



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

GENERAL NOTES

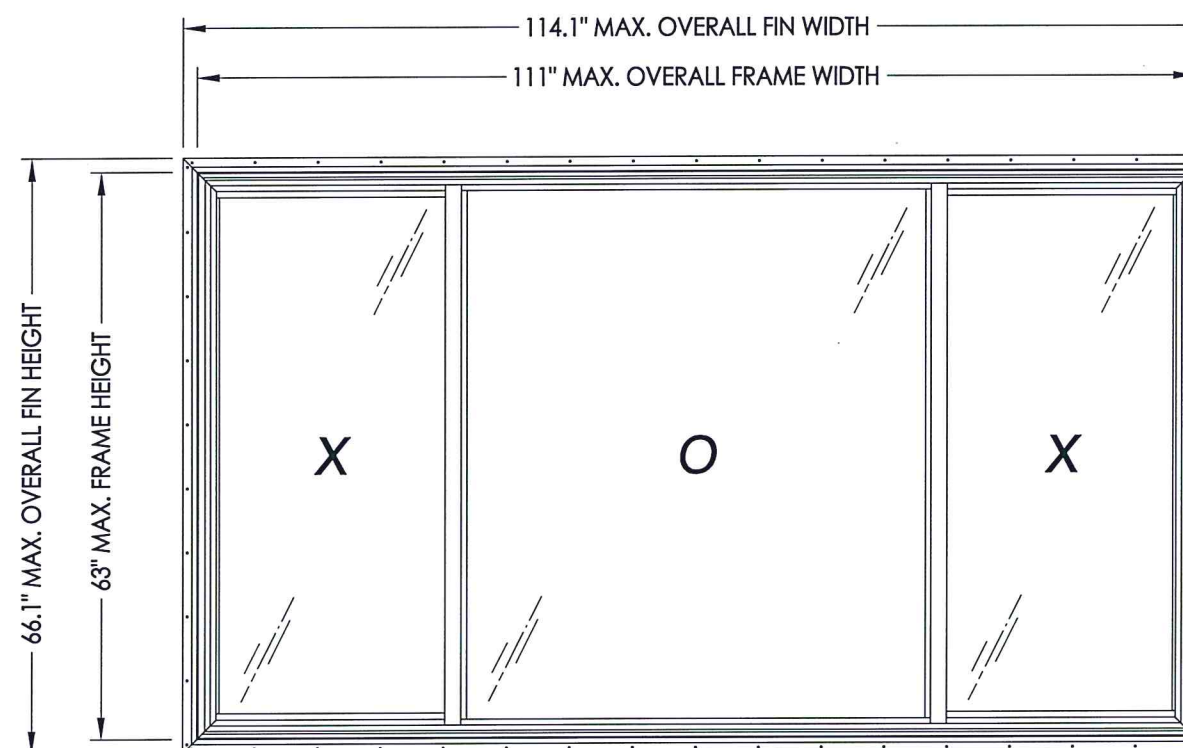
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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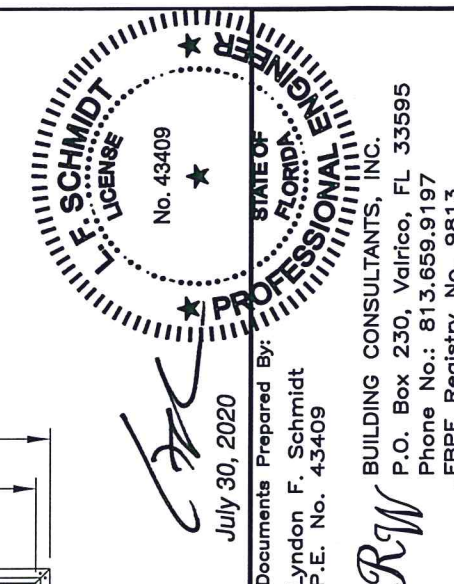
- When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.

