

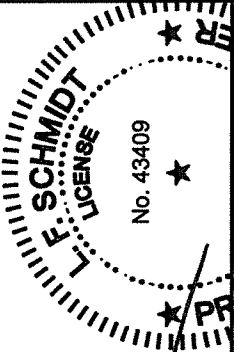


-
- 1-1/4" MIN.
EMB. (TYP.)
- INTERIOR
- SEE NOTE 1
- EXTERIOR
- 1
2
- HORIZONTAL C
Shown w/ 2X Buck

-
- A detailed cross-sectional diagram of a double door assembly. The diagram shows two door panels, each with a central vertical section. Various components are labeled with circled numbers and letters. At the top, labels 10, 7, 12, 14, G1, and G2 point to the upper frame and door components. On the left, label 30 points to a vertical component, and label 15 points to a horizontal component. In the center, label 29 points to a vertical component. On the right, label 16 points to a horizontal component, and label 10 points to a vertical component. At the bottom, labels 7, 12, and 10 point to the lower frame and door components. The text "SEE NOTE 2" is located on the left side of the diagram.

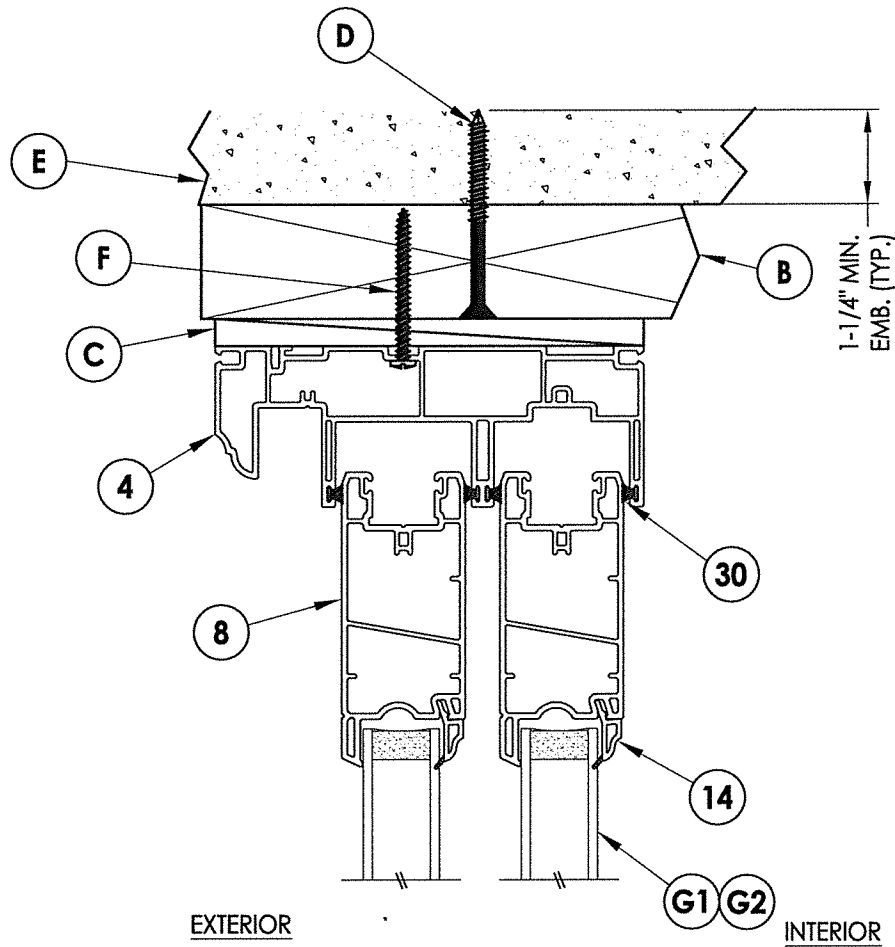
-
- 2**
2 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck


October 21, 2020
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409

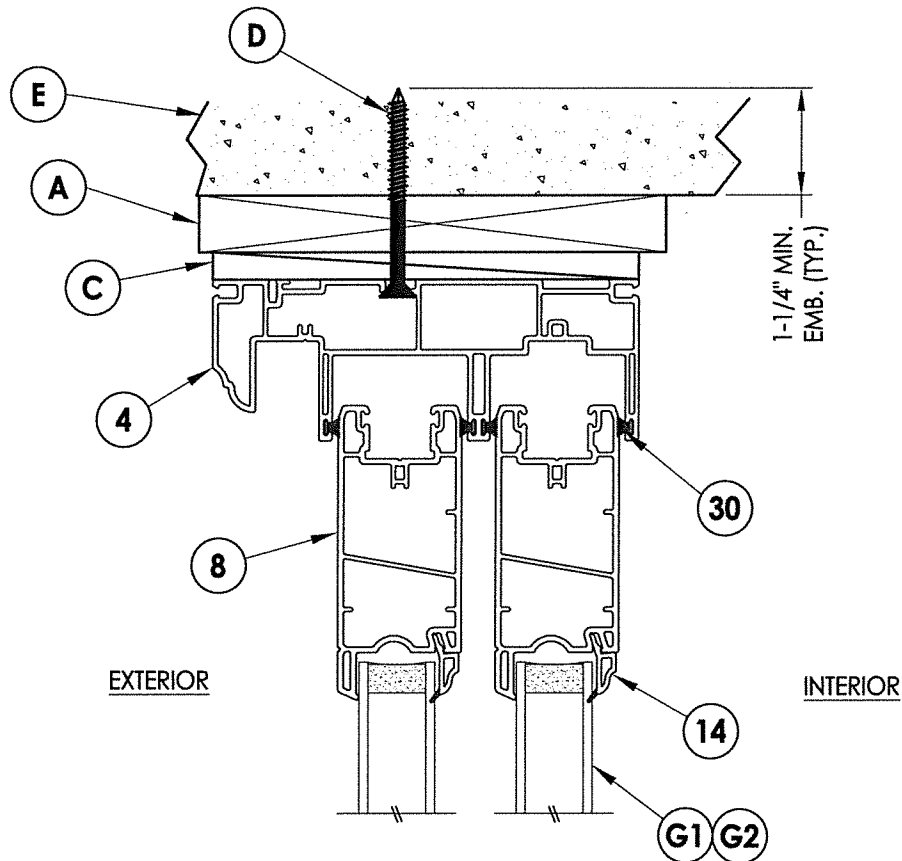
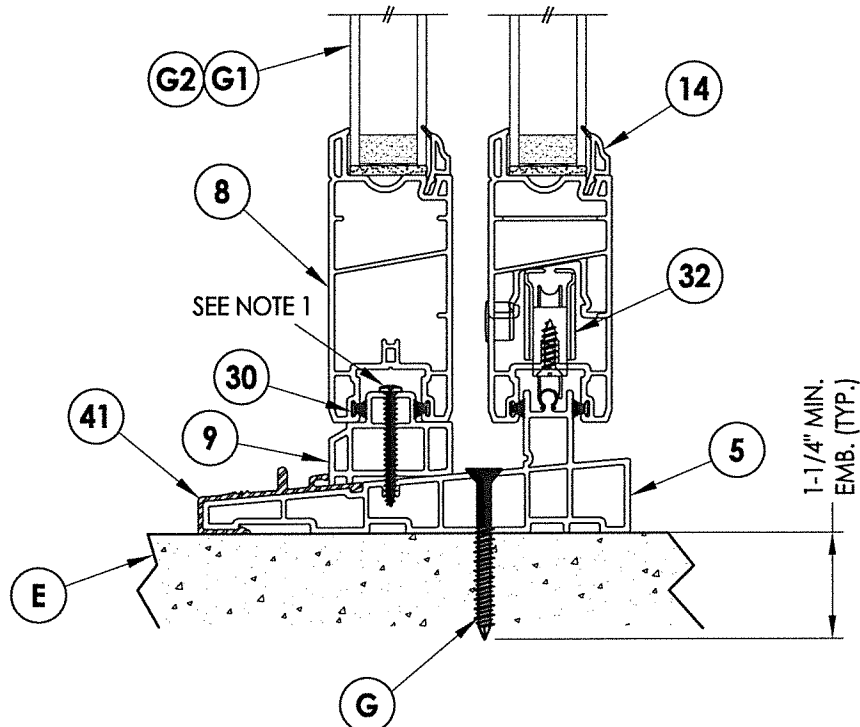


RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

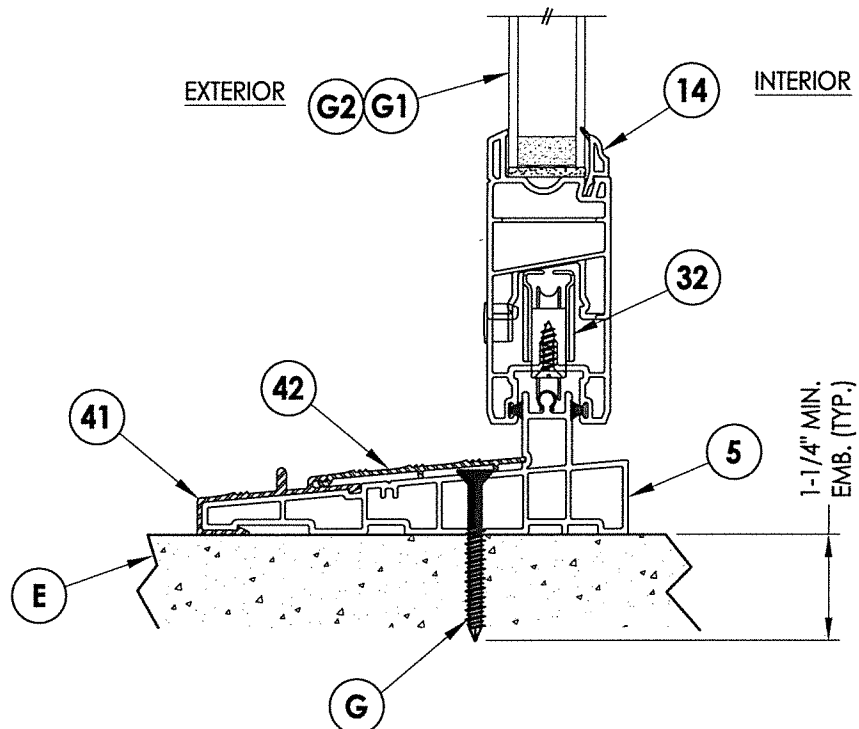
DATE: 10/15/20		NO. DATE REVISIONS		BY		PRODUCT: SLIDING PATIO DOORS PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-34551.1							
SHEET 2 OF 6							



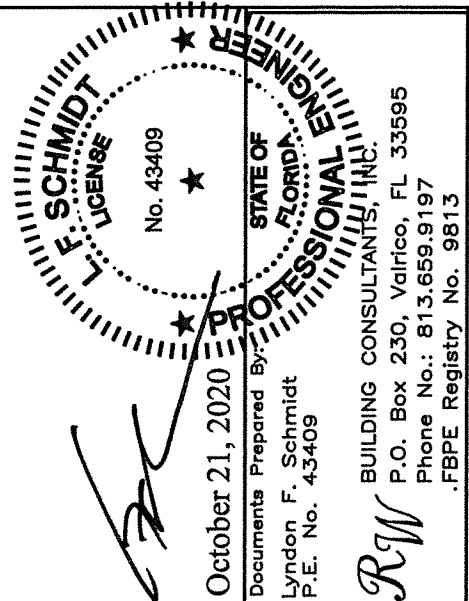
1 VERTICAL CROSS SECTION
3 Shown w/ 2X Buck @ Head & Direct to Masonry @ Sill



