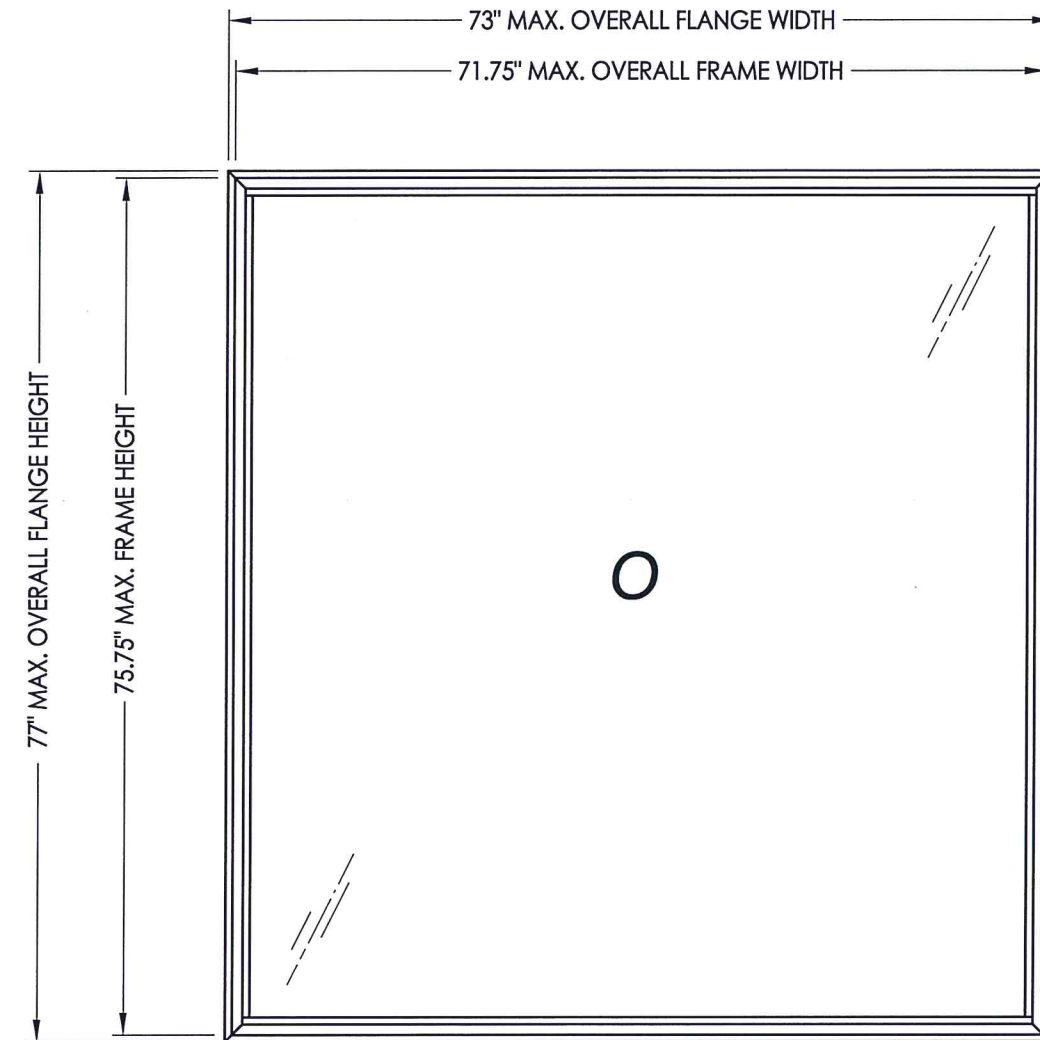


GENERAL NOTES

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".

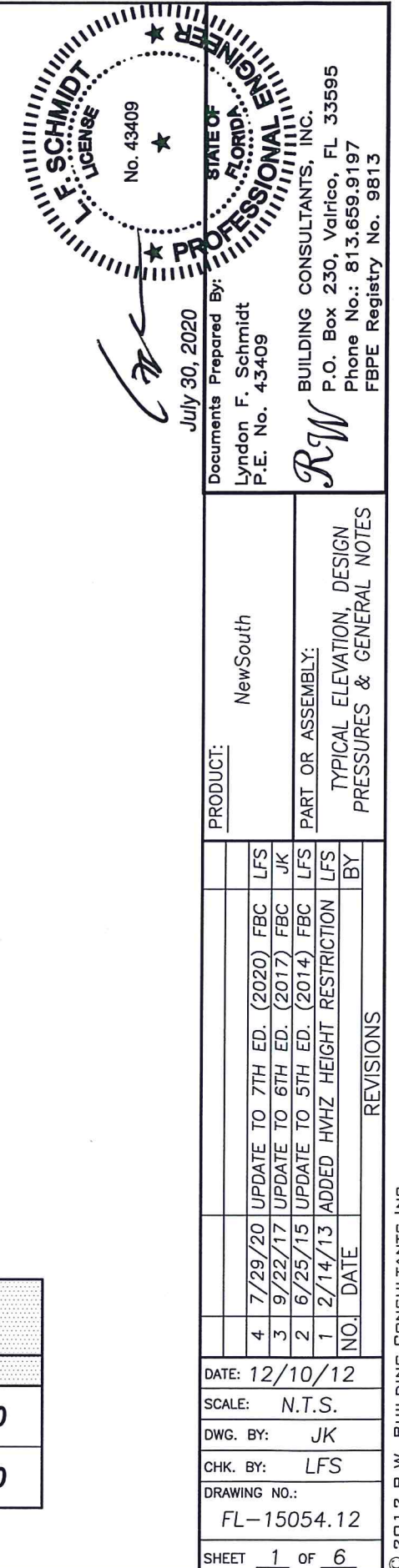
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Buck & frame anchoring
6	Bill of materials, glazing details and components



