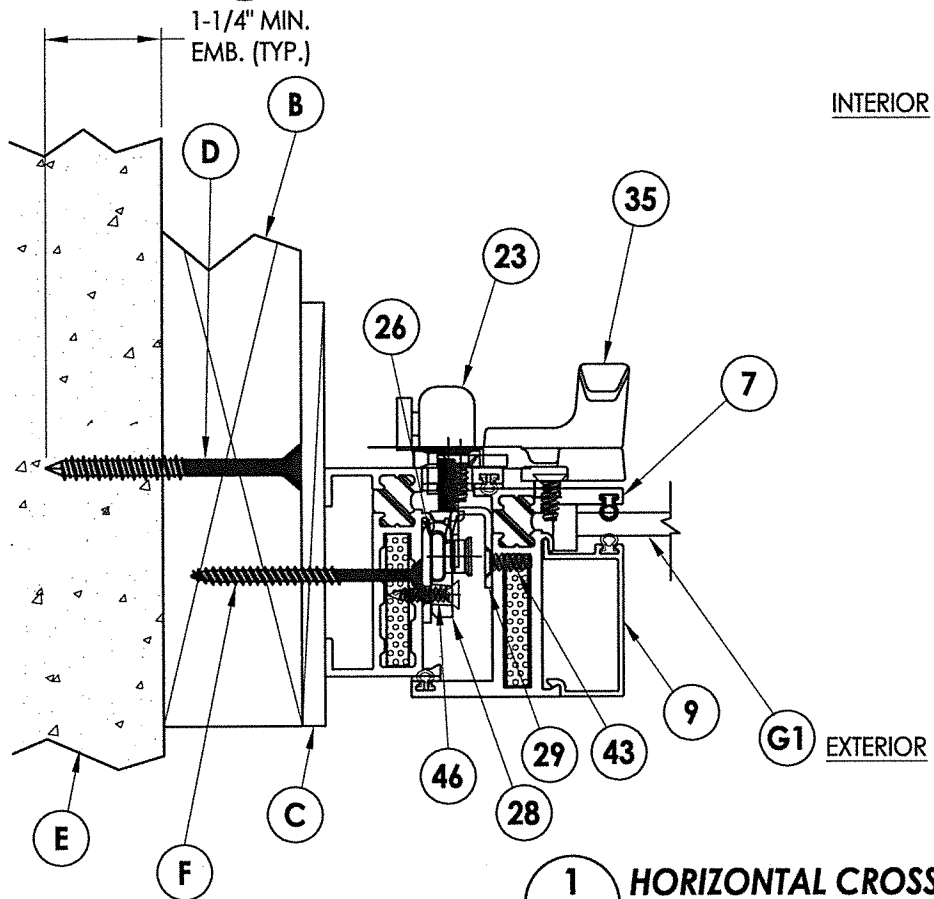
EXTERIOR



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

INTERIOR

EXTERIOR

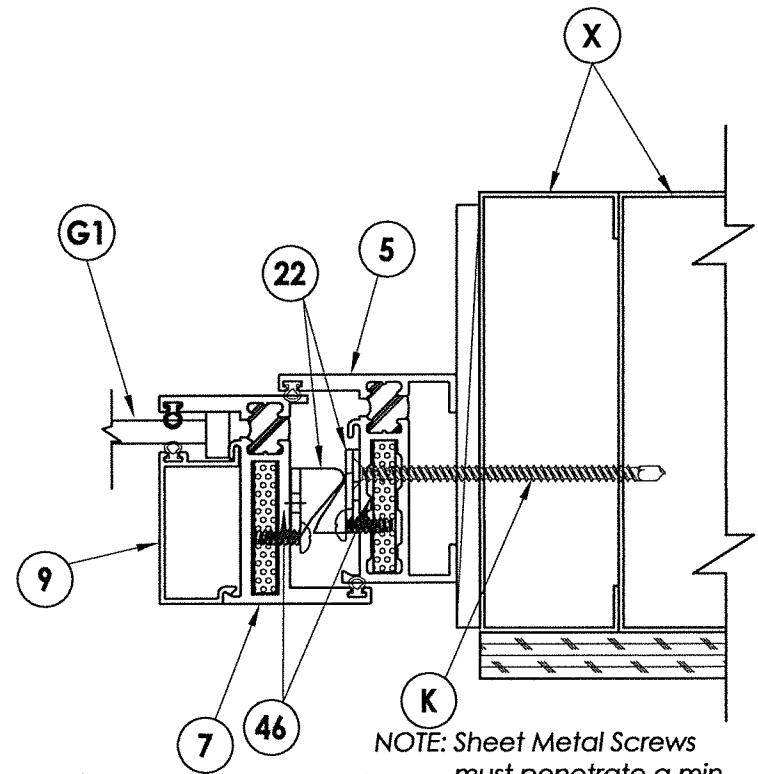


1 HORIZONTAL CROSS SECTION
3 Show w/ 2X Buck and Steel Stud options

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

INTERIOR

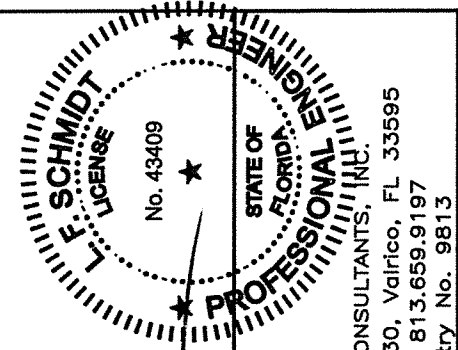
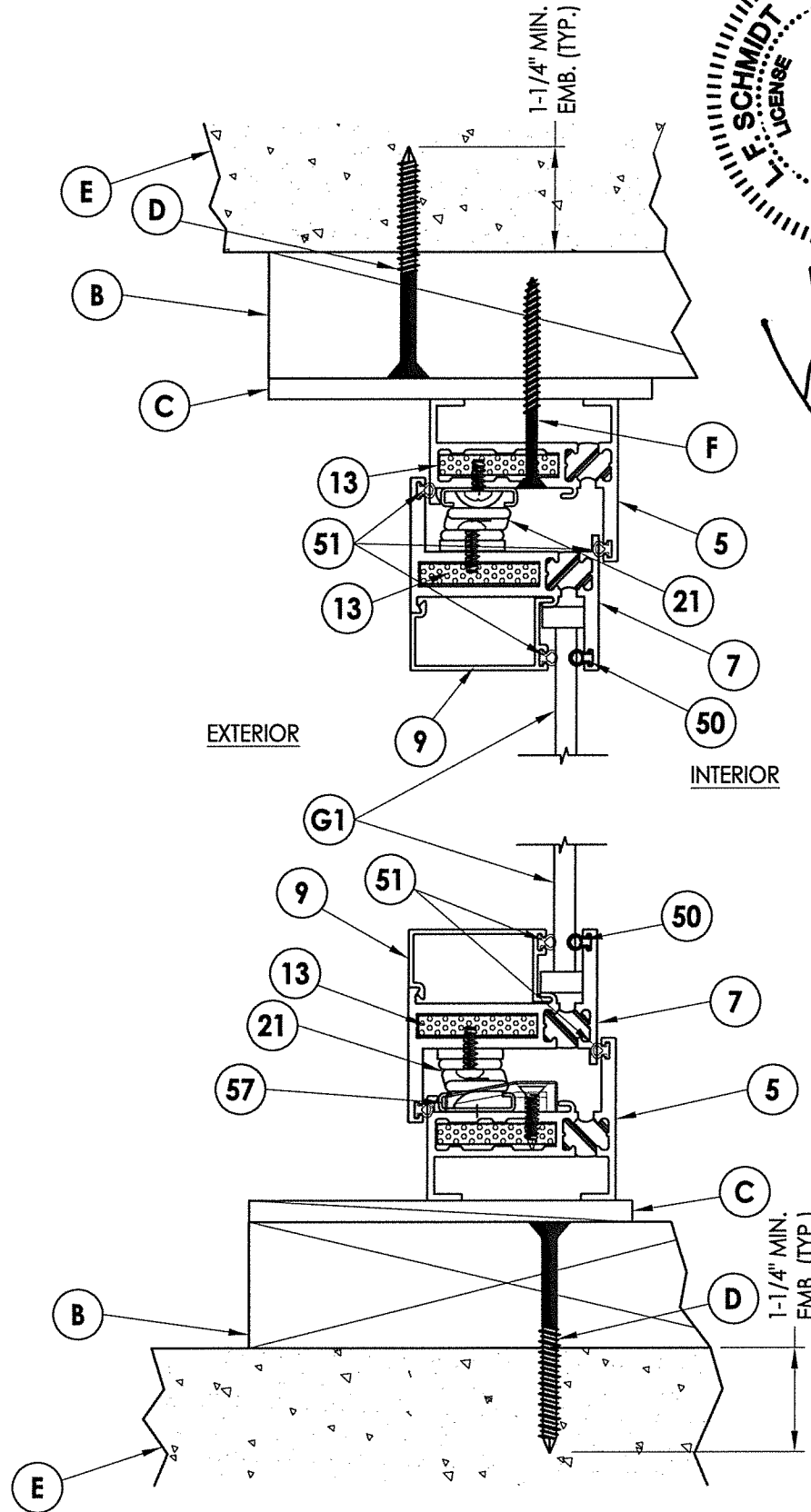
EXTERIOR



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

EXTERIOR

INTERIOR



