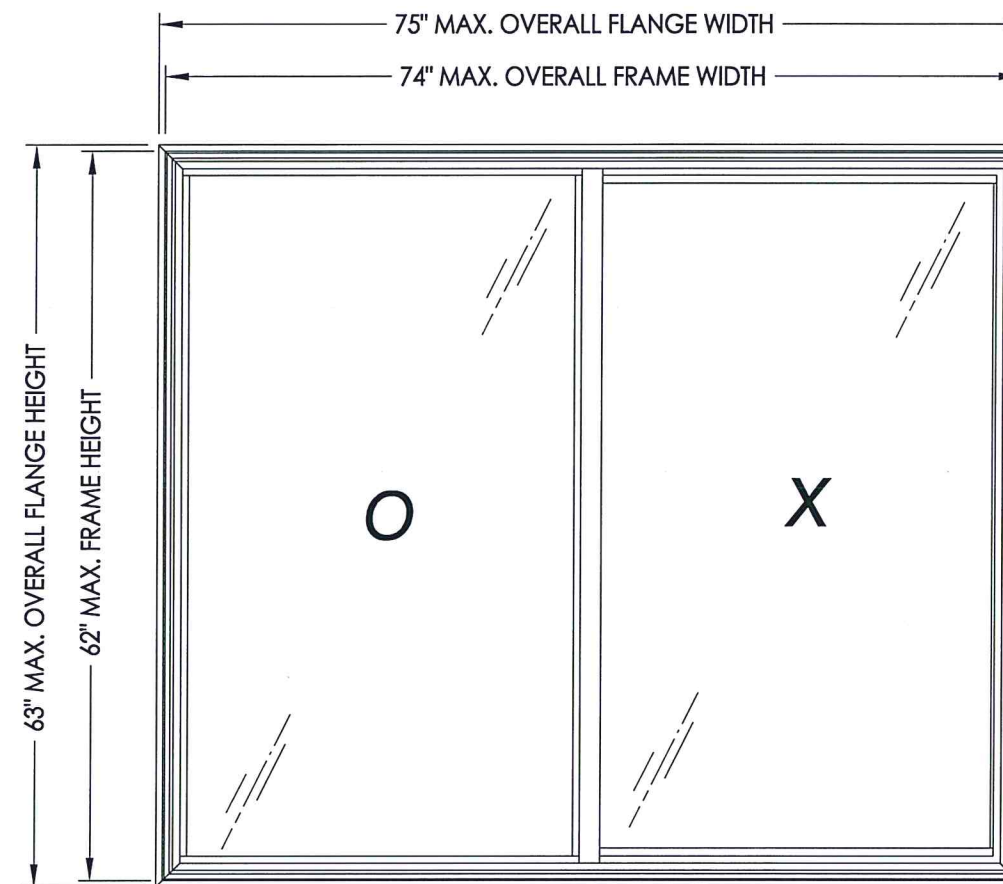




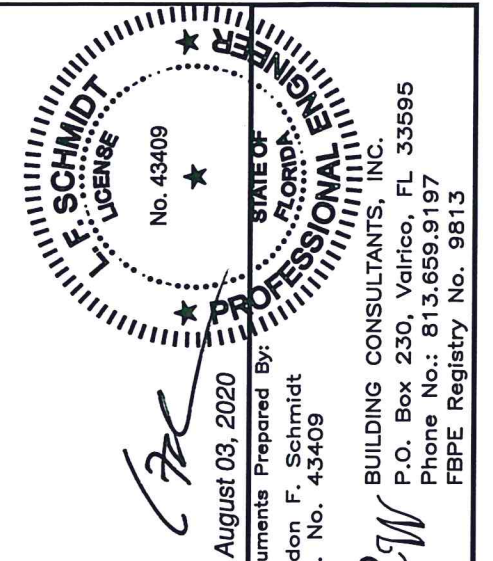
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials and glazing details



