

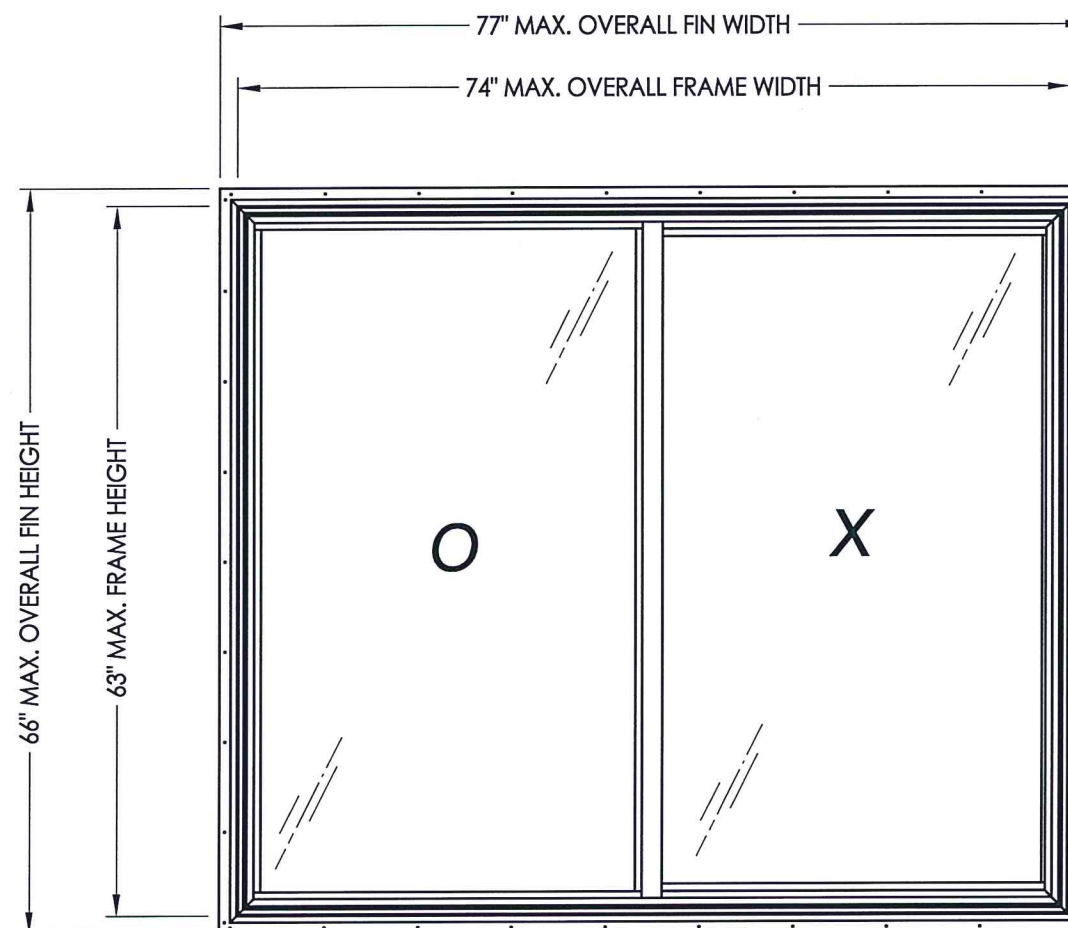


Series 9000 Model 9550
SLIDER XO
IMPACT RATED
w/ Nailing Fin

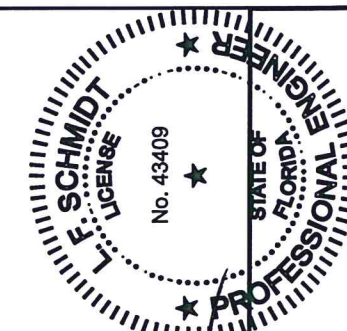
GENERAL NOTES

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 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.
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.
77.0" X 66.0"	74.0" X 63.0"	33.5" X 57.31"	33.25" X 58.56"	G1	+50.0	-60.0

