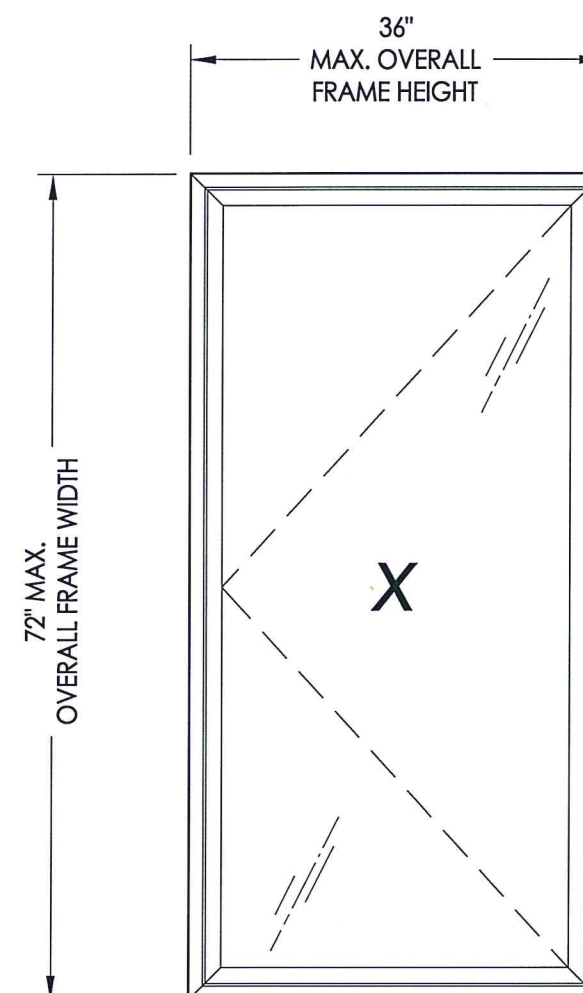


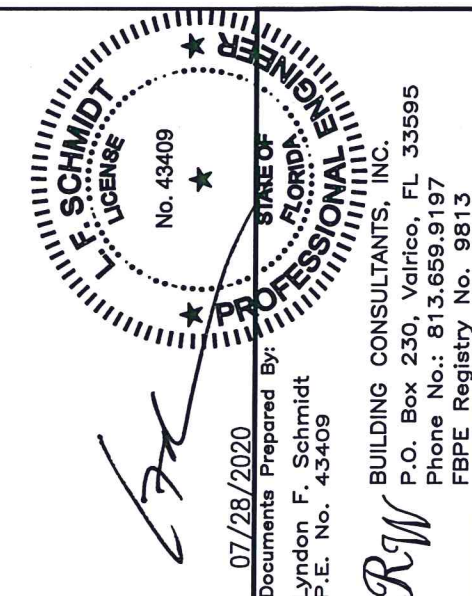


1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. 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