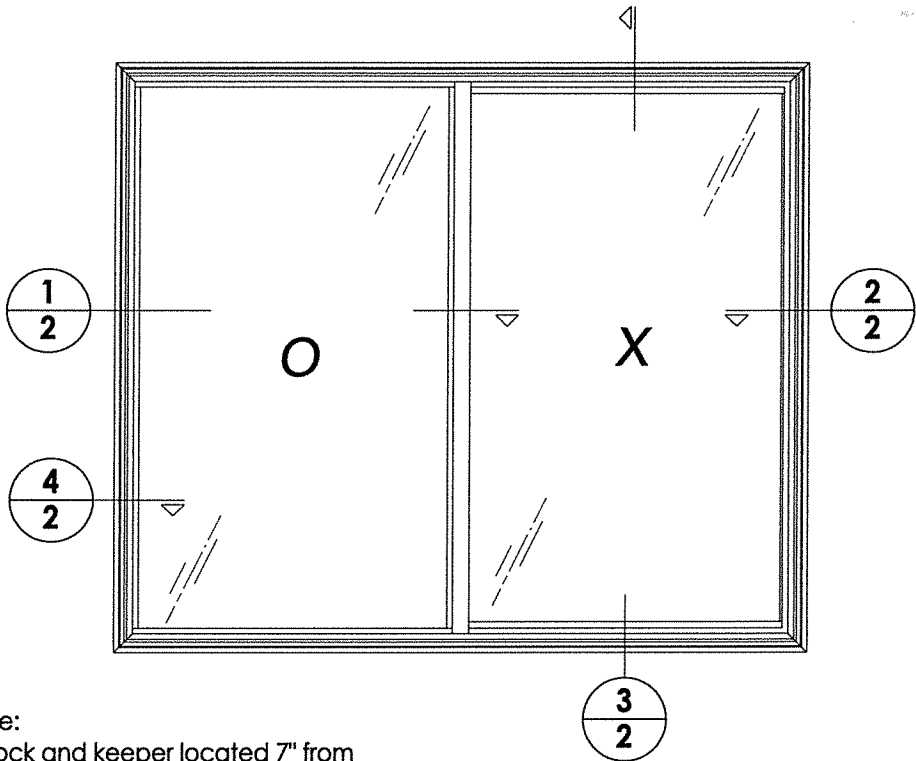
MAX. OVERALL FLANGE DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
75.0" X 63.0"	74.0" X 62.0"	33.5" X 56.31"	33.5" X 57.75"	G1	+45.0	-45.0
				G2	+55.0	-60.0
61.0" X 61.0"	60.0" X 60.0"	26.5" X 54.31"	26.5" X 55.75"	G1	+50.0	-50.0



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

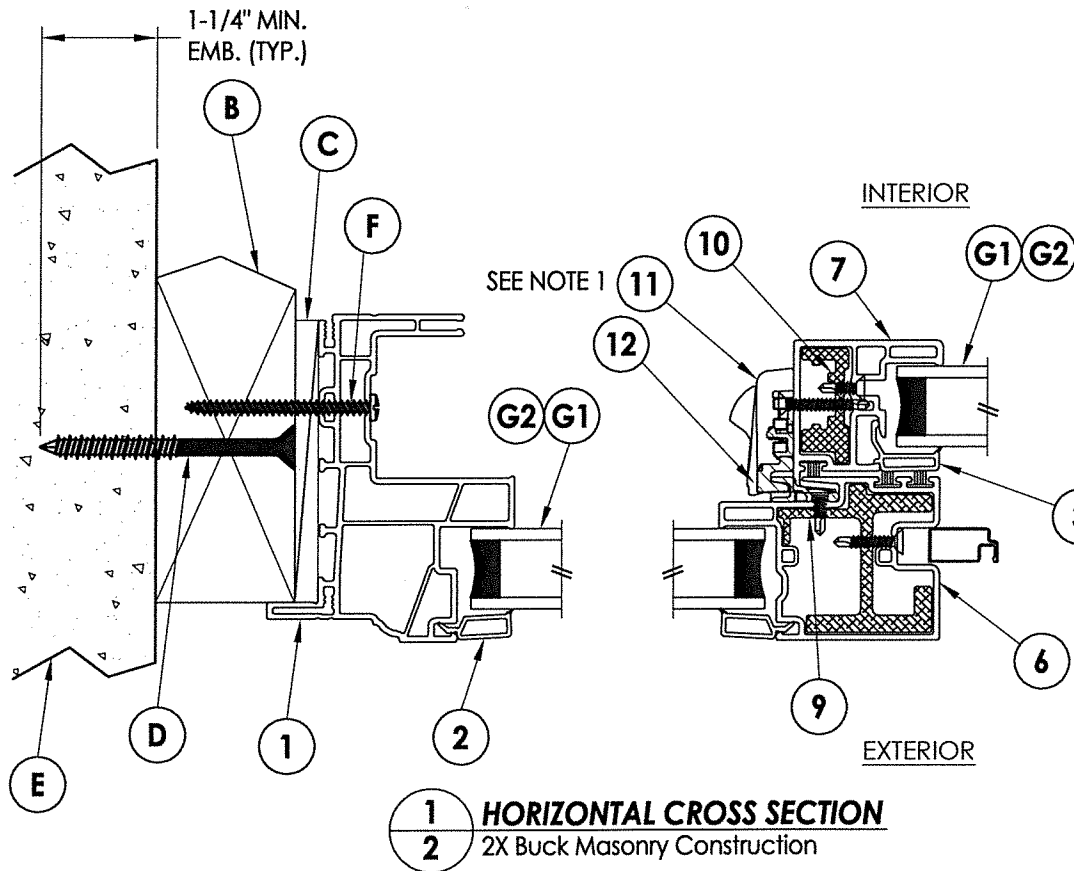
BUILDING CODE
RW
P.O. Box 23
Phone No.:
FBPE Register

[illegible]



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.

