

[Signature]

July 30, 2020

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

PRODUCT:
NewSouth

STATE OF FLORIDA
PROFESSIONAL ENGINEER

Part or Assembly:
HORIZONTAL CROSS SECTIONS

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

REVISONS	
NO.	DATE
2	7/29/20 UPDATE TO 7TH ED. (2020) FBC
1	9/22/17 UPDATE TO 6TH ED. (2017) FBC

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15054.13

SHEET 2 **OF** 5

DATE: 6/26/15

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SHEET 2 **OF** 5

Technical drawing showing a cross-section of a masonry opening. The opening is framed by a 2x buck. The drawing includes dimensions and labels:

- 11.5" MAX. O.C. (TYP.)**: Dimension indicating the maximum spacing of reinforcement bars.
- 4" (TYP.)**: Dimension indicating the typical thickness of the masonry wall.
- MASONRY OPENING**: Label pointing to the opening.
- 2X BUCK**: Label pointing to the buck.
- D (TYP.)**: Label indicating the diameter of the reinforcement bars.

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 ULTRACON®	1/4"	1-1/4"	1"	4"

4" (TYP.)

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Exts Prepared By: F. Schmidt No. 43409

Professional Engineer State of Florida

F. SCHMIDT LICENSE No. 43409

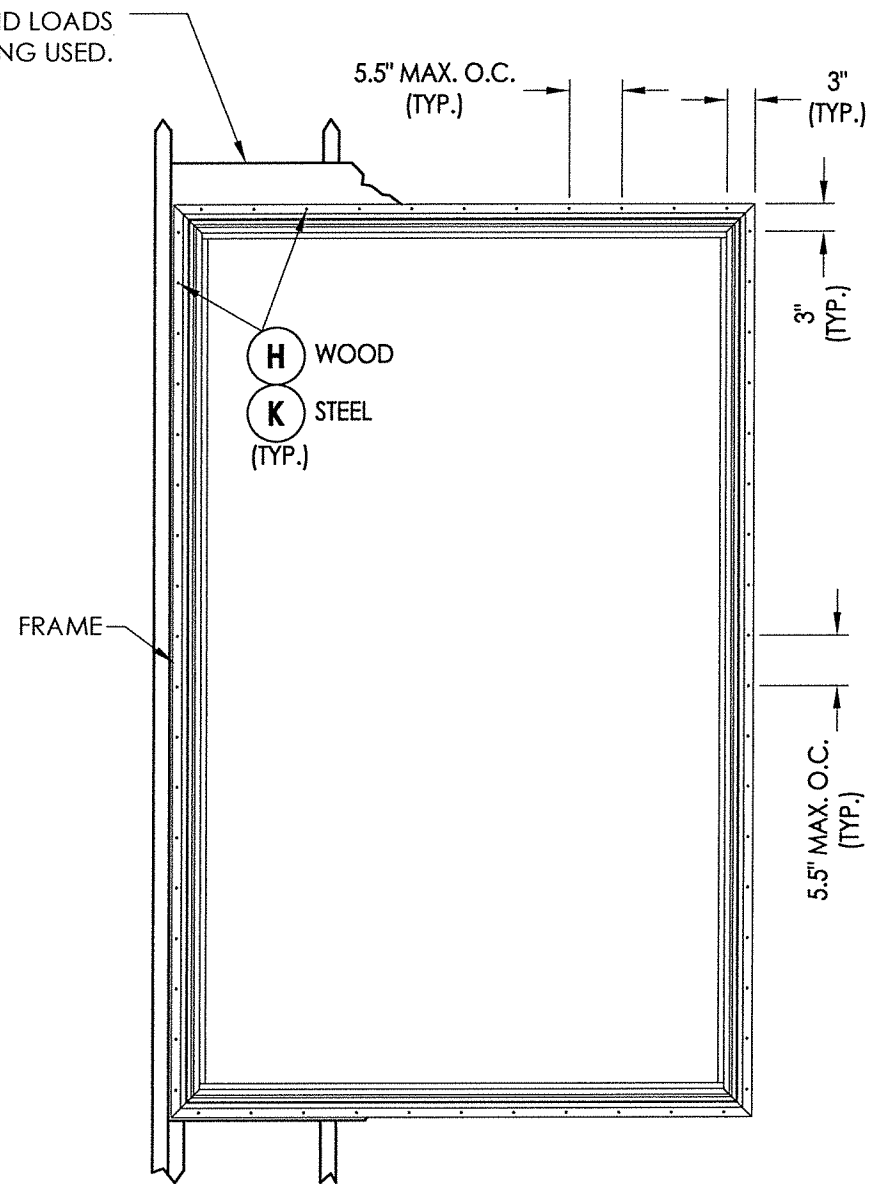
BUILDING CONSULTANTS, INC.
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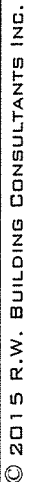
PART OR ASSEMBLY:

SHEET 3 OF 5

2X/STEEL STUD FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED.



