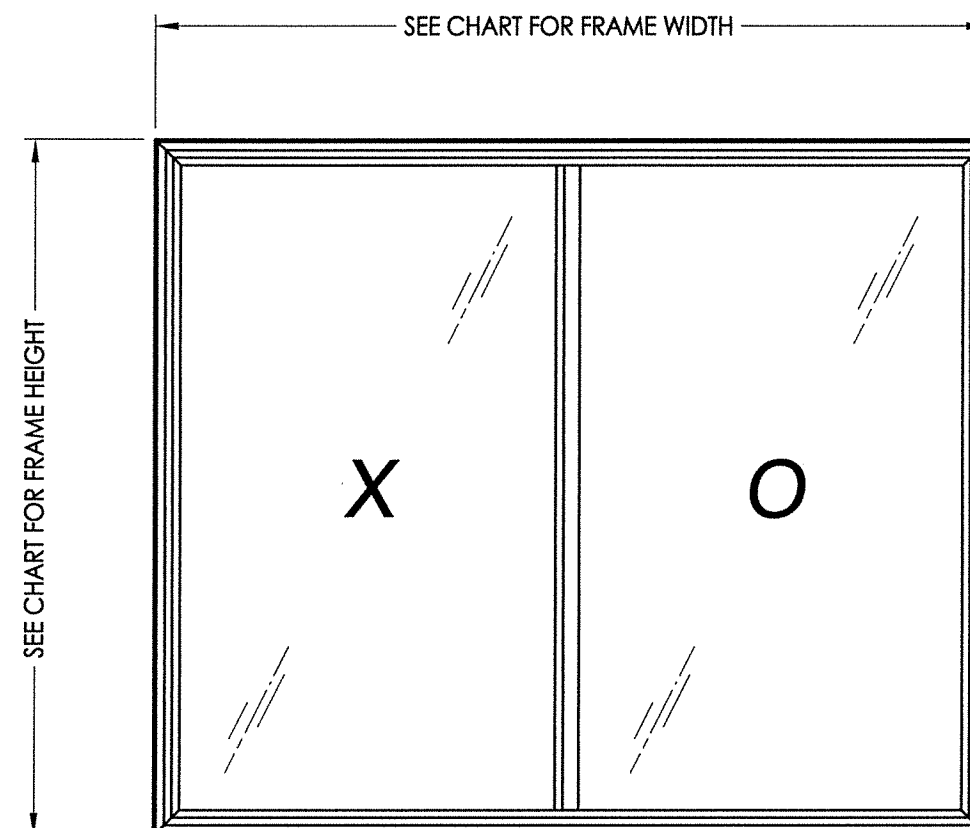


**SERIES 1900 MODEL 1902 HP
HORIZONTAL SLIDER
"NON-IMPACT"**

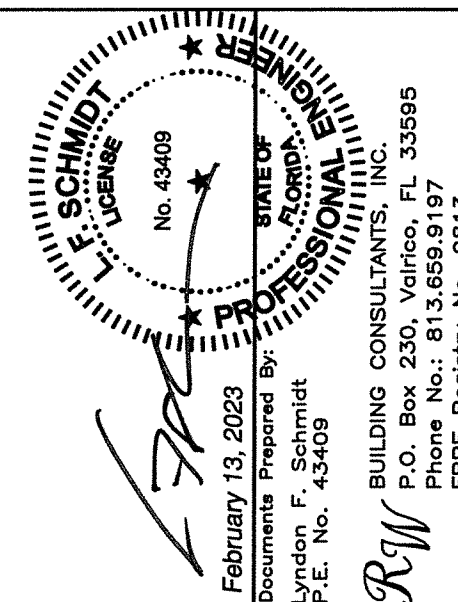
GENERAL NOTES

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).
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.