2 VERTICAL CROSS SECTION
3 Shown w/ 1X Buck



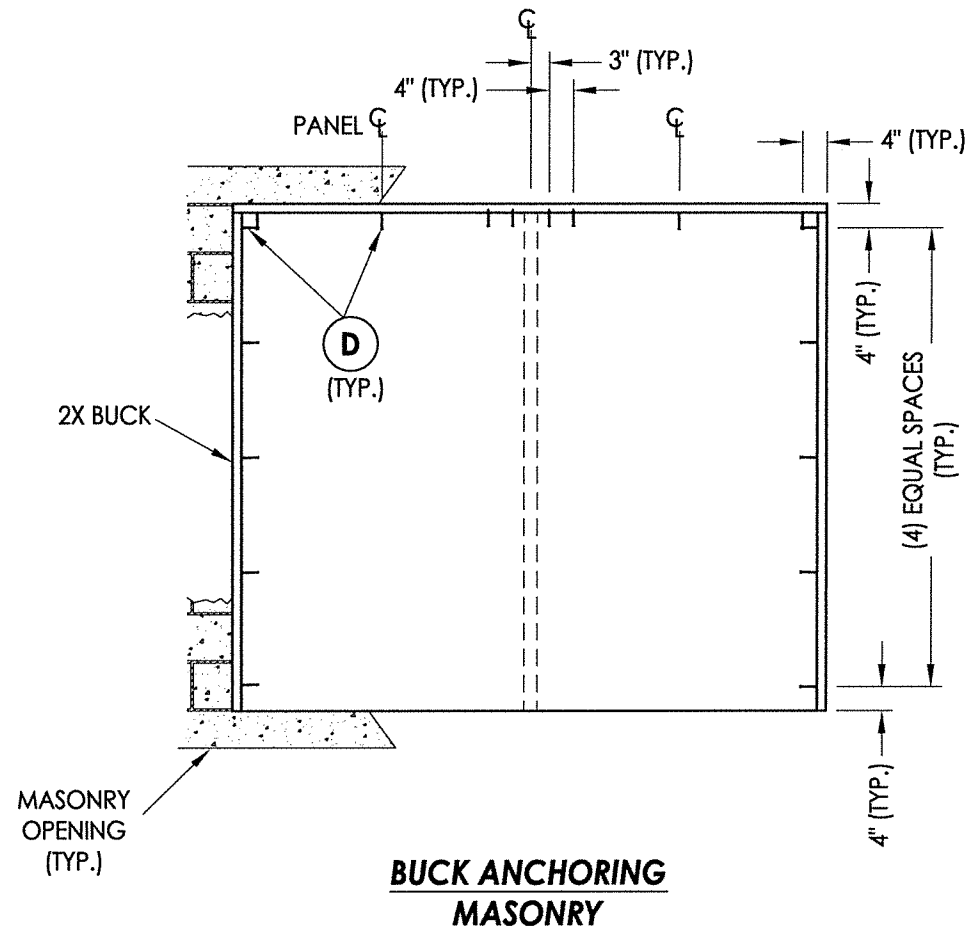
3 VERTICAL CROSS SECTION
3



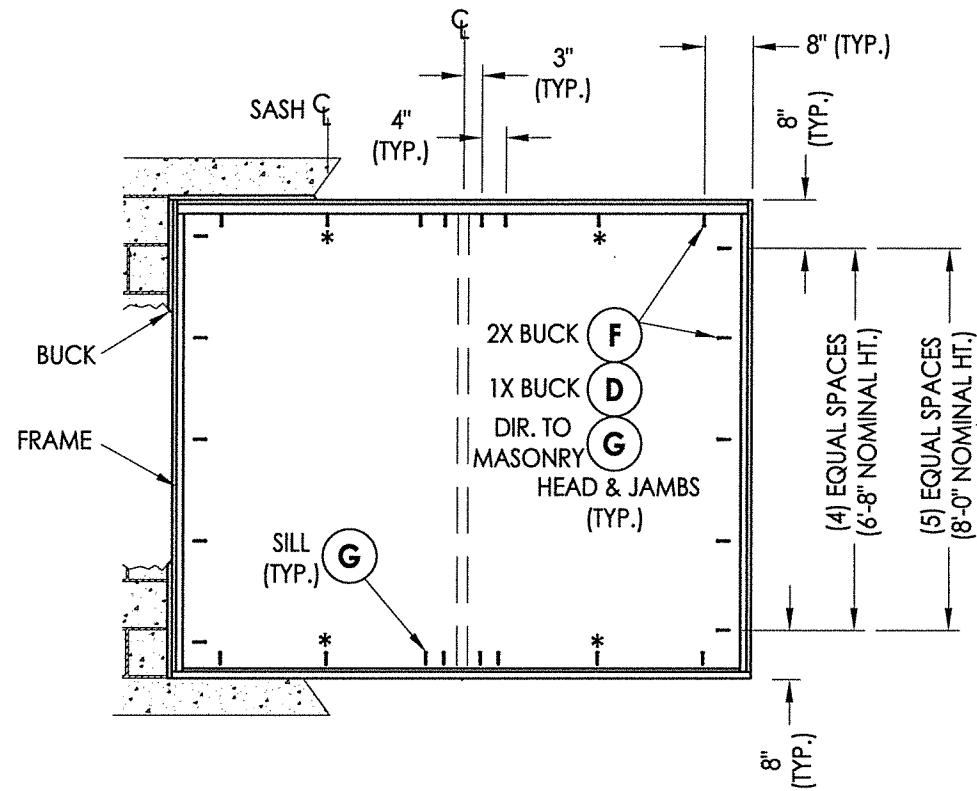
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PRODUCT:		PART OR ASSEMBLY:	
SLIDING PATIO DOORS		VERTICAL CROSS SECTIONS	
		NO.	DATE
		BY	
REVISIONS			
DATE: 10/15/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-34551.1			
