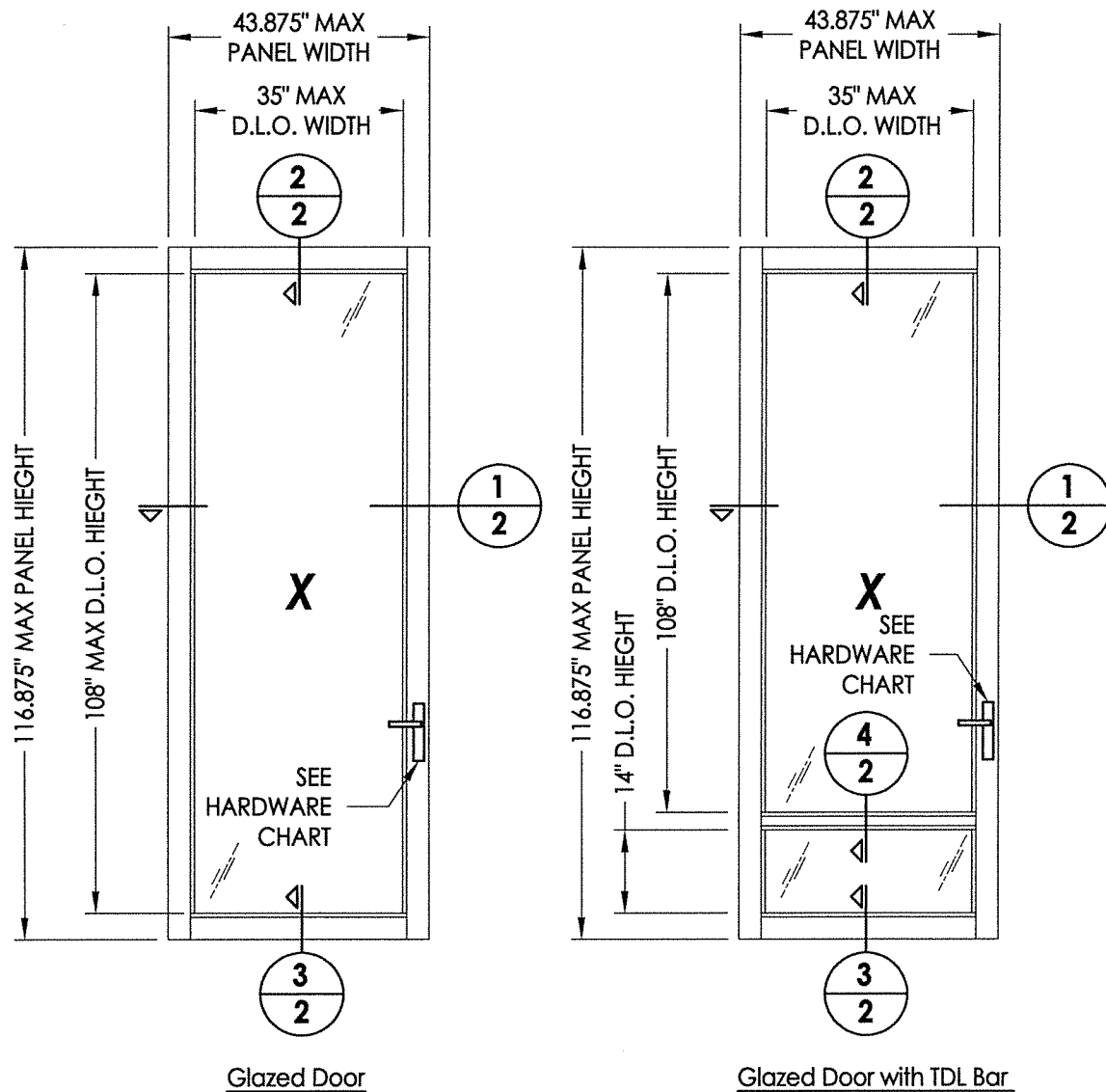
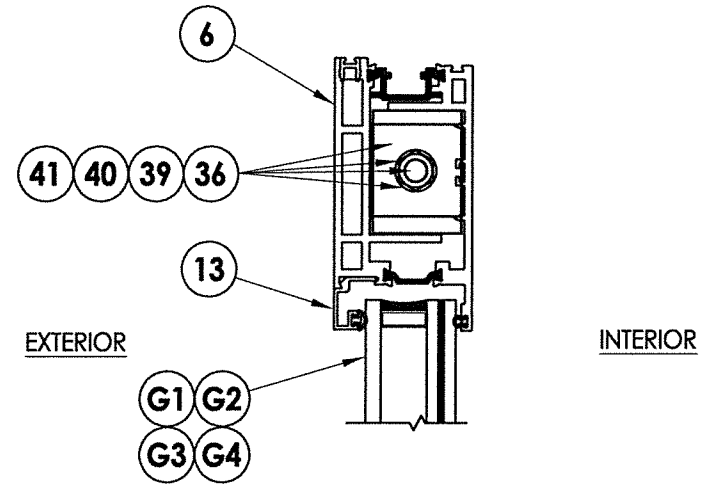


1 HORIZONTAL CROSS SECTION  
2

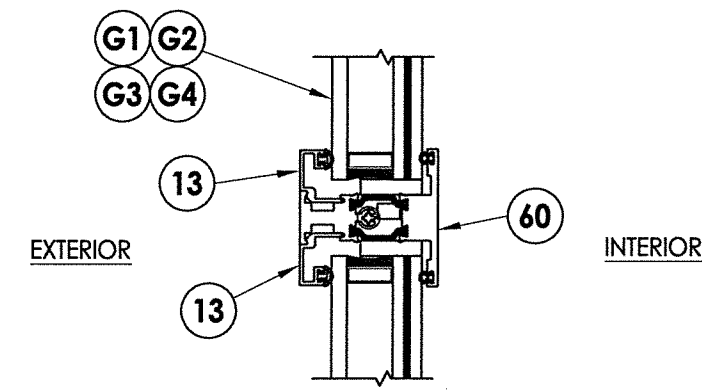


OUTSWING DIMENSIONS SHOWN  
INSWING DIMENSIONS:  
37.875" MAX PANEL WIDTH / 29" MAX D.L.O. WIDTH  
HEIGHT DIMENSIONS SAME AS SHOWN

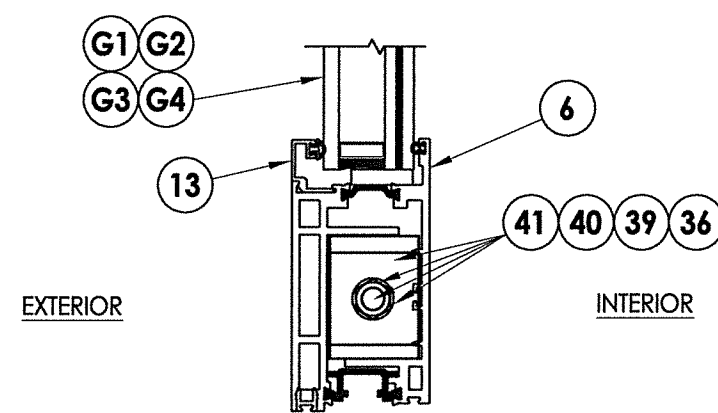
HARDWARE TABLE	
MANUFACTURER	MODEL
TRUTH	MULTI-POINT LOCK: 5 POINT LOCK



2 VERTICAL CROSS SECTION  
2



4 VERTICAL CROSS SECTION  
2



3 VERTICAL CROSS SECTION  
2

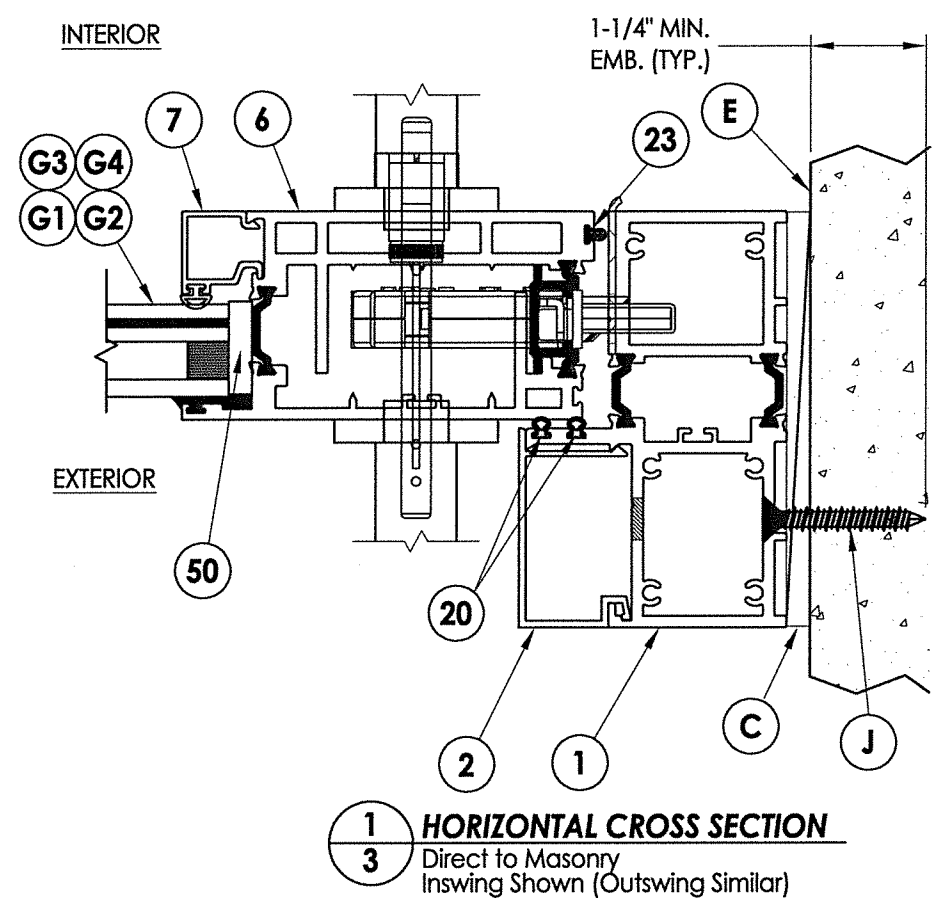
August 11, 2020  
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
L. E. SCHMIDT  
LICENSE No. 43409

