

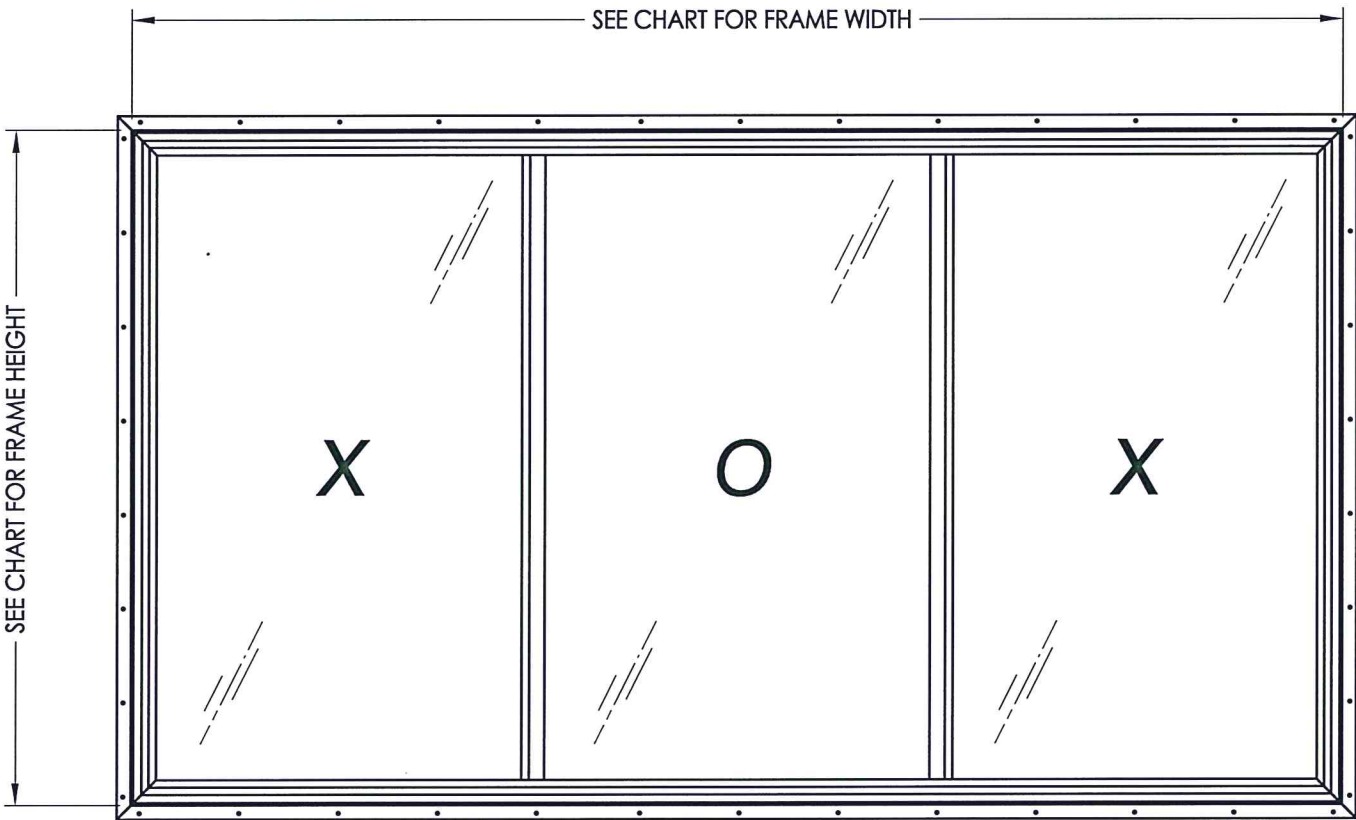
R:\Clients\Associated PERMANENTVA - Florida Product Approvals\FL-26521 Windows - Horizontal Slider (CM)\C - Drawings\FL-26521.2-3.dwg, FL-26521.3

SERIES 1700 MODEL 1709
HORIZONTAL SLIDER
w/ NAILING FIN
"NON-IMPACT"

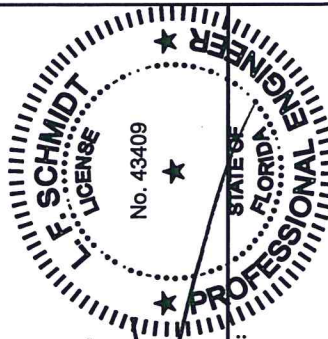
GENERAL NOTES

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). See the Certification Agency Certificate for sizes, specifications and ratings.
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. 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	Bill of materials, glazing details and components



