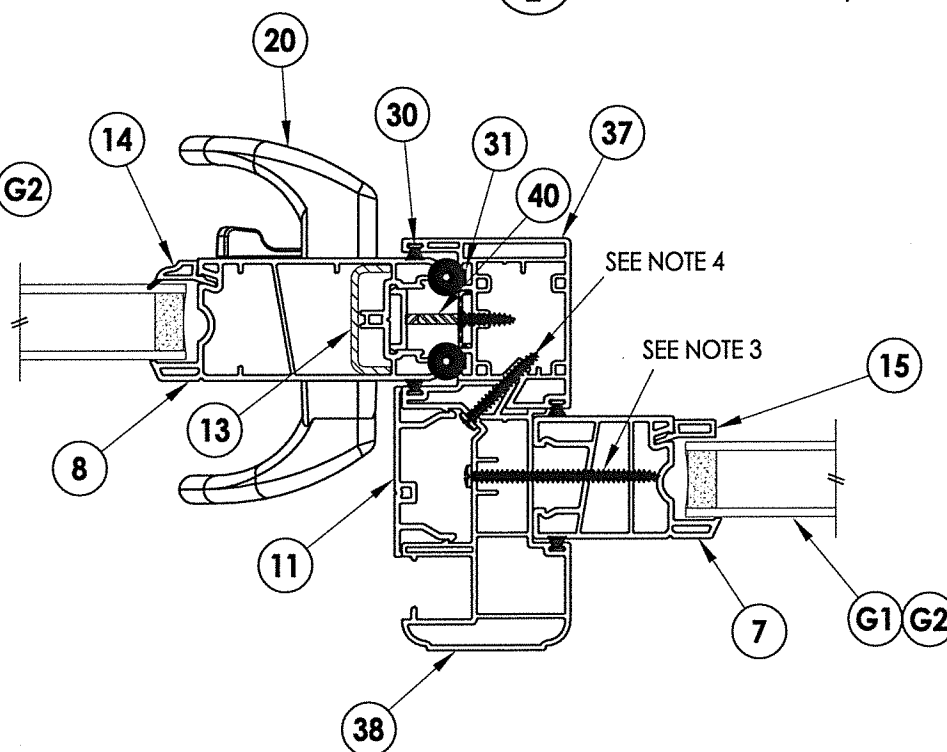
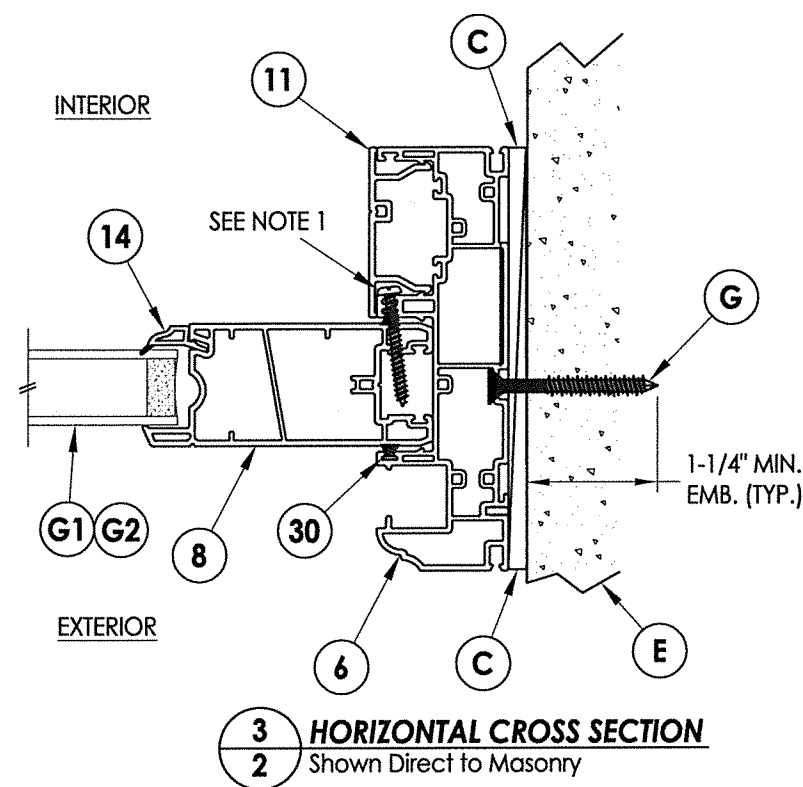