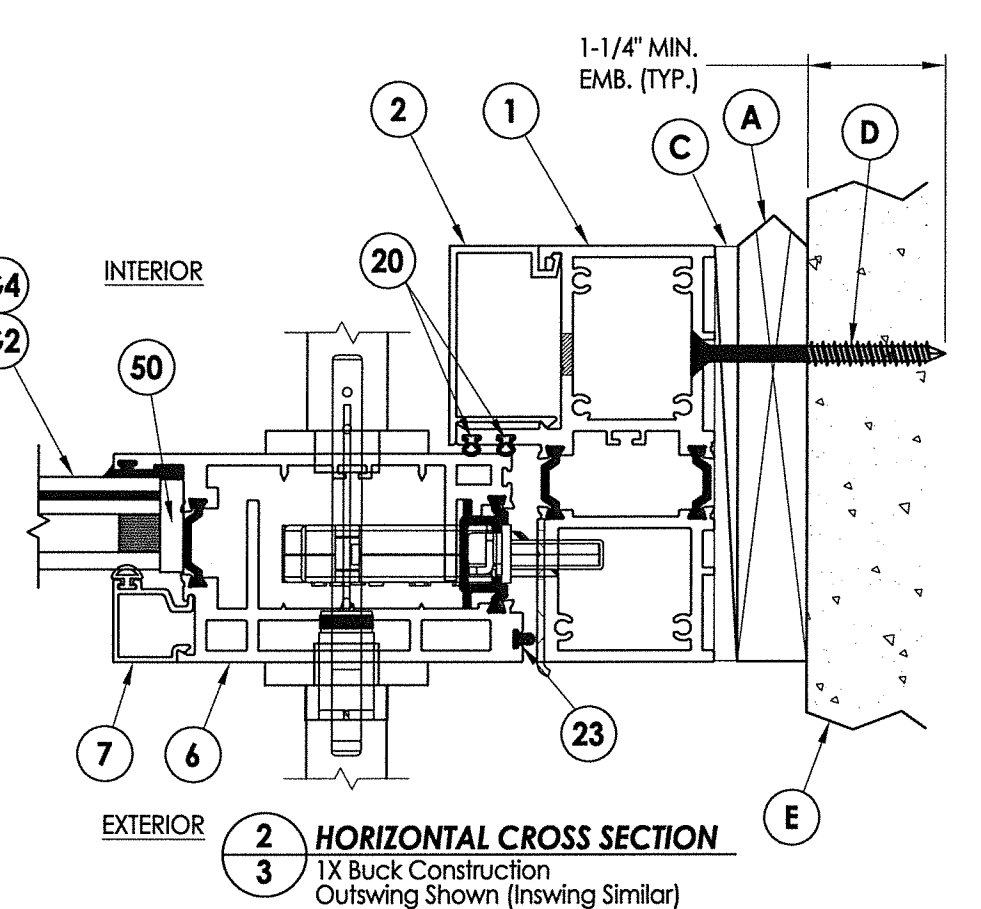
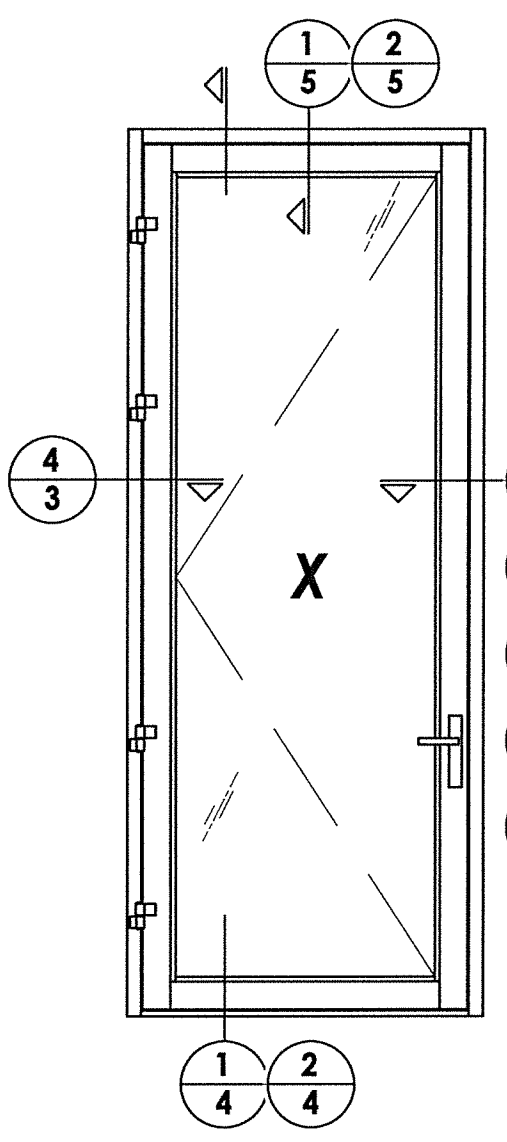
R.W. BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT:	FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:	DOOR PANEL DETAILS	
DATE:	7/22/15	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-17954.1	
SHEET	2 of 8	
REVISIONS		
NO.	DATE	DESCRIPTION
2	8/11/20	UPDATE TO 7th ED. (2020) FBC
1	08/07/17	UPDATE TO 6TH ED. (2017) FBC

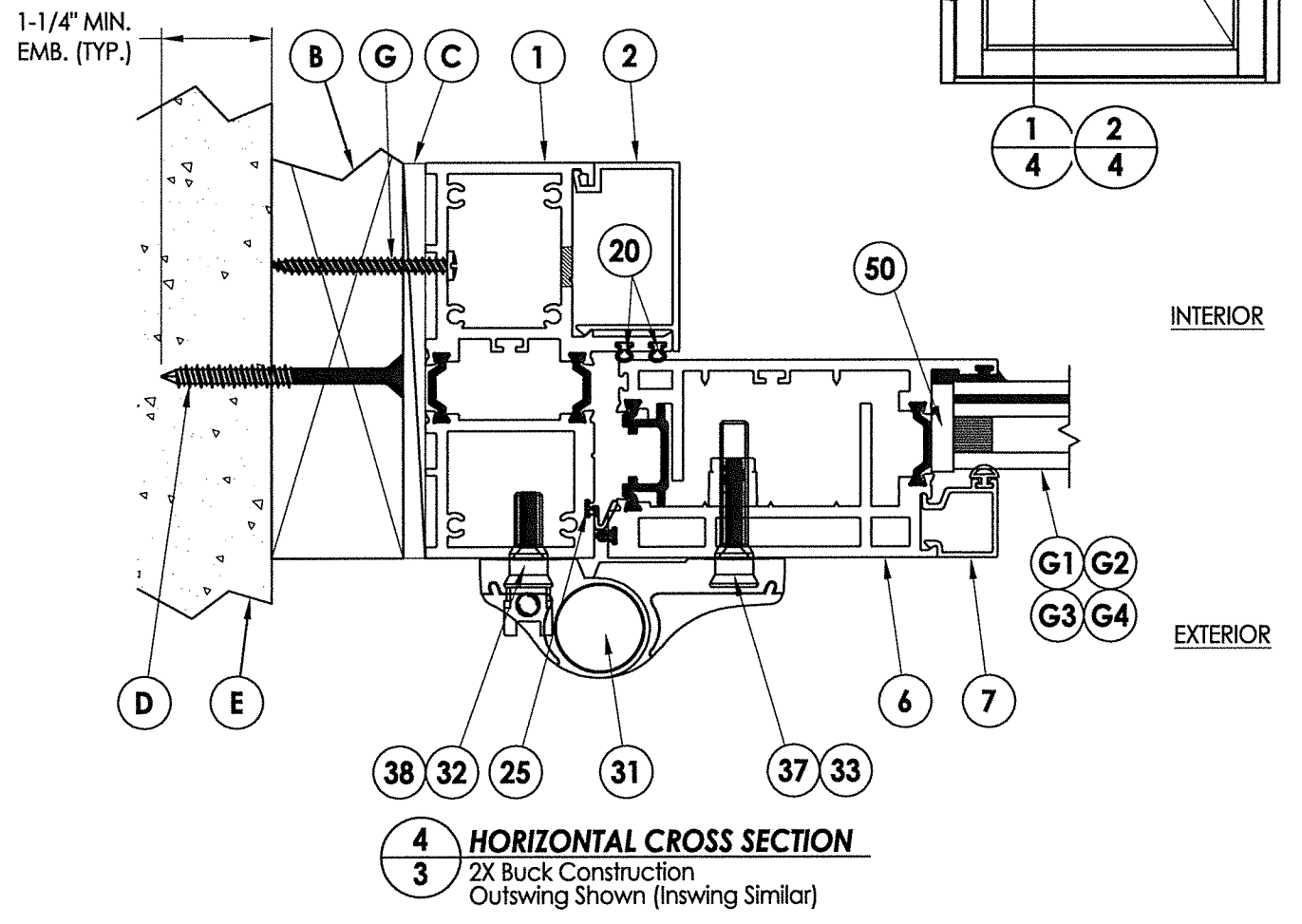
\\dc01\wbc\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-17954 Side Hinged Door\C - Drawings\FL 17954 (2020)\FL-17954.1.3.4.6.7.dwg



