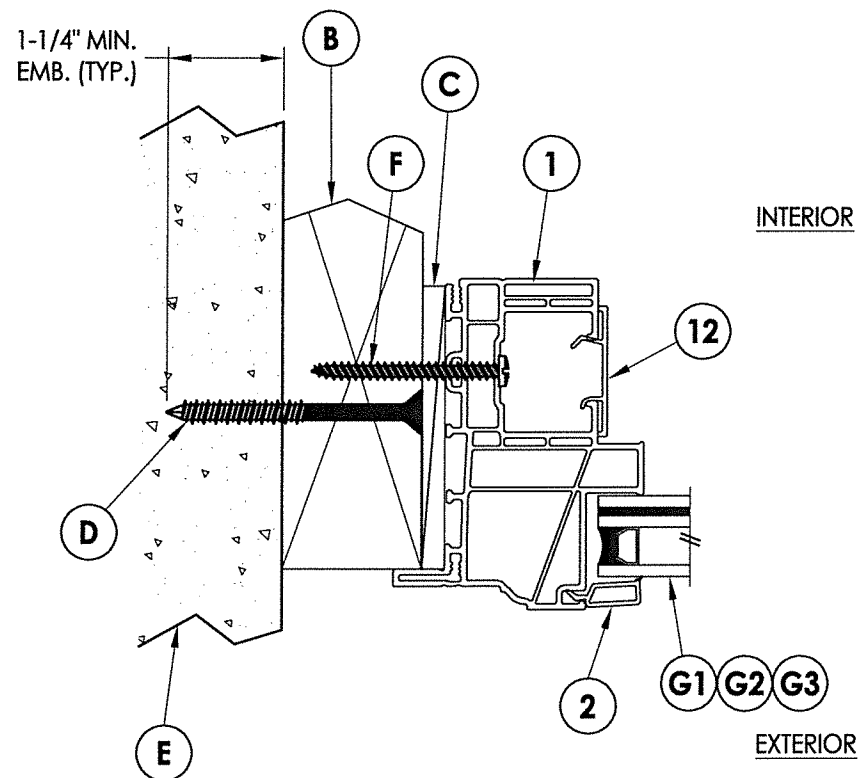
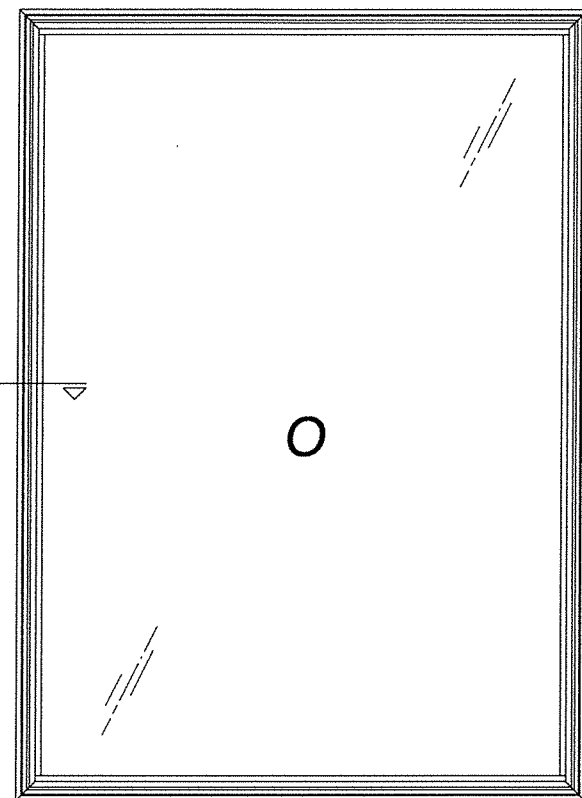
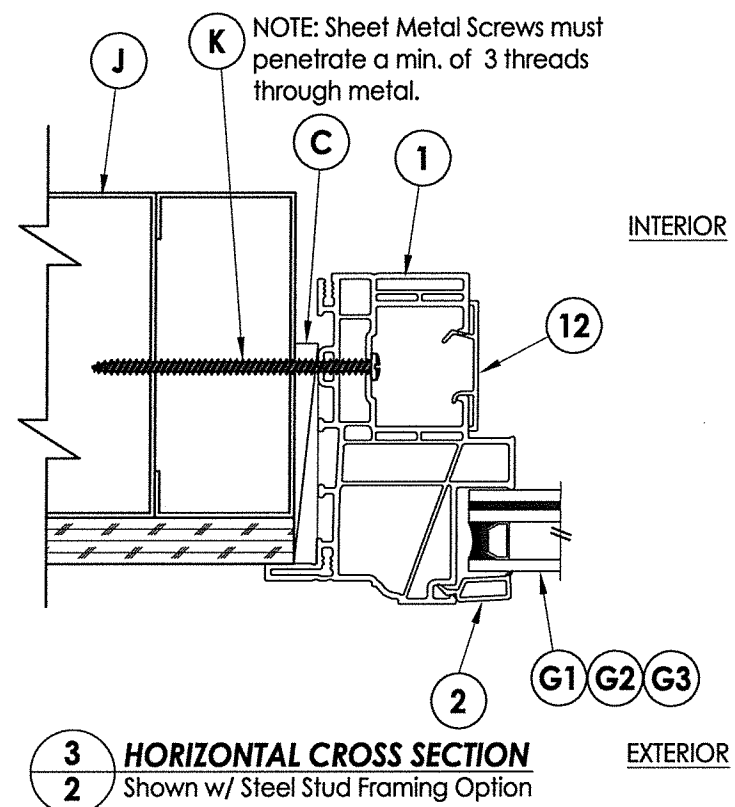
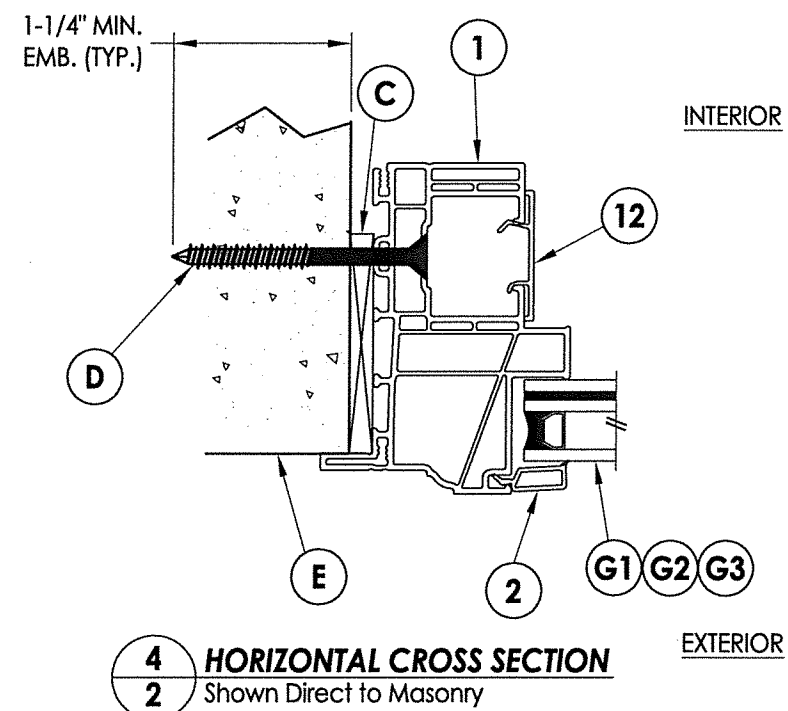




