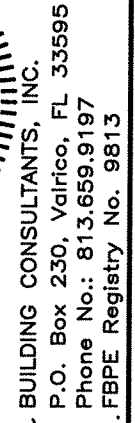


4 **HORIZONTAL CROSS SECTION**
2 Metal Stud Construction

2 HORIZONTAL CROSS SECTION
2 1X Buck Masonry Construction

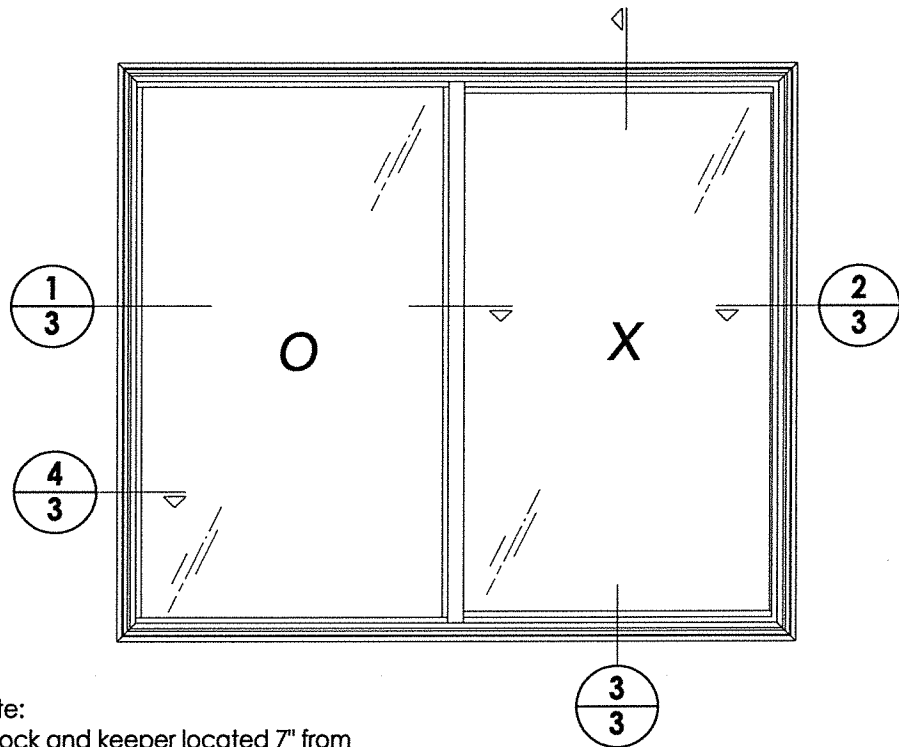
3 **VERTICAL CROSS SECTION**
2 **2X Buck Masonry Construction**

1-1/4" MIN.
 EMB. (TYP.)



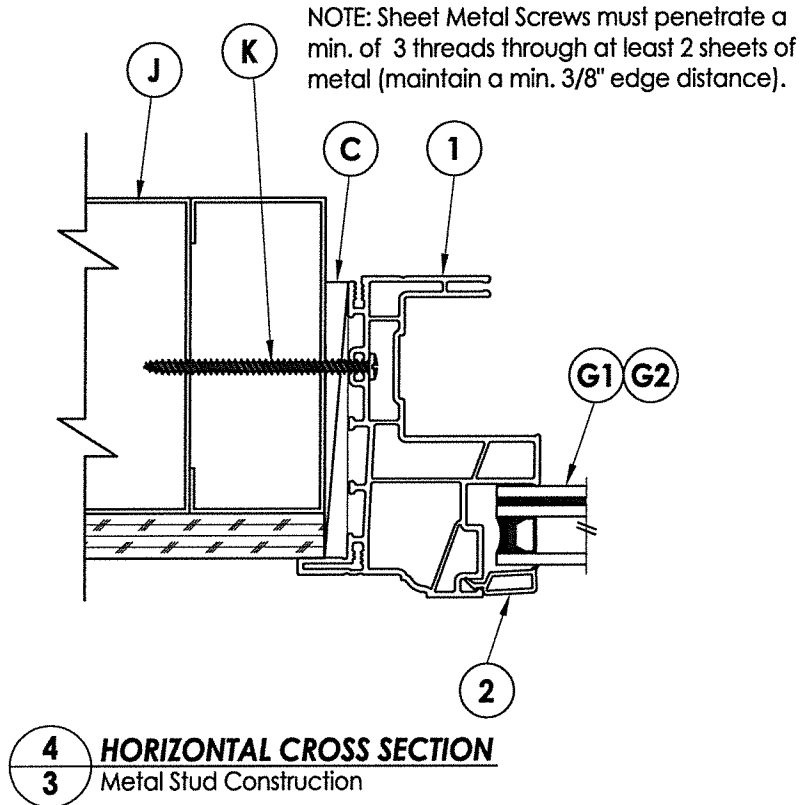
© 2014 R.W. BUILDING CONSULTANTS INC.