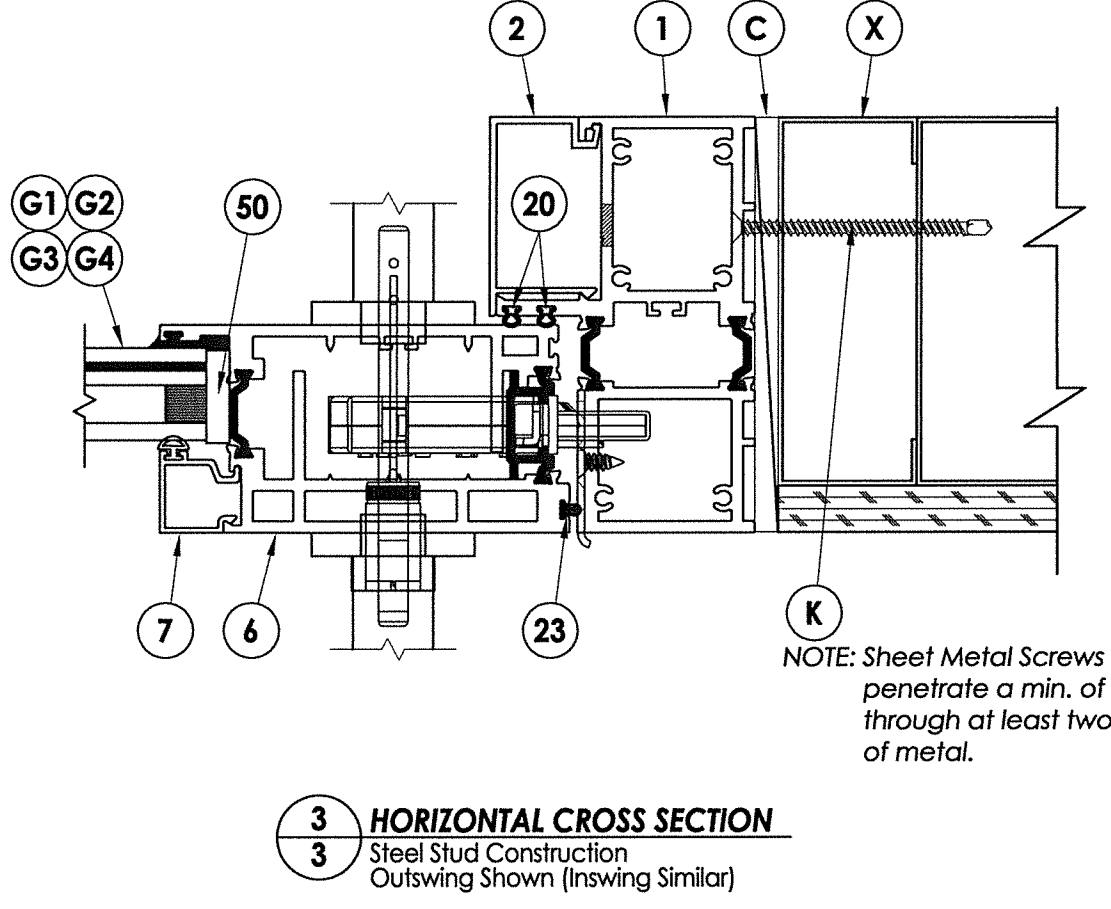
**1 HORIZONTAL CROSS SECTION**  
**3** Direct to Masonry  
 Inswing Shown (Outswing Similar)



**2 HORIZONTAL CROSS SECTION**  
**3** 1X Buck Construction  
 Outswing Shown (Inswing Similar)

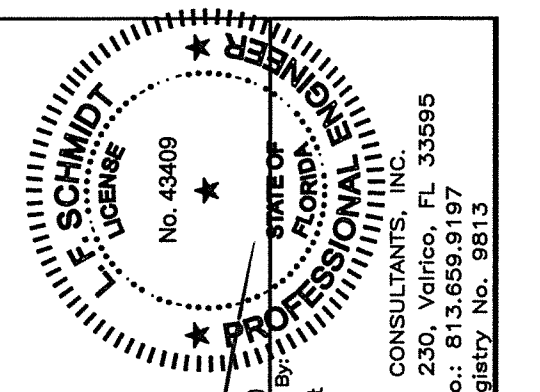


**4 HORIZONTAL CROSS SECTION**  
**3** 2X Buck Construction  
 Outswing Shown (Inswing Similar)



**3 HORIZONTAL CROSS SECTION**  
**3** Steel Stud Construction  
 Outswing Shown (Inswing Similar)

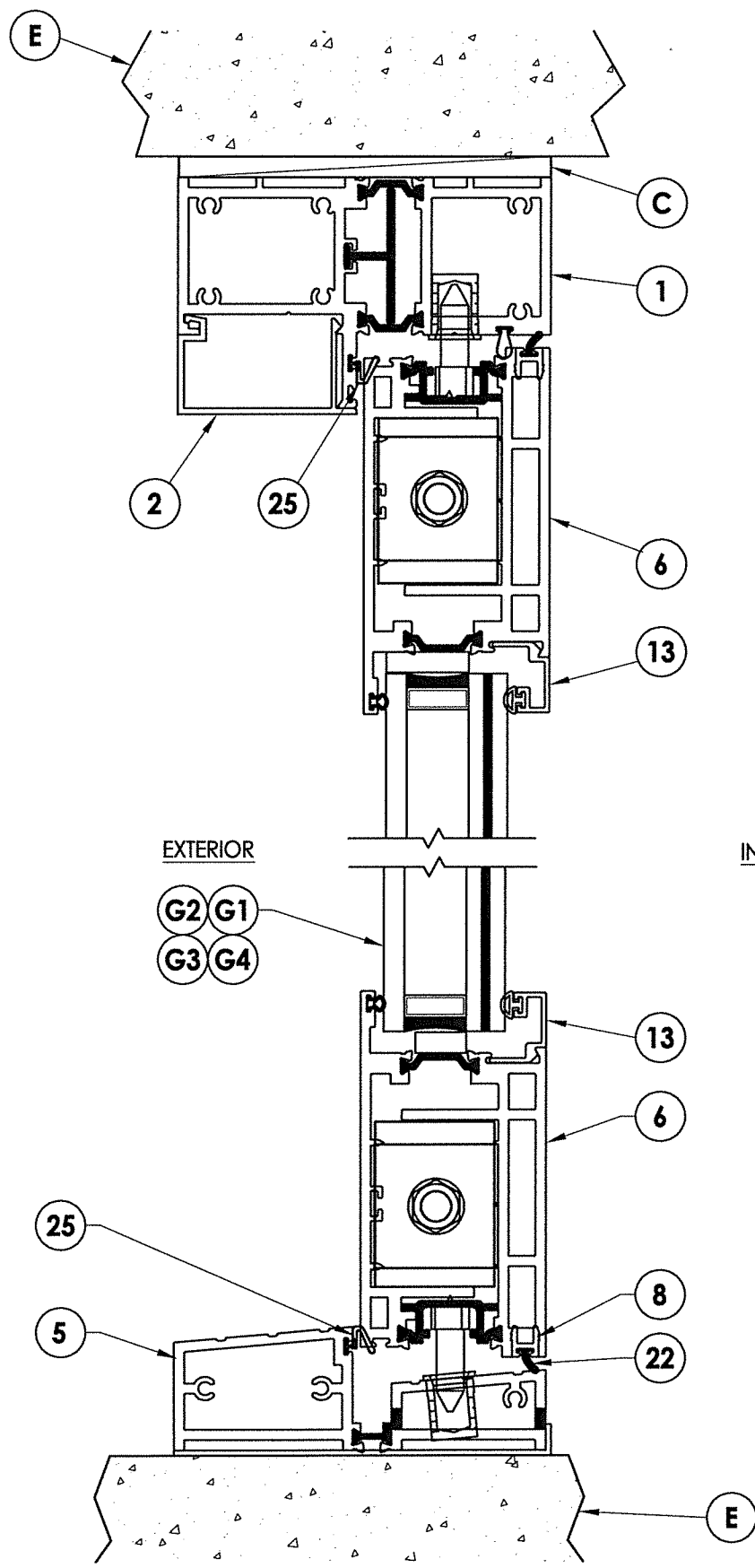
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal.