December 7, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

PRODUCT:
 FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
 HORIZONTAL AND VERTICAL CROSS SECTIONS

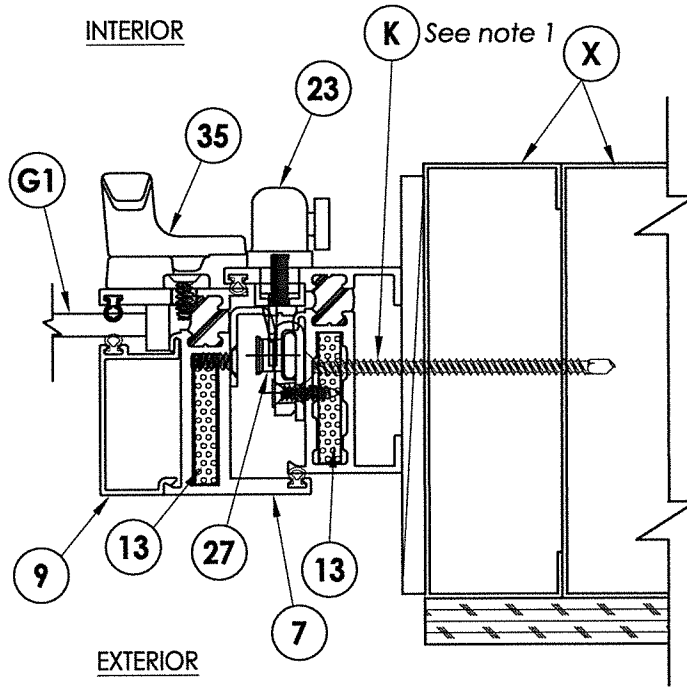
NO.	DATE	REVISIONS	BY
5	12/7/21	SERIES NAME CHANGE	LFS
4	8/06/20	UPDATE TO 7th ED. (2020)	FBC
3	8/07/17	UPDATE TO 6TH ED. (2017)	FBC
2	8/22/16	RENUMBER DRAWINGS	LFS
1	8/06/17	UPDATE TO 5TH ED. (2014)	FBC

DATE: 10/23/13
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-14904.8
 SHEET 3 OF 7

