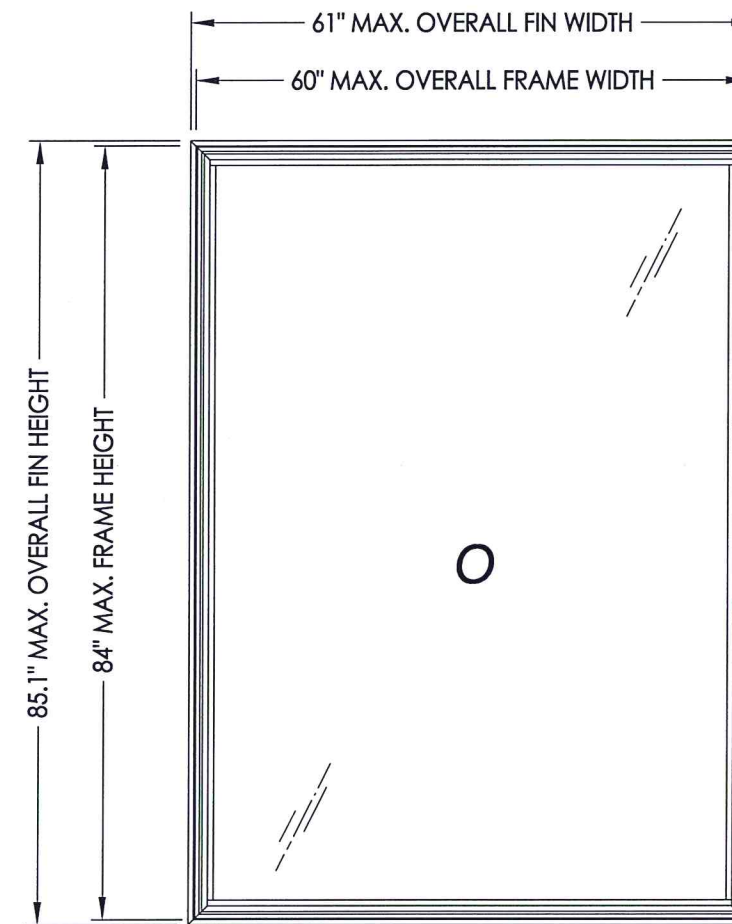


GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".

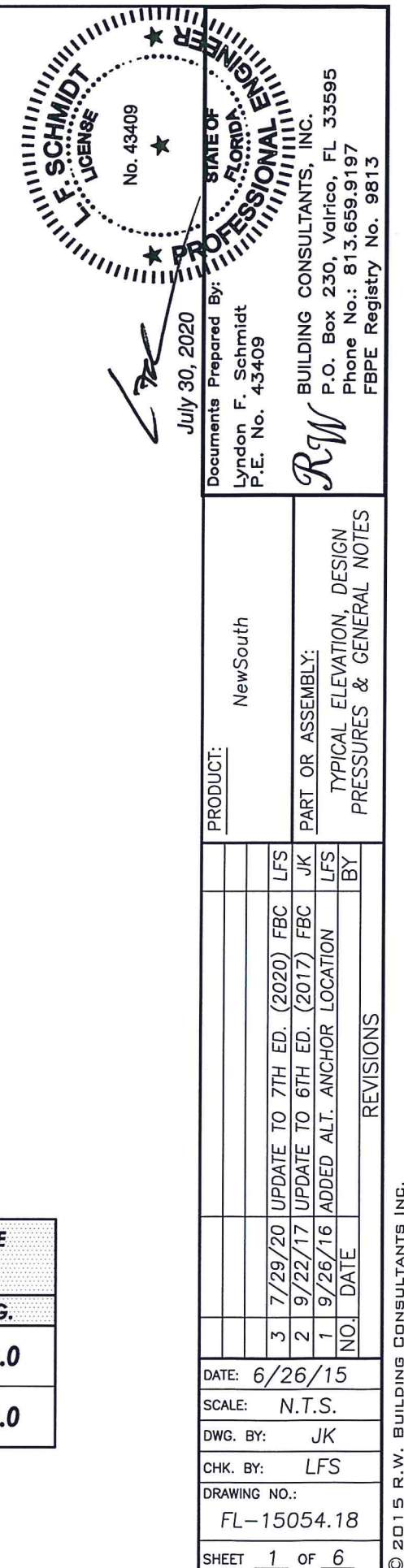
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal cross sections
3	Horizontal cross sections
4	Buck anchoring
5	Frame anchoring
6	Bill of materials, components & glazing details