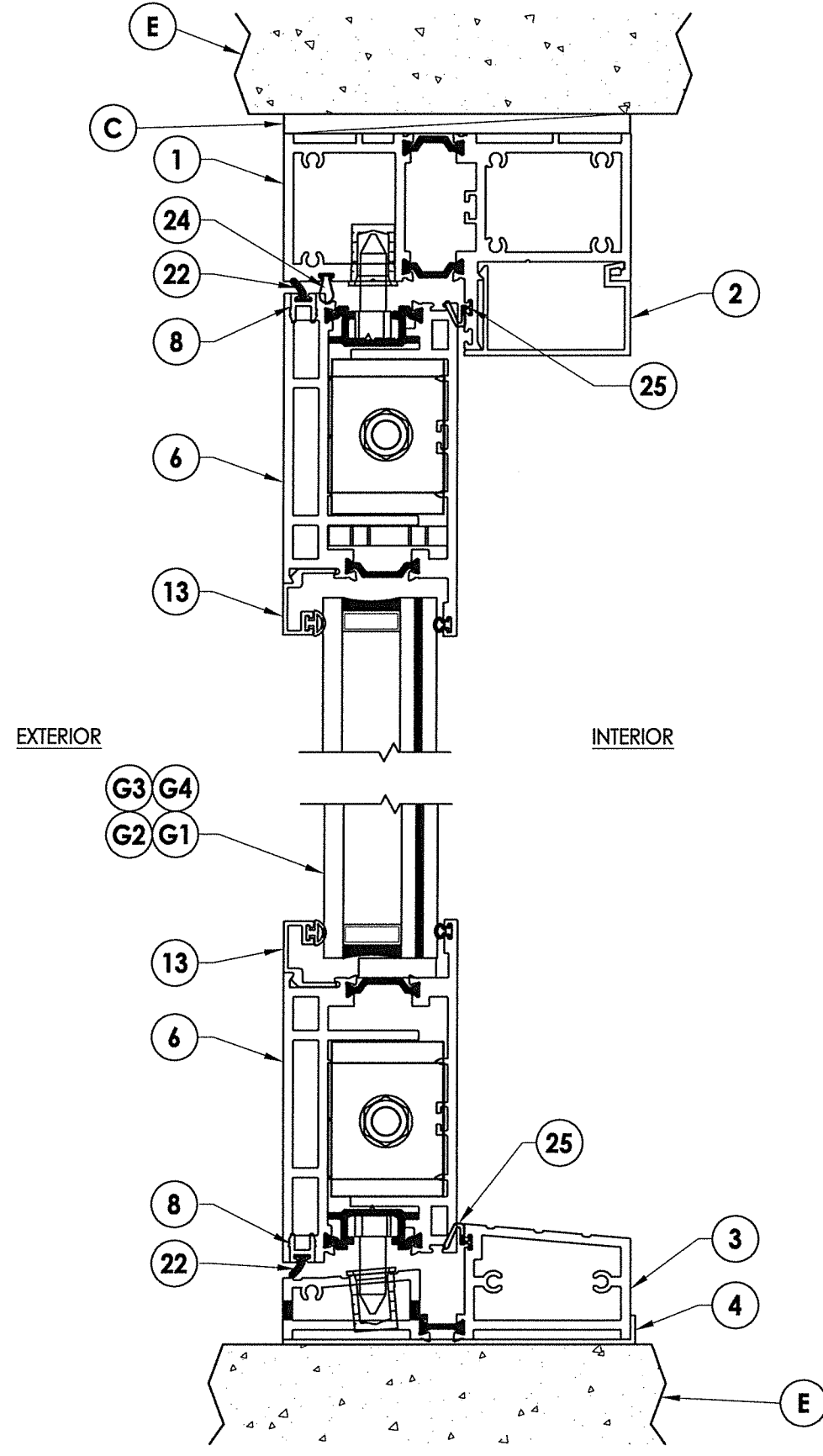
August 11, 2020  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409

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

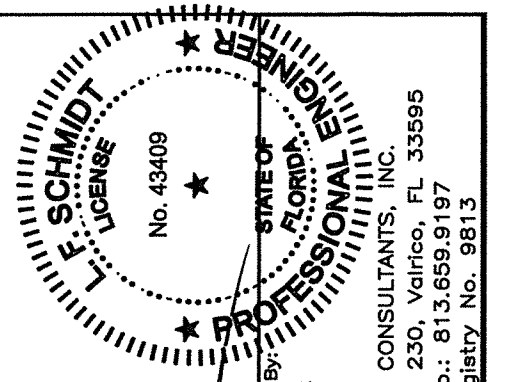
PRODUCT:		FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
2	8/11/20	DAC	UPDATE TO 7th ED. (2020)
1	08/07/17	LFS	UPDATE TO 6TH ED. (2017)
DATE	7/22/15		
SCALE:	N.T.S.		
DWG. BY:	JK		
CHK. BY:	LFS		
DRAWING NO.:	FL-17954.1		
SHEET	3	OF	8



**1** VERTICAL CROSS SECTION  
**4** Inswing Shown



**2** VERTICAL CROSS SECTION  
**4** Outswing Shown



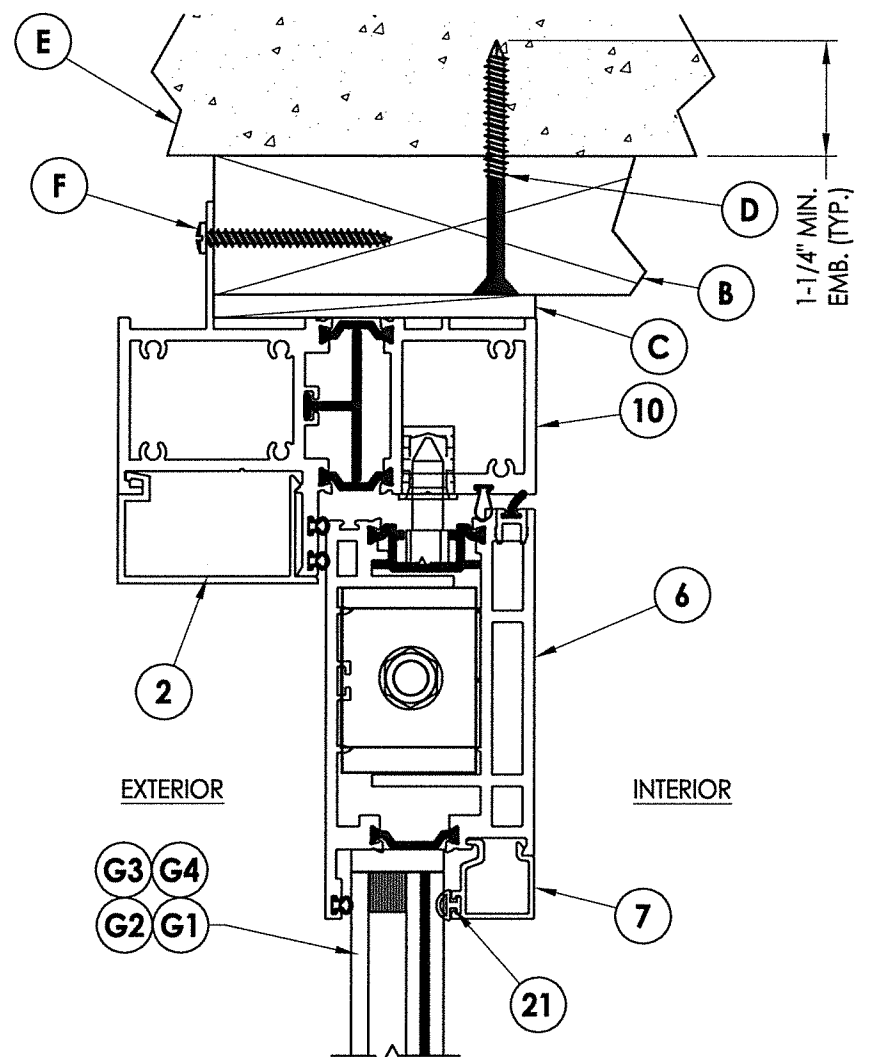
August 11, 2020  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 R.W. BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE Registry No. 9813

FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY:	
NO.	DATE	REVISIONS	
2	8/11/20	UPDATE TO 7th ED. (2020)	FBC
1	08/07/17	UPDATE TO 6th ED. (2017)	FBC
			LFS