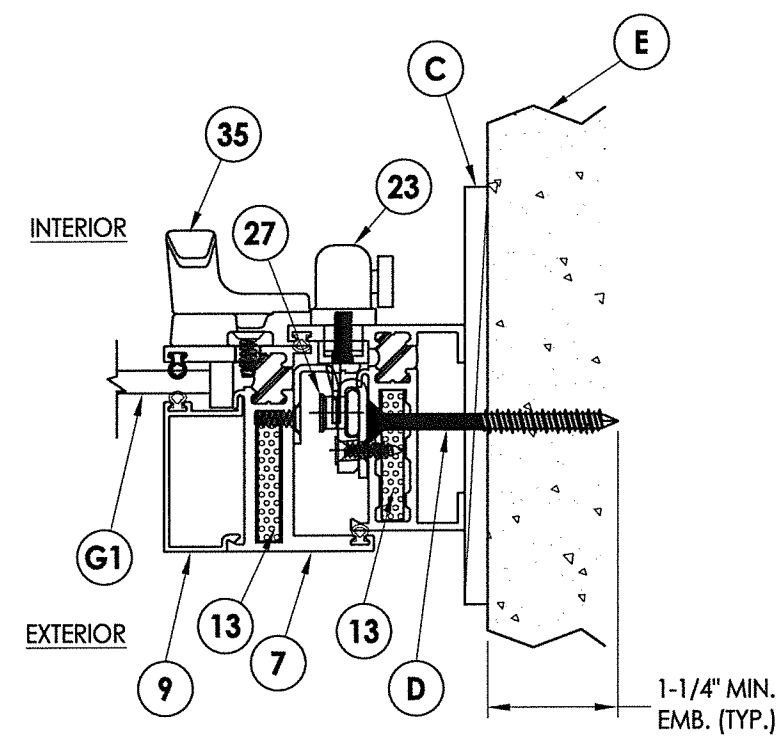
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

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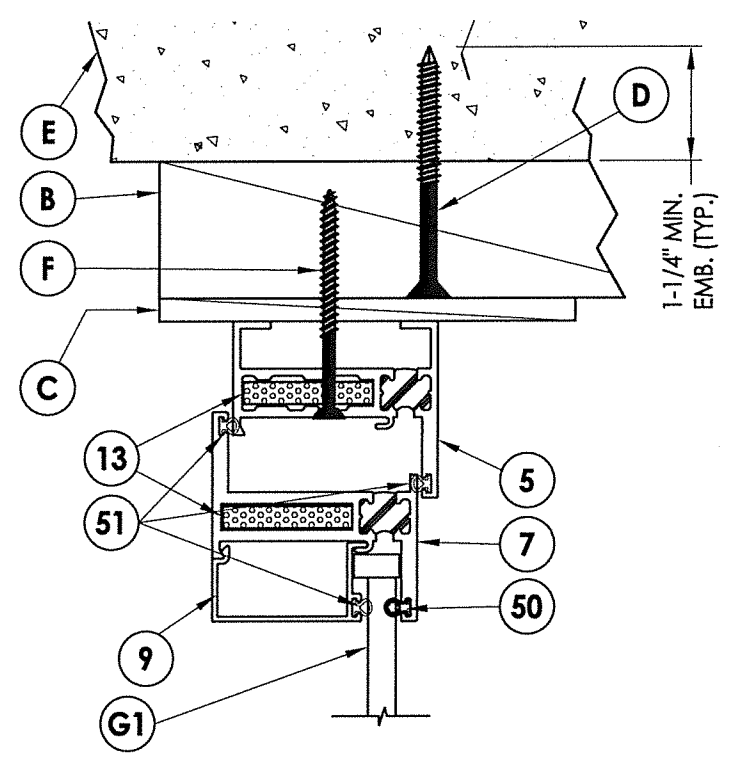
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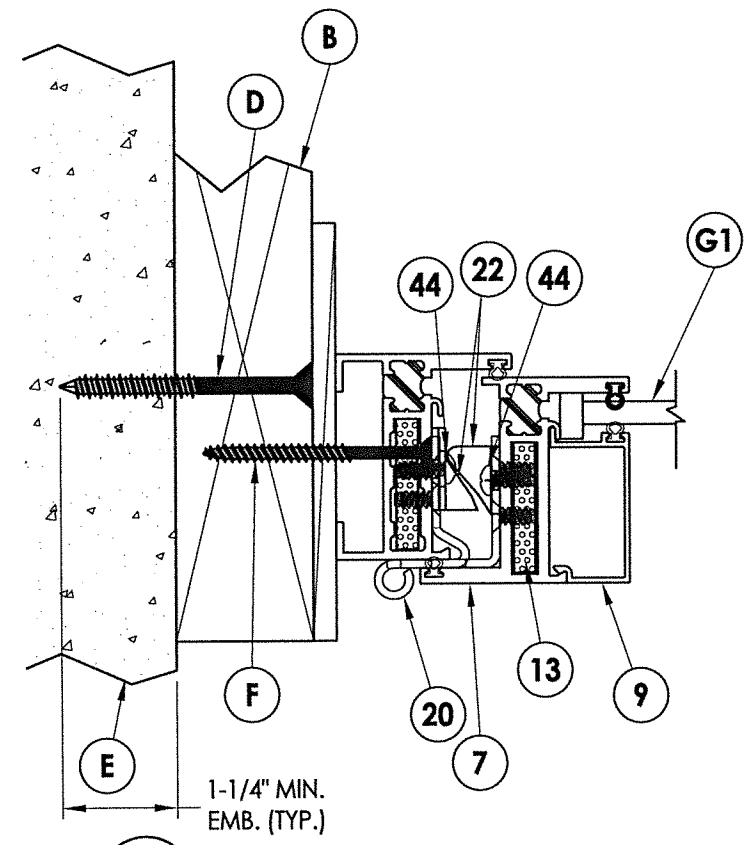
3 HORIZONTAL CROSS SECTION
4 Shown w/ Steel Stud option