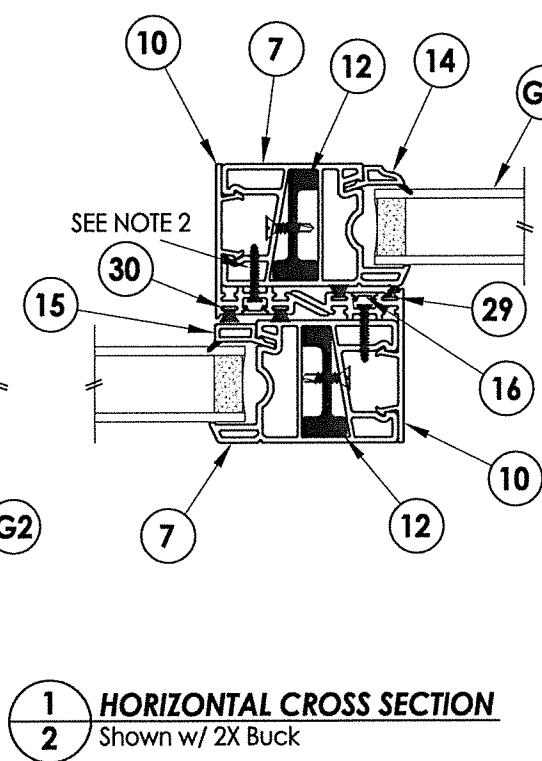
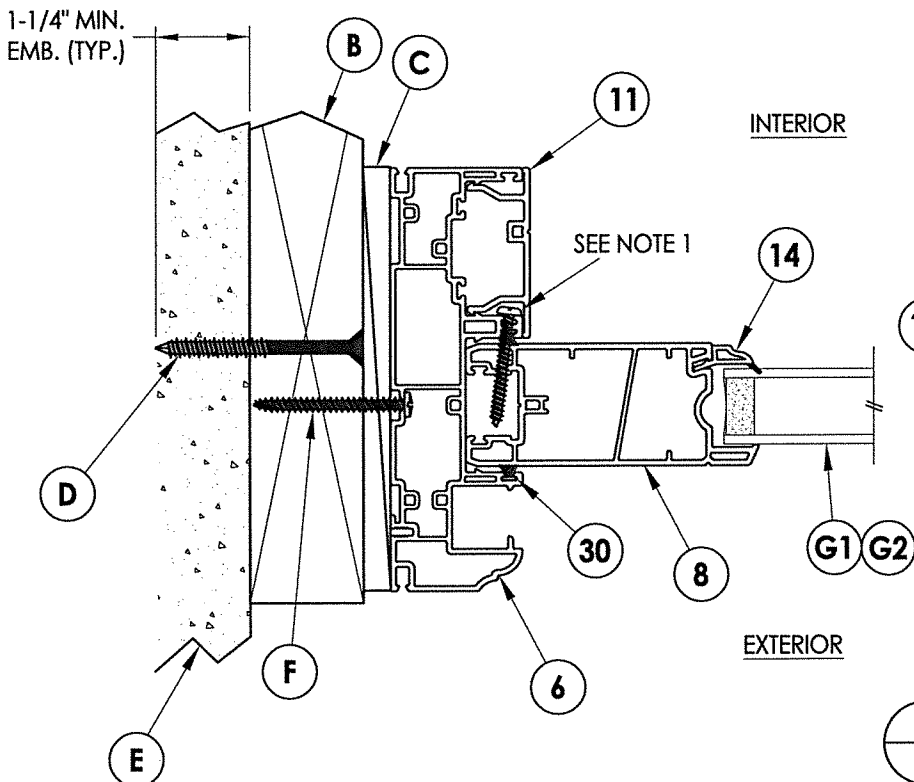