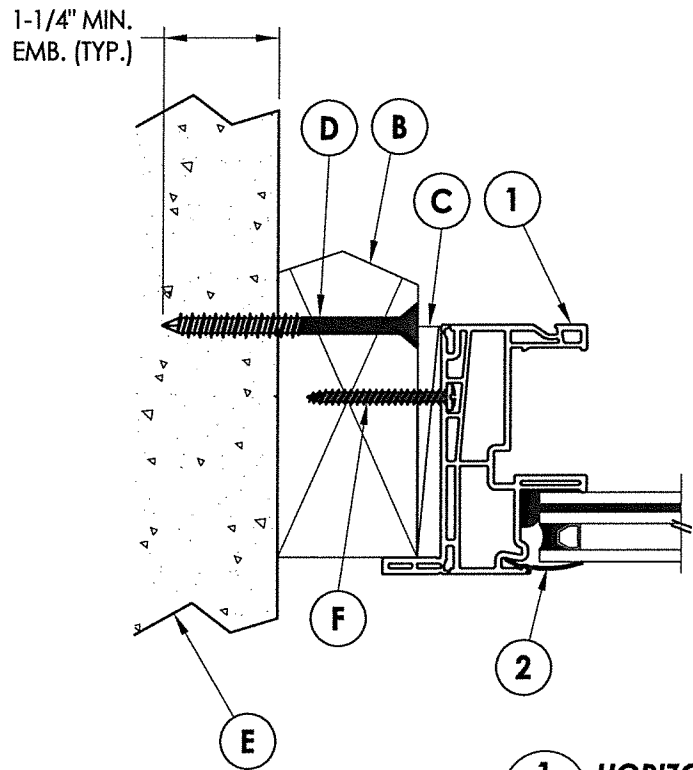
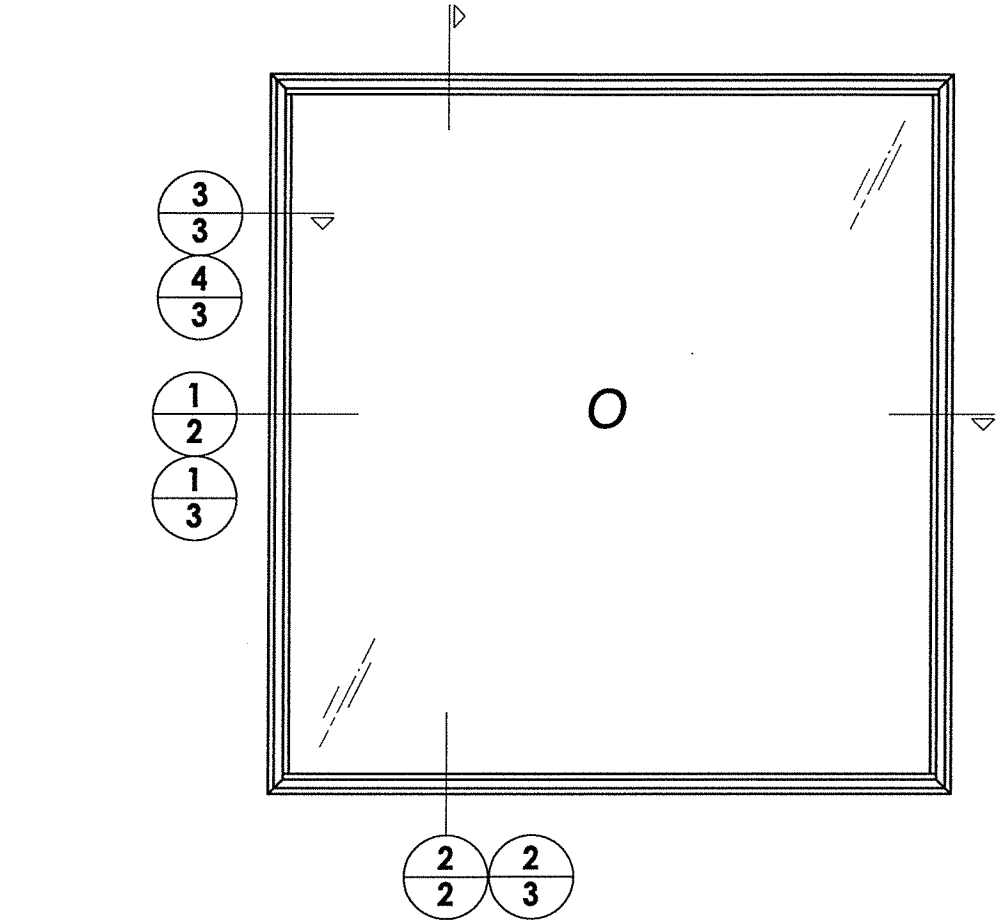
NOTE: VERTICAL ORIENTATION SHOWN (HORIZONTAL ORIENTATION ALSO APPROVED)