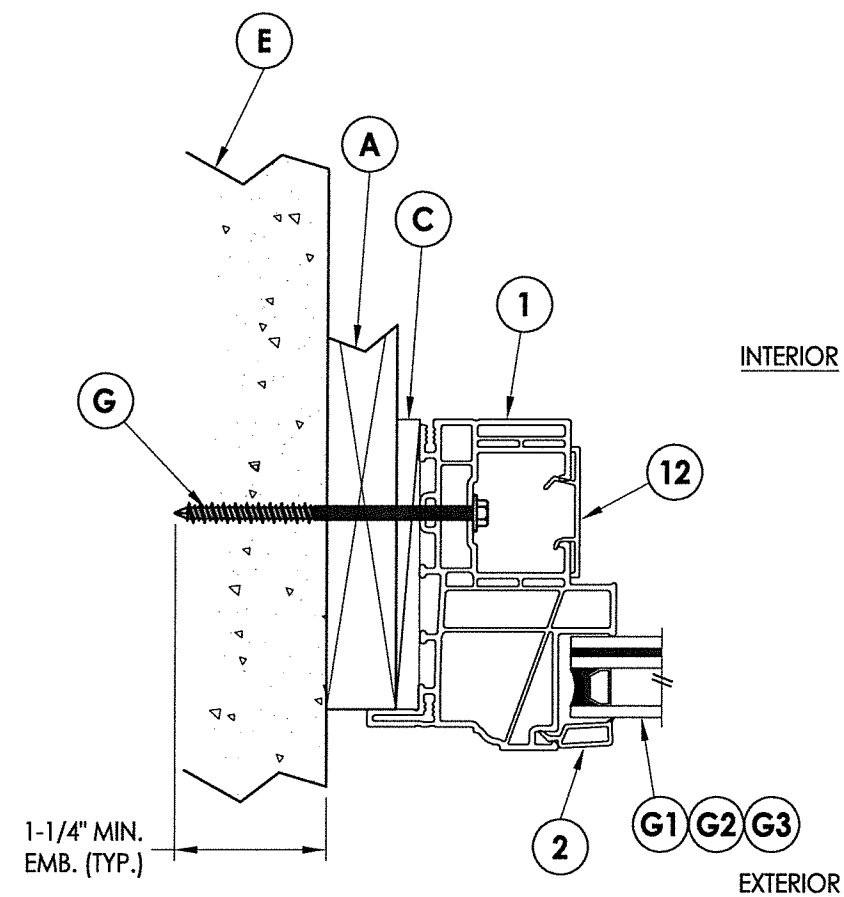
- 1 **HORIZONTAL CROSS SECTION**
- 2 2X Buck Masonry Construction



