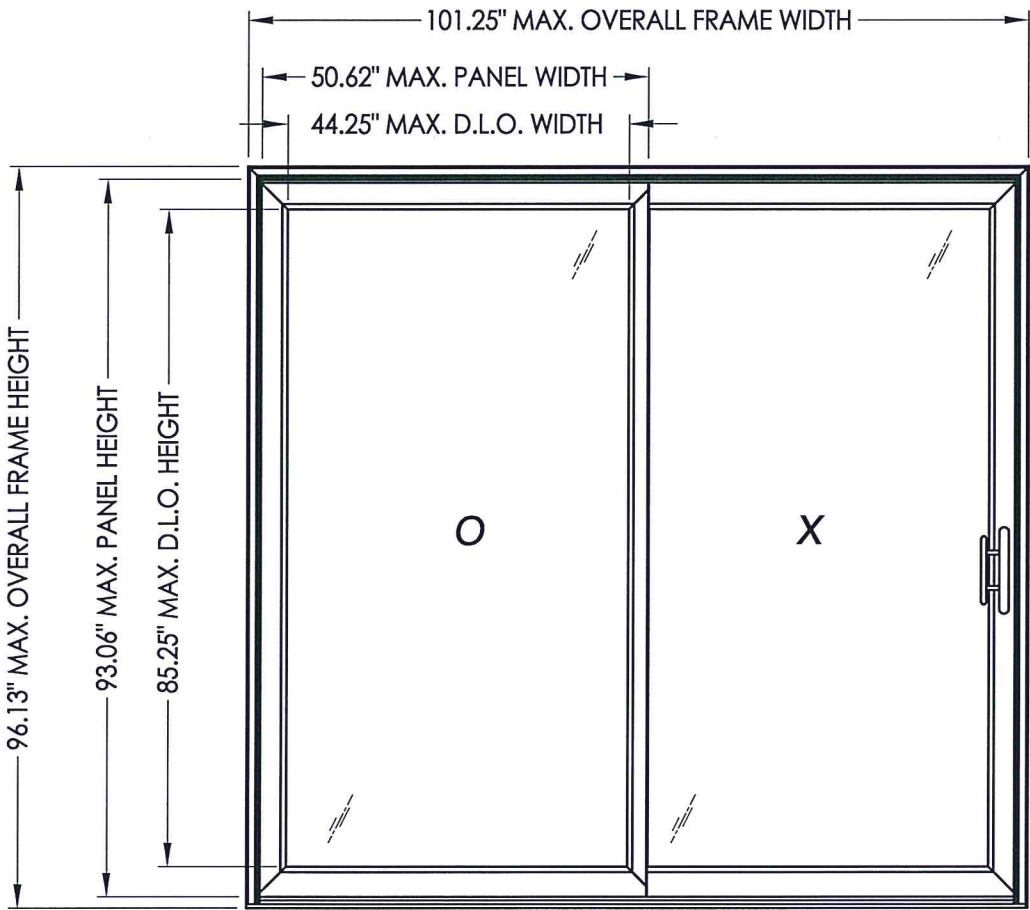


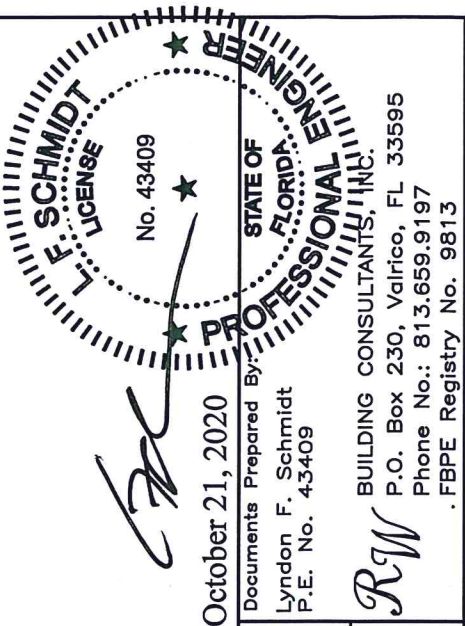


1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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.

