

[illegible]

2 HORIZONTAL CROSS SECTION
2 1X Buck Masonry Construction

min. of 3 threads through at least metal (maintain a min. 3/8" edge

INTERIOR

J

K

C

13

8

G2

3

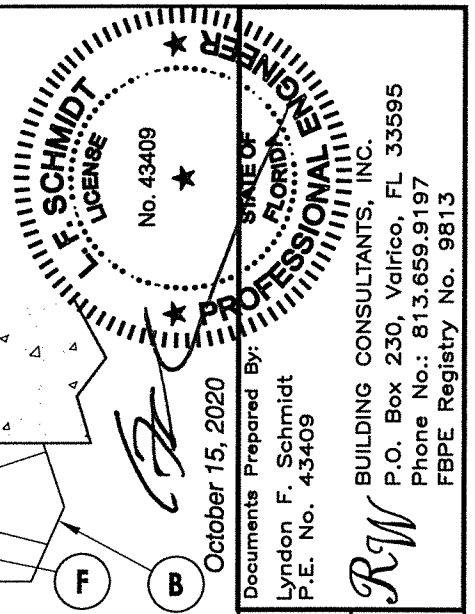
1

EXTERIOR

4 HORIZONTAL CROSS SECTION
2 Metal Stud Construction

Technical drawing of a window assembly cross-section. The drawing shows the exterior (left) and interior (right) views of the window frame and sash. Callouts 1 through 17 identify various components and features. Labels E, D, F, B, C, 17, 5, 3, and G1 are also present. A note indicates a minimum 1-1/4" EMB. (TYP.) for the exterior finish. A circular stamp in the top right corner reads "LICENSED ARCHITECT" and "No. 43".

