

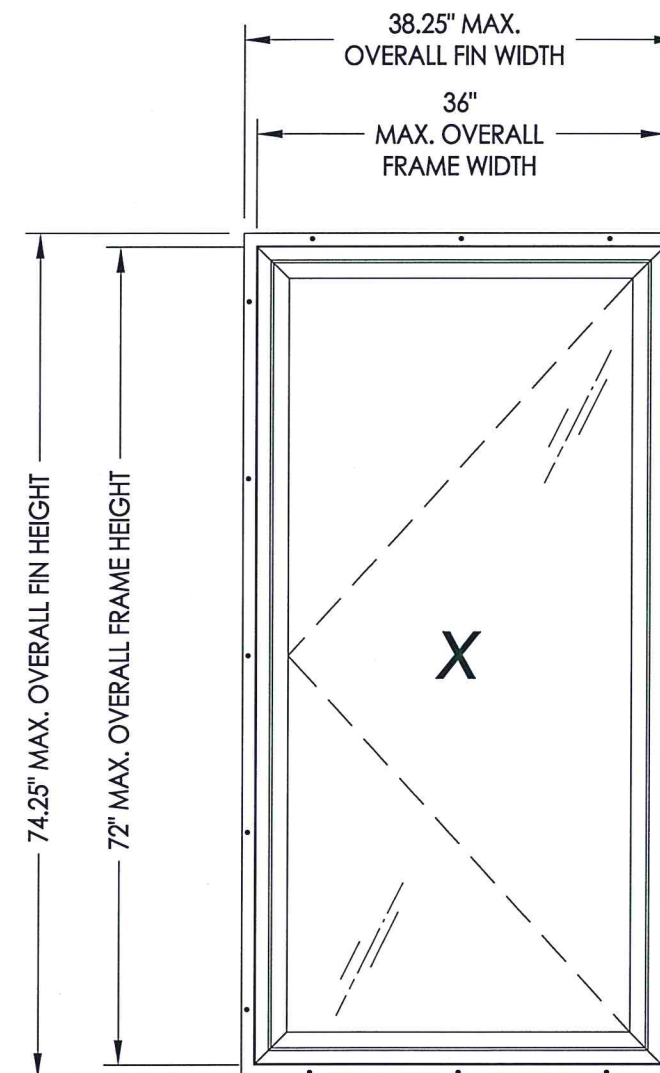


Series 7100
Casement Window
w/ Nailing Fin
"NON-IMPACT"

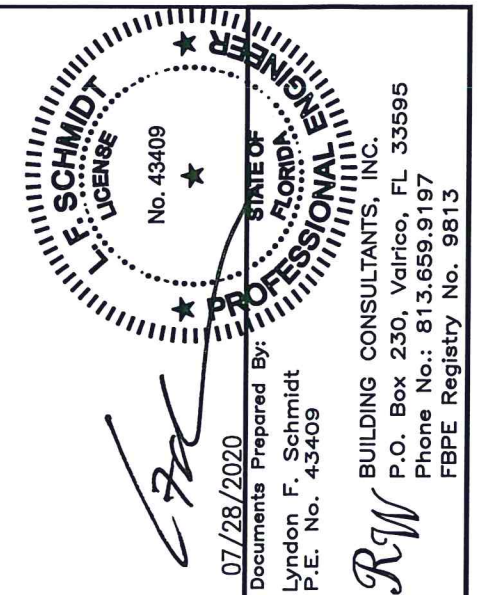
GENERAL NOTES

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.

