

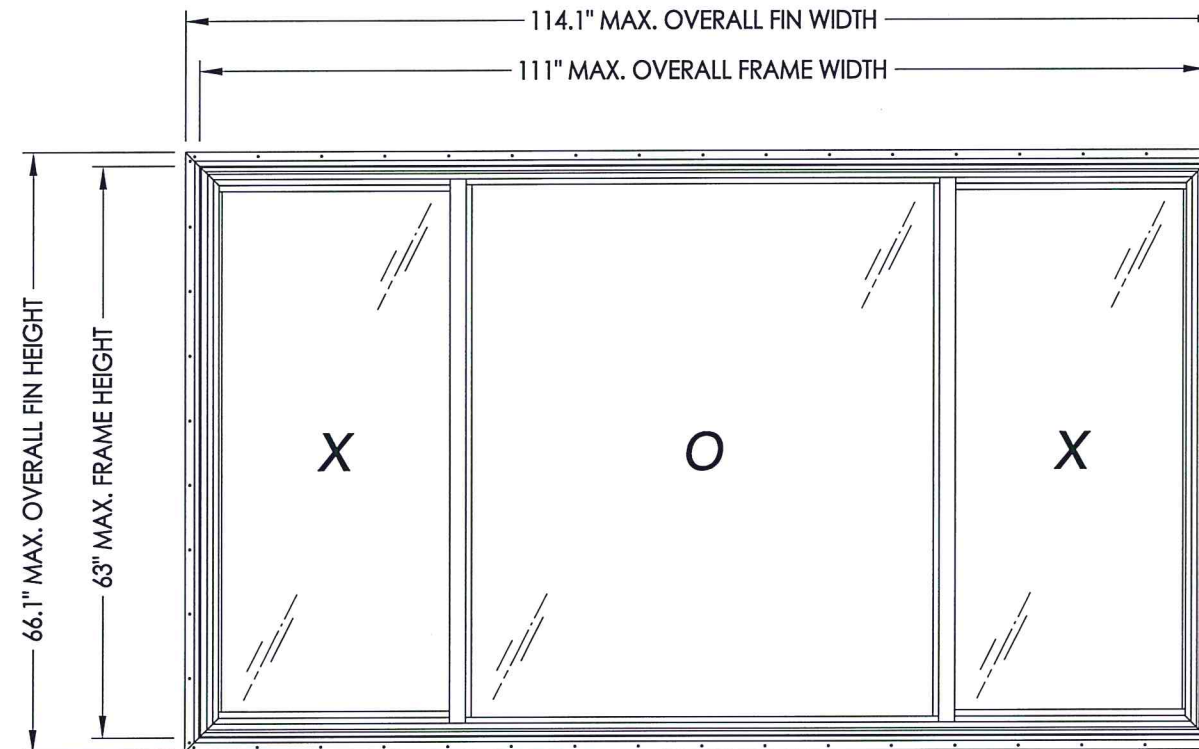


Series 9000 Model 9550-3
SLIDER XOX
IMPACT RATED - HVHZ
w/ Nailing Fin

GENERAL NOTES

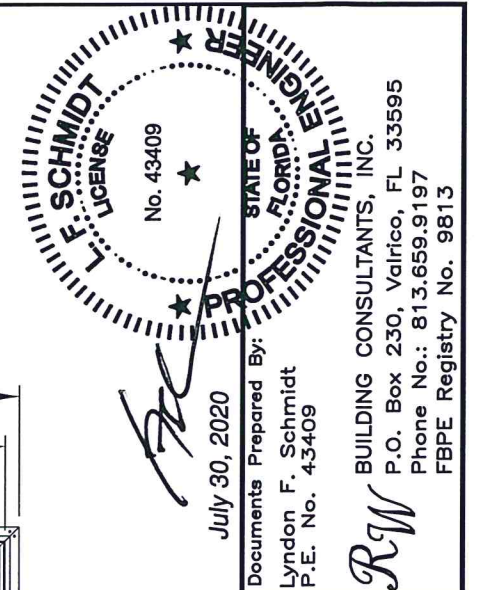
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC), including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ, this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. 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