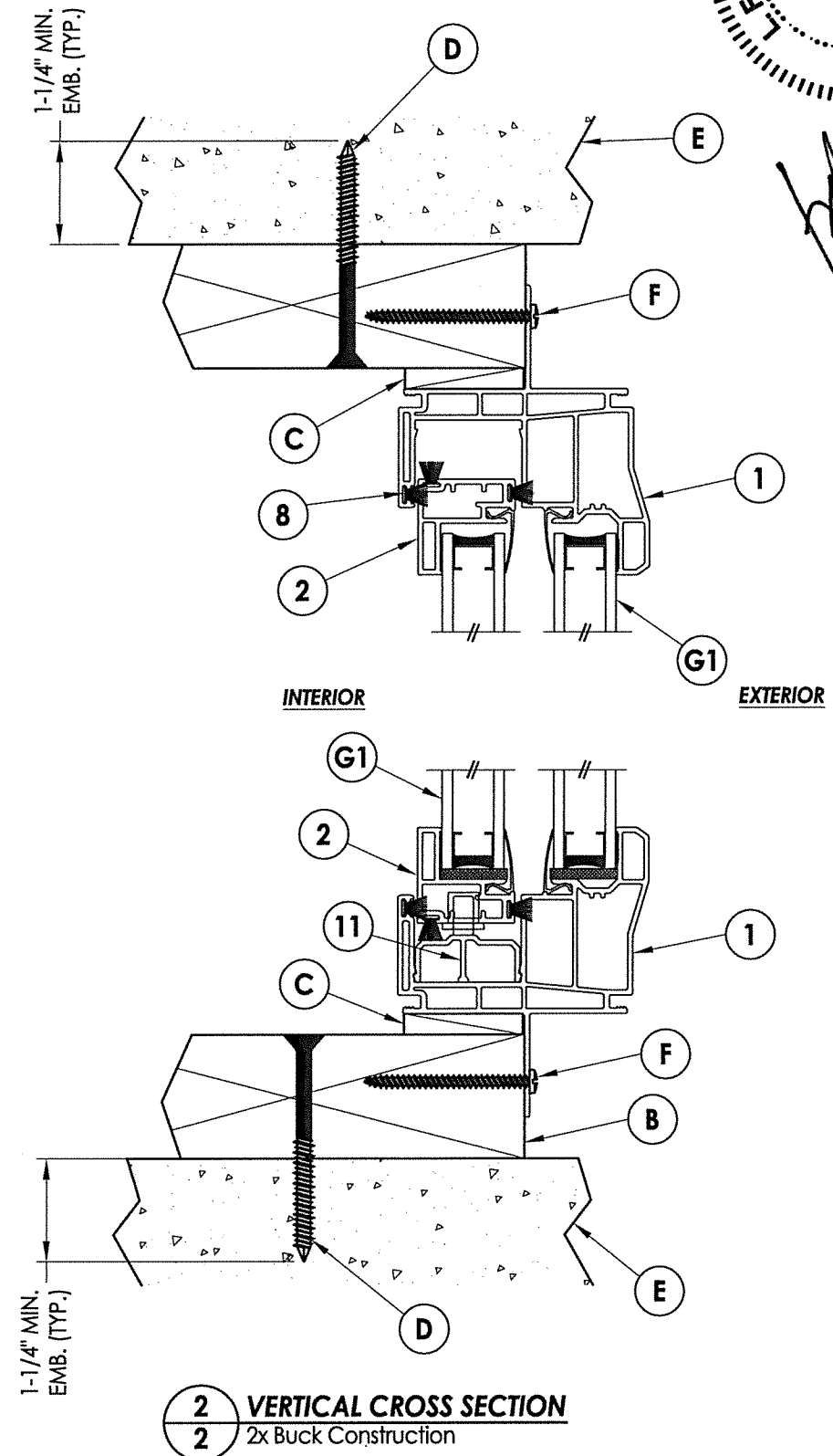
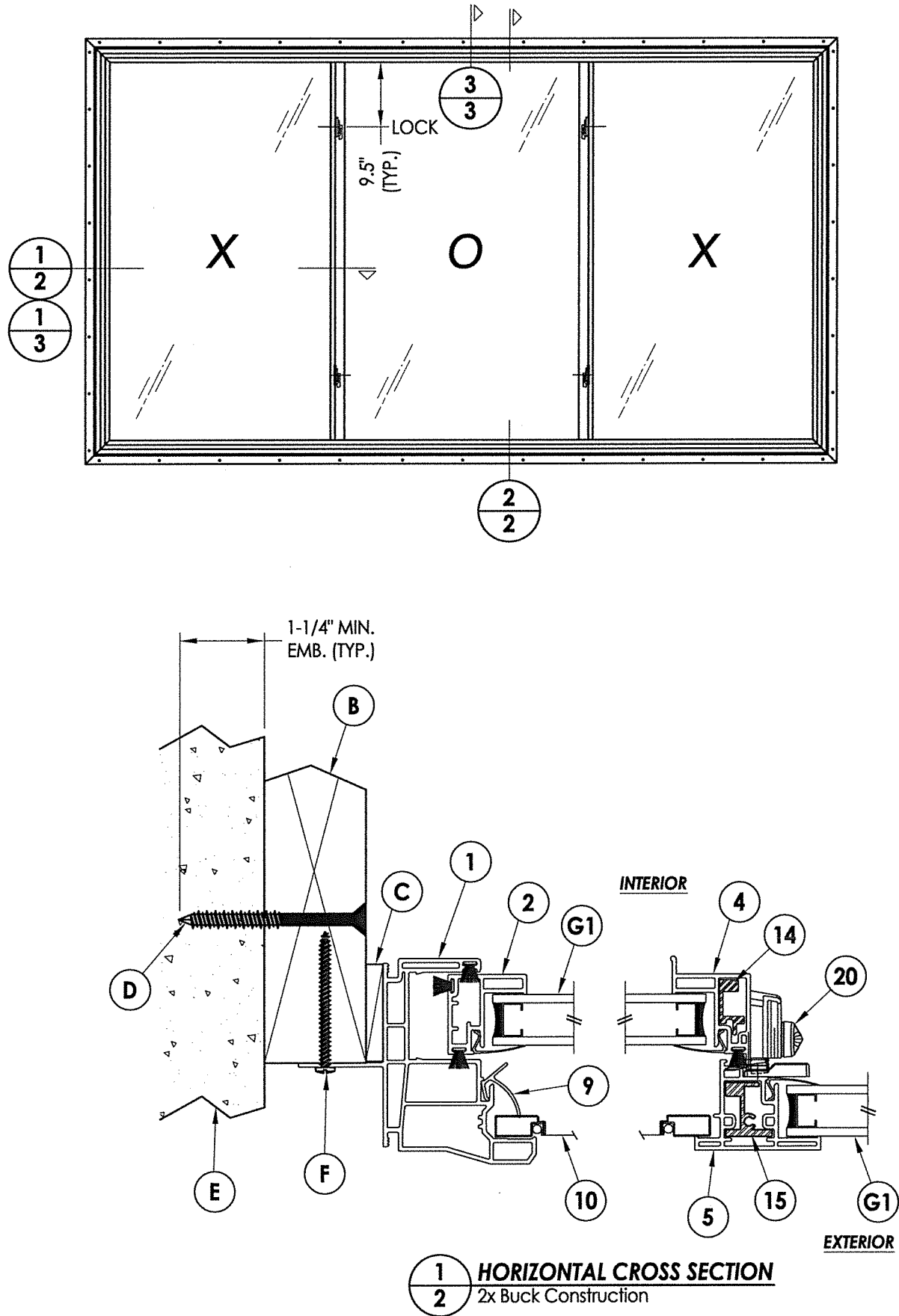
OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
122.5" x 50.5"	120.0" x 48.0"	(O) 37.125" x 43.5"	(X) 37.25" x 43.5"	G1	+20.0	-20.0
110.5" x 62.5"	108.0" x 60.0"	(O) 33.25" x 55.5"	(X) 33.25" x 55.5"		+20.0	-20.0
98.5" x 74.5"	96.0" x 72.0"	(O) 29.25" x 67.5"	(X) 29.25" x 67.5"		+15.0	-15.0