4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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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.
114.0" X 66.0"	111.0" X 63.0"	25.0" X 57.25"	51.0" X 58.5"	G1	+45.0	-45.0



DATE: 2/17/14		PRODUCT:		NewSouth	
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-16842.7					
SHEET 1 OF 6		3	7/30/20	UPDATE TO 7TH ED. (2020)	FBC DAC
		2	9/22/17	UPDATE TO 6TH ED. (2017)	FBC JK
		1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC LFS
		NO.	DATE	BY	
		REVISIONS			
		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			

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.

Technical drawing of a window frame assembly showing cross-sections of the interior and exterior views.

INTERIOR

SEE NOTE 1

EXTERIOR

Callouts for the interior view (left): G, C, 13, 8, H.

Callouts for the exterior view (right): G1, 7, 10, 11, 12, 6, 9, 3.

1
2
3
5
G1
17
C
H
G

SEE NOTE 3

EXTERIOR INTERIOR

A detailed technical cross-section diagram of a window assembly. The diagram illustrates the internal structure of the window frame and the glazing unit. Key components are labeled with circled numbers and letters:

- 1**: Points to the main frame profile.
- 2**: Points to a secondary profile or sealant.
- 3**: Points to the glazing unit (glass).
- 4**: Points to the top of the glazing unit.
- 15**: Points to a sealant or gasket.
- 18**: Points to a component of the drainage system.
- 14**: Points to a component of the drainage system, with the text "SEE NOTE 2" next to it.
- 16**: Points to a component of the drainage system.
- C**: Points to the bottom of the window frame.
- G**: Points to the exterior wall or structure.
- H**: Points to a screw or fastener securing the window frame to the wall.

The diagram shows the window frame installed in a wall, with a drainage channel at the bottom. The glazing unit is held in place by a sealant and a gasket. The drainage system is designed to collect and remove any water that enters the frame.


No. 43409
JULY 30, 2020
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FBPE Registry No. 9813