OVERALL FLANGE DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
38.0" X 73.0"	36.75" X 71.75"	33.625" X 68.625"	G1	+40.0	-40.0
73.0" X 77.0"	71.75" X 75.75"	68.625" X 72.625"	G2	+55.0	-55.0

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



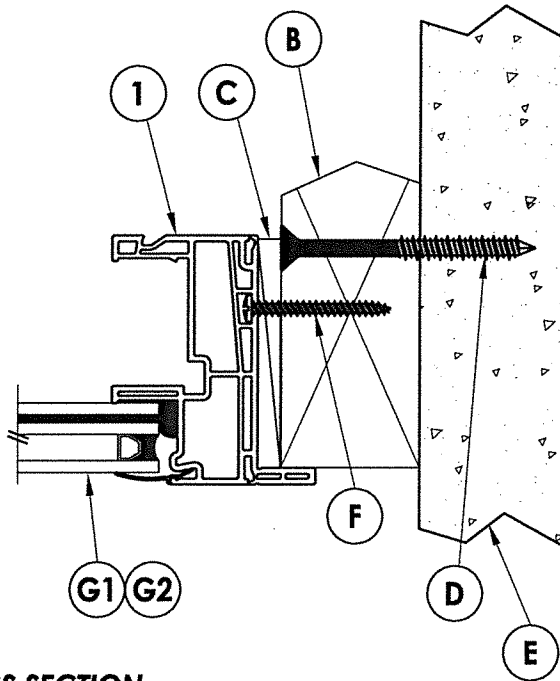
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INTERIOR