\\dc01\vwbc\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-16853 Windows - Horizontal Sliders\C - Drawings\FL-16853 (2020)\FL-16853.6.dwg

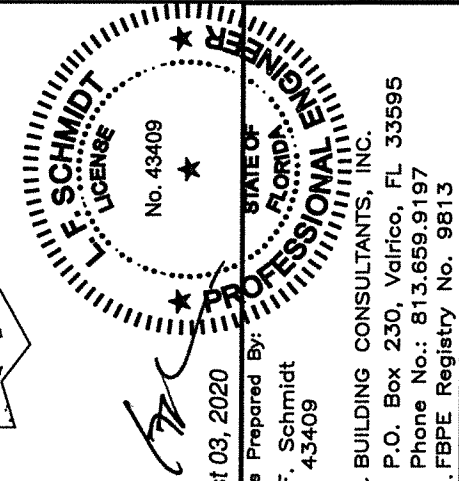
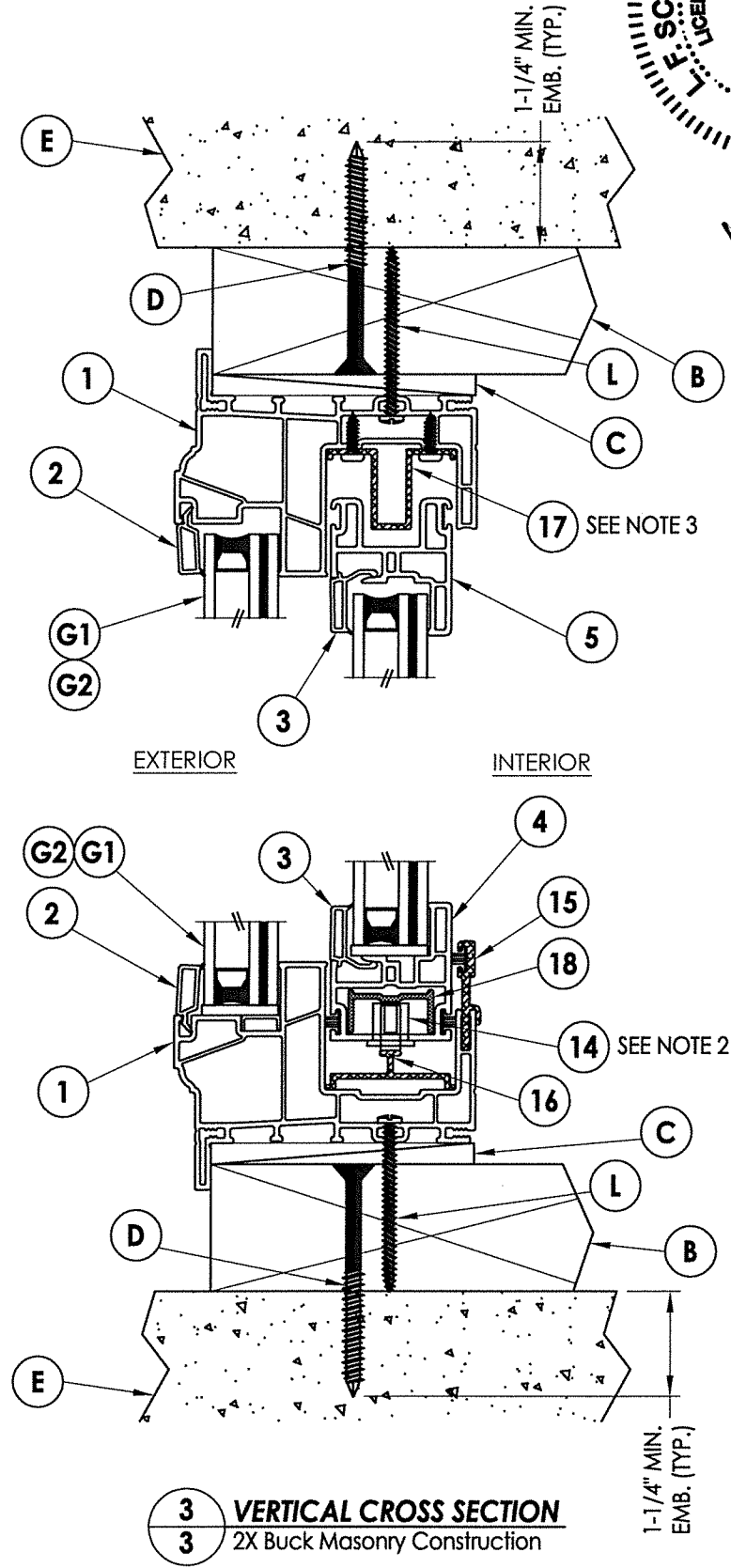
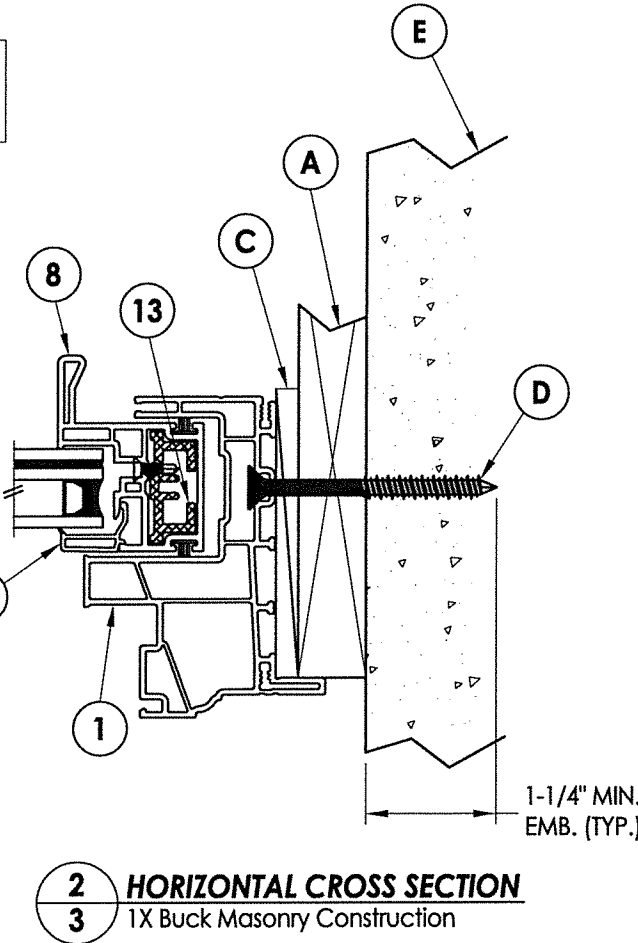
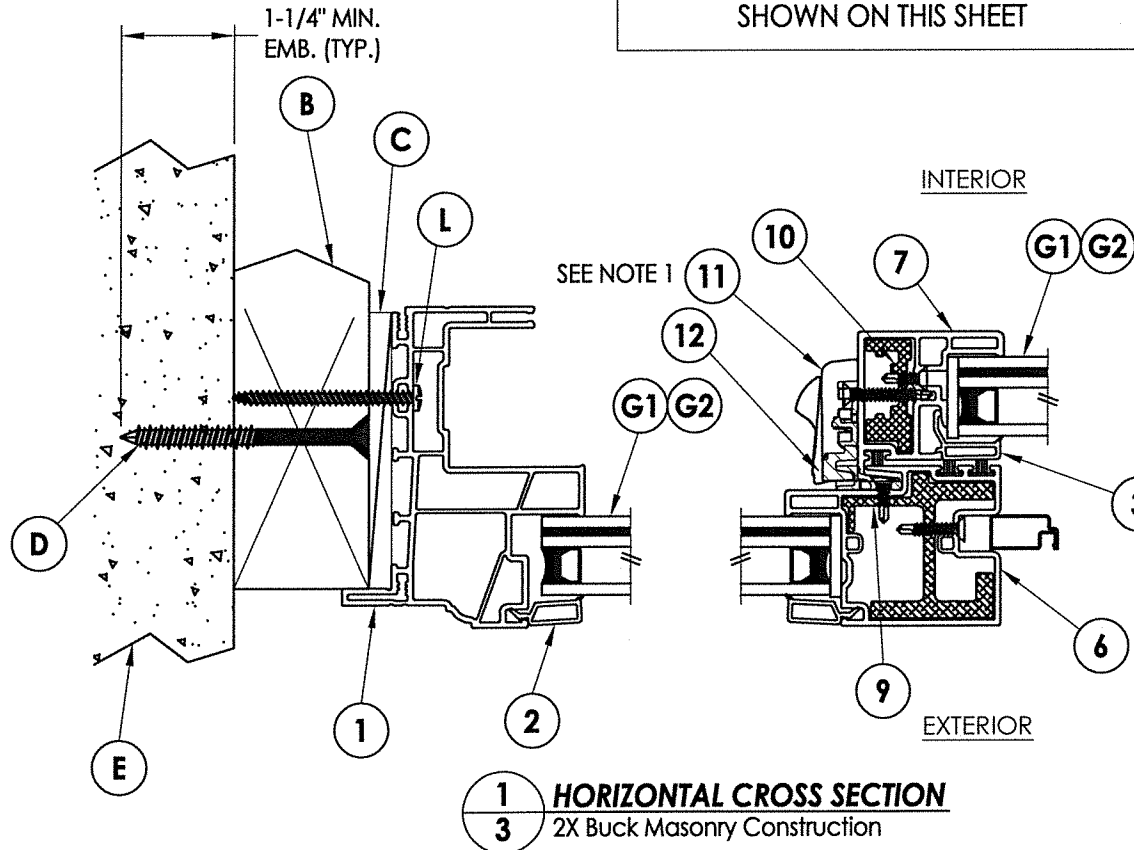


