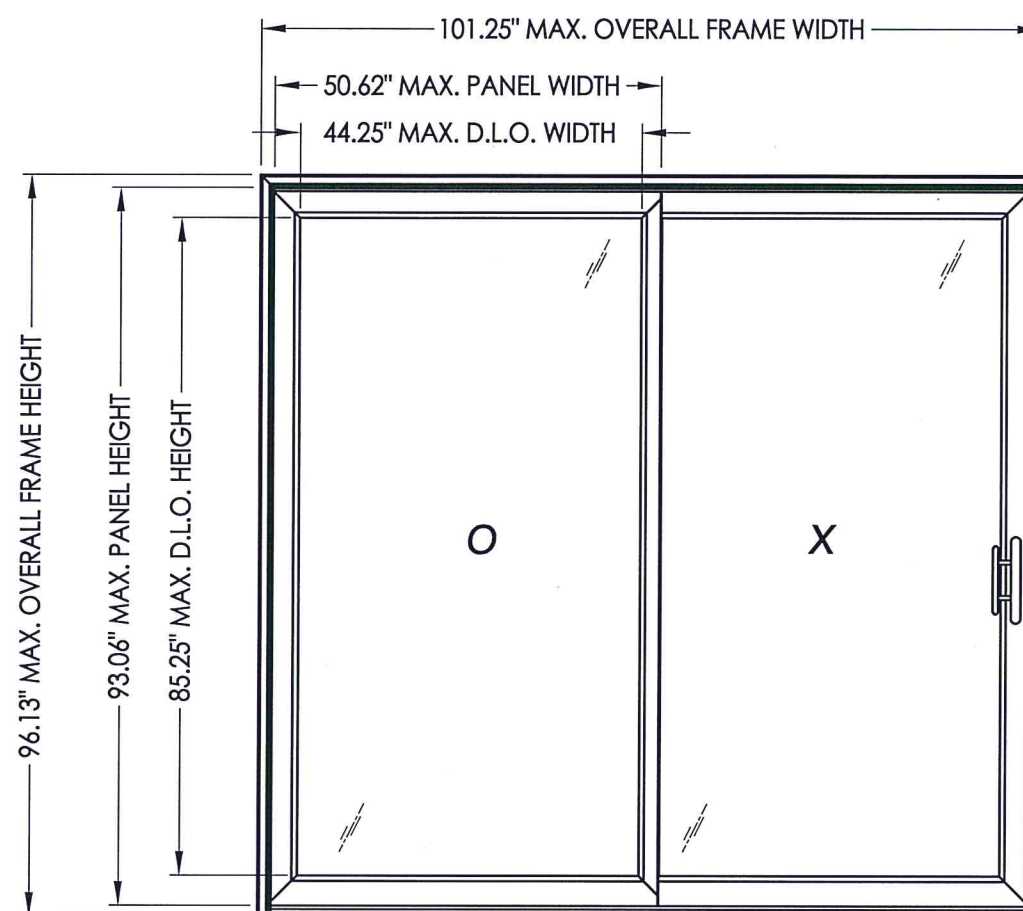


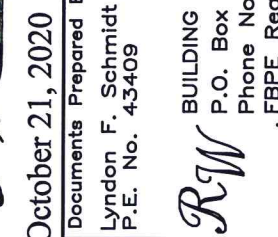
"Verde" Series Sliding Patio Door "NON-IMPACT"

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.