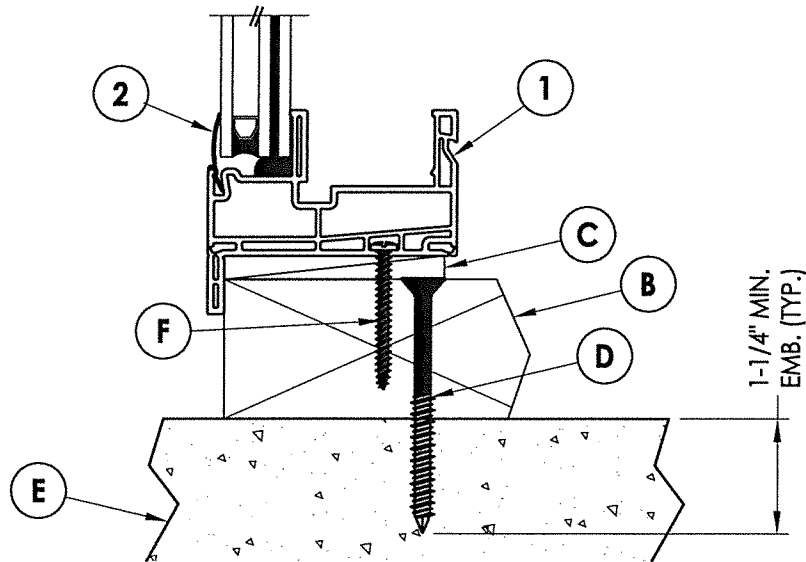
EXTERIOR

1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction

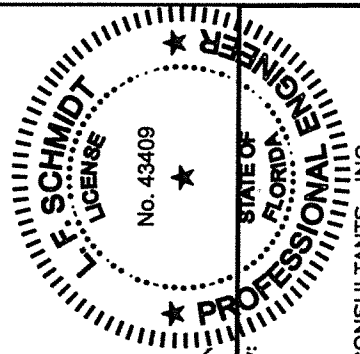


EXTERIOR

INTERIOR



2 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



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P.E. No. 43409

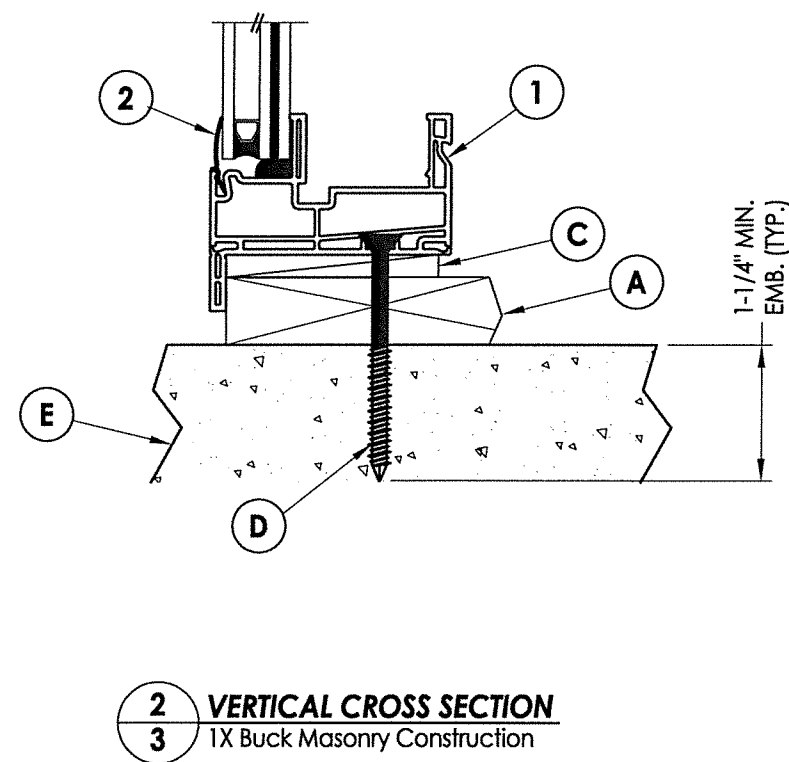
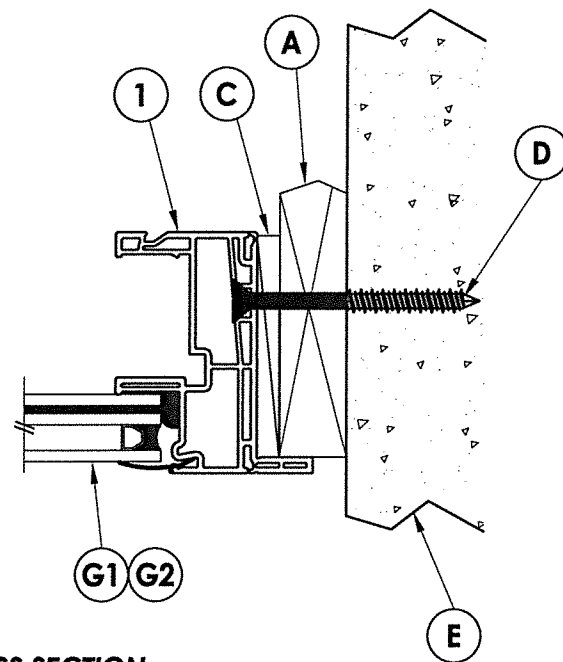