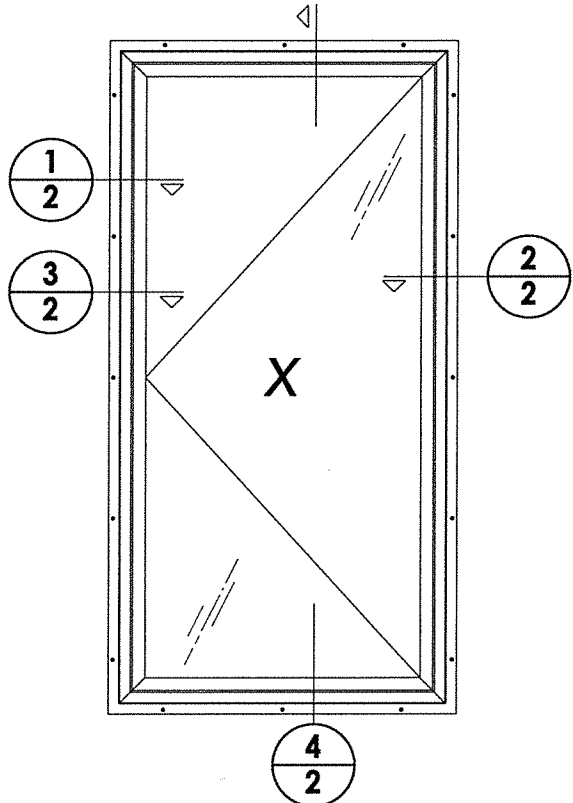
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Buck & frame anchoring
4	Bill of materials, glazing details and components



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
38.25" X 74.25"	36.0" X 72.0"	30.25" X 66.38"	G1	+60.0	-70.0

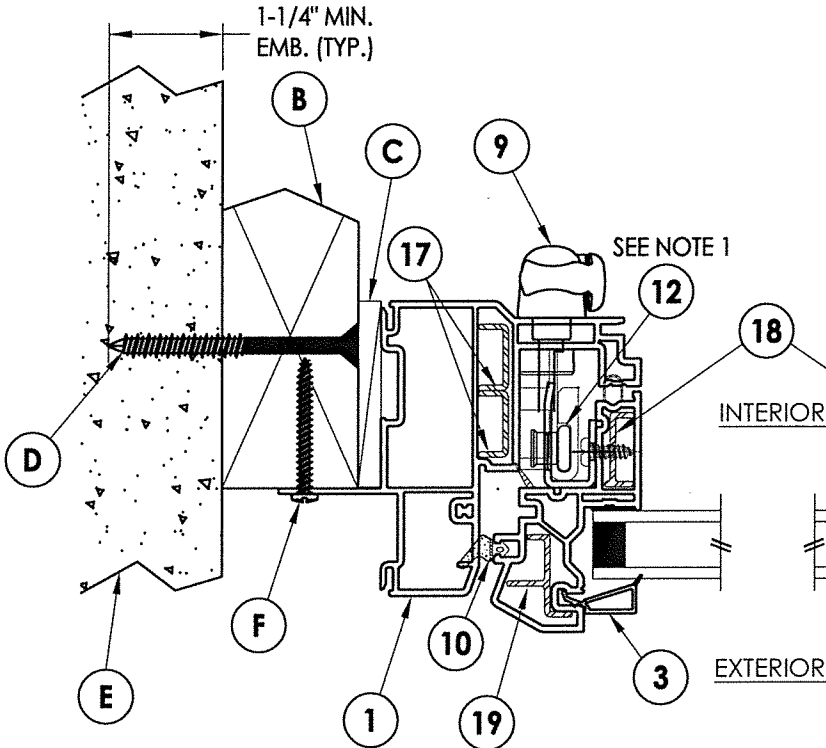
[illegible]

\\dc01\newbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-15052 Casement\C - Drawings\FL-15052 (2020)\FL-15052.4-5.dwg