September 30, 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: HORIZONTAL SLIDER		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		LFS	BY
		FBC	
		UPDATE TO 7TH ED. (2020)	
		ADD ADDITIONAL FRAME SIZE	
		NO.	DATE
		2	9/30/20
		1	6/04/18
REVISIONS			
DATE: 3/12/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26521.3			
SHEET 1 OF 5			



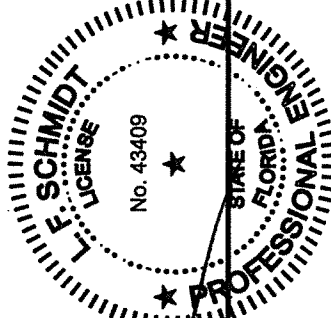
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September 30, 2020

Documents Prepared By:

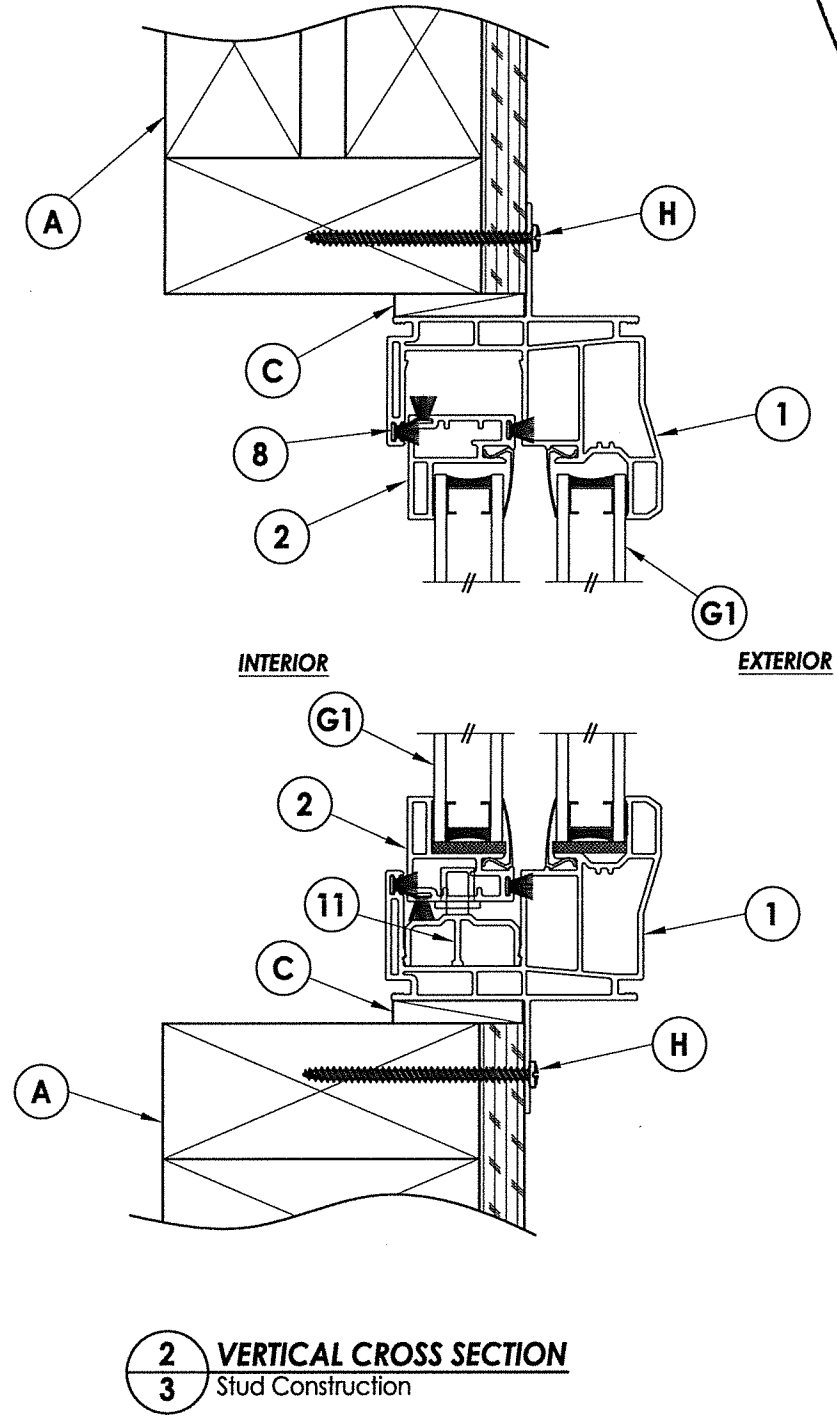
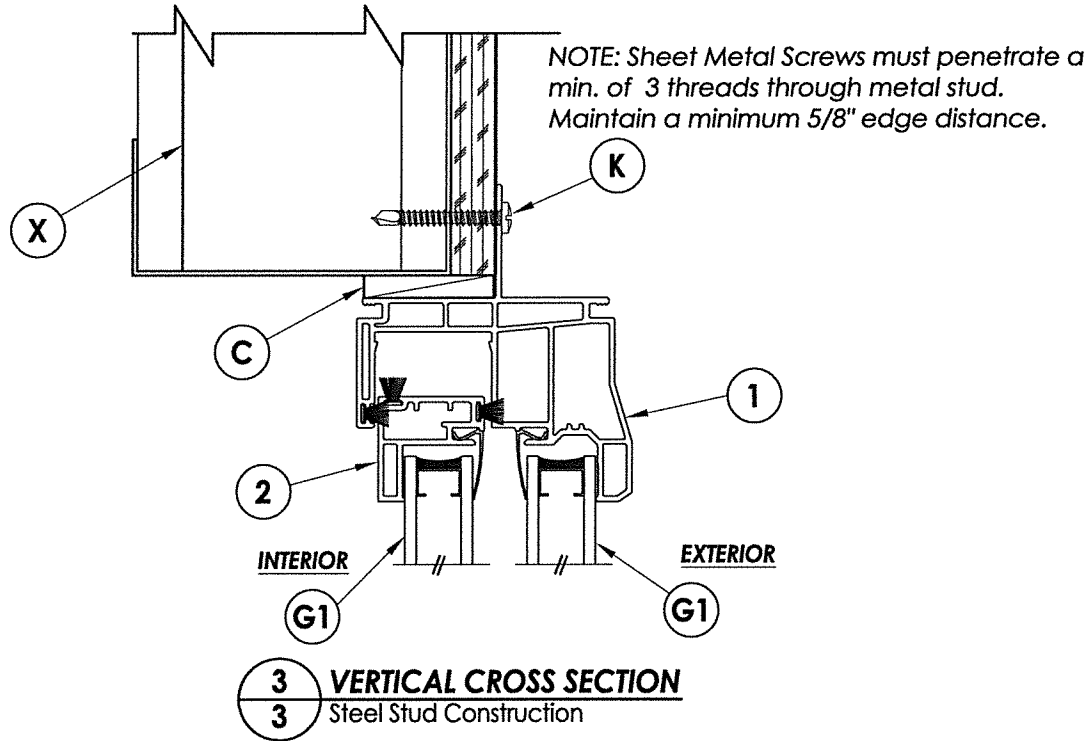
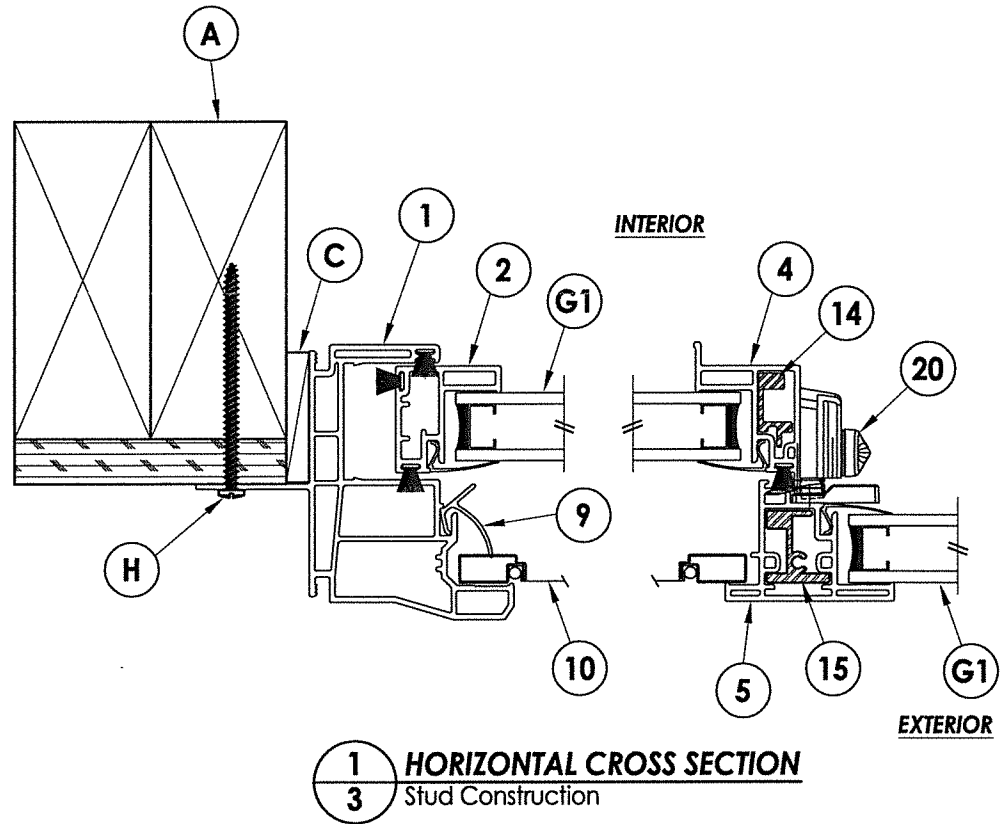
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FBPE Registry No. 9813