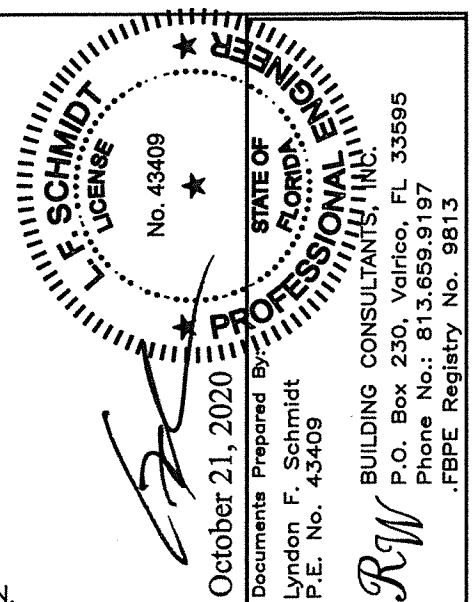
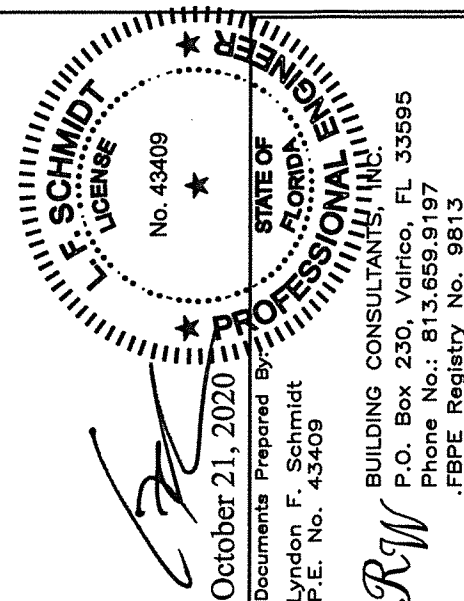