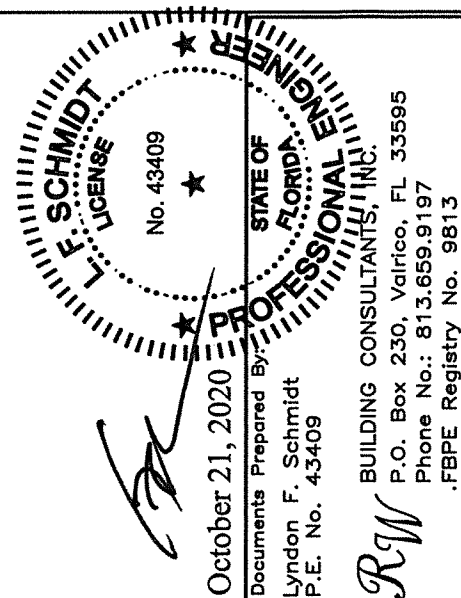
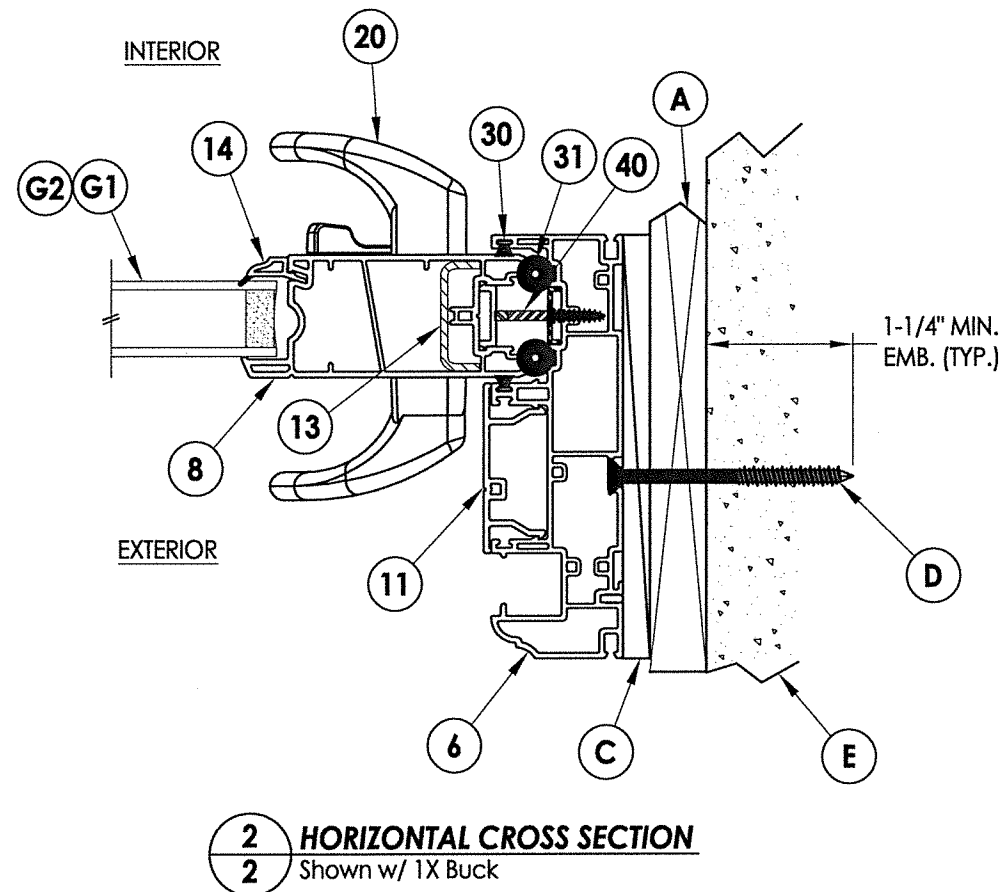
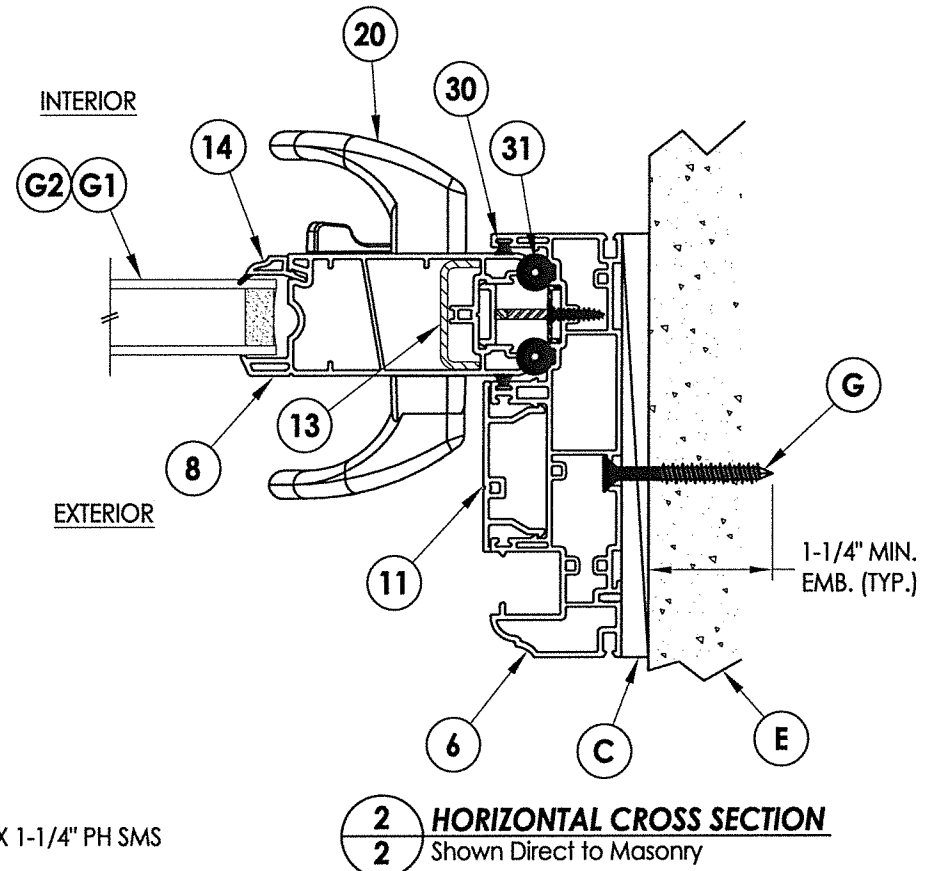