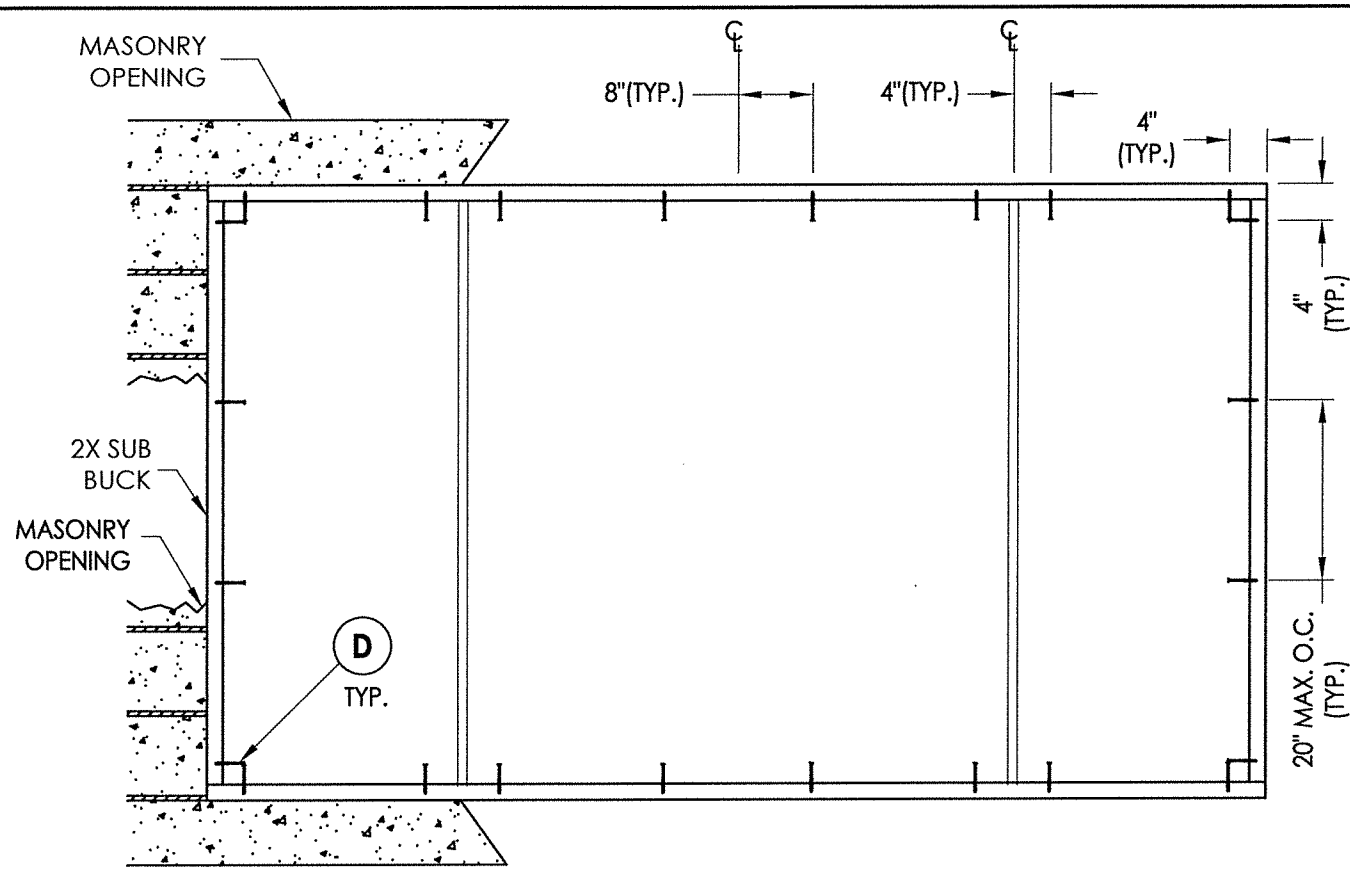

PRODUCT: NewSouth

OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

3	7/30/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC		
2	9/22/17	UPDATE TO 6TH ED.	(2017)	FBC	JK		
1	6/25/15	UPDATE TO 5TH ED.	(2014)	FBC	LFS		
NO.	DATE				BY		
						REVISIONS	