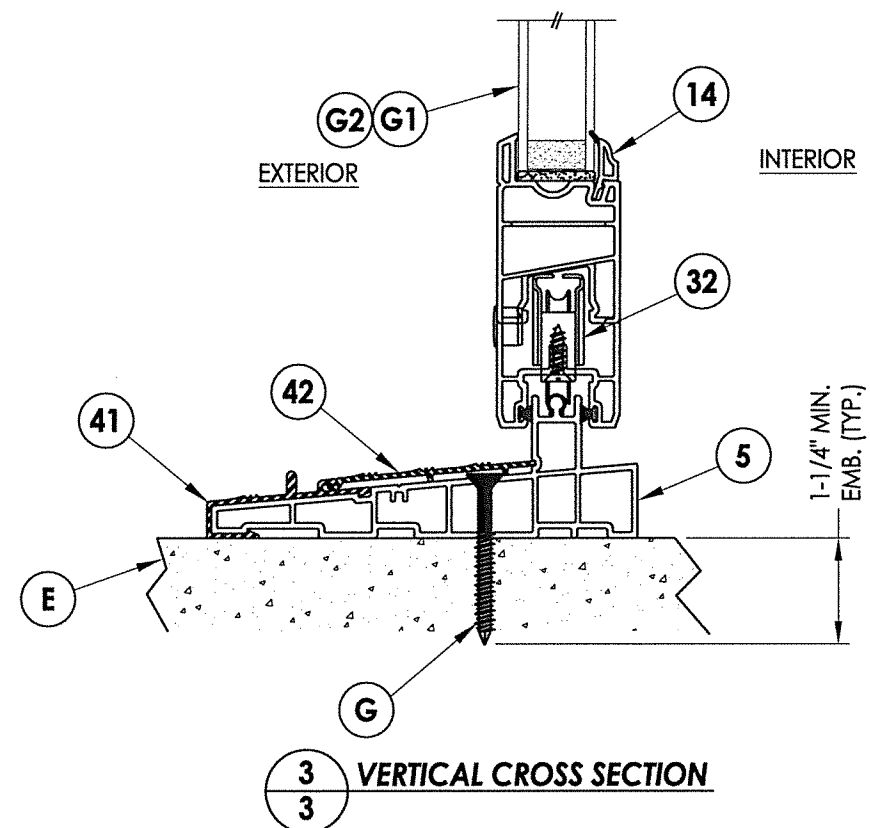
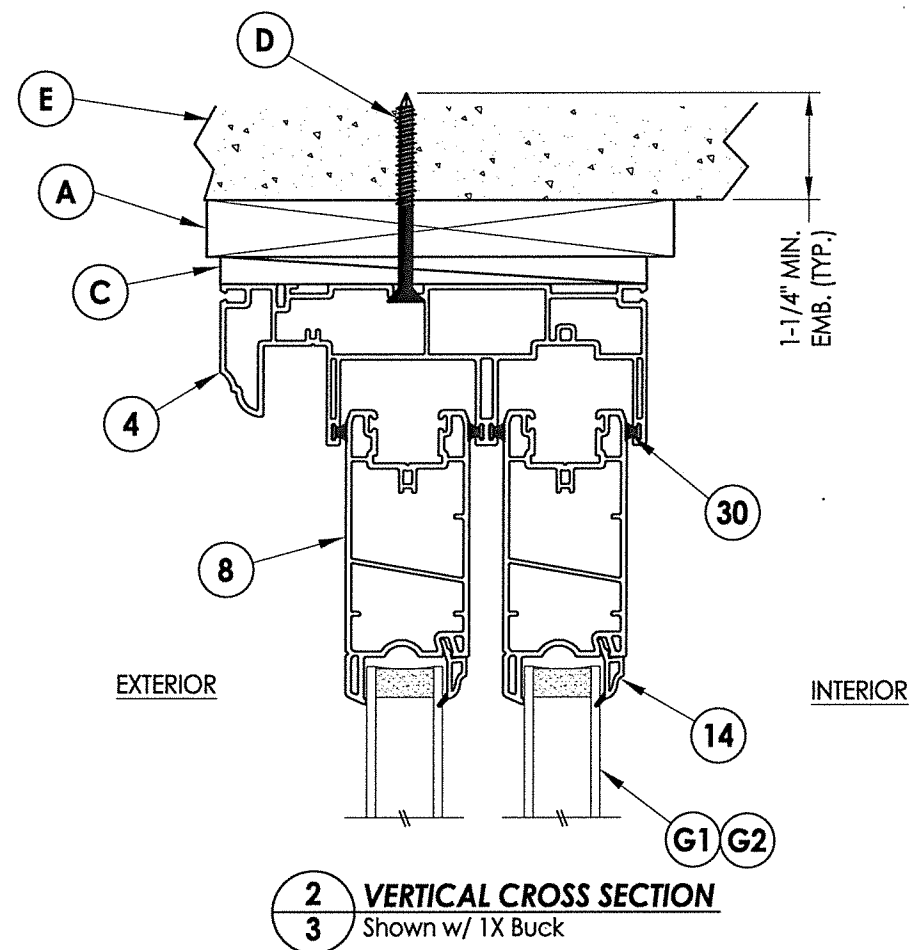