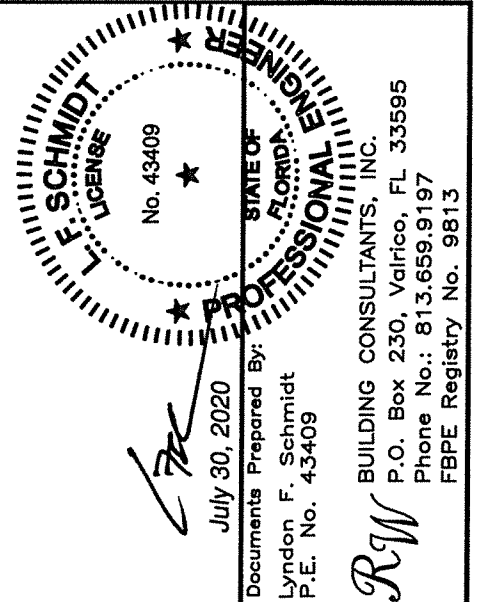
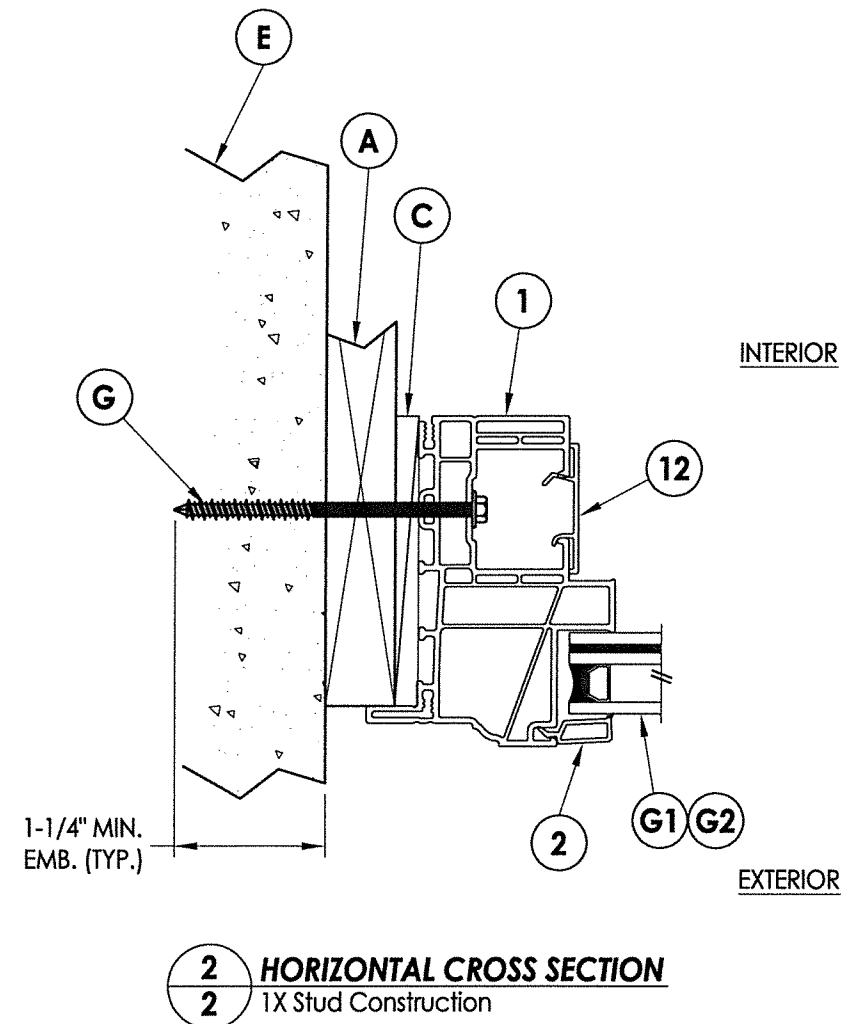
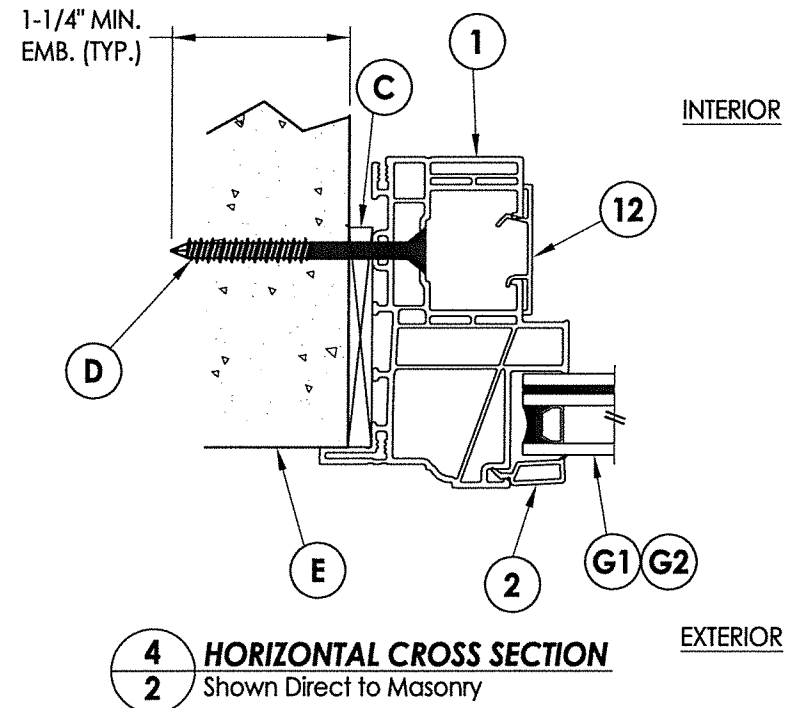
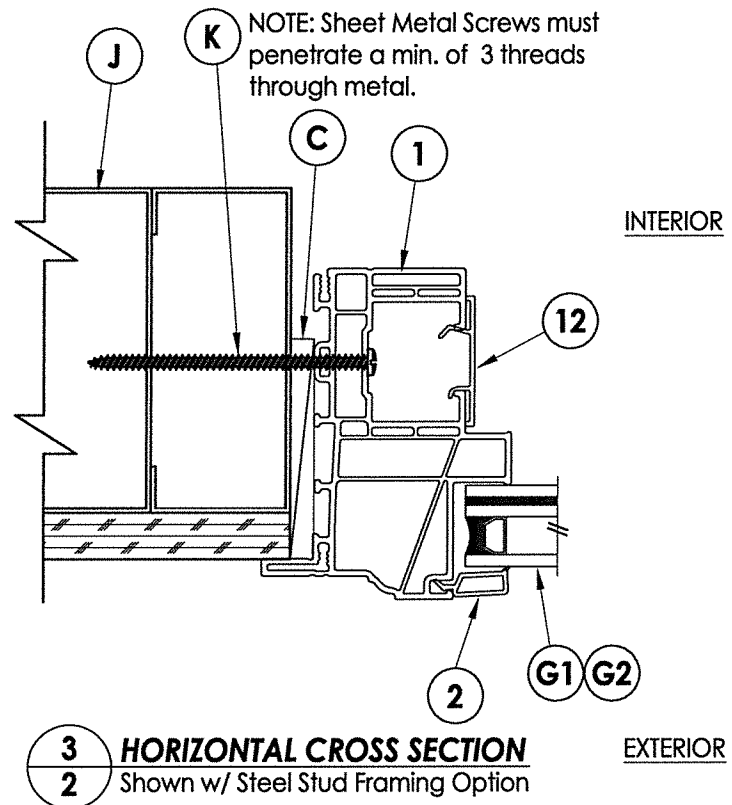