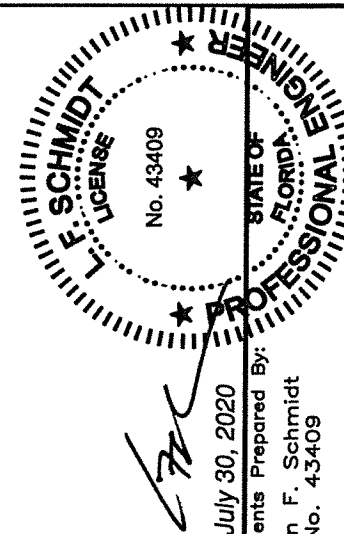
3 HORIZONTAL CROSS SECTION
2 Shown w/ Steel Stud Framing Option



4 **HORIZONTAL CROSS SECTION**
2 Shown Direct to Masonry



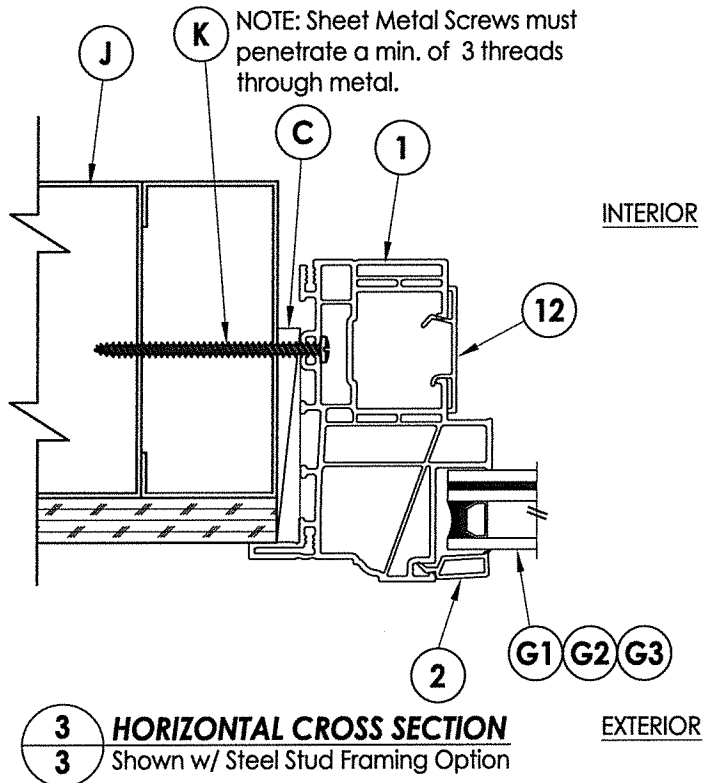
2 HORIZONTAL CROSS SECTION
2 1X Stud Construction



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

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

DATE: 6/26/15		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15054.16			
SHEET 2 OF 6			



1-1/4" MIN.
EMB. (TYP.)