3 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



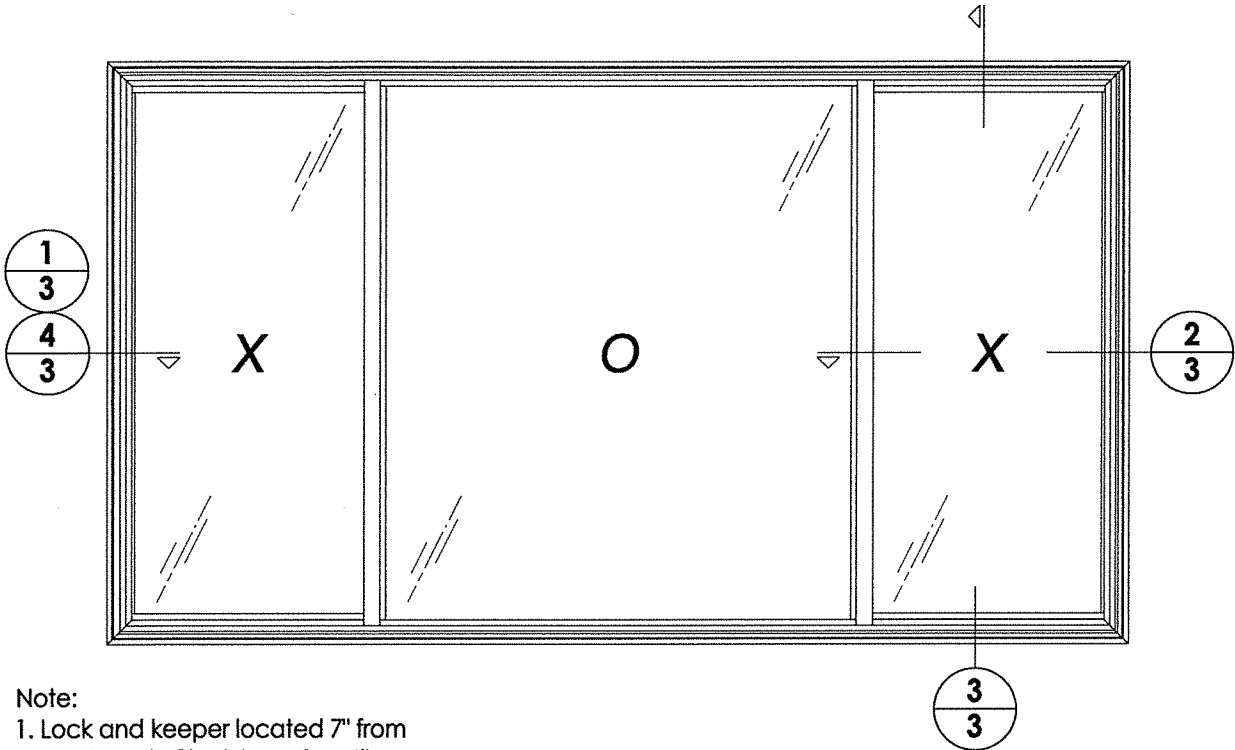
October 13, 2020

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

OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

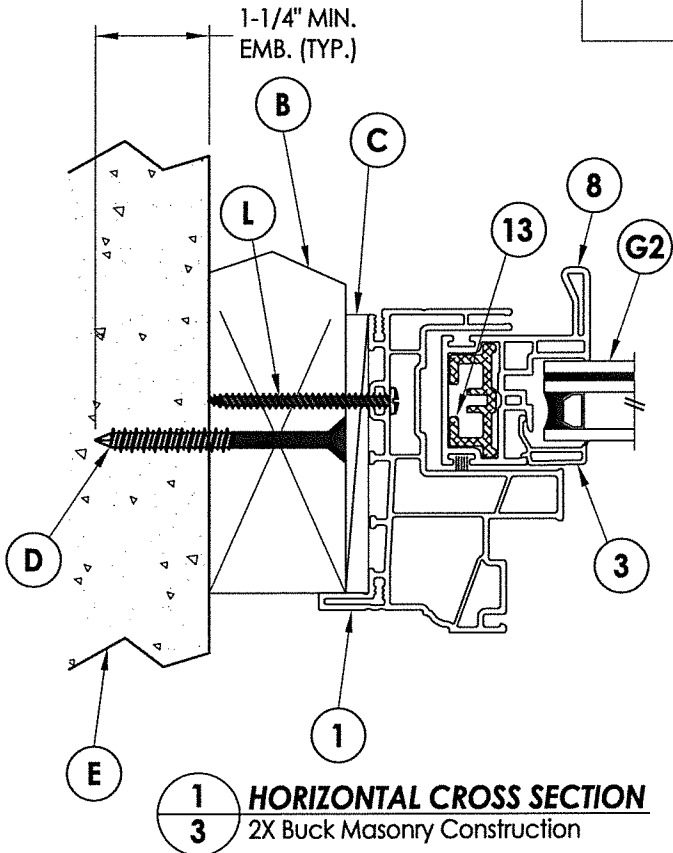
R²W
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

6	10/15/20	EDITORIAL - CORRECT MODEL #	RW
5	7/30/20	UPDATE TO 7TH ED. (2020)	FBC
4	9/22/17	UPDATE TO 6TH ED. (2017)	FBC
3	9/26/16	ADDED ALT. ANCHOR LOCATION	LFS
2	12/17/15	REVISE MODEL NAME	JK
1	6/25/15	UPDATE TO 5TH ED. (2014)	FBS
NO.	DATE		BY
REVISIONS			



- Note:
1. Lock and keeper located 7" from each end of lock/meeting stile.
 2. Metal roller assembly located 2" from each end of the bottom rail.
 3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.