NOTE: VERTICAL ORIENTATION SHOWN (HORIZONTAL ORIENTATION ALSO APPROVED)

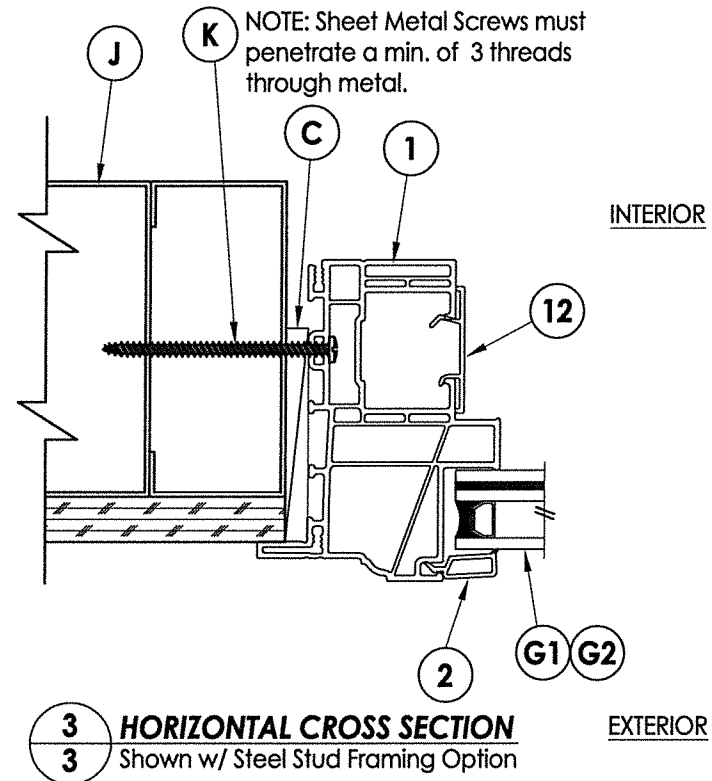
MAX. OVERALL FLANGE DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
37.1" X 73.1"	36.0" X 72.0"	31.75" X 67.75"	G1	+70.0	-70.0
61.1" X 85.1"	60.0" X 84.0"	55.75" X 79.75"	G2	+60.0	-60.0

Note: This product is not approved for use above 30 feet in the "HVHZ".