SHEET 3 OF 6			

R:\Clients\Sunrise Windows\A - Florida Product Approvals\FL-34551 - Sliding Patio Doors\C - Drawings\FL-34551.1.dwg, 1.4



**BUCK ANCHORING
MASONRY**



FRAME ANCHORING

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

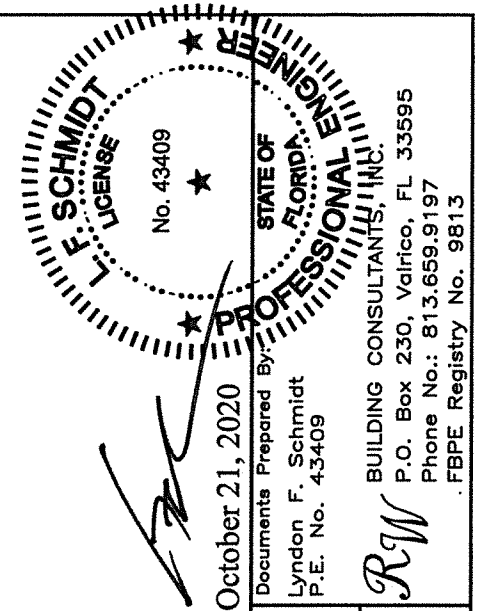
CONCRETE ANCHOR NOTES:

- 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.