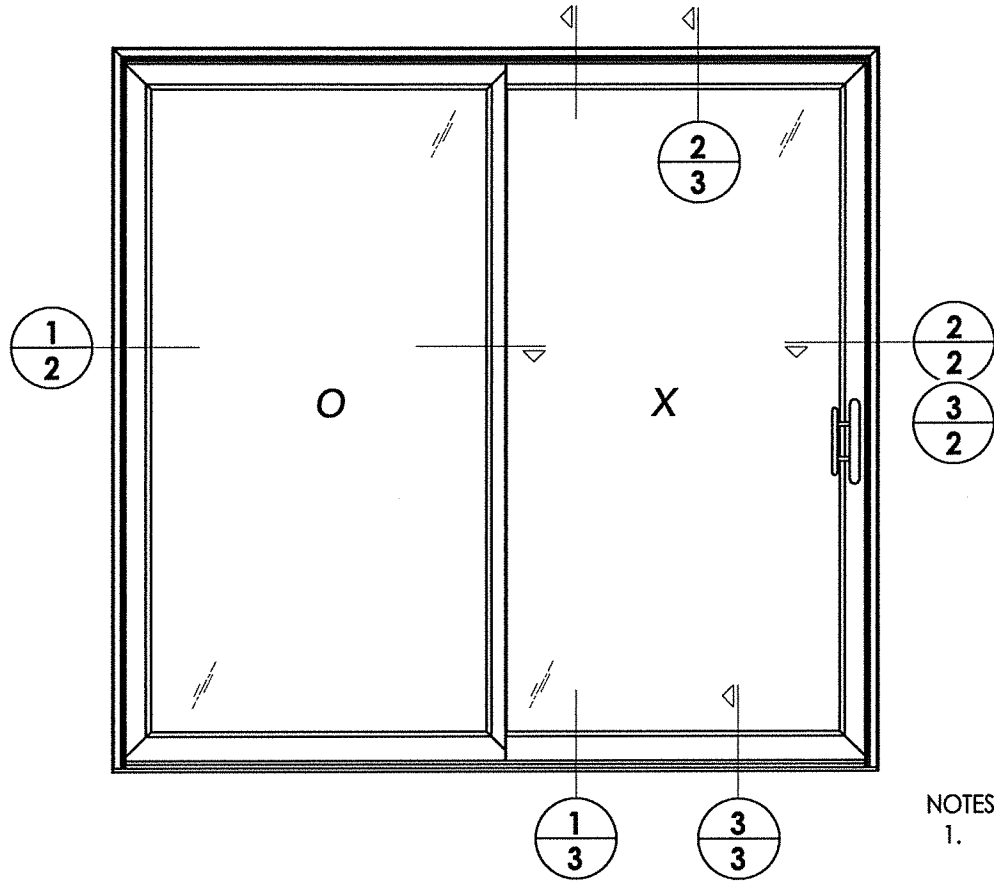
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials & glazing detail



OVERALL FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
71.0" X 79.5"	35.5" X 76.38"	29.25" X 68.63"	G1	+30.0	-40.0
95.0" X 79.5"	47.5" X 76.43"	41.25" X 68.63"	G1	+30.0	-30.0
101.25" X 96.13"	50.62" X 93.06"	44.25" X 85.25"	G2	+20.0	-20.0

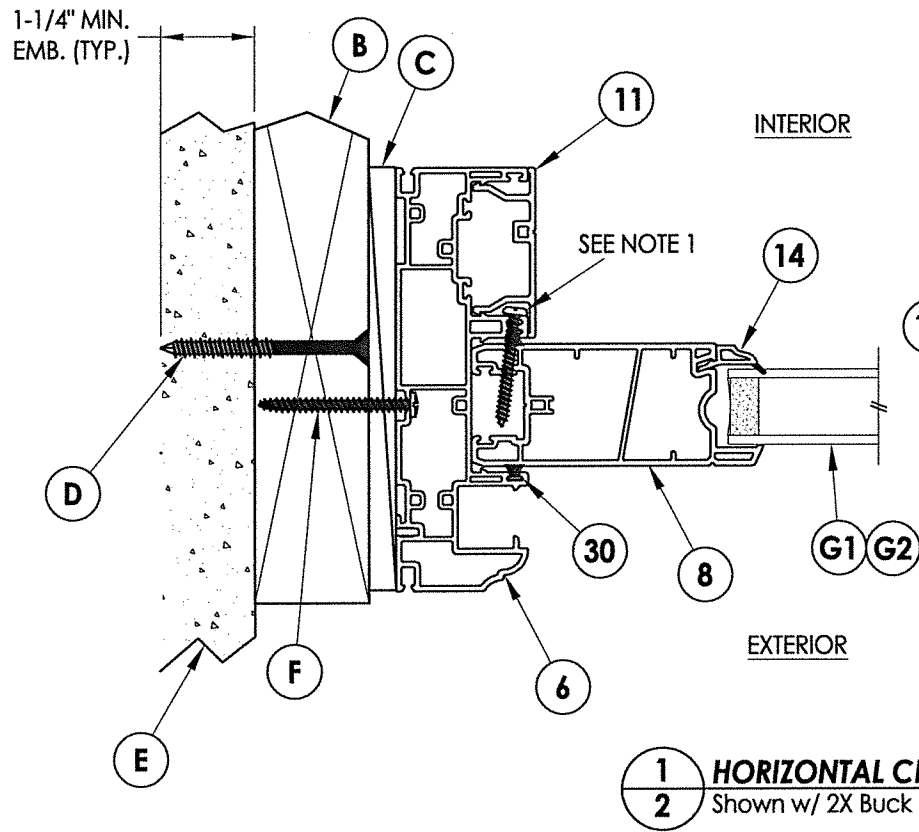
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\\dc01\vwbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-34551 - Sliding Patio Doors\C - Drawings\FL-34551.10.dwg