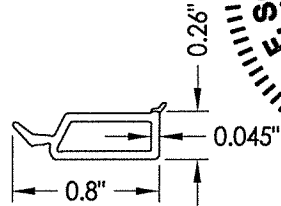
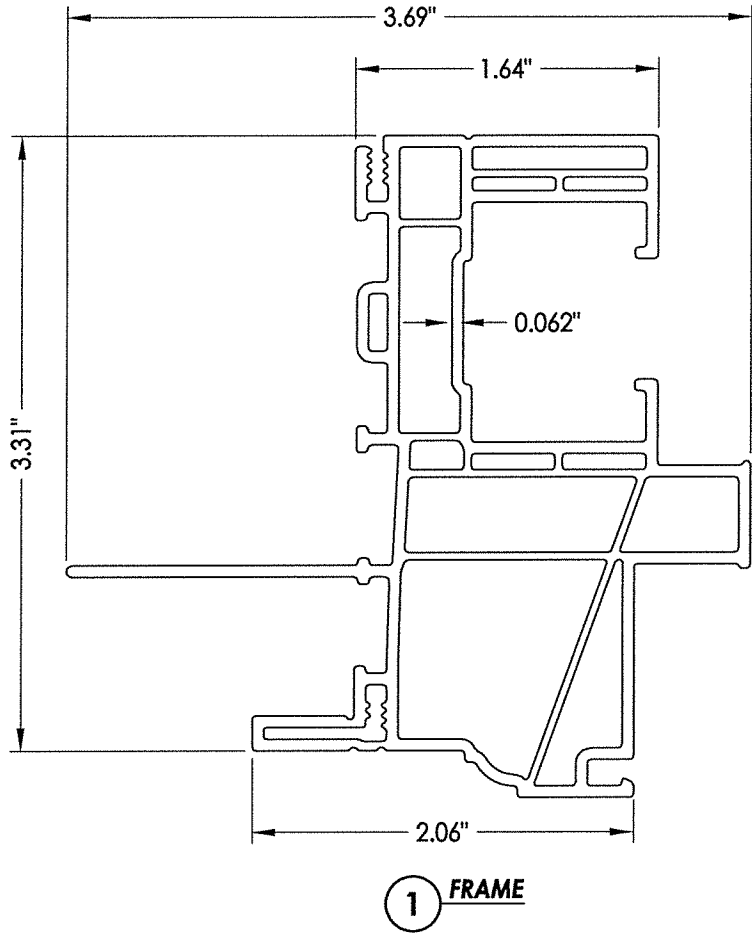
FRAME ANCHORING Stud Construction



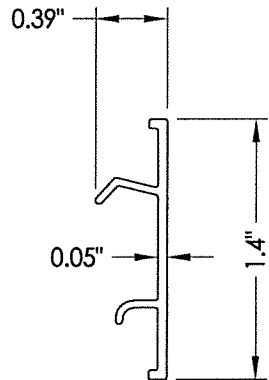
R:\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-15054 Fixed\C - Drawings\FL-15054 (2020) R8\FL-15054.13.dwg, 5-1

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
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	#6 X 1-1/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.42)	WOOD
H	#6 X 2" PPH SMS (1-1/8" 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 (437)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
12	FRAME ADAPTER	RIGID PVC

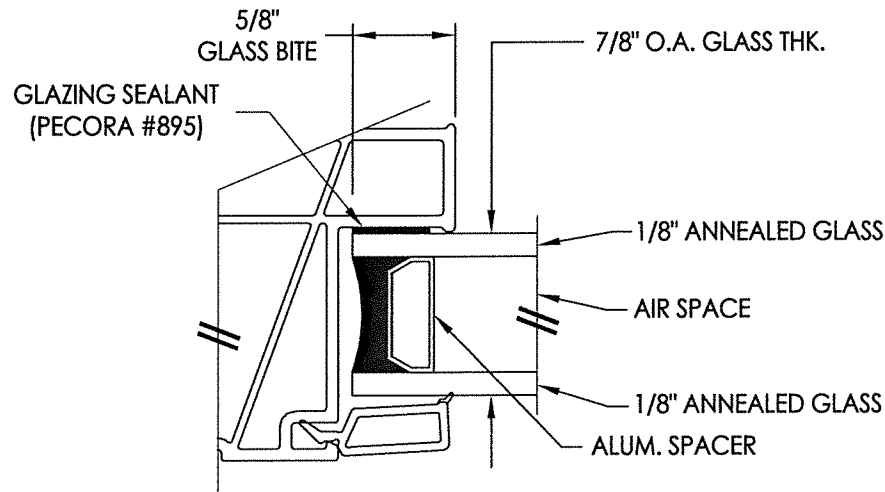
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