DATE: 3/12/18		PRODUCT:		HORIZONTAL SLIDER
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-26521.3				
SHEET 2 OF 5		PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS
		LFS		
		UPDATE TO 7TH ED. (2020) FBC		
		LFS		
		ADD ADDITIONAL FRAME SIZE		
NO. DATE		BY		REVISIONS

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DATE: 3/12/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-26521.3
SHEET 3 OF 5

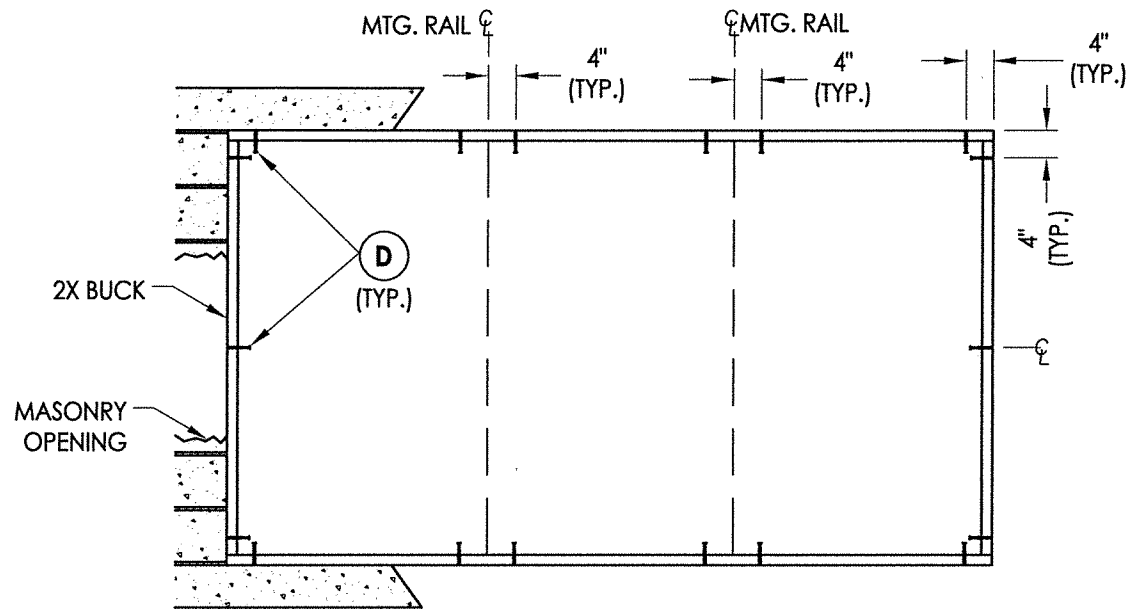
PRODUCT:		PART OR ASSEMBLY:	
HORIZONTAL SLIDER		VERTICAL & HORIZONTAL CROSS SECTIONS	
		LFS	BY
		FBC	
		UPDATE TO 7TH ED. (2020)	
		1	DATE
		6/04/18	
		ADD ADDITIONAL FRAME SIZE	

September 30, 2020
Documents Prepared By:
Lyndon F. Schmidt
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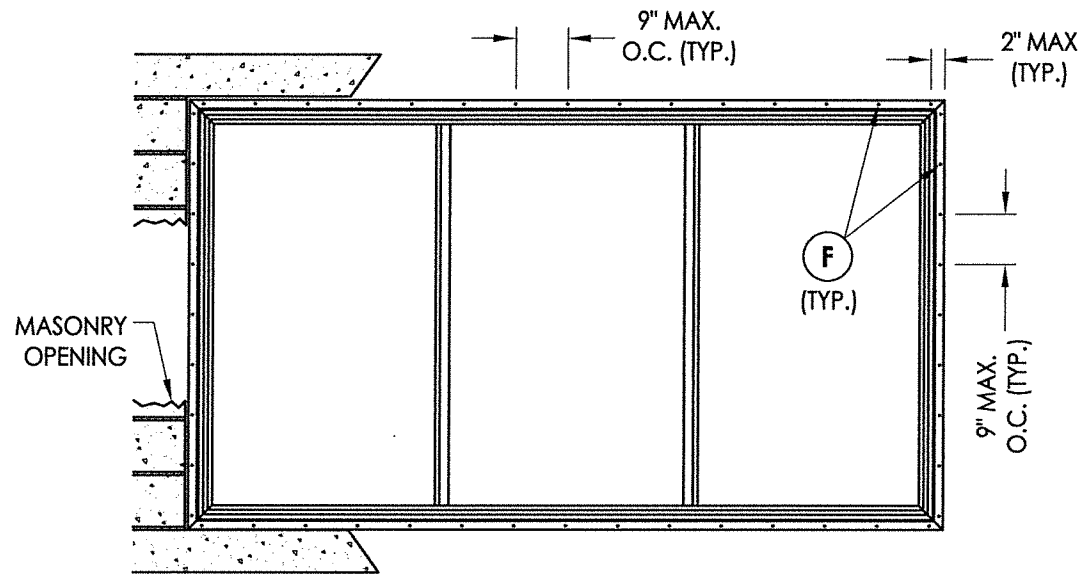
FLORIDA PROFESSIONAL ENGINEER
No. 43409

