

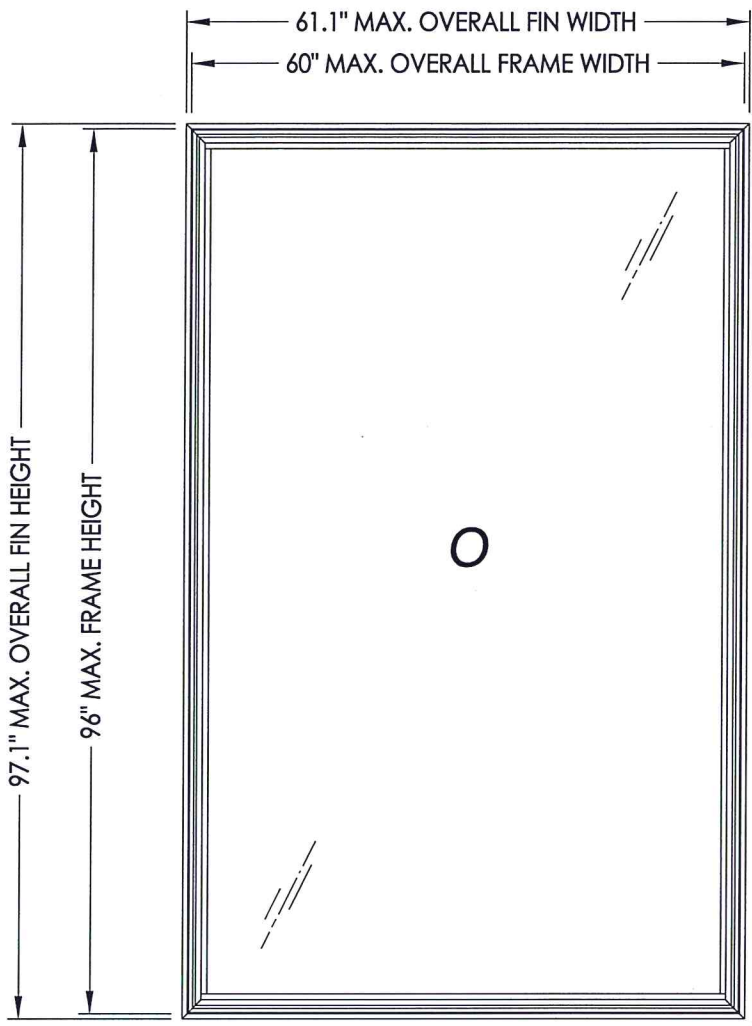


9600 Fixed Window
w/ Flange
"NON-IMPACT"

GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding 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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- 4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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



60" x 96" Frame Shown

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.
49.1" X 49.1"	48.0" X 48.0"	43.75" X 43.75"	G1	+100.0	-100.0
61.1" X 42.1"	60.0" X 41.0"	55.75" X 36.75"	G1	+100.0	-100.0
73.1" X 73.1"	72.0" X 72.0"	67.75" X 67.75"	G2	+80.0	-80.0
61.1" X 97.1"	60.0" X 96.0"	55.75" X 91.75"	G3	+80.0	-80.0

Professional Engineer

F. SCHMIDT

License

No. 43409

State of Florida

Professional Engineer

July 30, 2020

Documents Prepared By:

Lyndon F. Schmidt

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RW

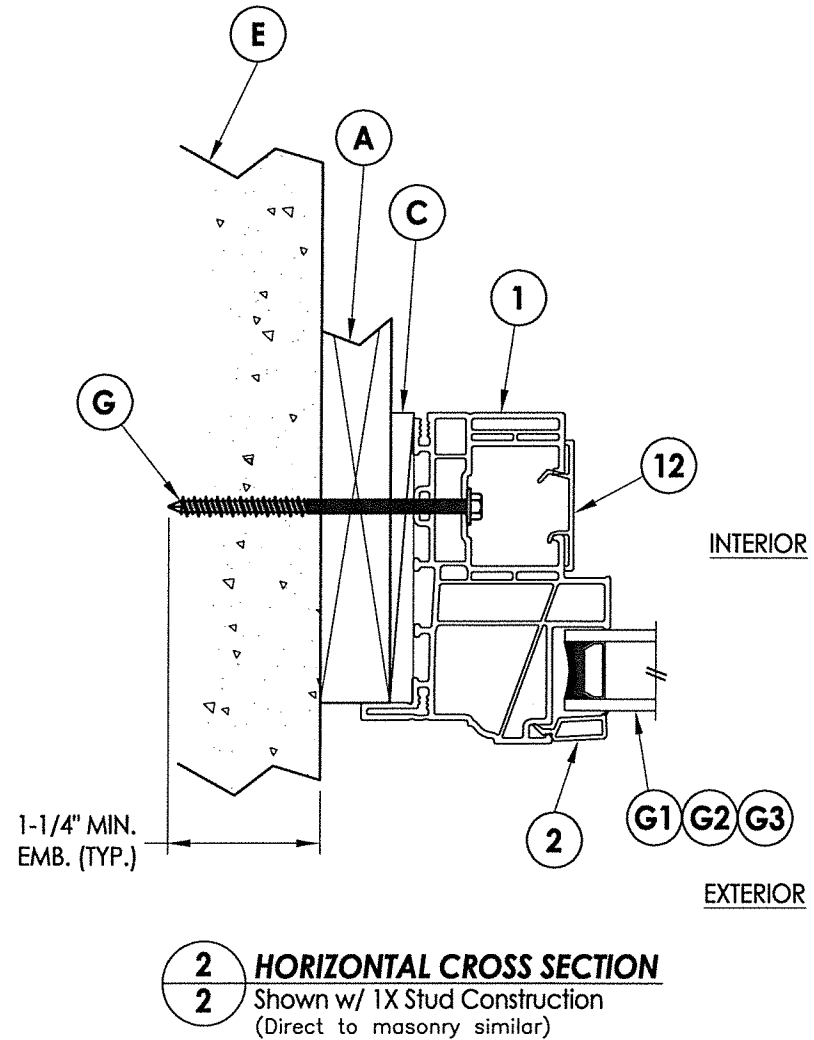
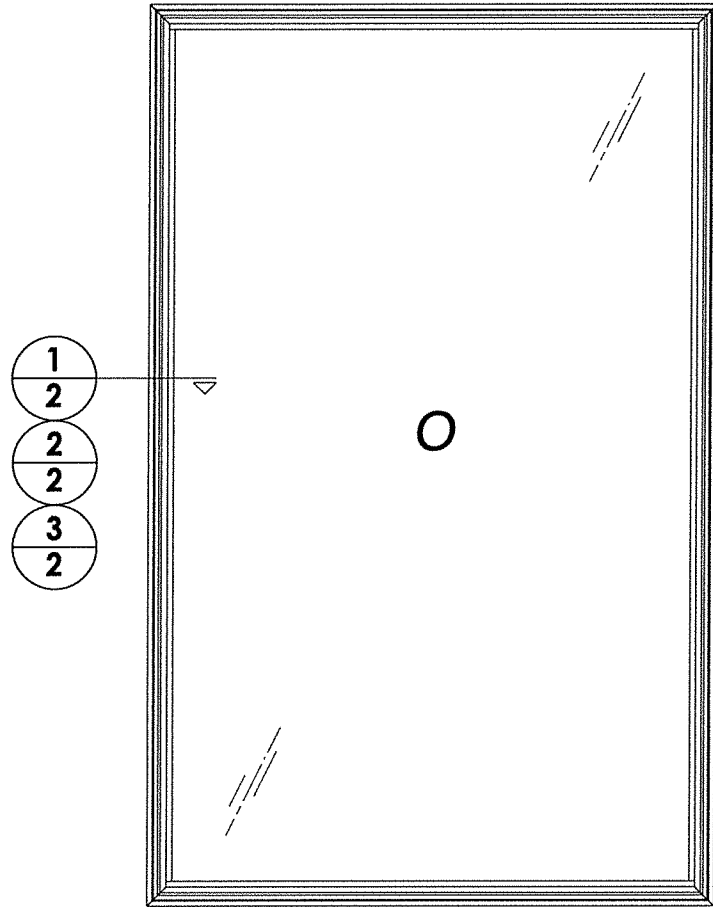
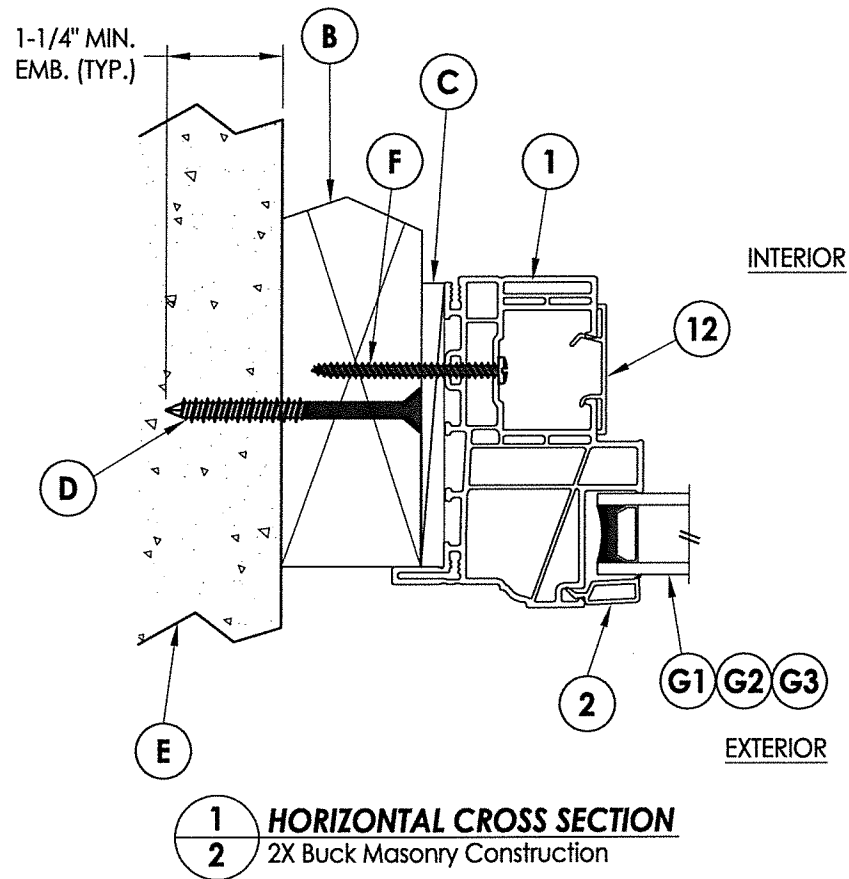
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P.O. Box 230, Valrico, FL 33595

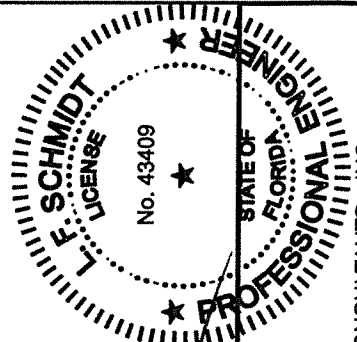
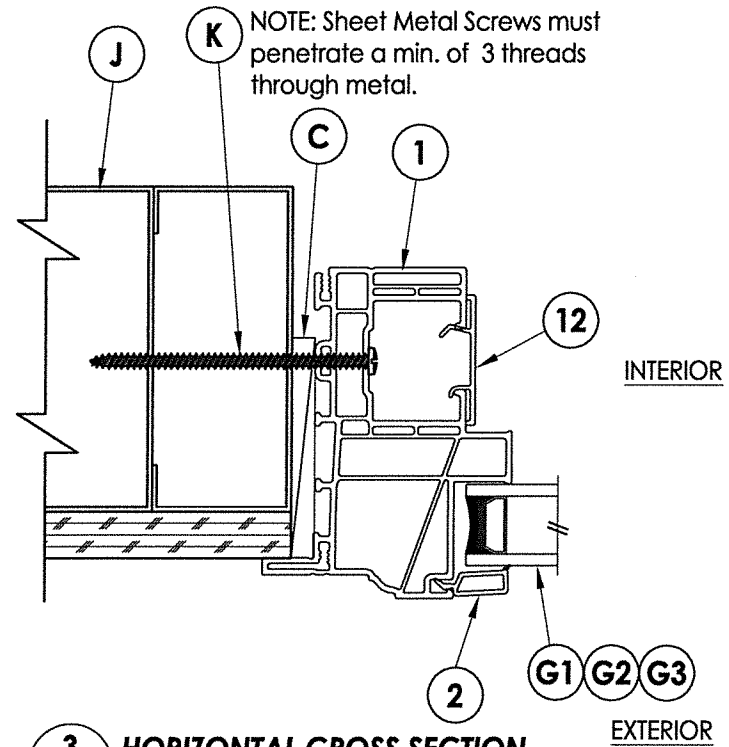
Phone No.: 813.659.9197

FBPE Registry No. 9813

PRODUCT: NewSouth		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		LFS	JK
		LFS	BY
		REVISIONS	
		NO.	DATE
		3	7/29/20
		2	9/22/17
		1	9/26/16
DATE: 6/26/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15054.14			
SHEET 1 OF 6			



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



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FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
3	7/29/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
1	9/26/16	ADDED ALT. ANCHOR LOCATION LFS