Note:

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



August 03, 2020

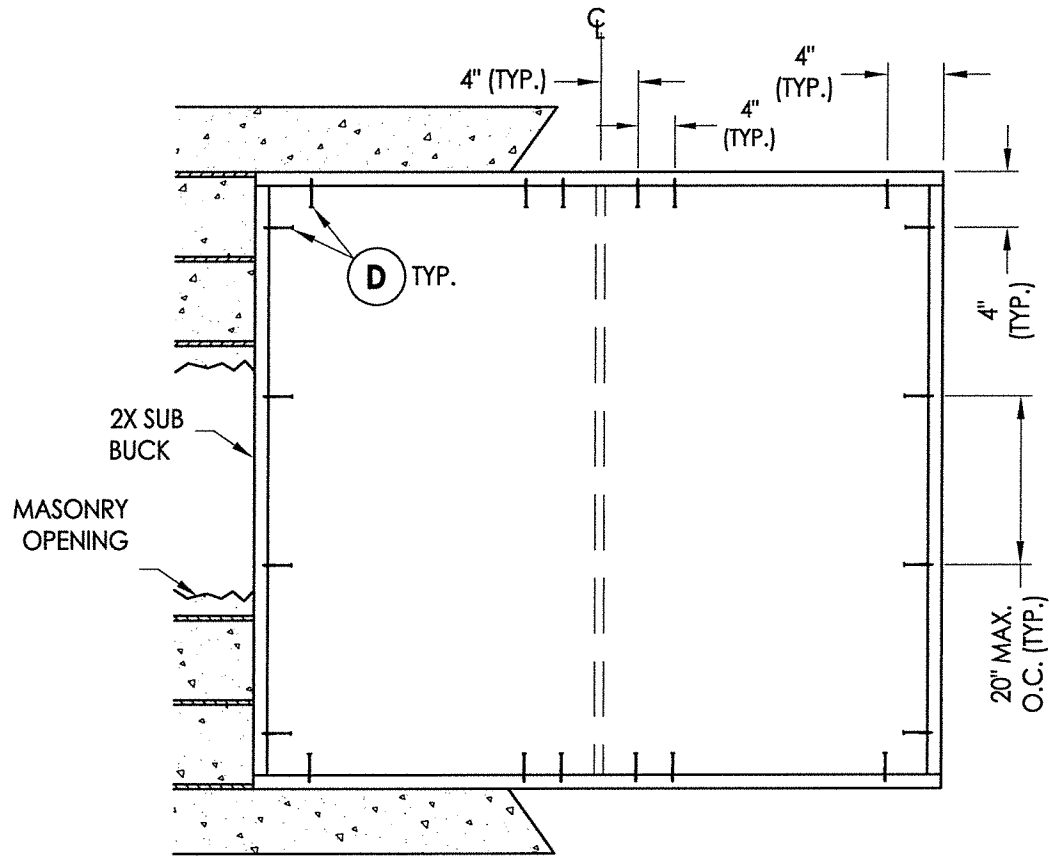
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