R.W. BUILDING CONSULTANTS, INC.
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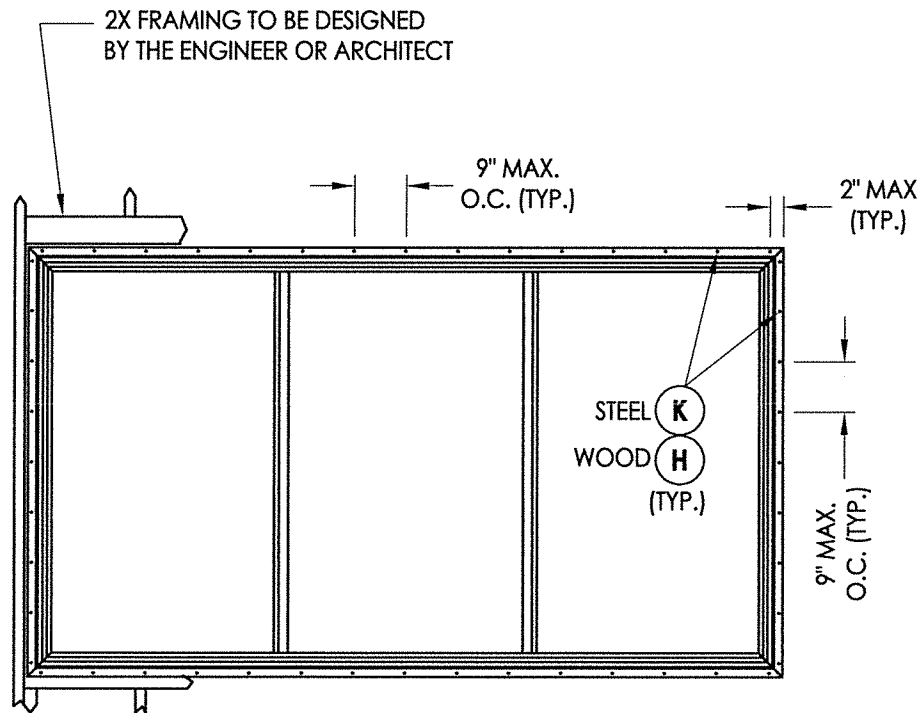
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BUCK ANCHORING



**FRAME ANCHORING
MASONRY CONSTRUCTION**



**FRAME ANCHORING
STUD CONSTRUCTION**

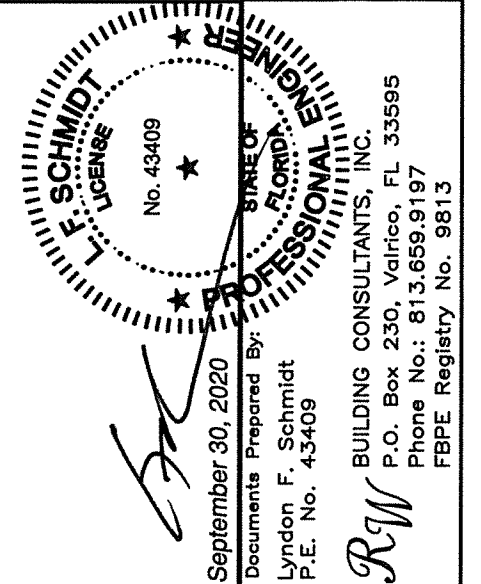
CONCRETE ANCHOR NOTES:

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"
DeWALT ULTRAACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

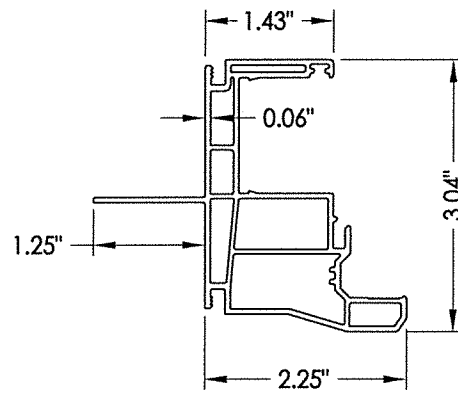
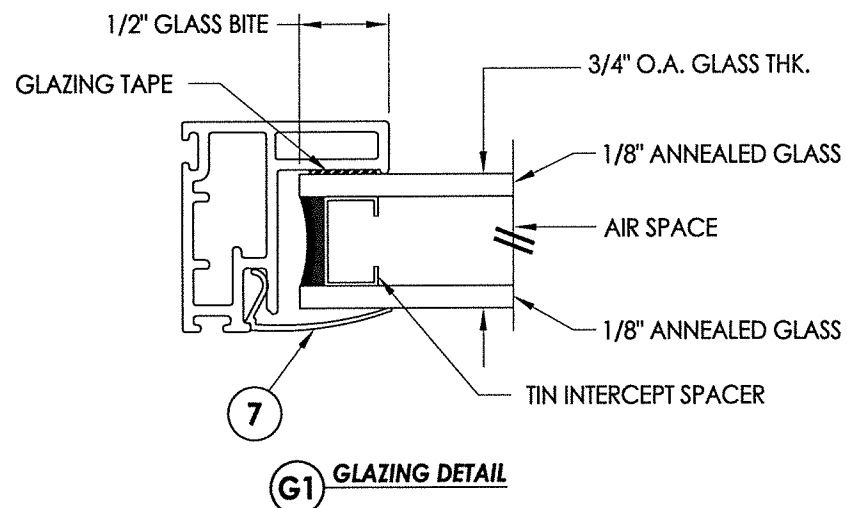
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