DATE: 6/26/15

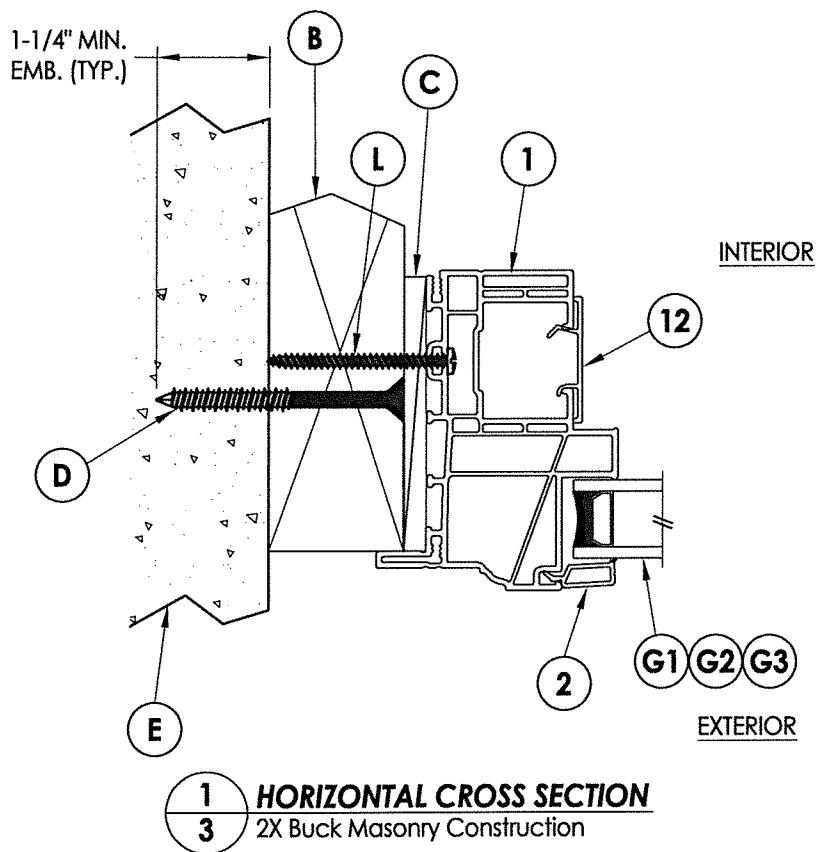
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DWG. BY: JK

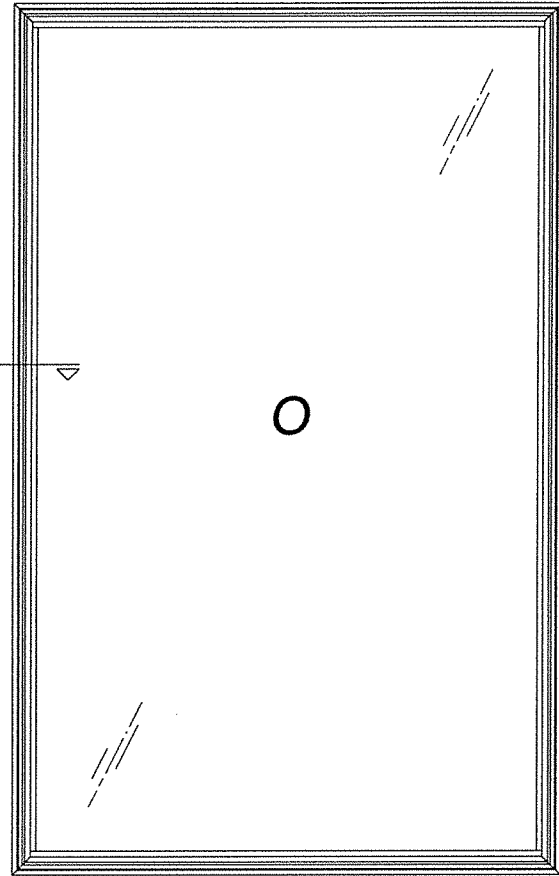
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DRAWING NO.:
FL-15054.14

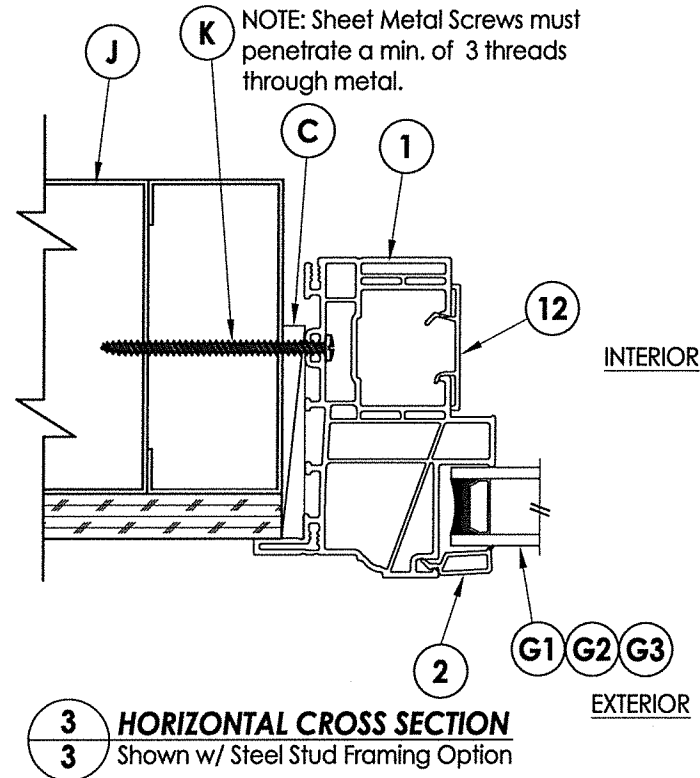
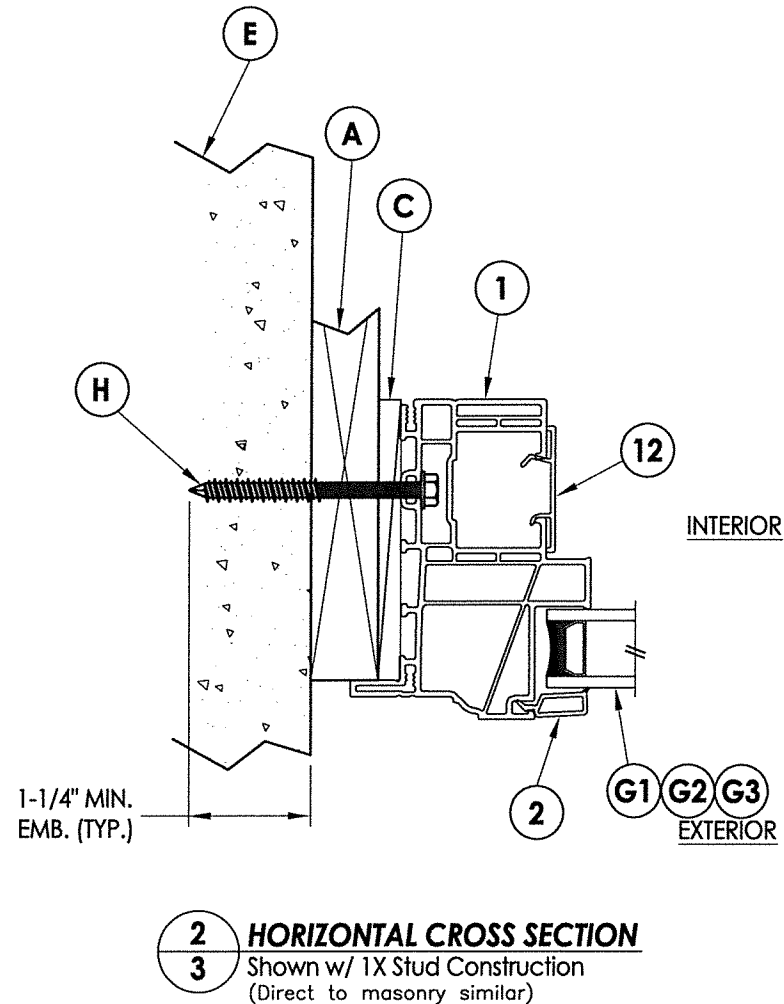
SHEET 2 OF 6