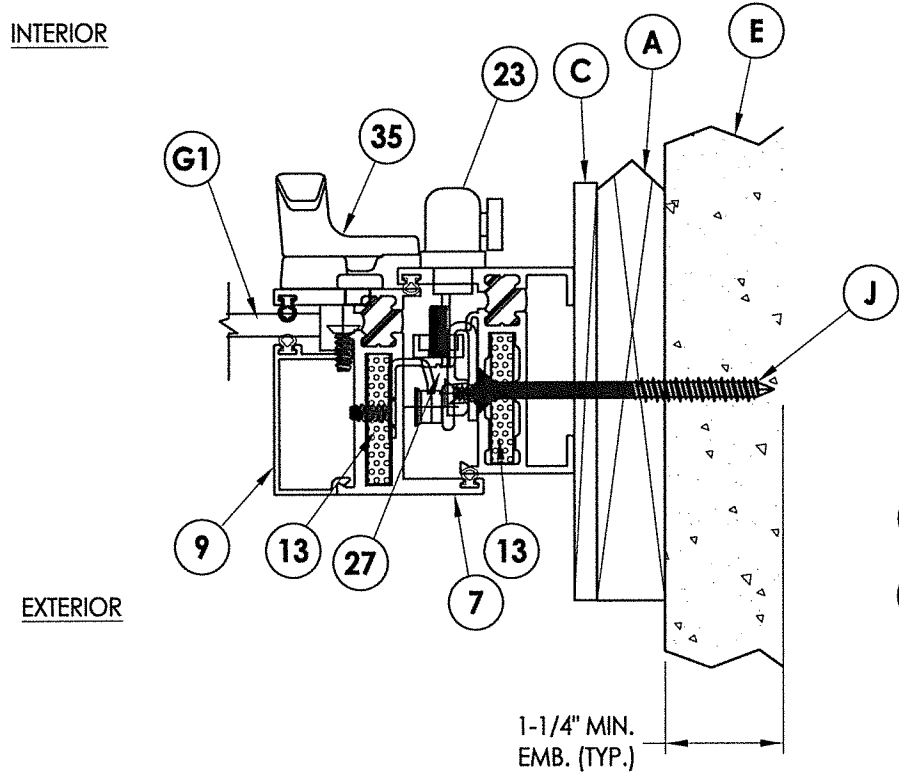
4 HORIZONTAL CROSS SECTION
4 Shown w/ Direct to Masonry option



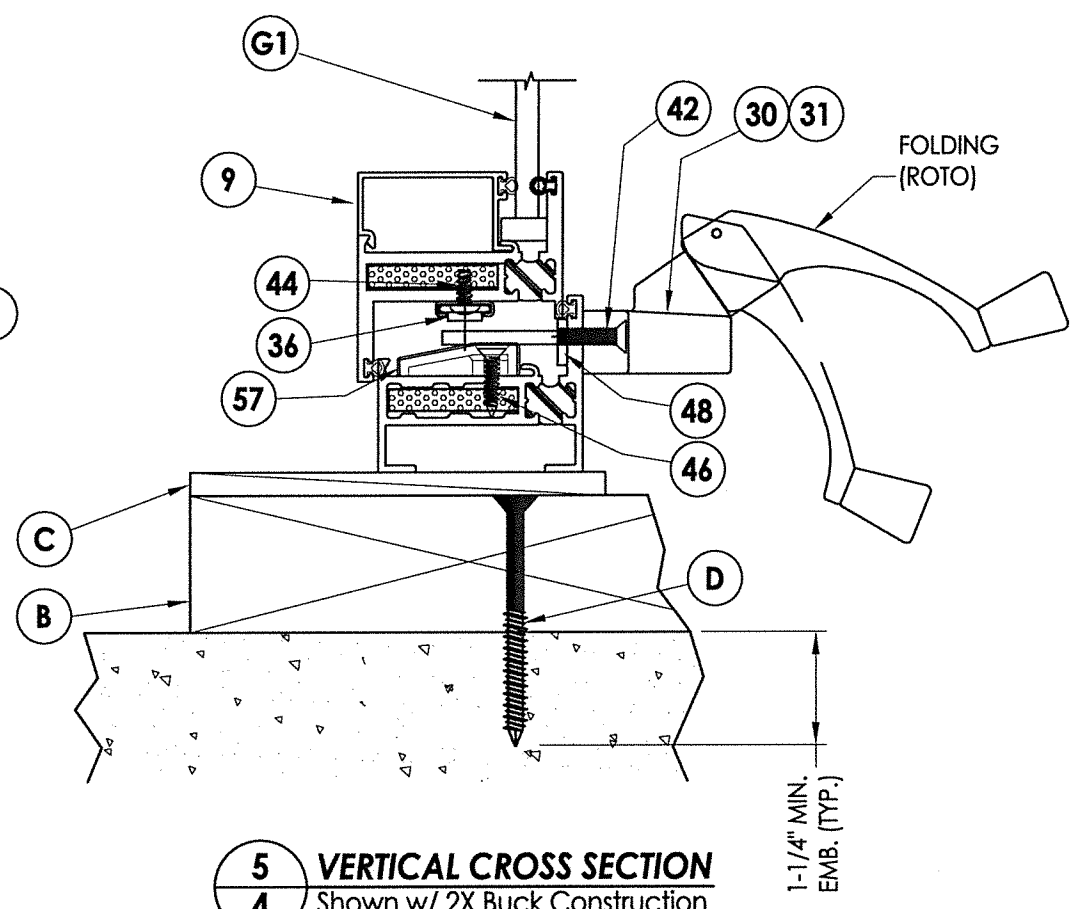
5 VERTICAL CROSS SECTION
4 Shown w/ 2X Buck Construction



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

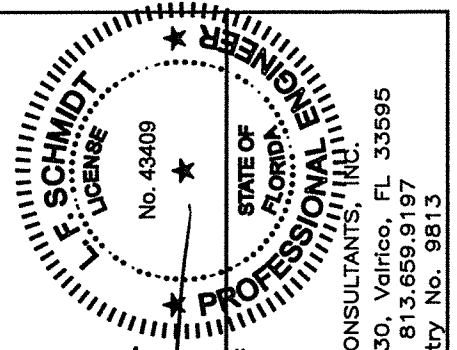


2 HORIZONTAL CROSS SECTION
4 Shown w/ 1X Sub buck option



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.



