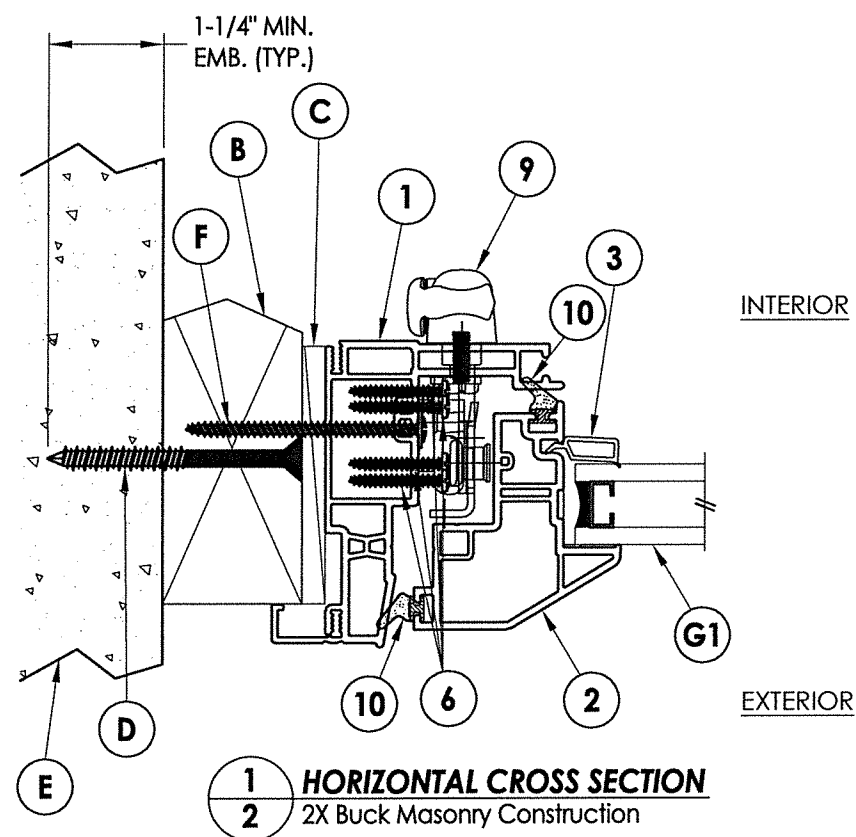
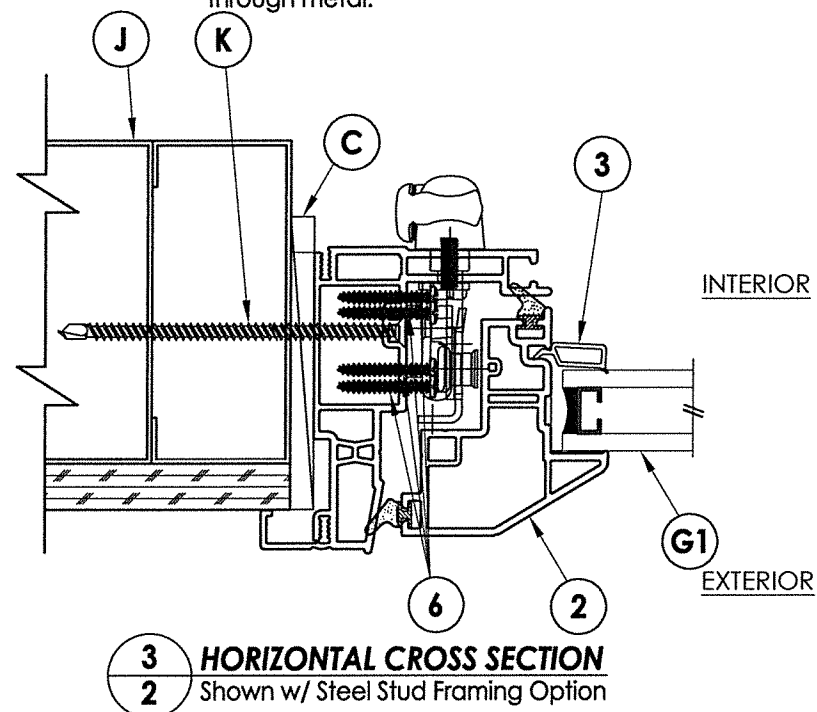