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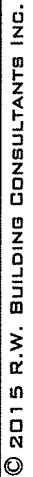
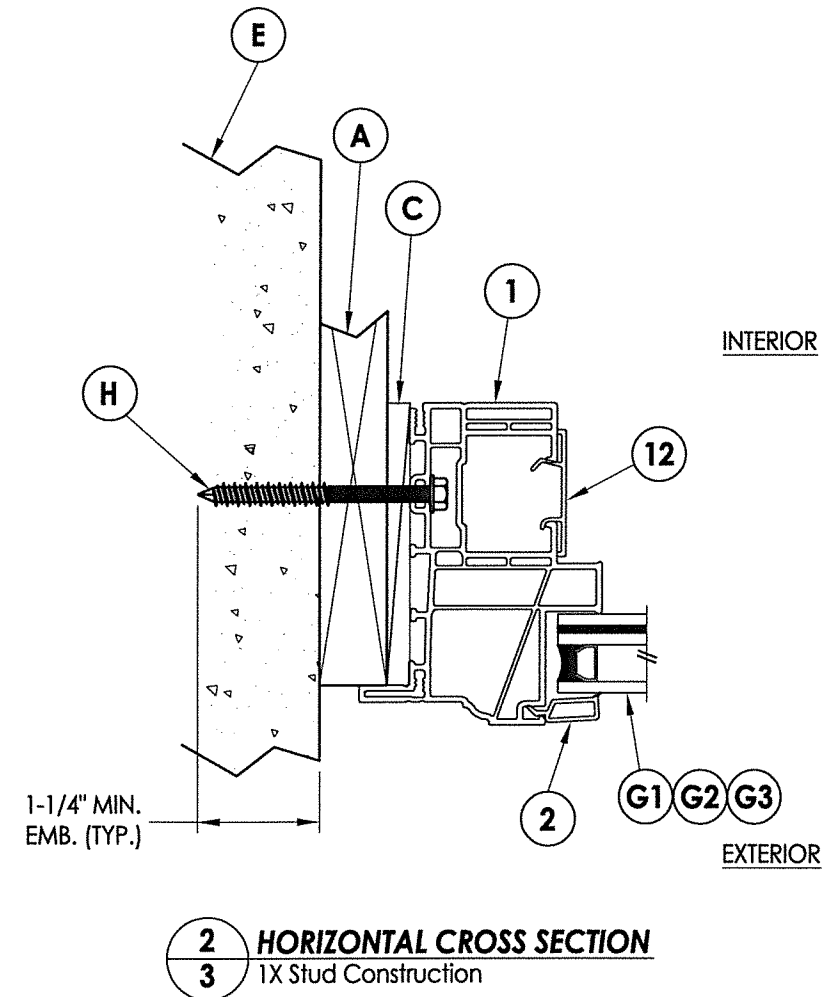
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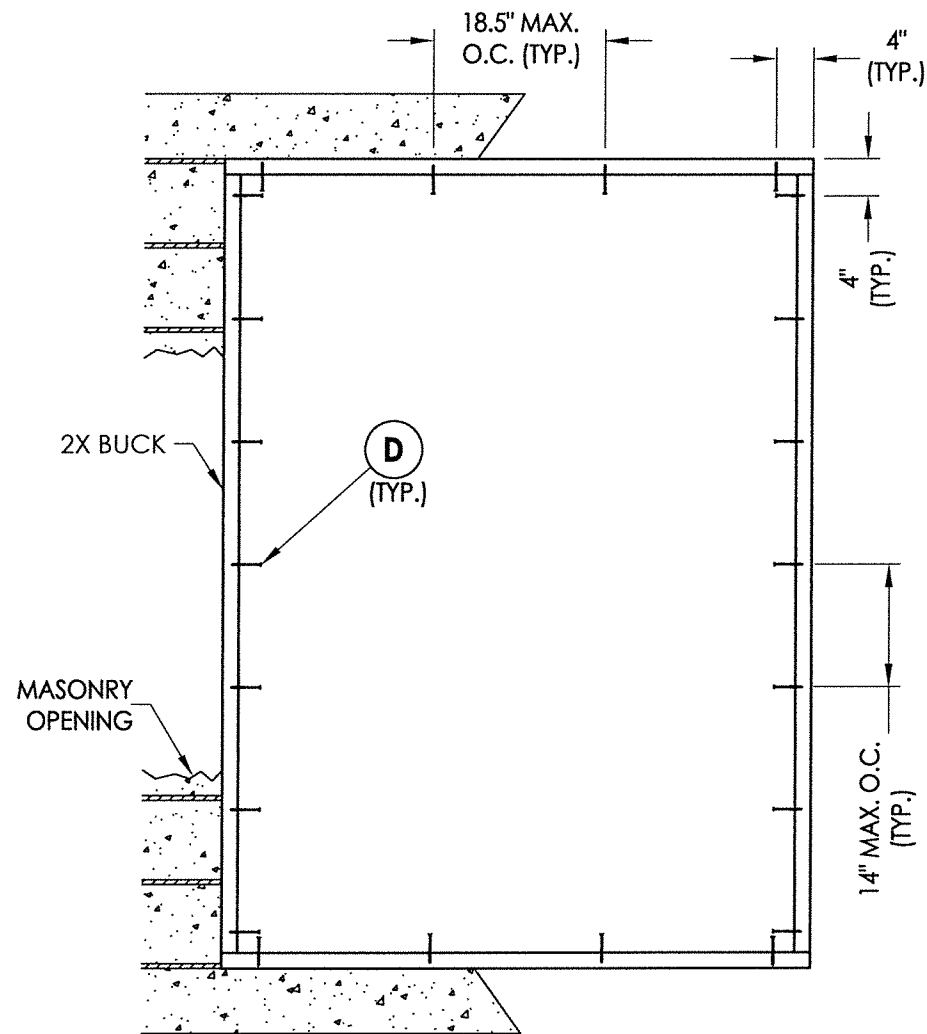
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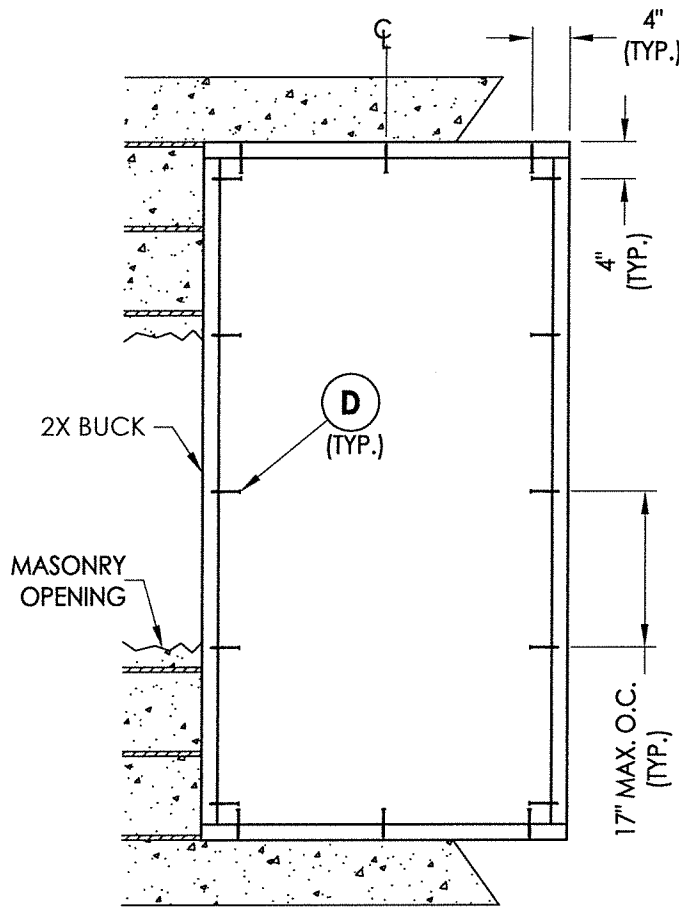
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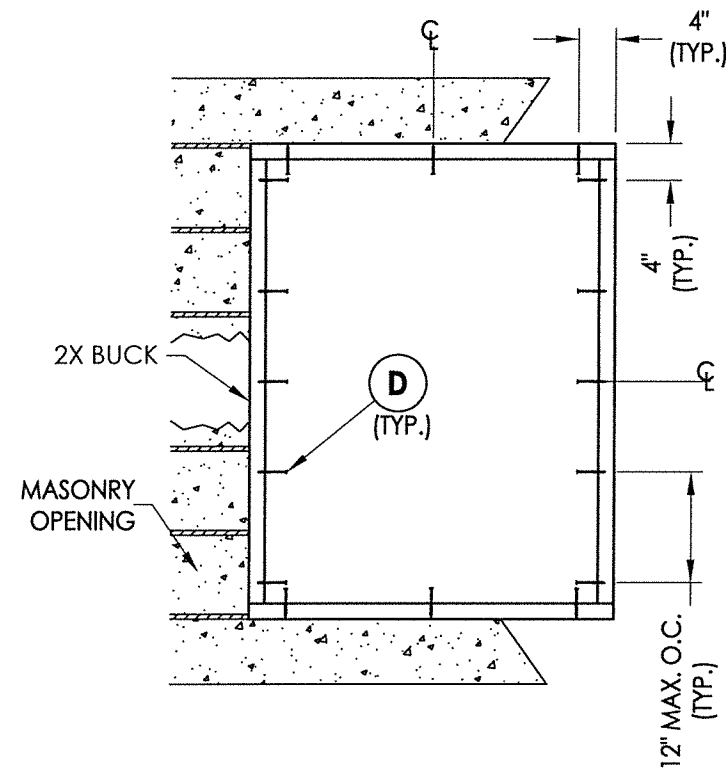
R:\Clients\New South Windows PERMANENT\TA - Florida Product Approvals\FL-15054 Fixed\C - Drawings\FL-15054 (2020) R8\FL-15054.16.dwg, 4-2