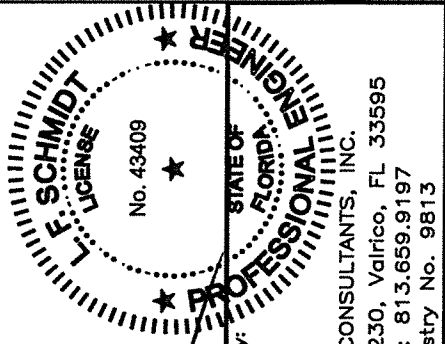
1
3
2
3
3
3



±55 PSF
MAX. DESIGN PRESSURE FOR ALTERNATE
ANCHORING LOCATION SHOWN ON THIS SHEET



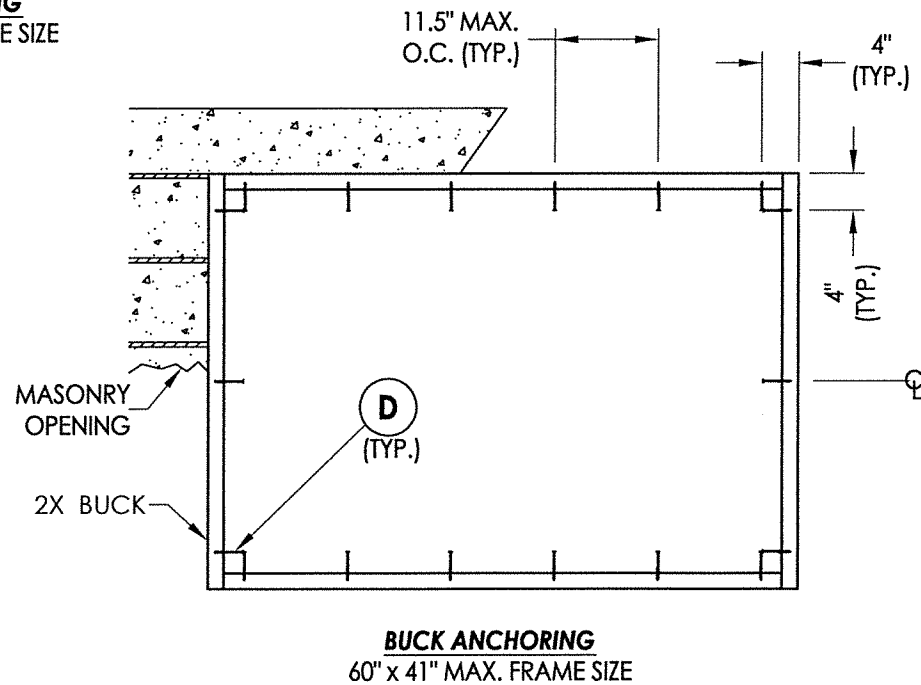