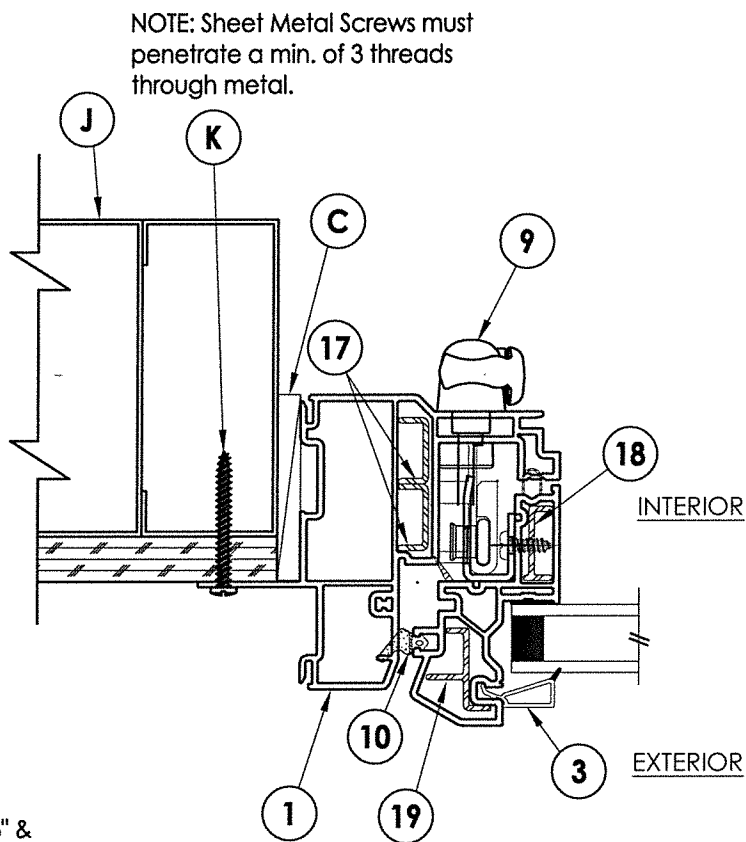


NOTES:

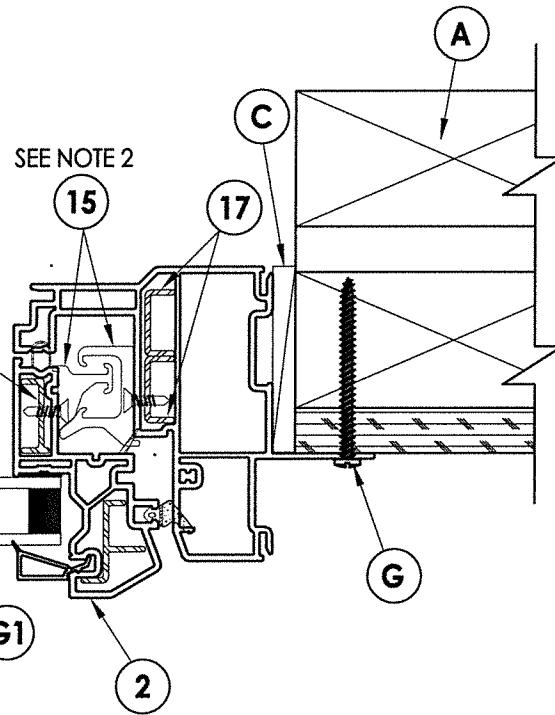
1. Locking points (6) w/ keepers located @ 3.5", 17.75", 34.5", 51.25", 59.38" & 65.88" from bottom of sill @ lock jamb. There are ten stay bar guides.
2. Snubbers (6 pairs) located @ 13" above & below CL & @ 9" from each end (2 sets stacked) of hinge jamb.