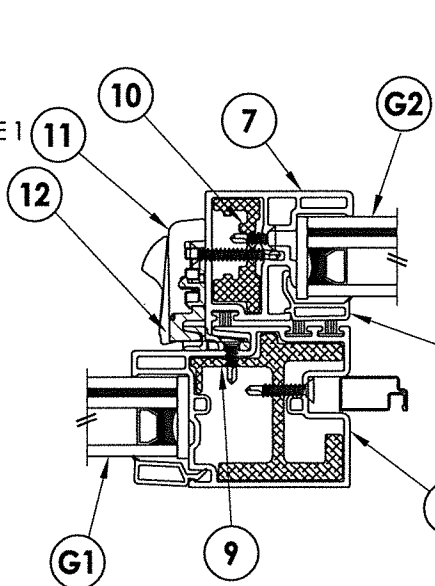
ALTERNATE ANCHORING LOCATION SHOWN ON THIS SHEET



INTERIOR

EXTERIOR

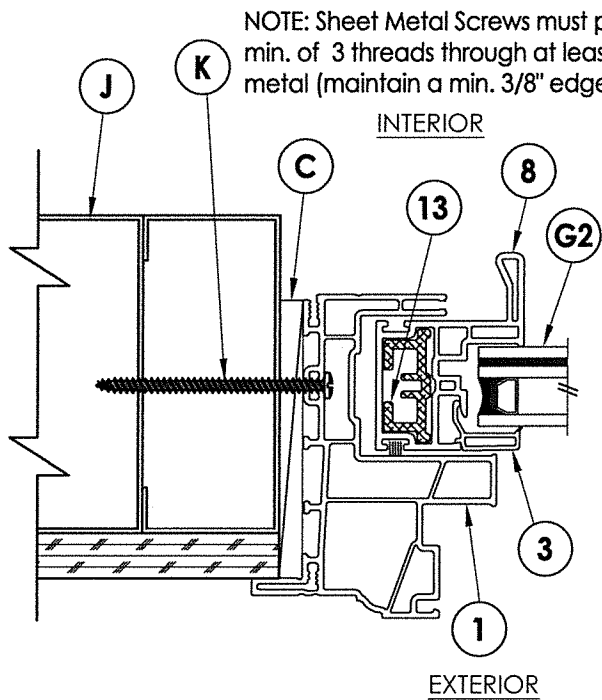
SEE NOTE 1



INTERIOR

EXTERIOR

2 **HORIZONTAL CROSS SECTION**
3 1X Buck Masonry Construction

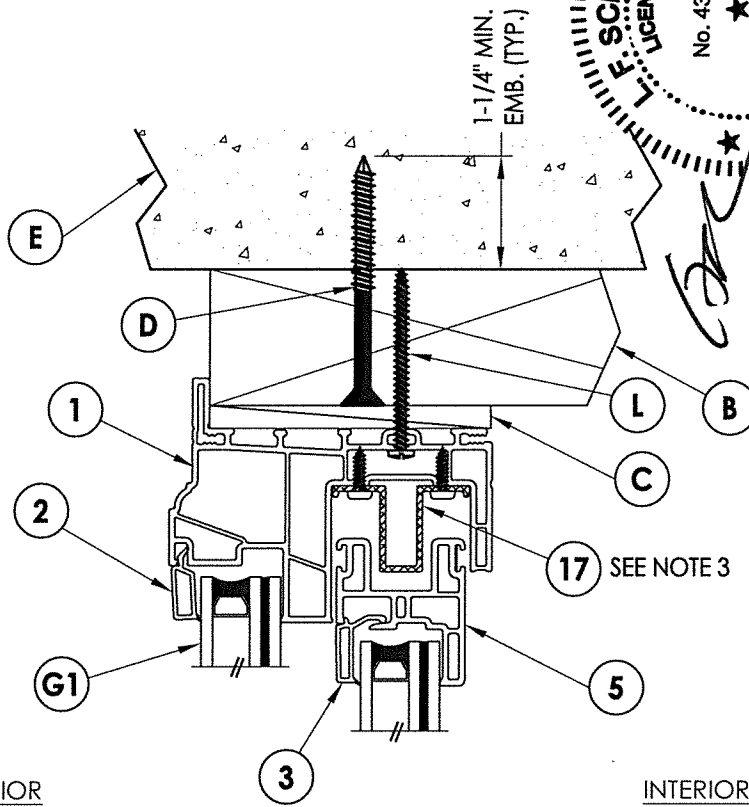


INTERIOR

EXTERIOR

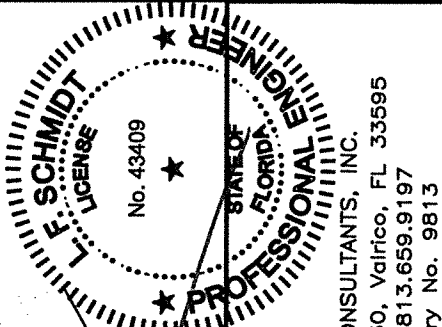
4 **HORIZONTAL CROSS SECTION**
3 Metal Stud Construction

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal (maintain a min. 3/8" edge distance).