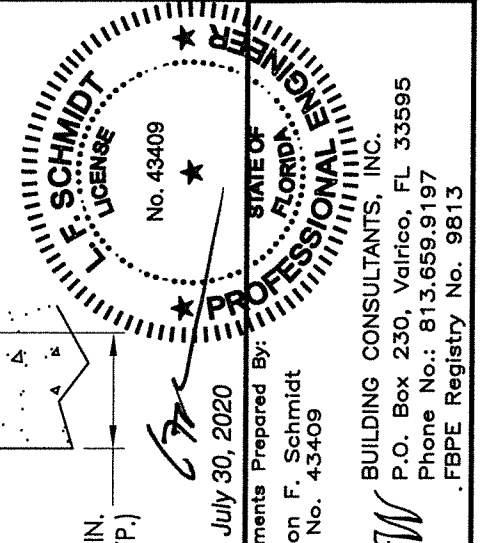
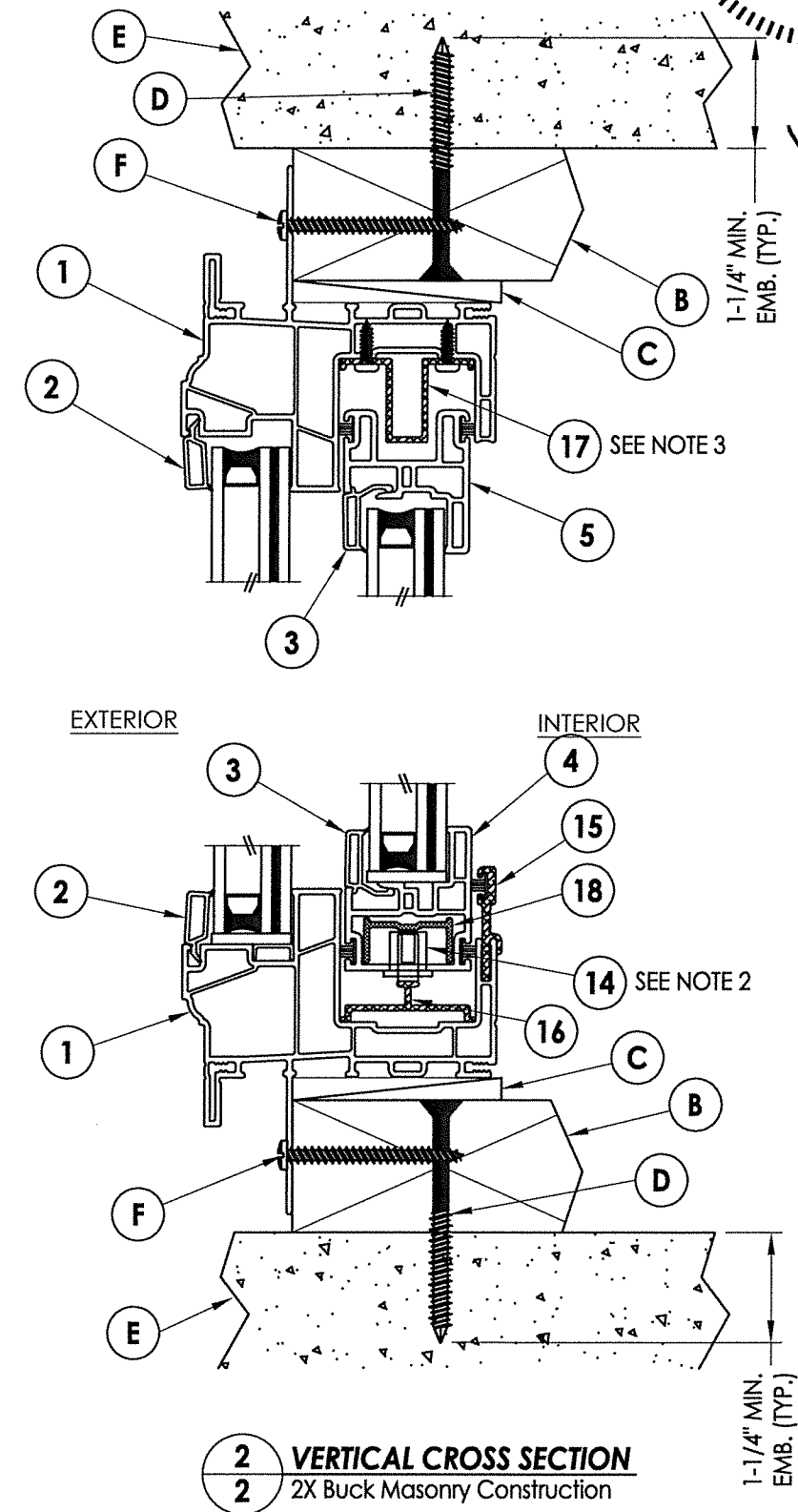
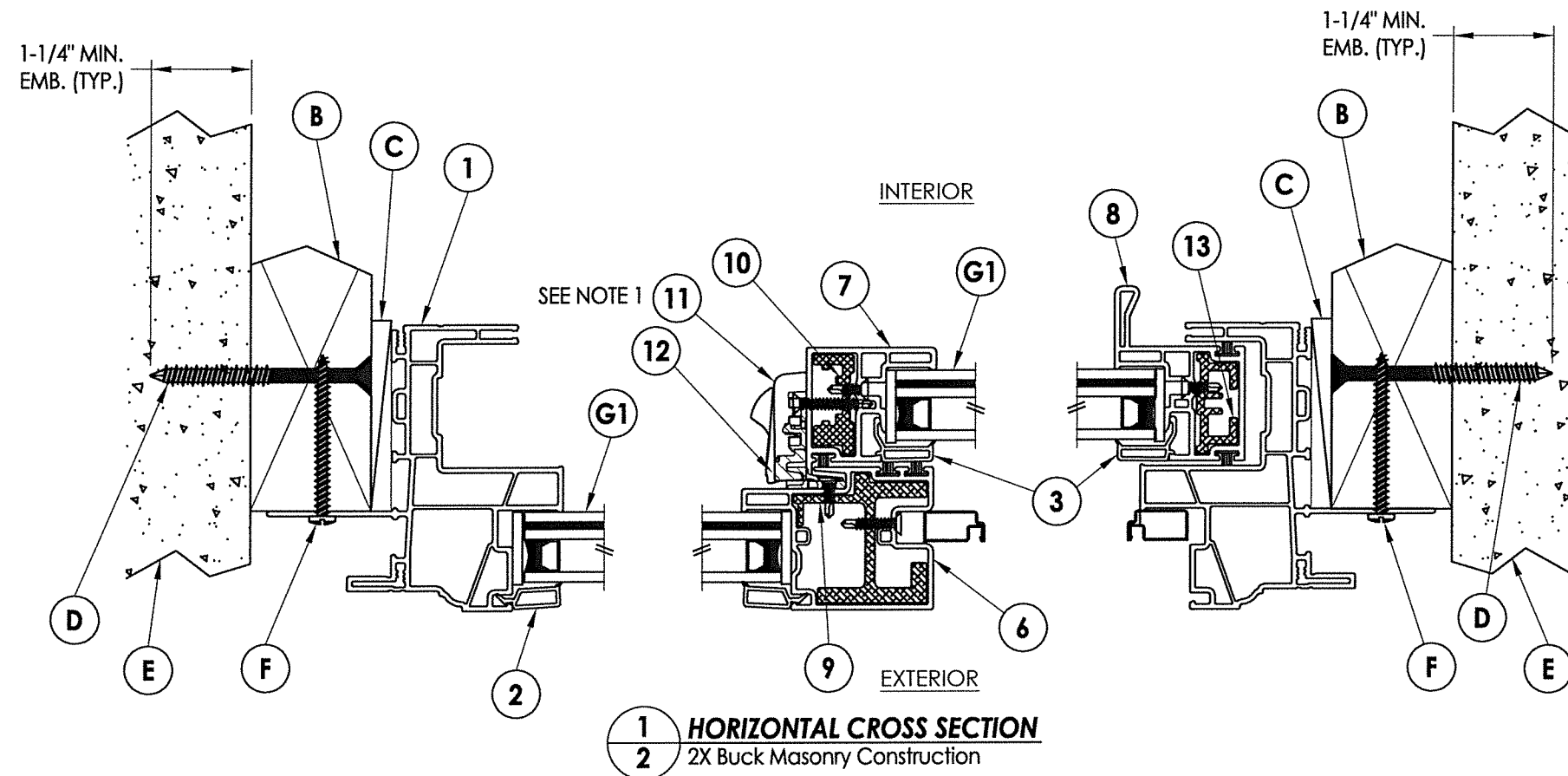


