

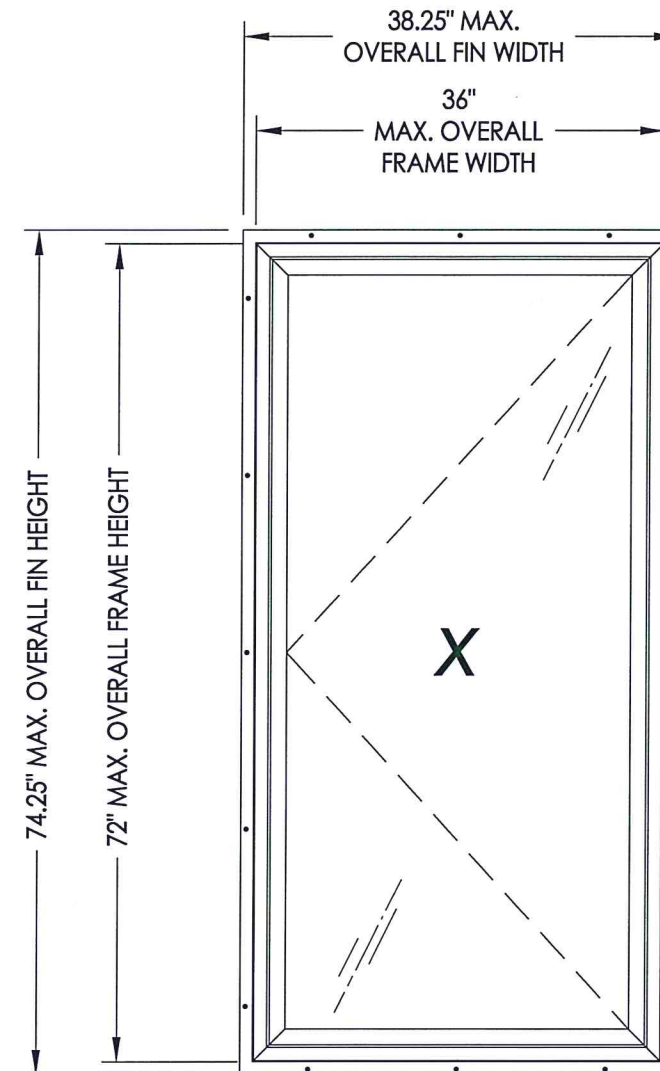


Series 7100
Casement Window
w/ Nailing Fin
"NON-IMPACT"