INTERIOR

3 **VERTICAL CROSS SECTION**
3 2X Buck Masonry Construction

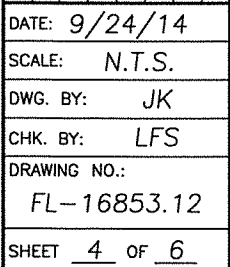


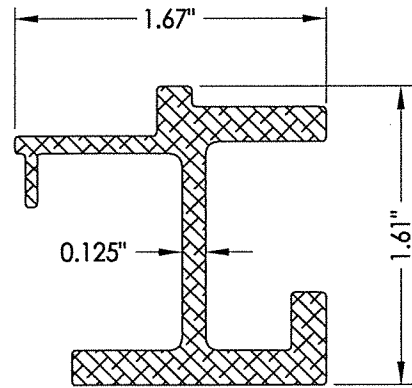
October 15, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

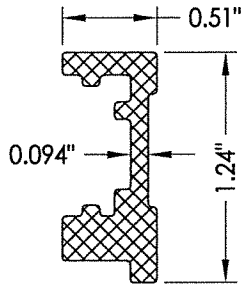
PRODUCT:		Doers		PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
RW	EDITORIAL - CORRECT MODEL #	JK	EDITORIAL - CORRECT MODEL #	JK	EDITORIAL - CORRECT MODEL #	JK	EDITORIAL - CORRECT MODEL #
DAC	UPDATE TO 7TH ED. (2020) FBC	JK	UPDATE TO 7TH ED. (2020) FBC	JK	UPDATE TO 7TH ED. (2020) FBC	JK	UPDATE TO 7TH ED. (2020) FBC
JK	UPDATE TO 6TH ED. (2017) FBC	JK	UPDATE TO 6TH ED. (2017) FBC	JK	UPDATE TO 6TH ED. (2017) FBC	JK	UPDATE TO 6TH ED. (2017) FBC
LFS	ADDED ALT. ANCHOR LOCATION	JK	ADDED ALT. ANCHOR LOCATION	JK	ADDED ALT. ANCHOR LOCATION	JK	ADDED ALT. ANCHOR LOCATION
JK	REVISE MODEL NAME	JK	REVISE MODEL NAME	JK	REVISE MODEL NAME	JK	REVISE MODEL NAME
LFS	UPDATE TO 5TH ED. (2014) FBC	JK	UPDATE TO 5TH ED. (2014) FBC	JK	UPDATE TO 5TH ED. (2014) FBC	JK	UPDATE TO 5TH ED. (2014) FBC
BY	DATE	DATE	DATE	DATE	DATE	DATE	DATE
REVISIONS							
NO.	DATE	DATE	DATE	DATE	DATE	DATE	DATE
6	10/15/20	EDITORIAL - CORRECT MODEL #	JK	EDITORIAL - CORRECT MODEL #	JK	EDITORIAL - CORRECT MODEL #	JK
5	7/30/20	UPDATE TO 7TH ED. (2020) FBC	JK	UPDATE TO 7TH ED. (2020) FBC	JK	UPDATE TO 7TH ED. (2020) FBC	JK
4	9/22/17	UPDATE TO 6TH ED. (2017) FBC	JK	UPDATE TO 6TH ED. (2017) FBC	JK	UPDATE TO 6TH ED. (2017) FBC	JK
3	9/26/16	ADDED ALT. ANCHOR LOCATION	JK	ADDED ALT. ANCHOR LOCATION	JK	ADDED ALT. ANCHOR LOCATION	JK
2	12/17/15	REVISE MODEL NAME	JK	REVISE MODEL NAME	JK	REVISE MODEL NAME	JK
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC	JK	UPDATE TO 5TH ED. (2014) FBC	JK	UPDATE TO 5TH ED. (2014) FBC	JK
DATE: 9/24/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-16853.12							
SHEET 3 OF 6							