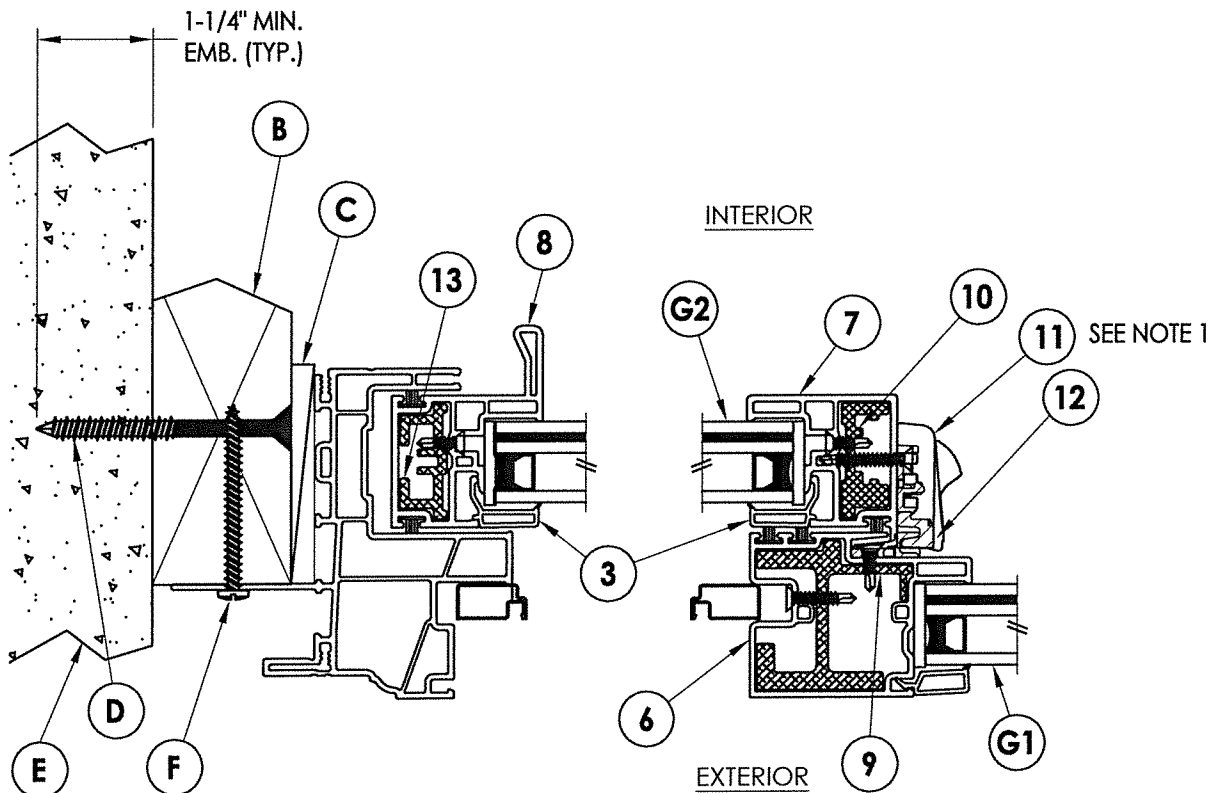
MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
114.1" X 66.1"	111.0" X 63.0"	25.0" X 57.25"	51.0" X 58.5"	G1 (Fixed) G2 (Operable)	+50.0	-55.0

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

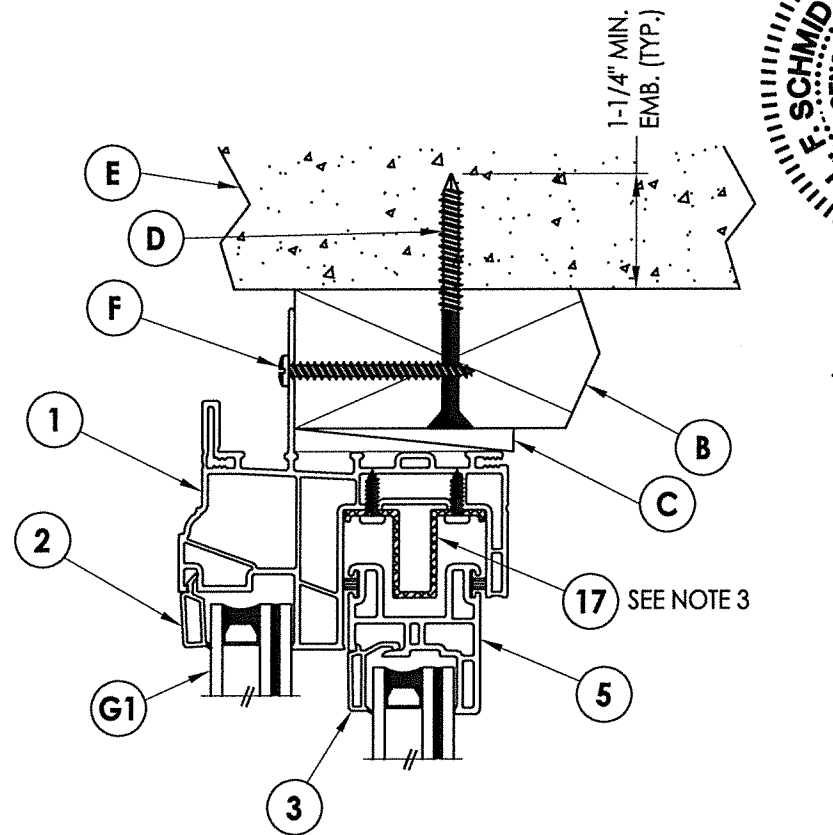
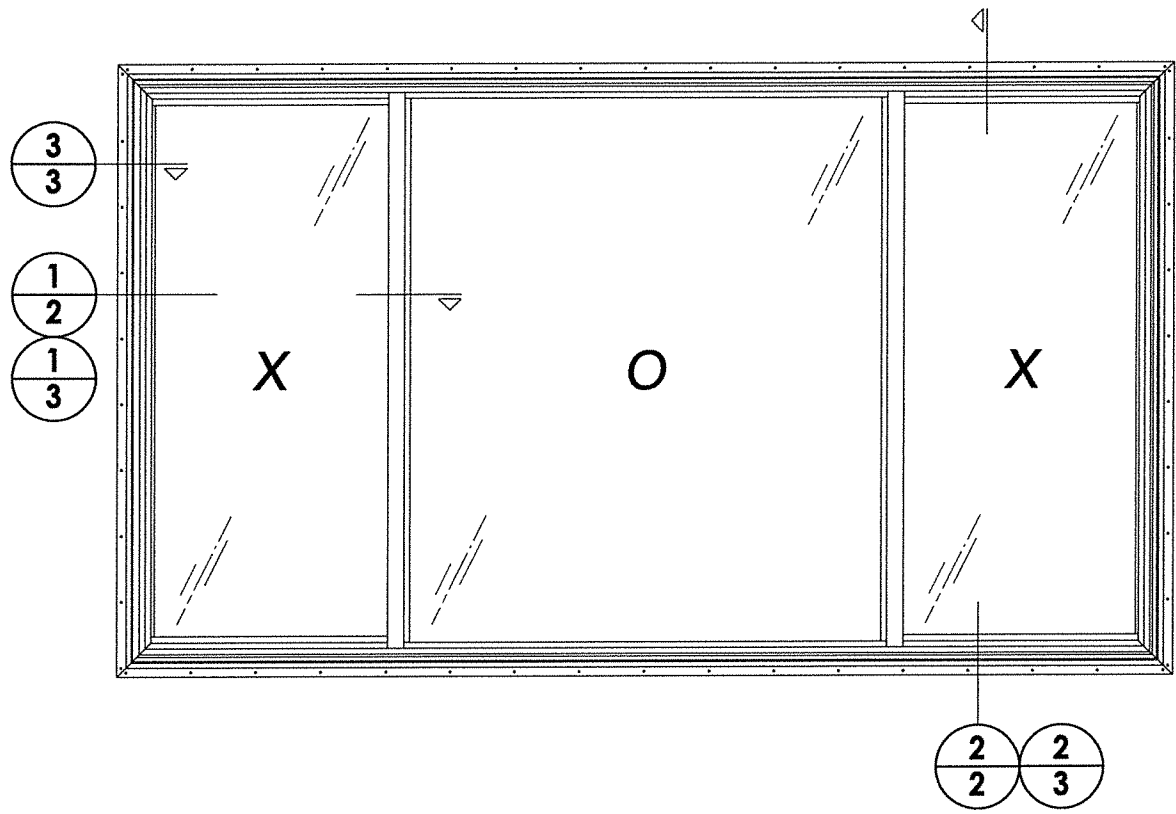
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- Note:
1. Lock and keeper located 7" from each end of lock/meeting stile.
 2. Metal roller assembly located 2" from each end of the bottom rail.
 3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.