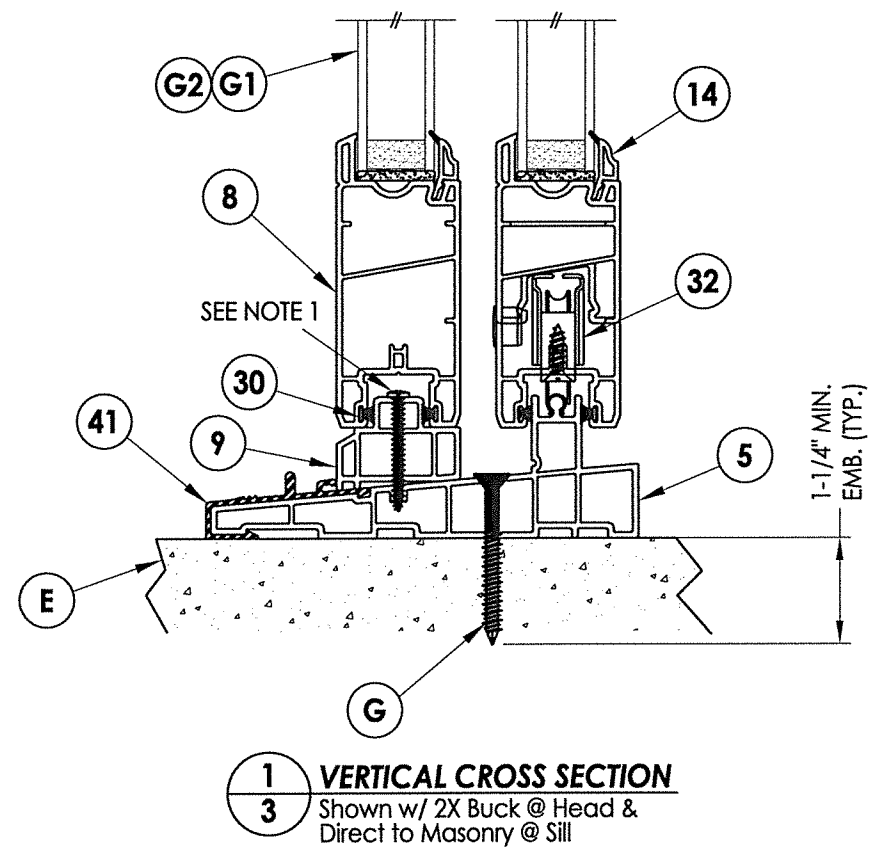
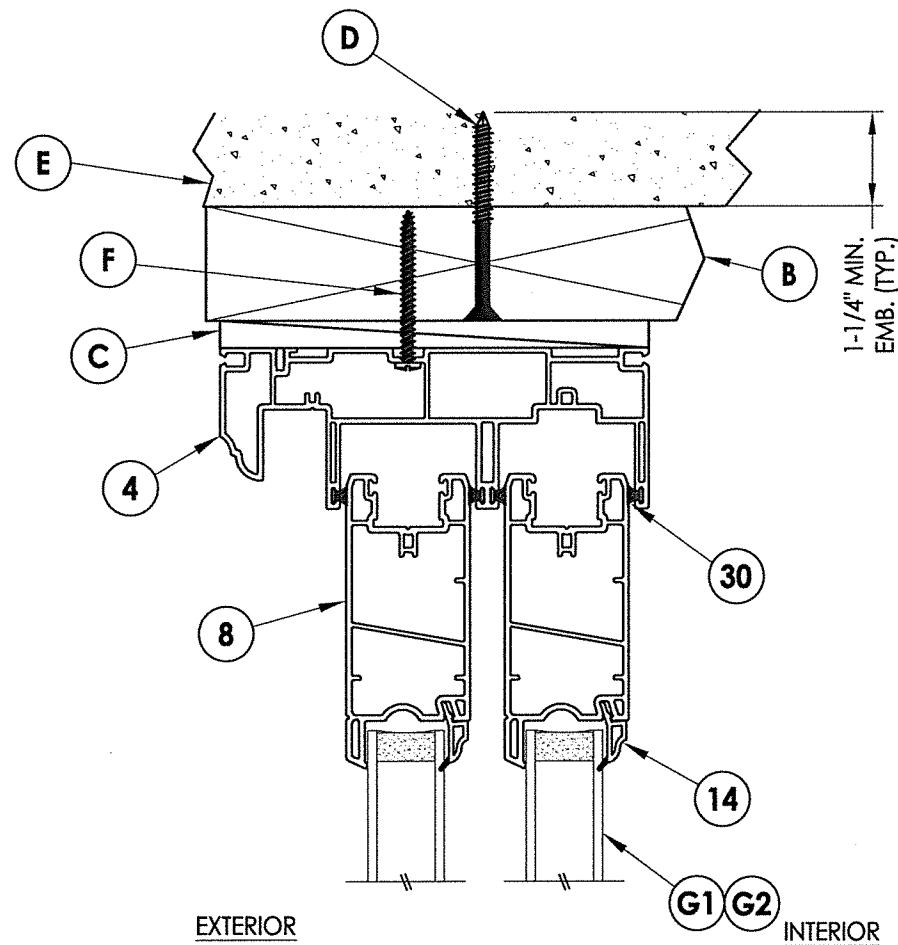