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

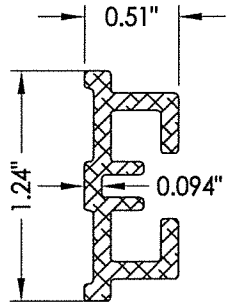




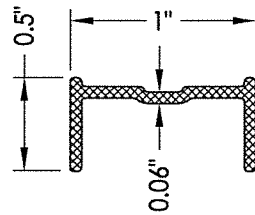
9 MEETING STILE REINFORCEMENT



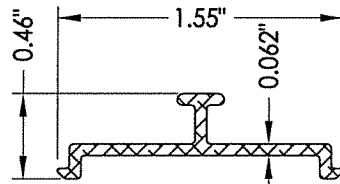
10 LOCK STILE REINFORCEMENT



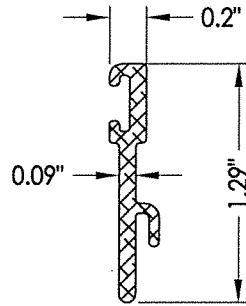
13 HANDLE STILE REINFORCEMENT



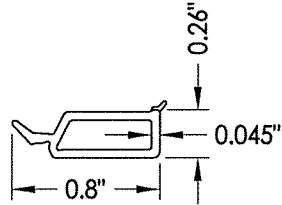
18 BOTTOM RAIL REINFORCEMENT



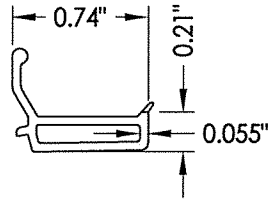
16 ROLLER TRACK



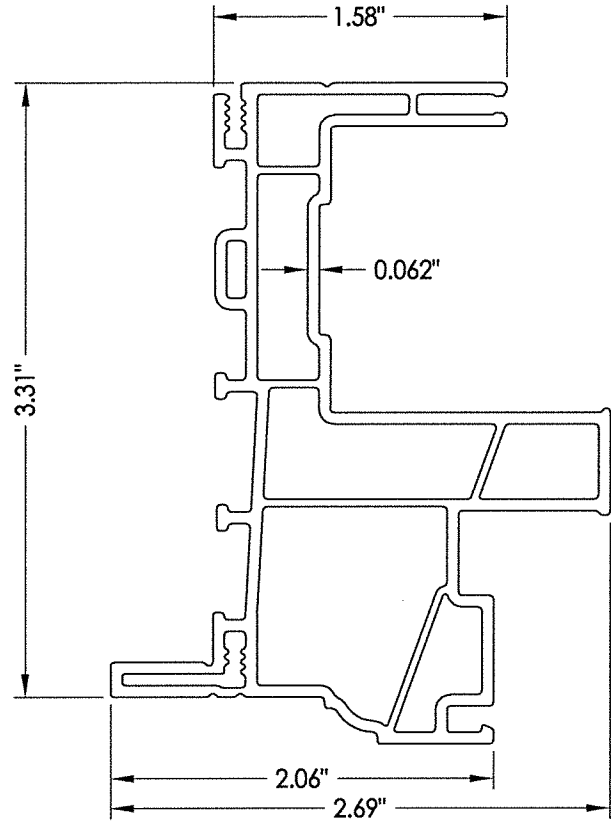
15 SILL RISER



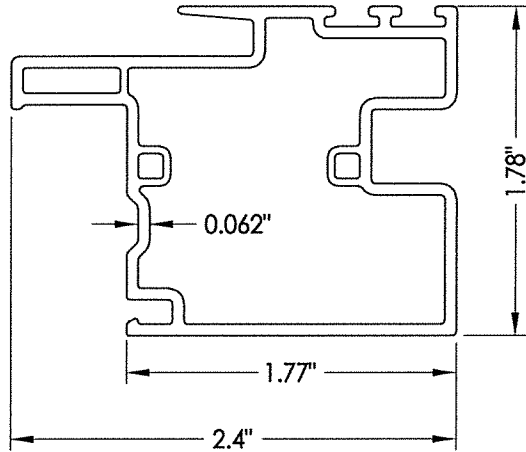
2 GLAZING BEAD



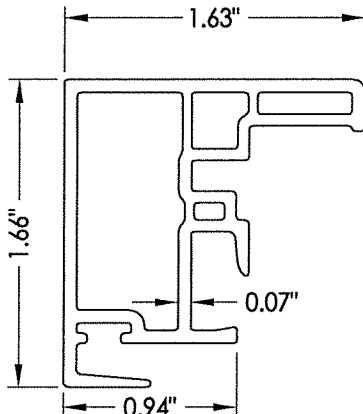
3 GLAZING BEAD



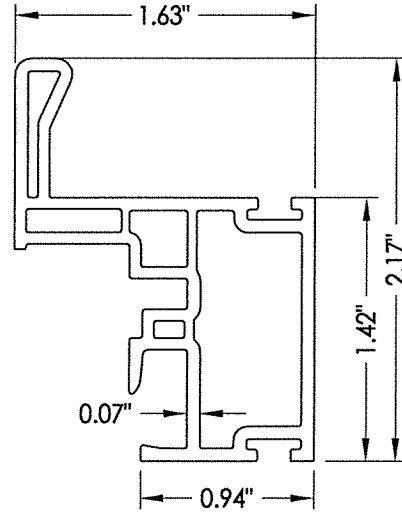
1 FRAME



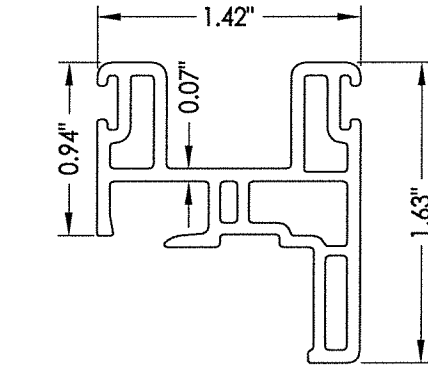
6 MEETING STILE



