

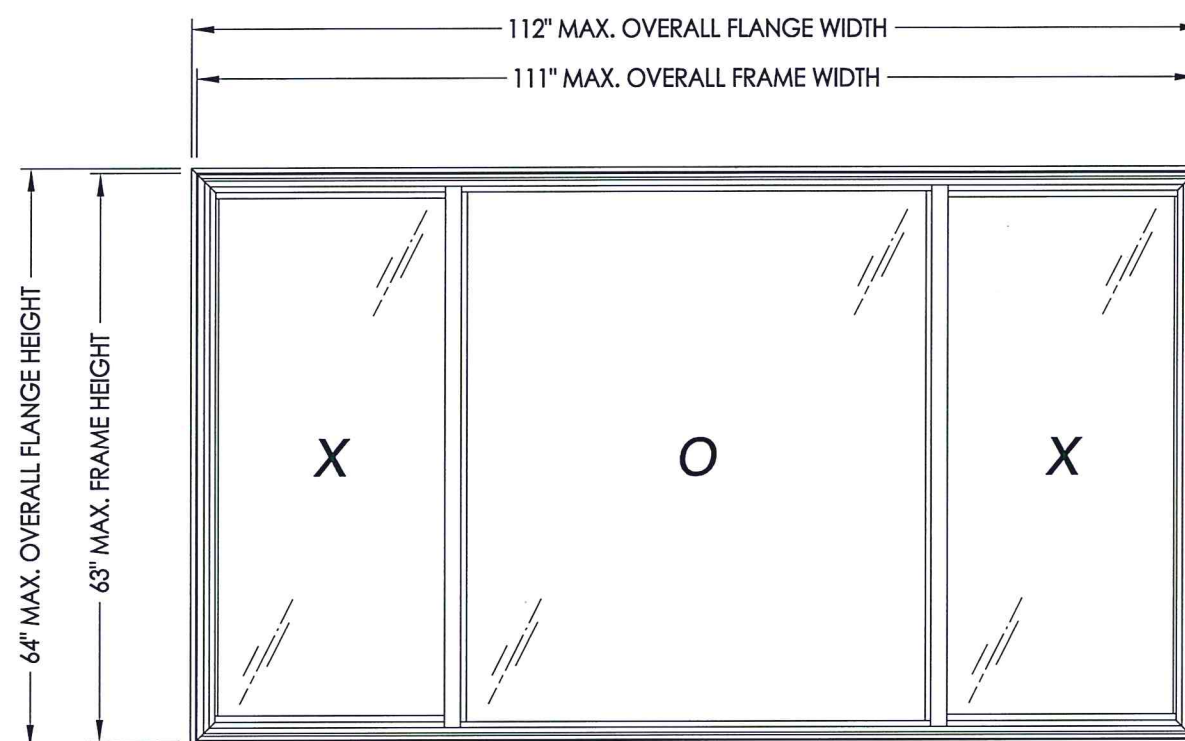


Series 9000 Model 9500-3
SLIDER XOX
w/ Flange
"NON-IMPACT"

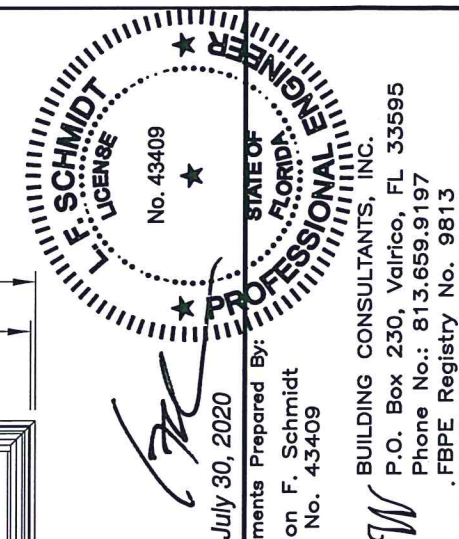
GENERAL NOTES

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	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials and glazing details



MAX. OVERALL FLANGE DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
112.0" X 64.0"	111.0" X 63.0"	25.0" X 57.25"	51.0" X 58.5"	G1	+45.0	-45.0