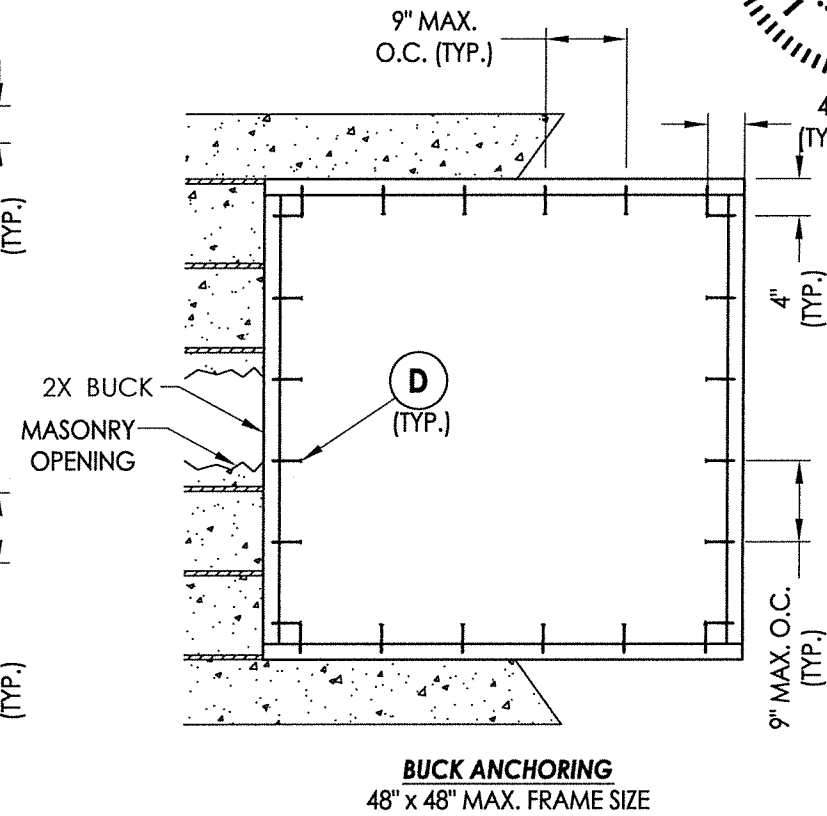
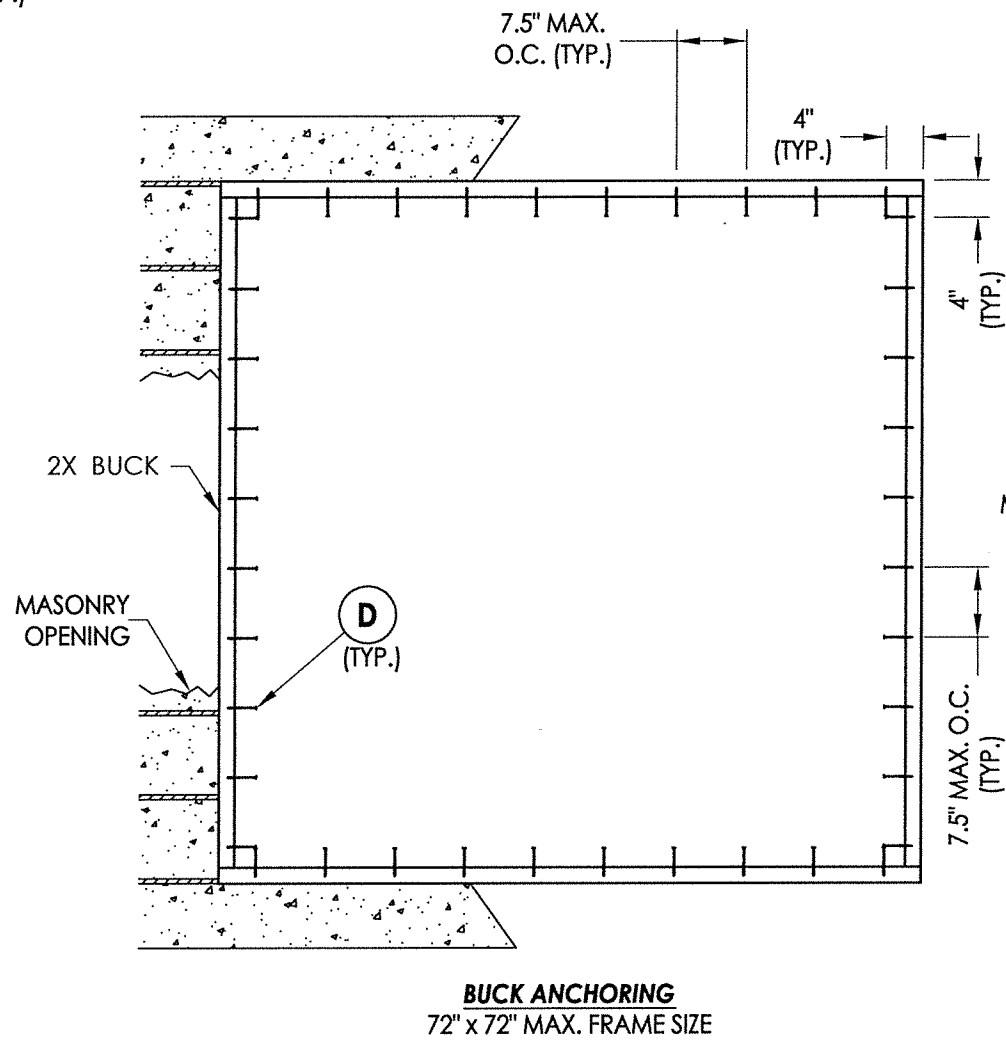
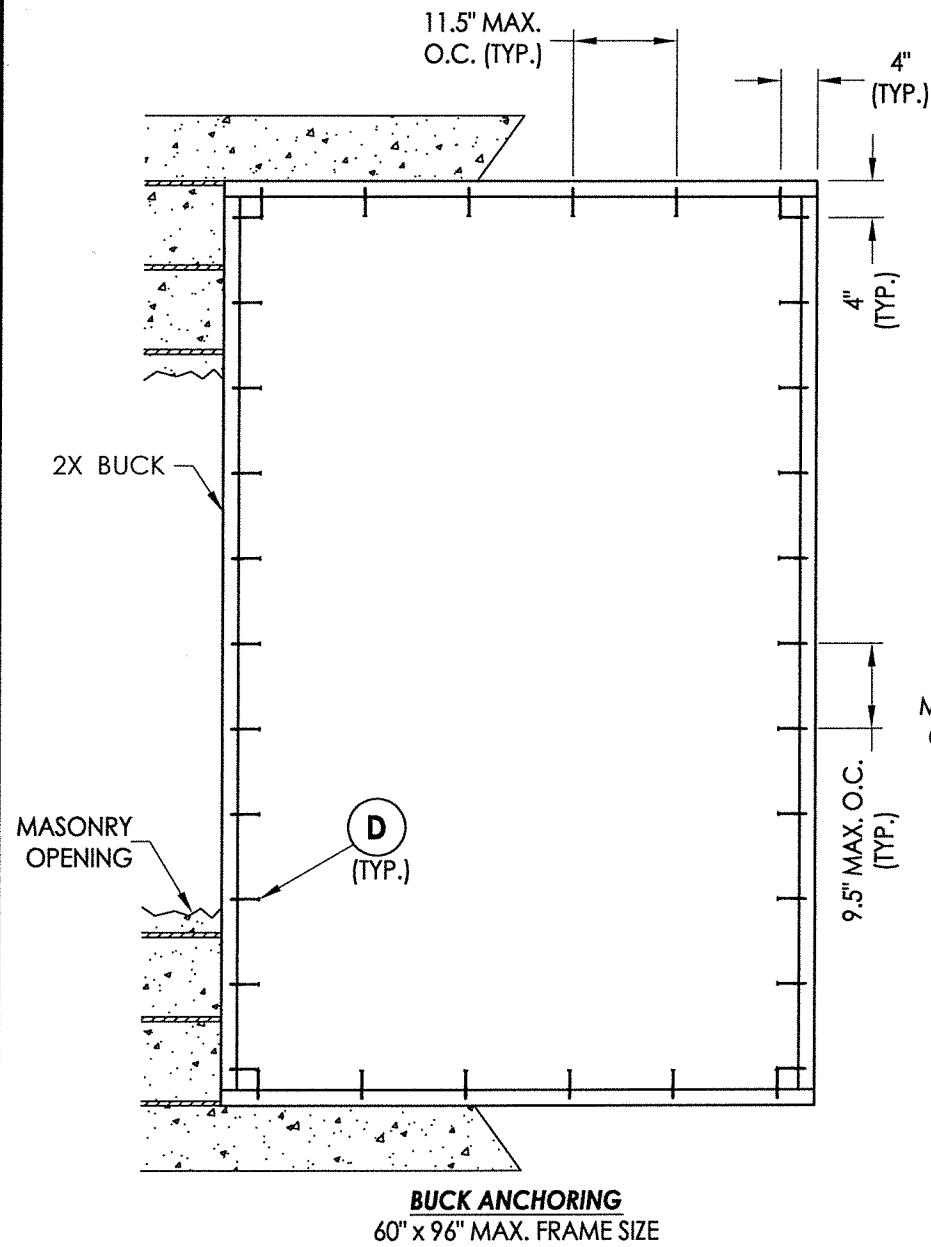
NOTE: Sheet Metal Screws must
penetrate a min. of 3 threads
through metal.