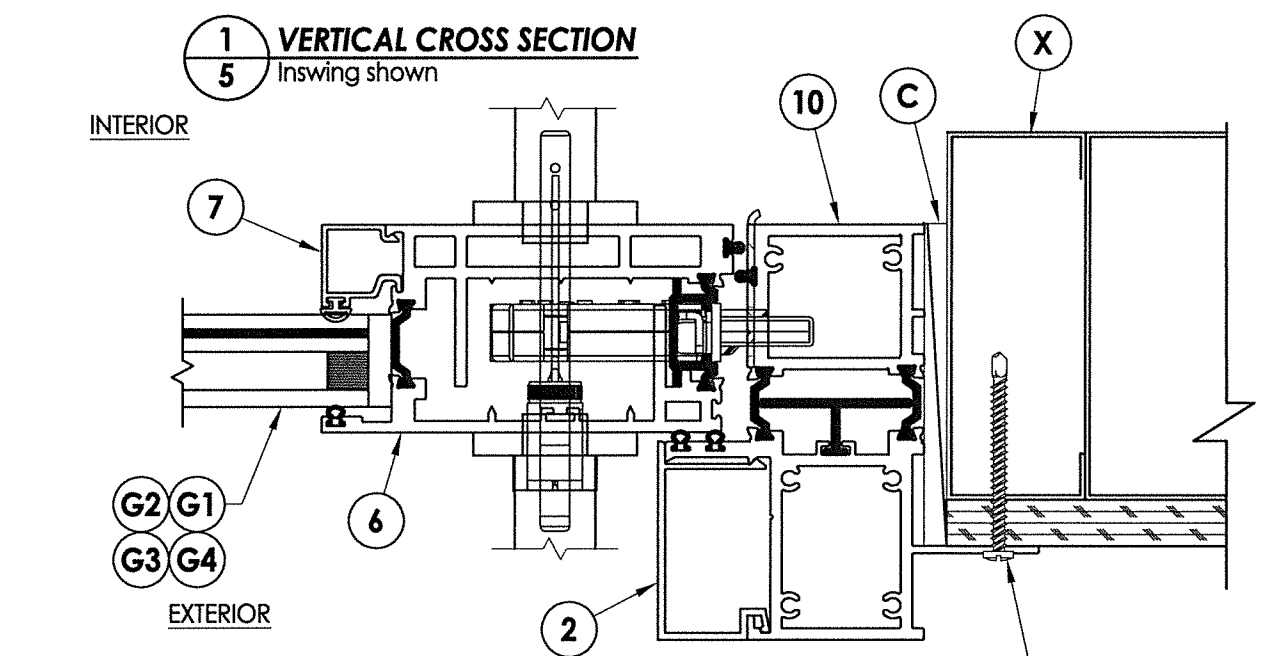
  

DATE:	7/22/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17954.1
SHEET	4 of 8

\\dc01\rvb\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-17954 Side Hinged Door\C - Drawings\FL-17954 (2020)\FL-17954.1.3.4.6.7.dwg

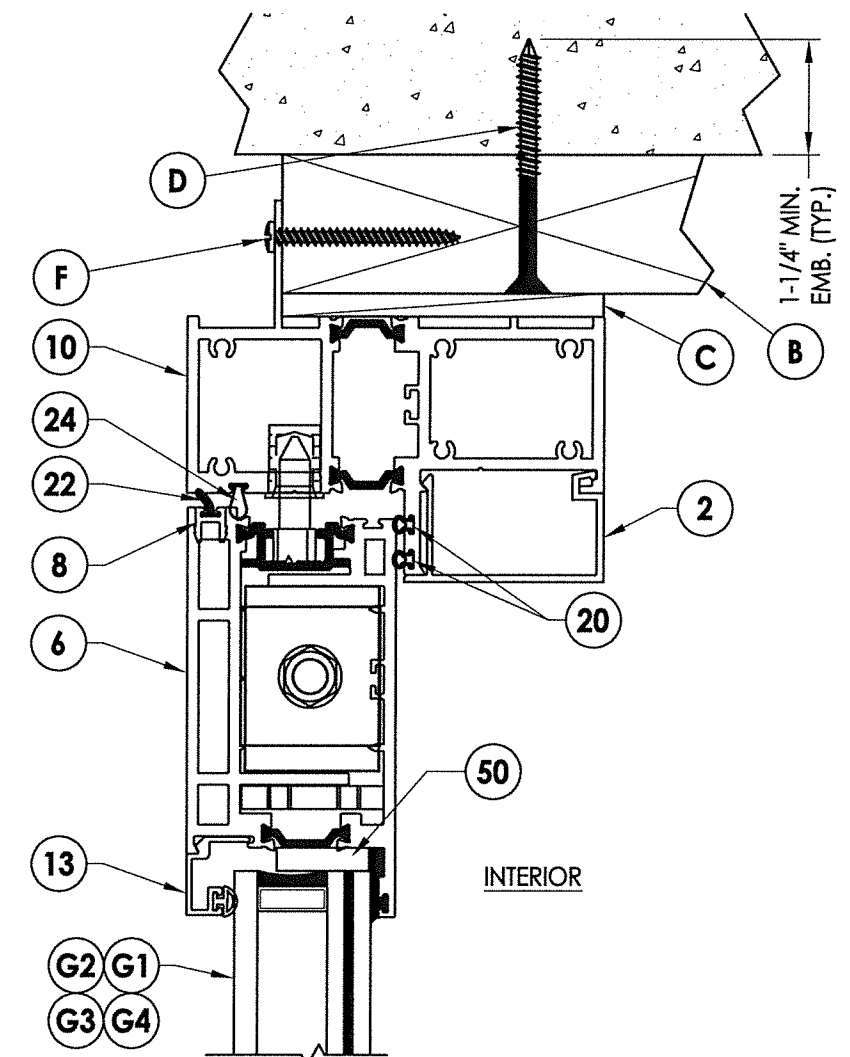


**1 VERTICAL CROSS SECTION**  
5 Inswing shown

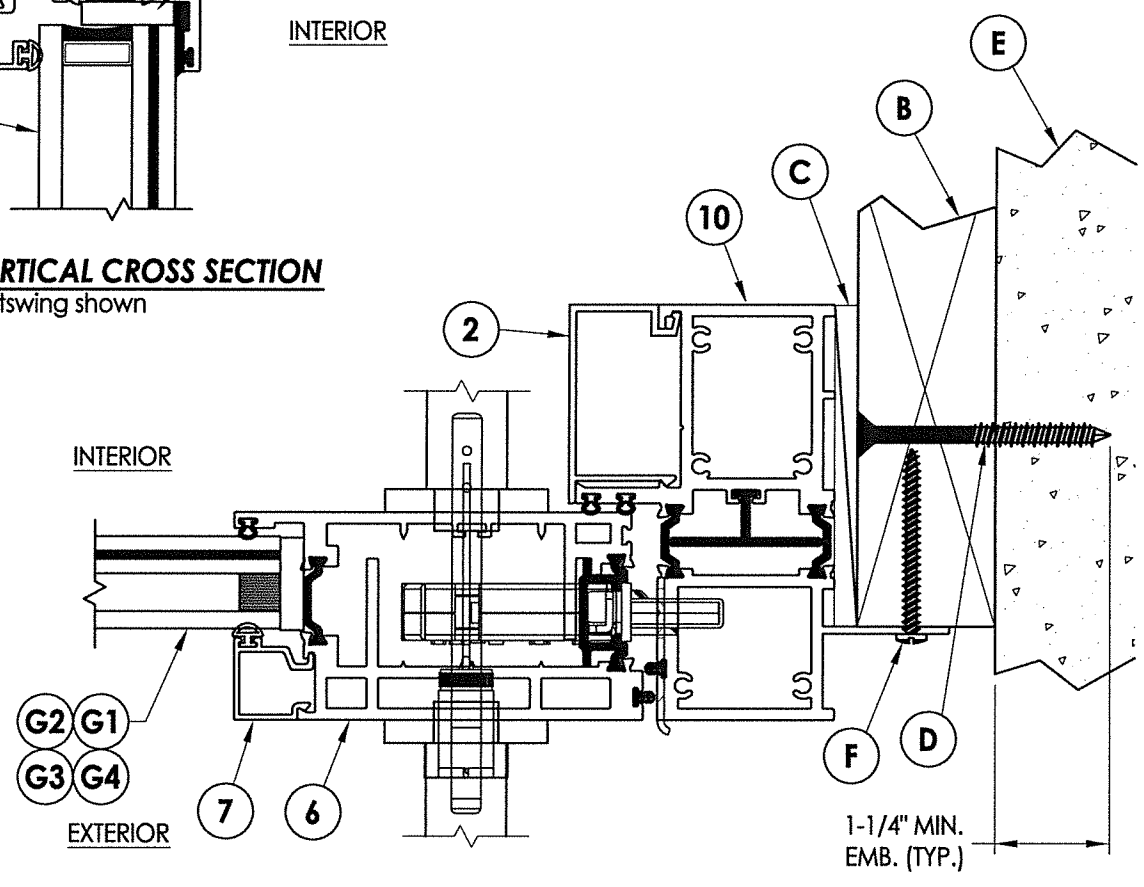


**3 HORIZONTAL CROSS SECTION**  
5 Steel Stud Construction  
Inswing shown

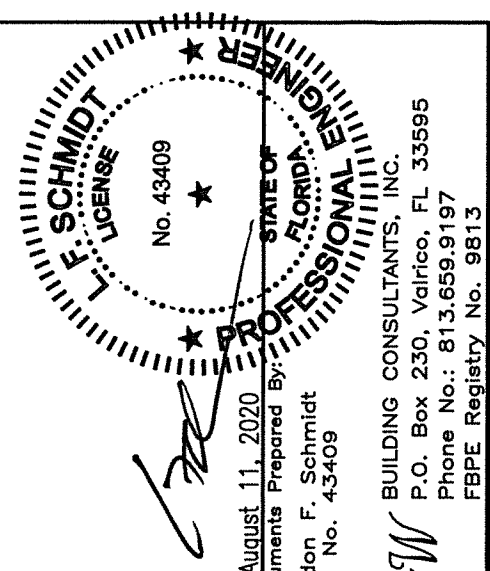
**K** NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal stud.