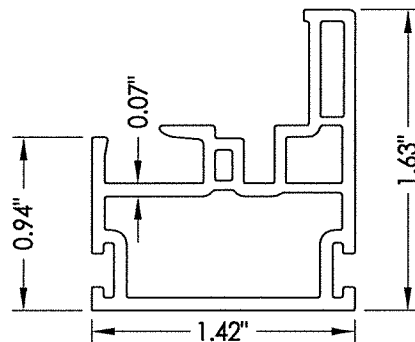
7 LOCK STILE



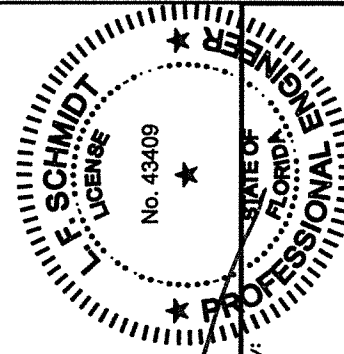
8 HANDLE STILE



5 TOP RAIL



4 BOTTOM RAIL



October 15, 2020

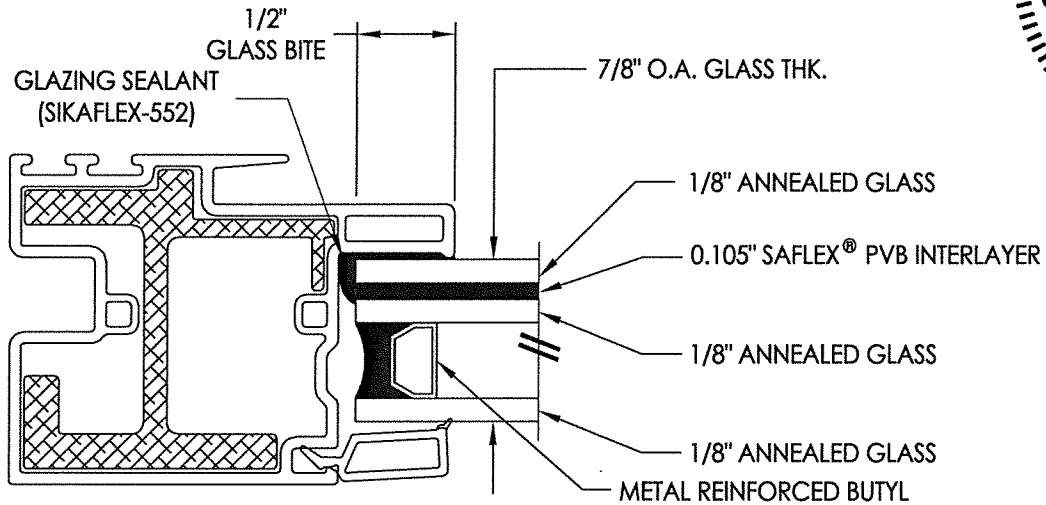
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:		Doers		PART OR ASSEMBLY:		COMPONENTS	
RW	DAC	JK	LFS	JK	LFS	BY	
6	10/15/20	EDITORIAL - CORRECT MODEL #					
5	7/30/20	UPDATE TO 7TH ED. (2020)	FBC				
4	9/22/17	UPDATE TO 6TH ED. (2017)	FBC				
3	9/26/16	ADDED ALT. ANCHOR LOCATION					
2	12/17/15	REVISE MODEL NAME					
1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC				
NO.	DATE						
REVISIONS							
DATE: 9/24/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-16853.12							
SHEET 5 OF 6							