DATE: 2/17/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-16842.7							
SHEET 3 OF 6							

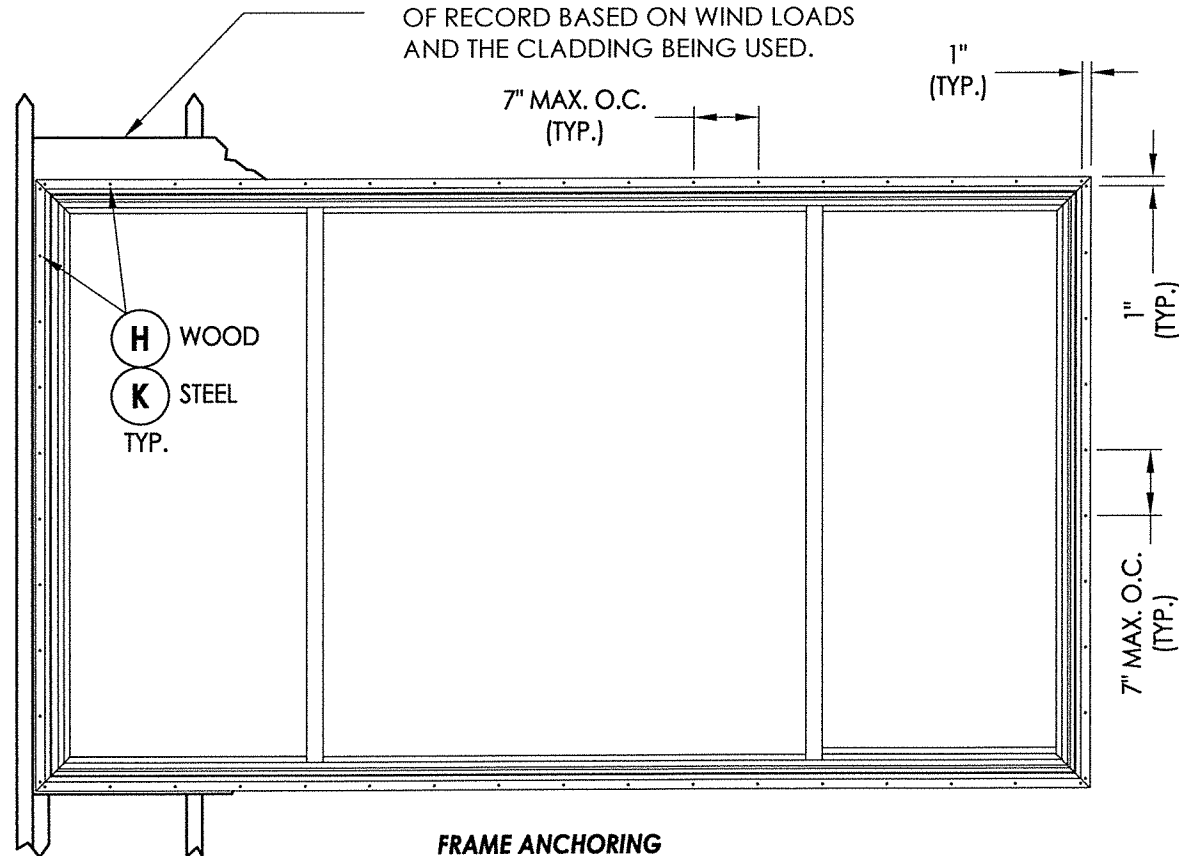
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\\dc01\wbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-16842 Horizontal Slides\FL-16842 (2020) R5\FL-16842.7.dwg