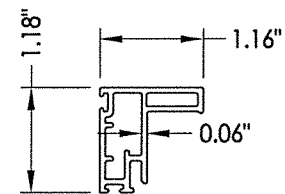
PRODUCT:		PART OR ASSEMBLY:	
HORIZONTAL SLIDER		BUCK & FRAME ANCHORING	
NO.	DATE	REVISIONS	BY
2	9/30/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	6/04/18	ADD ADDITIONAL FRAME SIZE	LFS
NO.	DATE	REVISIONS	BY
DATE: 3/12/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26521.3			
SHEET 4 OF 5			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/8" 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	#8 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
H	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL SASH STILE/RAIL *	RIGID PVC
4	EXTRUDED VINYL LOCK STILE *	RIGID PVC
5	EXTRUDED VINYL MEETING STILE *	RIGID PVC
7	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
8	WEATHERSTRIP (FIN PILE)	-
9	SCREEN CLIP	RIGID PVC
10	SCREEN	-
11	ROLLER TRACK	RIGID PVC
14	SASH STILE REINFORCEMENT (S-047)(6063-T5)	ALUM
15	MEETING STILE REINFORCEMENT (S-065)(6063-T5)	ALUM
20	CAM LOCK	-

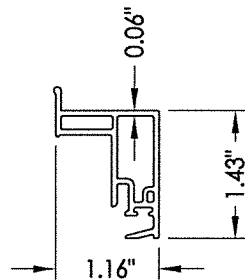
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



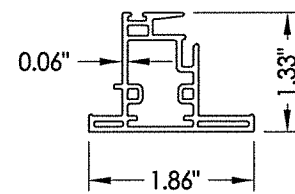
1 FRAME



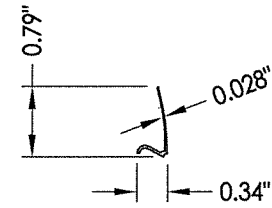
2 SASH STILE/RAIL



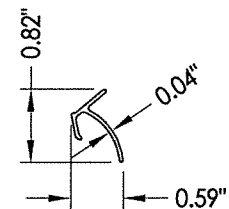
LOCK STILE



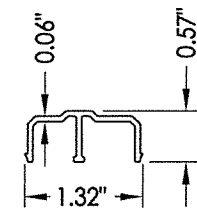
5 MEETING STILE



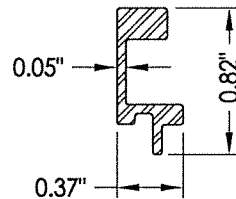
7 GLAZING BEAD



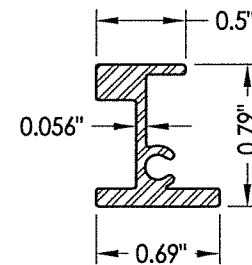
9 SCREEN CLIP



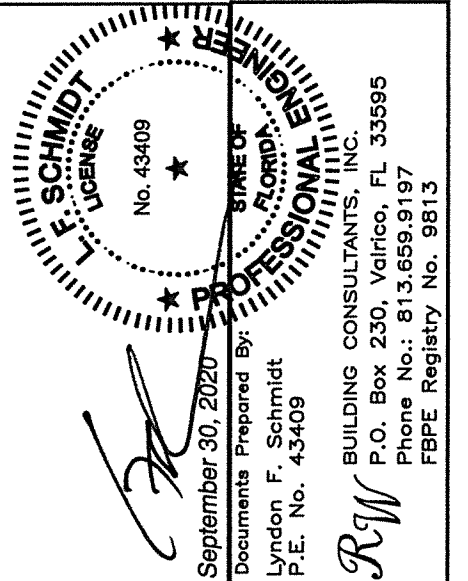
11 ROLLER TRACK



14 SASH STILE REINFORCEMENT



15 MEETING RAIL REINFORCEMENT



DATE: 3/12/18		PRODUCT: HORIZONTAL SLIDER PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26521.3			
SHEET 5 OF 5			