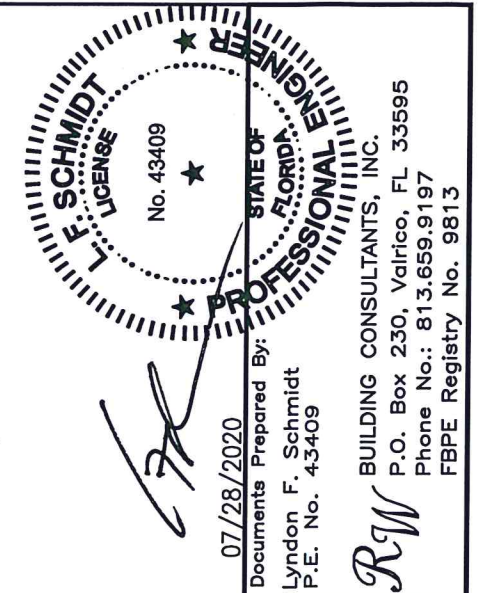
GENERAL NOTES

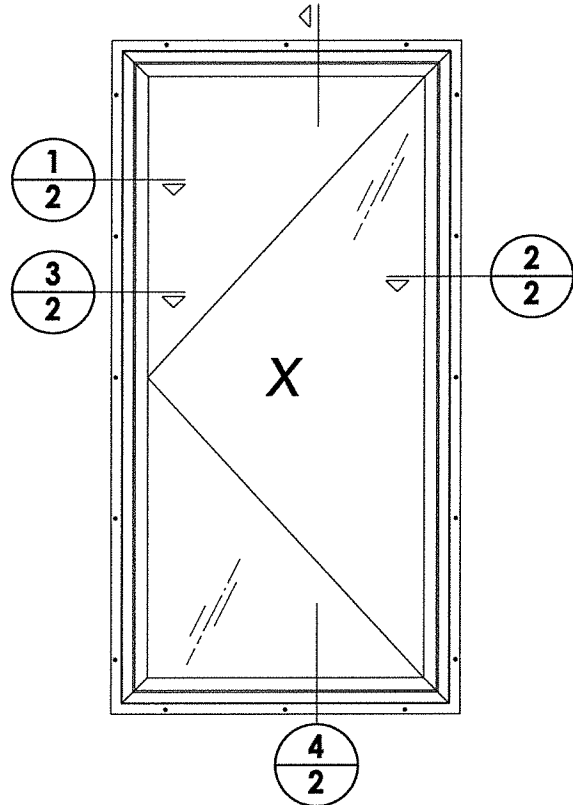
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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

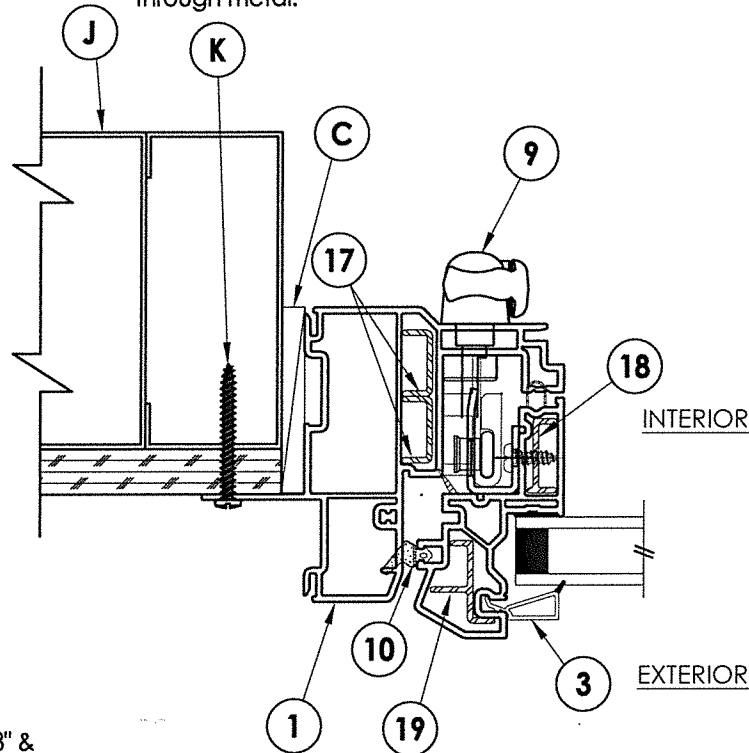
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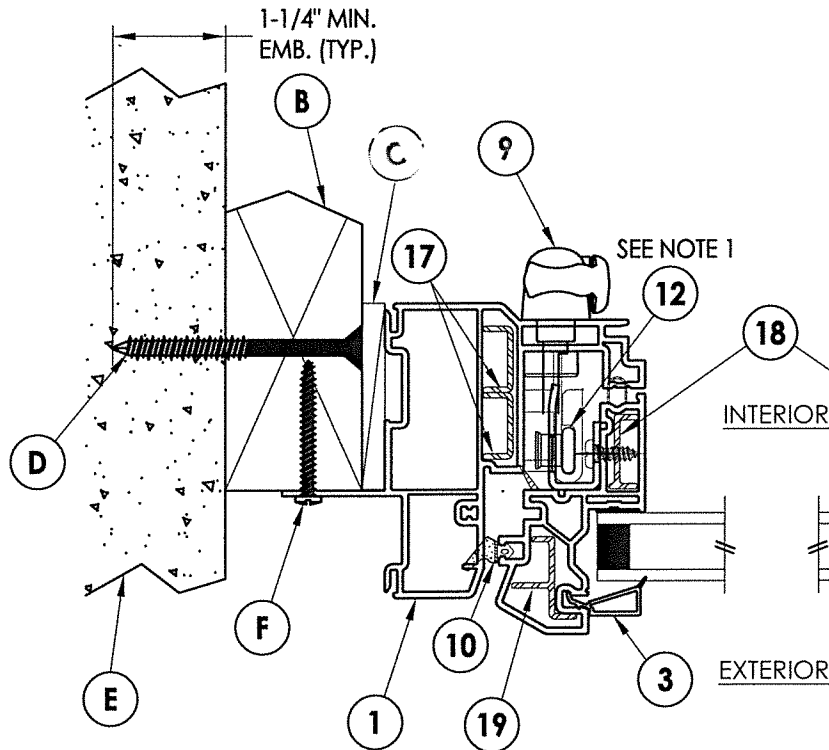
NOTES:

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.

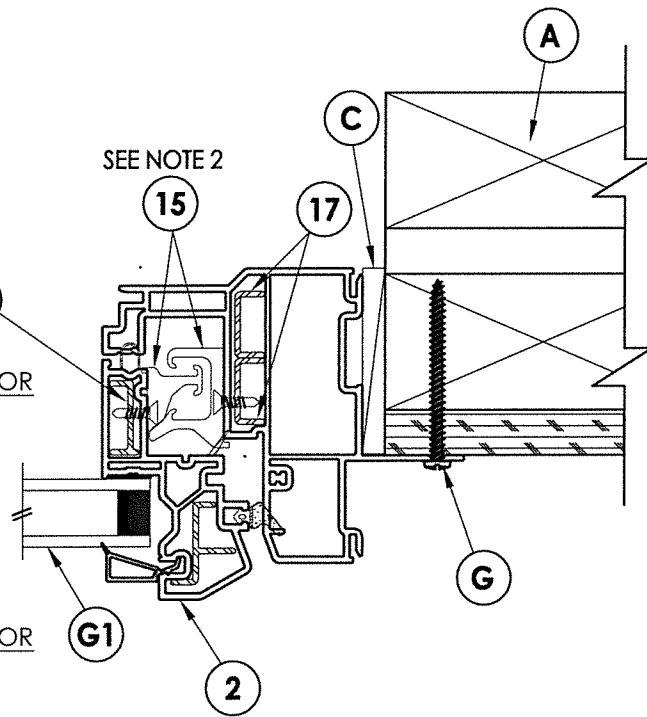
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



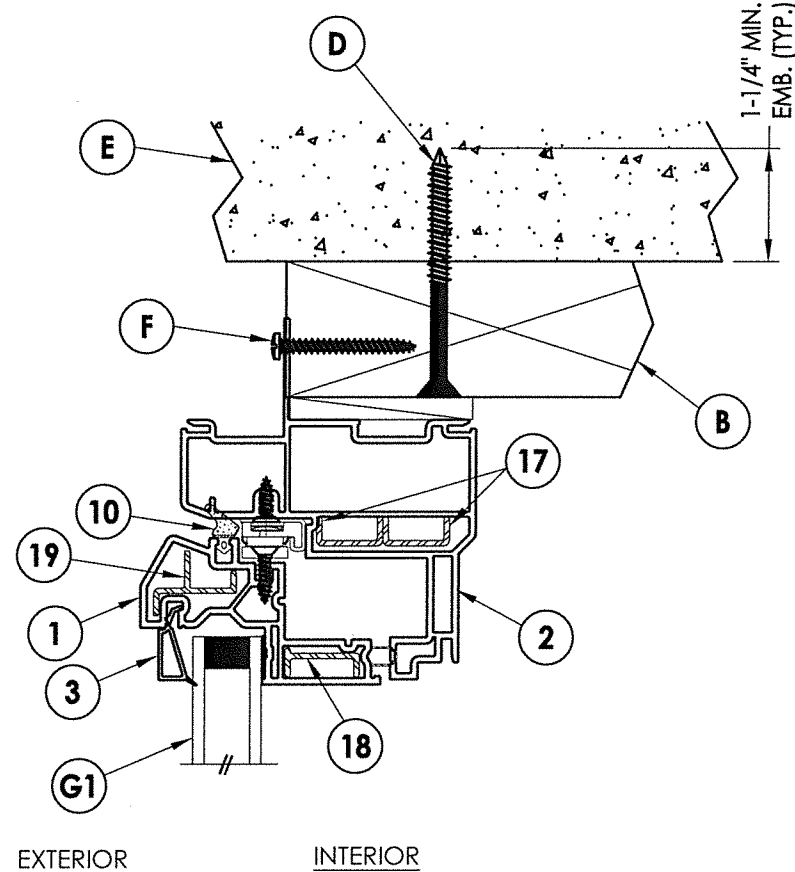
3
2 HORIZONTAL CROSS SECTION
Shown w/ Steel Stud Framing Option