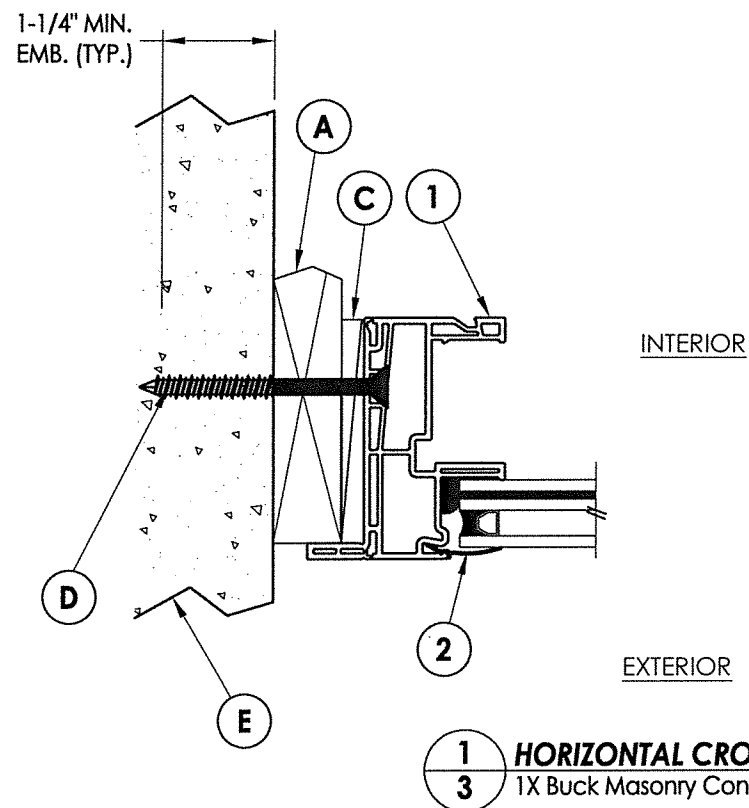
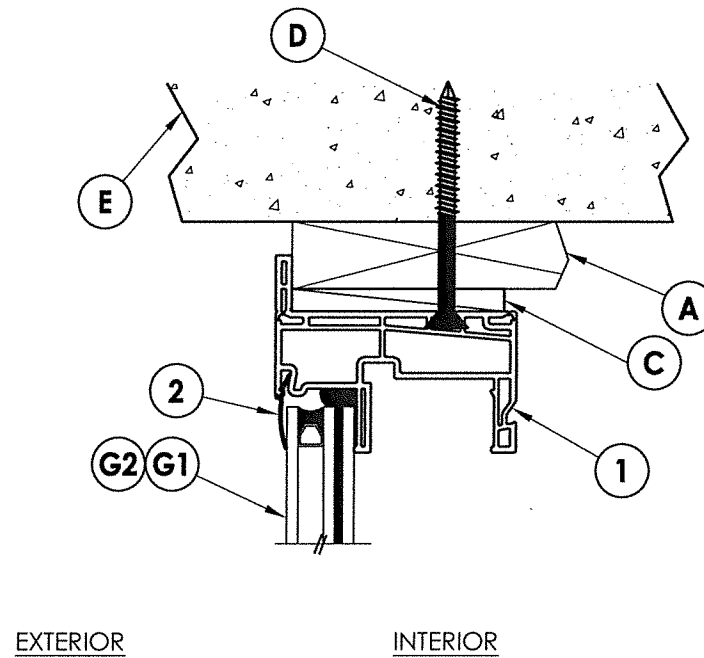
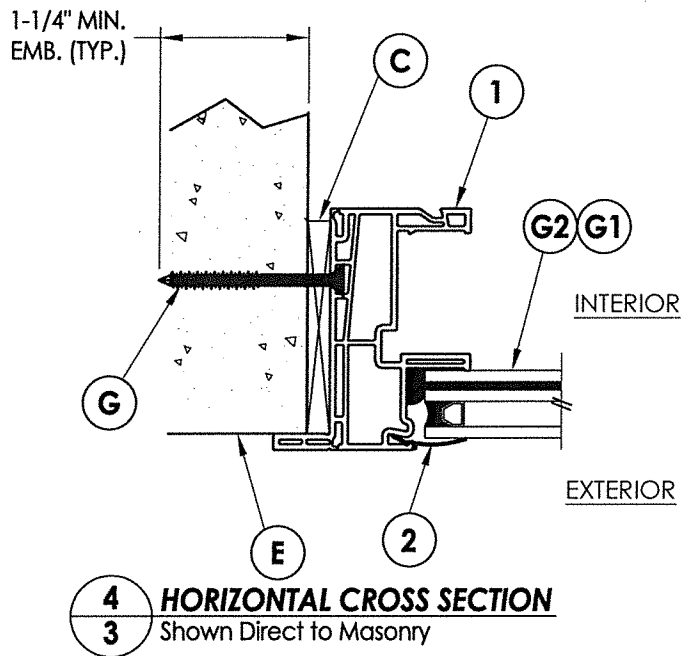
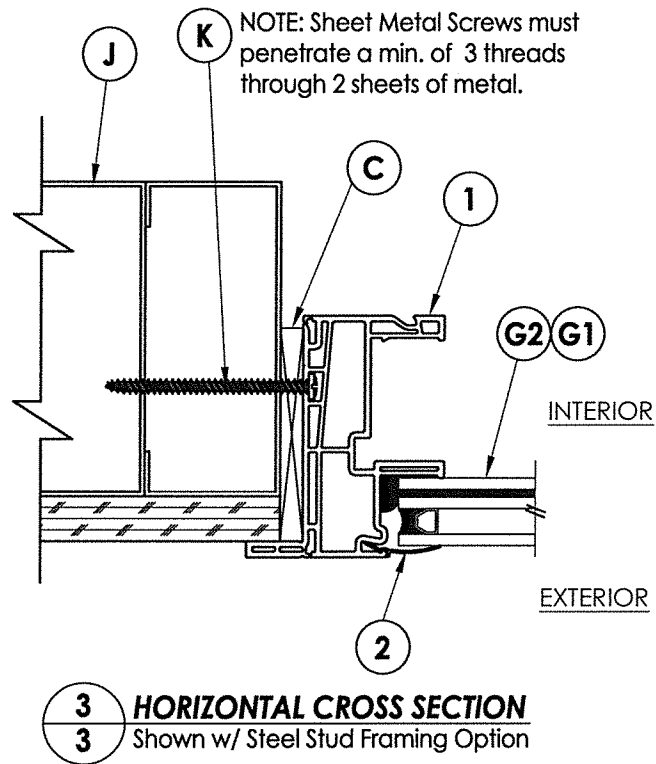
PRODUCT: New South
PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
4	7/29/20	UPDATE TO 7TH ED. (2020) FBC LFS
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
2	6/25/15	UPDATE TO 5TH ED. (2014) FBC LFS
1	2/14/13	ADDED HVHZ HEIGHT RESTRICTION LFS