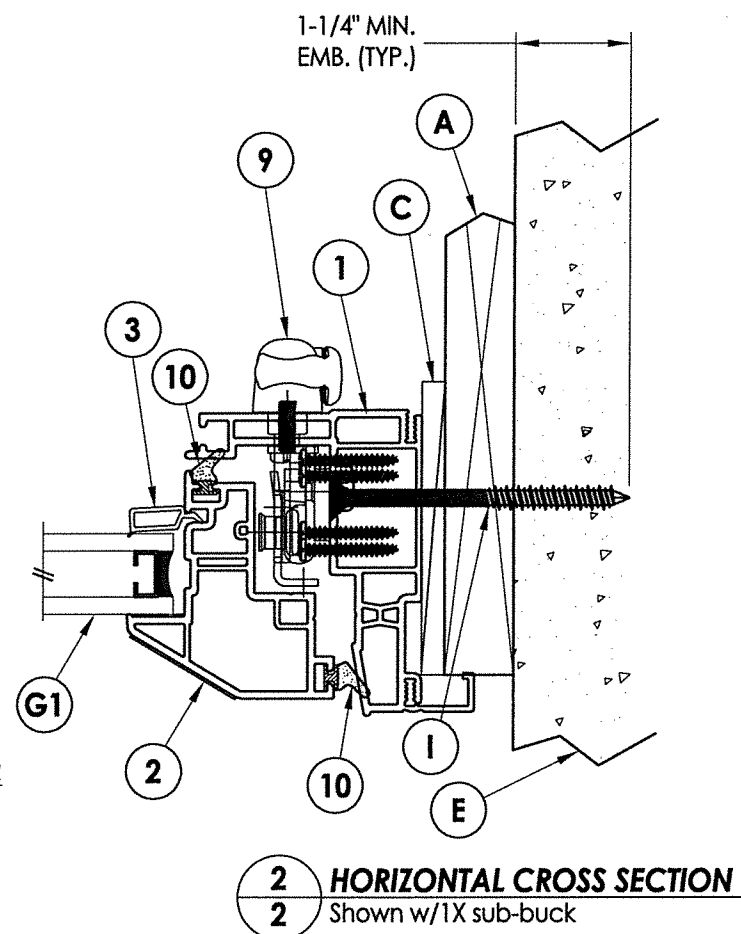
1 HORIZONTAL CROSS SECTION

2 2X Buck Masonry Construction

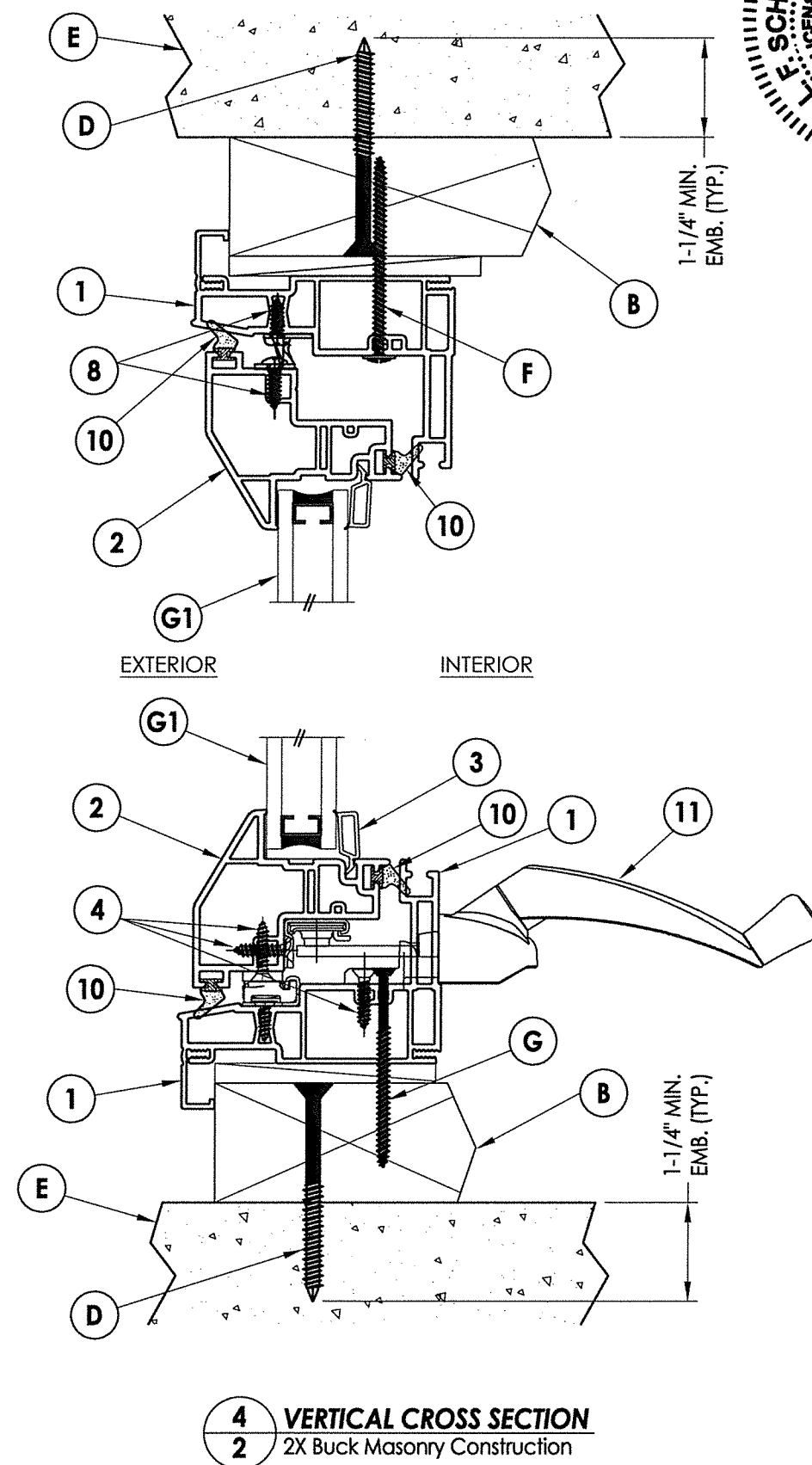
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



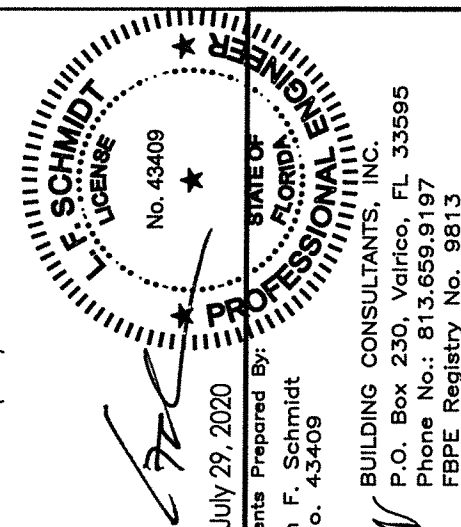
3 HORIZONTAL CROSS SECTION
2 Shown w/ Steel Stud Framing Option