1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction



2 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction

E. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

July 30, 2020

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

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

PRODUCT:		NewSouth	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
DATE:		9/24/14	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-16842.11	
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.

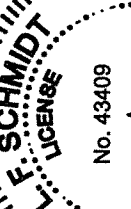
NOTE: Sheet Metal Screws must pass a min. of 3 threads through metal (maintain a min. 3/8" edge distance)

This diagram shows a cross-section of a door assembly. On the left, a door panel is shown with a vertical hinge edge. A screw, labeled 'K', is shown passing through the door panel into the internal mechanism. The door panel is labeled 'J'. The internal mechanism is shown in a cross-section, with various components labeled: 'C' points to the door frame or jamb; '1' points to the door handle or latch assembly; '13' points to the internal latch mechanism; '8' points to the door handle or knob; and '3' points to the door frame or jamb. The diagram illustrates the internal components and the path of the screw 'K' through the door panel and the internal mechanism.

Technical cross-section diagram of a window assembly. The diagram shows the exterior and interior components. Key parts are labeled with circled numbers and letters: 1, 2, 3, 5, 17, G, G1, and H. A note "SEE NOTE 3" is present. The diagram is divided into "EXTERIOR" and "INTERIOR" sections.

The diagram illustrates the internal components of a window frame assembly. On the left, a partial view shows the frame's connection to a wall, with callouts G and H. The main section shows a cross-section of the frame with callouts C, 13, 8, and 3. To the right, two detailed cross-sections are shown, labeled 'INTERIOR' (top) and 'EXTERIOR' (bottom). The 'INTERIOR' view includes callouts G2, 7, 10, 11, and 12. The 'EXTERIOR' view includes callouts 6, 9, and G1. A reference to 'SEE NOTE 1' is located near the top right of the diagram.