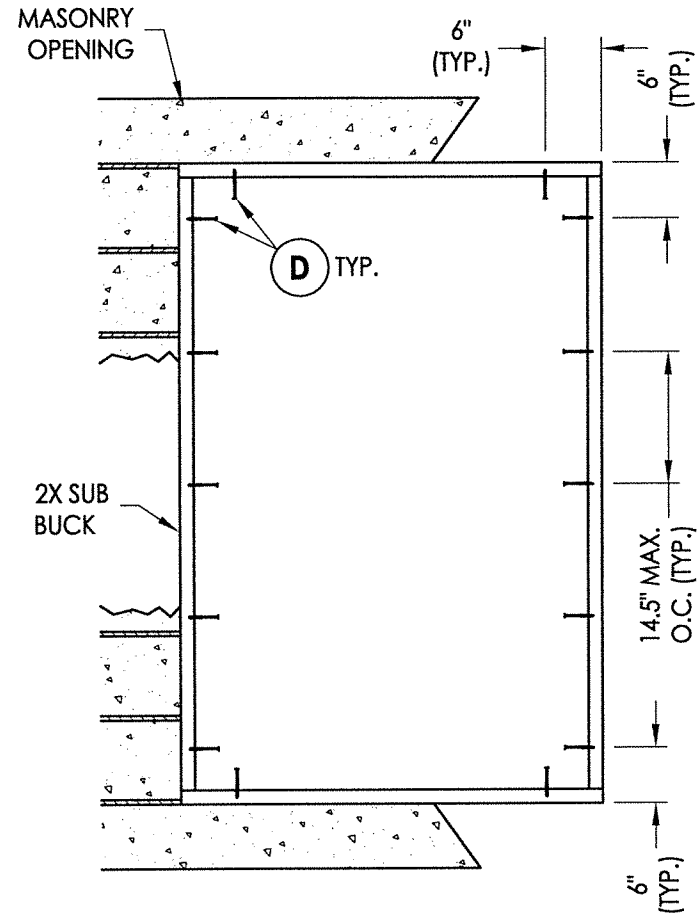
December 7, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

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

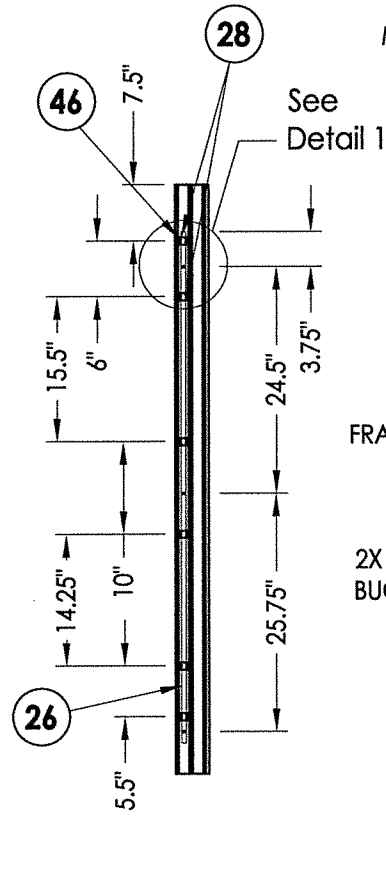
NO.	DATE	LFS	FBC	BY
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4	8/06/20	LFS	FBC	BY
3	8/07/17	LFS	FBC	BY
2	8/22/16	LFS	FBC	BY
1	8/06/17	LFS	FBC	BY

DATE: 10/23/13
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-14904.8
 SHEET 4 OF 7

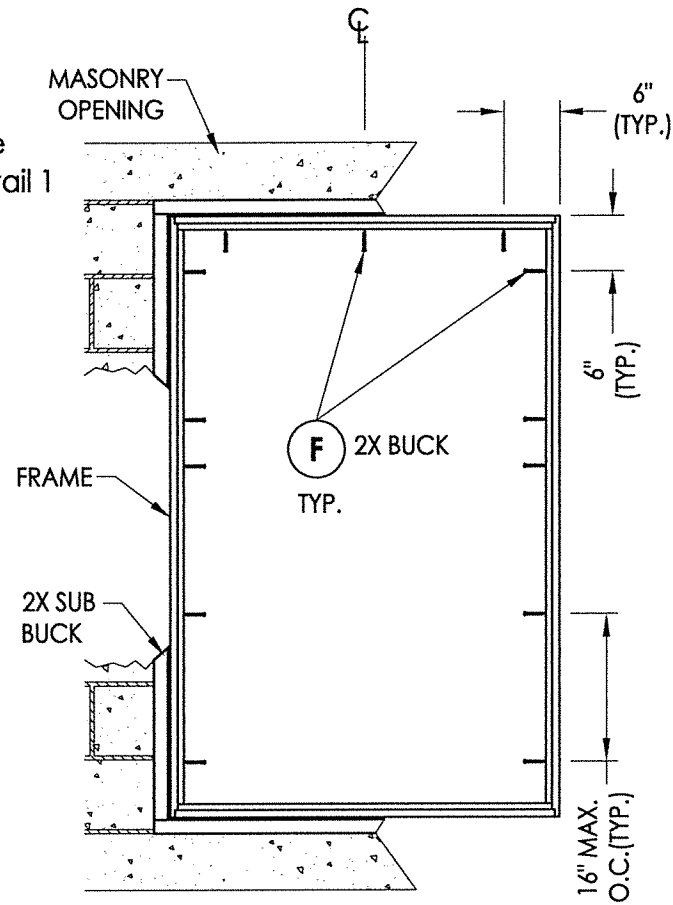
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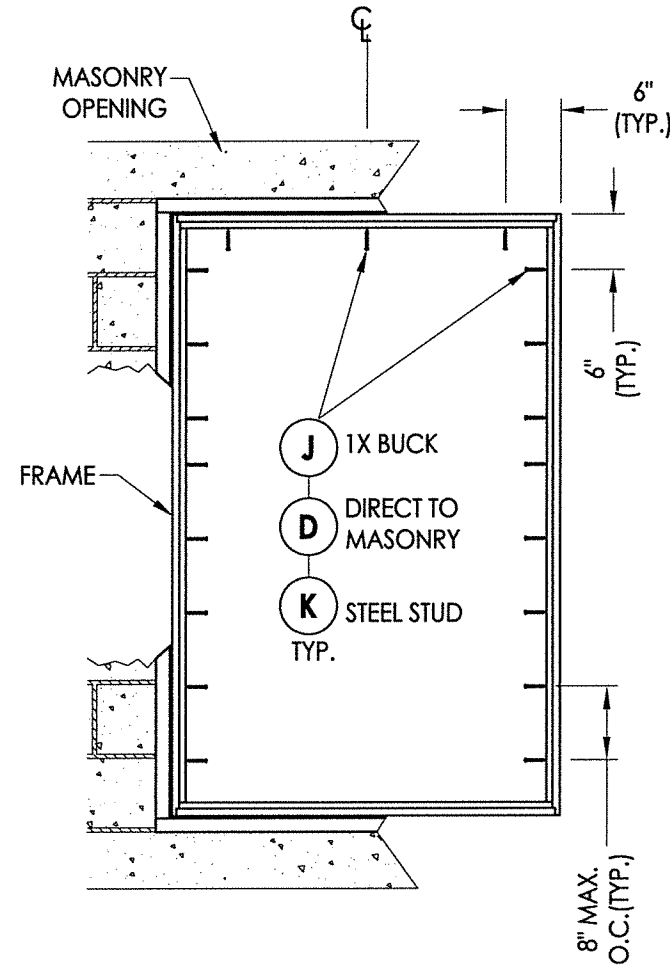
2X BUCK ANCHORING
40.25" X 63.25" Max Size