BUCK ANCHORING
60" x 84" MAX. FRAME SIZE



BUCK ANCHORING
36" x 72" MAX. FRAME SIZE



BUCK ANCHORING
36" x 48" MAX. FRAME SIZE
DESIGN PRESSURE > +70.0 / -70.0 PSF

CONCRETE ANCHOR NOTES:

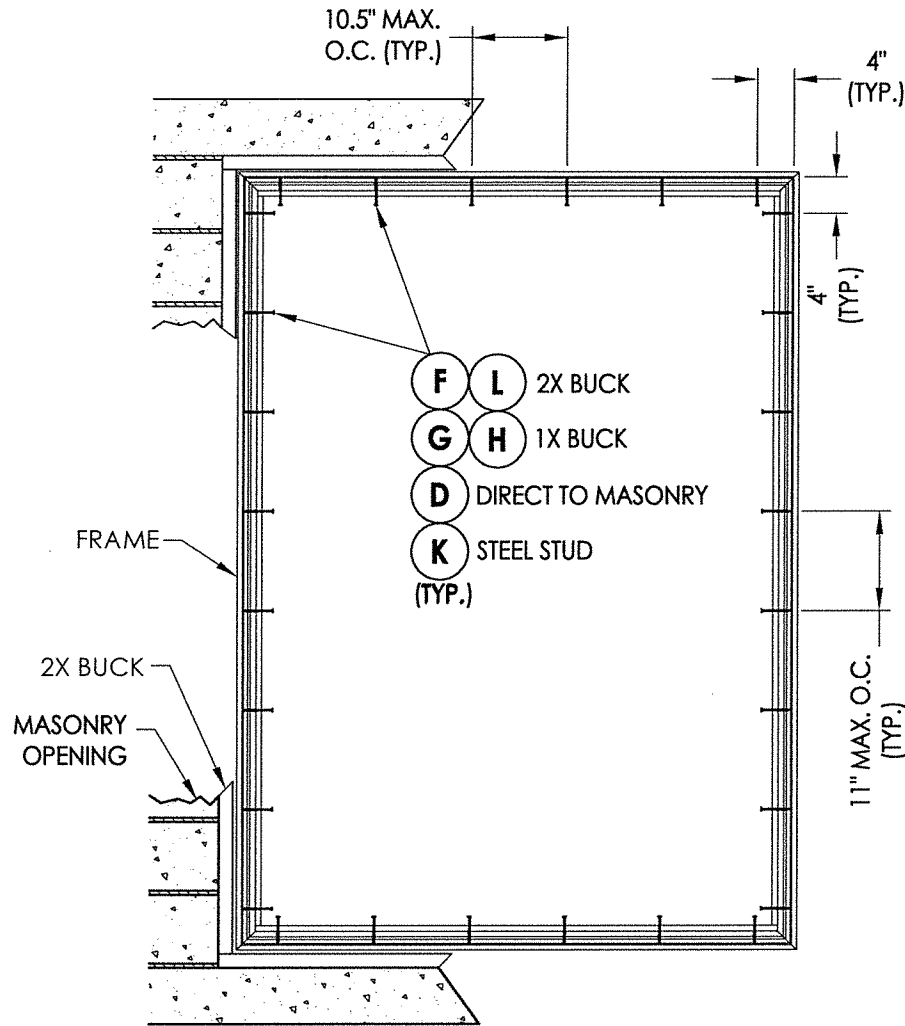
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