2 HORIZONTAL CROSS SECTION
2 Shown w/1X sub-buck



4 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



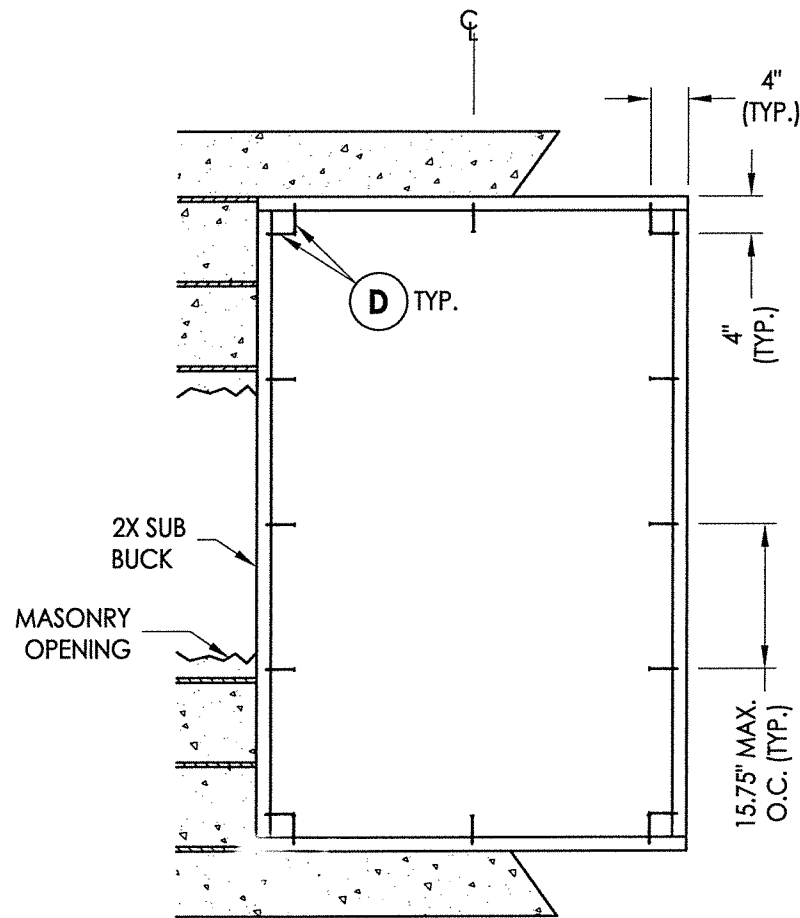
July 29, 2020

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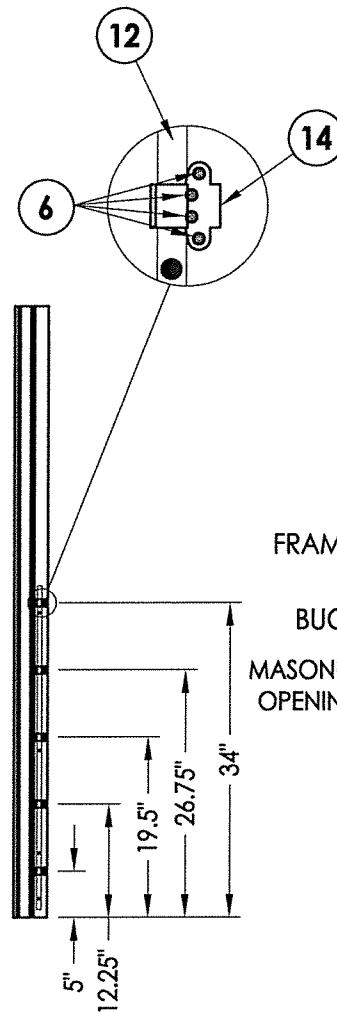
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		Doers	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
2	7/29/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	10/11/17	UPDATE TO 6TH ED. (2017)	FBC LFS
NO.	DATE	REVISIONS	
DATE: 6/28/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-22630.1			
SHEET 2 OF 4			