1 HORIZONTAL CROSS SECTION


Documents Prepared By: John F. Schmidt
No. 43409

July 30, 2020

 BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

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

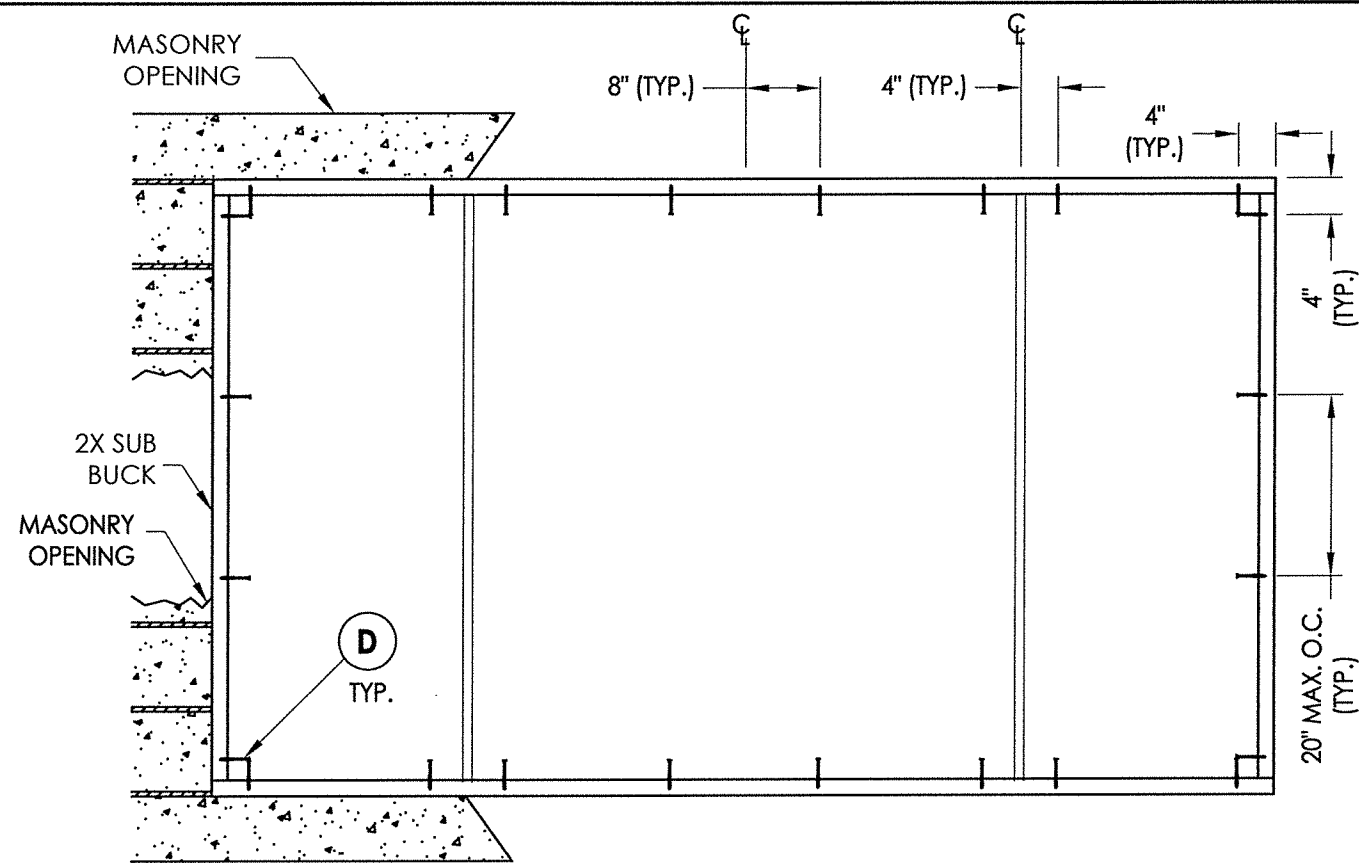
OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

4	7/30/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC
3	9/22/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
2	12/17/15	REVISE MODEL NAME			JK
1	6/25/15	UPDATE TO 5TH ED.	(2014)	FBC	LFS
NO.	DATE				
					REVISIONS