- NOTES:
1. FIXED SASH PANEL SECURED TO JAMB w/ (3) #8 X 1-1/4" PH SMS LOCATED 6" FROM ENDS AND @ CENTERLINE.
 2. INTERLOCK SECURED w/ (3) #8 X 3/4" PH SMS LOCATED 12" FROM ENDS AND @ CENTERLINE.
 3. FIXED SASH PANEL SECURED TO ASTRAGAL w/ (5) #8 X 2-1/2" PH SMS LOCATED 10" FROM ENDS PLUS 3 MORE EQUALLY SPACED.
 4. EXTERIOR ASTRAGAL SECURED TO INTERIOR ASTRAGAL w/ (5) #8 X 1-1/4" PH SMS LOCATED 13.5" FROM ENDS PLUS 3 MORE EQUALLY SPACED.

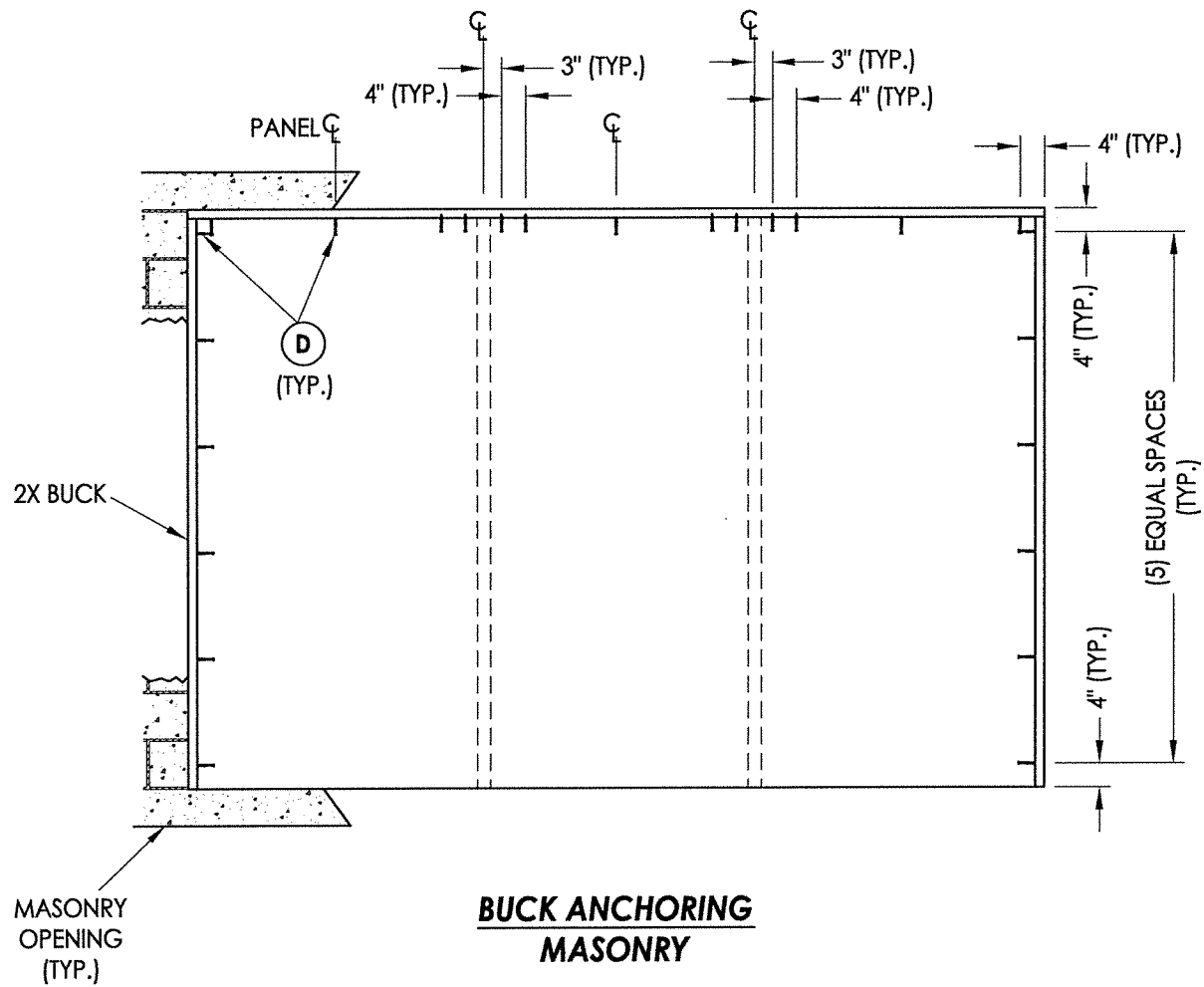


PRODUCT:		SLIDING PATIO DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
DATE:	10/15/20		
SCALE:	N.T.S.		
DWG. BY:	RW		
CHK. BY:	LFS		
DRAWING NO.:	FL-34551.11		
SHEET	2	OF	6