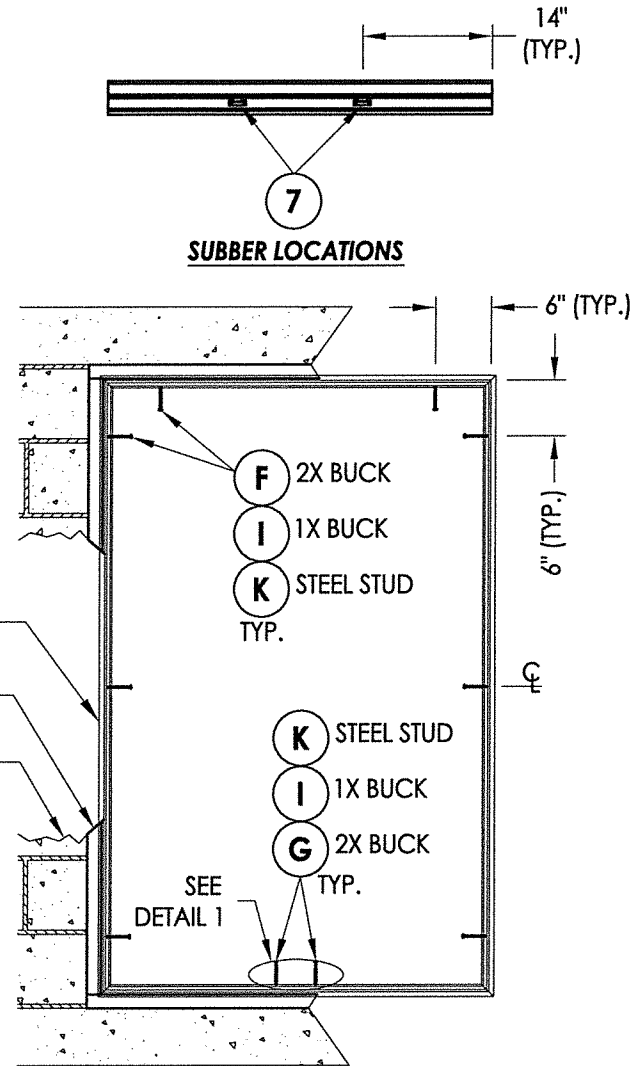
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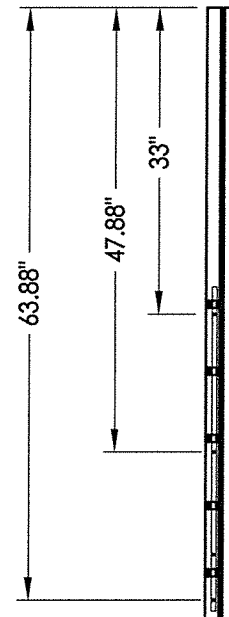
2X BUCK ANCHORING
Single unit



LOCK JAMB
Tie Bar Guide Locations



FRAME ANCHORING



LOCK JAMB
Lock locations

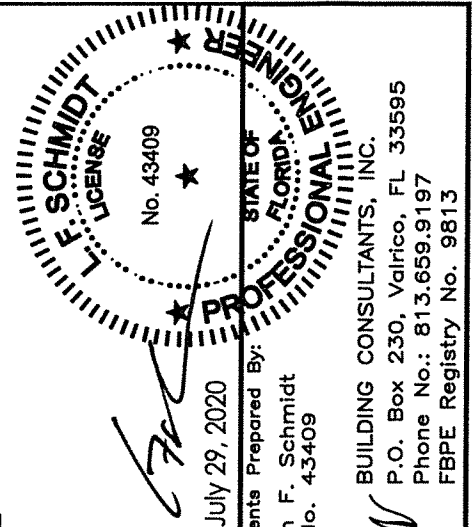
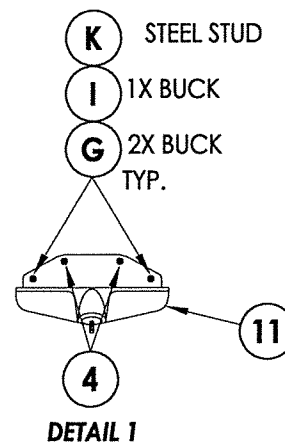
CONCRETE ANCHOR NOTES:

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"
ELCO 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.