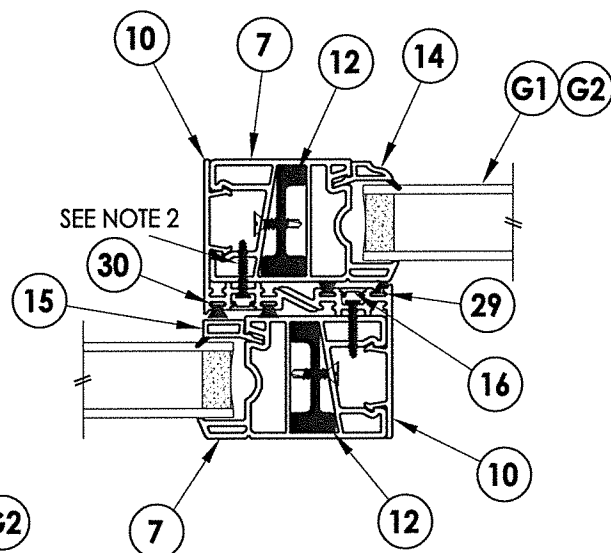
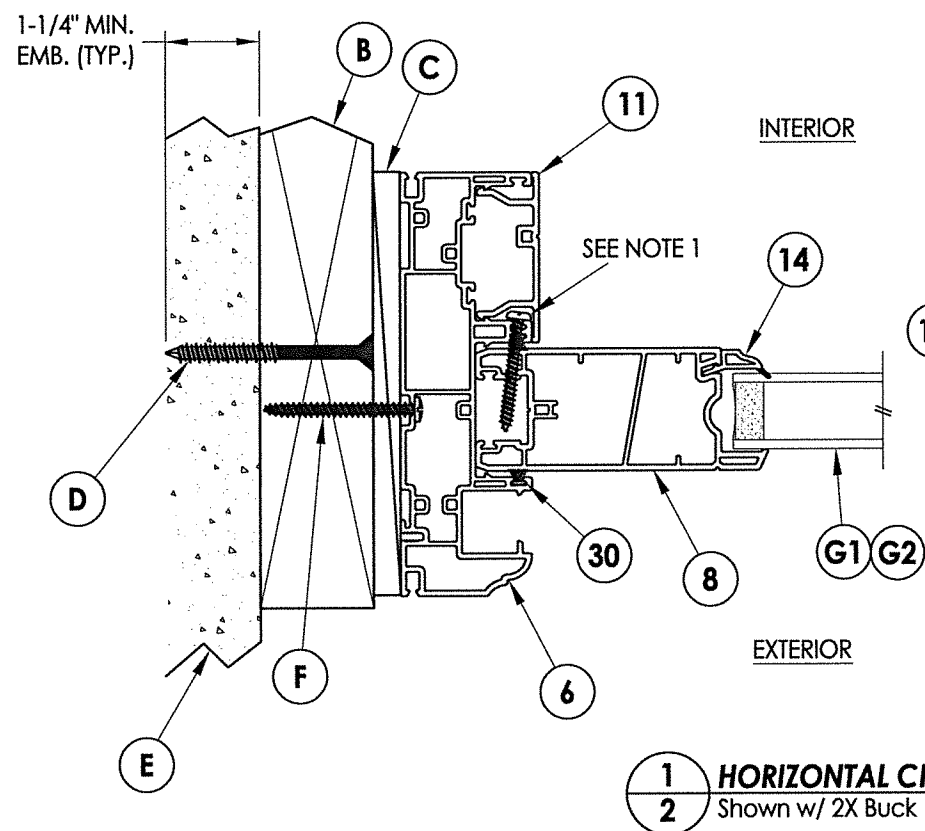
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials & glazing detail