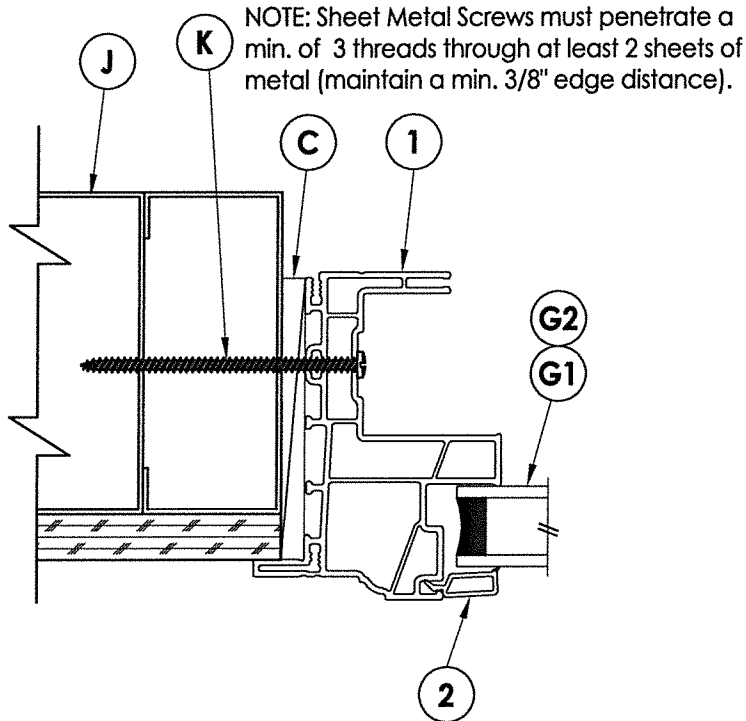


1
2 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction

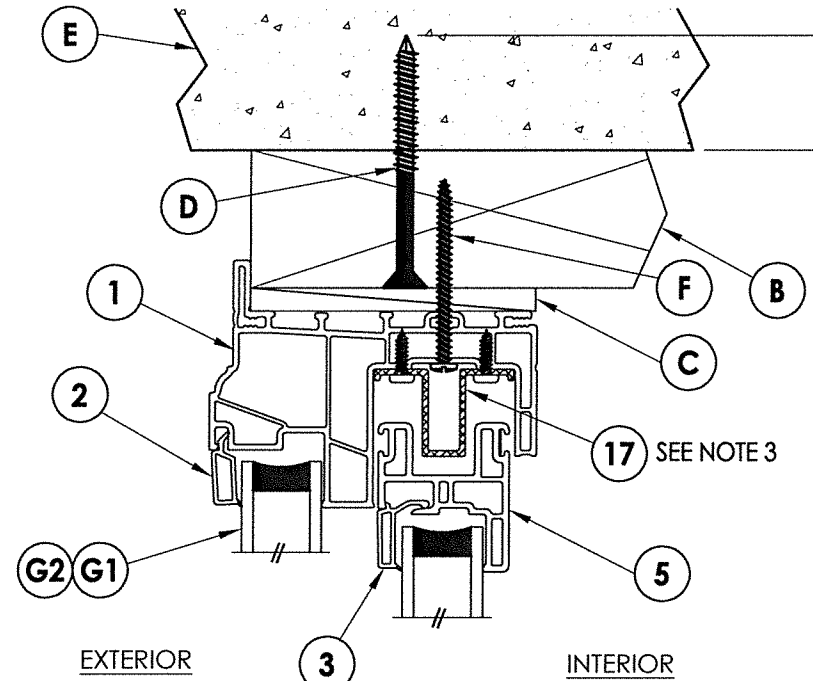
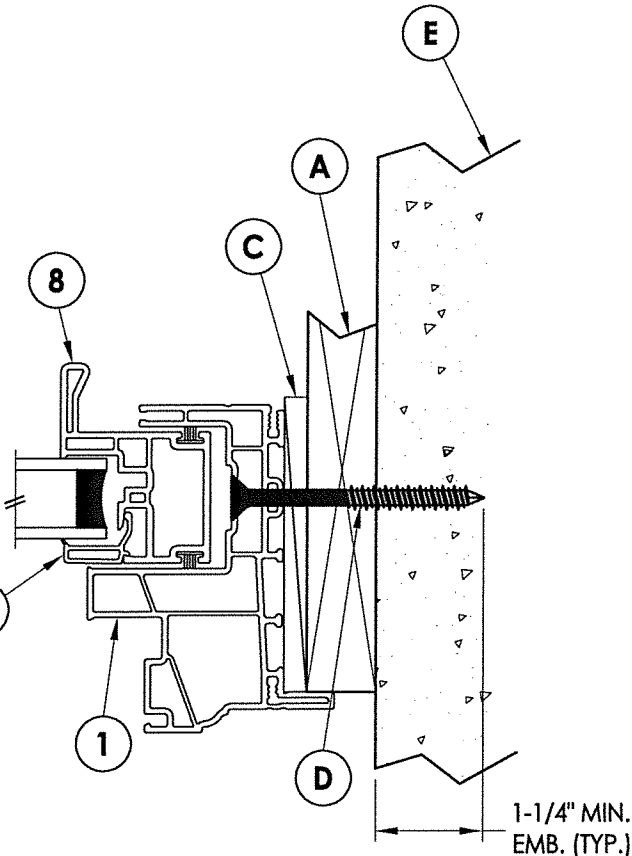
INTERIOR