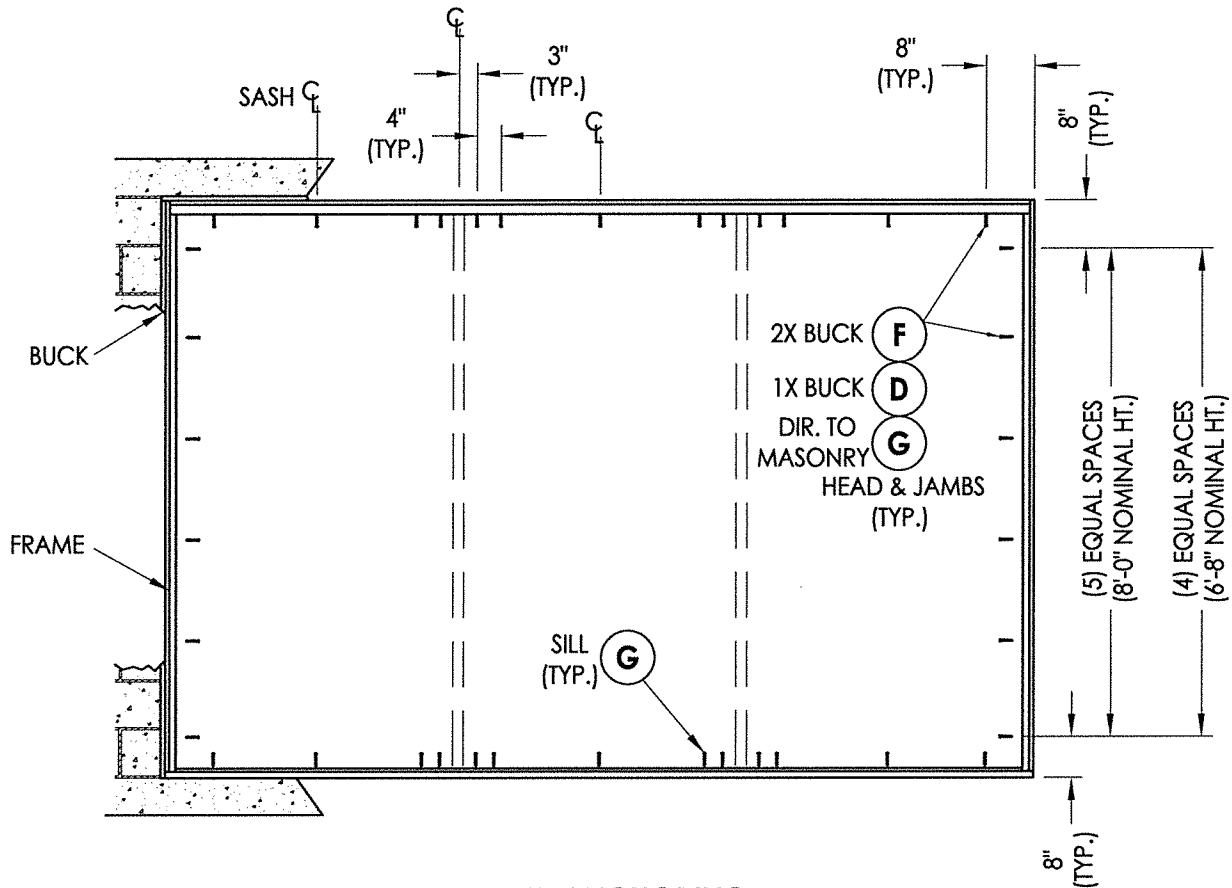


PRODUCT:		SLIDING PATIO DOORS	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
NO.		DATE	
BY		REVISIONS	
DATE: 10/15/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-34551.11			
SHEET 3 OF 6			

\\dc01\vwbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-34551 - Sliding Patio Doors\C - Drawings\FL-34551.11.dwg



**BUCK ANCHORING
MASONRY**



FRAME ANCHORING

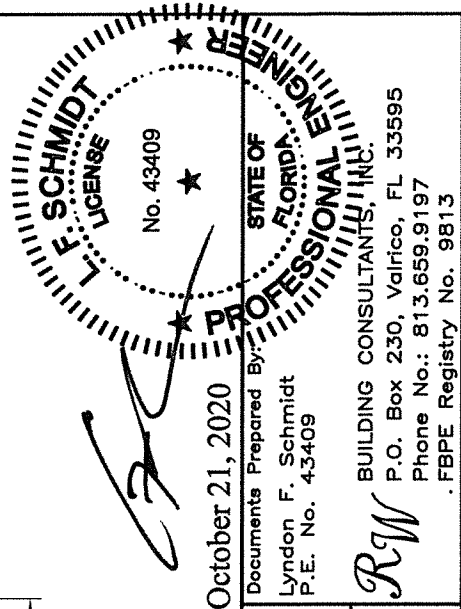
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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:

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



October 21, 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:
SLIDING PATIO DOORS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	BY

DATE: 10/15/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-34551.11
SHEET 4 OF 6

Technical drawing of a mechanical part with the following dimensions:

- 0.37"
- 0.06"
- 0.65"
- 0.075"
- 0.86"
- 5.63"

Technical drawing of a mechanical part with the following dimensions:

- Top width: 1.87"
- Left height: 0.41"
- Internal width: 0.075"
- Bottom width: 2.5"
- Right height: 1.43"

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 height of 1.63 inches, a bottom flange width of 3.88 inches, and a fillet radius of 0.075 inches on the left side.