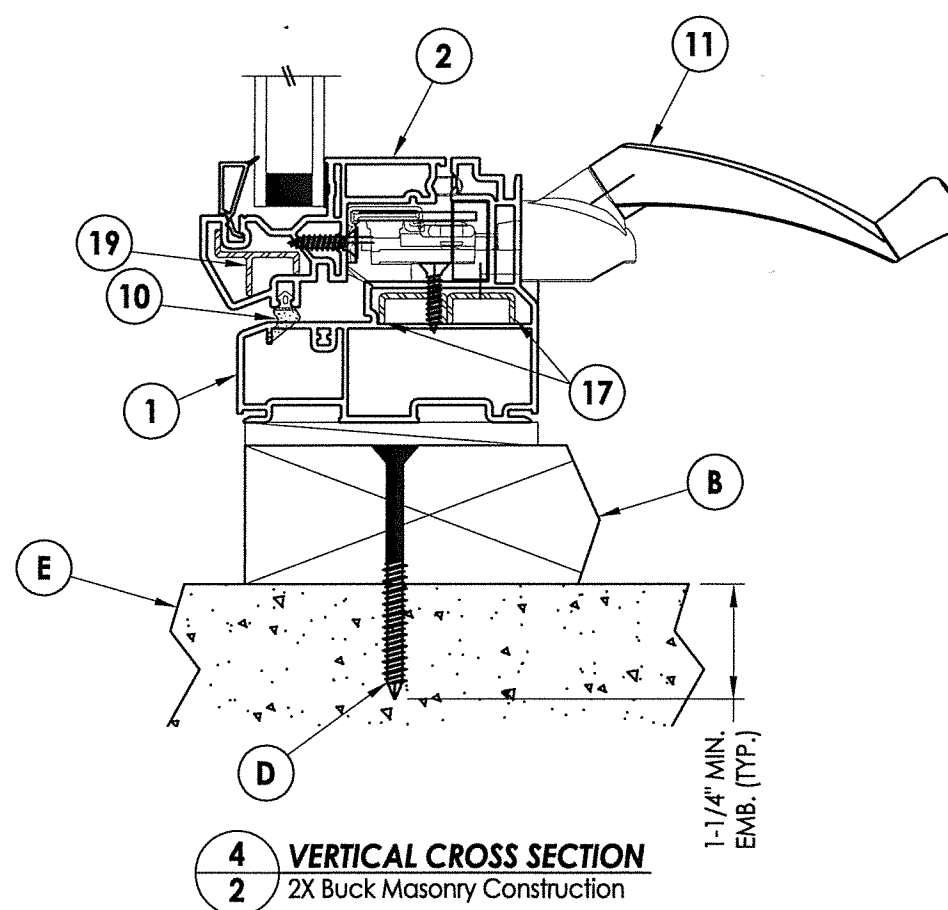
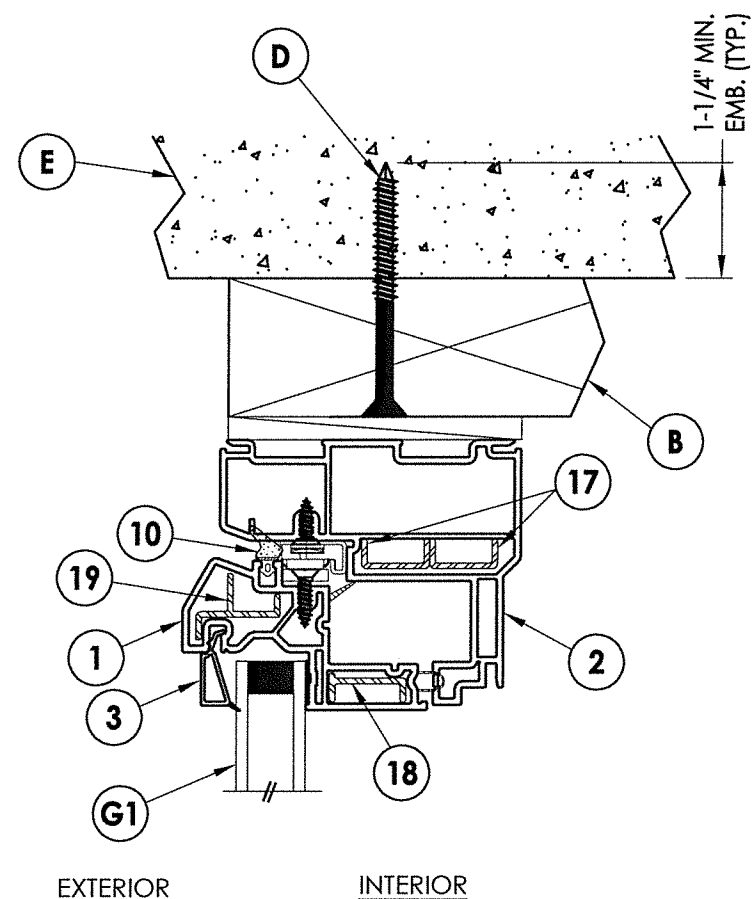
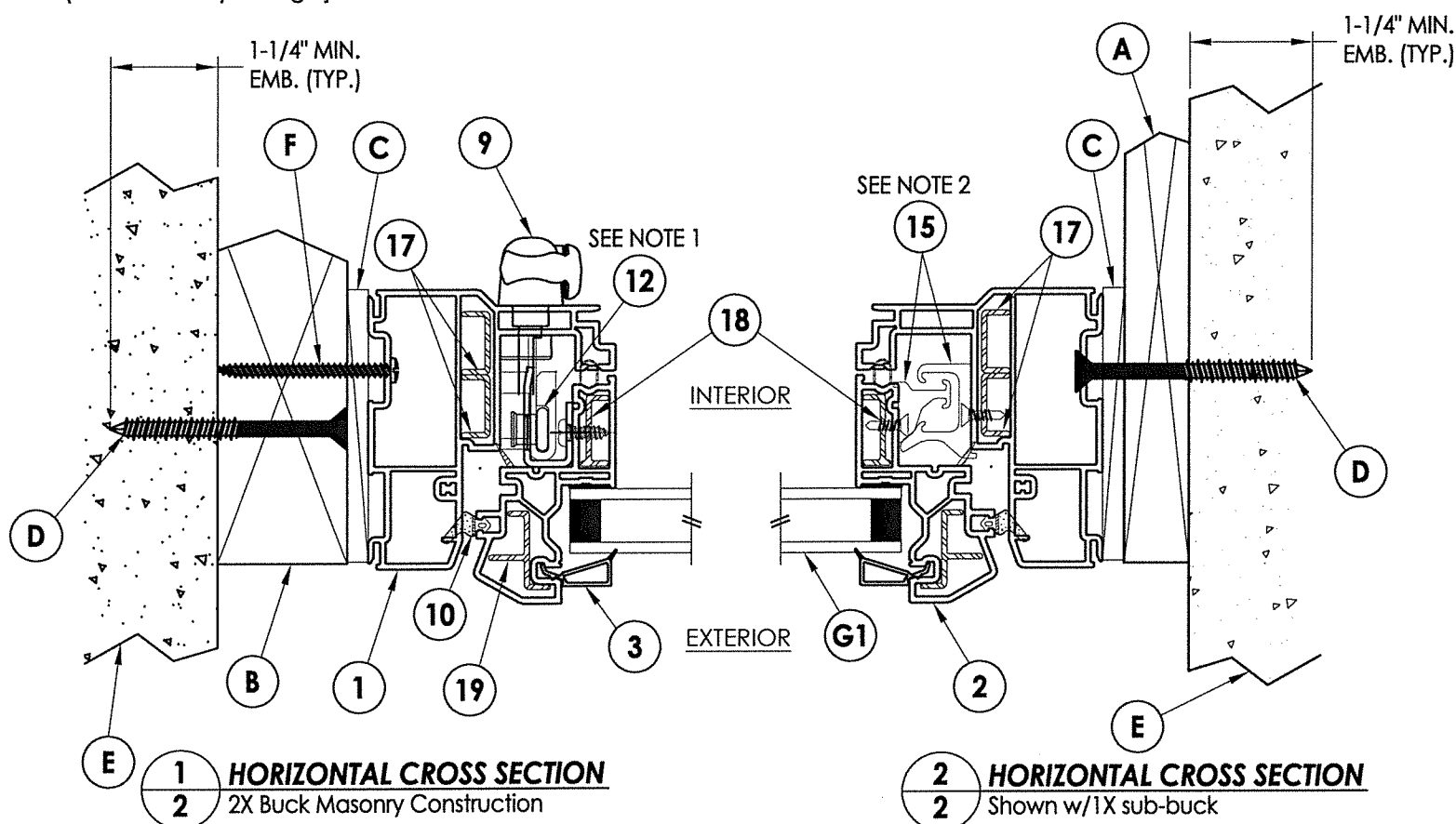
OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
36.0" X 72.0"	30.25" X 66.38"	G1	+60.0	-70.0