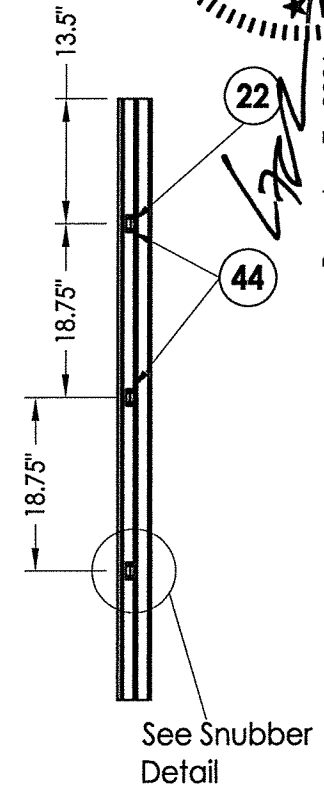
LOCK JAMB
Locking Points (3)



FRAME MOUNT ANCHORING
40.25" X 63.25" Max Size
(2X BUCK)



FRAME MOUNT ANCHORING
40.25" X 63.25" Max Size
(1X BUCK, DIR. TO MASONRY, STEEL STUD)



SNUBBERS JAMB

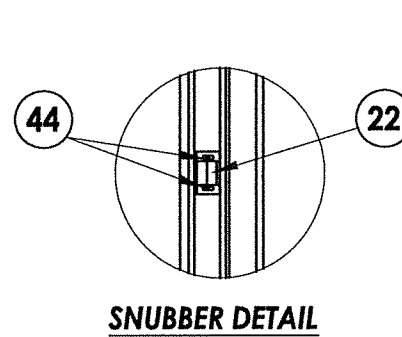
CONCRETE ANCHOR NOTES:

- 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:

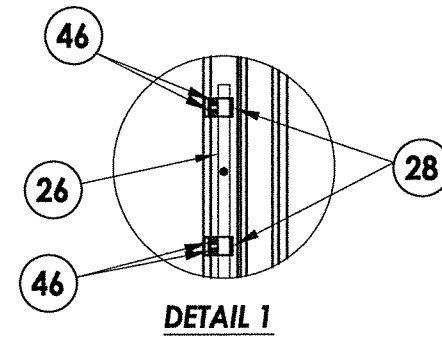
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

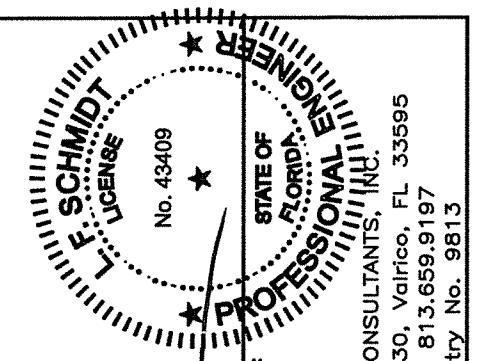
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