FL-16842.11

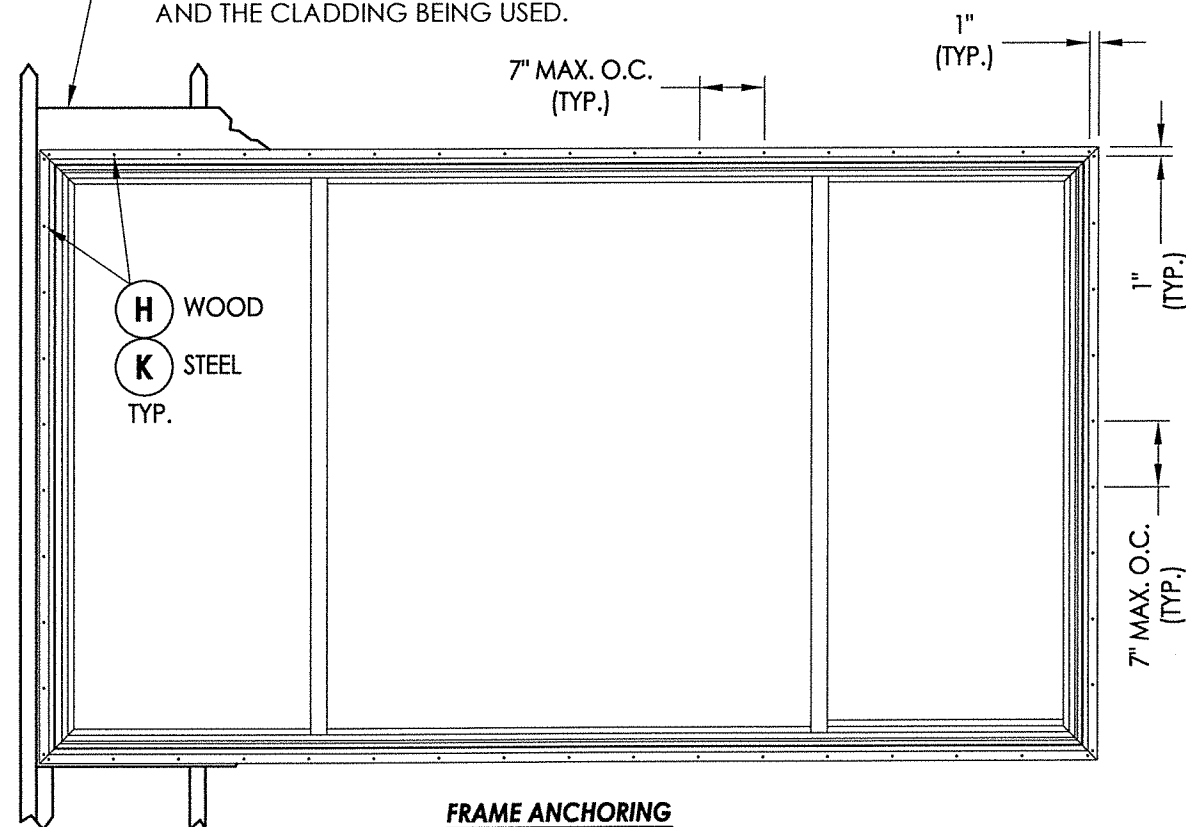
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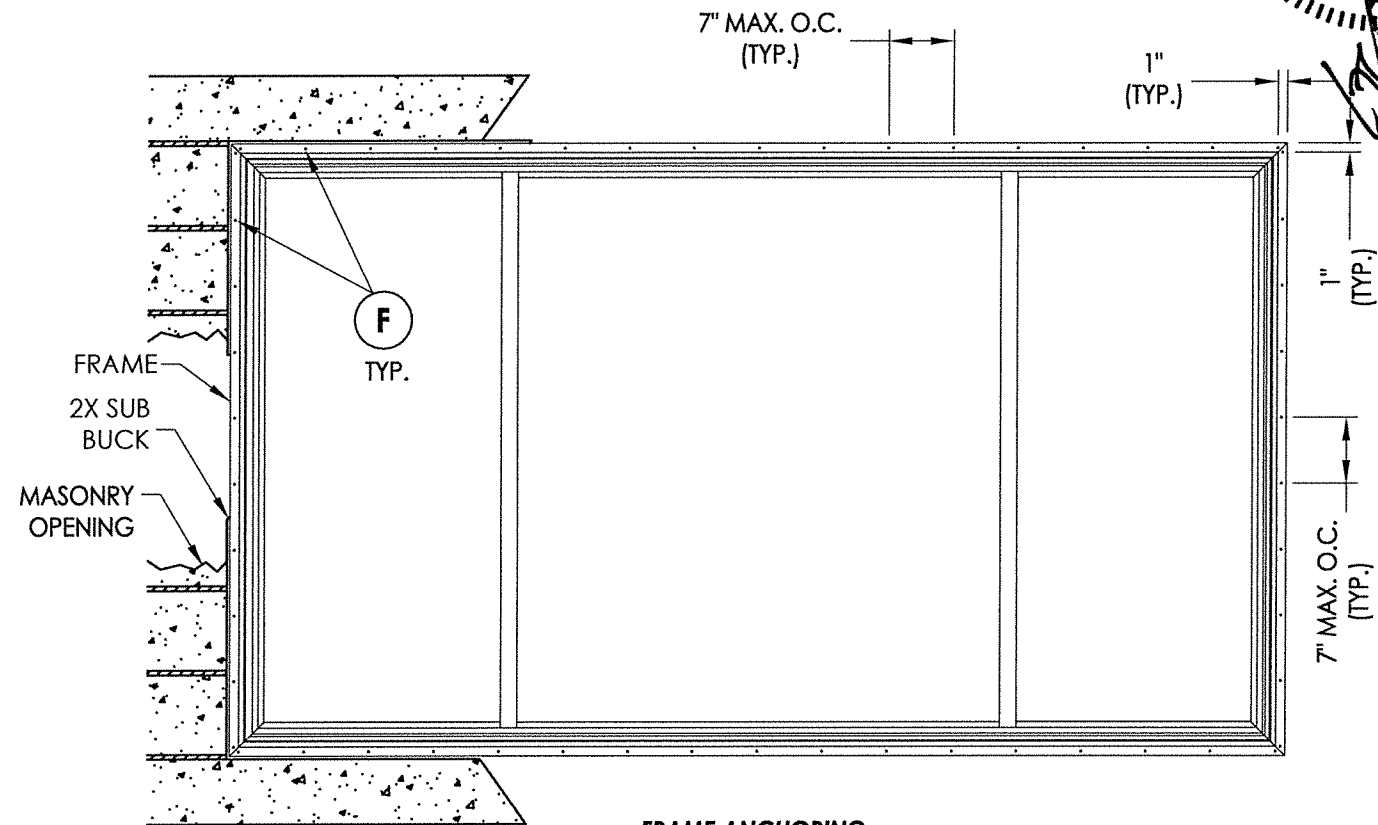


BUCK ANCHORING

2X/STEEL STUD FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.



FRAME ANCHORING Stud Construction



FRAME ANCHORING 2X Buck Masonry Construction

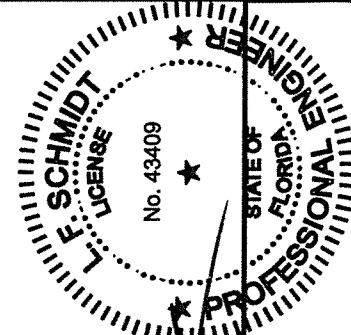
CONCRETE ANCHOR NOTES:

- 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.