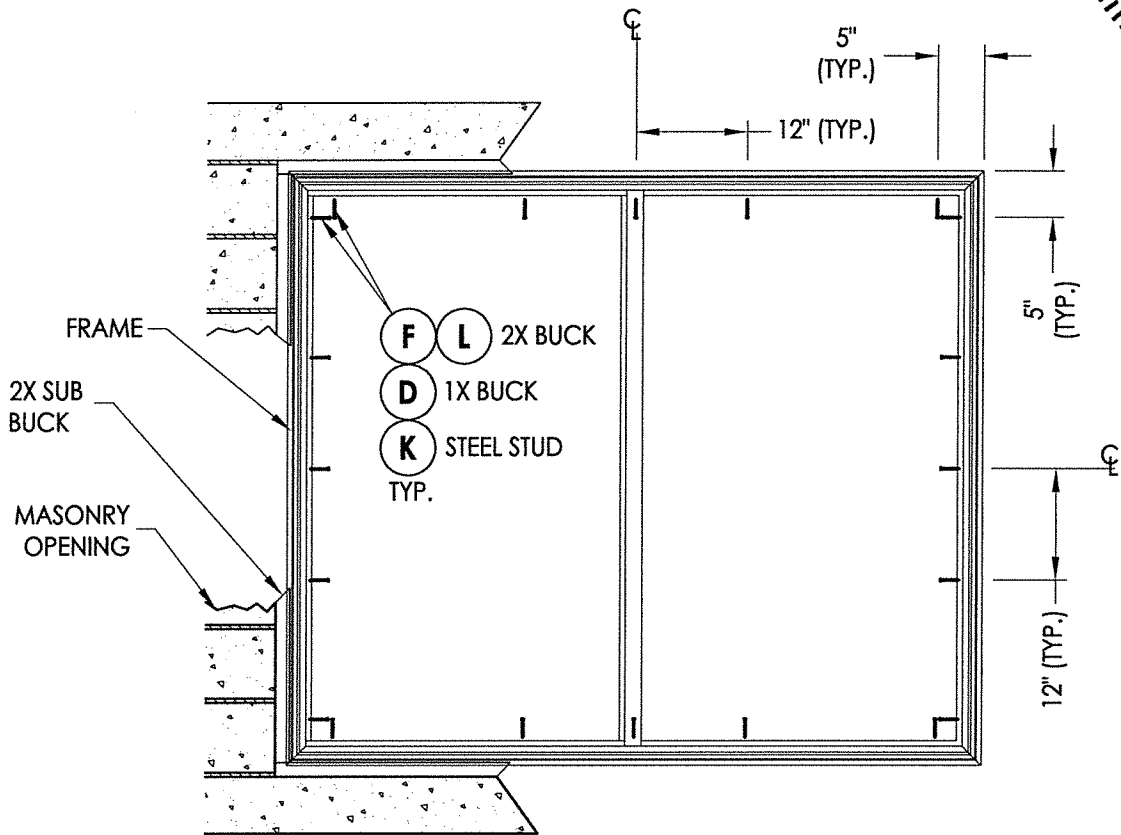
PRODUCT:		PART OR ASSEMBLY:	
Doors		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
5	7/30/20	UPDATE TO 7TH ED. (2020) FBC	DAC
4	9/22/17	UPDATE TO 6TH ED. (2017) FBC	JK
3	9/26/16	ADDED ALT. ANCHOR LOCATION LFS	LFS
2	12/17/15	REVISE MODEL NAME/ADD GLAZING JK	JK
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC	LFS

DATE: 2/19/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16853.6
SHEET 3 OF 6

R:\Clients\Doers PERMANENT\A - Florida Product Approvals\EL-16853 Windows - Horizontal Sliders\C - Drawings\EL-16853 (2020)\FL-16853.6.dwg, 4.6