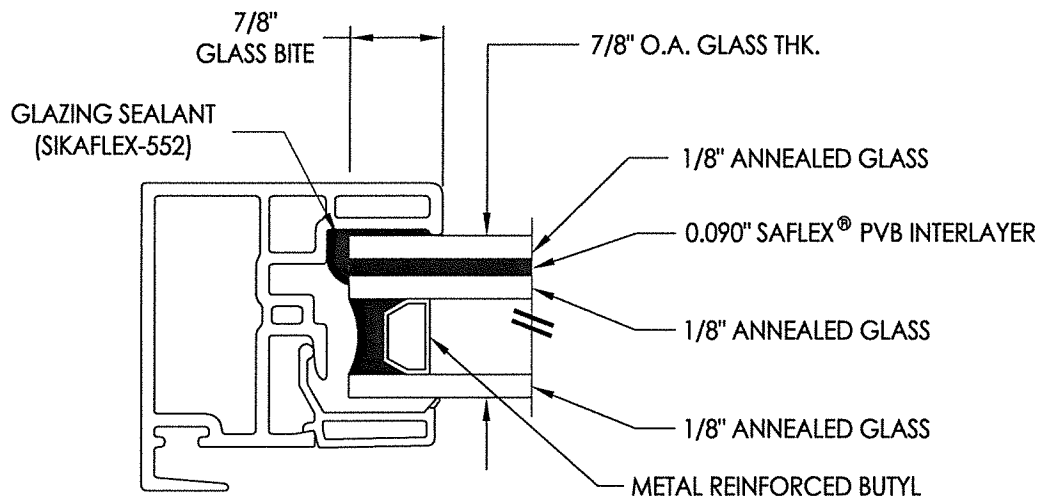
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
L	#10 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL FRAME (439)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD (425A) *	RIGID PVC
4	BOTTOM RAIL (424B)*	RIGID PVC
5	TOP RAIL (478)*	RIGID PVC
6	MEETING STILE (477)*	RIGID PVC
7	LOCK STILE (476)*	RIGID PVC
8	HANDLE STILE (475B)*	RIGID PVC
9	MEETING STILE REINFORCEMENT	6063-T5 ALUM
10	LOCK STILE REINFORCEMENT	6063-T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
13	HANDLE STILE REINFORCEMENT	6063-T5 ALUM
14	ROLLER (TRUTH #2433-1000)	-
15	SILL RISER	6063-T5 ALUM
16	ROLLER TRACK	6063-T5 ALUM
17	ANTI-LIFT ALUMINUM	6063-T5 ALUM
18	BOTTOM RAIL REINFORCEMENT	6063-T5 ALUM
20	WEATHERSTRIP (.187" X .290")	-

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".

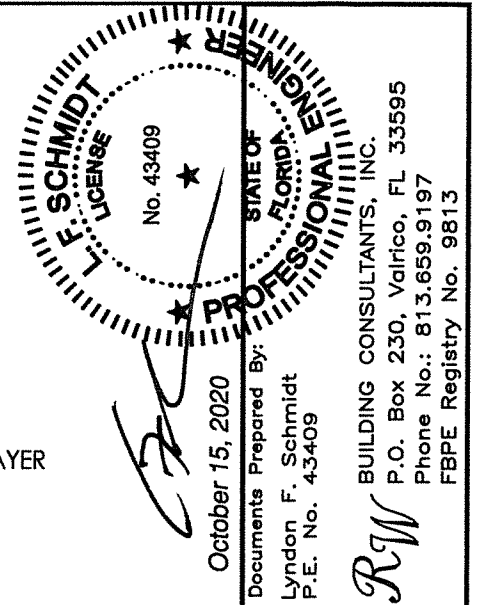


G1 GLAZING DETAIL
Fixed Lite

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



G2 **GLAZING DETAIL**
Operable Lite



6	10/15/20	EDITORIAL -- CORRECT MODEL #	RW	Doers	PRODUCT:
5	7/30/20	UPDATE TO 7TH ED. (2020) FBC	DAC		
4	9/22/17	UPDATE TO 6TH ED. (2017) FBC	JK		
3	9/26/16	ADDED ALT. ANCHOR LOCATION	LFS		
2	12/17/15	REVISE MODEL NAME	JK		
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC	LFS	PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS	
NO.	DATE		BY		
REVISIONS					
DATE: 9/24/14 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-16853.12 SHEET 6 OF 6					