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Lyndon F. Schmidt
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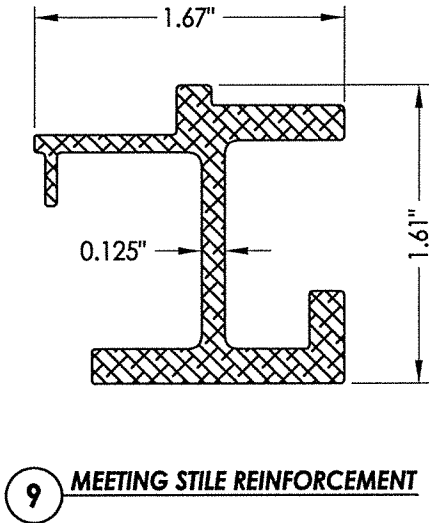
PRODUCT: NewSouth

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

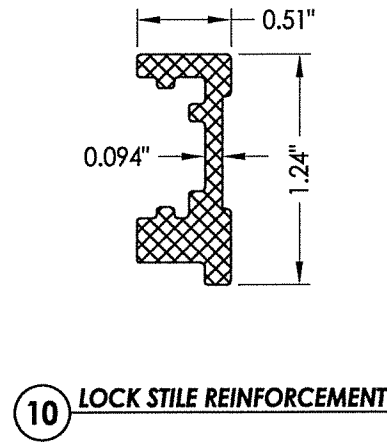
NO.	DATE	REVISIONS
4	7/30/20	UPDATE TO 7TH ED. (2020) FBC
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC
2	12/17/15	REVISE MODEL NAME
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 9/24/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16842.11
SHEET 4 OF 6

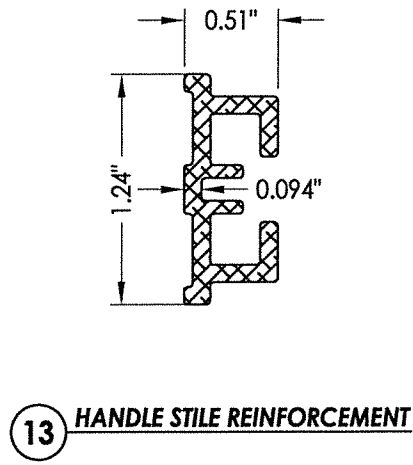
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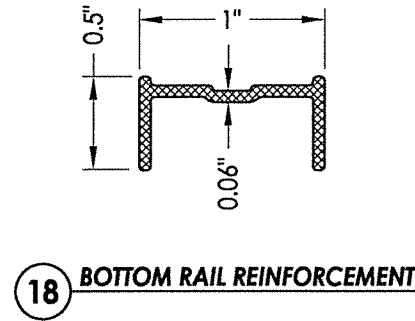
9 MEETING STILE REINFORCEMENT