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PRODUCT:		NewSouth	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
DATE:		6/26/15	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15054.14	
SHEET		3	OF 6

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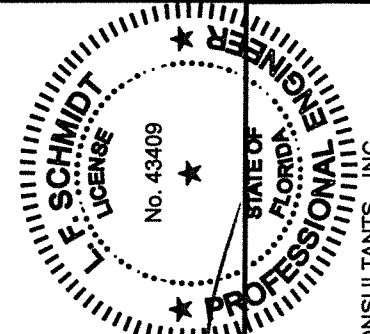
CONCRETE ANCHOR NOTES:

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.



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FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:

BUCK ANCHORING

REVISIONS

NO.	DATE	LOCATION	BY
3	7/29/20	UPDATE TO 7TH ED. (2020)	FBC LFS
2	9/22/17	UPDATE TO 6TH ED. (2017)	FBC JK
1	9/26/16	ADDED ALT. ANCHOR	LFS

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

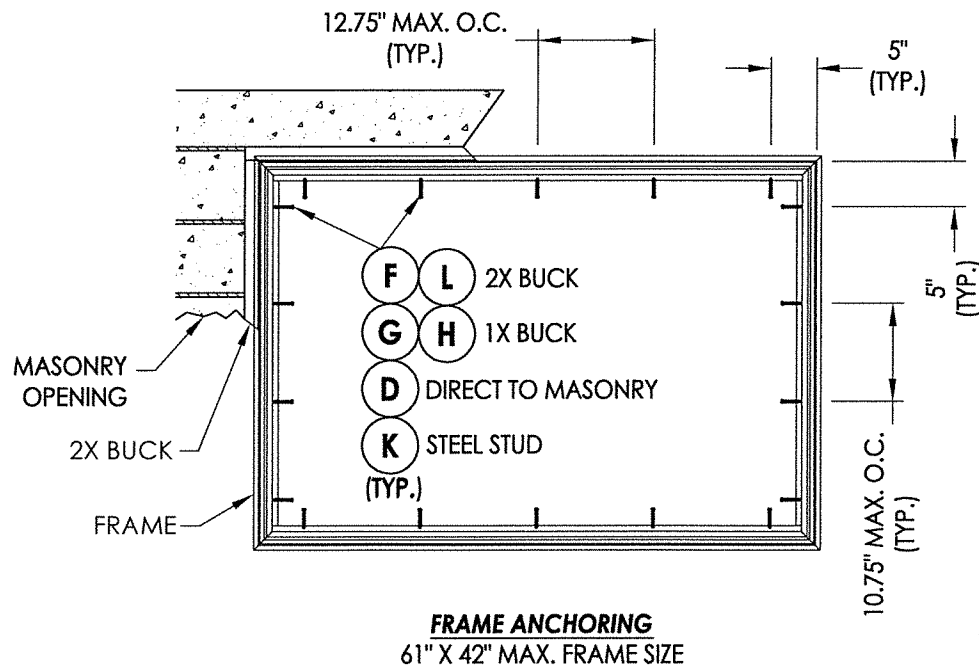
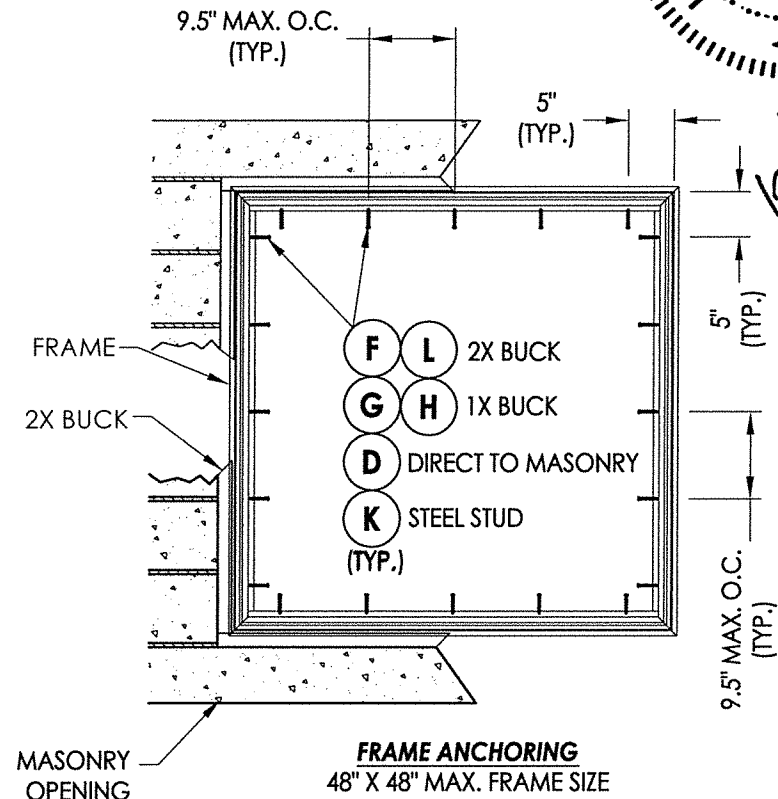
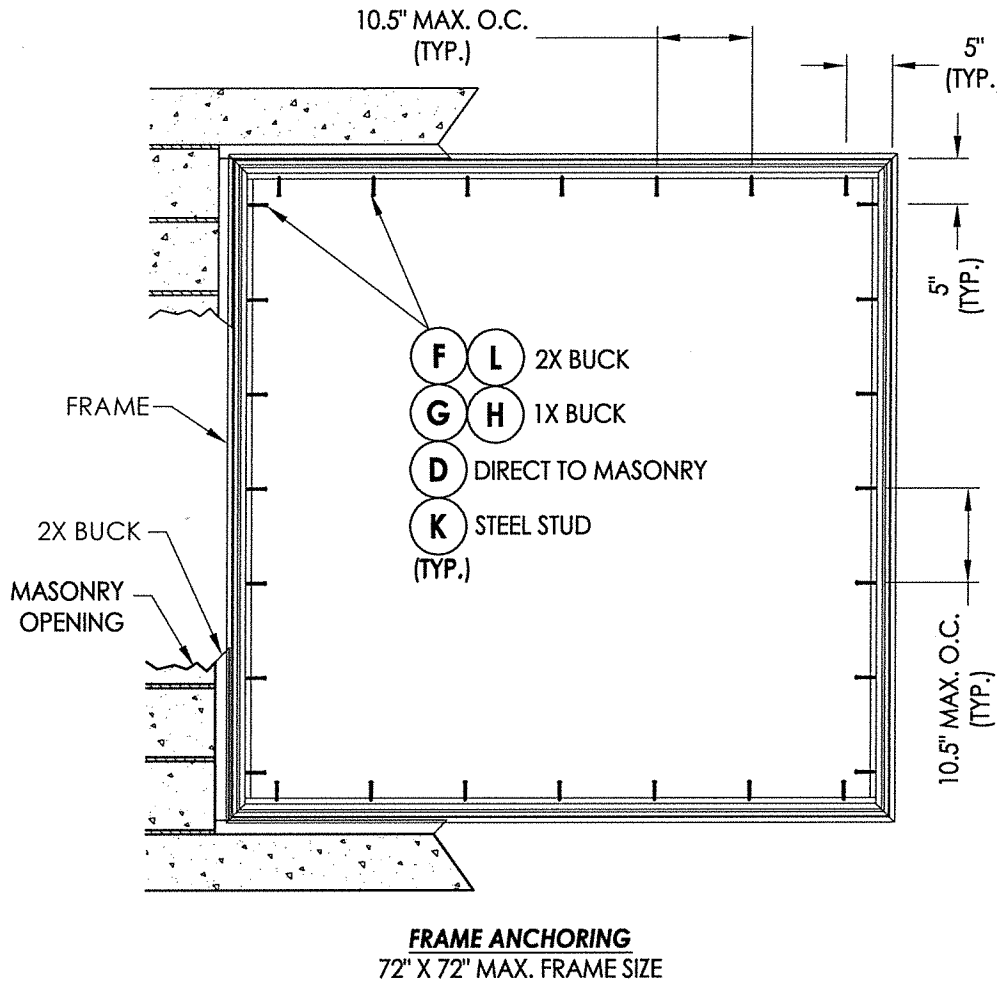
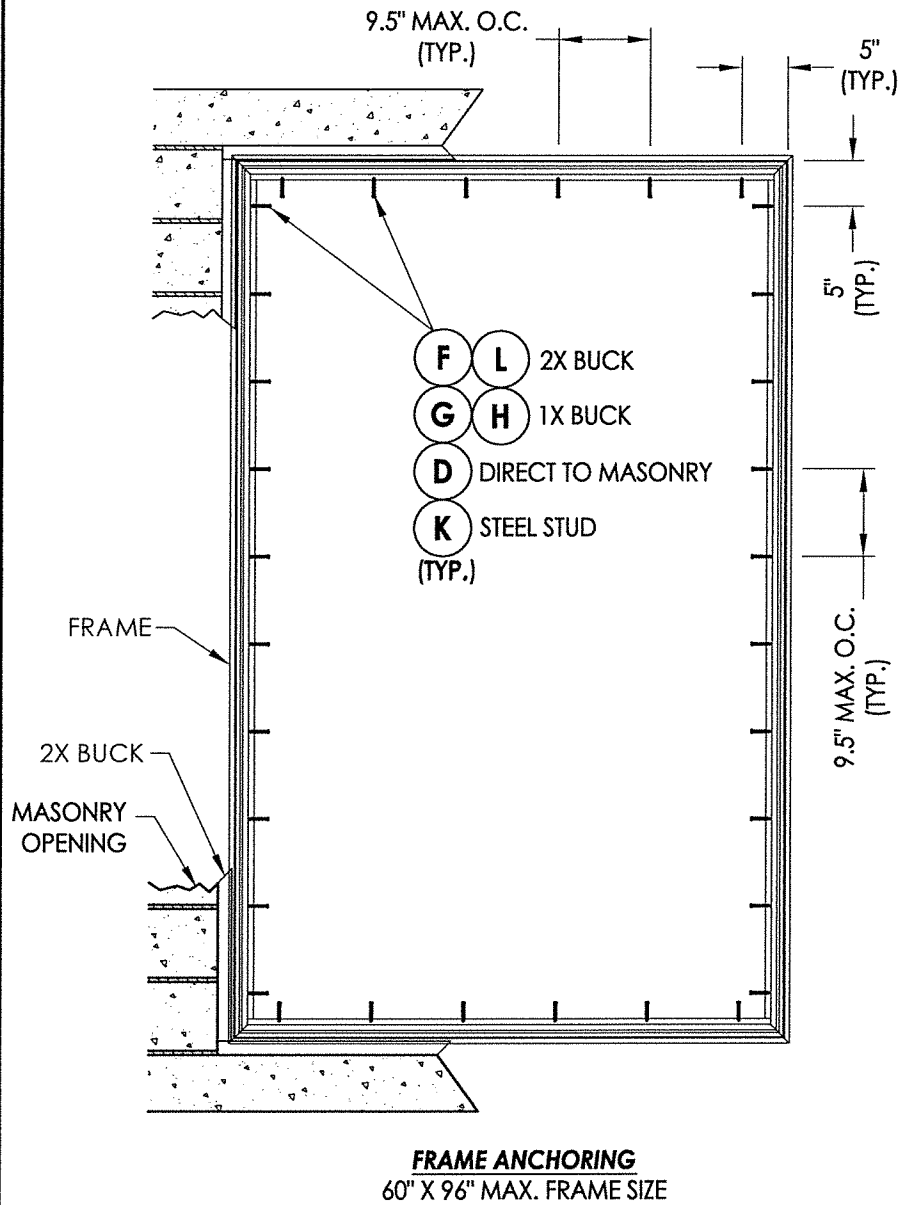
CHK. BY: LFS