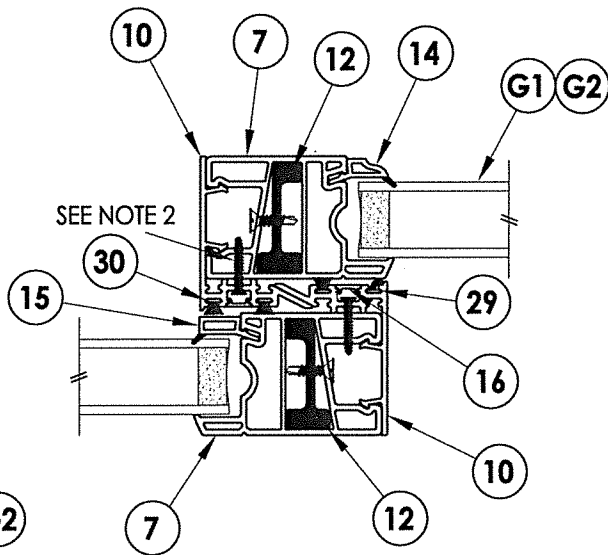


NOTES:

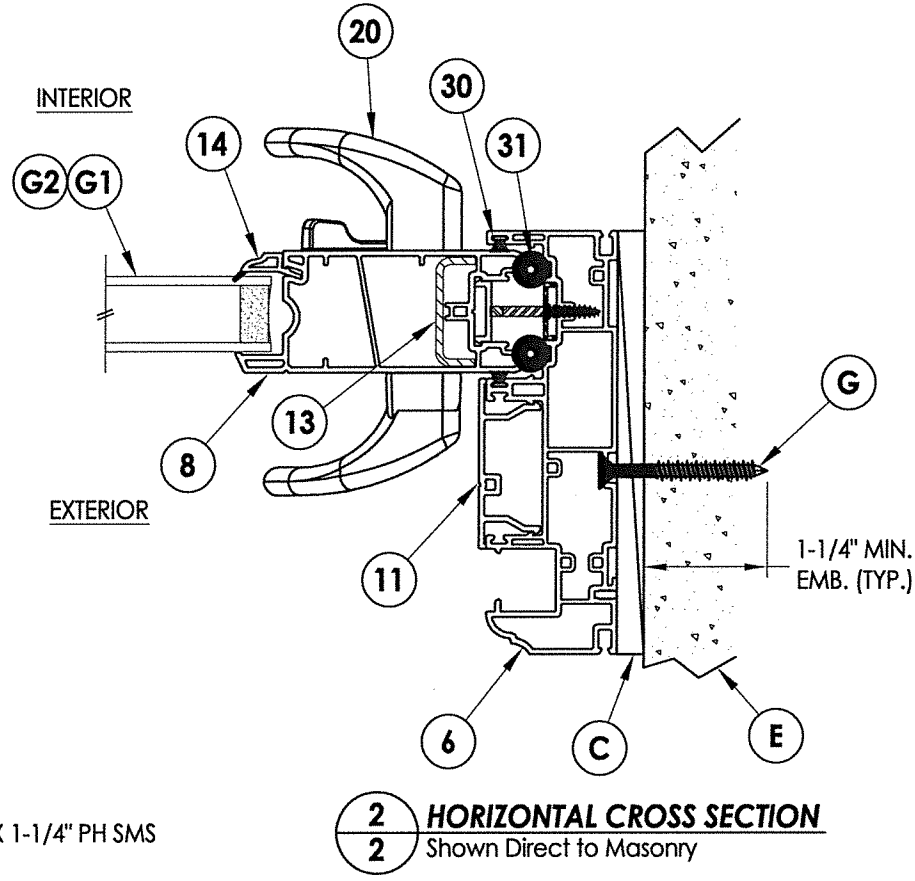
1. FIXED SASH PANEL SECURED TO JAMB w/ (3) #8 X 1-1/4" PH SMS LOCATED 6" FROM ENDS AND @ CENTERLINE.
2. INTERLOCK SECURED w/ (3) #8 X 3/4" PH SMS LOCATED 12" FROM ENDS AND @ CENTERLINE.