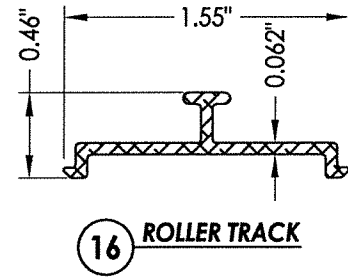
10 LOCK STILE REINFORCEMENT



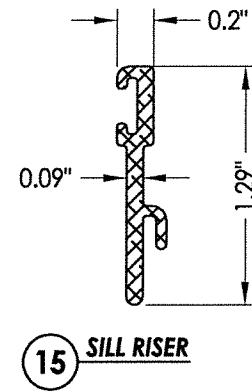
13 HANDLE STILE REINFORCEMENT



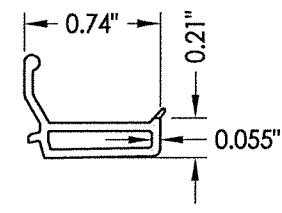
18 BOTTOM RAIL REINFORCEMENT



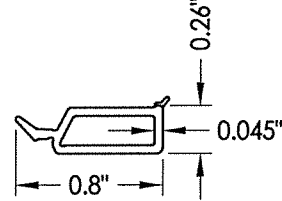
16 ROLLER TRACK



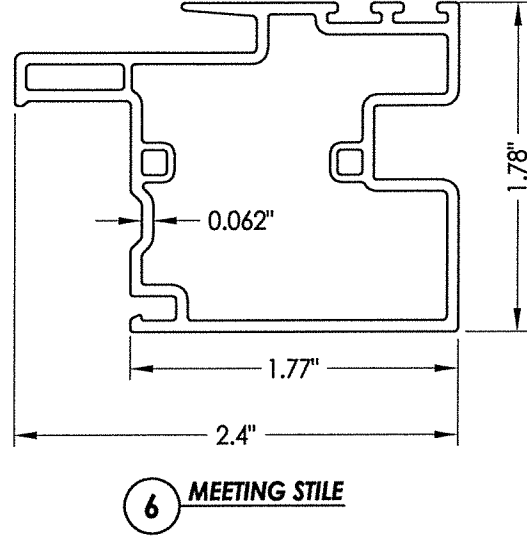
15 SILL RISER



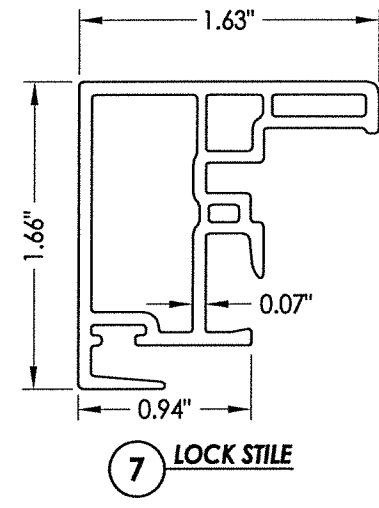
3 GLAZING BEAD



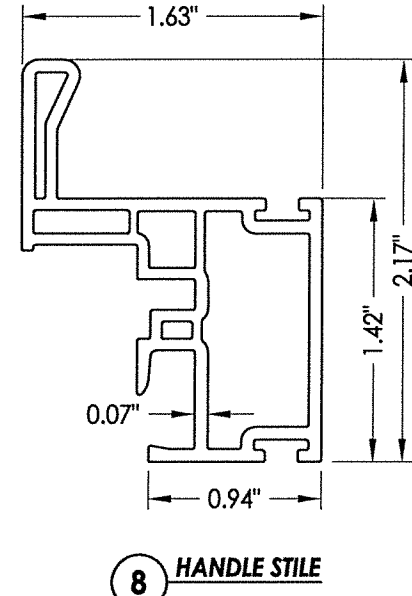
2 GLAZING BEAD



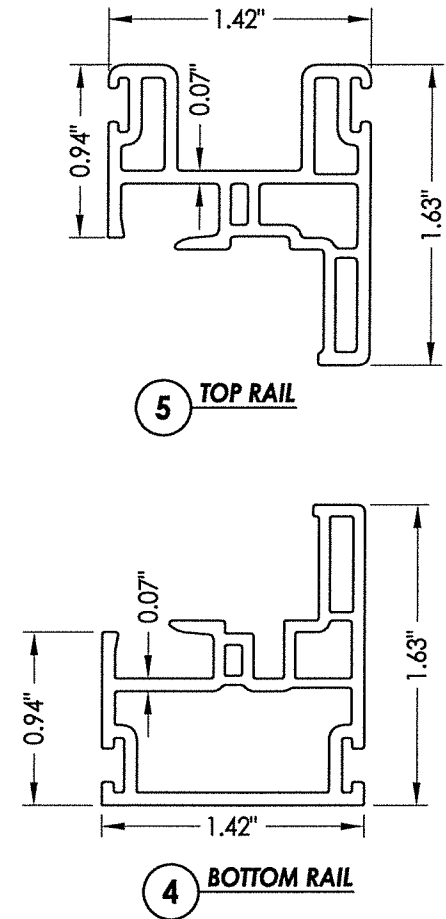
6 MEETING STILE



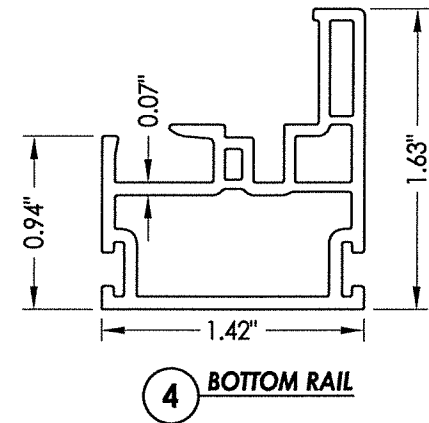
7 LOCK STILE



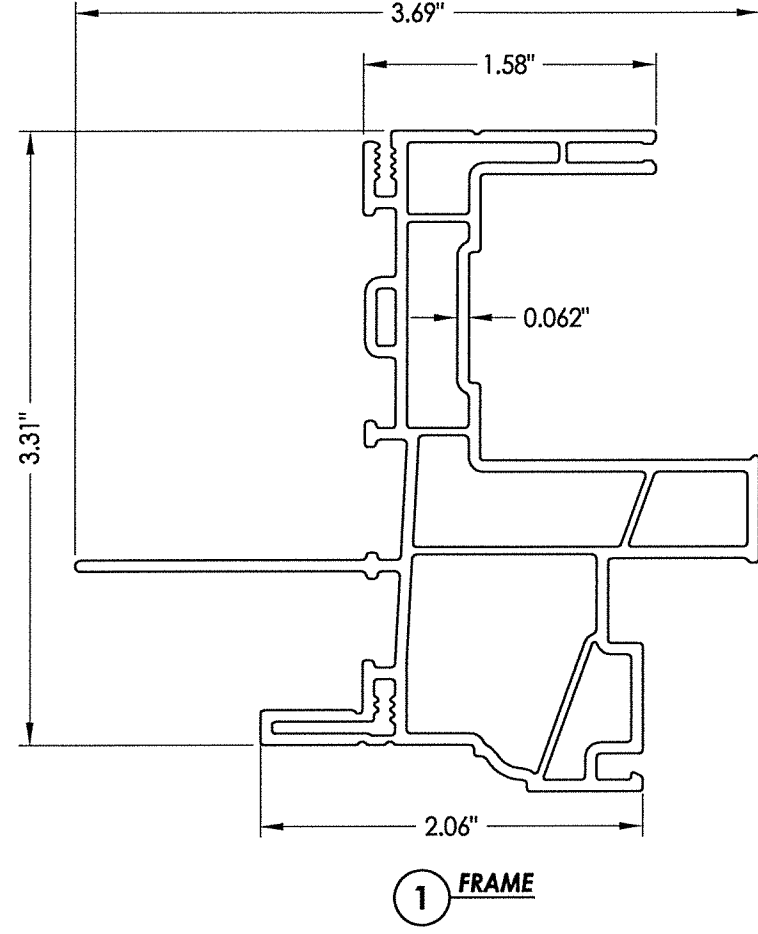
8 HANDLE STILE



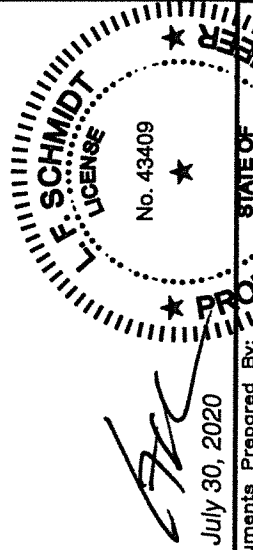
5 TOP RAIL



4 BOTTOM RAIL



1 FRAME



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

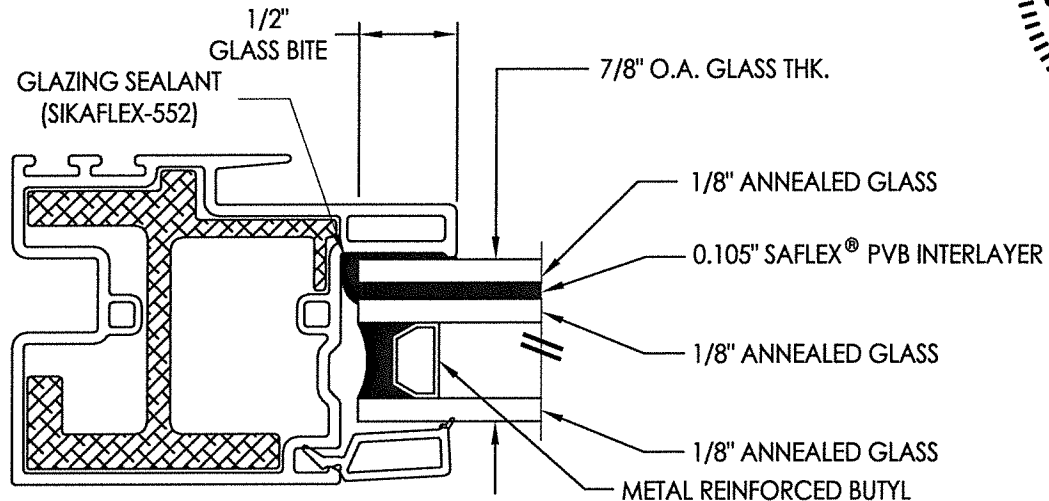