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

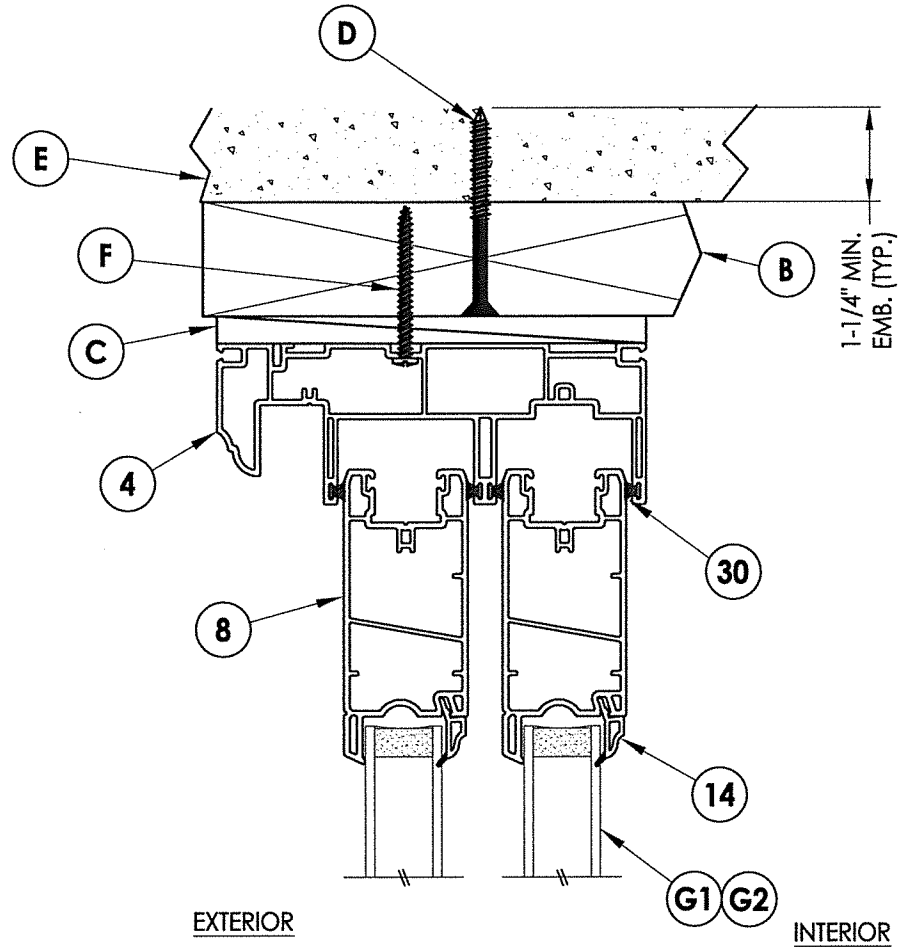
[illegible]

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.