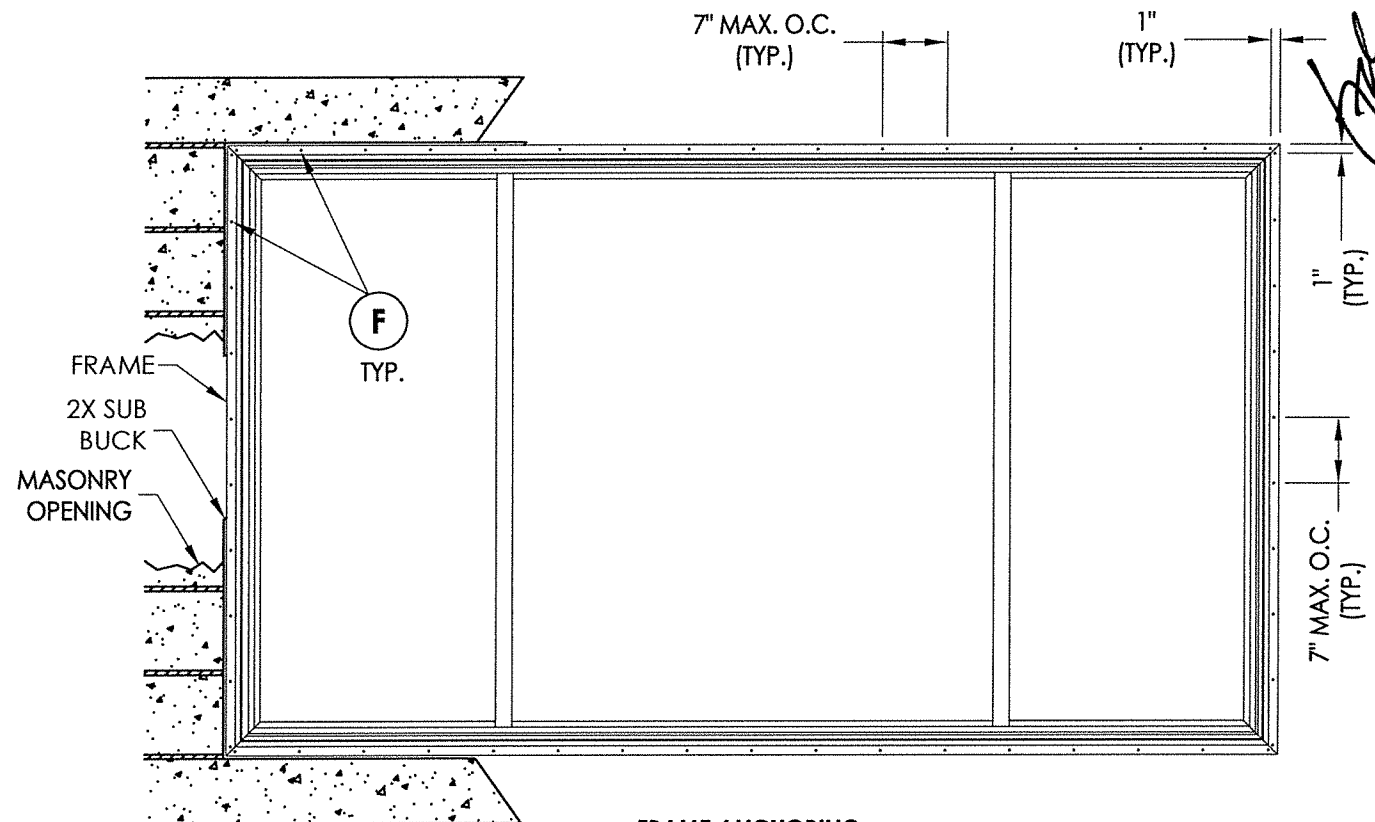


BUCK ANCHORING

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

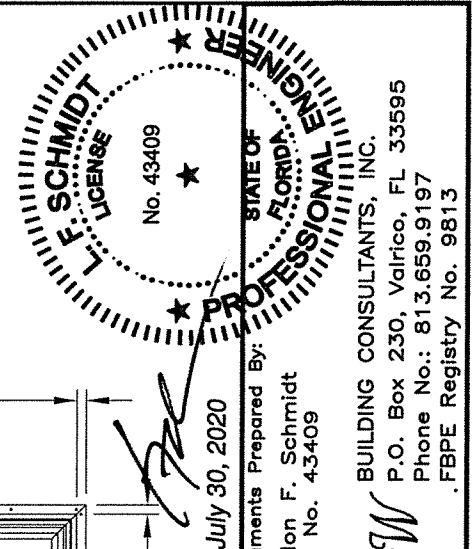
CONCRETE ANCHOR NOTES:

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.



July 30, 2020

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PRODUCT: NewSouth

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

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

DATE: 2/17/14

SCALE: N.T.S.

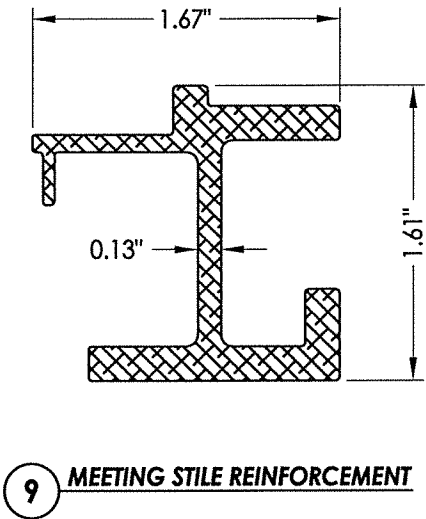
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CHK. BY: LFS