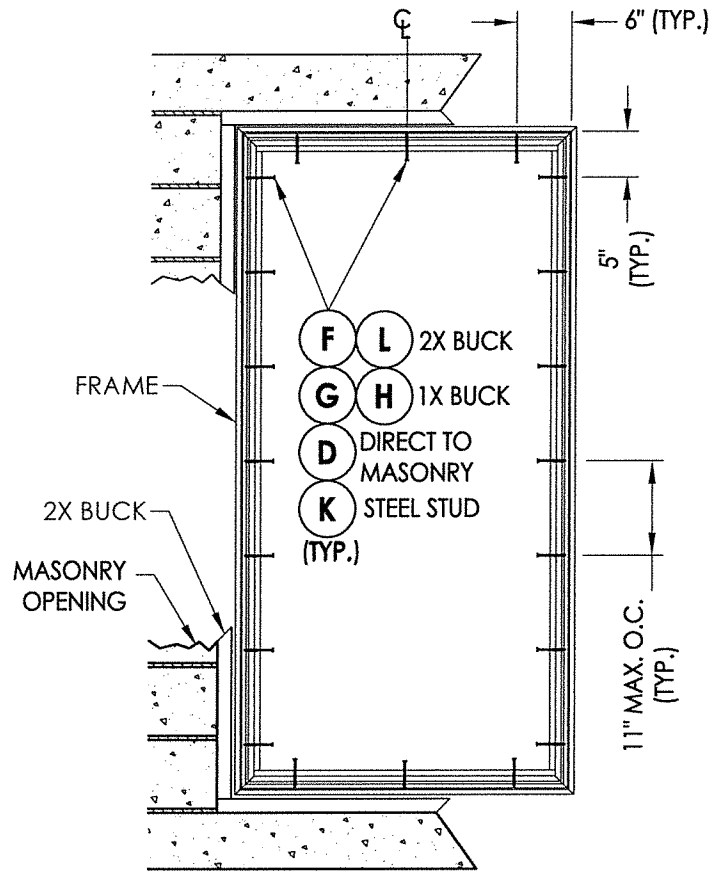
WOOD SCREW INSTALLATION NOTES:

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

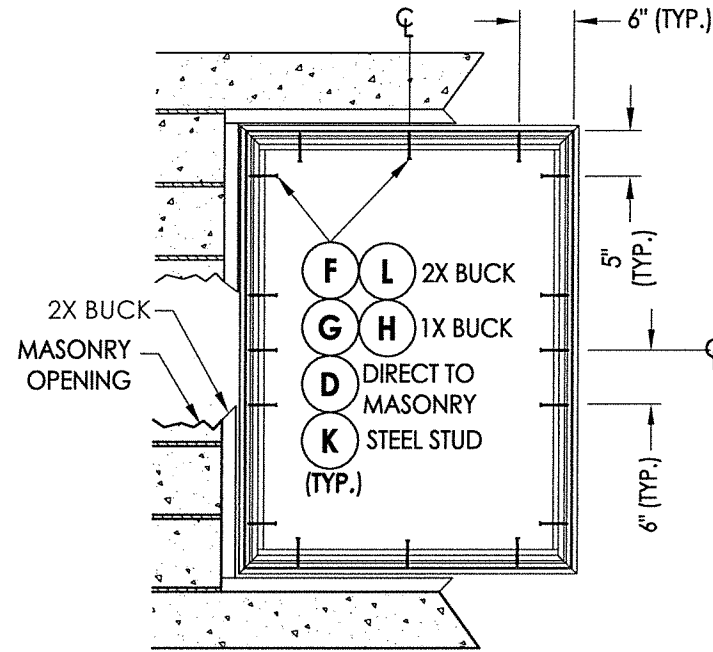
		July 30, 2020	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: NewSouth		PART OR ASSEMBLY: BUCK ANCHORING	
4	7/29/20	UPDATE TO 7TH ED. (2020)	FBC LFS
3	1/12/18	ADD 36" X 48" FRAME SIZE	JK
2	9/22/17	UPDATE TO 6TH ED. (2017)	FBC JK
1	9/26/16	ADDED ALT. ANCHOR LOCATION	LFS
NO.	DATE	REVISIONS	
DATE: 6/26/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15054.16			
SHEET 4 OF 6			