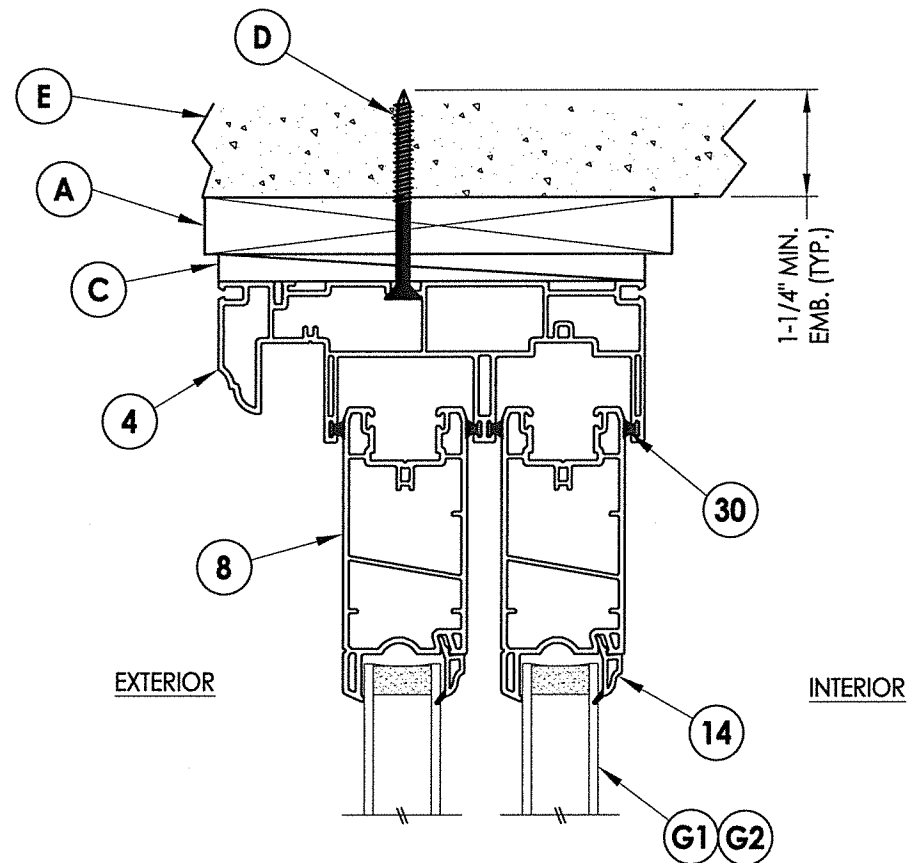
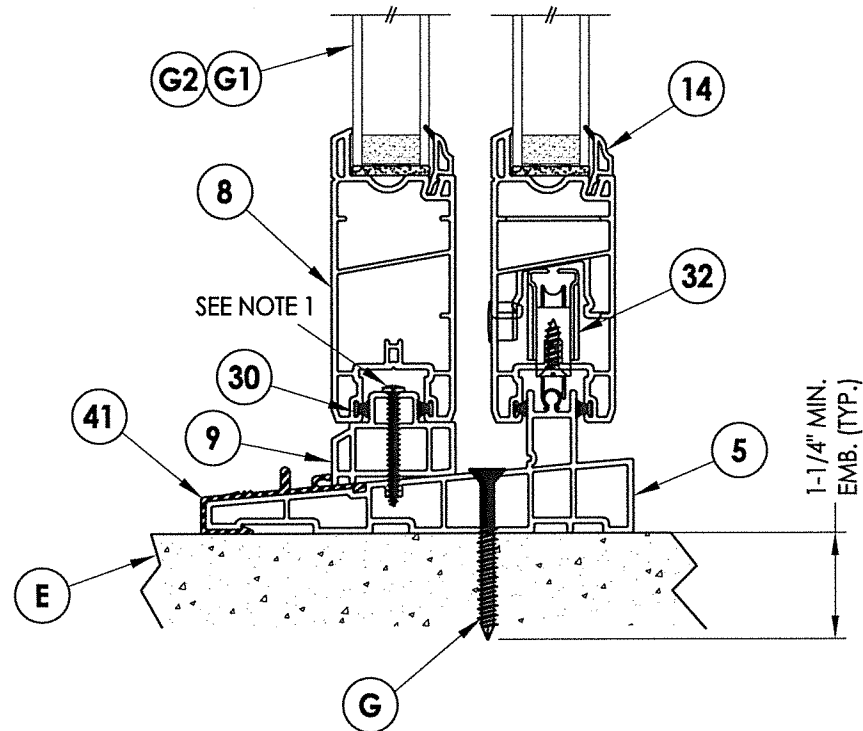


PRODUCT:		SLIDING PATIO DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
NO.		DATE	
BY		REVISIONS	
DATE: 10/15/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-34551.4			
SHEET 2 OF 6			

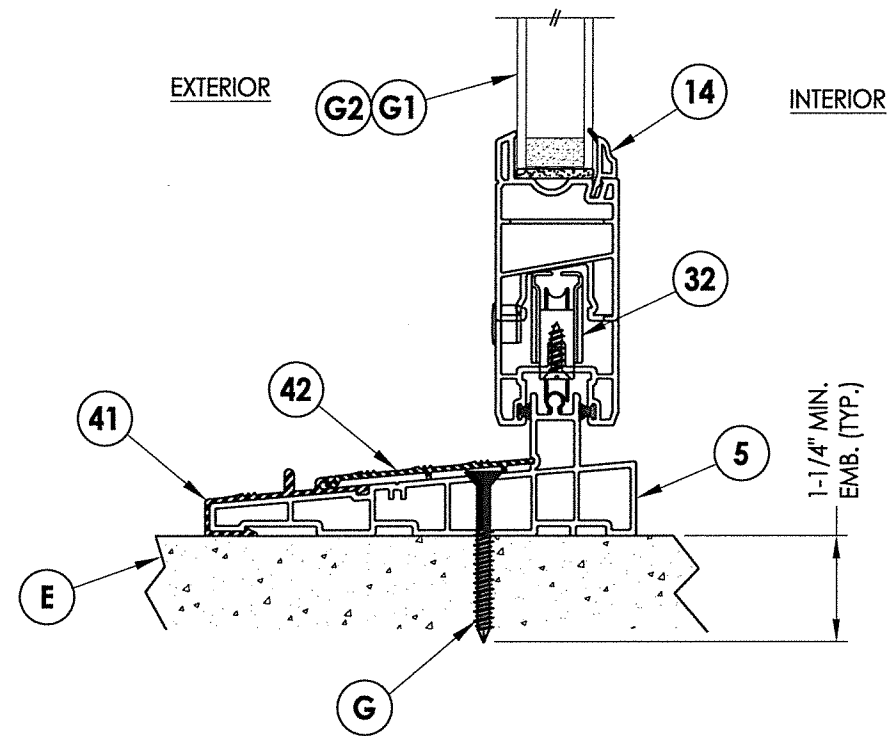
\\dc01\wbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-34551 - Sliding Patio Doors\C - Drawings\FL-34551.4.dwg