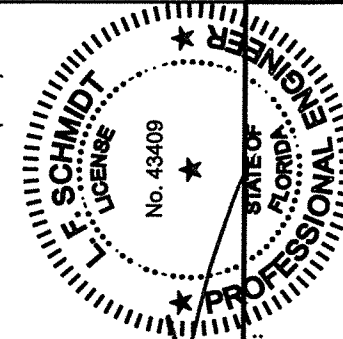
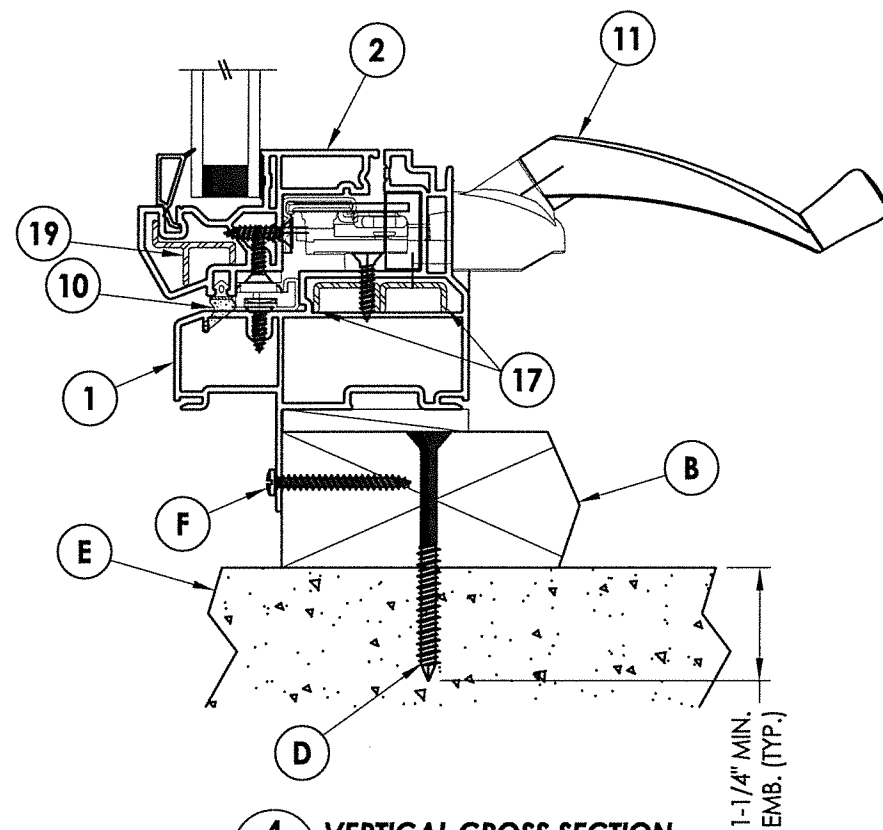
1
2 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction



2
2 HORIZONTAL CROSS SECTION
Stud Construction



4
2 VERTICAL CROSS SECTION
2X Buck Masonry Construction



07/28/2020
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FBPE Registry No. 9813