DATE: 6/26/15		PRODUCT: NewSouth		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15054.18				
SHEET 2 OF 6				



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

INTERIOR

1

12

2

G1 G2

E

C

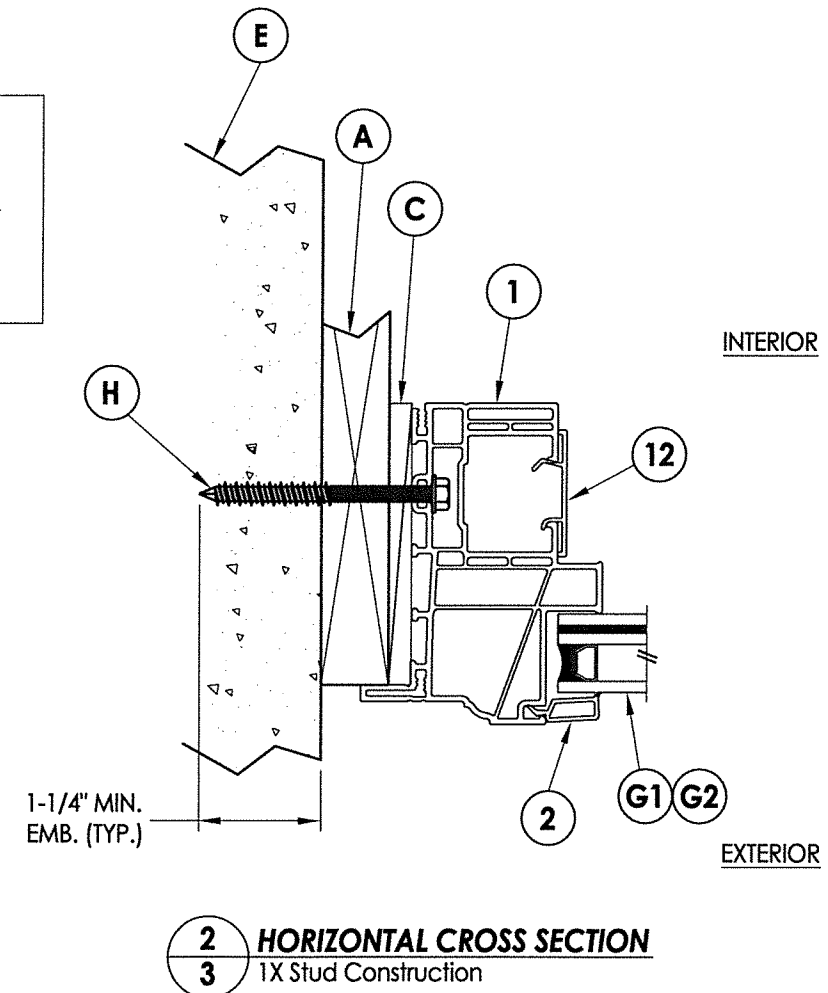
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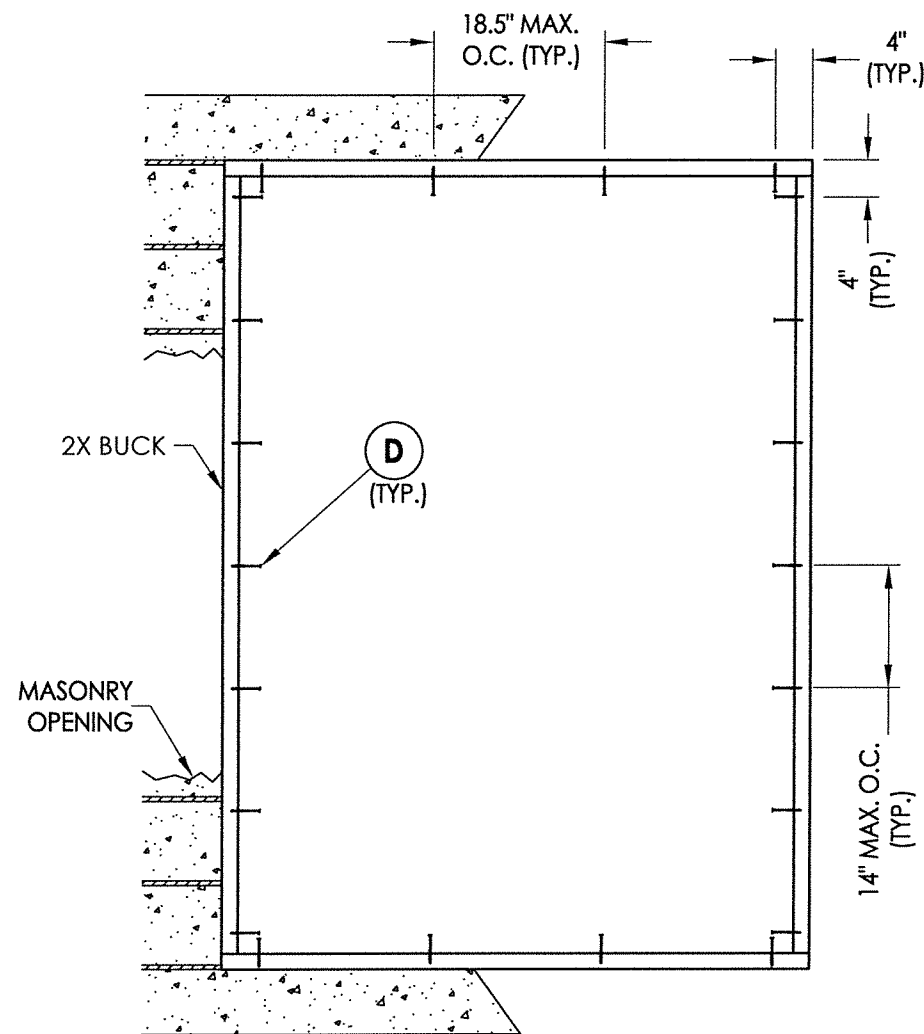
4
3