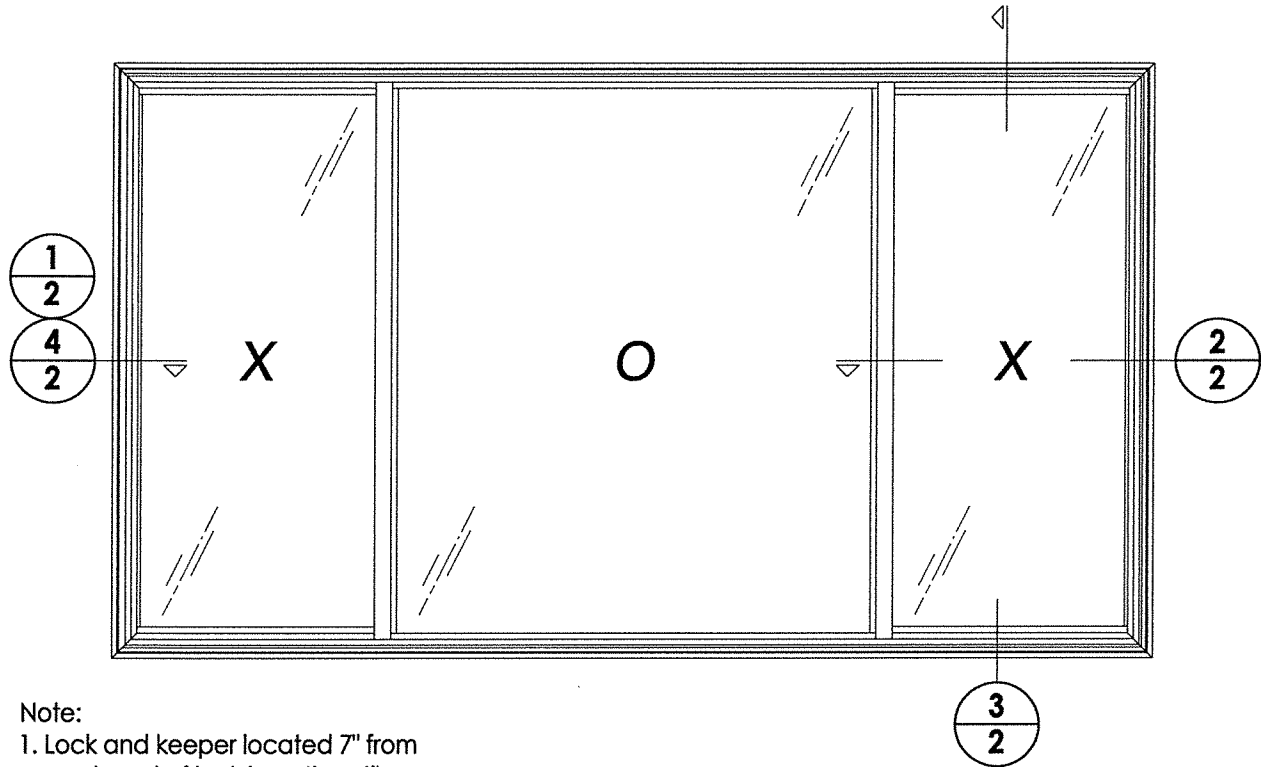
July 30, 2020

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Phone No.: 813.659.9197
FBPE Registry No. 9813

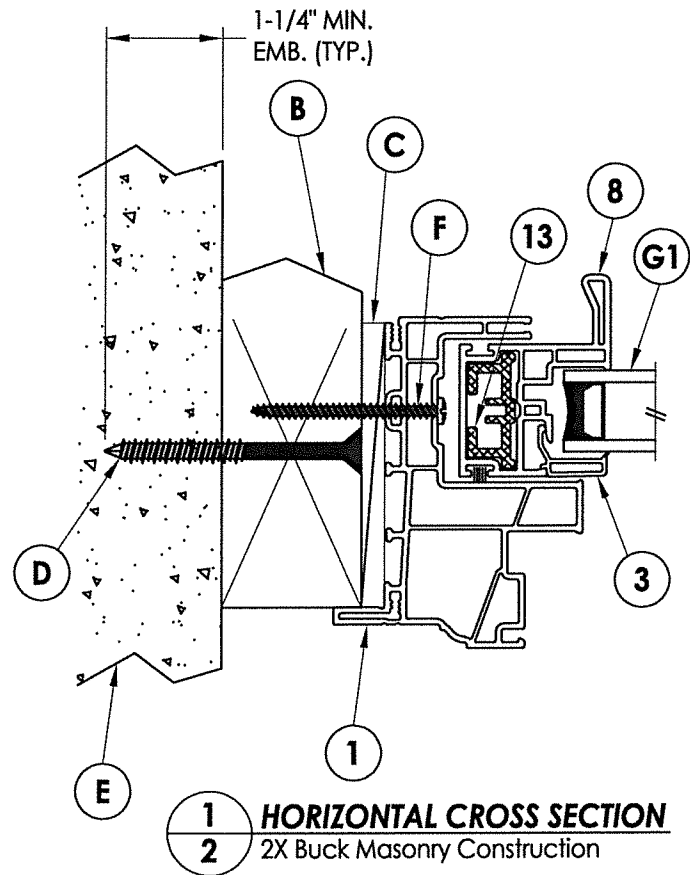
DATE: 2/20/14		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
CHK. BY: LFS			
DRAWING NO.: FL-16842.8			
SHEET 1 OF 6			
4	7/30/20	UPDATE TO 7TH ED. (2020)	FBC DAC
3	9/22/17	UPDATE TO 6TH ED. (2017)	FBC JK
2	9/26/16	ADDED ALT. ANCHOR LOCATION	LFS
1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC LFS
NO.	DATE		BY
		REVISIONS	