DATE: 12/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15054.12
SHEET 2 OF 6

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

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July 30, 2020

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

STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
No. 43409

PRODUCT: NewSouth

PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

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DATE: 12/10/12

SCALE: N.T.S.

DWG. BY: JK

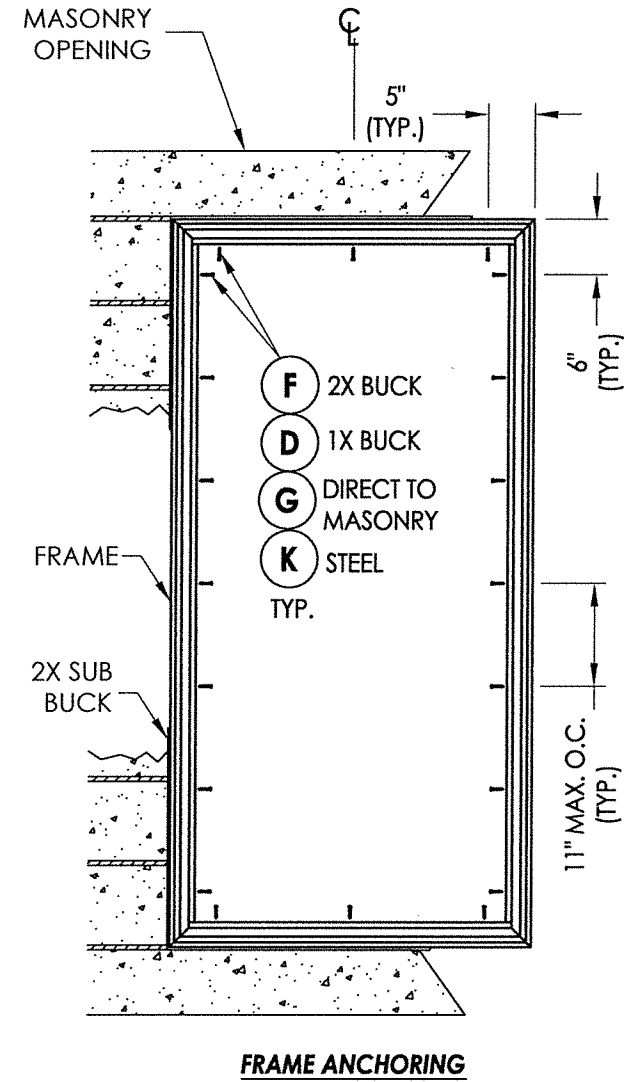
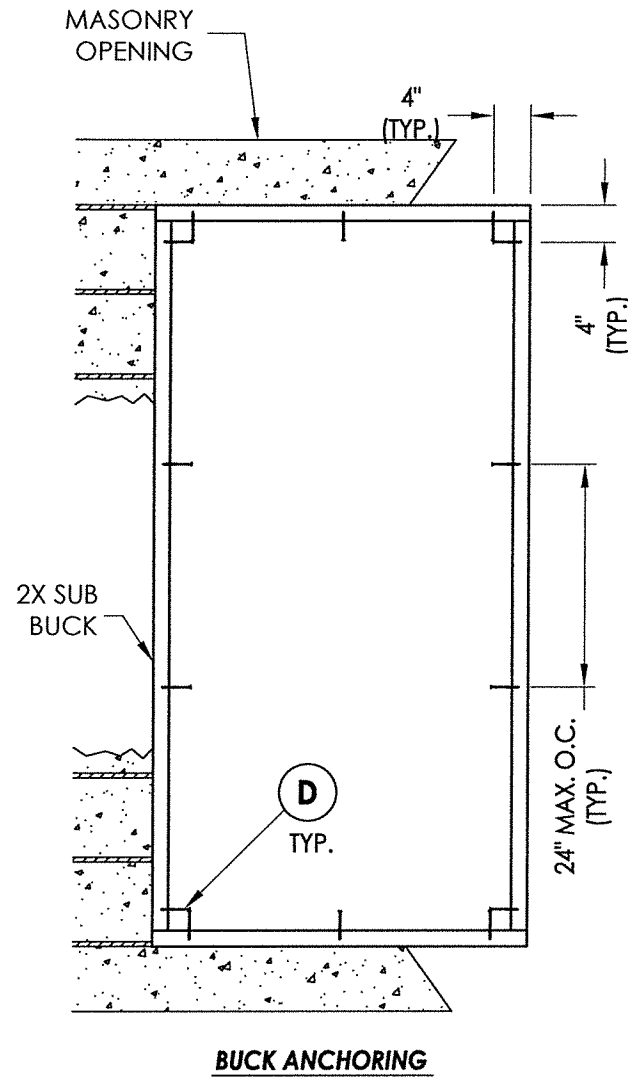
CHK. BY: LFS

DRAWING NO.: FL-15054.12

SHEET 3 OF 6

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38" X 73" MAX. OVERALL FLANGE DIMENSION

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"

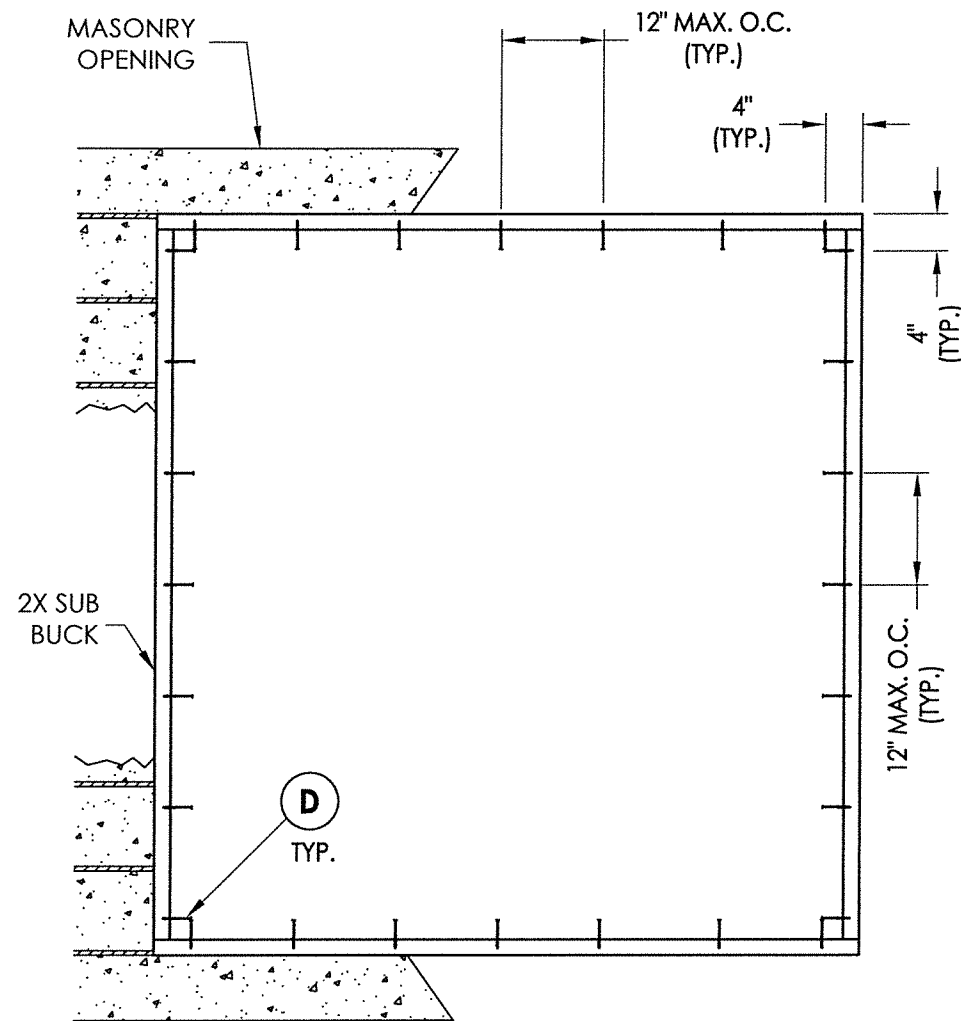
WOOD SCREW INSTALLATION NOTES:

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

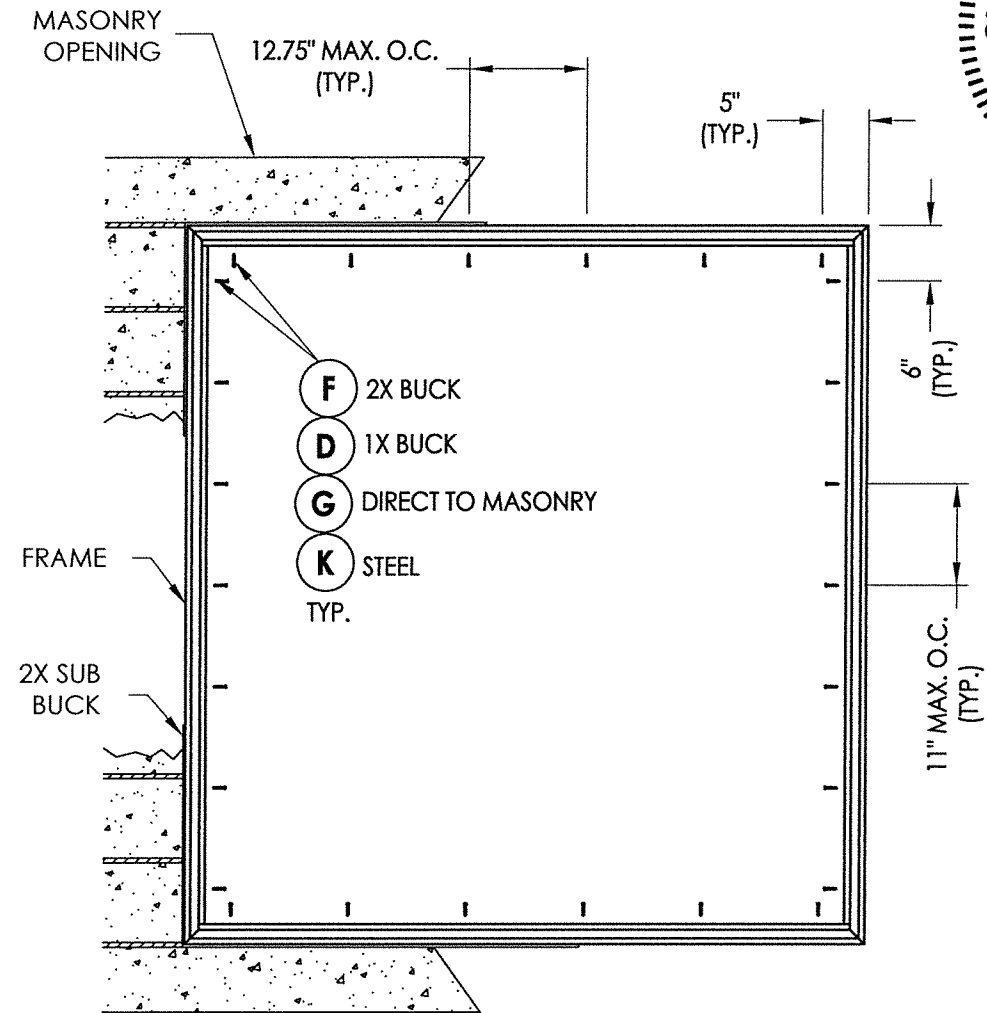
July 30, 2020 Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: NewSouth		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
DATE: 12/10/12		SCALE: N.T.S.		DWG. BY: JK	
CHK. BY: LFS		DRAWING NO.: FL-15054.12		SHEET 4 OF 6	
REVISIONS		NO.		DATE	
4		7/29/20		UPDATE TO 7TH ED. (2020) FBC	
3		9/22/17		UPDATE TO 6TH ED. (2017) FBC	
2		6/25/15		UPDATE TO 5TH ED. (2014) FBC	
1		2/14/13		ADDED HVHZ HEIGHT RESTRICTION	
NO.		DATE		BY	

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BUCK ANCHORING



FRAME ANCHORING

73" X 77" MAX. OVERALL FLANGE DIMENSION

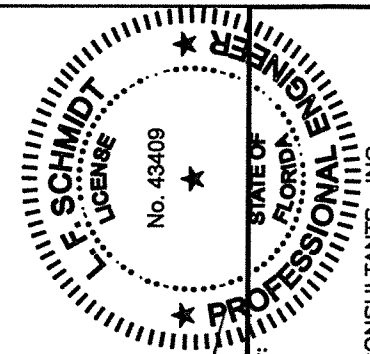
CONCRETE ANCHOR NOTES:

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

PRODUCT: NewSouth

PART OR ASSEMBLY:
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DATE: 12/10/12

SCALE: N.T.S.