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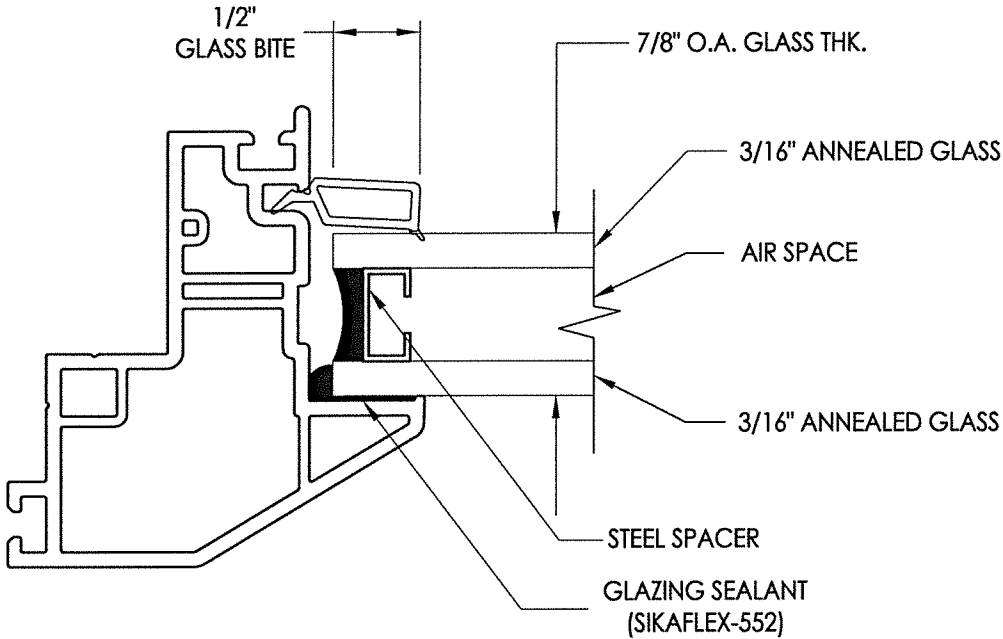
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:	
Doers		BUCK & FRAME ANCHORING	
NO.	DATE	BY	REVISIONS
2	7/29/20	LFS	UPDATE TO 7TH ED (2020) FBC
1	10/11/17	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE: 6/28/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-22630.1			
SHEET 3 OF 4			

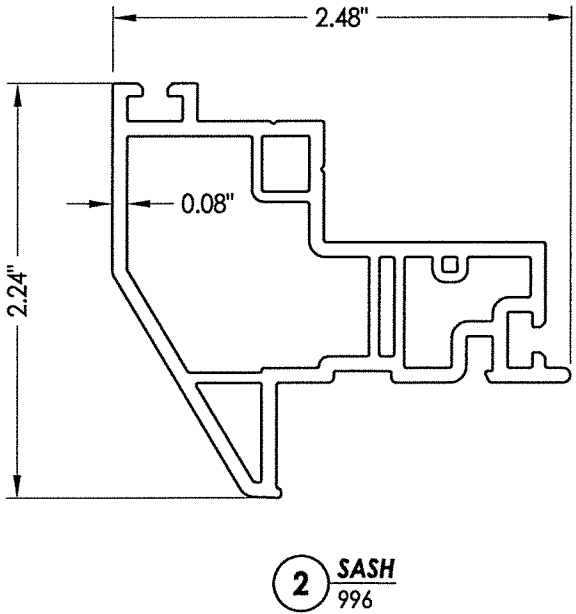
R:\Clients\Doers PERMANENT A - Florida Product Approvals\FL-22630 - Drawings\FL-22630 (2020)\FL-22630.1.dwg, 4.1