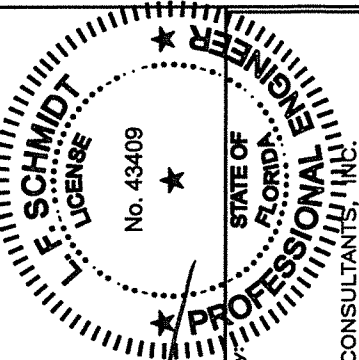
1 VERTICAL CROSS SECTION
3 Shown w/ 2X Buck @ Head & Direct to Masonry @ Sill

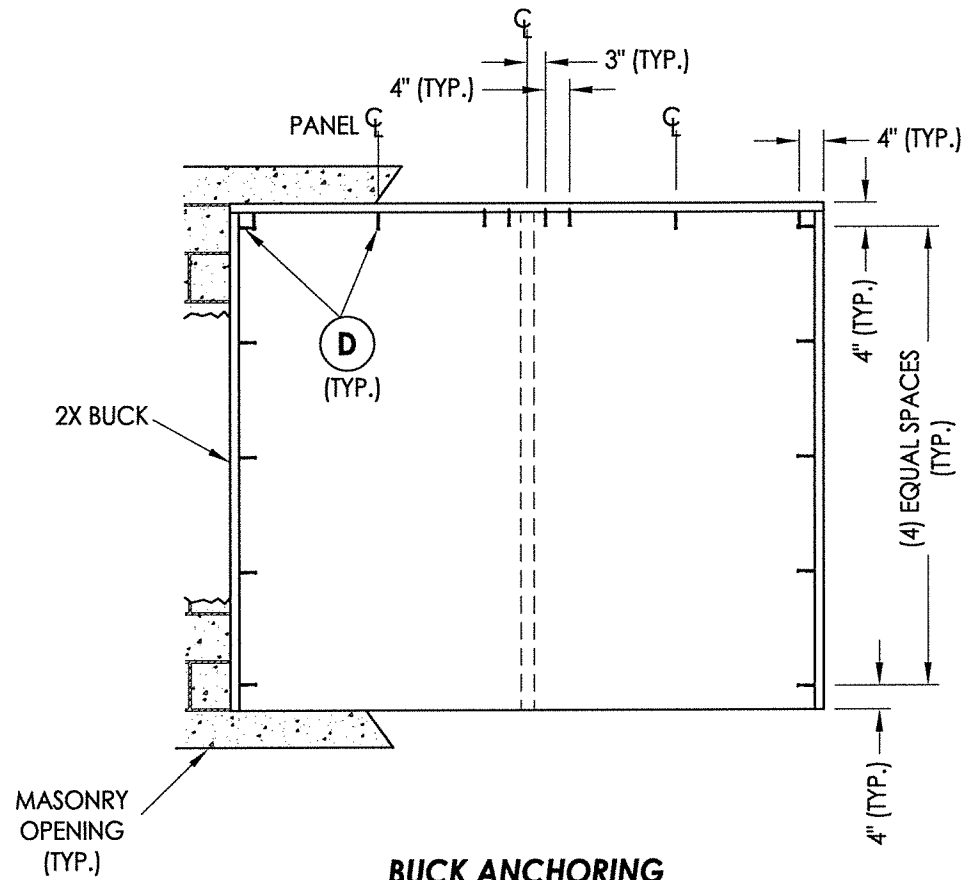


2 VERTICAL CROSS SECTION
3 Shown w/ 1X Buck

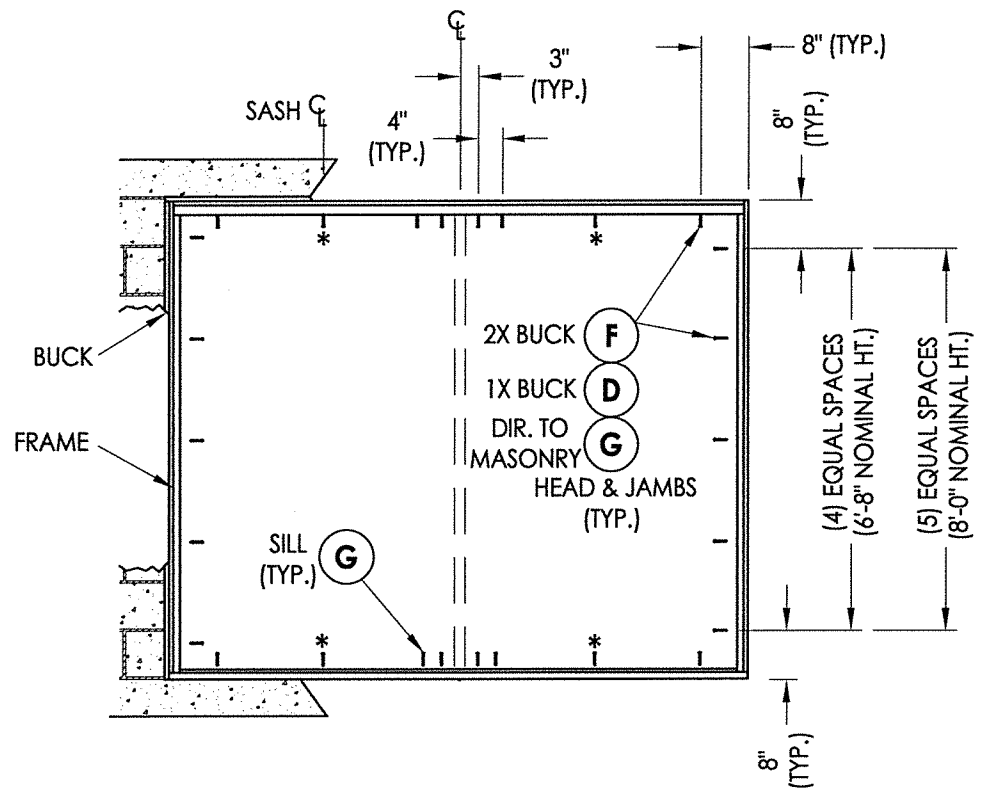


3 VERTICAL CROSS SECTION

	
October 21, 2020	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
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:	VERTICAL CROSS SECTIONS
NO.	DATE
BY	REVISIONS
DATE: 10/15/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-34551.4	
SHEET 3 OF 6	



BUCK ANCHORING MASONRY



FRAME ANCHORING

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

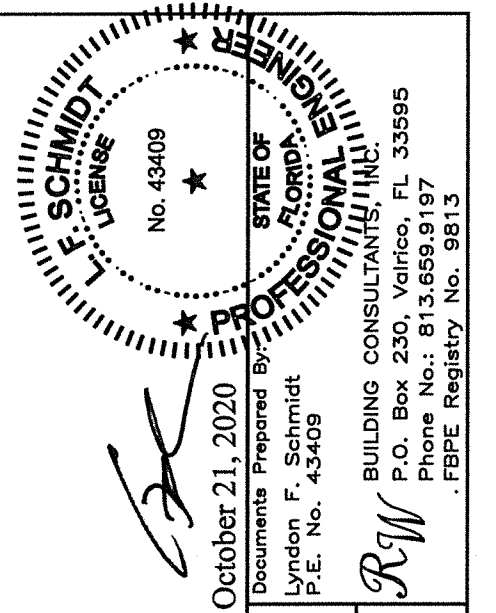
CONCRETE ANCHOR NOTES:

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.



DATE: 10/15/20		REVISIONS NO. DATE BY	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-34551.4			
SHEET 4 OF 6			
PRODUCT: SLIDING PATIO DOORS		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	

Technical drawing of a mechanical part with the following dimensions:

- 0.37"
- 0.06"
- 0.65"
- 0.075"
- 5.63"
- 0.98"

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

A circular professional engineer seal for E. Schmidt, License No. 43409, State of Florida. The seal features a double-lined circular border. Between the lines, the text "E. SCHMIDT" is written along the top arc, "LICENSE" along the left arc, "PROFESSIONAL ENGINEER" along the bottom arc, and "STATE OF FLORIDA" along the right arc. In the center of the seal, the text "No. 43409" is displayed above a single five-pointed star.