July 30, 2020

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

DATE: 2/17/14		PRODUCT:		NewSouth	
SCALE: N.T.S.					
DWG. BY: JK		7/30/20		UPDATE TO 7TH ED. (2020) FBC	
CHK. BY: LFS		9/22/17		UPDATE TO 6TH ED. (2017) FBC	
DRAWING NO.: FL-16842.3		12/17/15		REVISE MODEL NAME	
SHEET 1 OF 6		6/25/15		UPDATE TO 5TH ED. (2014) FBC	
		NO. DATE		BY	
				REVISIONS	
				PART OR ASSEMBLY:	
				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.



July 30, 2020

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RW BUILDING CORP.
P.O. Box 23
Phone No.:
FBPE Registr

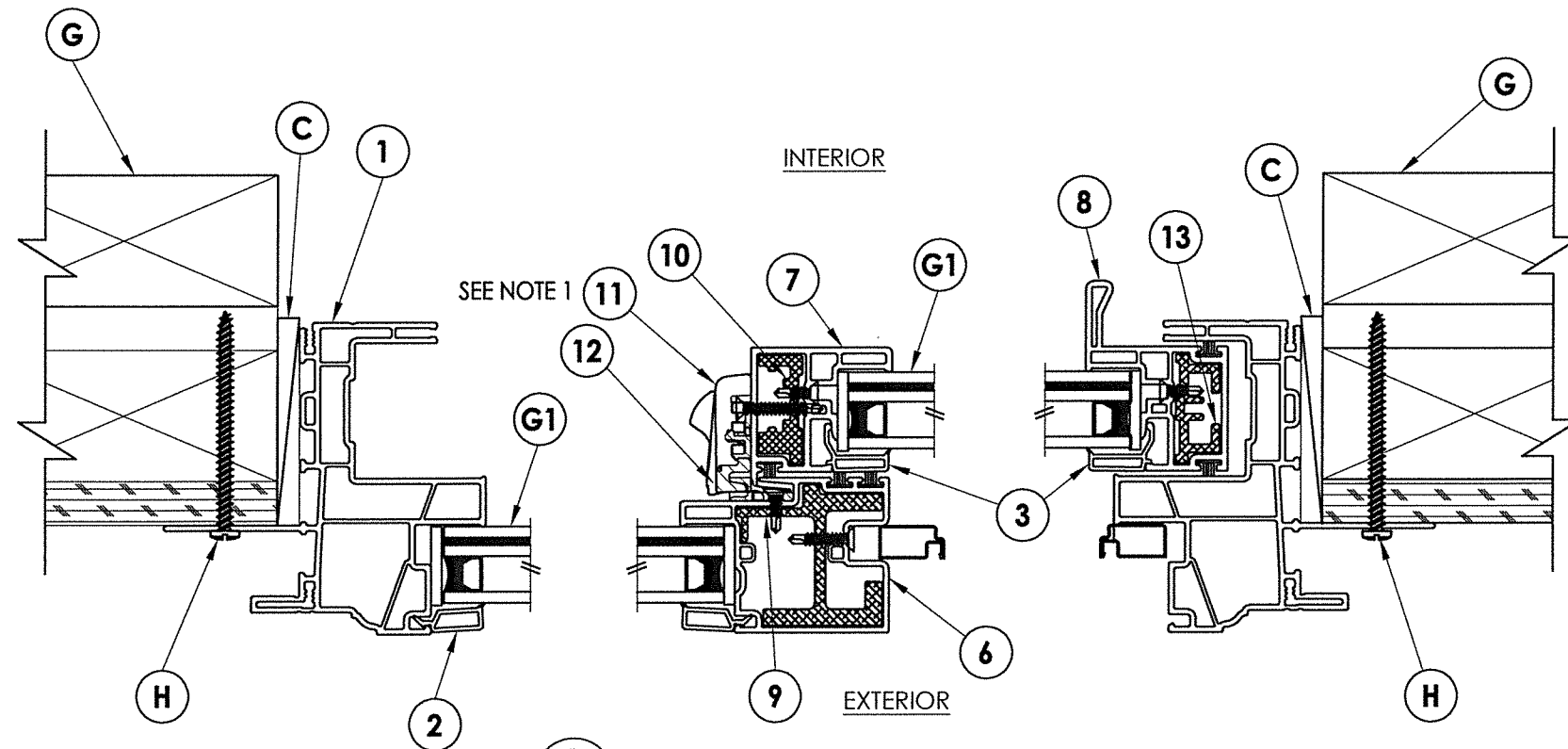
PRODUCT:	NewSouth
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS

[illegible]

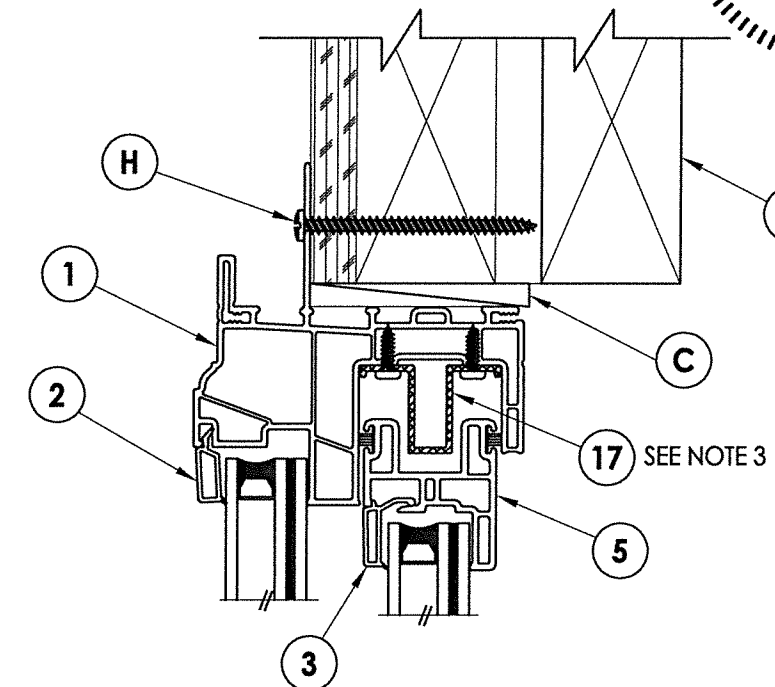
1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.

NOTE: Sheet Metal Screws must have a min. of 3 threads through m... (maintain a min. 3/8" edge dis...

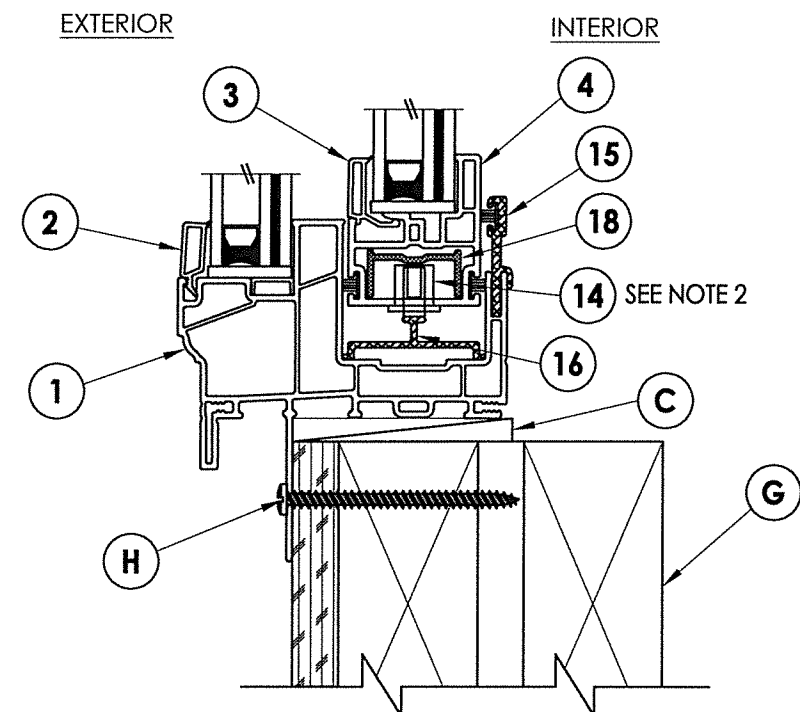
3 HORIZONTAL CROSS SECTION
3 Shown w/ Steel Stud Framing Option



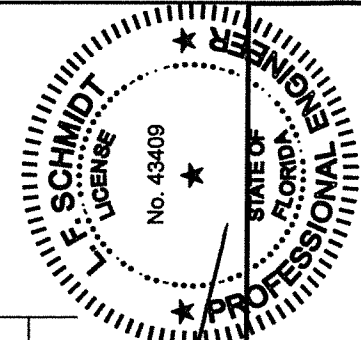
1 **HORIZONTAL CROSS SECTION** 3 2X Stud Construction