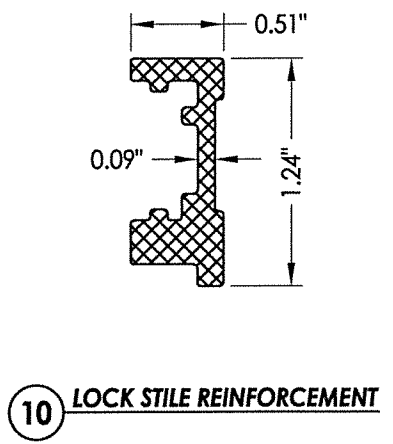
DRAWING NO.: FL-16842.7

SHEET 4 OF 6

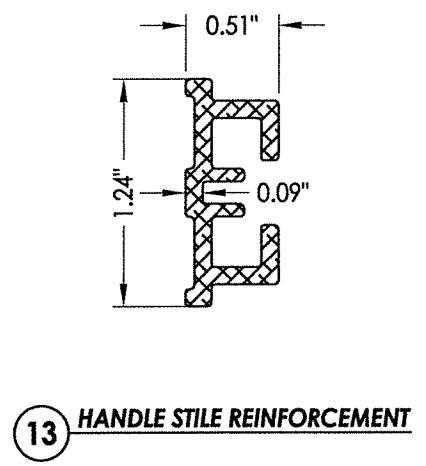
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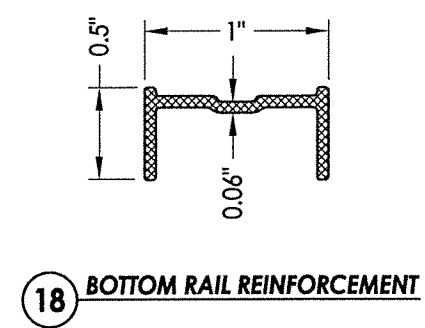
9 MEETING STILE REINFORCEMENT



