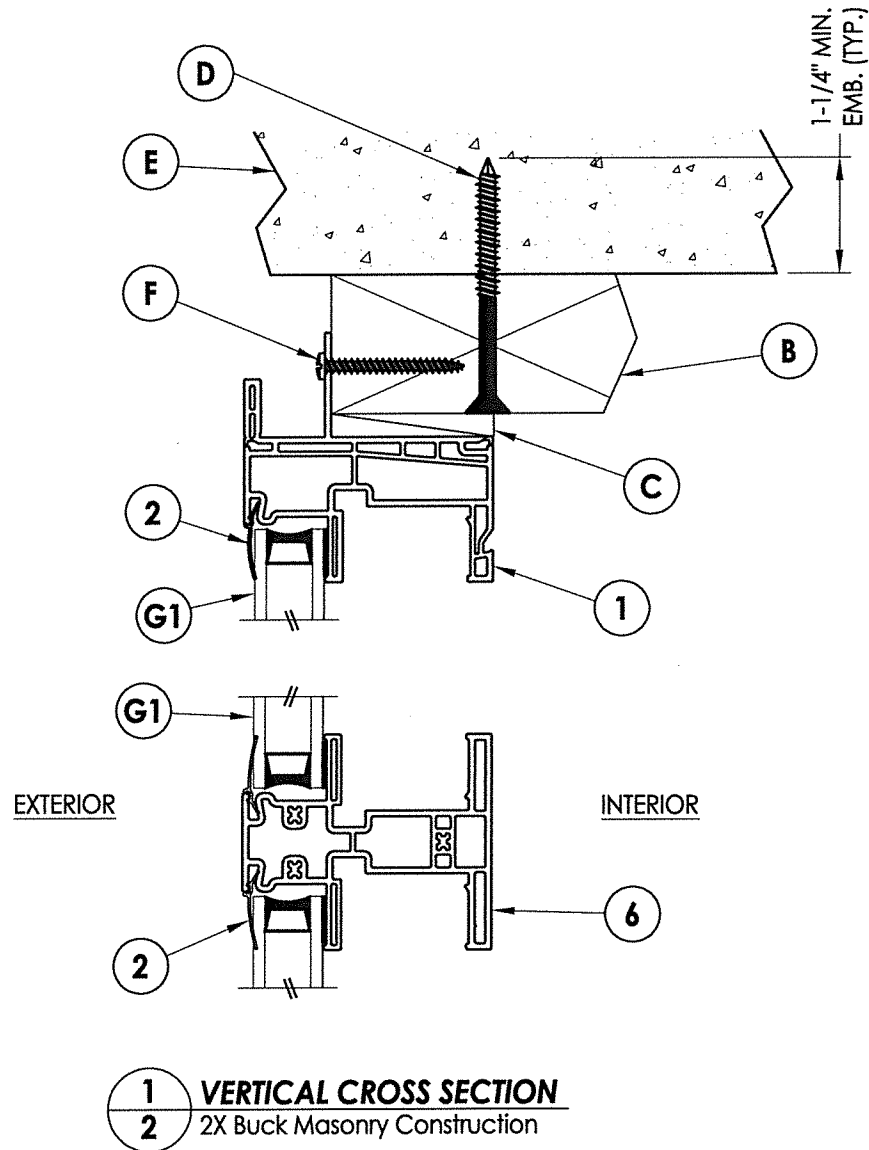
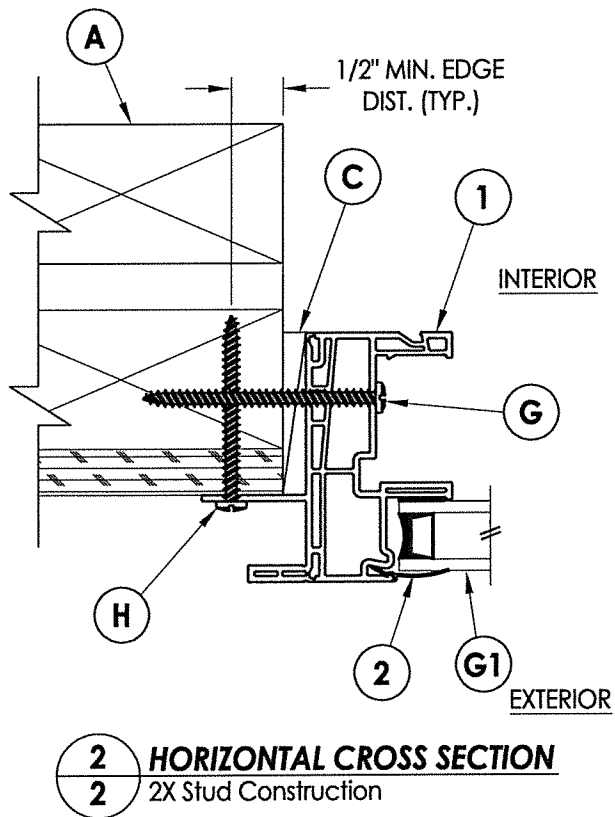