\\dc01\rbw\c\New South Windows PERMANENT\A - Florida Product Approvals\FL-16842 Horizontal Slides\A - Drawings\FL-16842 (2020) R5\FL-16842.8-9.dwg



Note:

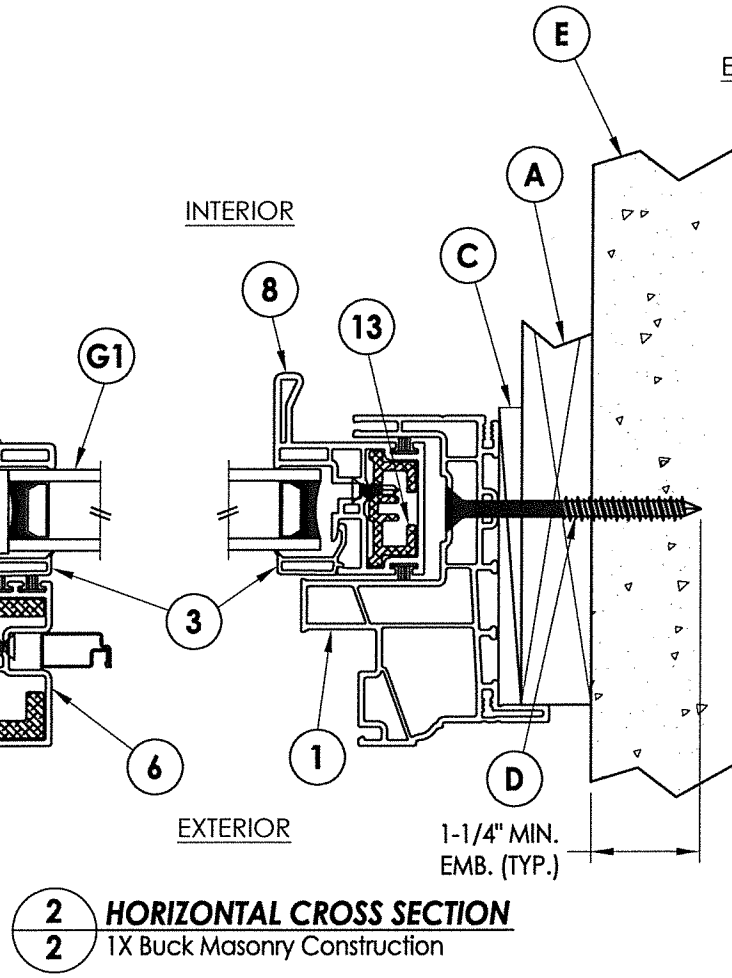
1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.