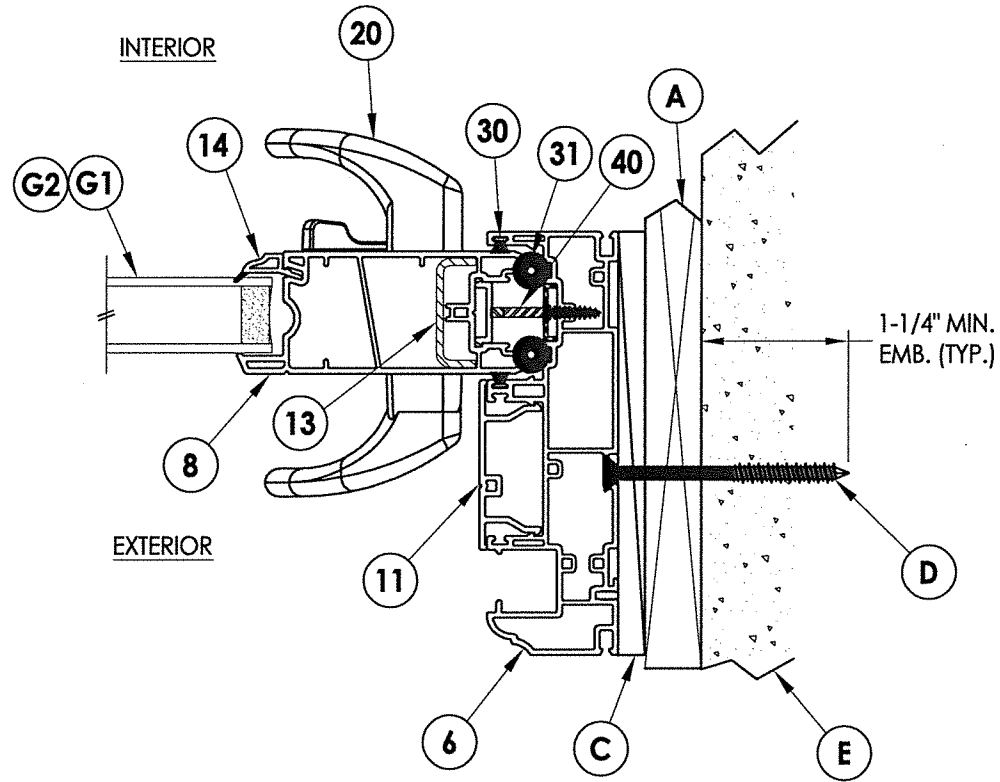
1
2 HORIZONTAL CROSS SECTION
Shown w/ 2X Buck