2X BUCK ANCHORING



FRAME ANCHORING

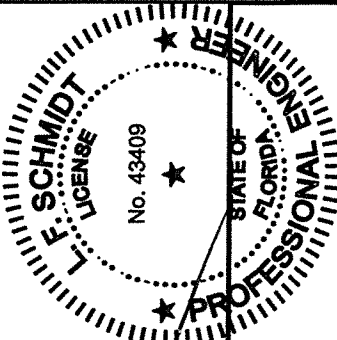
CONCRETE ANCHOR NOTES:

- 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"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

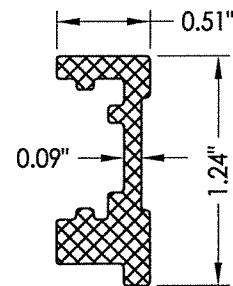
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



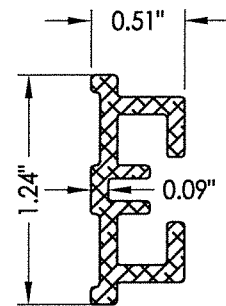
August 03, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		Doers	
PART OR ASSEMBLY:		BUCK & FRAME ANCHORING	
5	7/30/20	UPDATE TO 7TH ED. (2020)	DAC
4	9/22/17	UPDATE TO 6TH ED. (2017)	JK
3	9/26/16	ADDED ALT. ANCHOR LOCATION	LFS
2	12/17/15	REVISE MODEL NAME/ADD GLAZING	JK
1	6/25/15	UPDATE TO 5TH ED. (2014)	LFS
NO.	DATE		BY
REVISIONS			
DATE: 2/19/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16853.6			
SHEET 4 OF 6			