FRAME ANCHORING
60" x 84" MAX. FRAME SIZE



FRAME ANCHORING
36" x 72" MAX. FRAME SIZE



FRAME ANCHORING
36" x 48" MAX. FRAME SIZE
DESIGN PRESSURE > +70.0 / -70.0 PSF

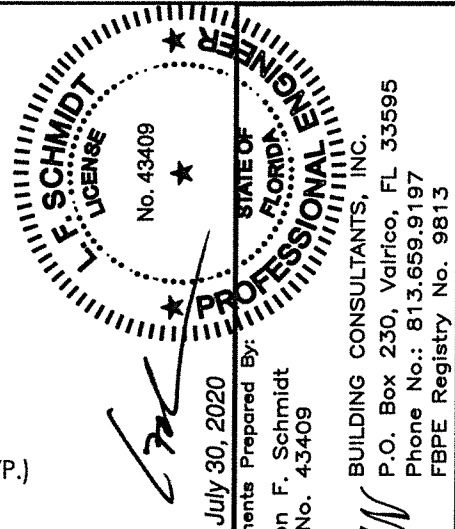
CONCRETE ANCHOR NOTES:

- 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"
ELCO 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.



July 30, 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: NewSouth

PART OR ASSEMBLY:

FRAME ANCHORING

NO.	DATE	REVISIONS
4	7/29/20	UPDATE TO 7TH ED. (2020) FBC
3	1/12/18	ADD 36" X 48" FRAME SIZE
2	9/22/17	UPDATE TO 6TH ED. (2017) FBC
1	9/26/16	ADDED ALT. ANCHOR LOCATION

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

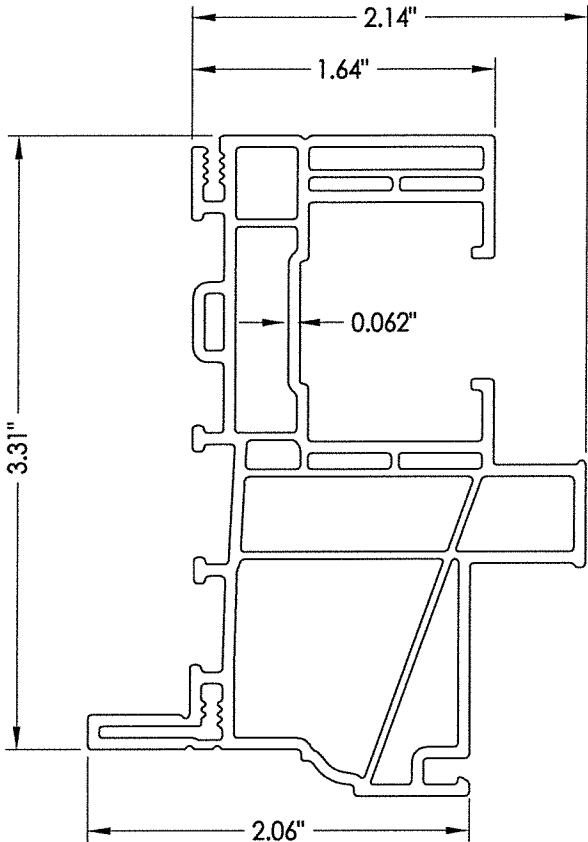
FL-15054.16

SHEET 5 OF 6

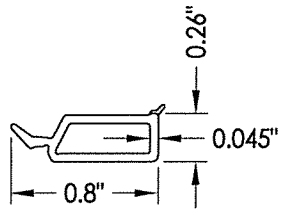
R:\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-15054 Fixed\C - Drawings\FL-15054 (2020) R8\FL-15054.16.dwg, 6-2

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (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 (1-1/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" HWH ELCO OR ITW CONCRETE SCREW	STEEL
H	1/4" X 2-3/4" HWH ELCO OR ITW CONCRETE SCREW	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
L	#10 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL FRAME (437)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
12	FRAME ADAPTER	RIGID PVC

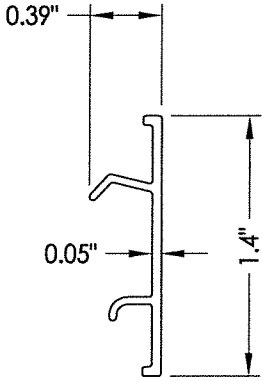
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