2
2 HORIZONTAL CROSS SECTION
Shown w/ 1X Buck



2
2 HORIZONTAL CROSS SECTION
Shown Direct to Masonry



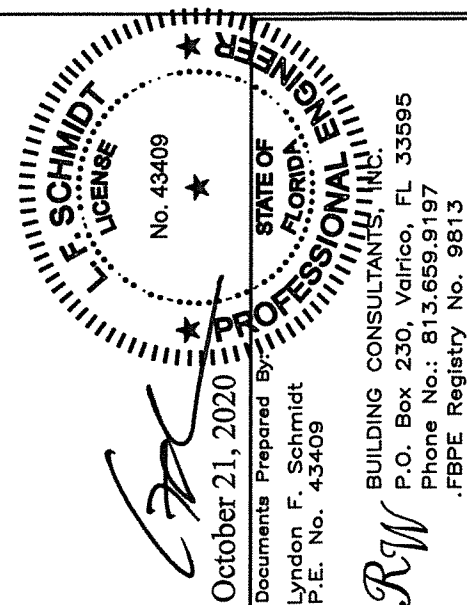
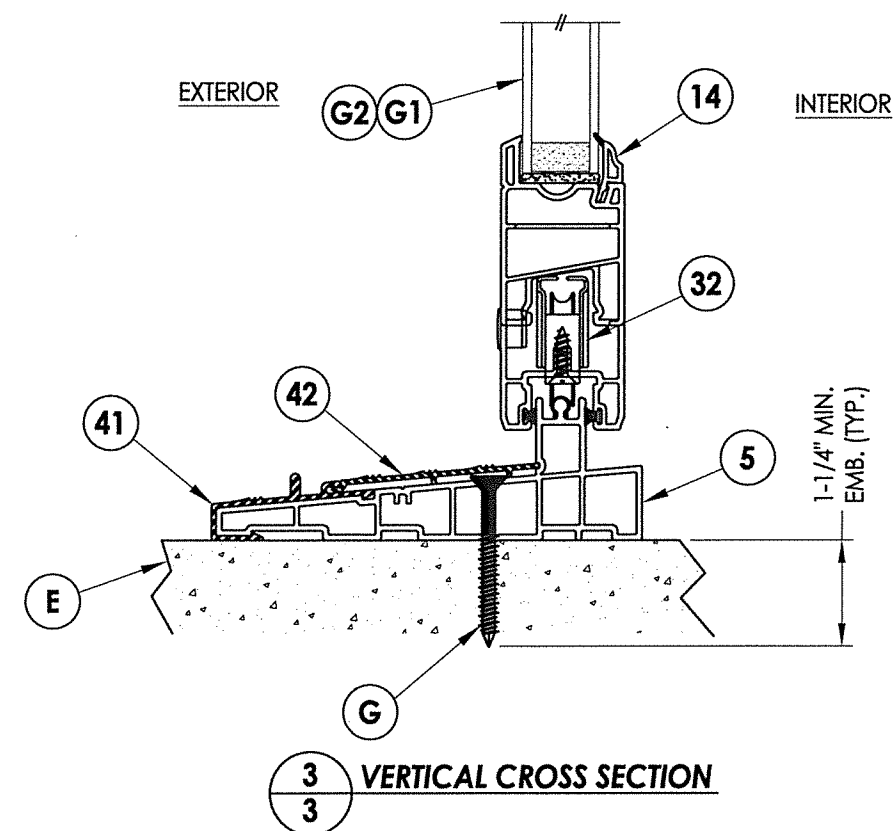