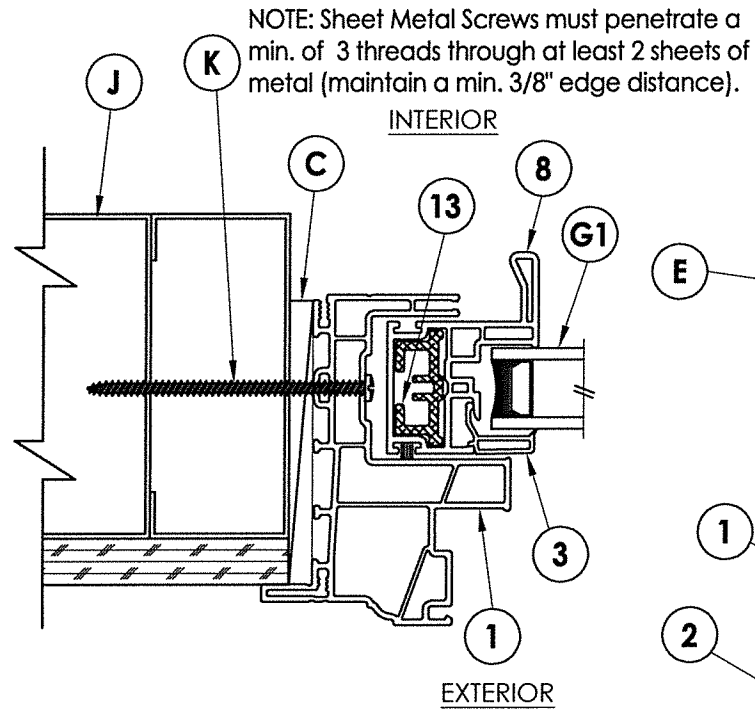
INTERIOR

SEE NOTE 1

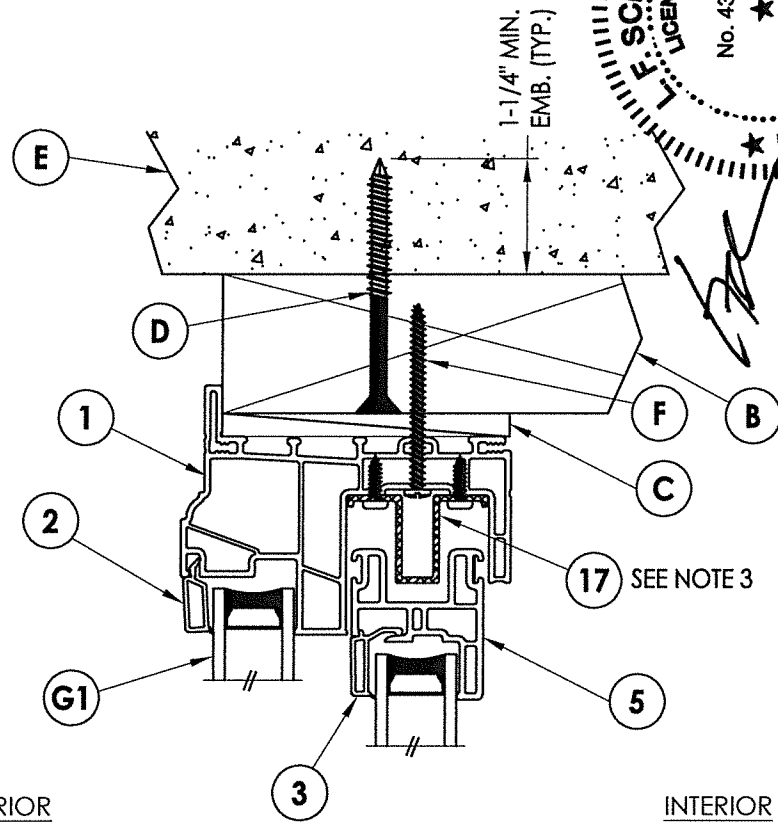
EXTERIOR



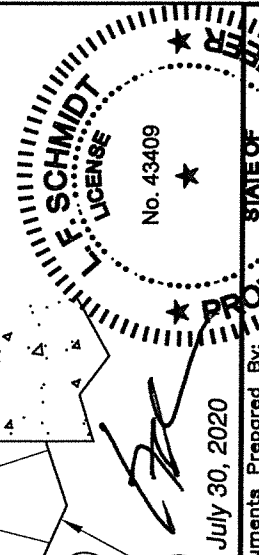
4
2 **HORIZONTAL CROSS SECTION**
Metal Stud Construction



NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal (maintain a min. 3/8\"/>



3
2 **VERTICAL CROSS SECTION**
2X Buck Masonry Construction



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FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
4	7/30/20	UPDATE TO 7TH ED. (2020) FBC
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC
2	9/26/16	ADDED ALT. ANCHOR LOCATION
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 2/20/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16842.8
SHEET 2 OF 6

1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.

[illegible]

2 HORIZONTAL CROSS SECTION
3 1X Buck Masonry Construction

NOTE: Sheet Metal Screws must p
min. of 3 threads through at leas
metal (maintain a min. 3/8" edge

INTERIOR

EXTERIOR

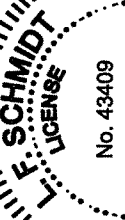
4 HORIZONTAL CROSS SECTION
3 Metal Stud Construction

EXTERIOR

INTERIOR

1 2 G1 3 4 15 18 14 SEE NOTE 2 16 C B L D E 1-1/4" MIN. EMB. (TYP.)