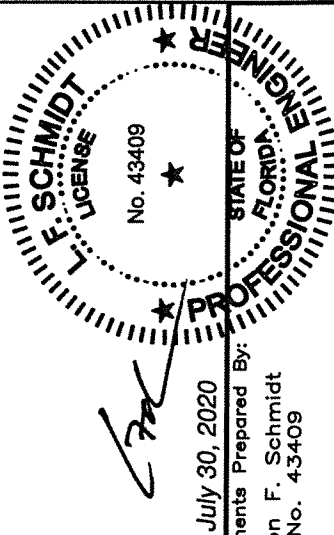
1 FRAME



2 GLAZING BEAD



12 FRAME ADAPTER



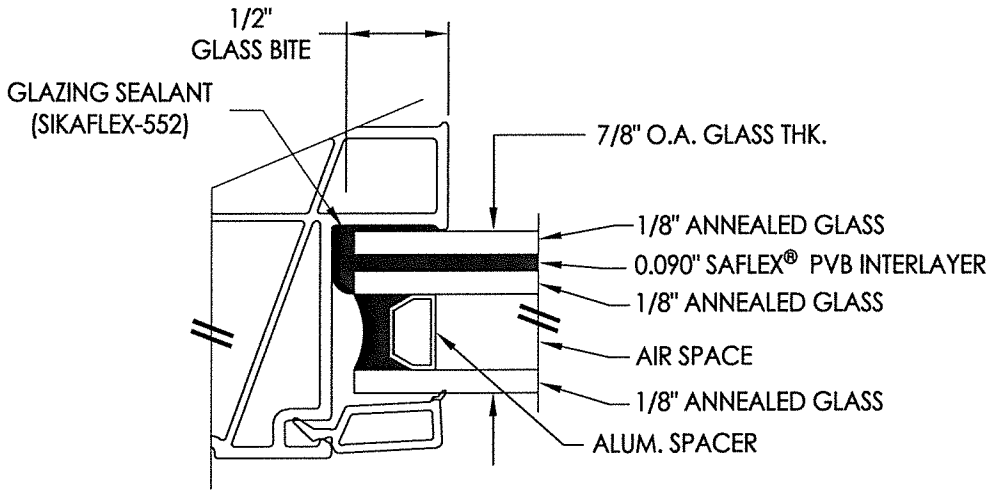
July 30, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

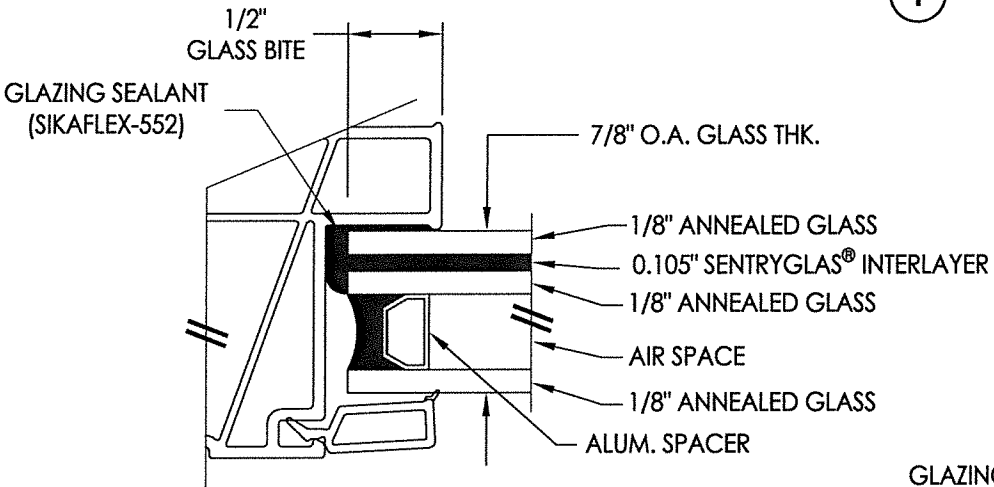
PRODUCT: NewSouth
PART OR ASSEMBLY:
BILL OF MATERIALS, COMPONENTS
& GLAZING DETAILS

REVISIONS

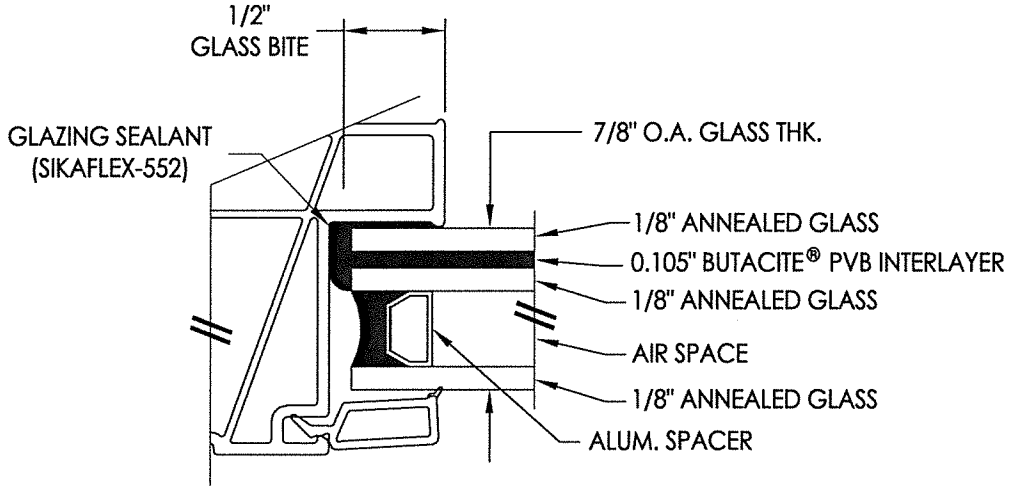
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G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL

DATE:	6/26/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15054.16
SHEET	6 OF 6