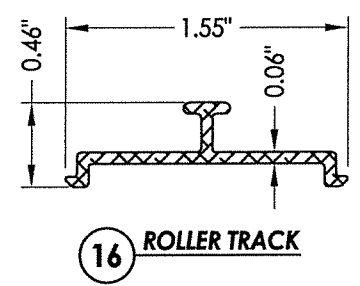
10 LOCK STILE REINFORCEMENT



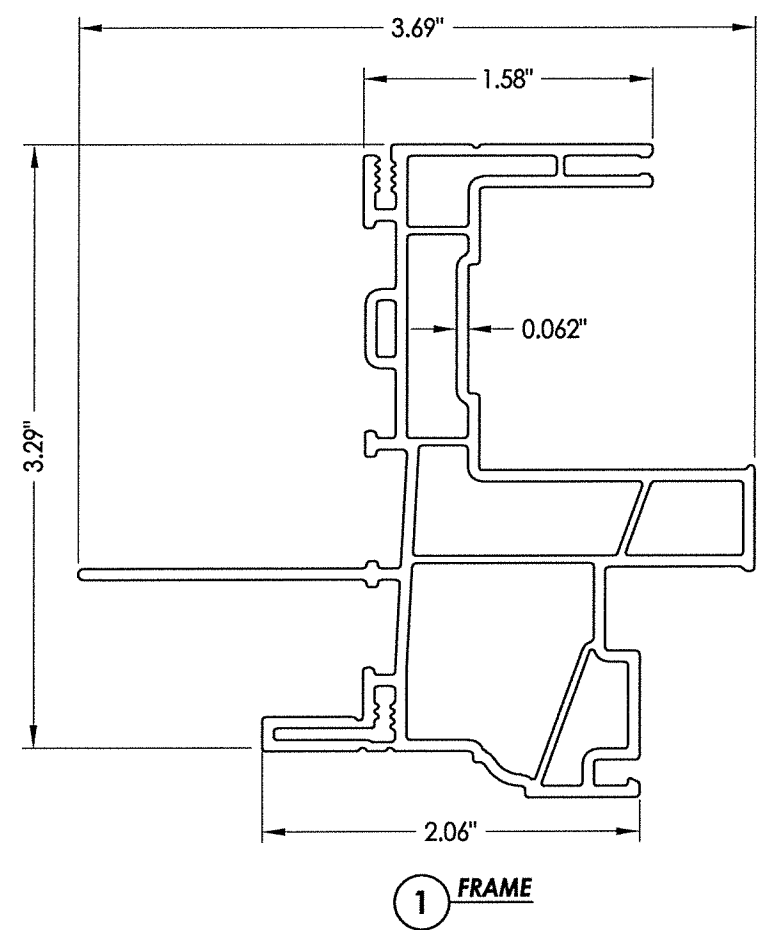
13 HANDLE STILE REINFORCEMENT



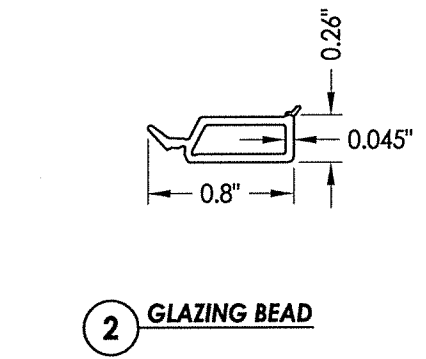
18 BOTTOM RAIL REINFORCEMENT



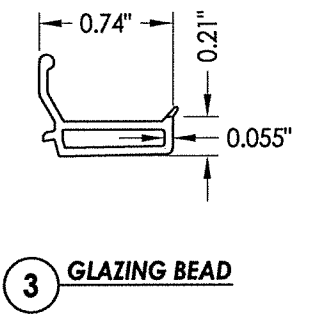
16 ROLLER TRACK



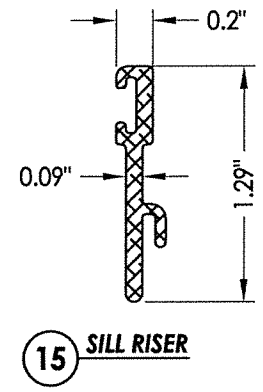
1 FRAME



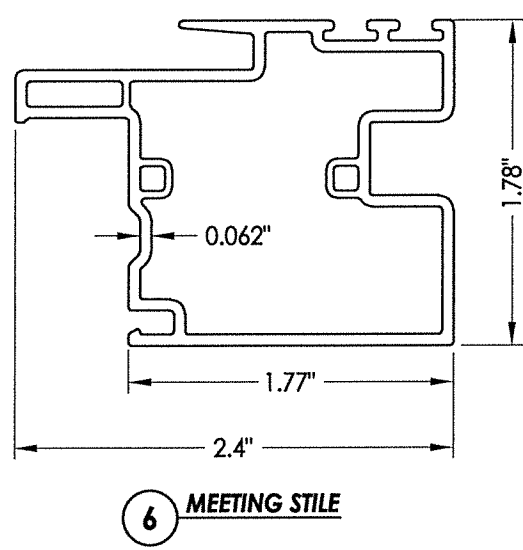
2 GLAZING BEAD



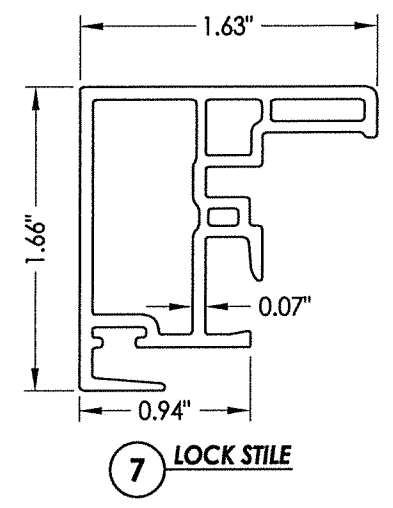
3 GLAZING BEAD



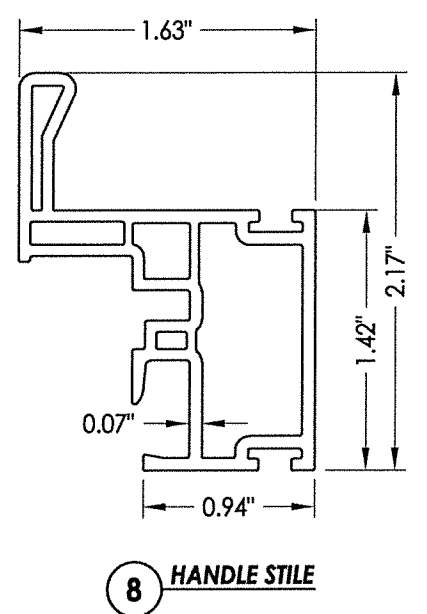
15 SILL RISER



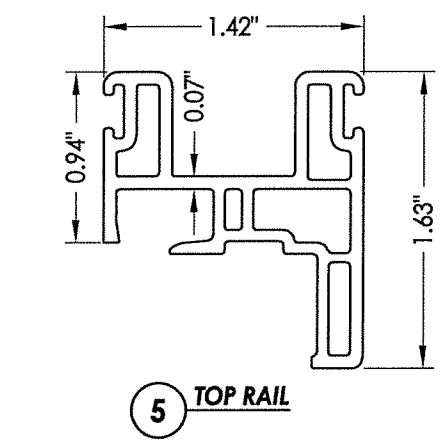
6 MEETING STILE



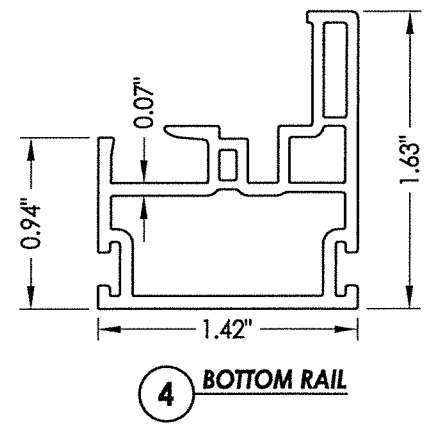
7 LOCK STILE