**2 VERTICAL CROSS SECTION**  
5 Outswing shown



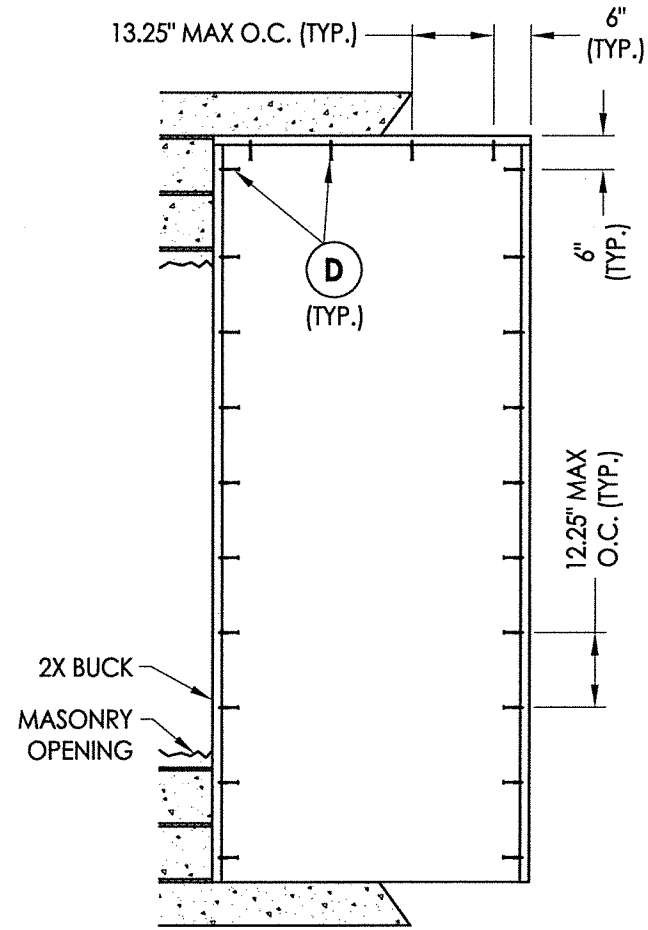
**4 HORIZONTAL CROSS SECTION**  
5 2X Buck Construction  
Outswing shown



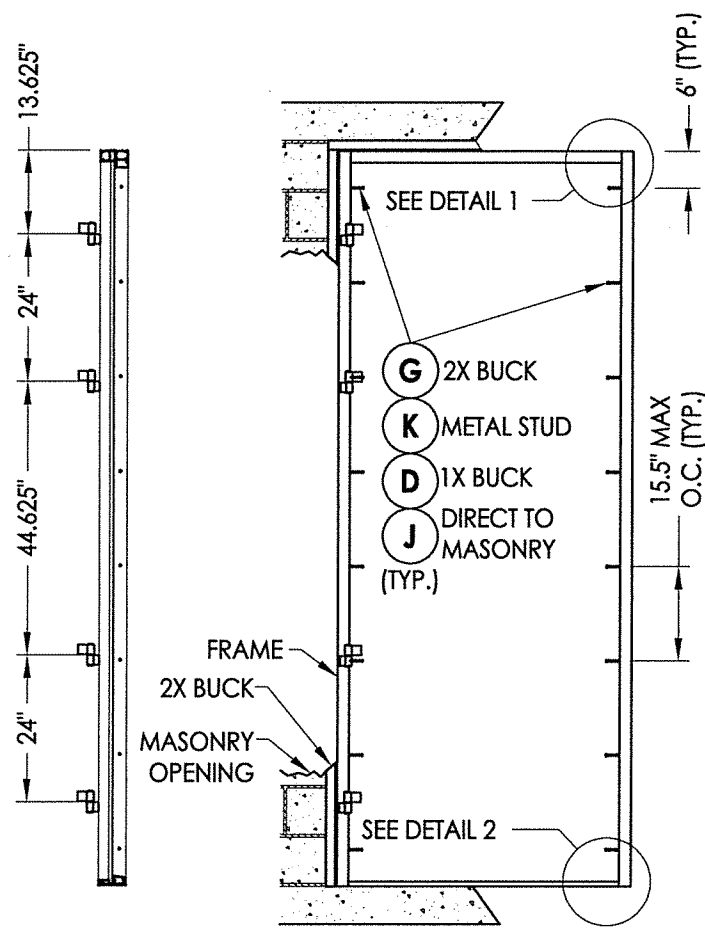
August 11, 2020  
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

FLEETWOOD WINDOWS AND DOORS	
PART OR ASSEMBLY: FIN HORIZONTAL AND VERTICAL CROSS SECTIONS	
DATE	7/22/15
SCALE	N.T.S.
DWG. BY	JK
CHK. BY	LFS
DRAWING NO.	FL-17954.1
SHEET	5 OF 8
NO.	DATE
2	8/11/20
1	08/07/17
DAC	FBC
LFS	FBC
REVISIONS	