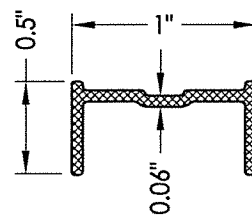
9 MEETING STILE REINFORCEMENT



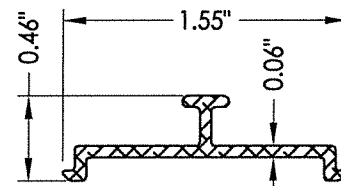
10 LOCK STILE REINFORCEMENT



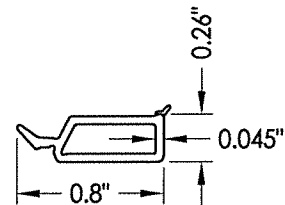
13 HANDLE STILE REINFORCEMENT



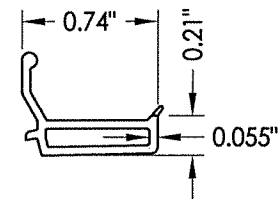
18 BOTTOM RAIL REINFORCEMENT



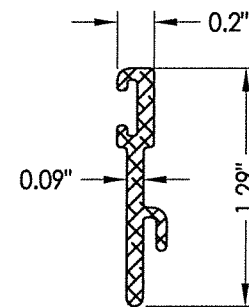
16 ROLLER TRACK



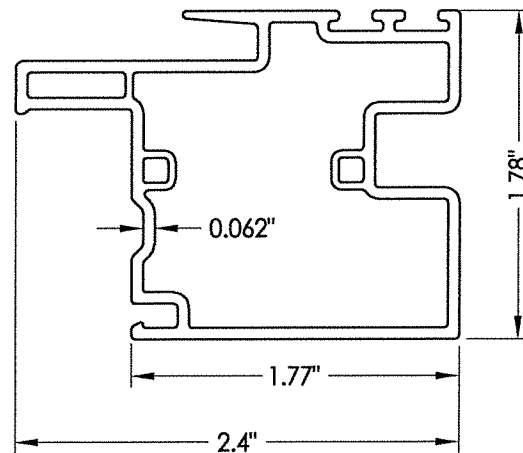
2 GLAZING BEAD



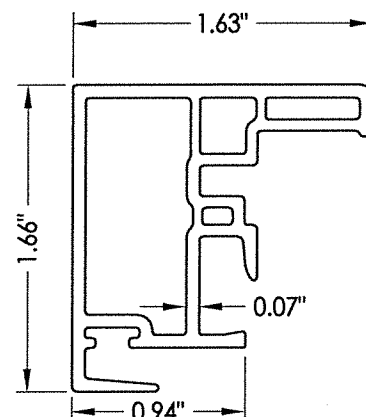
3 GLAZING BEAD



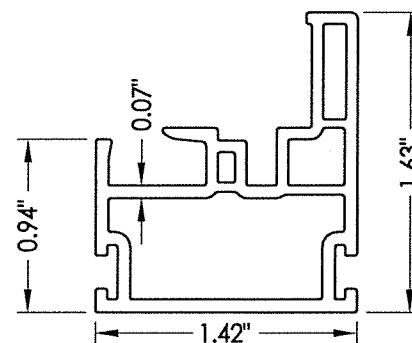
15 SILL RISER



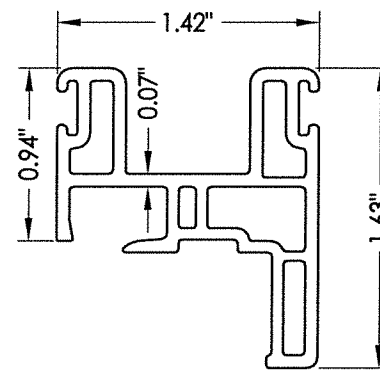
6 MEETING STILE



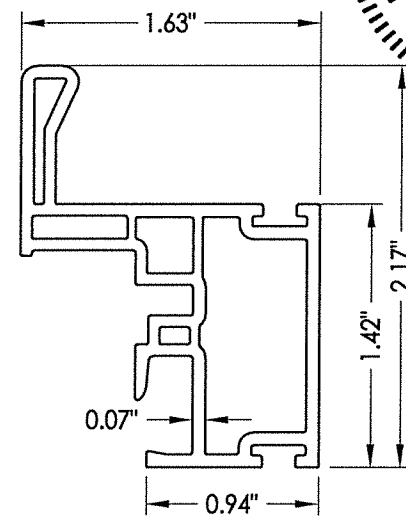
7 LOCK STILE



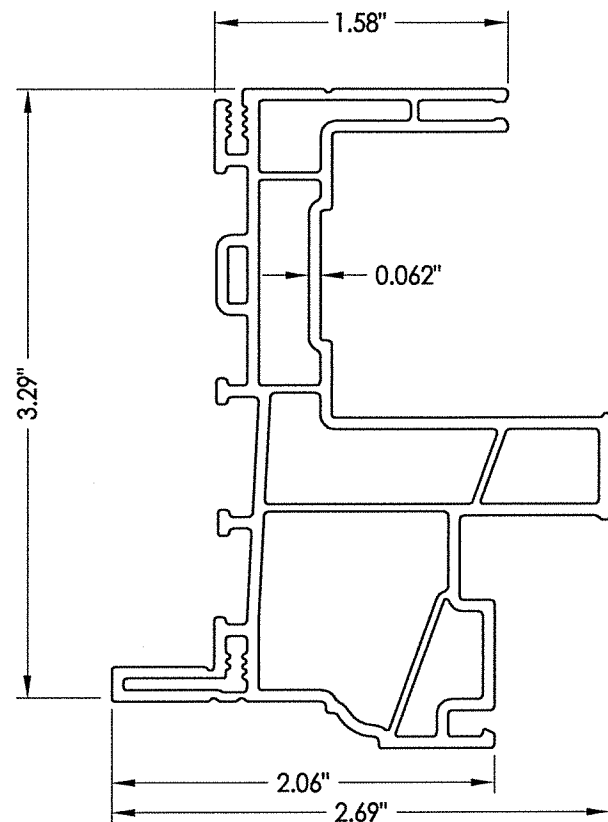
4 BOTTOM RAIL



5 TOP RAIL



8 HANDLE STILE

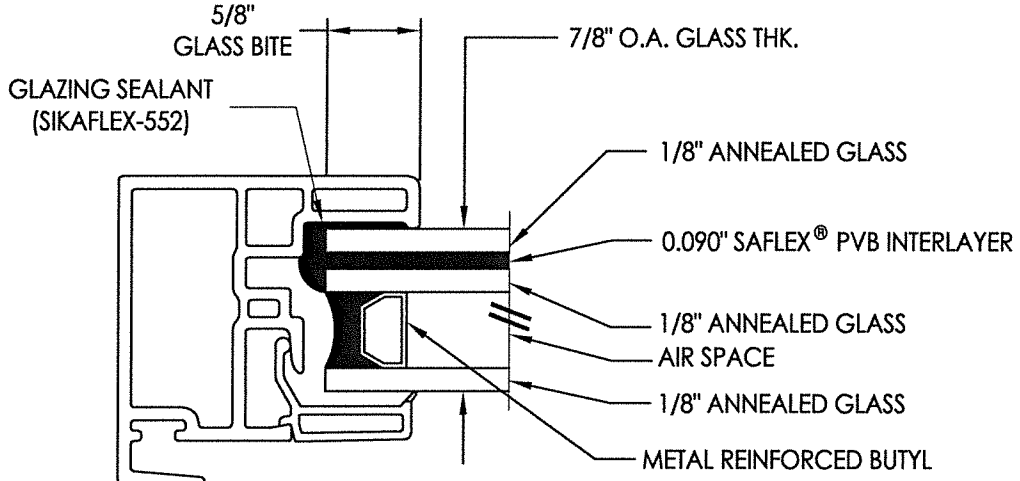


1 FRAME

					<i>[Signature]</i> August 03, 2020	Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	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			