EXTERIOR

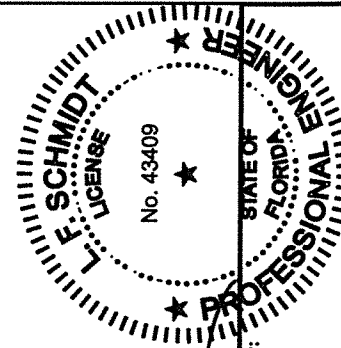
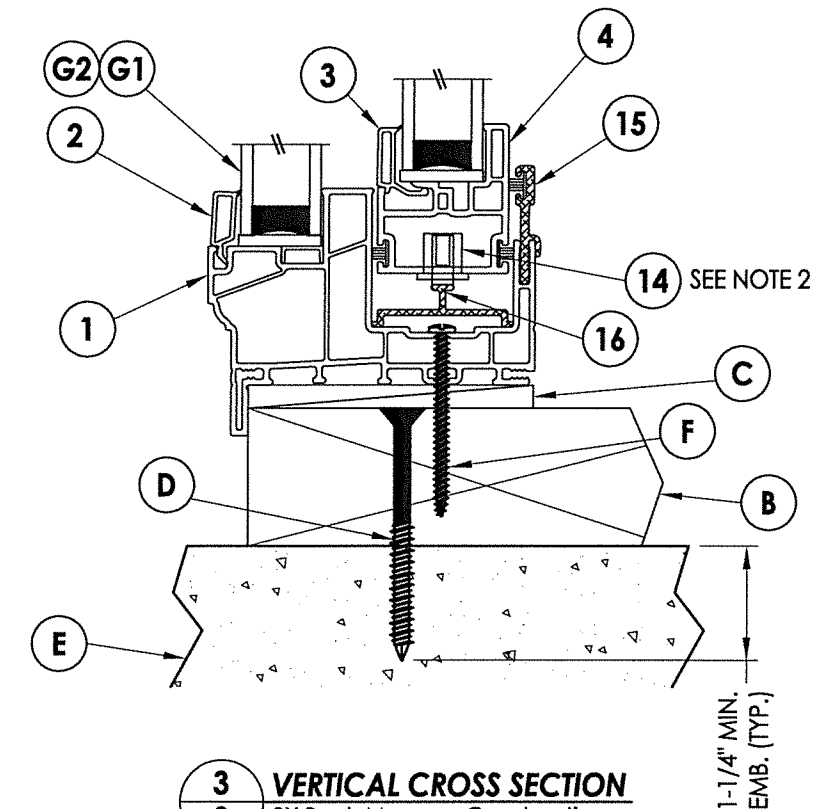
4
2 HORIZONTAL CROSS SECTION
Metal Stud Construction