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

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, a height of 1.63 inches, and a fillet radius of 0.075 inches on the left side.

Technical drawing of a mechanical part with dimensions: 1.23 inch, 0.075 inch, and 1.63 inch.

Diagram of a single lap joint with a width dimension of 0.8'.

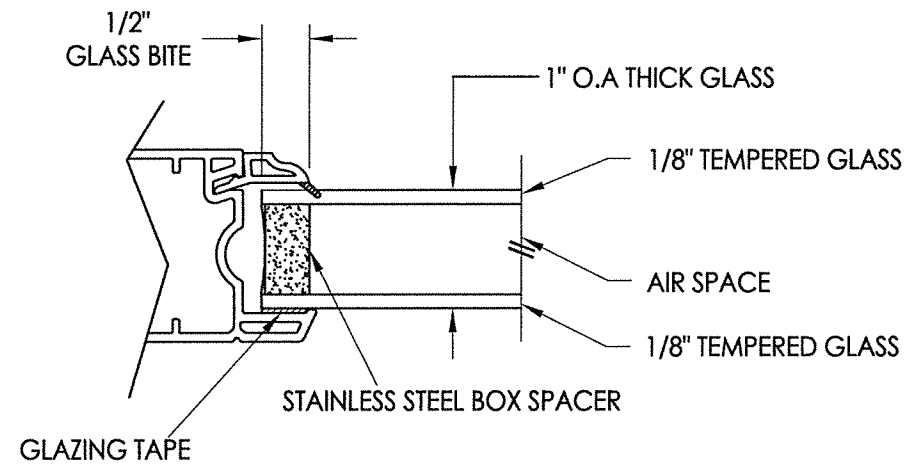
Diagram of a rectangular cross-section with a width dimension of 0.8 inches.

PRODUCT:	SUNRISE WINDOWS
PART OR ASSEMBLY:	COMPONENTS
DATE:	10/15/20
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-34551.4
SHEET	5 OF 6

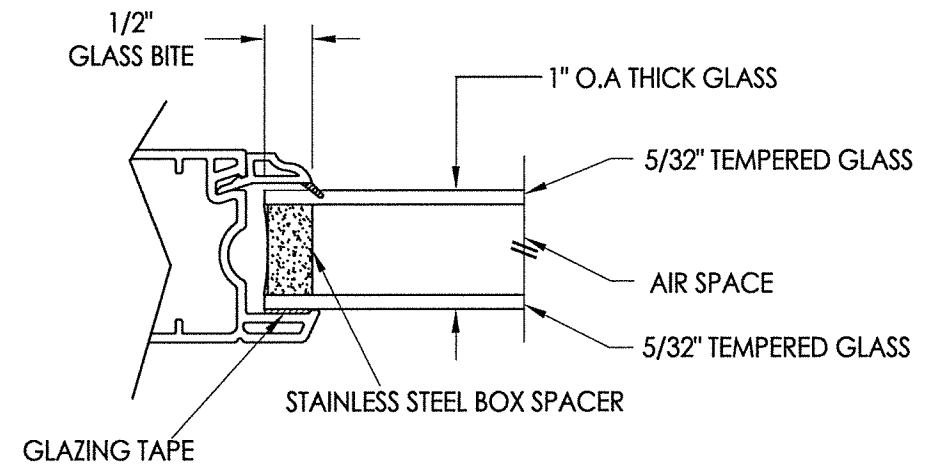
© 2020 R.W. BUILDING CONSULTANTS INC.

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

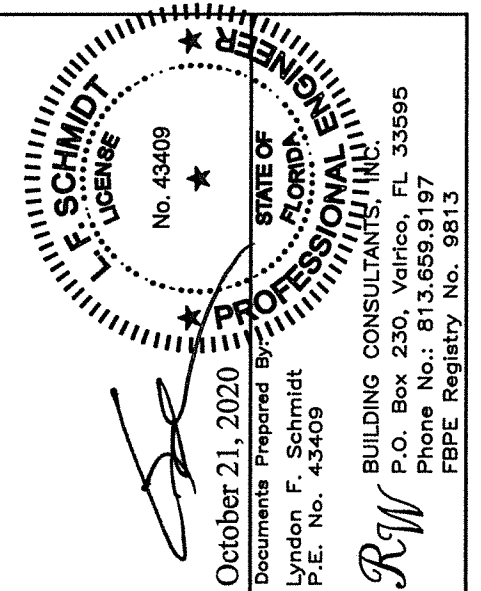
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL



G2 GLAZING DETAIL

[illegible]