DWG. BY: JK

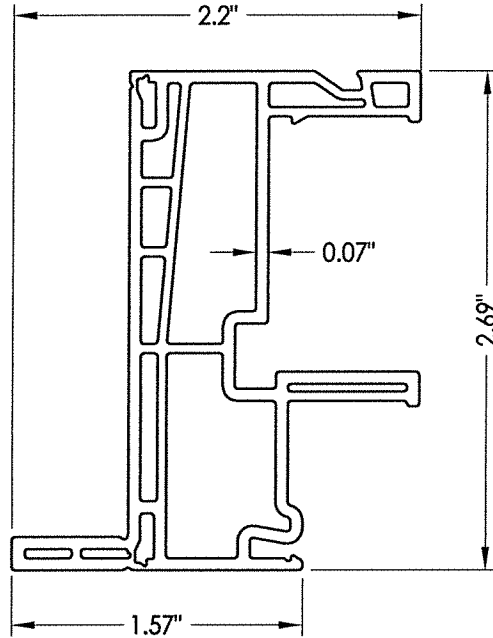
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DRAWING NO.: FL-15054.12

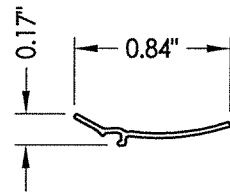
SHEET 5 OF 6

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	#8 X 1-1/2" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 1-3/4" PFH 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
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
3	GLASS SETTING BLOCK	-
4	GLAZING SPACER (Duraseal)	-
5	GLAZING SEALANT (Sikaflex-552)	SILICONE

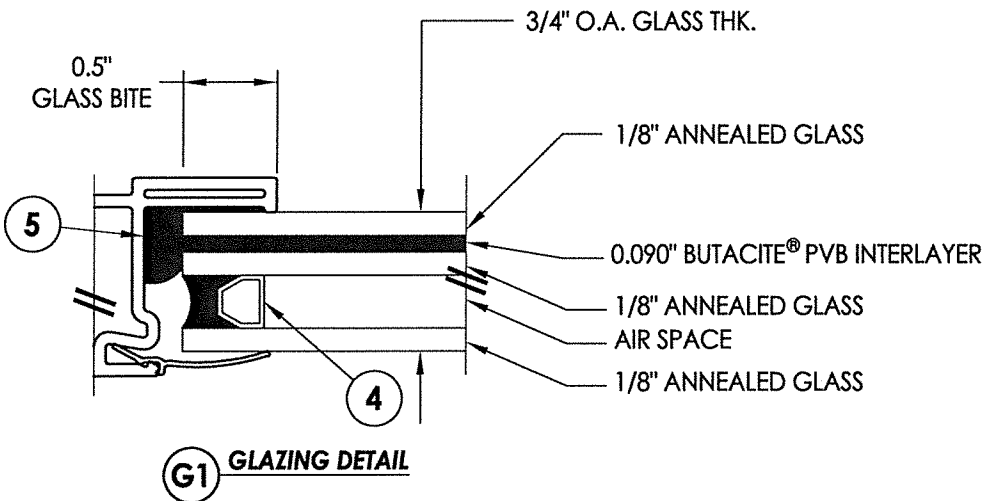
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



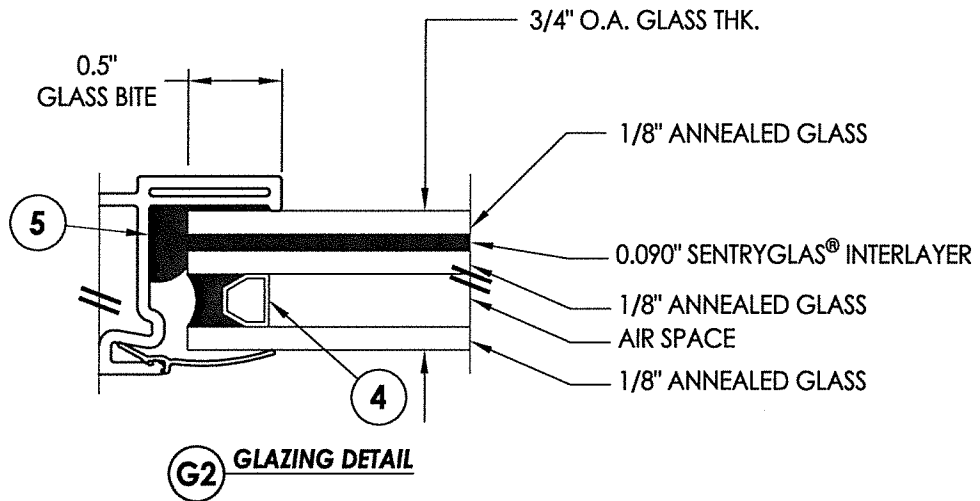
1 FRAME



2 GLAZING BEAD



G1 GLAZING DETAIL



G2 GLAZING DETAIL

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