1
2 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction

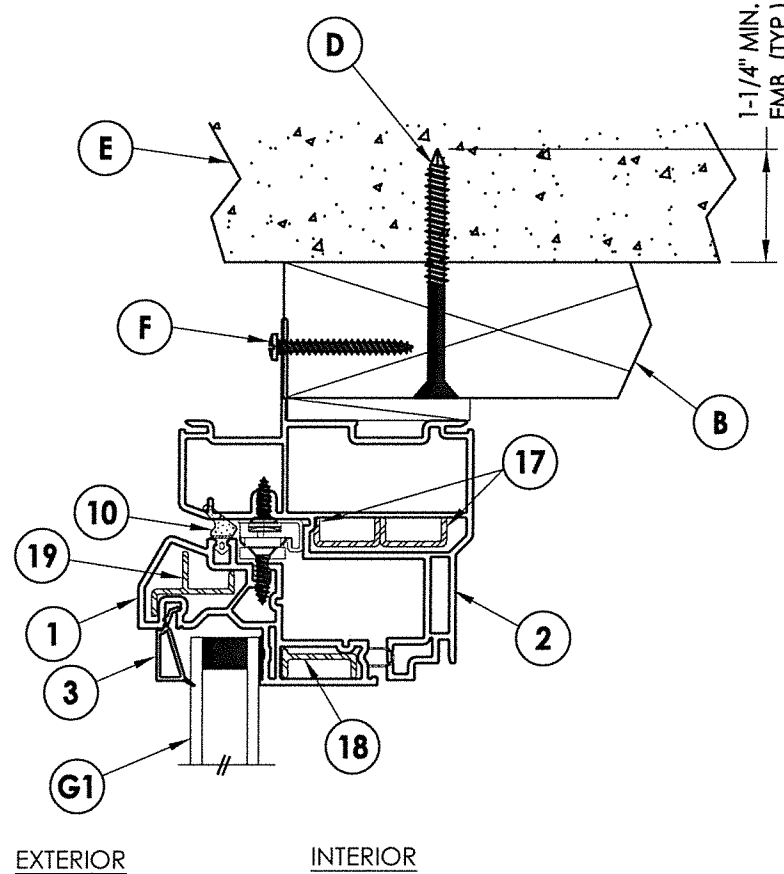


3
2 HORIZONTAL CROSS SECTION
Shown w/ Steel Stud Framing Option

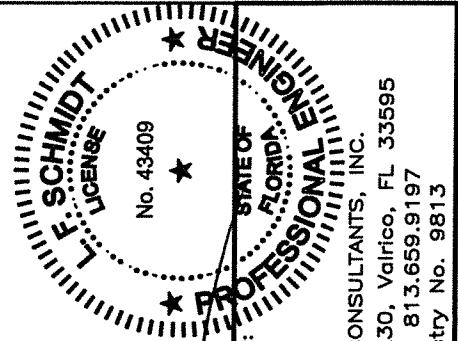


2
2 HORIZONTAL CROSS SECTION
Stud Construction

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

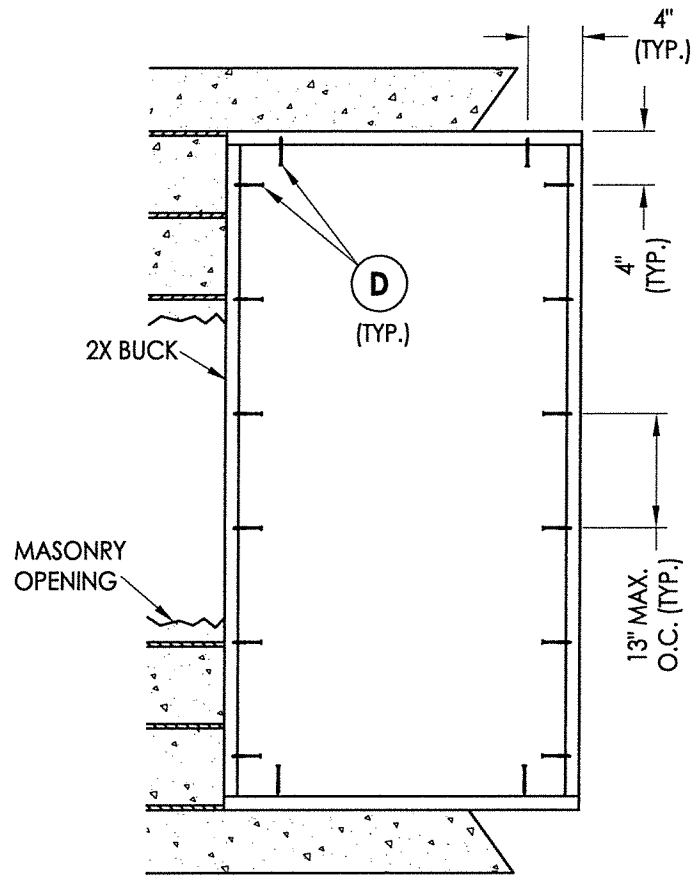


4
2 VERTICAL CROSS SECTION
2X Buck Masonry Construction