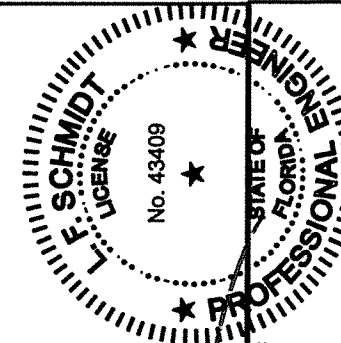
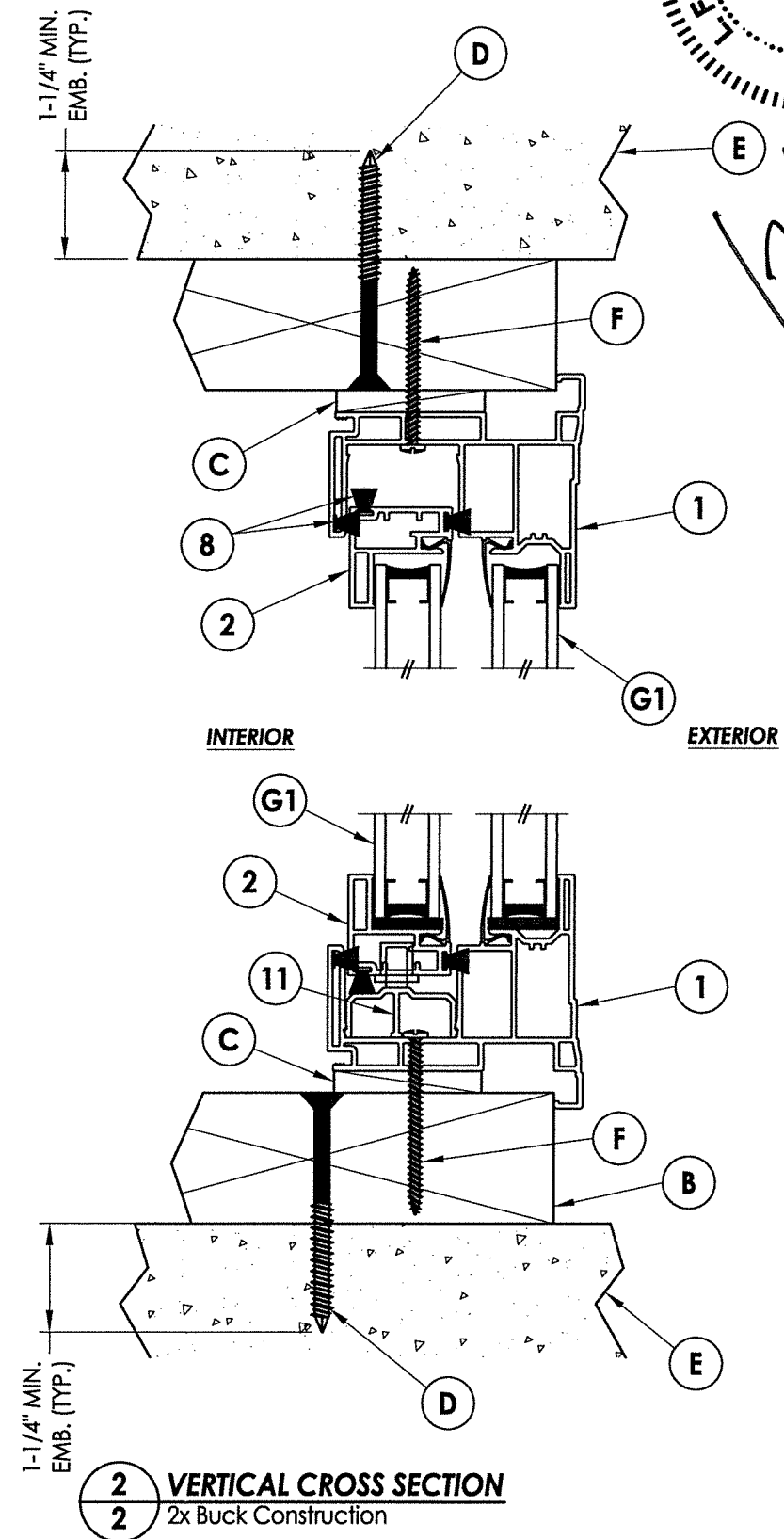
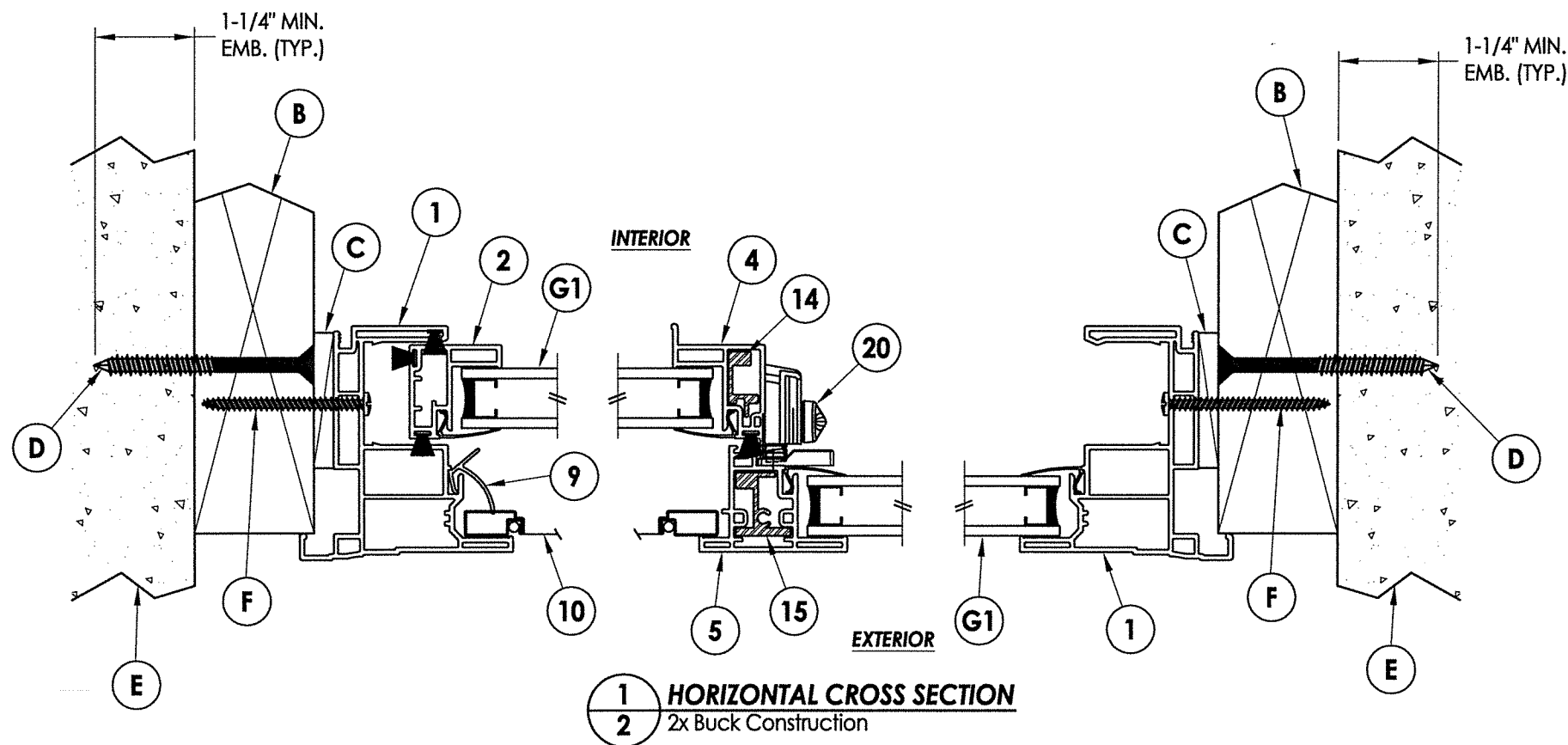
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing details and components