SNUBBER DETAIL



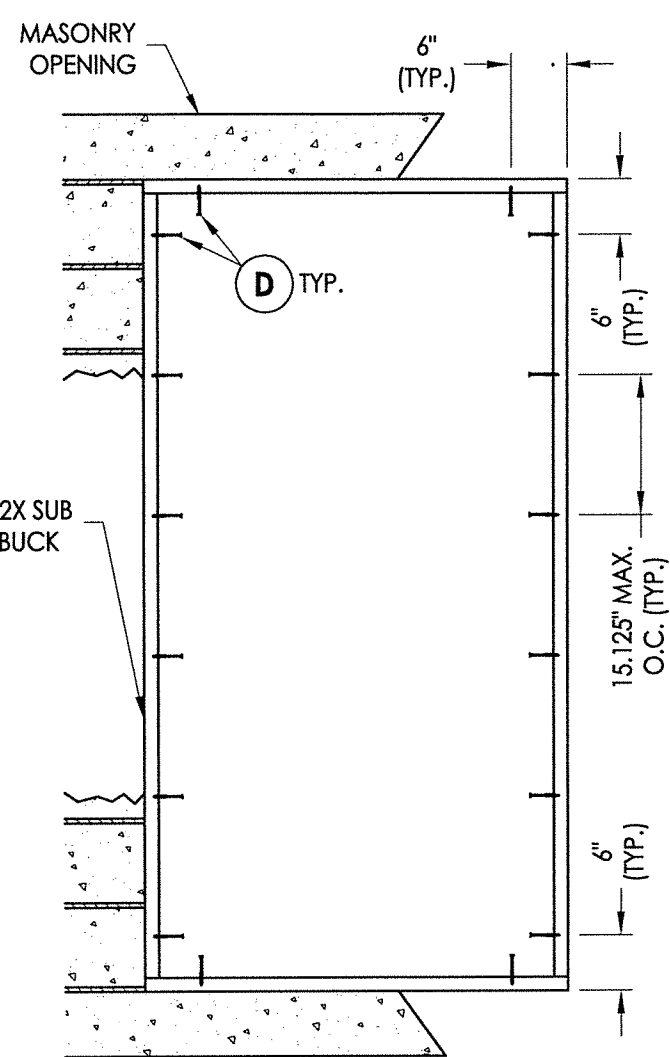
DETAIL 1



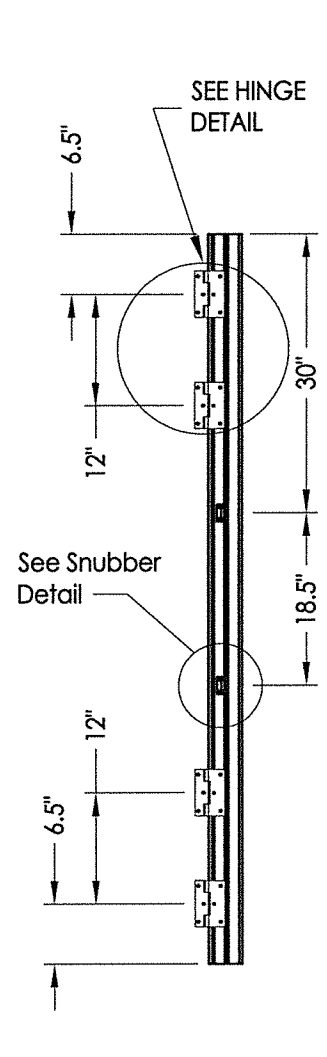
December 7, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		BUCK & FRAME ANCHORING	
LFS	DAC	FBC	FBC
LFS	FBC	FBC	FBC
LFS	FBC	FBC	FBC
LFS	FBC	FBC	FBC
LFS	FBC	FBC	FBC
NO.	DATE	REVISIONS	
5	12/7/21	SERIES NAME CHANGE	
4	8/06/20	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: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14904.8			
SHEET 5 OF 7			

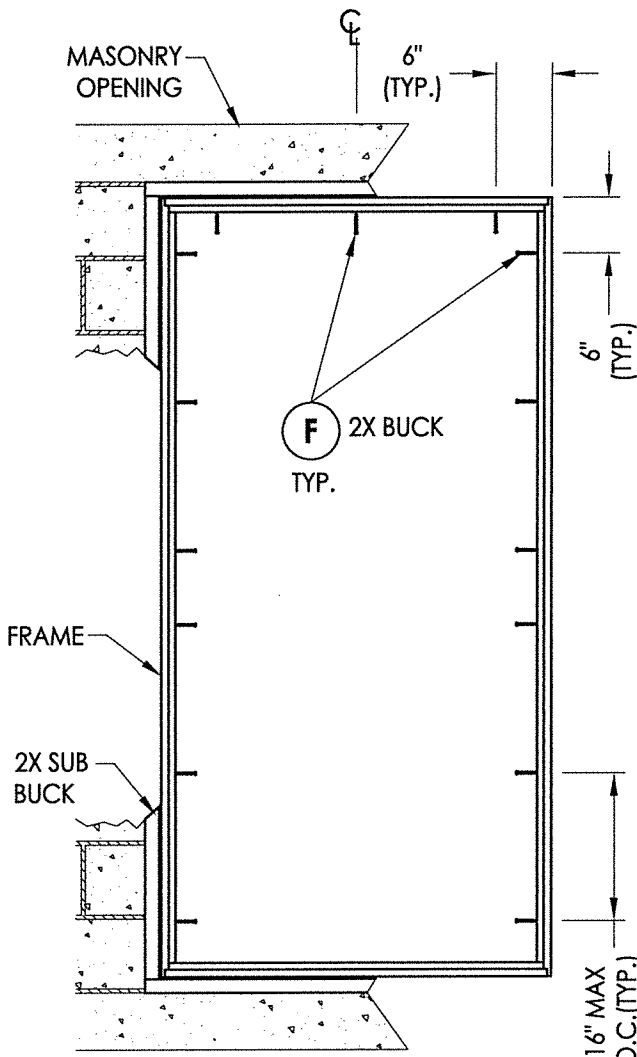
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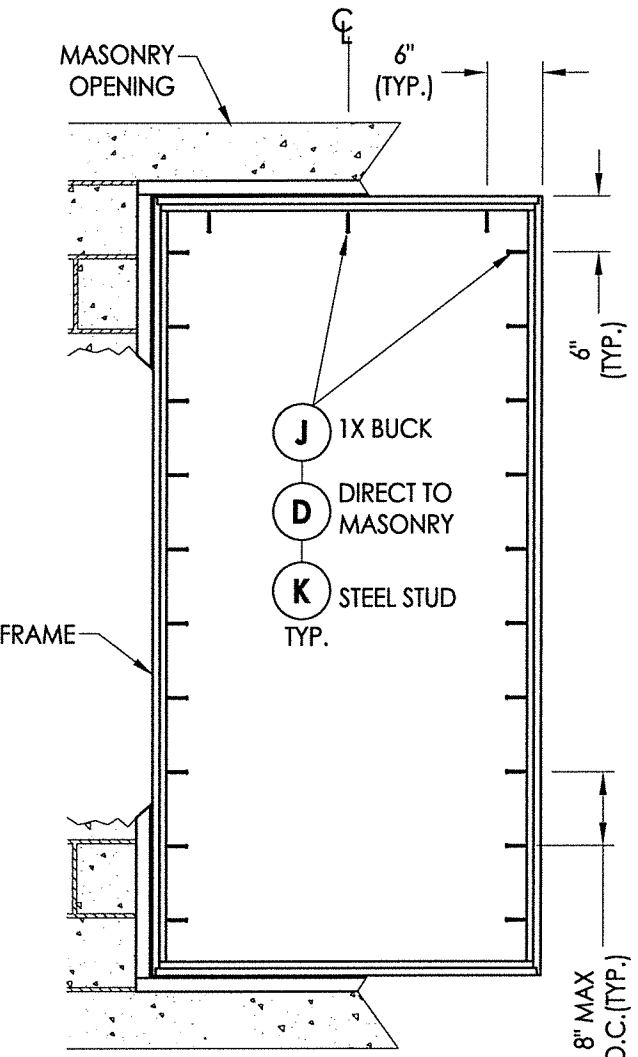
2X BUCK ANCHORING
39.75" X 81.75" Max Size



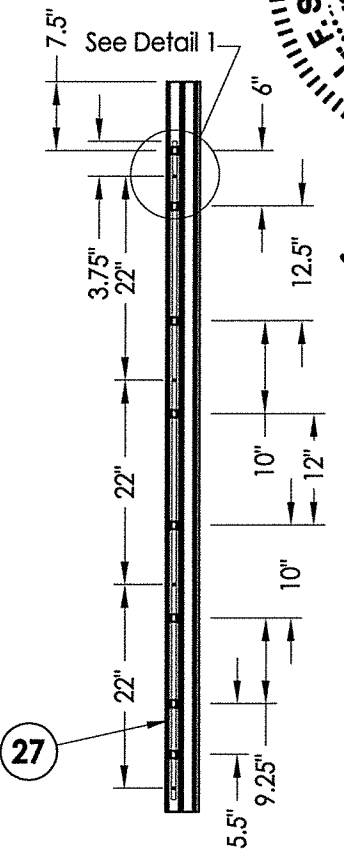
HINGE JAMB



FRAME MOUNT ANCHORING
39.75" X 81.75" Max Size
(2X BUCK)