2 VERTICAL CROSS SECTION
3 2X Stud Construction



2 VERTICAL CROSS SECTION
3 2X Stud Construction



Documents Prepared By:
Lyndon F. Schmidt
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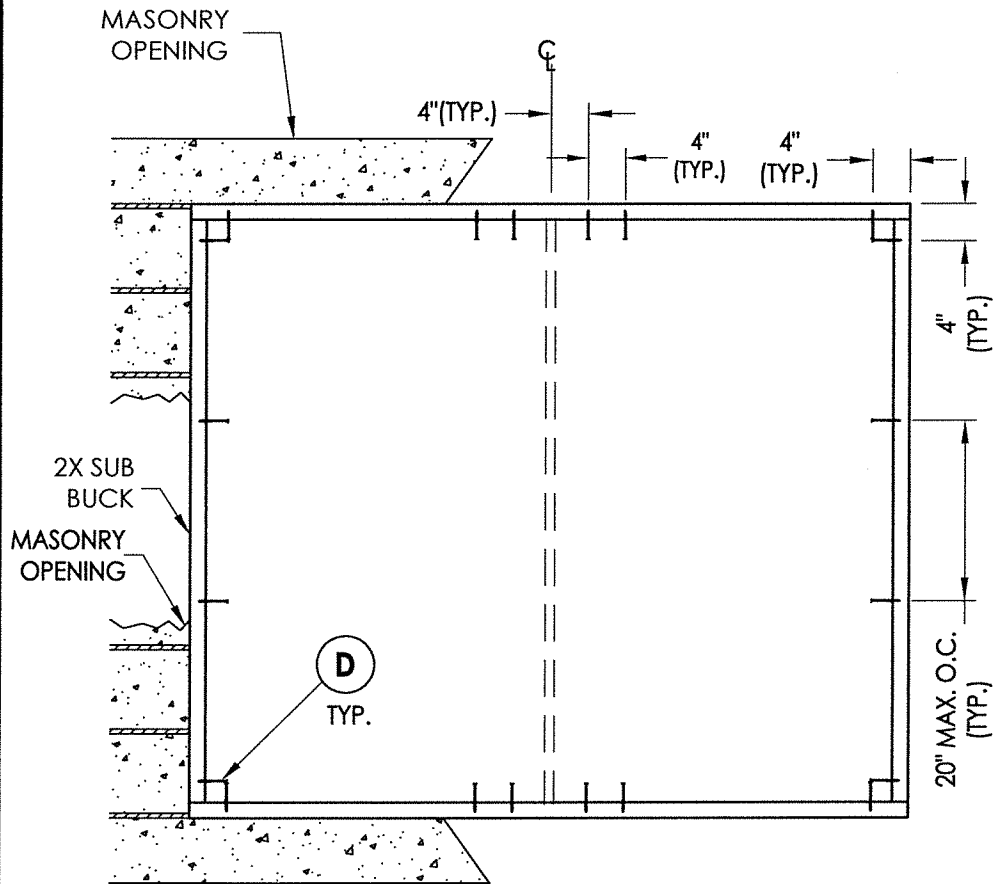
... BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
... FBPE Registry No. 9813

PRODUCT: NewSouth

OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

DATE:	2/17/14				
SCALE:	N.T.S.				
DWG. BY:	JK				
CHK. BY:	LFS				
DRAWING NO.:	FL-16842.3				
SHEET	3	OF	6		

R:\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-16842 (2020) R5\FL-16842.2-3.dwg, 4.3



BUCK ANCHORING

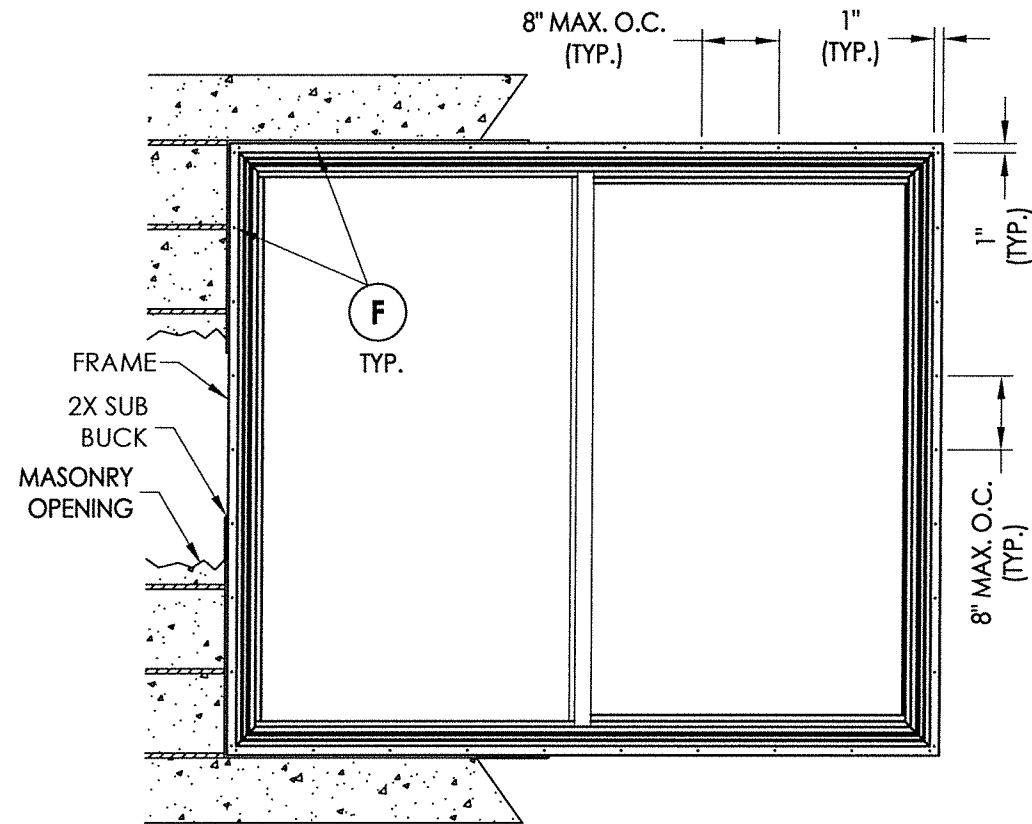
CONCRETE ANCHOR NOTES:

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"

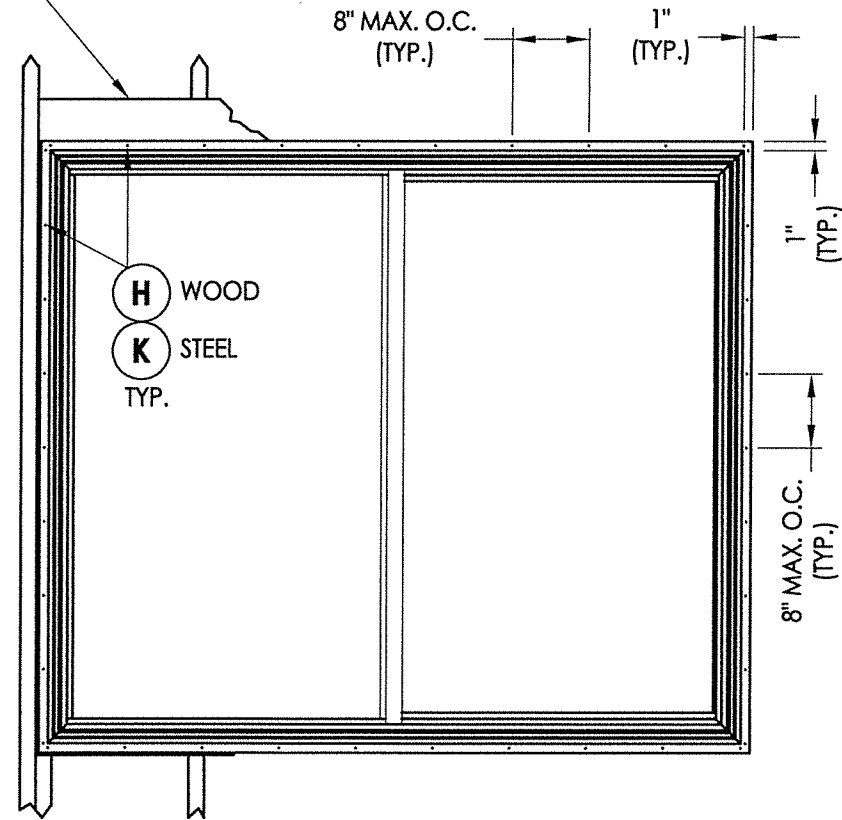
WOOD SCREW INSTALLATION NOTES:

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

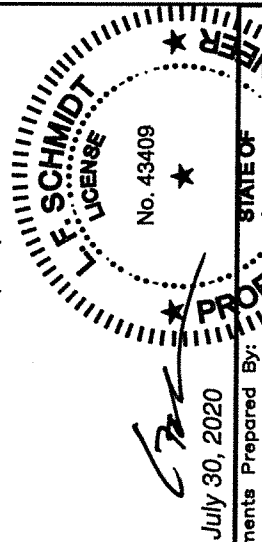


FRAME ANCHORING
2X Buck Masonry Construction

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



July 30, 2020

Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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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 JK
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

DATE: 2/17/14

SCALE: N.T.S.