HORIZONTAL CROSS SECTION

Shown Direct to Masonry

EXTERIOR





BUCK ANCHORING
60" x 84" MAX. FRAME SIZE

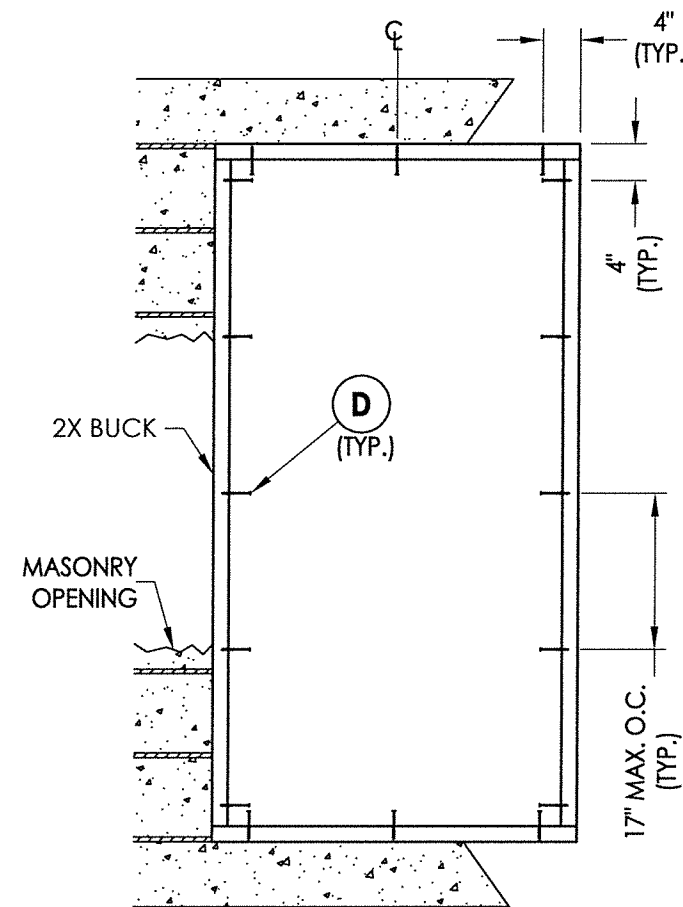
CONCRETE ANCHOR NOTES:

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:

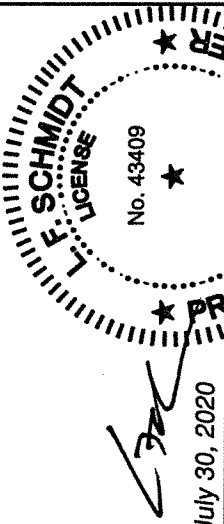
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRA CON®	1/4"	1-1/4"	1"	4"