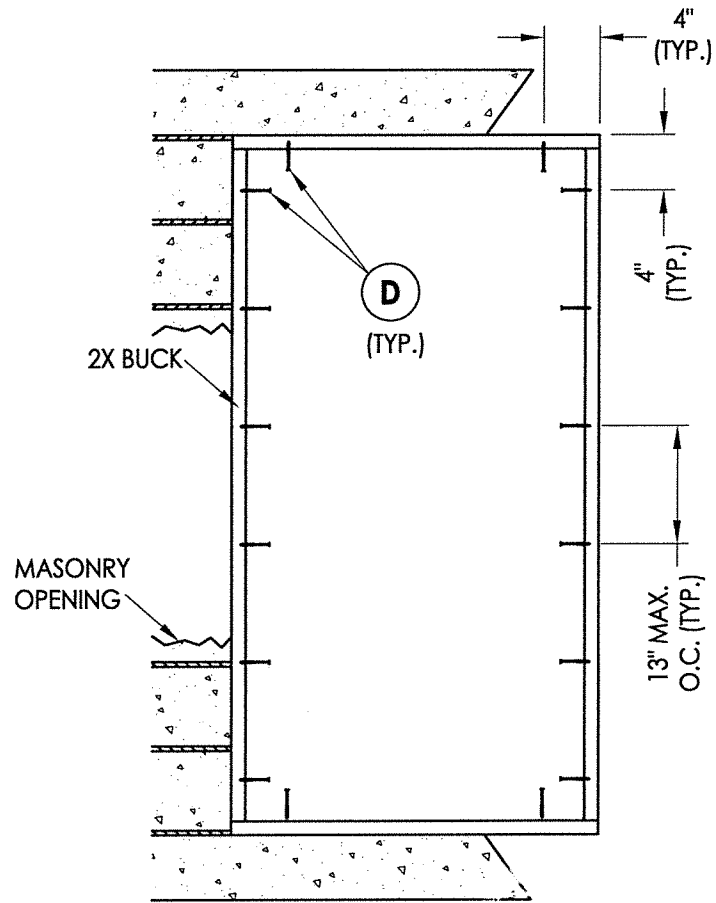


DATE: 1/27/20		PRODUCT: Doers	
SCALE: N.T.S.		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-15097.4			
SHEET 1 OF 4		REVISIONS	
1	7/28/20	UPDATE TO 7th ED. (2020)	DAC
NO.	DATE		BY

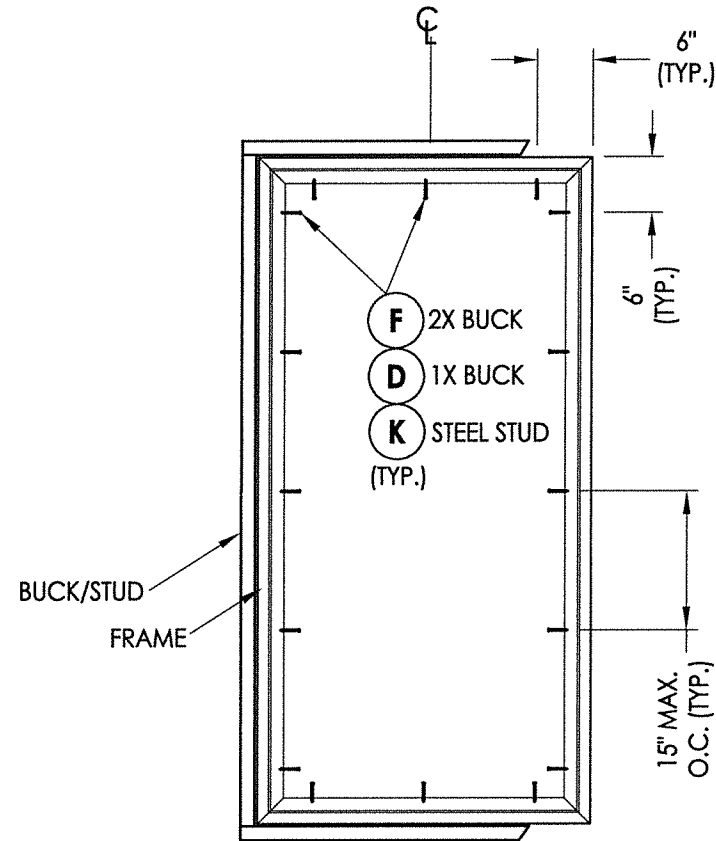
A detailed cross-sectional diagram of a window assembly. The diagram shows the internal structure of the window frame and the glazing unit. Key components are labeled with circled numbers and letters: 'J' points to the upper frame rail; 'K' points to the glazing unit; 'C' points to the gasket between the frame and the glazing; '9' points to the upper sash or handle; '17' points to the internal mechanism; '18' points to the interior side of the frame; '10' points to the lower sash or handle; '19' points to the internal mechanism; '3' points to the exterior side of the frame. The diagram is divided into two sections: 'INTERIOR' on the right and 'EXTERIOR' on the left. A horizontal line with diagonal hatching represents the glazing unit. A vertical line with diagonal hatching represents the frame. A horizontal line with diagonal hatching represents the lower frame rail. A horizontal line with diagonal hatching represents the lower frame rail.

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.





2X BUCK ANCHORING



FRAME ANCHORING

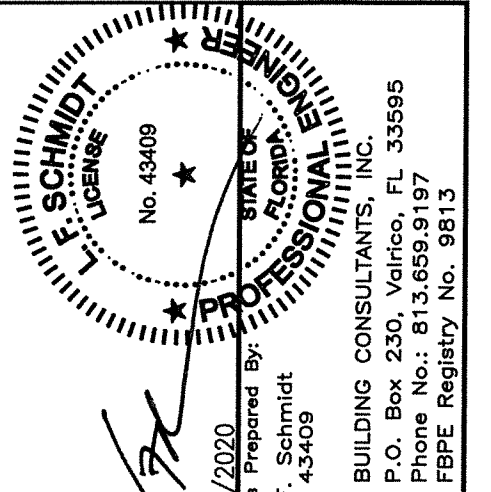
CONCRETE ANCHOR NOTES:

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

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P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

PRODUCT:

Doers

PART OR ASSEMBLY:

23

JACK & FRAME
ANCHORING

ANCHORING

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

DAC		
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20) FBC

ED. (202

TO 7th

UPDATE

28/20

1	7/2
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DATE: 1/27/20

SCALE: N.T.S.

DWG. BY: *TRJ*

CHK. BY: LFS

DRAWING NO.:

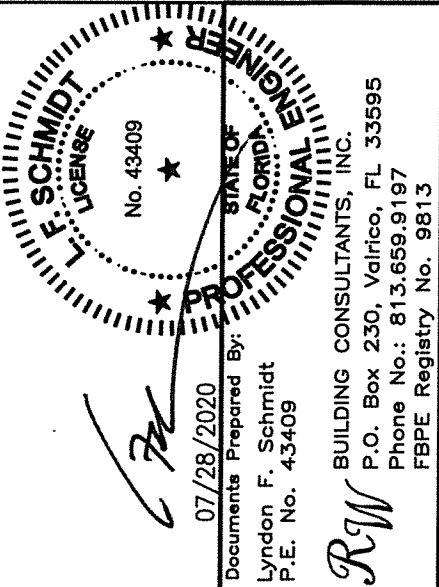
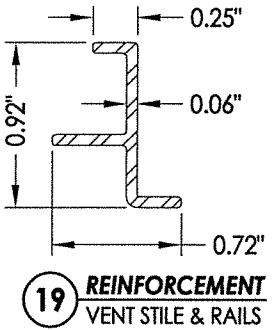
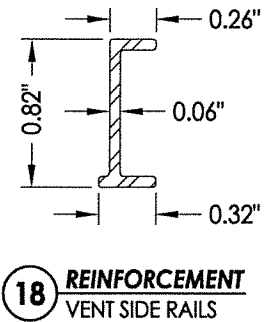
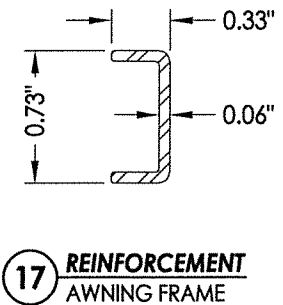
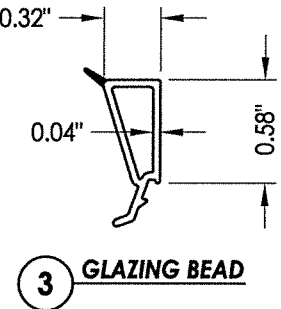
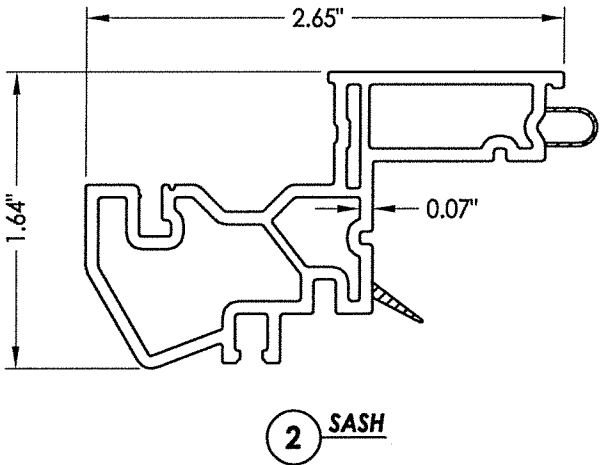
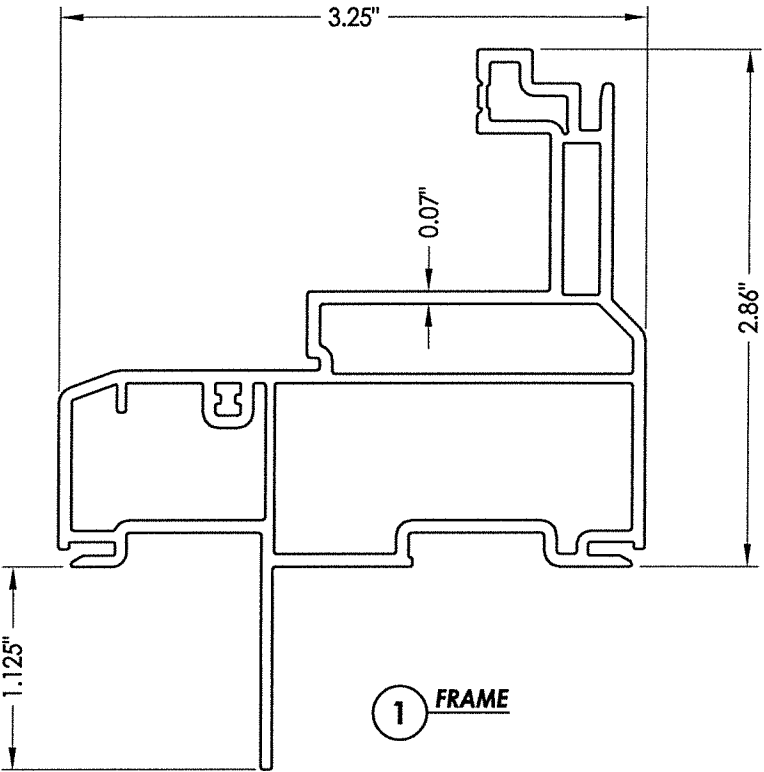
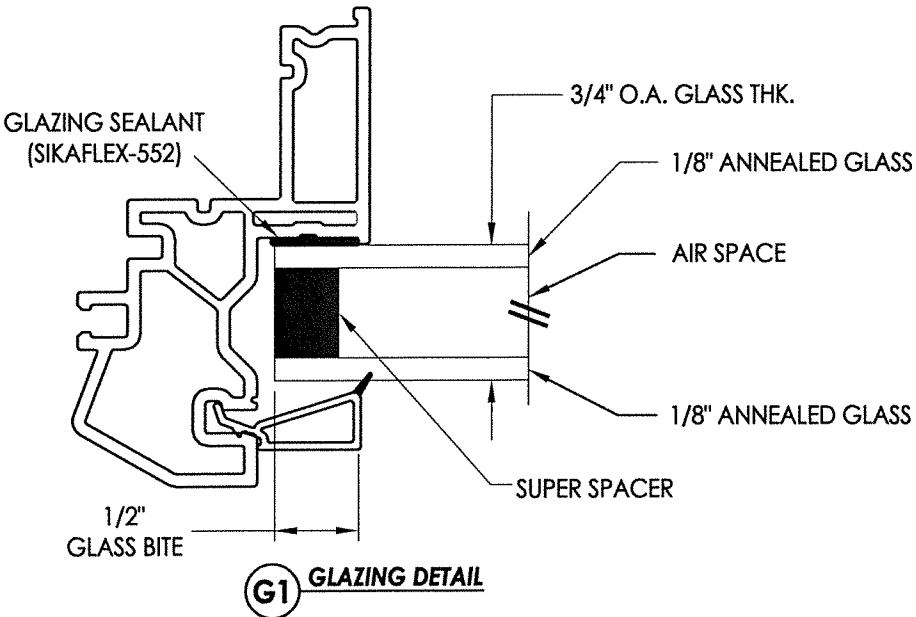
FL-15097.4

SHEET 3 OF 4

\\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 2" PPH SMS (1-1/2" 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 *	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 w/ GUIDES (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".



07/28/2020
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FBPE Registry No. 9813

PRODUCT: Doors
PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS

NO.	DATE	REVISIONS
1	7/28/20	UPDATE TO 7th ED. FBC

DATE: 1/27/20
SCALE: N.T.S.
DWG. BY: TRJ
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SHEET 4 OF 4