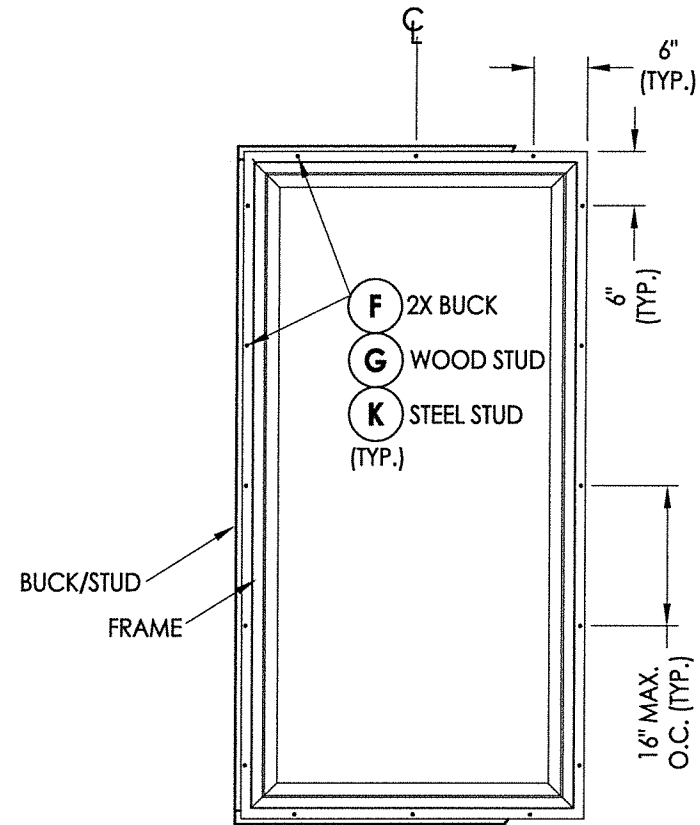


07/28/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		NewSouth	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
DATE:		2/26/20	
SCALE:		N.T.S.	
DWG. BY:		TRJ	
CHK. BY:		LFS	
DRAWING NO.:		FL-15052.5	
SHEET		2 OF 4	



2X BUCK ANCHORING



FRAME ANCHORING

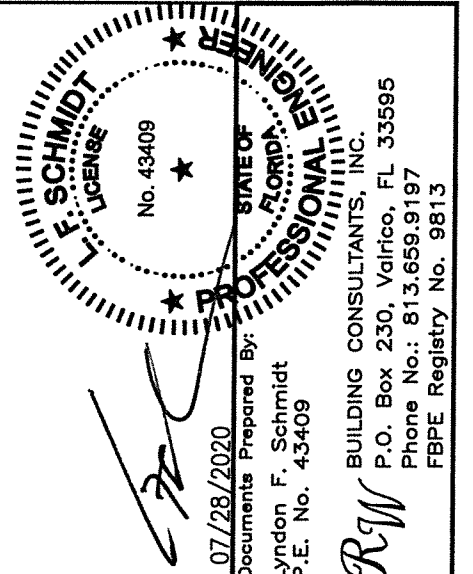
CONCRETE ANCHOR NOTES:

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.