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	3/8" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO 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	#8 X 2-1/2" TRUSS HEAD SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	#8 X 2-1/2" PFH WOOD SCREW (1" MIN. EMBEDMENT)	STEEL
I	1/4" X 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	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
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL SASH *	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
4	#8 X 3/4" PFH SMS	STEEL
6	#8 X 1" PPH SMS	STEEL
7	SNUBBER	STEEL
8	#9 X 9/16" PPH SMS	STEEL
9	LOCK ASSEMBLY (TRUTH)	STEEL
10	FOAMTITE SEAL	-
11	SINGLE ARM OPERATOR (TRUTH)	-
12	TIE BAR (TRUTH)	-
14	TIE BAR GUIDE (TRUTH)	-

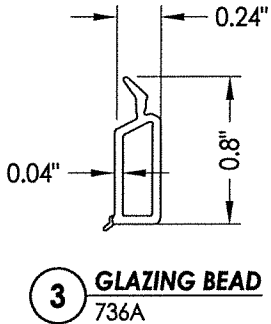
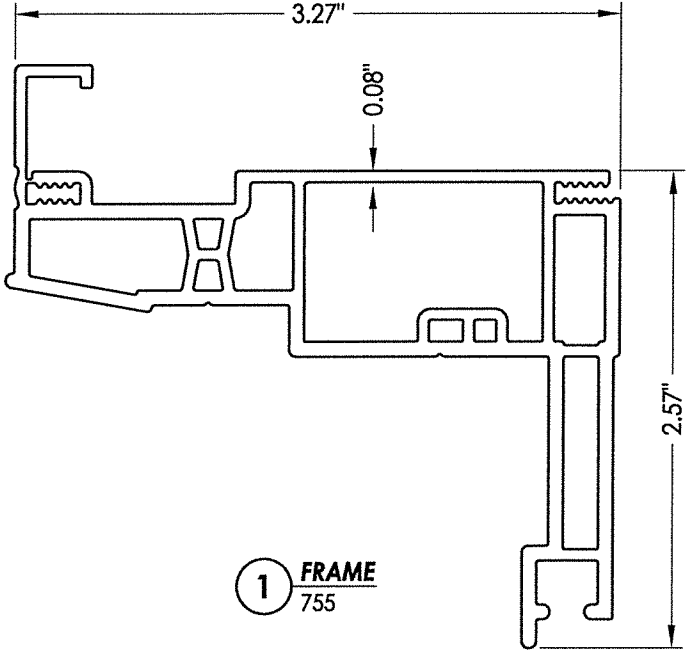
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL

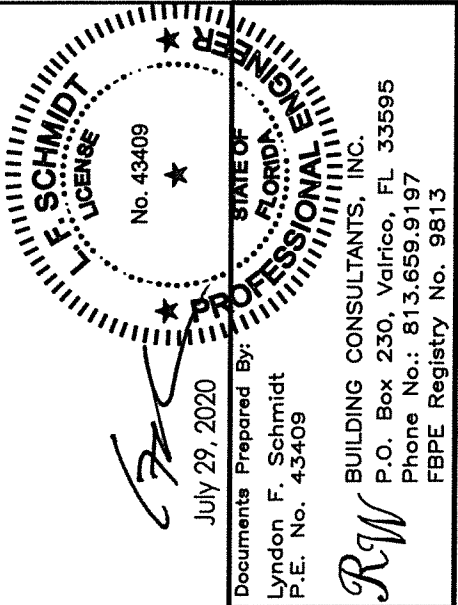


1 FRAME 755



3 GLAZING BEAD 736A

2 SASH 996



July 29, 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

Doers

PRODUCT:

PART OR ASSEMBLY:

BILL OF MATERIALS, GLAZING

DETAIL & COMPONENTS

2 7/29/20 UPDATE TO 7TH ED (2020) FBC LFS

1 10/11/17 UPDATE TO 6TH ED. (2017) FBC LFS

NO. DATE BY

REVISIONS

DATE: 6/28/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-22630.1

SHEET 4 OF 4

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