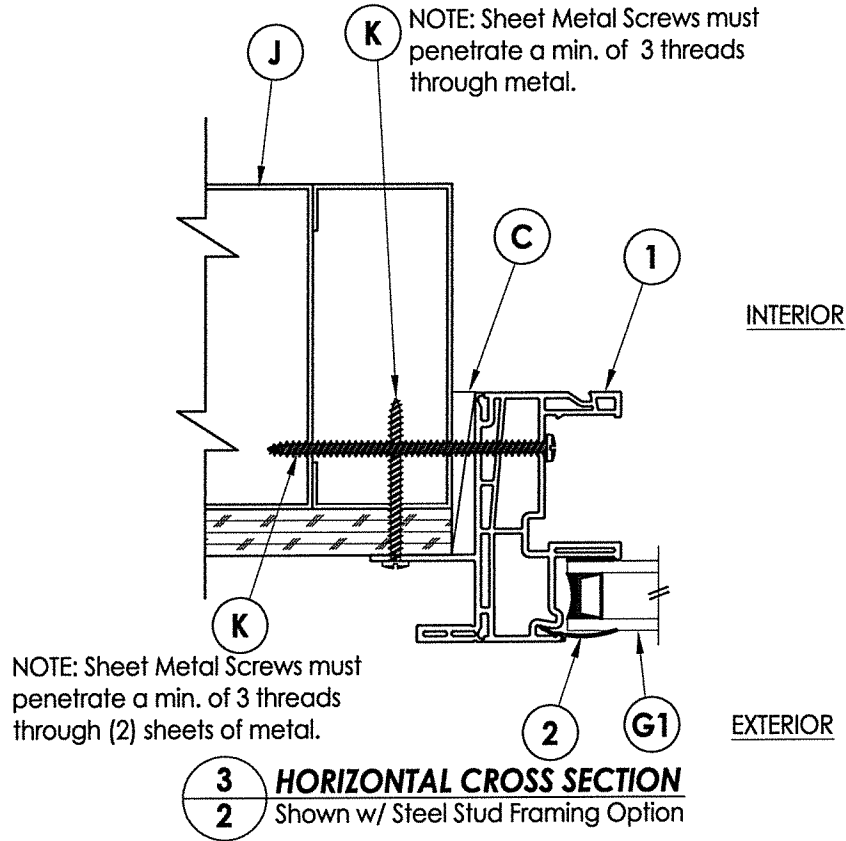
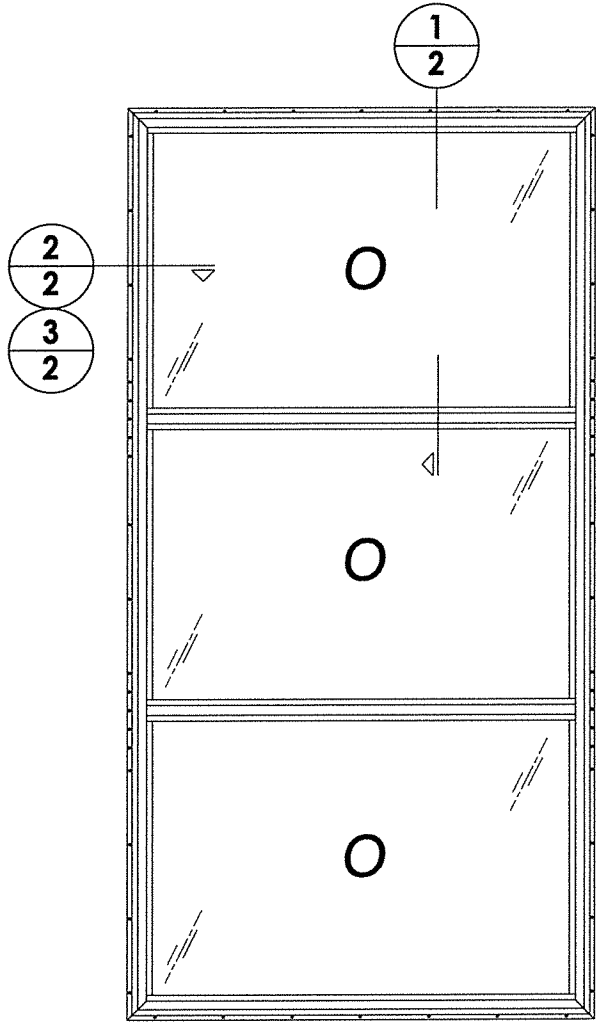




E. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

July 30, 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: NewSouth

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
2	7/30/20	UPDATE TO 7TH ED. (2020) FBC
1	9/22/17	UPDATE TO 6TH ED. (2017) FBC
JK		
BY		

DATE: 9/9/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15054.20
SHEET 2 OF 4

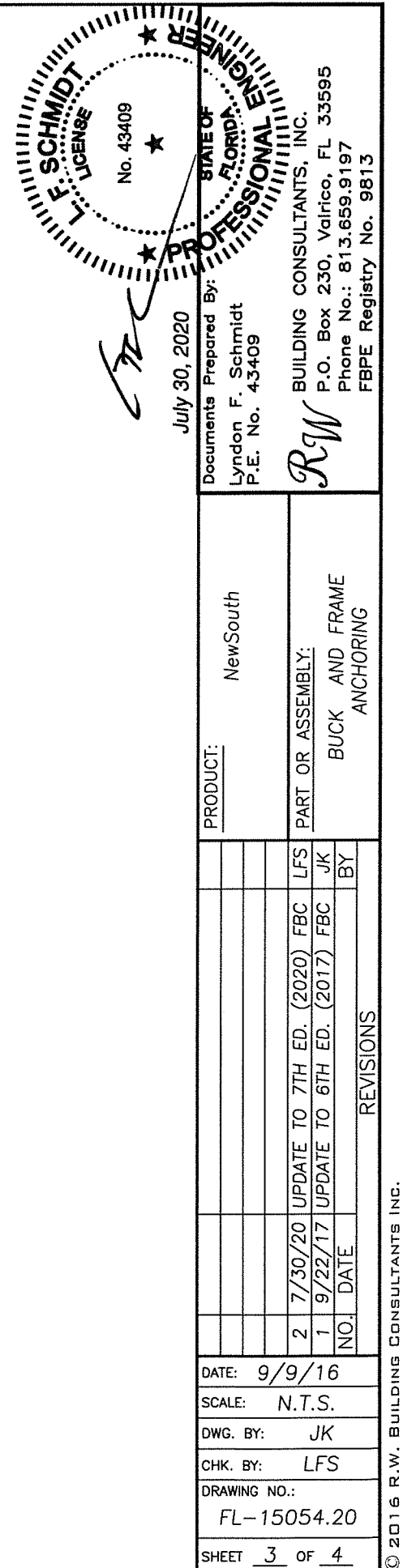
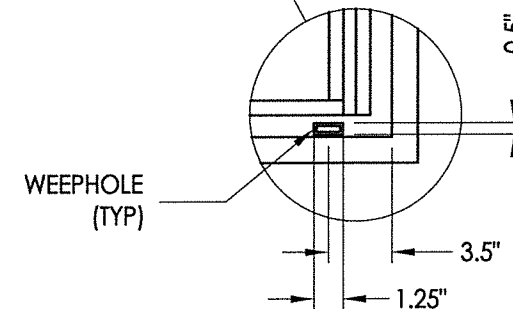
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Technical drawing of a window frame assembly showing cross-sections and dimensions. The drawing includes the following labels and dimensions:

- 8" MAX. O.C. (TYP.)**: Dimension for the top section.
- 3" (TYP.)**: Dimension for the top section.
- 3" (TYP.)**: Dimension for the top section.
- FRAME**: Label for the window frame.
- F 2X BUCK**: Label for the top section.
- H 2X STUD**: Label for the top section.
- K STEEL STUD (TYP.)**: Label for the top section.
- MULLION**: Label for the mullion.
- 4" (TYP.)**: Dimension for the mullion.
- 2" (TYP.)**: Dimension for the mullion.
- 3" (TYP.)**: Dimension for the mullion.
- MULLION**: Label for the mullion.
- 2X BUCK**: Label for the bottom section.
- MASONRY OPENING**: Label for the masonry opening.
- 2X BUCK G**: Label for the bottom section.
- 2X STUD G**: Label for the bottom section.
- STEEL STUD K TYP.**: Label for the bottom section.
- 8" MAX. O.C. (TYP.)**: Dimension for the bottom section.