2
2 HORIZONTAL CROSS SECTION
1X Buck Masonry Construction

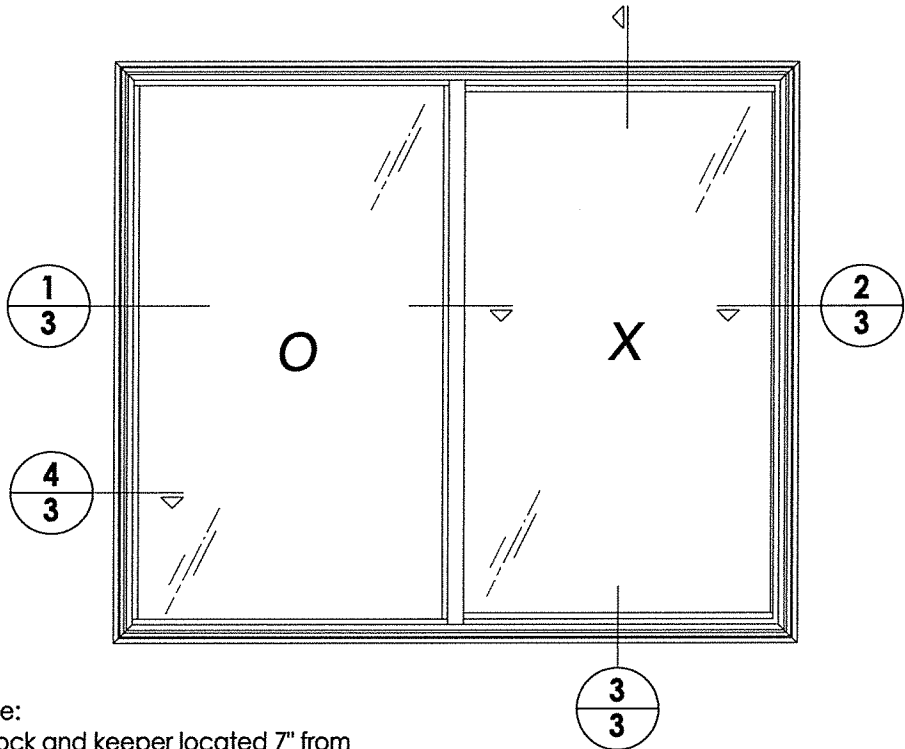


3
2 VERTICAL CROSS SECTION
2X Buck Masonry Construction

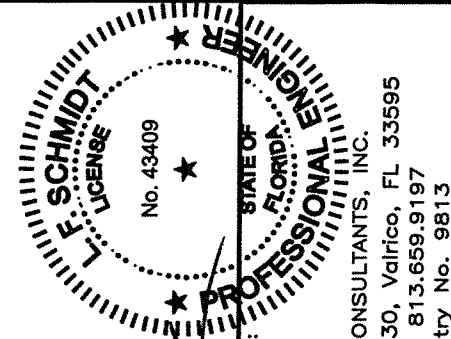