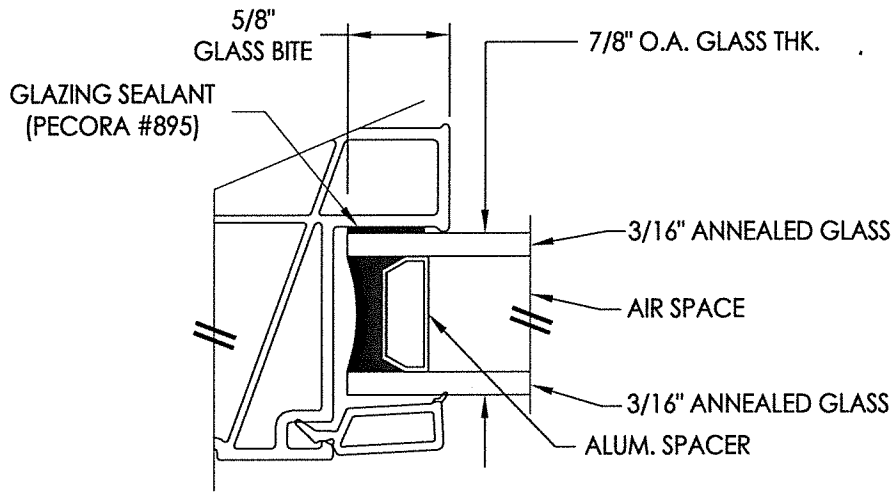
2 GLAZING BEAD



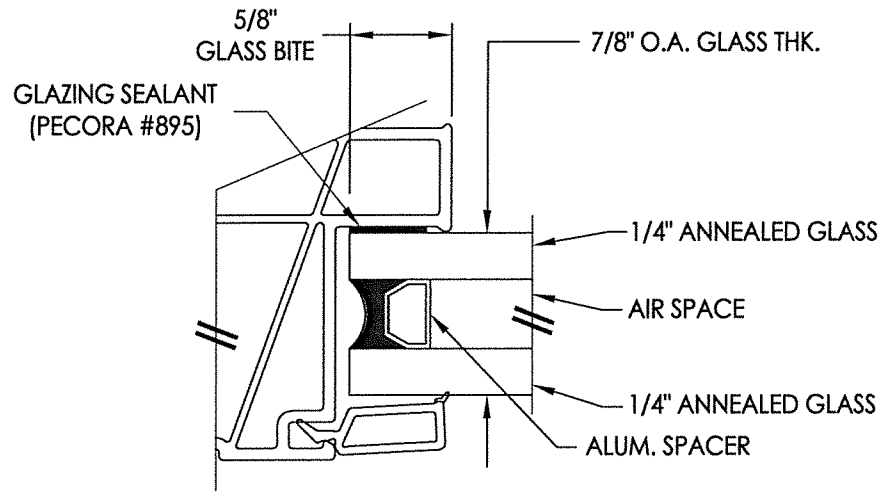
12 FRAME ADAPTER



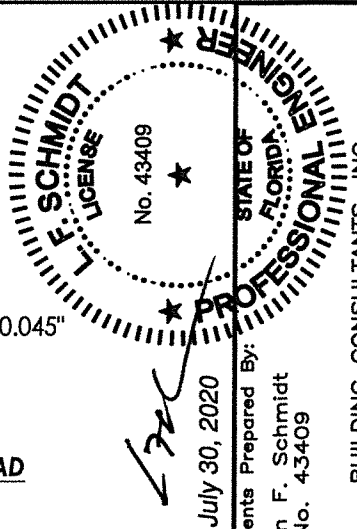
G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL



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R.W. BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: NewSouth
PART OR ASSEMBLY:
BILL OF MATERIALS, COMPONENTS
& GLAZING DETAILS

NO.	DATE	BY
2	7/29/20	LFS
1	9/22/17	JK

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

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DRAWING NO.:

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SHEET 5 OF 5