07/28/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT: NewSouth

PART OR ASSEMBLY:

1	7/28/20	UPDATE TO 7th ED.	(2020)	FBC DAC
NO.	DATE			BY
REVISIONS				

DATE: 2/26/20

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

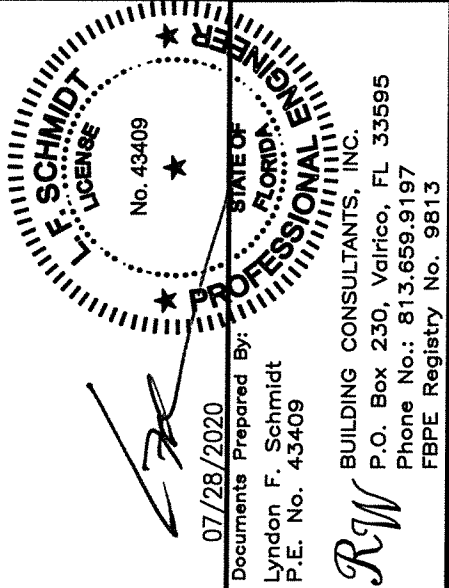
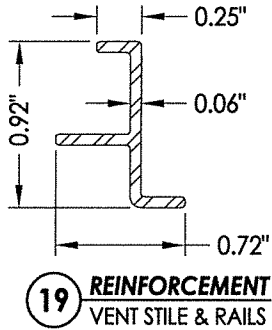
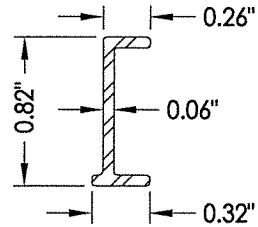
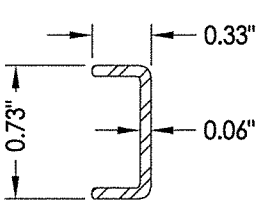
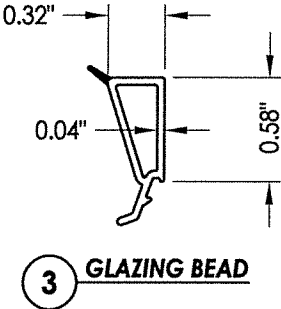
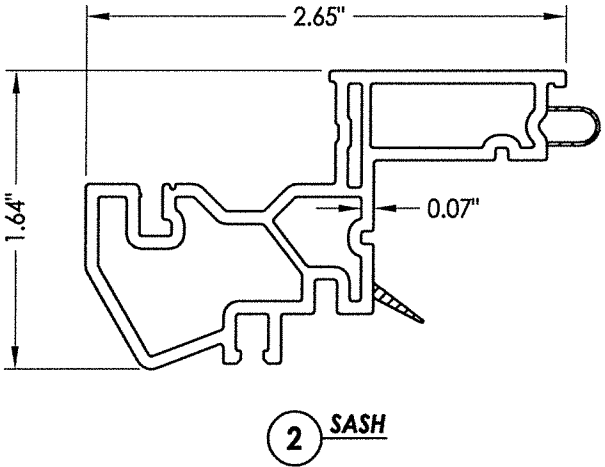
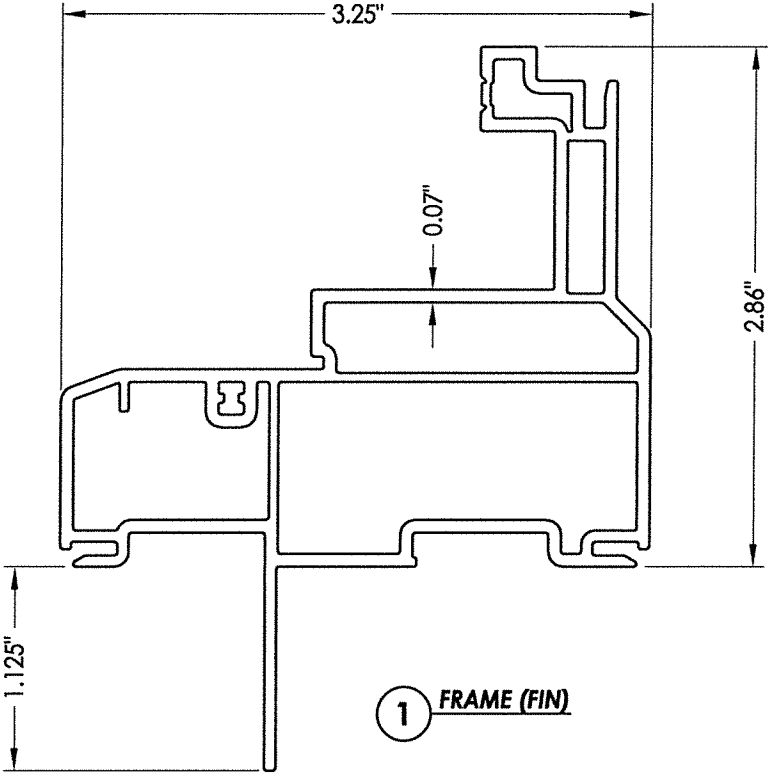
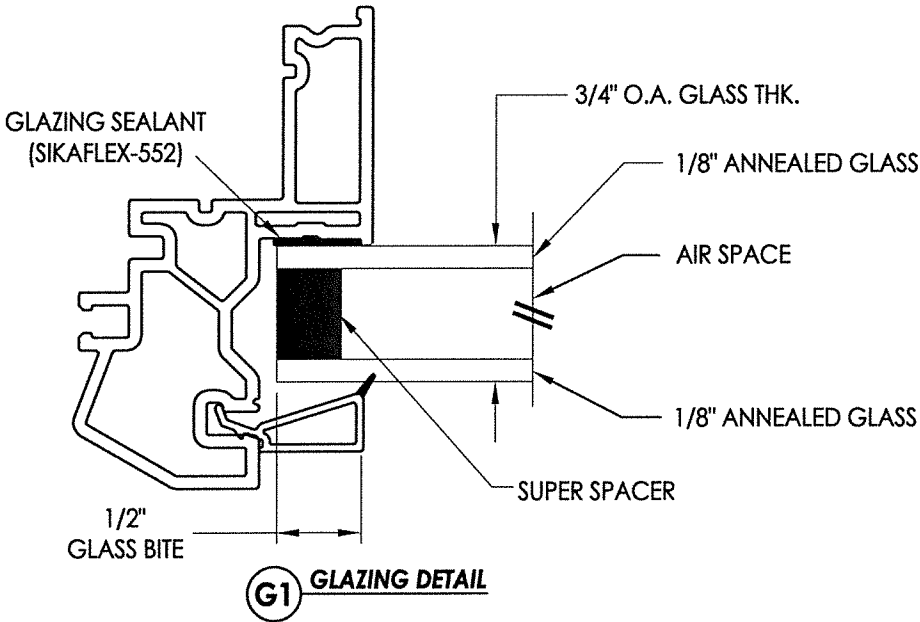
DRAWING NO.:

FL-15052.5

SHEET 3 OF 4

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	3/8" 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	#8 X 1-1/2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	#8 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
J	STEEL STUD Min. Thk 0.033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME (FIN)*	RIGID PVC
2	EXTRUDED VINYL SASH *	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
9	LOCK ASSEMBLY (TRUTH)	STEEL
10	FOAMTITE SEAL	-
11	SINGLE ARM OPERATOR (TRUTH)	-
12	TIE BAR (TRUTH)	-
14	TIE BAR GUIDE (TRUTH)	-
15	SNUBBER	6005-T5 ALUM
17	REINFORCEMENT AWNING FRAME (10202004)	6063-T5 ALUM
18	REINFORCEMENT VENT SIDE RAILS (10300091)	6005-T5 ALUM
19	REINFORCEMENT VENT STILE & RAILS (10500006)	6063-T5 ALUM

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



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		07/28/2020	
BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		R.W.	
PRODUCT:	NewSouth	PART OR ASSEMBLY:	BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS
DATE:	2/26/20	SCALE:	N.T.S.
DWG. BY:	TRJ	CHK. BY:	LFS
DRAWING NO.:	FL-15052.5	SHEET	4 OF 4
NO.	1	DATE	7/28/20
BY	DAC	DATE	7/28/20
REVISIONS	UPDATE TO 7th ED. (2020)	FBC	