3 **VERTICAL CROSS SECTION**
3 2X Buck Masonry Construction



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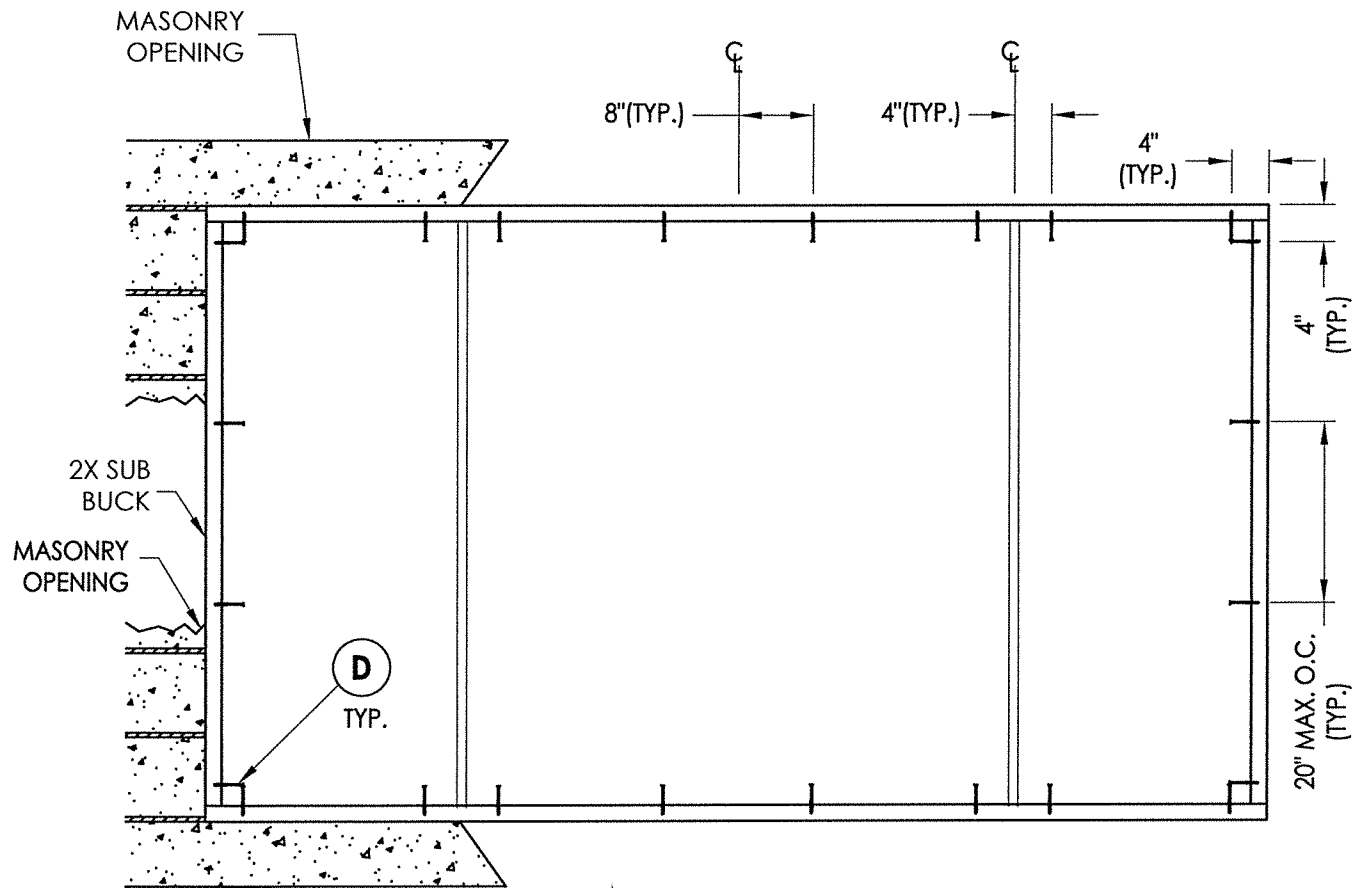
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
.FBPE Registry No. 9813

PRODUCT: NewSouth

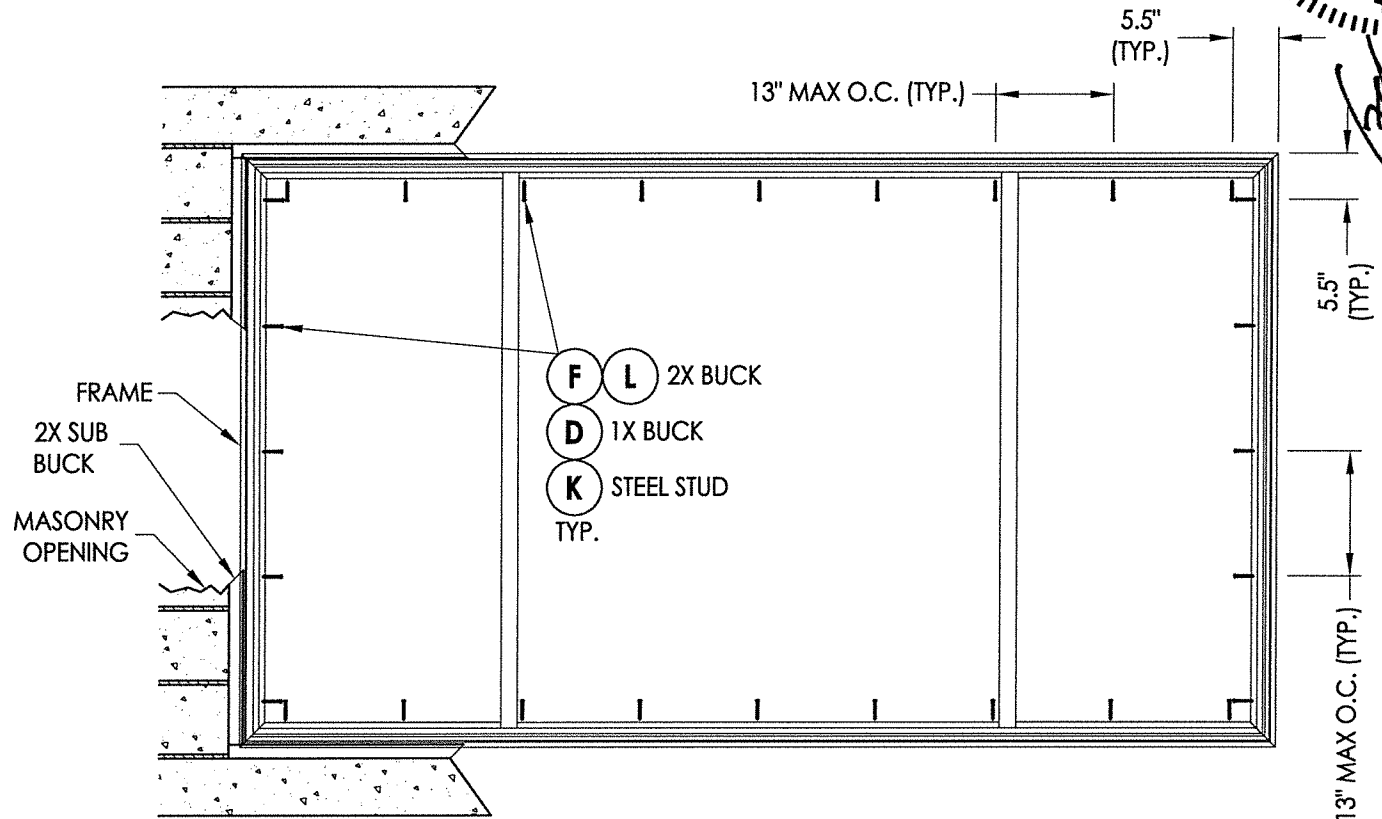
OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