FRAME MOUNT ANCHORING
39.75" X 81.75" Max Size
(1X BUCK, DIR. TO MASONRY, STEEL STUD)



LOCK JAMB
Locking Points (4)

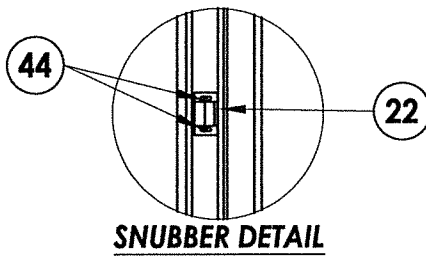
CONCRETE ANCHOR NOTES:

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:

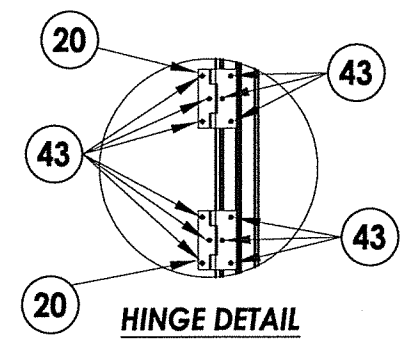
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

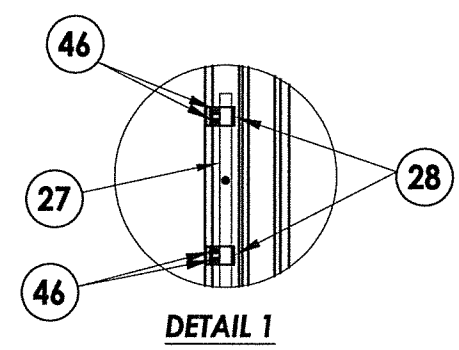
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



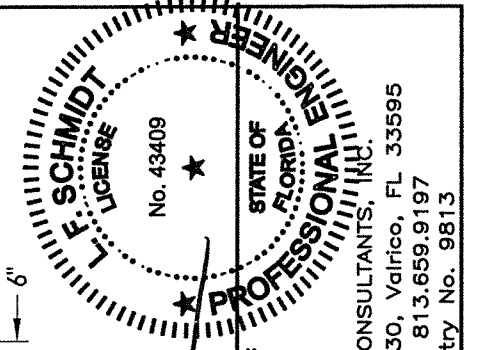
SNUBBER DETAIL



HINGE DETAIL



DETAIL 1



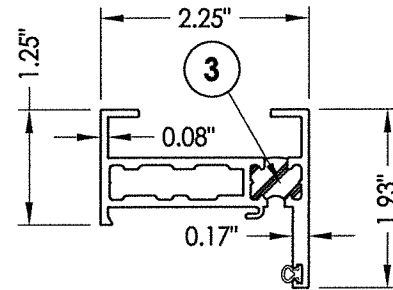
December 7, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

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

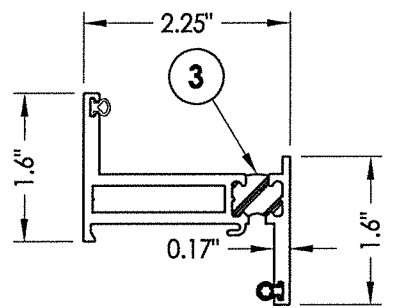
NO.	DATE	REVISIONS
5	12/7/21	SERIES NAME CHANGE
4	8/06/20	UPDATE TO 7TH ED. (2020) FBC
3	8/07/17	UPDATE TO 6TH ED. (2017) FBC
2	8/22/16	RENUMBER DRAWINGS
1	1/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 10/23/13
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-14904.8
 SHEET 6 OF 7

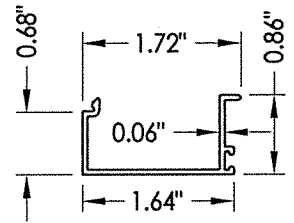
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
J	1/4" X 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PPH 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
9	GLASS STOP (1/4")	6063-T6 ALUM
13	CORNER KEY	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
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	-
55	SETTING BLOCK	-
57	PIVOT SHIM	-



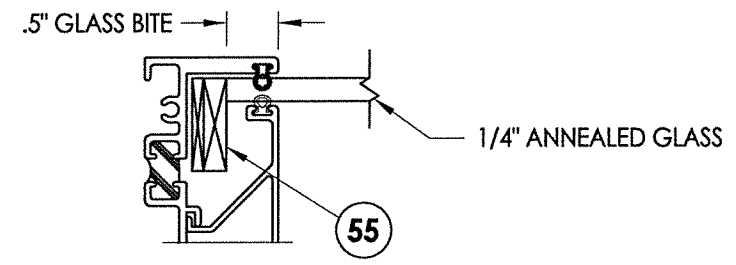
5 BLOCK FRAME



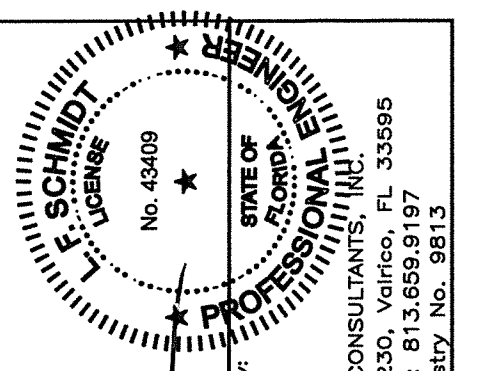
7 ZEE BAR (PANEL)



9 GLASS STOP 1/4"



G1 GLAZING DETAIL



December 7, 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:
 BILL OF MATERIALS, COMPONENTS
 AND GLAZING DETAIL

NO.	DATE	REVISIONS
5	12/7/21	SERIES NAME CHANGE
4	8/06/20	UPDATE TO 7th ED. (2020) FBC
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1	8/06/17	UPDATE TO 5TH ED. (2014) FBC

DATE: 10/23/13
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-14904.8
 SHEET 7 OF 7