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
52.13" x 62.0"	(O) 23.0" x 57.5"	(X) 23.0" x 57.5"	G1	+30.0	-30.0



DATE: 2/09/23		SHEET 1 OF 5	
SCALE: N.T.S.		DRAWING NO.: FL-26521.9	
DWG. BY: LFS		CHK. BY: RW	
NO.		DATE	
PRODUCT: HORIZONTAL SLIDER		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	

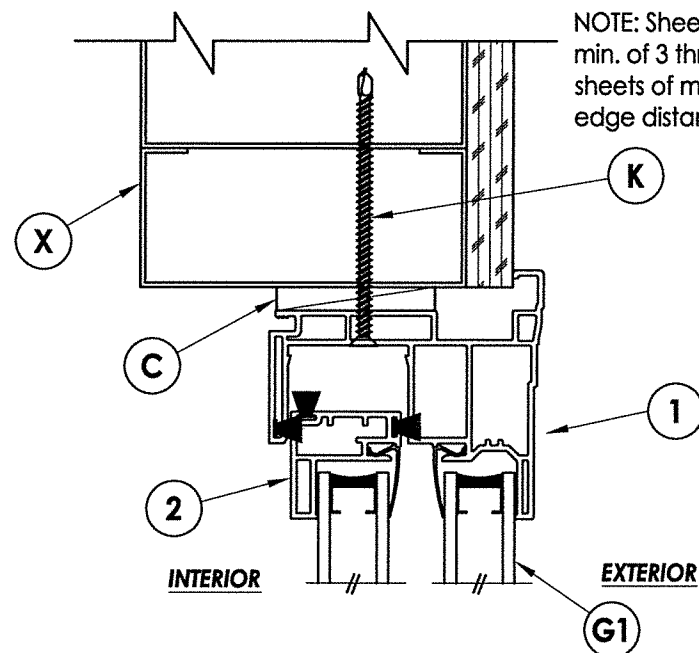


February 13, 2023

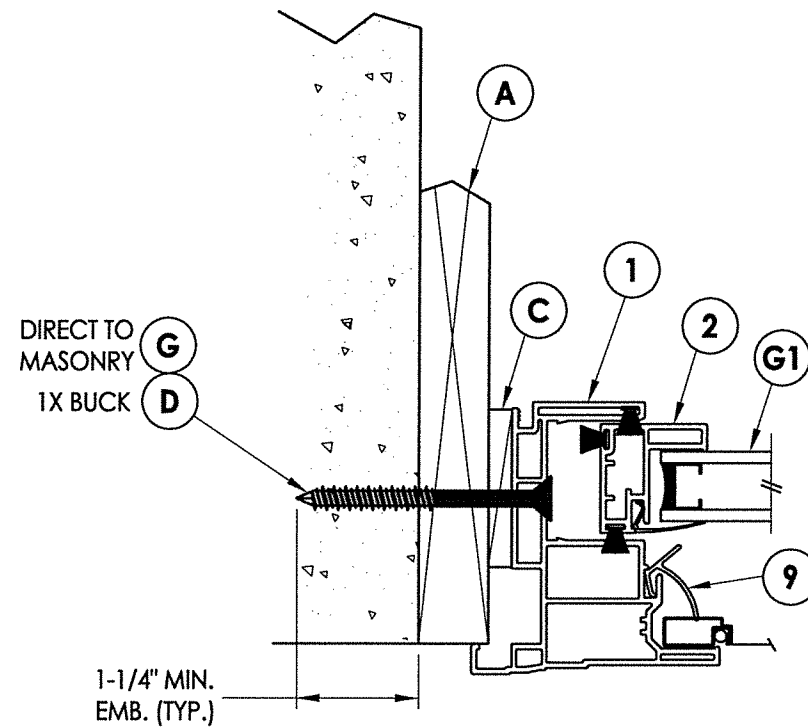
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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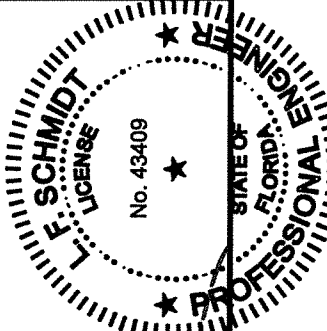
1 3 **VERTICAL CROSS SECTION** Steel Stud Construction



2 HORIZONTAL CROSS SECTION
3 Shown w/1X Sub-buck
 Direct to Masonry Similar

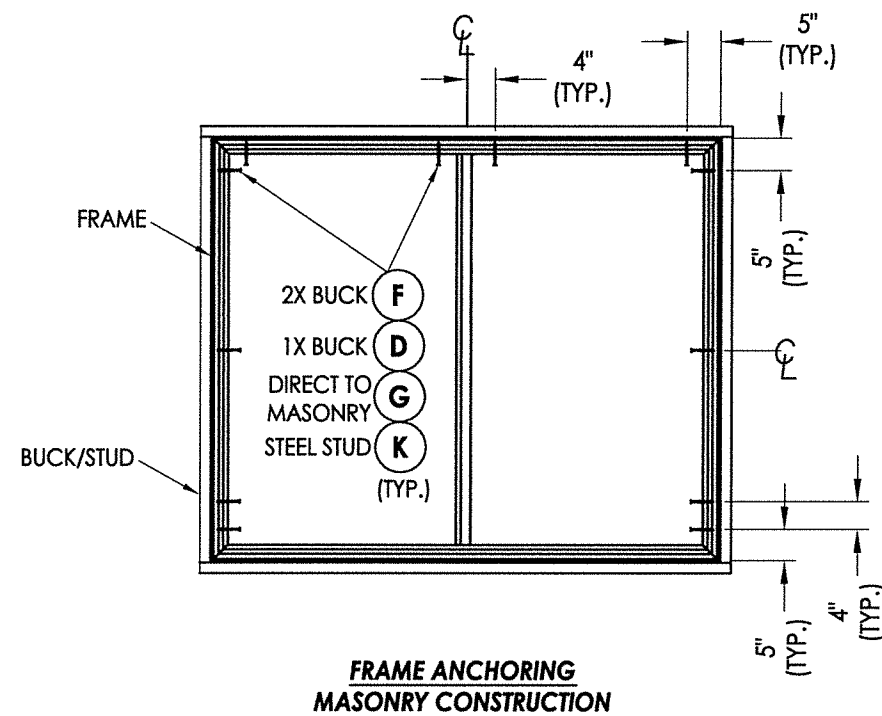
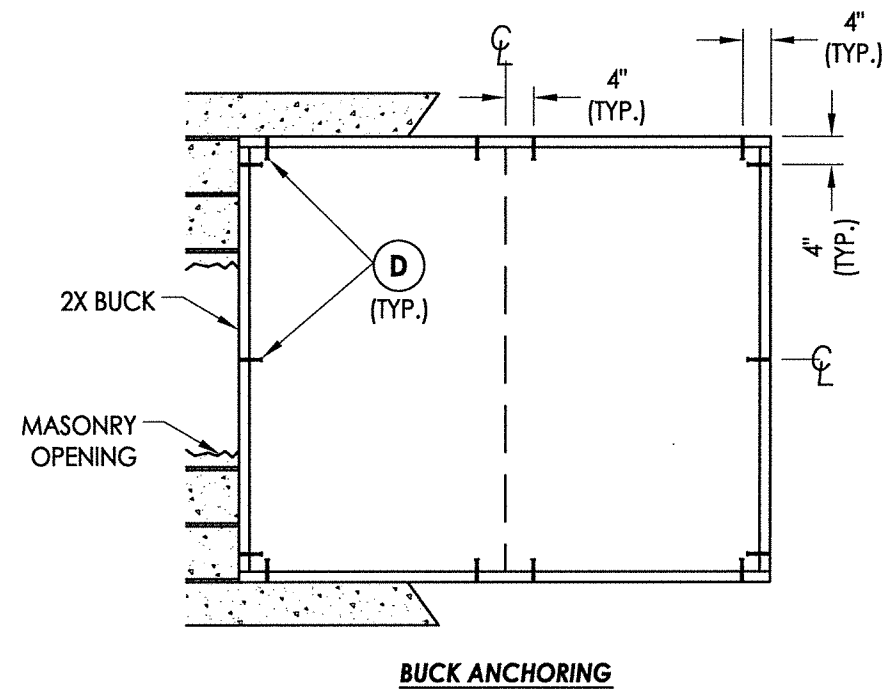

February 13, 2023

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
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[illegible]



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 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.

[Signature]
February 13, 2023

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

**F. SCHMIDT
P.E. LICENSE**
No. 43409
★
★

**STATE OF
FLORIDA
PROFESSIONAL ENGINEER**

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

February 13, 2023

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:

BUCK & FRAME ANCHORING

BY _____

REVISIONS

DATE: 2/09/23

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: RW

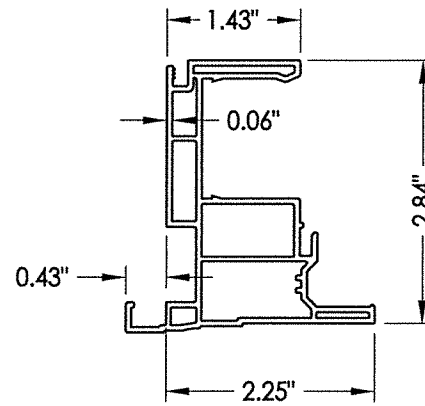
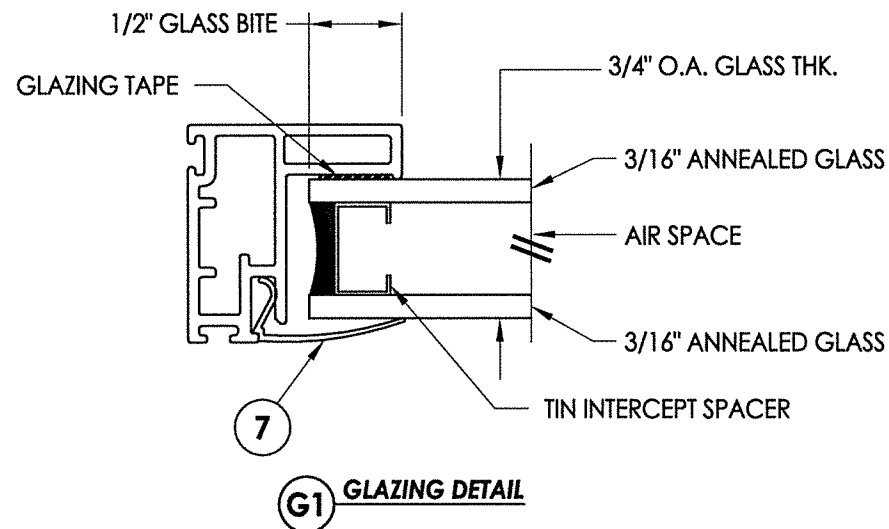
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FL-26521.9

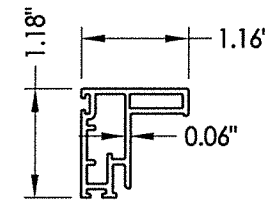
SHEET 4 OF 5

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 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 (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	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	-

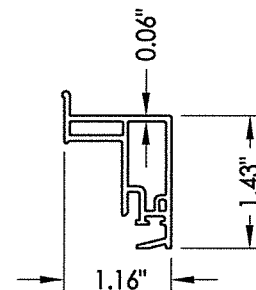
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



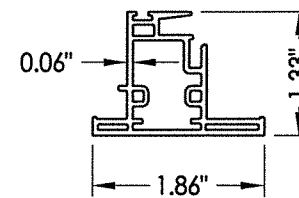
1 FRAME



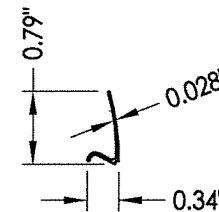
2 SASH STILE/RAIL



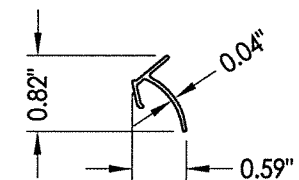
4 LOCK STILE



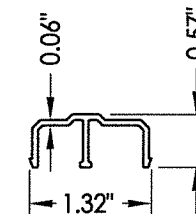
5 MEETING STILE



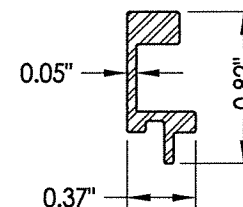
7 GLAZING BEAD



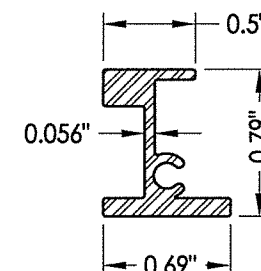
9 SCREEN CLIP



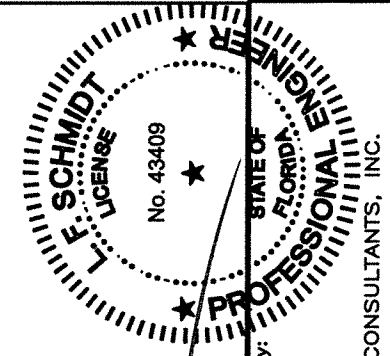
11 ROLLER TRACK



14 SASH STILE REINFORCEMENT



15 MEETING RAIL REINFORCEMENT



February 13, 2023

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Lyndon F. Schmidt
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PRODUCT:

HORIZONTAL SLIDER

PART OR ASSEMBLY:

BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS

DATE: 2/09/23

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-26521.9

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