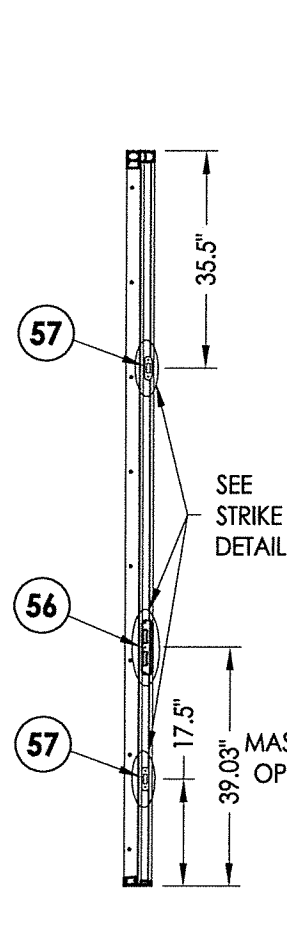


**2X BUCK ANCHORING**

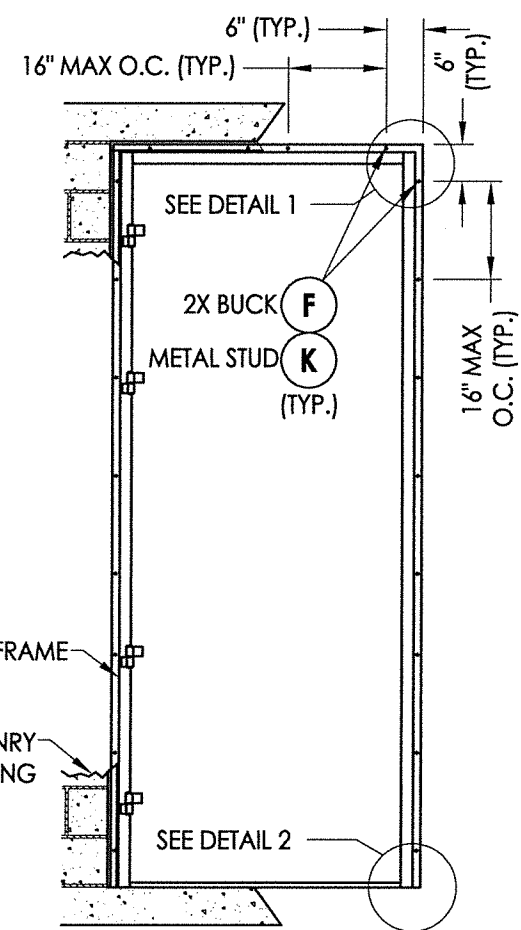


**HINGE DETAIL**

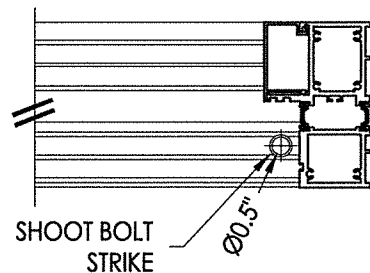
**FRAME ANCHORING**



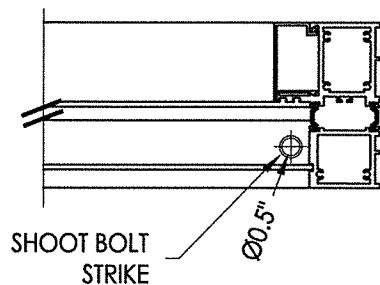
**STRIKE PLATE DETAIL**



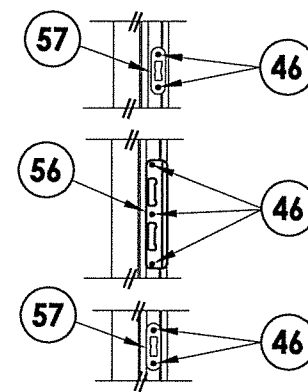
**FIN ANCHORING**



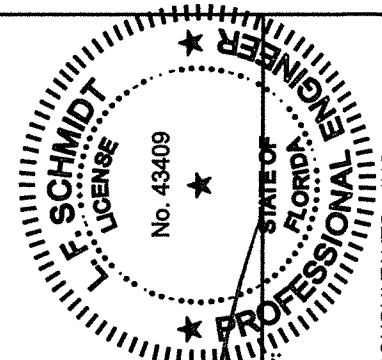
**DETAIL 2**



**DETAIL 1**



**STRIKE DETAIL**



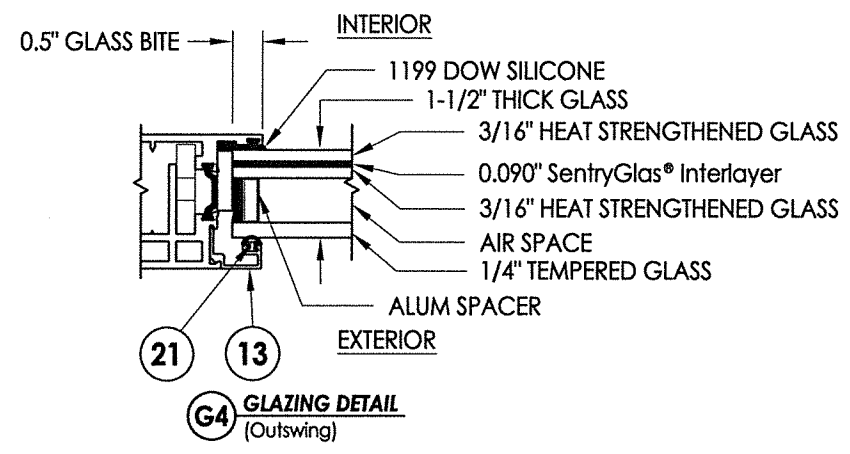
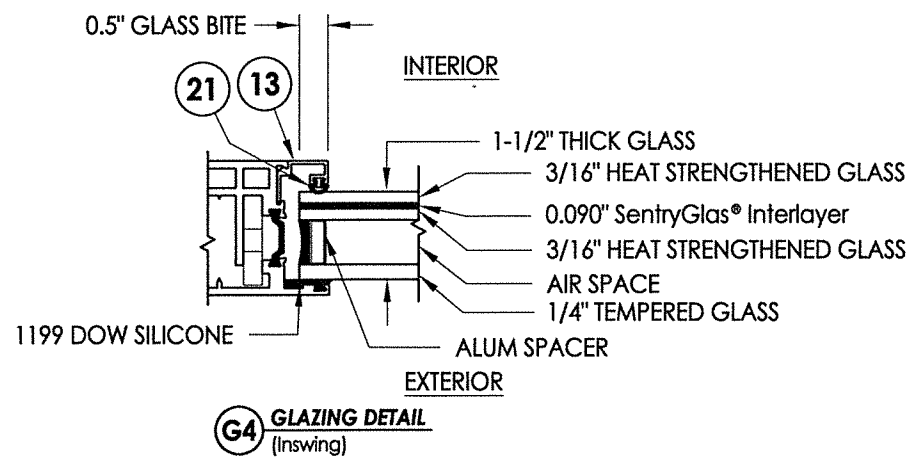
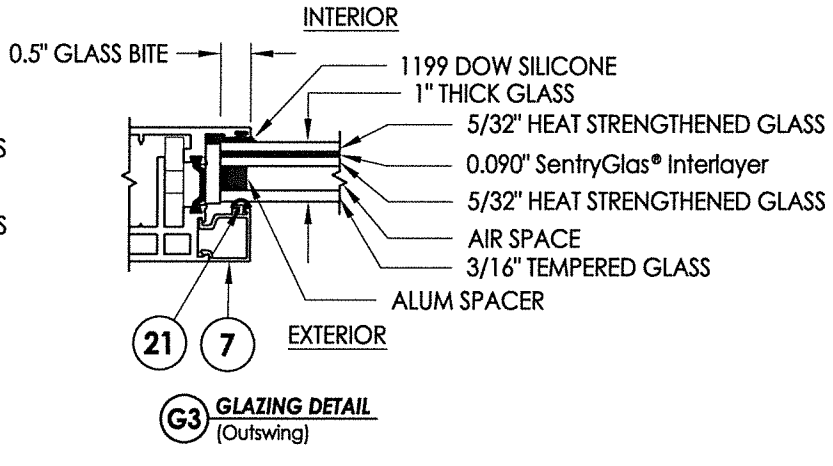
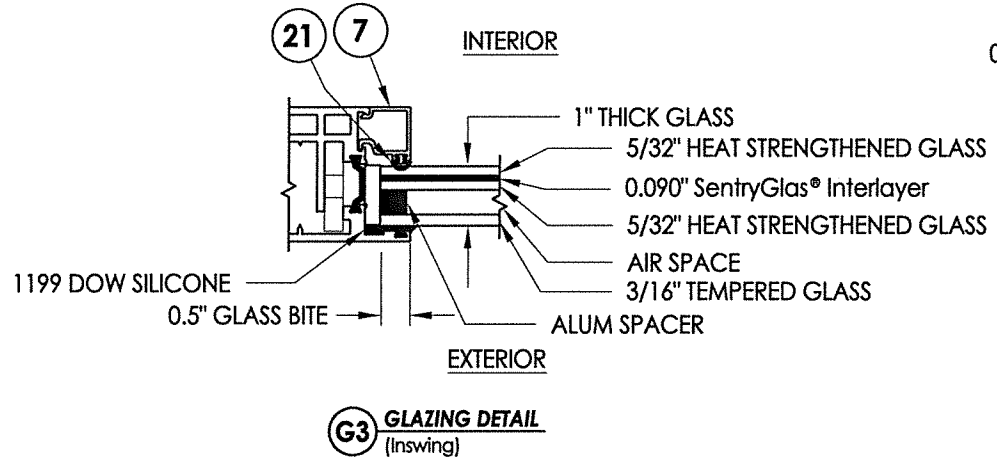
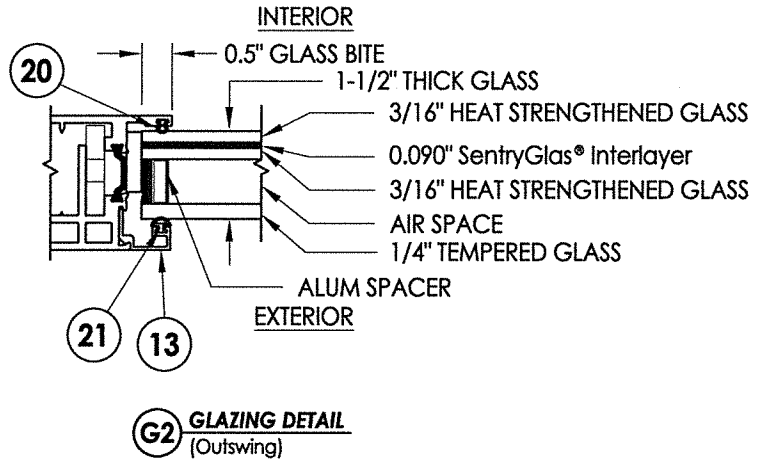
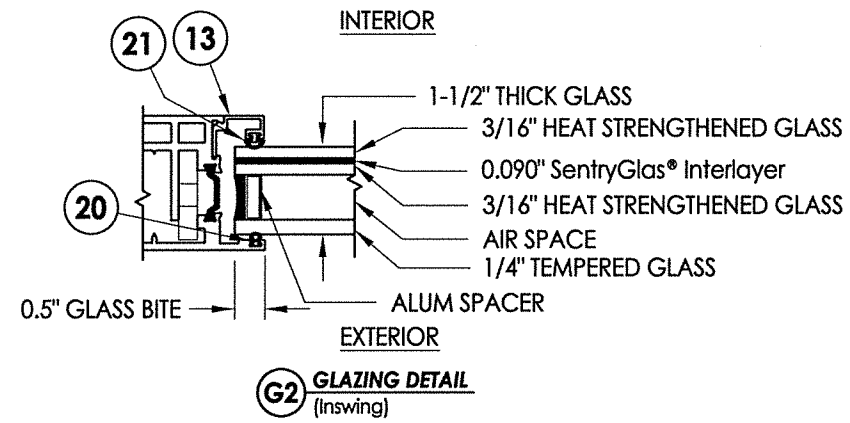
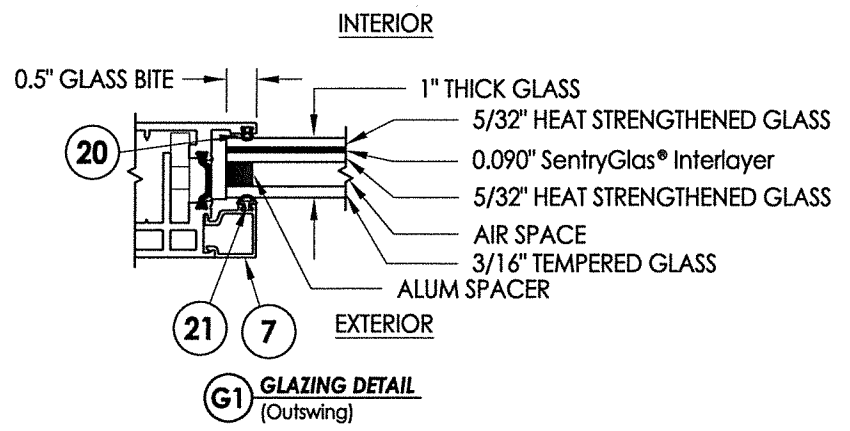
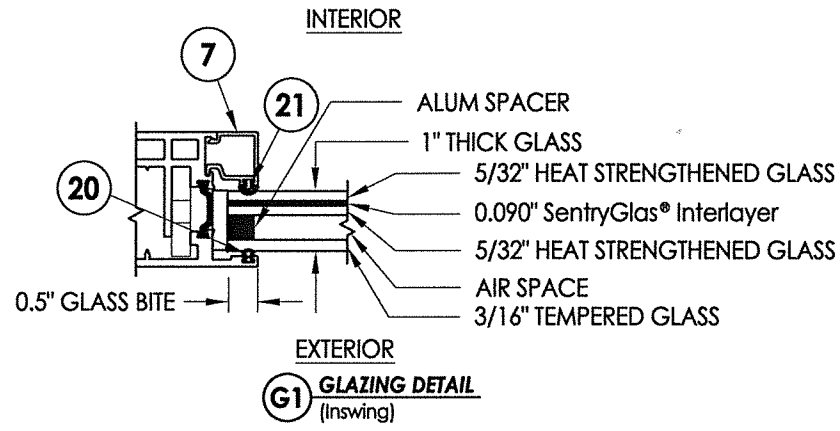
August 11, 2020  
 Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409