DRAWING NO.:

FL-15054.14

SHEET 4 OF 6

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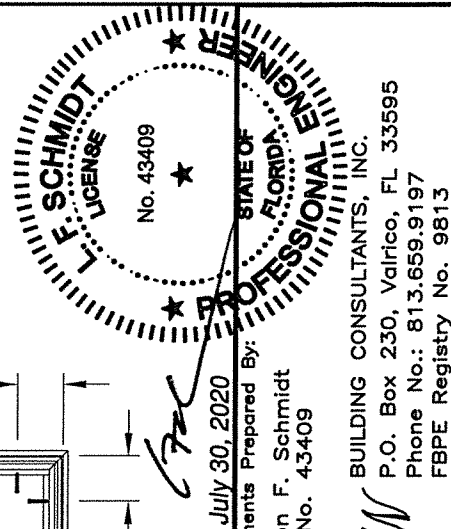
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PRODUCT: NewSouth

PART OR ASSEMBLY:

FRAME ANCHORING

NO.	DATE	REVISIONS
3	7/29/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
1	9/26/16	ADDED ALT. ANCHOR LOCATION LFS

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

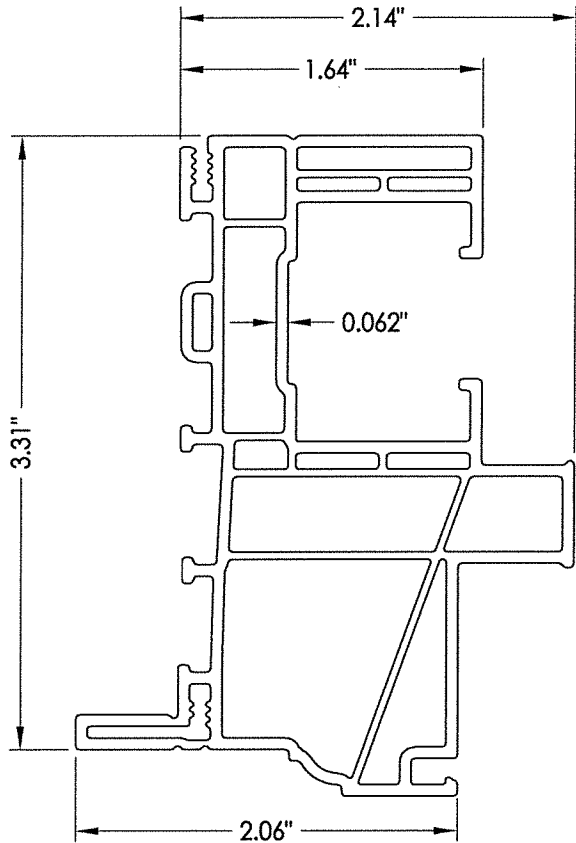
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SHEET 5 OF 6