			REVISIONS					
DATE: 2/19/14								
SCALE: N.T.S.								
DWG. BY: JK								
CHK. BY: LFS								
DRAWING NO.: FL-16853.6								
SHEET 5 OF 6								

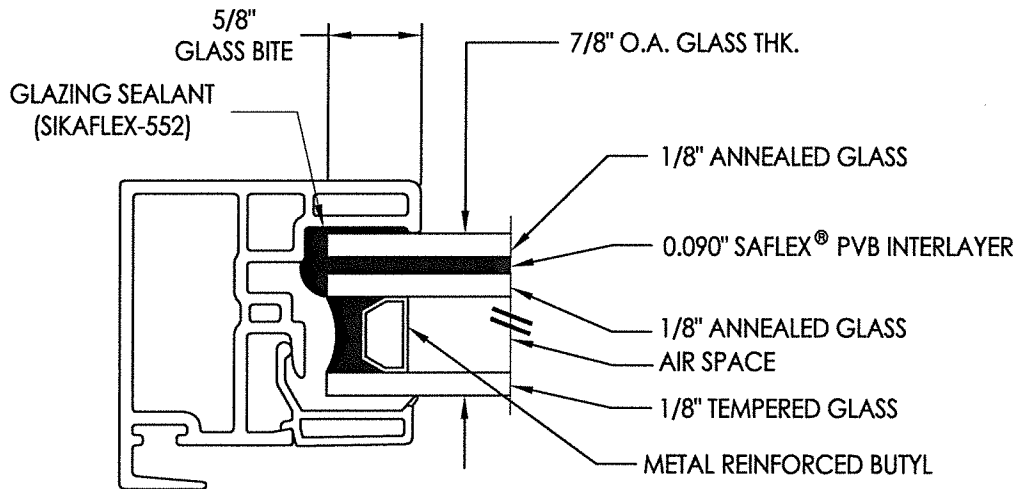
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	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 EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".

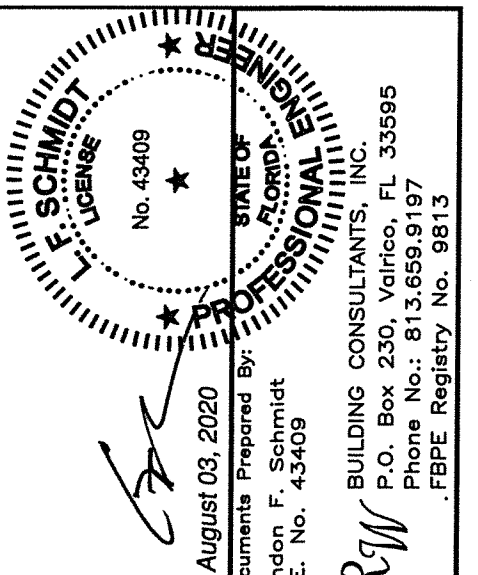


Not approved for use above 30 feet in the "HVHZ".

G1 GLAZING DETAIL



G2 GLAZING DETAIL



August 03, 2020

Documents Prepared By
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P.E. No. 43409

BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:

Doers

PART OR ASSEMBLY:

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NO.	DATE	REVISIONS		

DATE: 2/19/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-16853.6

SHEET 6 OF 6