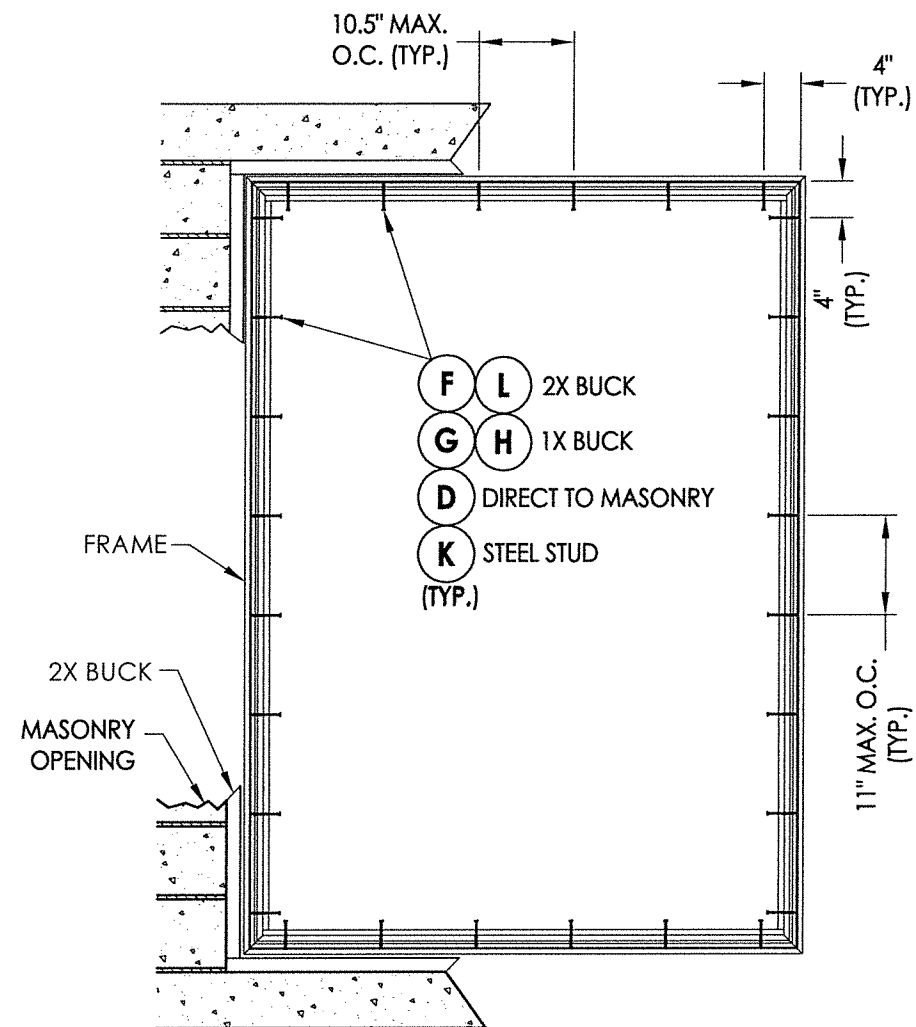
WOOD SCREW INSTALLATION NOTES:

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

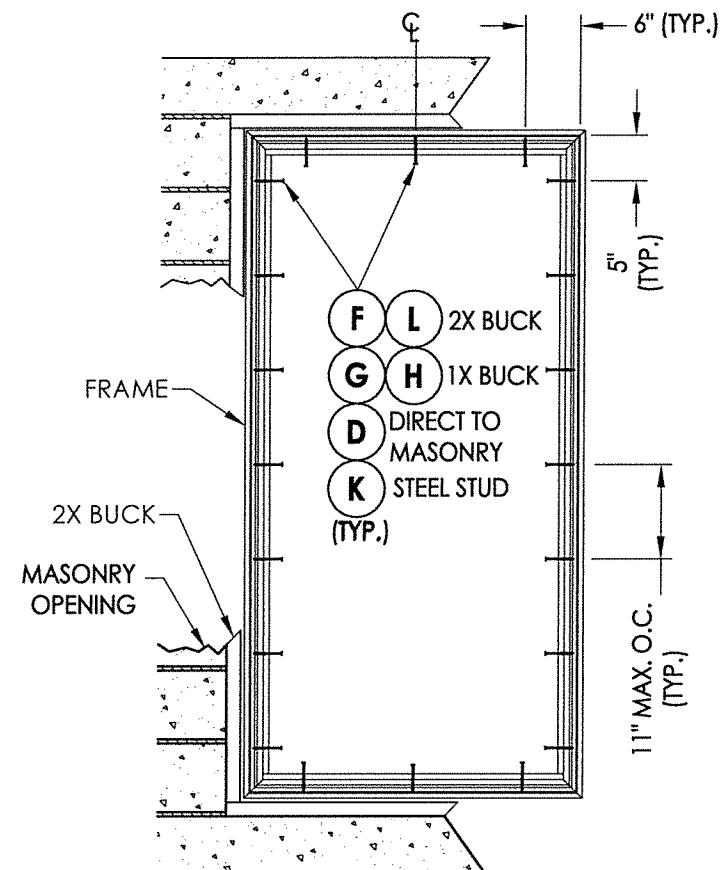


BUCK ANCHORING
36" x 72" MAX. FRAME SIZE

		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		JULY 30, 2020	
PRODUCT:		NewSouth		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PART OR ASSEMBLY:		BUCK ANCHORING			
REVISIONS		NO.		DATE	
3		7/29/20		UPDATE TO 7TH ED. (2020) FBC	
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-15054.18			
SHEET		4		OF 6	



FRAME ANCHORING
60" x 84" MAX. FRAME SIZE



FRAME ANCHORING
36" x 72" MAX. FRAME SIZE

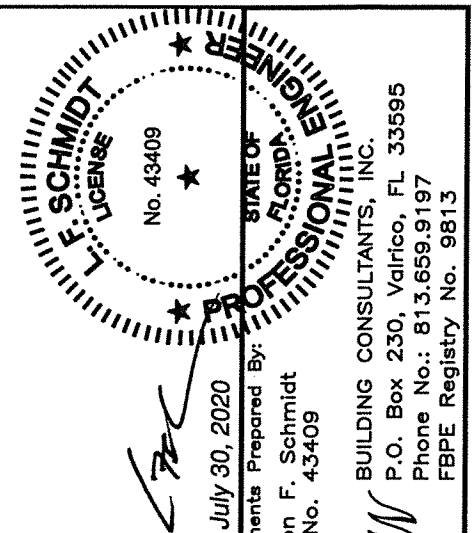
CONCRETE ANCHOR NOTES:

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.
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ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
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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

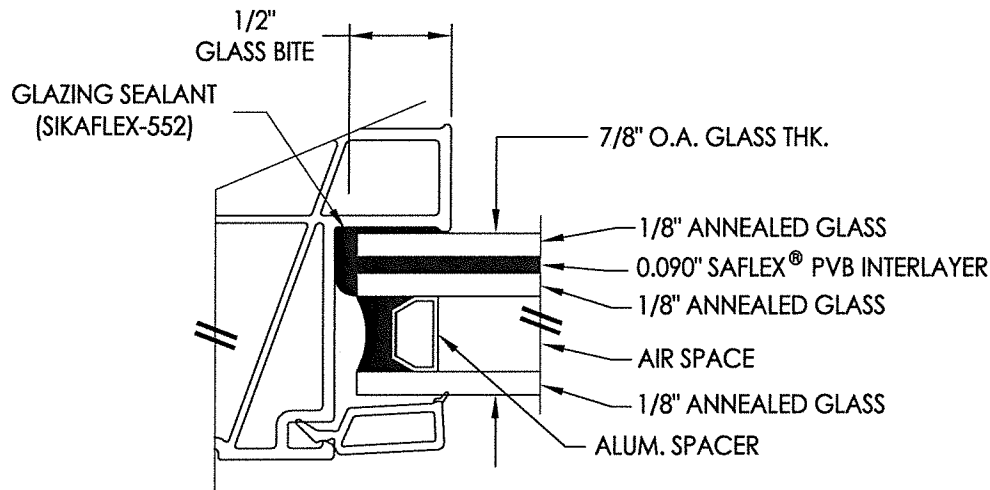
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 6/26/15		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK		FRAME	
CHK. BY: LFS		ANCHORING	
DRAWING NO.: FL-15054.18			
SHEET 5 OF 6			