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

PRODUCT:
SLIDING PATIO DOORS

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

DATE: 10/15/20

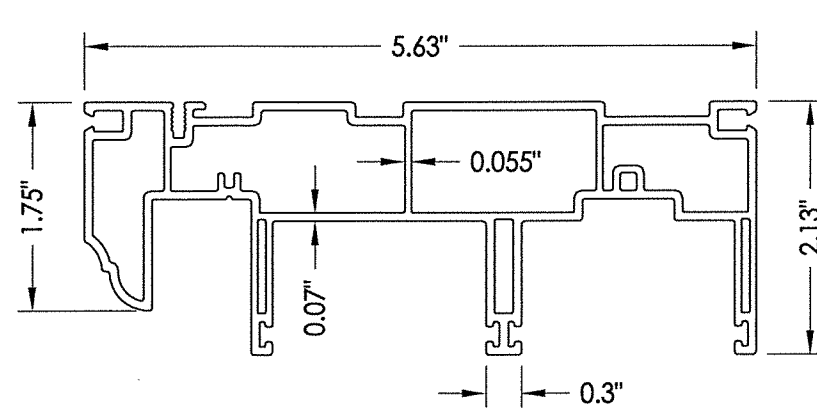
SCALE: N.T.S.

DWG. BY: RW

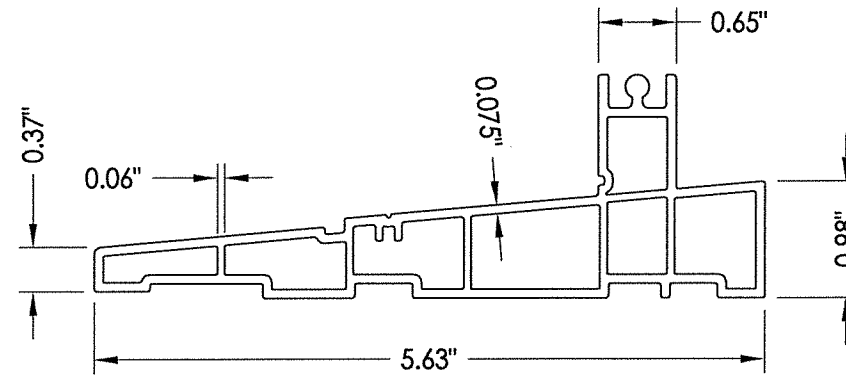
CHK. BY: LFS

DRAWING NO.:
FL-34551.1

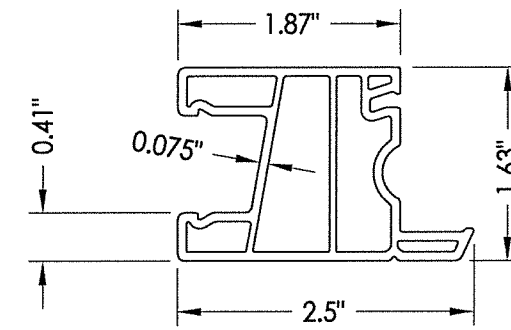
SHEET 4 OF 6



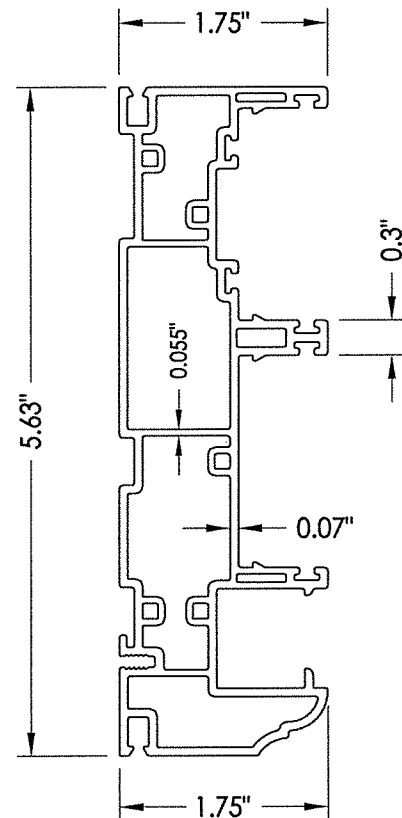
4 PD HEAD JAMB



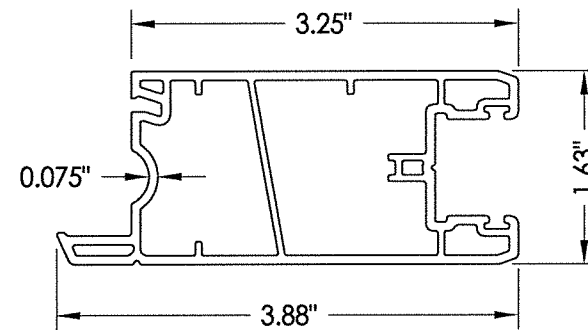
5 PD SILL