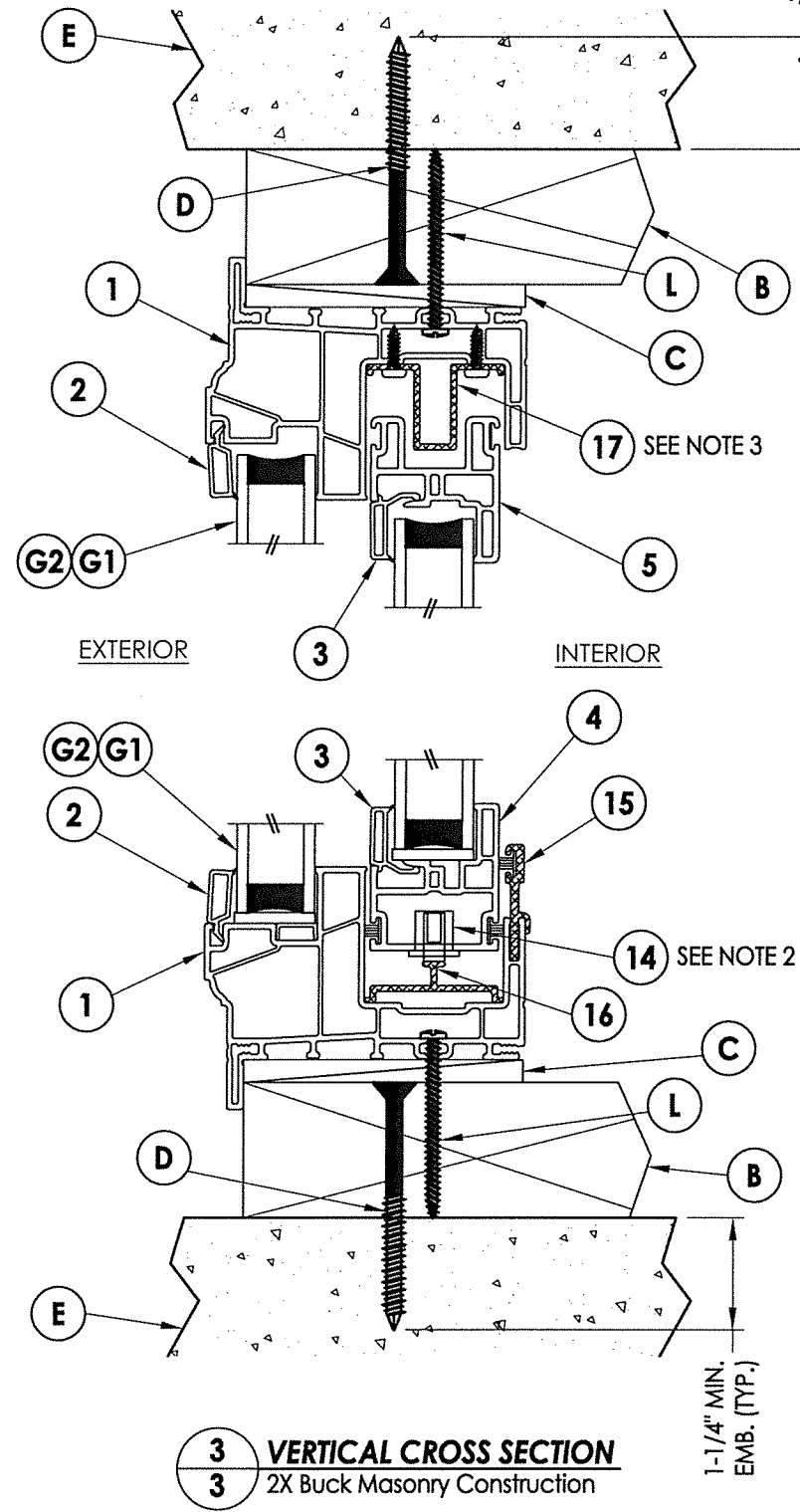
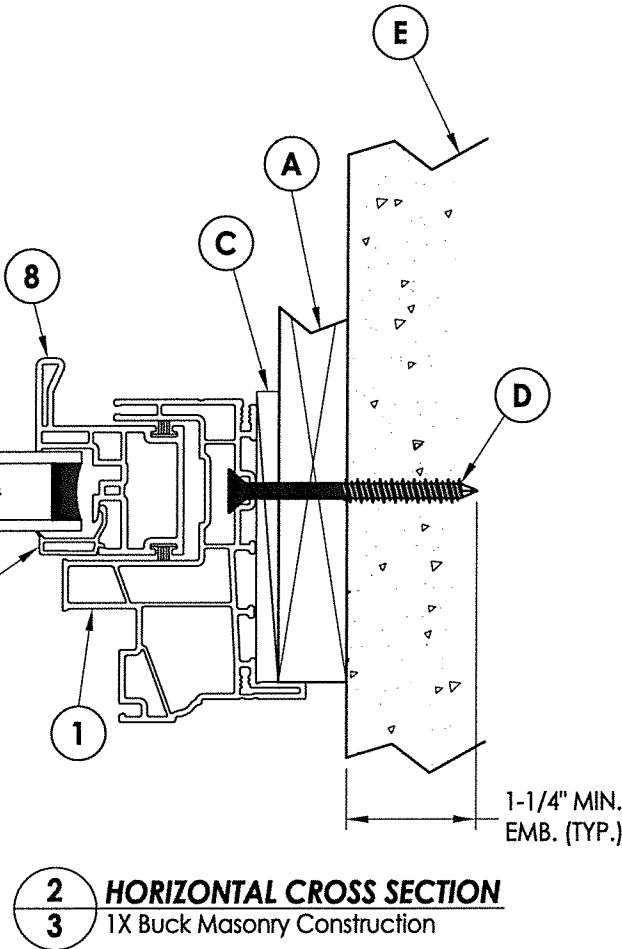
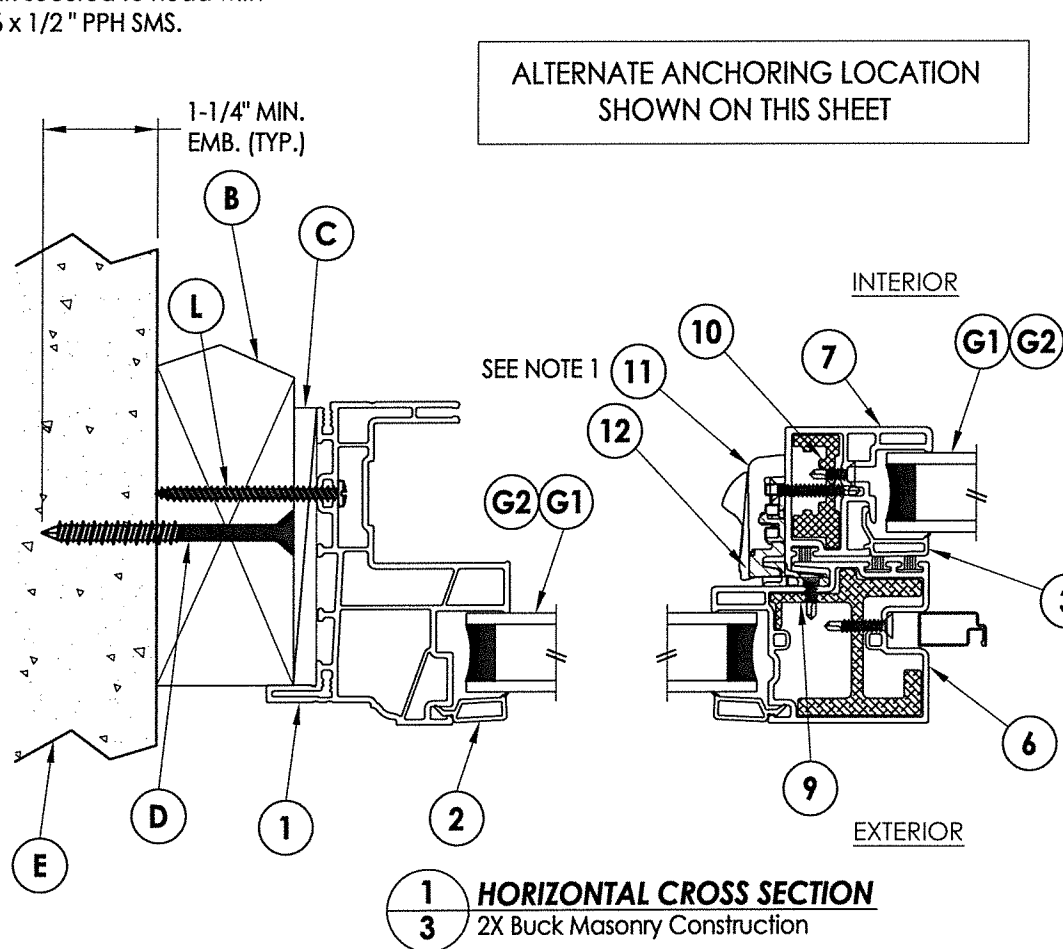
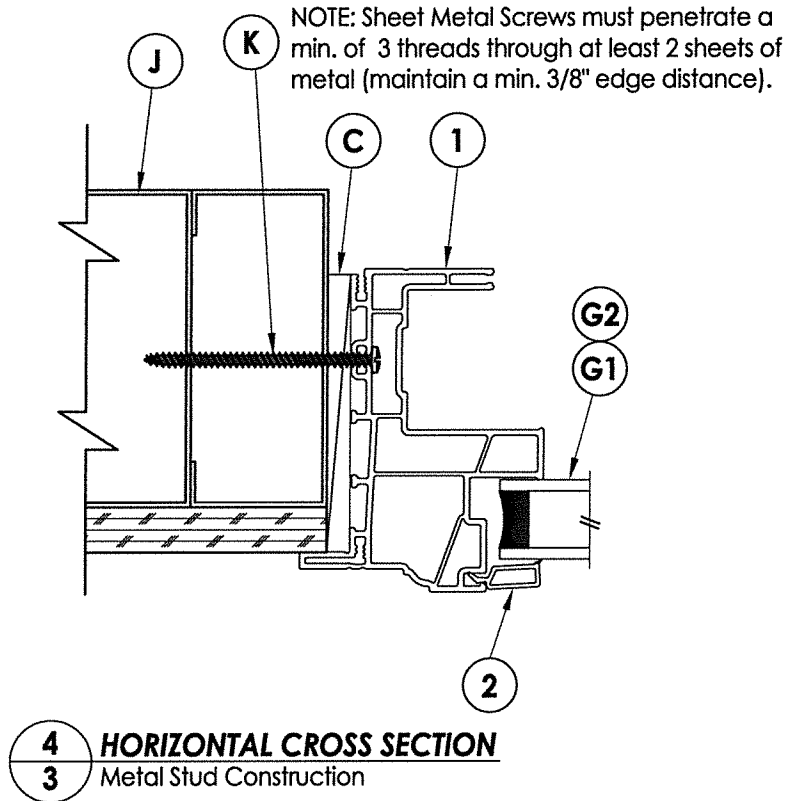