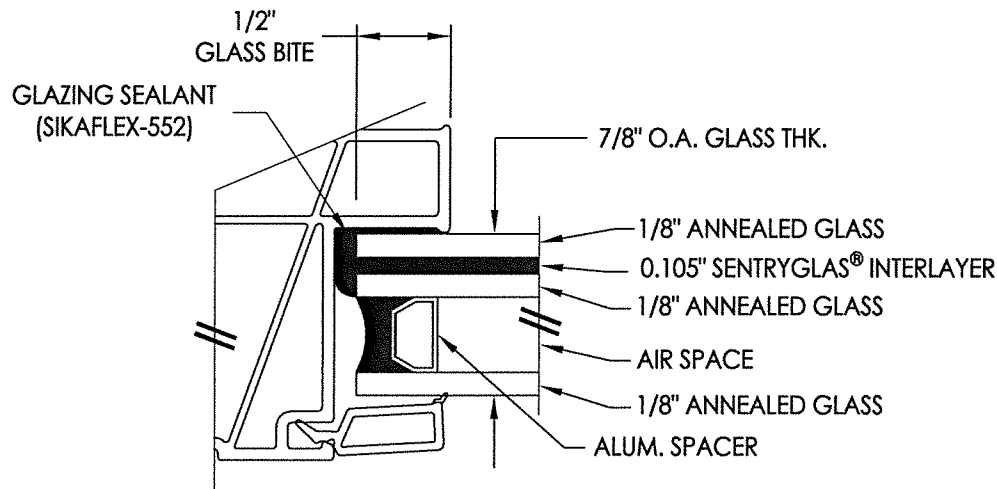
R:\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-15054 Fixed\C - Drawings\FL-15054 (2020) R8\FL-15054.18.dwg, 6-2

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	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".

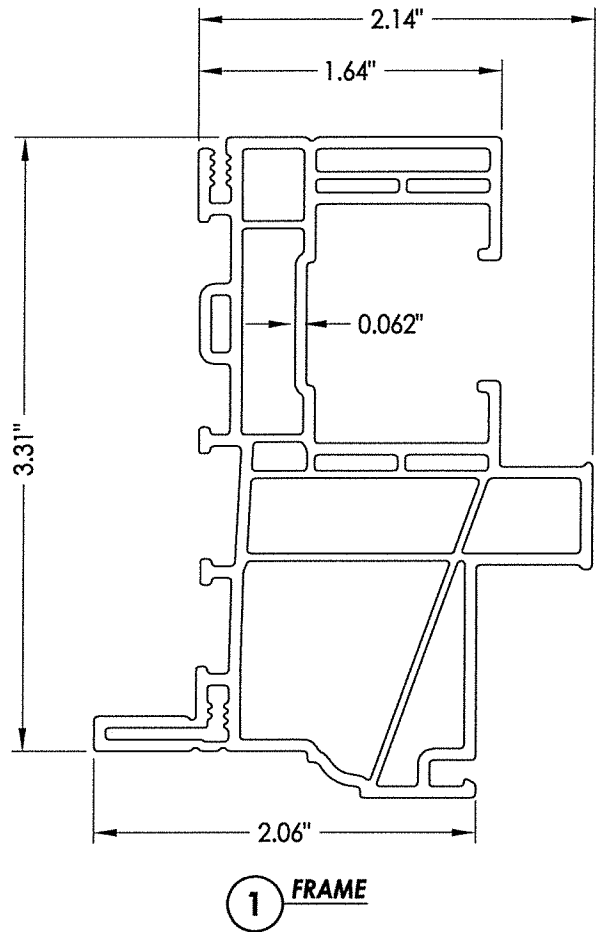


G1 GLAZING DETAIL

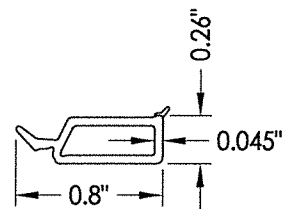


G2 GLAZING DETAIL

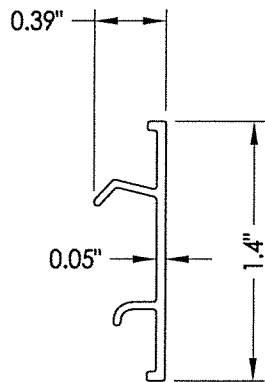
NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1



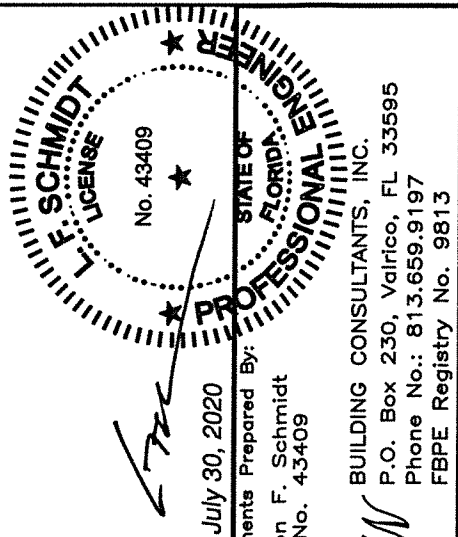
1 FRAME



2 GLAZING BEAD



12 FRAME ADAPTER



July 30, 2020

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

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

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

NO.	DATE	REVISIONS
3	7/29/20	UPDATE TO 7TH ED. (2020) FBC
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-15054.18

SHEET 6 OF 6