Technical drawing of a cross-section of a mechanical part. The drawing shows a central rectangular feature with a width of 1.63 inches. Above this feature is a smaller rectangular protrusion with a height of 0.075 inches. The total height of the part, including the base, is 1.23 inches.

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

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

0.34"

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions in inches. The drawing includes a vertical dimension of 2.25" on the left, a horizontal dimension of 1.79" at the top right, a small vertical dimension of 0.07" in the center, and a horizontal dimension of 3.22" at the bottom.

0.06"

2.75"

A circular professional engineer seal for the State of Florida. The outer ring contains the text "L. F. SCHMIDT" on the left and "PROFESSIONAL ENGINEER" on the right, separated by stars. The inner ring contains "STATE OF FLORIDA". The center of the seal displays "LICENSE" and "No. 43409" with stars. A vertical line is drawn through the seal, and a diagonal line is drawn from the bottom left towards the center.

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

PART OR ASSEMBLY:

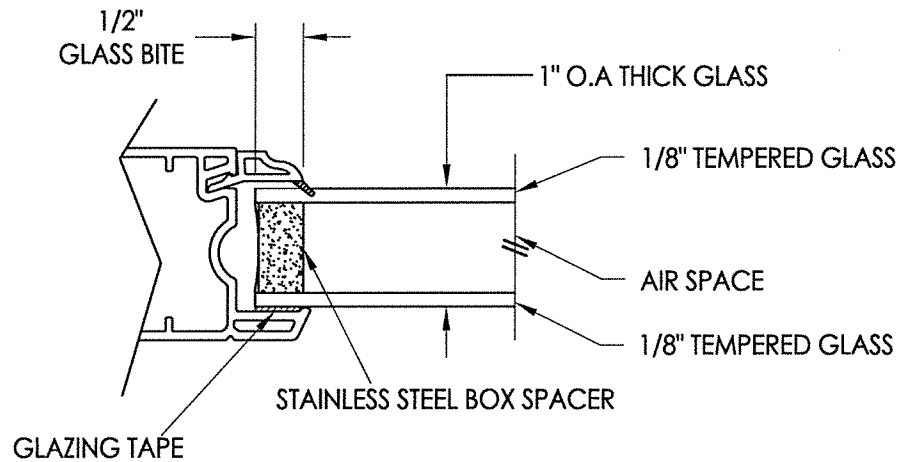
COMPONENTS

© 2020 R.W. BUILDING CONSULTANTS INC.

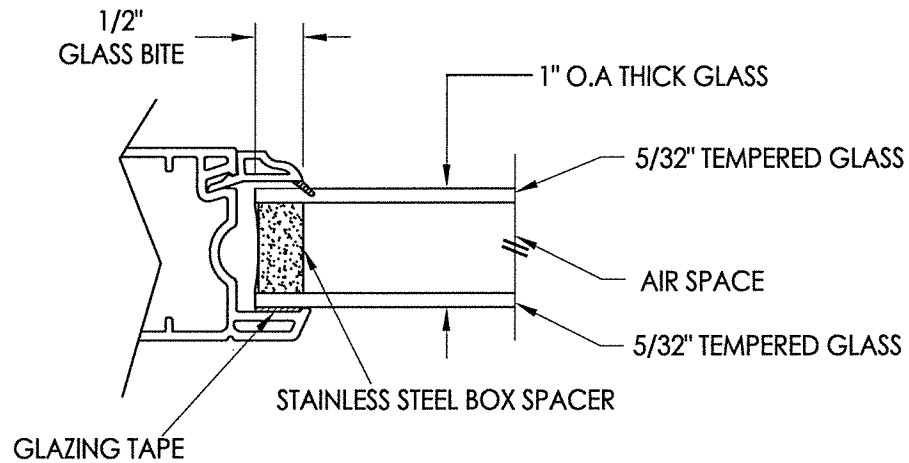
\\dc01\rwbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-34551 - Sliding Patio Doors\C - Drawings\FL-34551.11.dwg

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.	-
37	ASTRAGAL INTERIOR*	RIGID PVC
38	ASTRAGAL EXTERIOR*	RIGID PVC
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

★

FLORIDA

★

NO. 43409

★

LYNDON F. SCHMIDT

★

P.E. LICENSE

October 21, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E. 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

PRODUCT: SUNRISE WINDOWS		PART OR ASSEMBLY: BILL OF MATERIALS & GLAZING DETAILS	
		NO.	DATE
		BY	
REVISIONS			
DATE: 10/15/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-34551.11			
SHEET 6 OF 6			