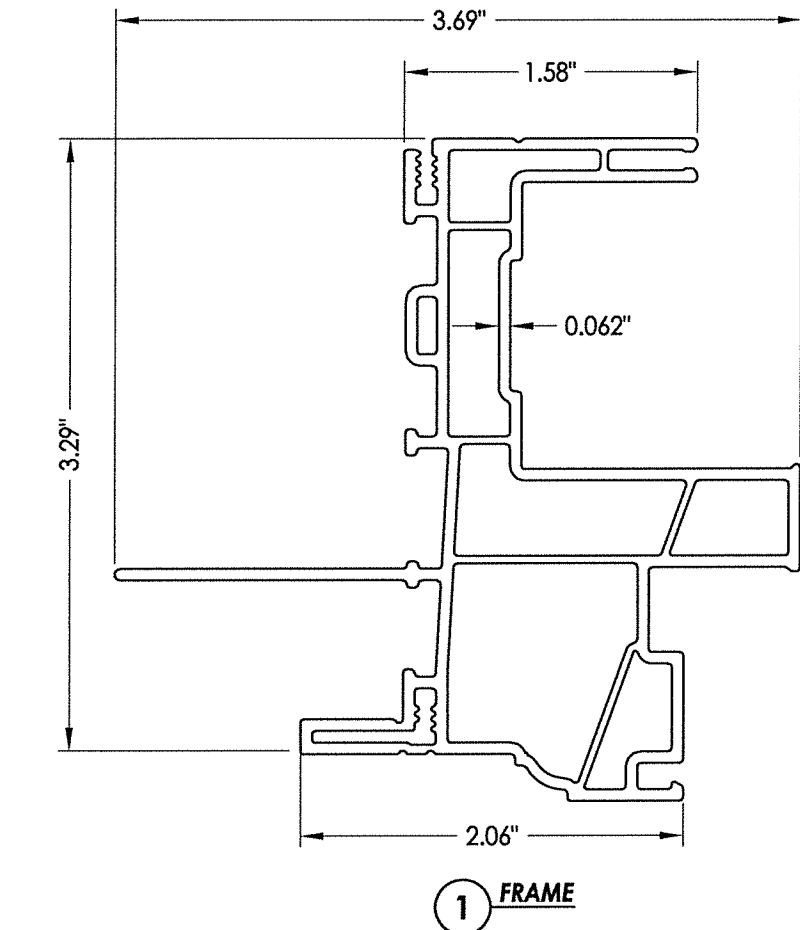
DWG. BY: JK

CHK. BY: LFS

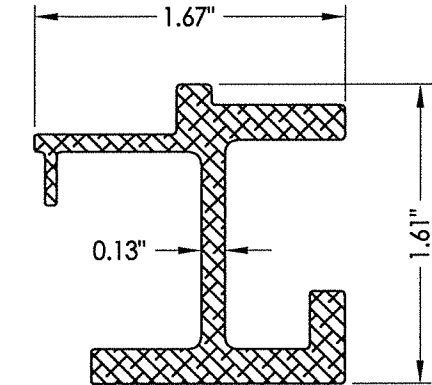
DRAWING NO.: FL-16842.3

SHEET 4 OF 6

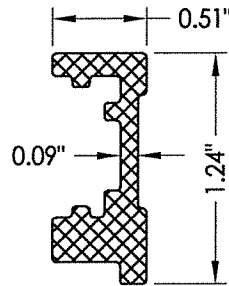
\\dc01\rbw\clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-16842 Horizontal Slides\A - Drawings\FL-16842 (2020) R5\FL-16842.2-3.dwg