**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 AND FRAME ANCHORING	
NO.	DATE	BY	REVISIONS
2	8/11/20	DAC	UPDATE TO 7TH ED. (2020) FBC
1	08/07/17	LFS	UPDATE TO 6TH ED. (2017) FBC

DATE:	7/22/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17954.1
SHEET	6 of 8

\\dc01\wbc\Clients\Fleetwood PERMANENTA - Florida Product Approvals\FL-17954 Side Hinged Door\C - Drawings\FL-17954.1.3.4.6.7.dwg



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

**L. F. SCHMIDT**  
LICENSE  
No. 43409  
STATE OF FLORIDA  
**PROFESSIONAL ENGINEER**

August 11, 2020  
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

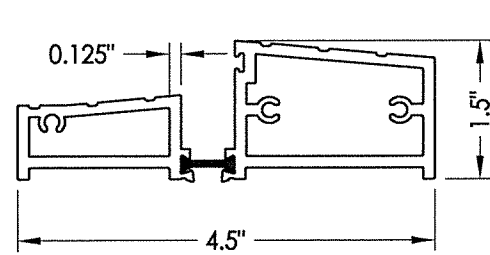
<b>PRODUCT:</b>	FLEETWOOD WINDOWS AND DOORS		
<b>PART OR ASSEMBLY:</b>	GLAZING DETAILS		
<b>REVISIONS</b>	<b>NO.</b>	<b>DATE</b>	<b>BY</b>
	2	8/11/20	DAC
	1	08/07/17	LFS
<b>DATE:</b>	7/22/15		
<b>SCALE:</b>	N.T.S.		
<b>DWG. BY:</b>	JK		
<b>CHK. BY:</b>	LFS		
<b>DRAWING NO.:</b>	FL-17954.1		
<b>SHEET</b>	7 of 8		

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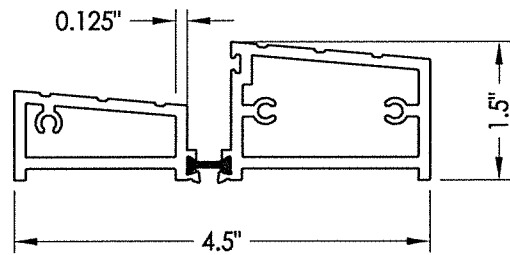


\\dc01\rbcc\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-17954 Side Hinged Door\C - Drawings\FL 17954 (2020)\FL-17954.1.3.4.6.7.dwg

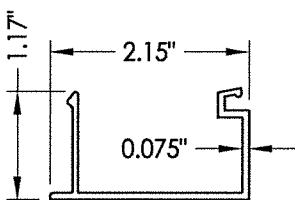
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL - MANUFACTURER
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 x 1-3/4" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
G	#10 x 2" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
J	1/4" X 2-1/4" ITW PFH CONCRETE SCREW	STEEL
K	#10 FH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	FRAME	6063-T6 ALUM
2	FRAME SNAP-IN	6063-T6 ALUM
3	OUTSWING SILL	6063-T6 ALUM
4	SILL PAN	6063-T6 ALUM
5	INSWING SILL	6063-T6 ALUM
6	SASH	6063-T6 ALUM
7	1" GLASS STOP	6063-T6 ALUM
8	ATLANTIC SEAL CLIP	6063-T6 ALUM
10	FRAME (FIN)	6063-T6 ALUM
13	1.5" GLASS STOP	6063-T6 ALUM
20	BULB VINYL - MINI (EPDM 70 Durometer)	TREMCO, # TX20801E
21	BULB VINYL - LARGE (EPDM 70 Durometer)	TREMCO, # TX19638E
22	FOAM SEAL	EMESBURY, # 32390
23	Q-LON FOAM SEAL	SCHLEGEL CORP., # Q225T190
24	Q-LON FOAM SEAL	SCHLEGEL CORP., # Q375T190
25	Q-LON FOAM SEAL	SCHLEGEL CORP., # QEZ 376
31	BUTT HINGE	SAVIO
32	BACK UP KIT	SAVIO
33	HINGE BOLT, 8M X 48MM (FOR PANEL)	SAVIO
36	BACK UP PLATE FOR CORNER BLOCK	-
37	MACHINE SCREW NO 10-32, FHP 1.125"	STAINLESS STEEL
38	MACHINE SCREW NO 10-32, FHP .75"	STAINLESS STEEL
39	HEX HEAD CAP SCREW .375-16, 2.250"	STAINLESS STEEL
40	.375-16 SS. HEX NUT	STAINLESS STEEL
41	.375 SPLIT LOCK WASHER	STAINLESS STEEL
46	#10 X 1/2" PFH SMS	STAINLESS STEEL
50	4" LONG SETTING BLOCK	-
56	LATCH AND DEADBOLT STRIKE PLATE	STAINLESS STEEL
57	STRIKE PLATE	STAINLESS STEEL
60	TDL BAR	6063-T6 ALUM



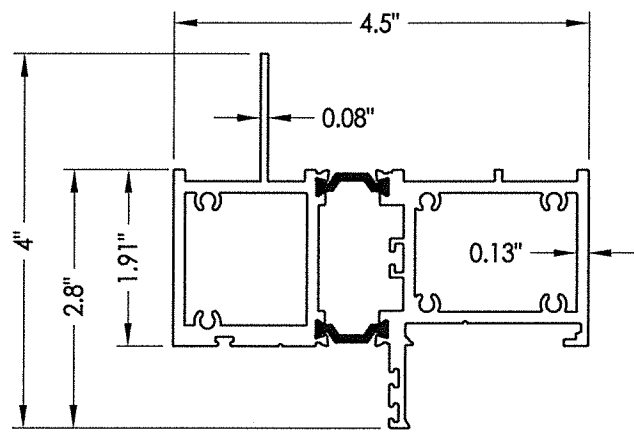
3 OUTSWING SILL



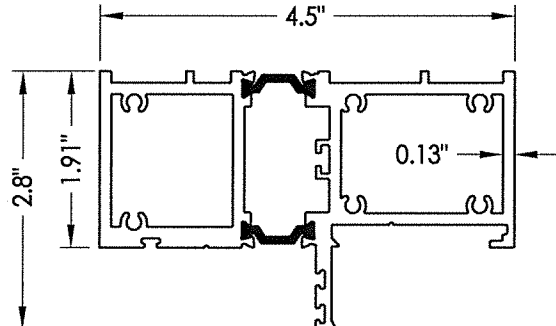
5 INSWING SILL



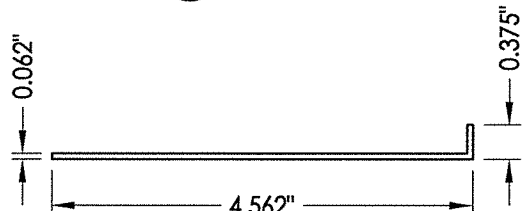
2 FRAME SNAP-IN



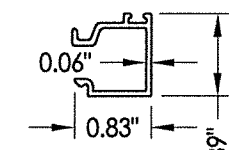
10 FRAME (FIN)



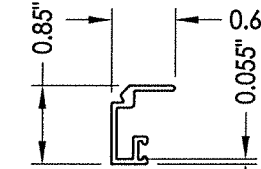
1 FRAME



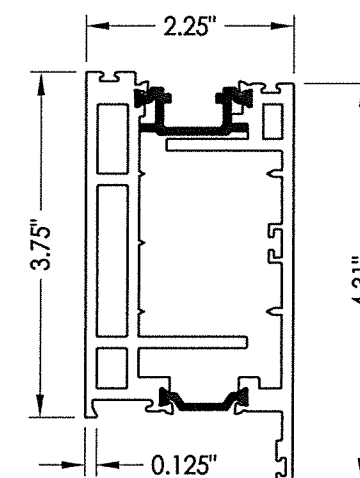
4 SILL PAN



7 1" GLASS STOP



13 1.5" GLASS STOP



6 SASH

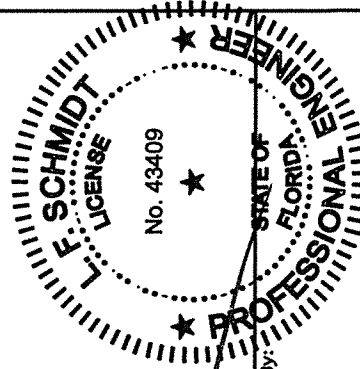
**CONCRETE ANCHOR NOTES:**

- 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"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

**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.



August 11, 2020  
 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: BILL OF MATERIALS AND COMPONENTS

NO.	DATE	BY	REVISIONS
2	8/11/20	FBC	UPDATE TO 7th ED. (2020)
1	108/07/17	LFS	UPDATE TO 6TH ED. (2017)

DATE: 7/22/15  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-17954.1  
 SHEET 8 OF 8