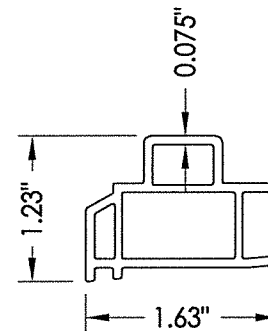
7 PD SASH
Meeting Stile



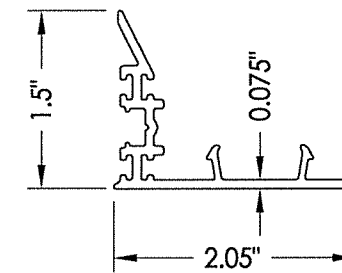
6 PD JAMB



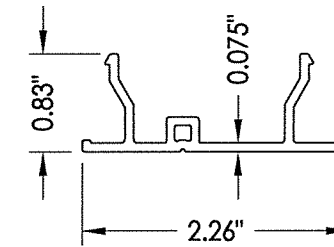
8 PD SASH
Jamb Stile



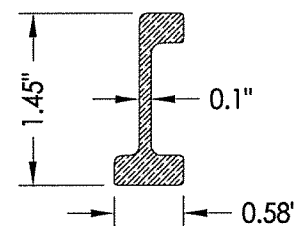
9 RISER



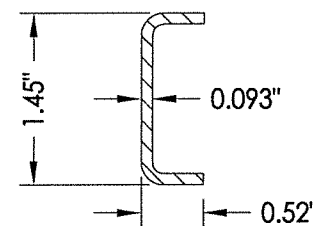
10 INTERLOCK
Meeting Stile



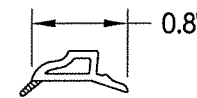
11 JAMB COVER



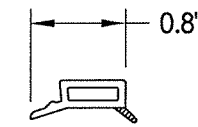
12 REINFORCEMENT



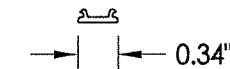
13 REINFORCEMENT