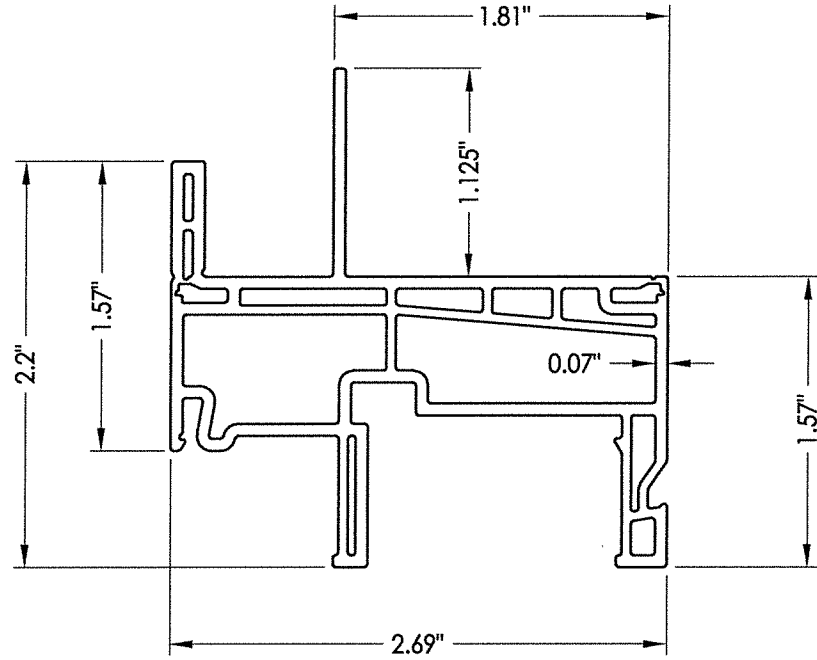
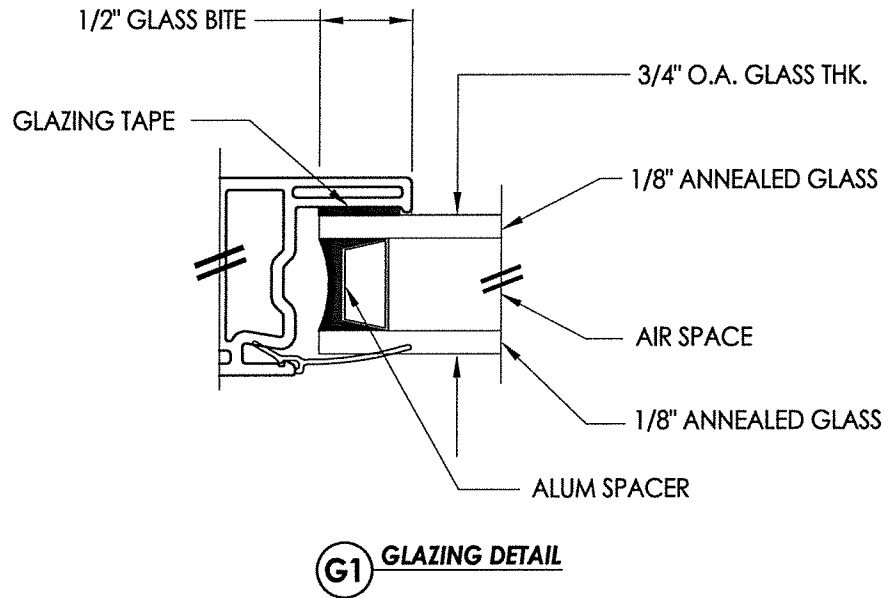
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRA CON®	1/4"	1-1/4"	1"	4"

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

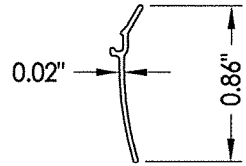


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	#10 X 2-1/2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
H	#10 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD*	RIGID PVC
6	MULLION*	RIGID PVC

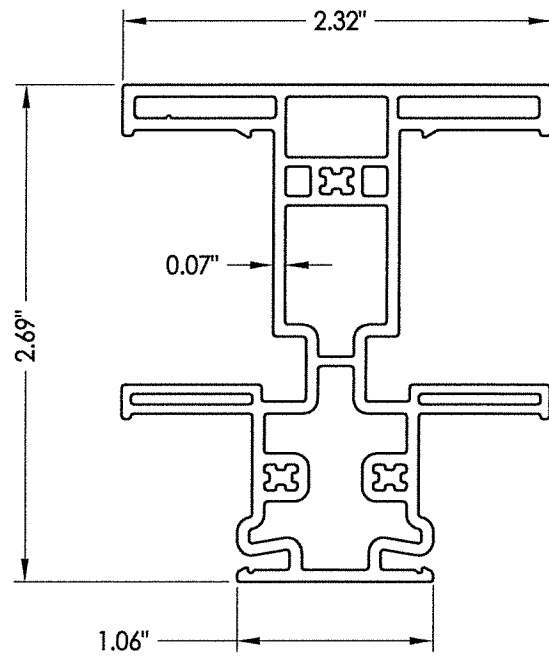
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



1 FRAME



2 GLAZING BEAD



6 MULLION