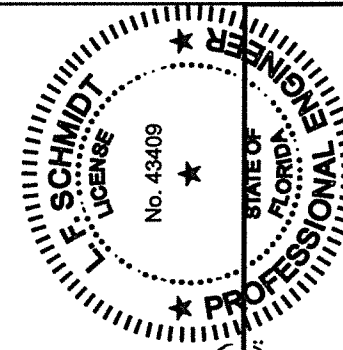
8 HANDLE STILE



5 TOP RAIL



4 BOTTOM RAIL

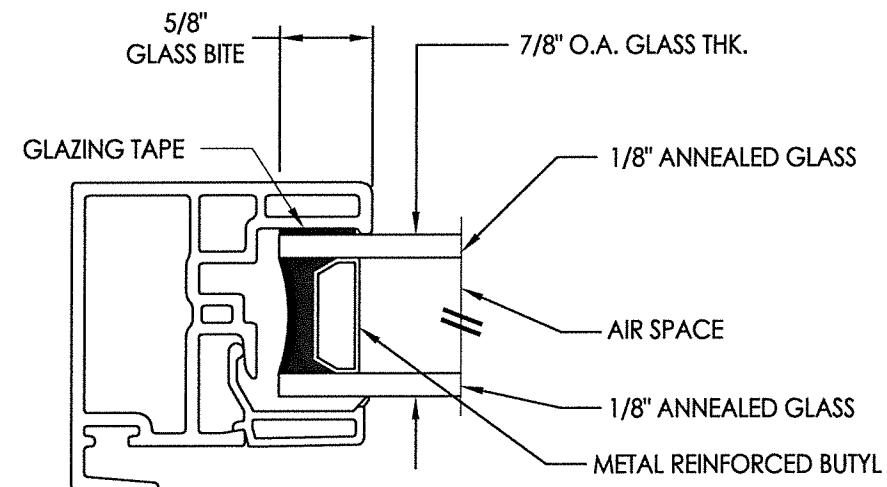


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PART OR ASSEMBLY:		COMPONENTS	
NO.	DATE	REVISIONS	BY
3	7/30/20	UPDATE TO 7TH ED. (2020)	FBC DAC
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DATE: 2/17/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16842.7			
SHEET 5 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 (1-3/4" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.42)	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 EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL