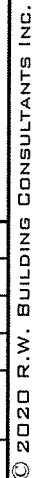
PRODUCT:		PART OR ASSEMBLY:	
Doors		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
1	7/28/20	DAC	UPDATE TO 7th ED. FBC
DATE: 1/27/20			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-15097.5			
SHEET 2 OF 4			



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:

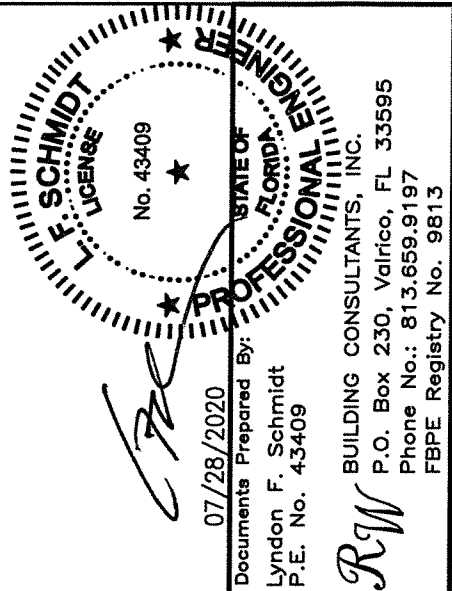
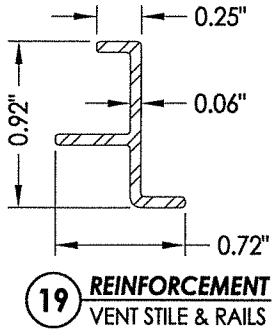
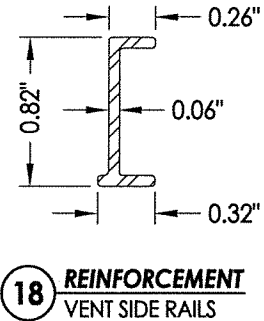
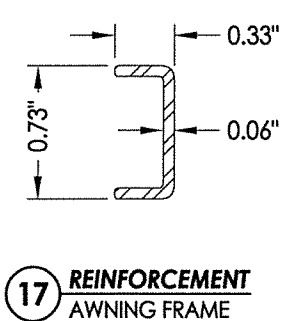
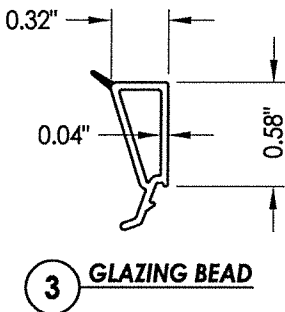
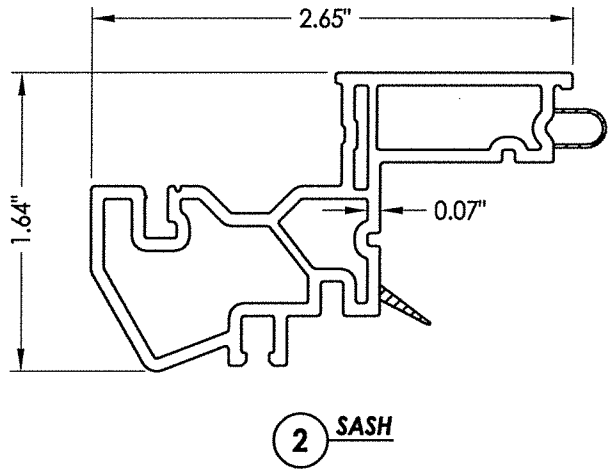