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 4-3409
August 03, 2020
1722
1-1/4\"/>

PRODUCT: Doers		PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS	
DATE	NO.	DATE	NO.
7/30/20	4	7/30/20	4
9/22/17	3	9/22/17	3
9/26/16	2	9/26/16	2
6/25/15	1	6/25/15	1
DATE	NO.	DATE	NO.
2/19/14	1	2/19/14	1
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16853.2			
SHEET 2 OF 6			



- 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.



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

August 03, 2020

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

PRODUCT: Doors

PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
4	7/30/20	UPDATE TO 7TH ED. (2020) FBC
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC
2	9/26/16	ADDED ALT. ANCHOR LOCATION
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 2/19/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-16853.2

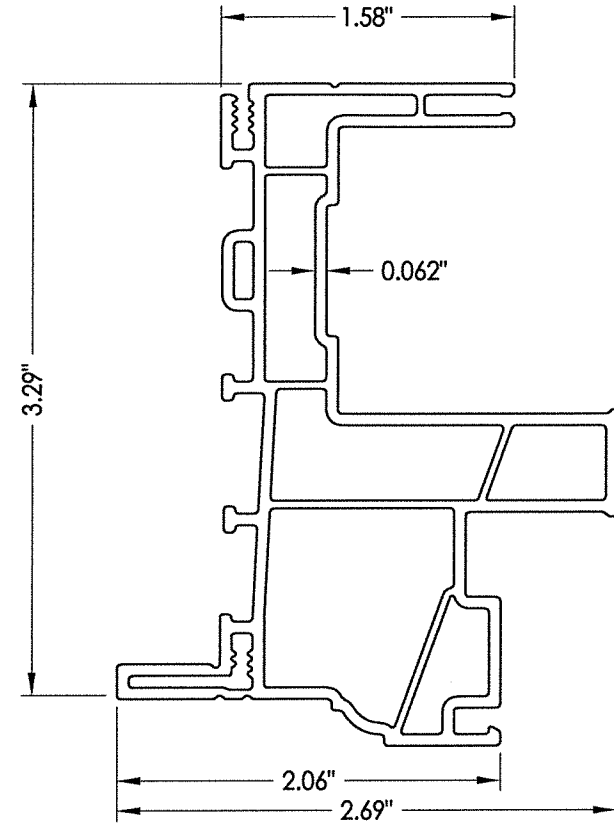
SHEET 3 OF 6

Technical drawing of a window frame assembly. The drawing includes a cross-section view on the left and an elevation view on the right.

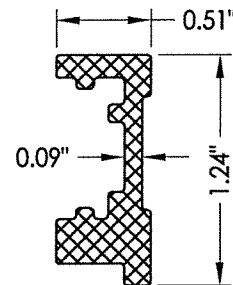
Labels and Dimensions:

- Cross-section (Left):**
 - MASONRY OPENING:** The opening in the masonry wall.
 - 2X SUB BUCK:** The sub-buck supporting the frame.
 - FRAME:** The window frame assembly.
 - Legend:**
 - F** 2X BUCK
 - D** 1X BUCK
 - K** STEEL STUD
 - TYP.** (Typical)
- Elevation (Right):**
 - 4" (TYP.):** Dimension from the centerline to the edge of the frame.
 - 5" (TYP.):** Dimension from the centerline to the edge of the frame.
 - 4" (TYP.):** Dimension from the centerline to the edge of the frame.
 - 5" (TYP.):** Dimension from the centerline to the edge of the frame.
 - 12" (TYP.):** Dimension from the centerline to the edge of the frame.

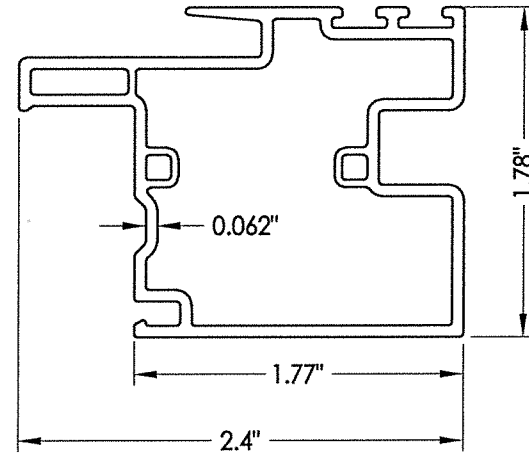
© 2014 R.W. BUILDING CONSULTANTS INC.