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NO.	DATE	REVISIONS	BY	DATE	REVISIONS	BY	DATE
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2	12/17/15	REVISE MODEL NAME	JK				
1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC	LFS			

DATE: 9/24/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16842.11
SHEET 5 OF 6

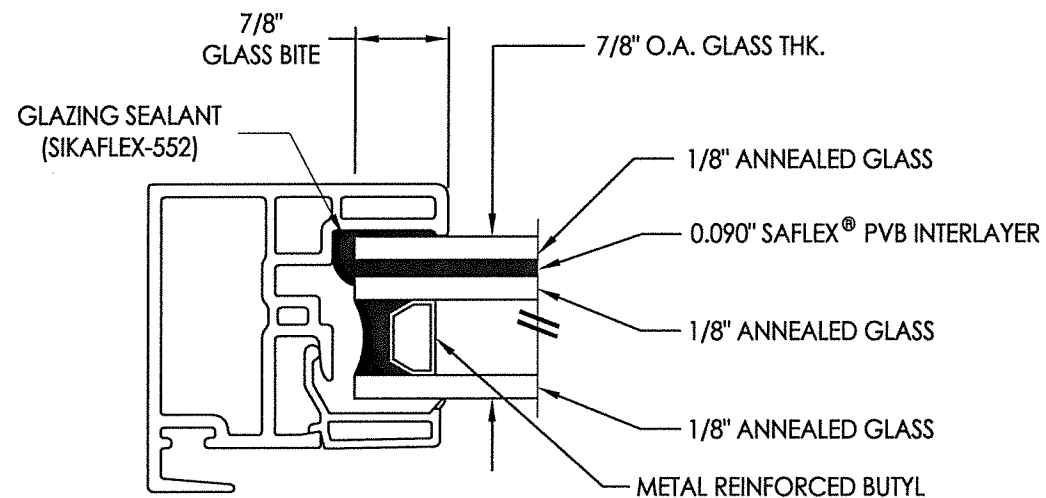
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.55)	WOOD
H	#10 X 2-1/2" PPH SMS (1-3/4" 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
1	EXTRUDED VINYL FRAME (437)*	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 EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL
Fixed Lite

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



G2 **GLAZING DETAIL**
Operable Lite