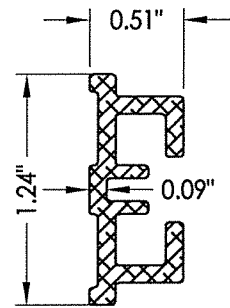
1 FRAME



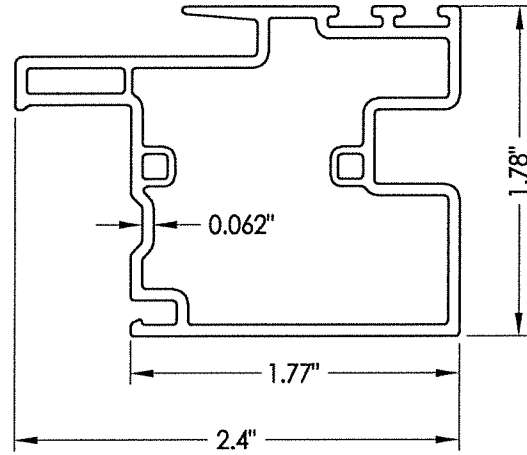
9 MEETING STILE REINFORCEMENT



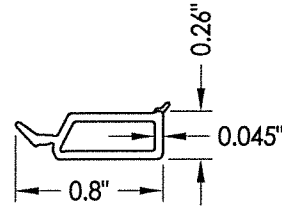
10 LOCK STILE REINFORCEMENT



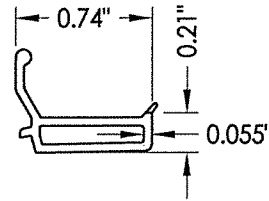
13 HANDLE STILE REINFORCEMENT



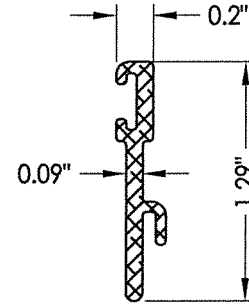
6 MEETING STILE



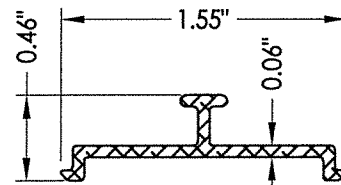
2 GLAZING BEAD



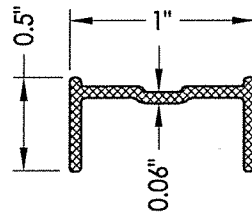
3 GLAZING BEAD



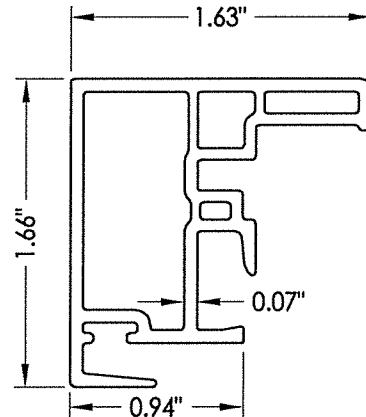
15 SILL RISER



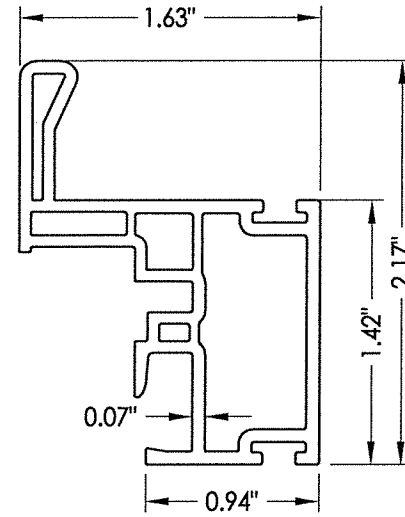
16 ROLLER TRACK



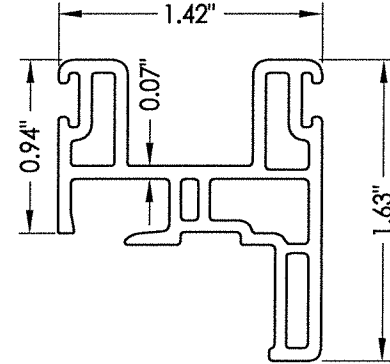
18 BOTTOM RAIL REINFORCEMENT



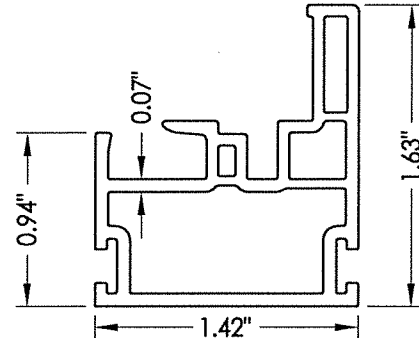
7 LOCK STILE



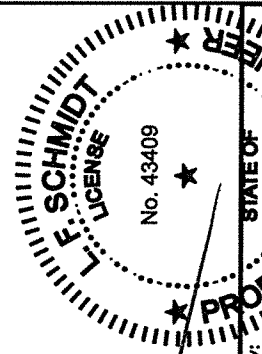
8 HANDLE STILE



5 TOP RAIL



4 BOTTOM RAIL



July 30, 2020

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FBPE Registry No. 9813

PRODUCT:		NewSouth		PART OR ASSEMBLY:		COMPONENTS	
REVISIONS		DATE		BY		LFS	
4	7/30/20	UPDATE TO 7TH ED.	(2020)	FBC	DAG	JK	LFS
3	9/22/17	UPDATE TO 6TH ED.	(2017)	FBC	JK	JK	LFS
2	12/17/15	REVISE MODEL NAME				JK	LFS
1	6/25/15	UPDATE TO 5TH ED.	(2014)	FBC	LFS	BY	

DATE: 2/17/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

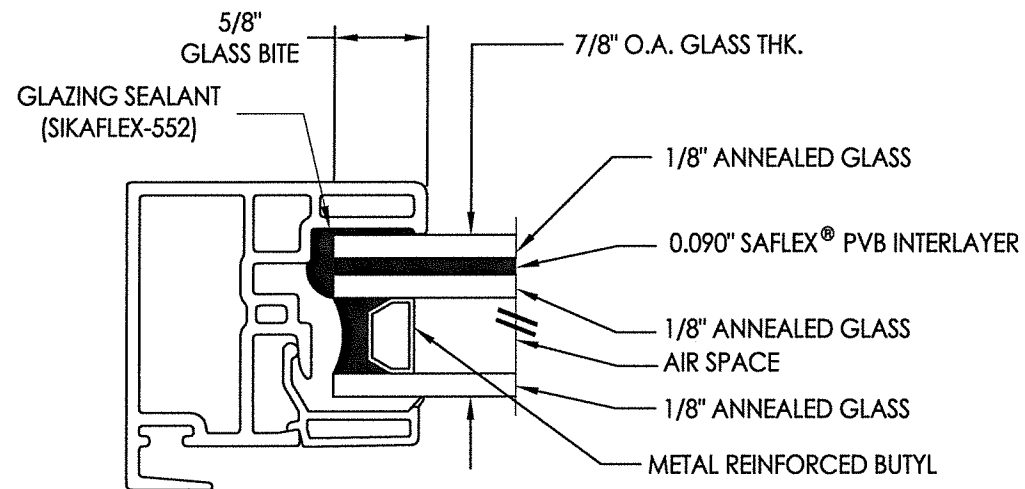
DRAWING NO.:

FL-16842.3

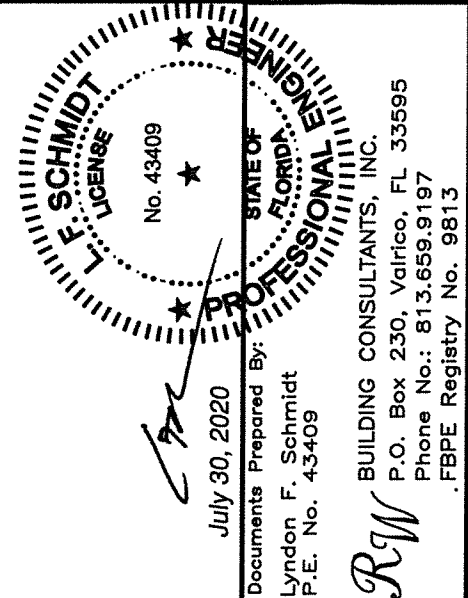
SHEET 5 OF 6

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



DATE: 2/17/14		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16842.3			
SHEET 6 OF 6			
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	12/17/15	REVISE MODEL NAME	JK
1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC LFS
NO.	DATE		BY