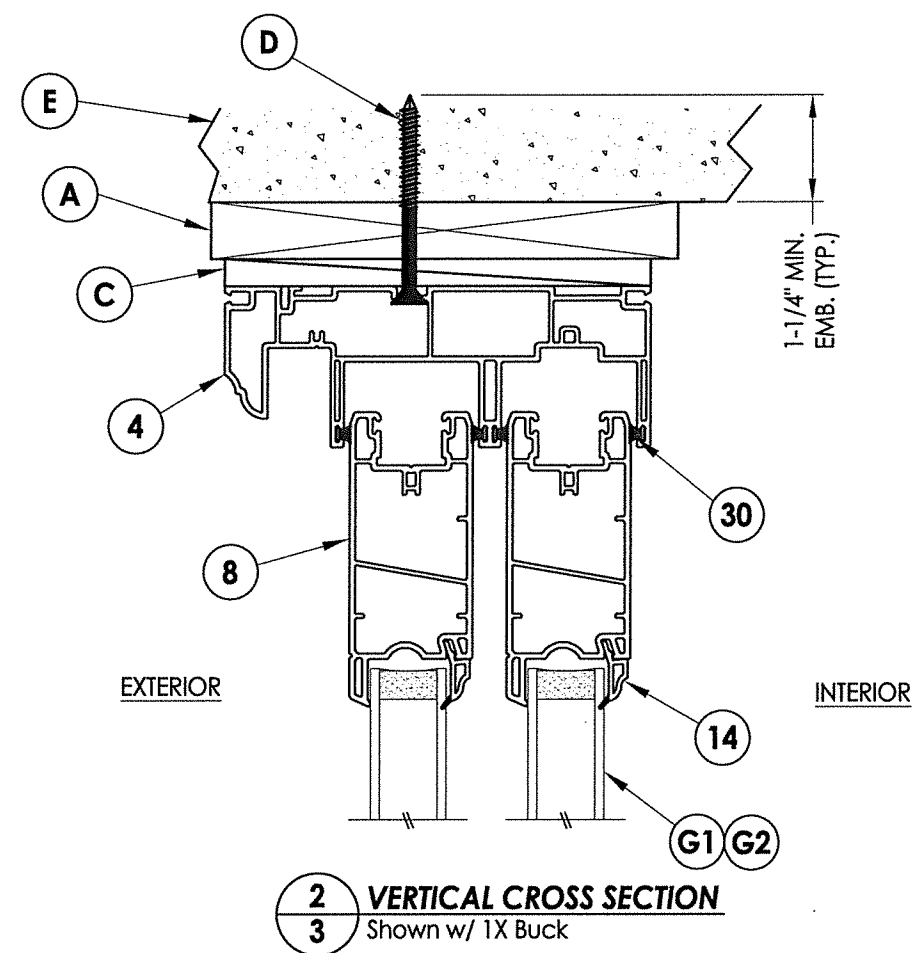
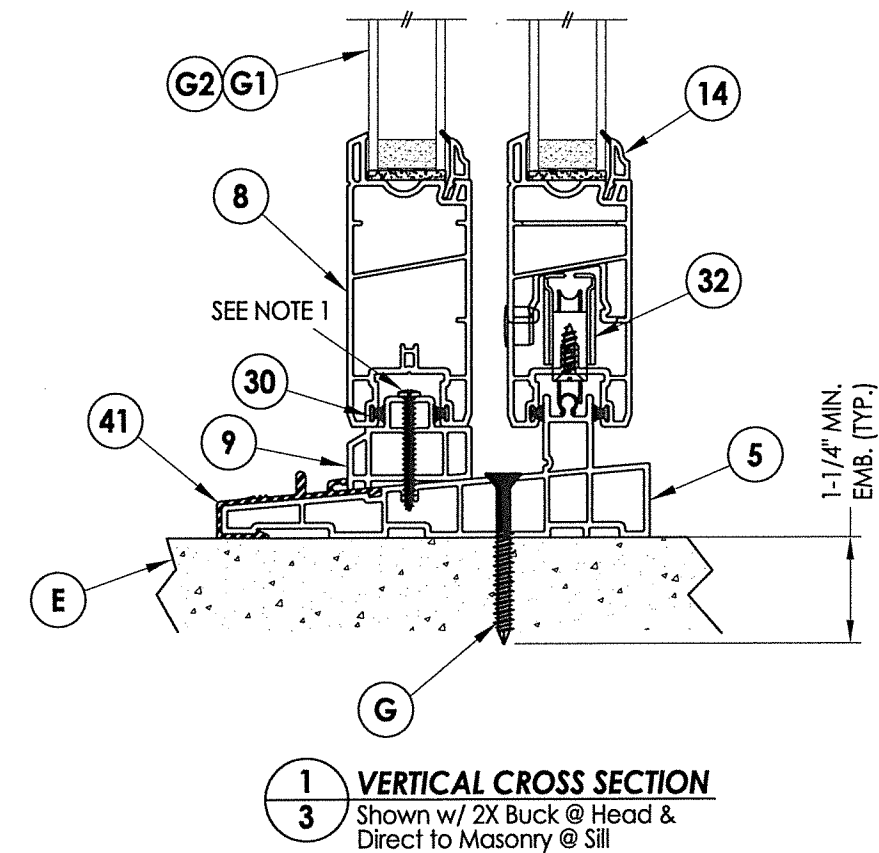
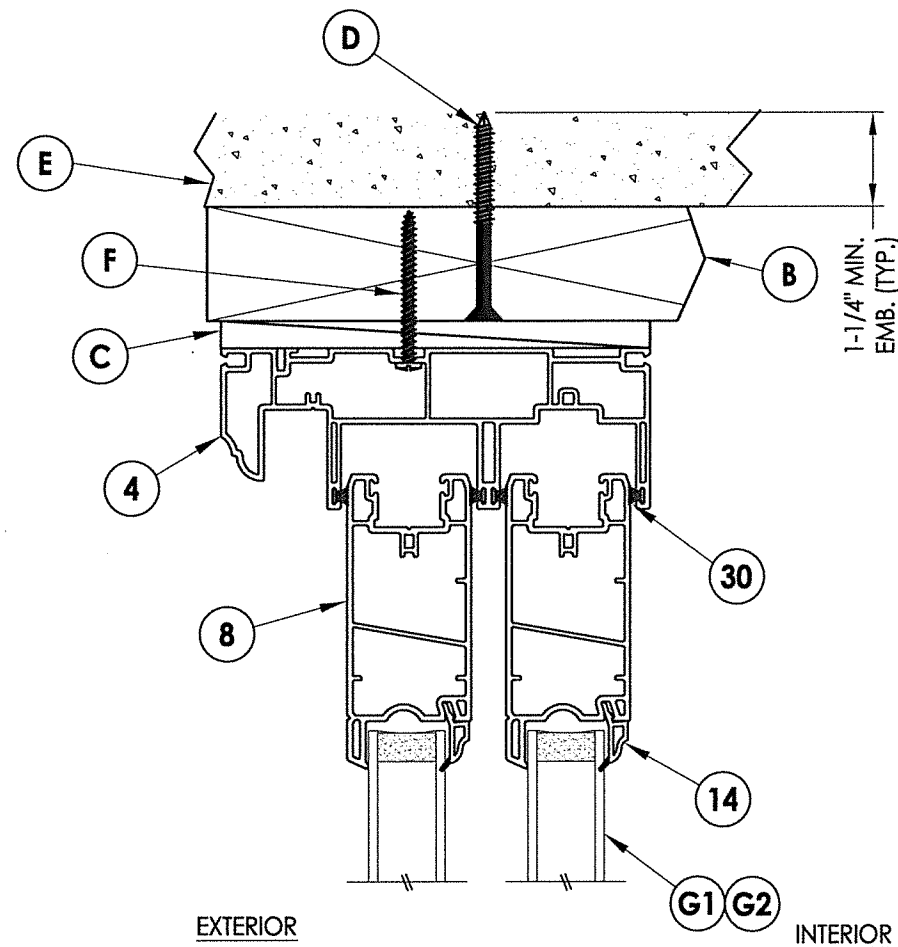
2
2 HORIZONTAL CROSS SECTION
Shown w/ 1X Buck

F. SCHMIDT
LICENSE
No. 43409
October 21, 2020

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

STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SLIDING PATIO DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
NO.		DATE	
BY		REVISIONS	
DATE: 10/15/20		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-34551.10		SHEET 2 OF 6	

[illegible]

Technical drawing of a window assembly showing dimensions and components. The drawing includes the following labels and dimensions:

- SASH** (top left)
- BUCK** (left side)
- FRAME** (bottom left)
- SILL (TYP.)** (bottom left)
- 2X BUCK** (top right)
- 1X BUCK** (middle right)
- DIR. TO MASONRY** (middle right)
- HEAD & JAMBS (TYP.)** (bottom right)
- 3" (TYP.)** (top right)
- 4" (TYP.)** (top right)
- 8" (TYP.)** (top right)
- 8" (TYP.)** (bottom right)
- (4) EQUAL SPACES (6'-8" NOMINAL HT.)** (middle right)
- (5) EQUAL SPACES (8'-0" NOMINAL HT.)** (middle right)

* ANCHORS @ SASH CENTERLINES ARE REQUIRED FOR FRAME WIDTHS > 71" ONLY.

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"

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

Technical drawing of a mechanical part with the following dimensions:

- Overall width: 5.63"
- Overall height: 0.37"
- Top flange width: 0.65"
- Top flange height: 0.075"
- Top flange thickness: 0.06"
- Bottom flange height: 0.98"

Technical drawing of a cross-section of a beam. The dimensions are: 1.87" (top width), 0.41" (top flange thickness), 0.075" (web thickness), 1.63" (total height), and 2.5" (bottom width).


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Technical drawing of a cross-section of a structural member. The drawing shows a complex profile with a central vertical web and two side flanges. Dimensions are indicated: a top flange width of 3.25 inches, a total width of 3.88 inches at the base, and a total height of 1.63 inches. A fillet radius of 0.075 inches is shown on the left side.

0.83"

0.075"

2.26"

Diagram of a C-channel cross-section with dimensions: height = 1.45", web thickness = 0.1", and flange width = 0.58".

Diagram of a C-channel cross-section with dimensions: height 1.45", web thickness 0.093", and flange width 0.52".

0.8"

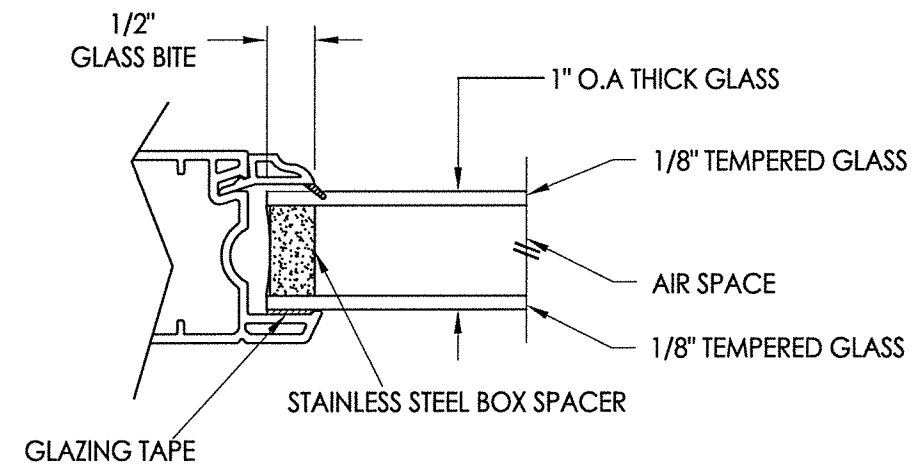
A cross-sectional view of a rectangular block. Above the block is a small, U-shaped feature. Below the block, a dimension line with arrows at both ends indicates a width of 0.34".

Technical drawing of a stepped shaft. The drawing shows a shaft with a step. The dimensions are: 0.49 inch (vertical), 2.16 inch (horizontal), and 90 degrees (angle).

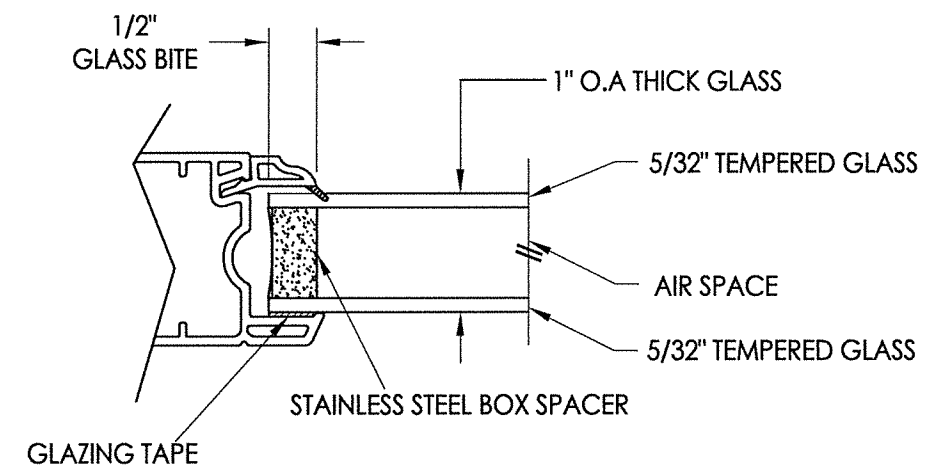
DATE: 10/15/20		REVISIONS NO. DATE BY	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-34551.10			
SHEET 5 OF 6		PRODUCT: SUNRISE WINDOWS PART OR ASSEMBLY: COMPONENTS	

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 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	#10 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
4	PD HEAD JAMB*	RIGID PVC
5	PD SILL*	RIGID PVC
6	PD JAMB*	RIGID PVC
7	PD SASH MEETING STILE*	RIGID PVC
8	PD SASH JAMB STILE*	RIGID PVC
9	RISER*	RIGID PVC
10	INTERLOCK MEETING STILE*	RIGID PVC
11	JAMB COVER*	RIGID PVC
12	REINFORCEMENT MEETING STILES	FIBERGLASS
13	REINFORCEMENT LOCK STILE	STEEL
14	GLAZING BEAD*	RIGID PVC
15	GLAZING BEAD (FIXED MEETING STILE)*	RIGID PVC
16	INTERLOCK SCREW COVER*	RIGID PVC
20	PULL HANDLE	-
29	BULB WEATHERSTRIP	-
30	FIN WEATHERSTRIP	-
31	BULB WEATHERSTRIP	NEOPRENE
32	ROLLER ASSY.	-
40	LATCH BAR	STEEL
41	SILL NOSING	ALUM
42	SILL EXTENDER	ALUM

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

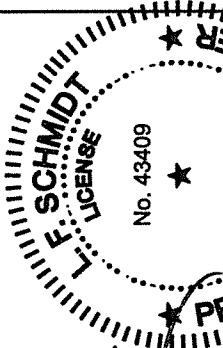


G1 GLAZING DETAIL



G2 GLAZING DETAIL


October 21, 2020
Documents Prepared By:
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