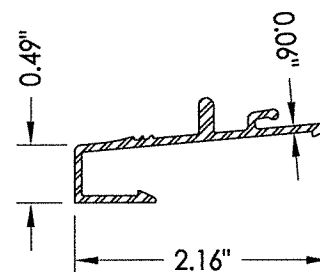
14 GLAZING BEAD



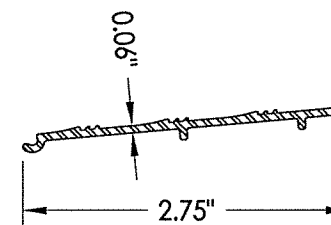
15 GLAZING BEAD



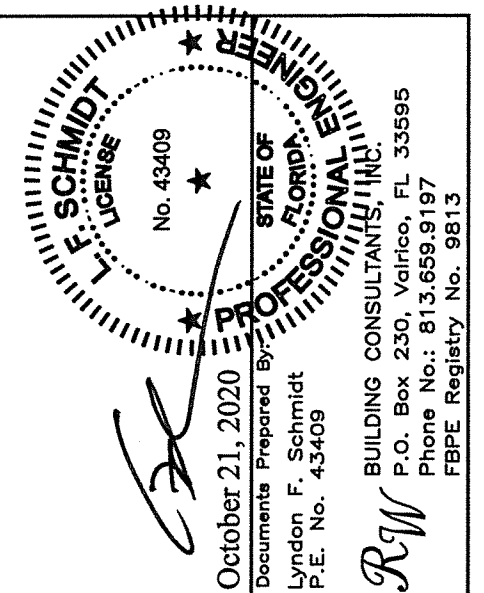
16 INTERLOCK
SCREW COVER



41 SILL NOSING

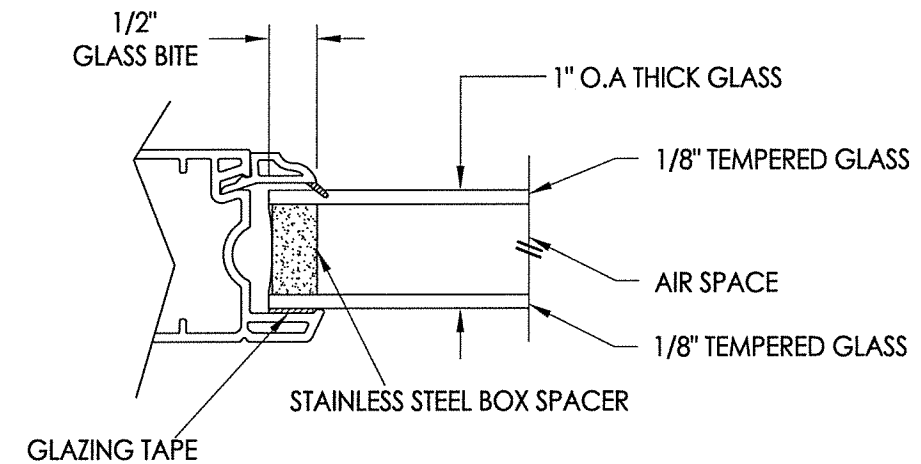


42 SILL EXTENDER

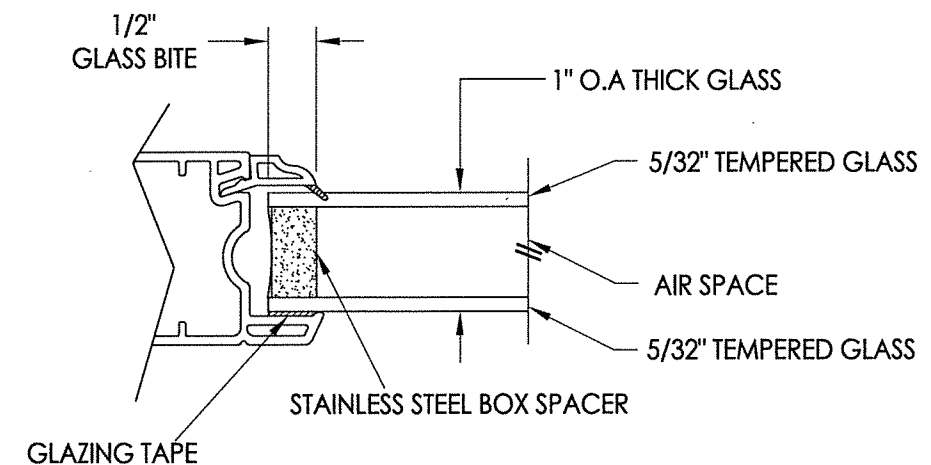
[illegible]

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

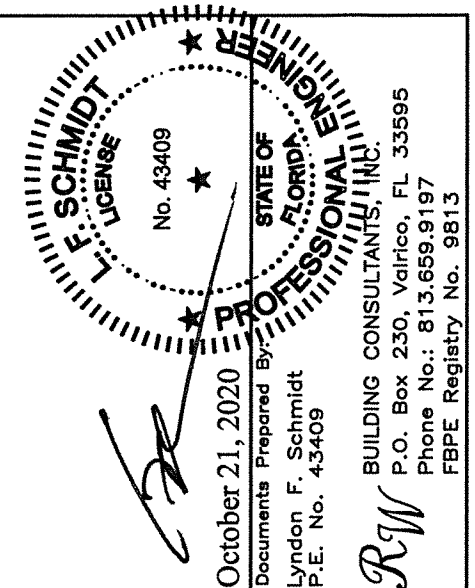
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL



G2 GLAZING DETAIL

[illegible]