[illegible]

\\dc01\wbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-16842 Horizontal Slider\A - Drawings\FL-16842 (2020) R5\FL-16842.8-9.dwg



BUCK ANCHORING



FRAME ANCHORING

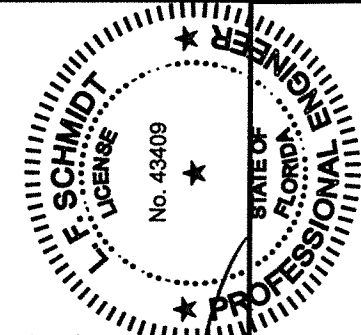
CONCRETE ANCHOR NOTES:

- 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 ULTRA CON®	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.



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FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
4	7/30/20	UPDATE TO 7TH ED. (2020) FBC DAC
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
2	9/26/16	ADDED ALT. ANCHOR LOCATION LFS
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 2/20/14

SCALE: N.T.S.

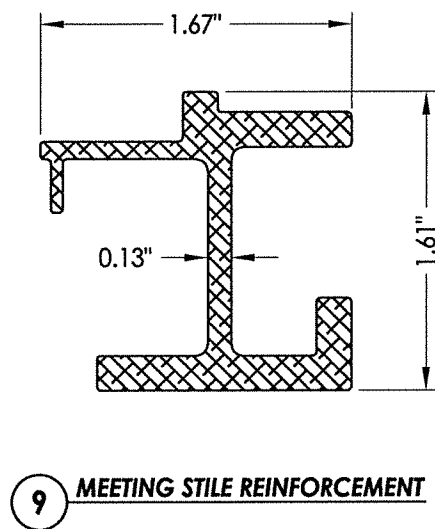
DWG. BY: JK

CHK. BY: LFS

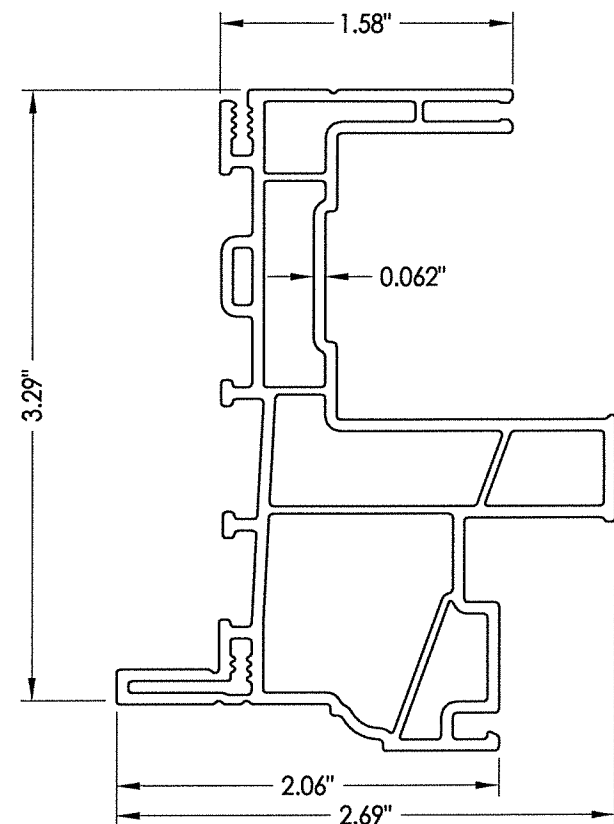
DRAWING NO.:

FL-16842.8

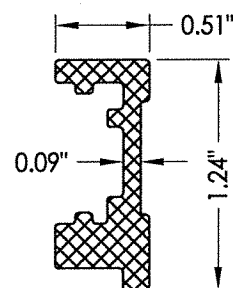
SHEET 4 OF 6



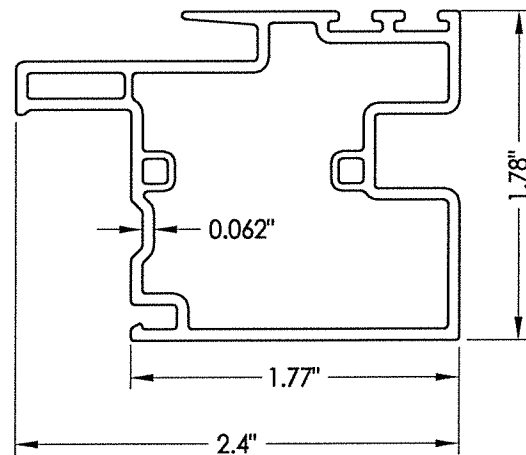
9 MEETING STILE REINFORCEMENT



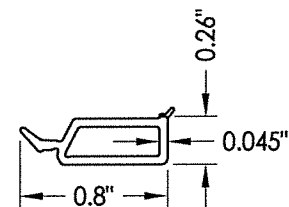
1 FRAME



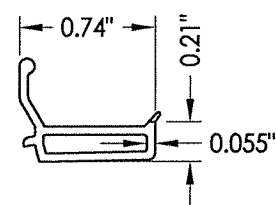
10 LOCK STILE REINFORCEMENT



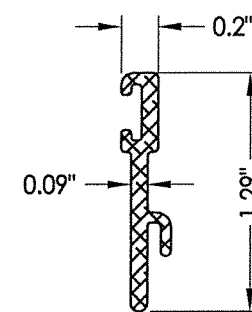
6 MEETING STILE



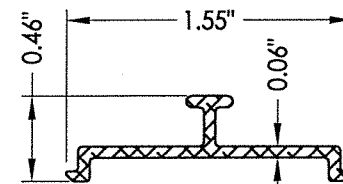
2 GLAZING BEAD



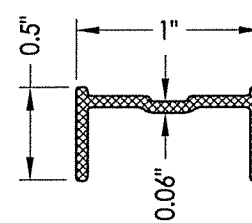
3 GLAZING BEAD



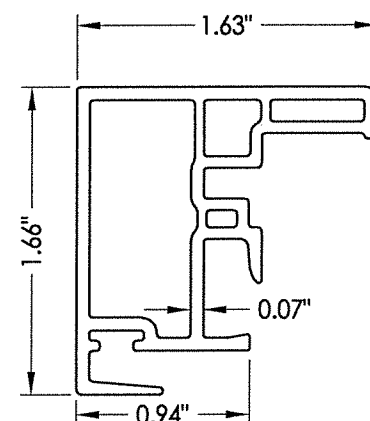
15 SILL RISER



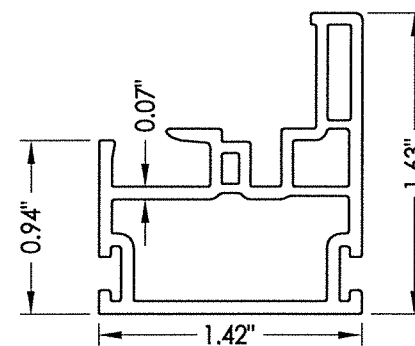
16 ROLLER TRACK



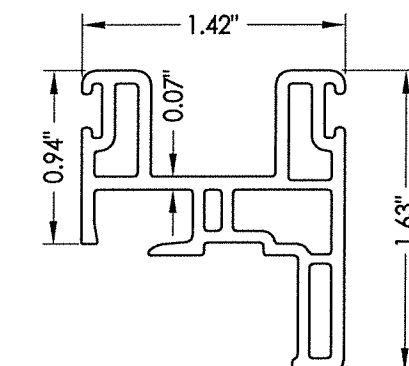
18 BOTTOM RAIL REINFORCEMENT



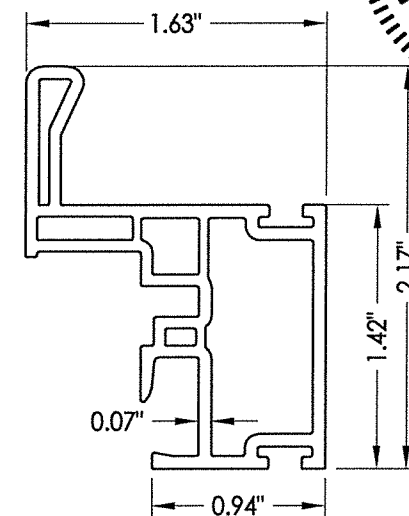
7 LOCK STILE



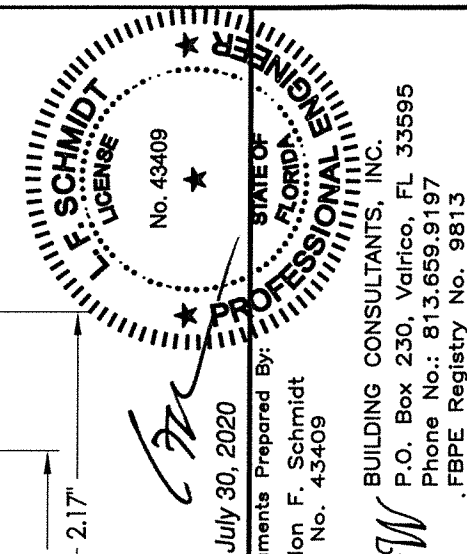
4 BOTTOM RAIL



5 TOP RAIL



8 HANDLE STILE



July 30, 2020

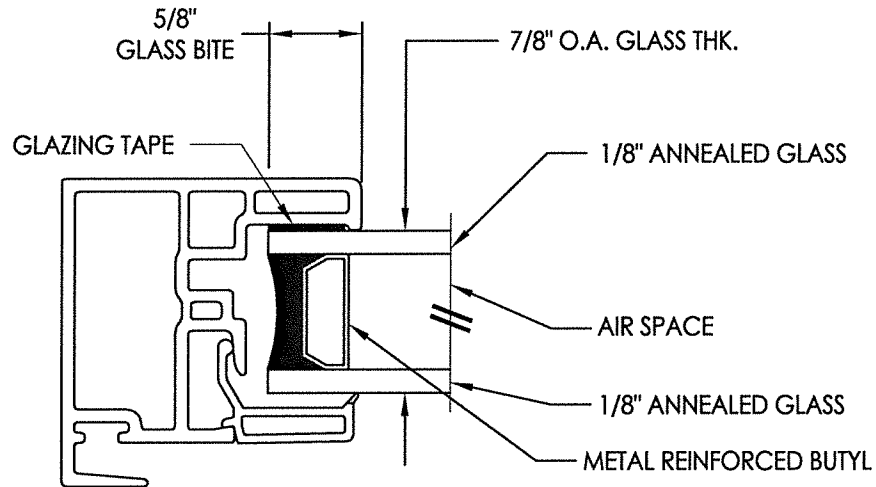
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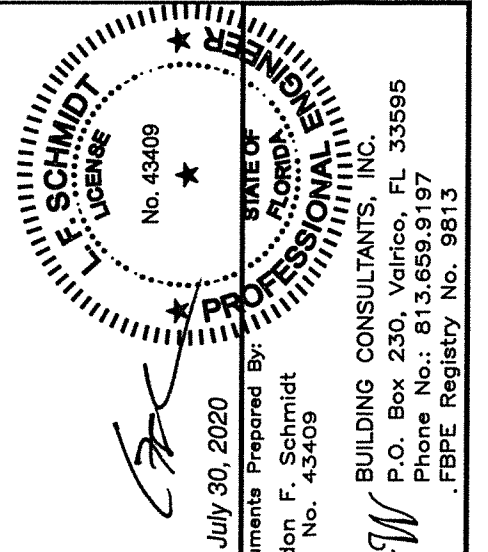
DATE: 2/20/14		PRODUCT: NewSouth		PART OR ASSEMBLY: COMPONENTS
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-16842.8				
SHEET 5 OF 6				

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	#10 X 2" PPH SMS (1-1/4" 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
L	#10 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL FRAME (439)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD (425A) *	RIGID PVC
4	BOTTOM RAIL (424B)*	RIGID PVC
5	TOP RAIL (478)*	RIGID PVC
6	MEETING STILE (477)*	RIGID PVC
7	LOCK STILE (476)*	RIGID PVC
8	HANDLE STILE (475B)*	RIGID PVC
9	MEETING STILE REINFORCEMENT	6063 - T5 ALUM
10	LOCK STILE REINFORCEMENT	6063 - T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
13	HANDLE STILE REINFORCEMENT	6063 - T5 ALUM
14	ROLLER (TRUTH #2433-1000)	-
15	SILL RISER	6063 - T5 ALUM
16	ROLLER TRACK	6063 - T5 ALUM
17	ANTI-LIFT ALUMINUM	6063 - T5 ALUM
18	BOTTOM RAIL REINFORCEMENT	6063 - T5 ALUM
20	WEATHERSTRIP (.187" X .290")	-

* 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



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PRODUCT: NewSouth

PART OR ASSEMBLY:
**BILL OF MATERIALS
AND GLAZING DETAILS**

[illegible]

DATE: 2/20/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16842.8

SHEET 6 OF 6