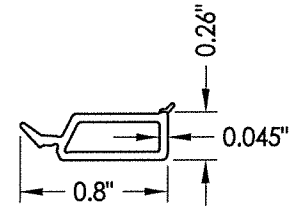
1 FRAME



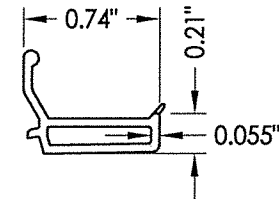
10 LOCK STILE REINFORCEMENT



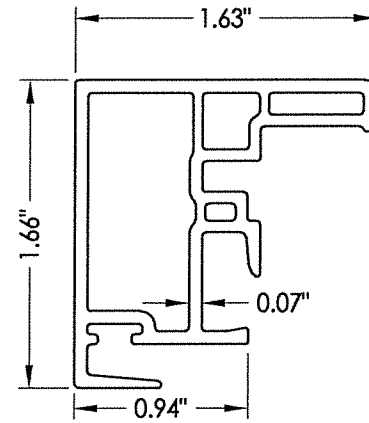
6 MEETING STILE



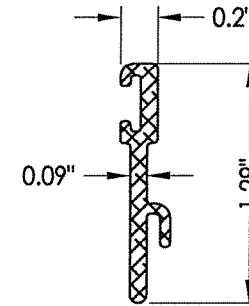
2 GLAZING BEAD



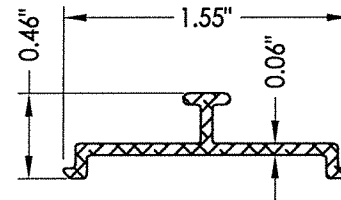
3 GLAZING BEAD



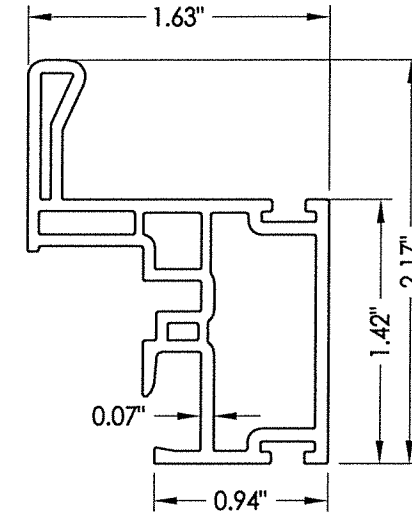
7 LOCK STILE



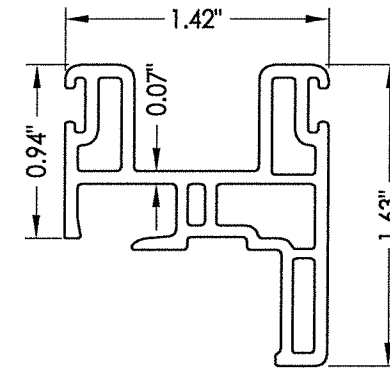
15 SILL RISER



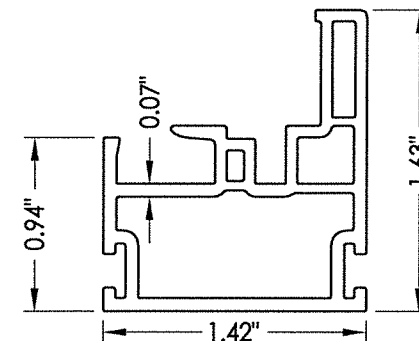
16 ROLLER TRACK



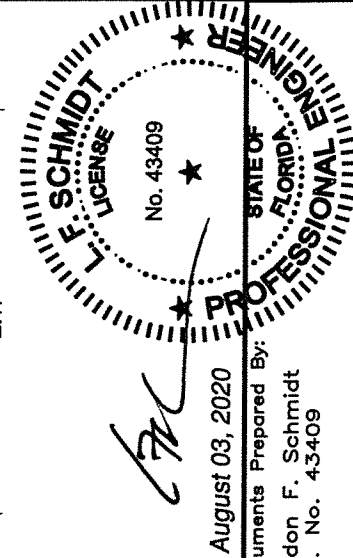
8 HANDLE STILE



5 TOP RAIL



4 BOTTOM RAIL



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

DATE: 2/19/14		PRODUCT:		Doers
SCALE: N.T.S.				
DWG. BY: JK				PART OR ASSEMBLY:
CHK. BY: LFS				
DRAWING NO.: FL-16853.2				
SHEET 5 OF 6				
				COMPONENTS
				REVISIONS
				BY
				LFS
				LFS
				DAC
				JK
				FBC
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.42)	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	#8 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	-
14	ROLLER (TRUTH #2433-1000)	-
15	SILL RISER	6063 - T5 ALUM
16	ROLLER TRACK	6063 - T5 ALUM
17	ANTI-LIFT ALUMINUM	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".