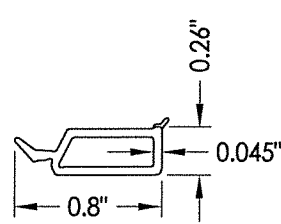
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW 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

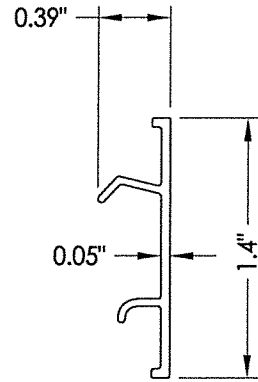
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



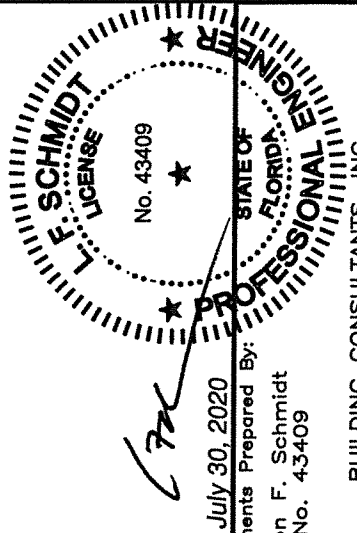
1 FRAME



2 GLAZING BEAD



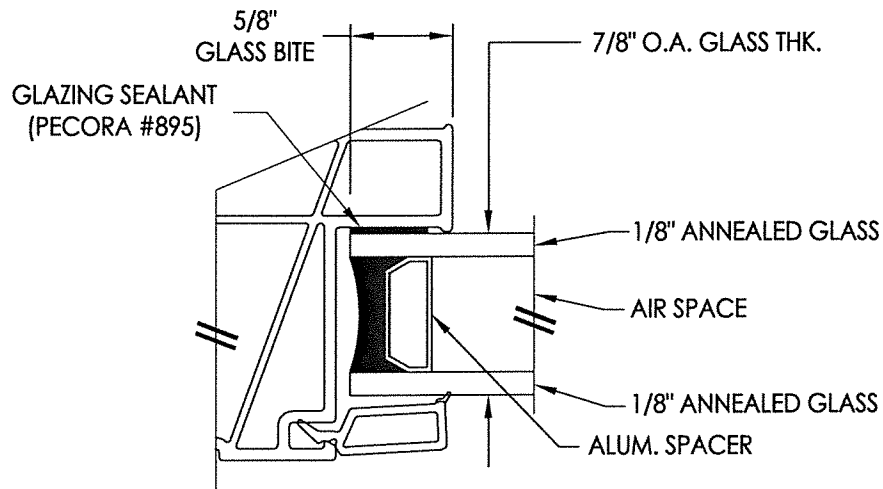
12 FRAME ADAPTER



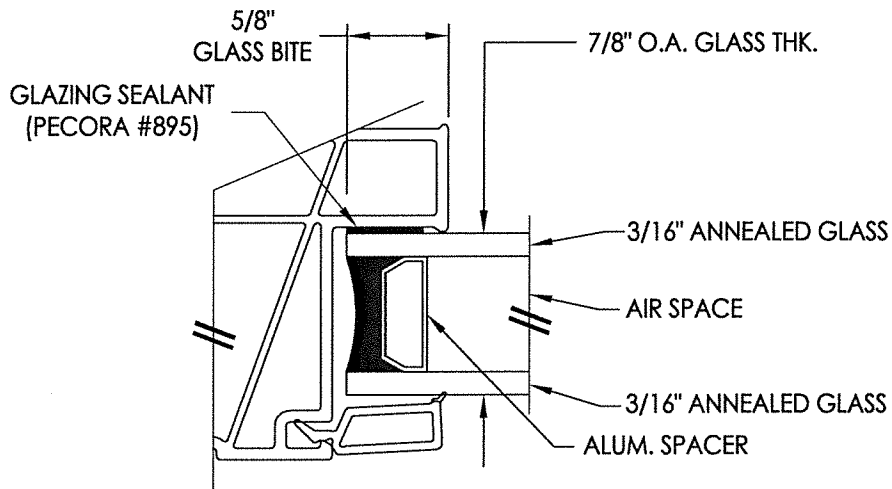
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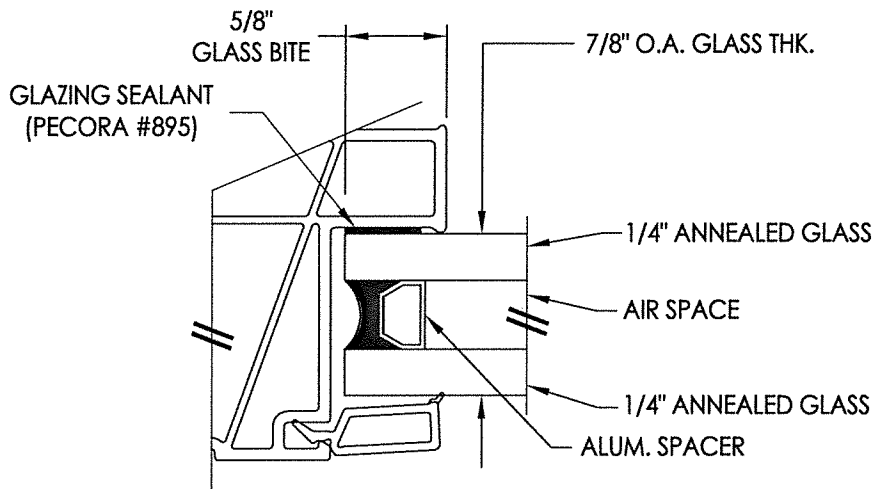
PRODUCT: NewSouth
PART OR ASSEMBLY:
BILL OF MATERIALS, COMPONENTS
& GLAZING DETAILS



G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL

REVISIONS	
NO.	DATE
3	7/29/20
2	9/22/17
1	9/26/16

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15054.14

SHEET 6 OF 6