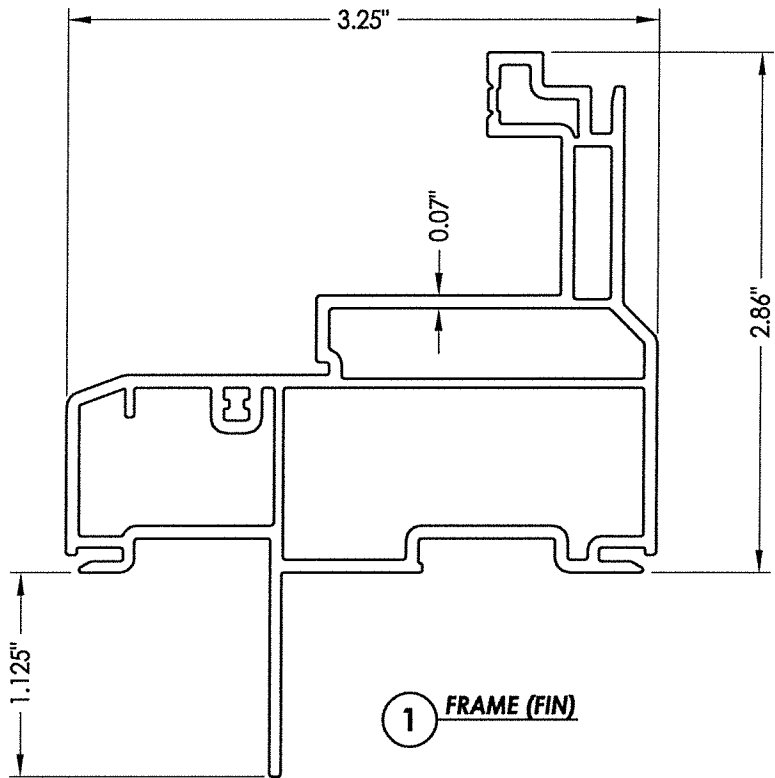
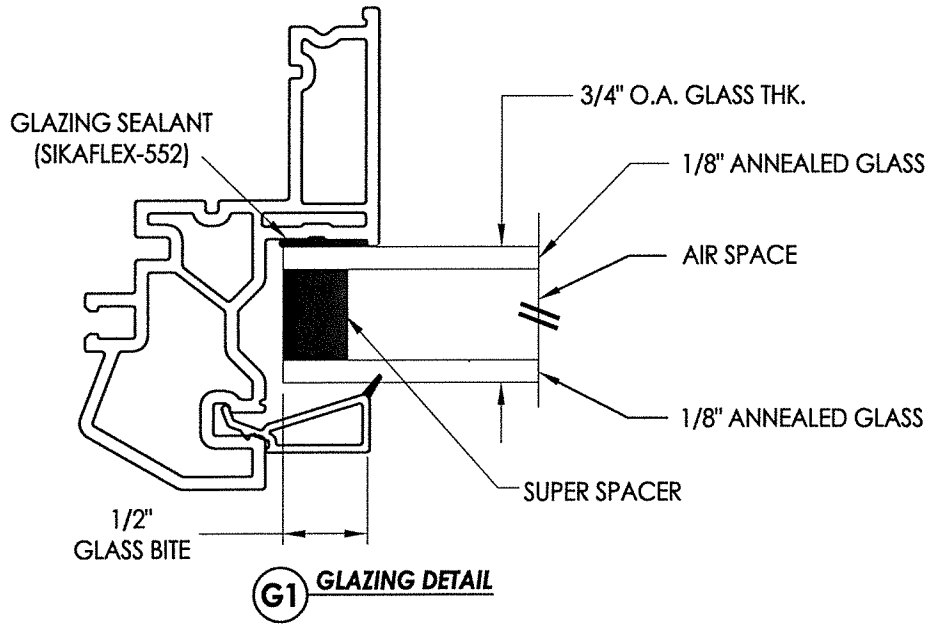
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



\\dc01\wbc\clients\Doers PERMANENT\A - Florida Product Approvals\FL-15097 Windows - Casement\C - Drawings\FL-15097 (2020) R5\FL-15097.4-5.dwg

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".



PRODUCT: Doers		PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
		DAC	BY
		1	7/28/20
		NO.	DATE
		REVISIONS	
DATE: 1/27/20		SCALE: N.T.S.	
DWG. BY: TRJ		CHK. BY: LFS	
DRAWING NO.: FL-15097.5		SHEET 4 OF 4	