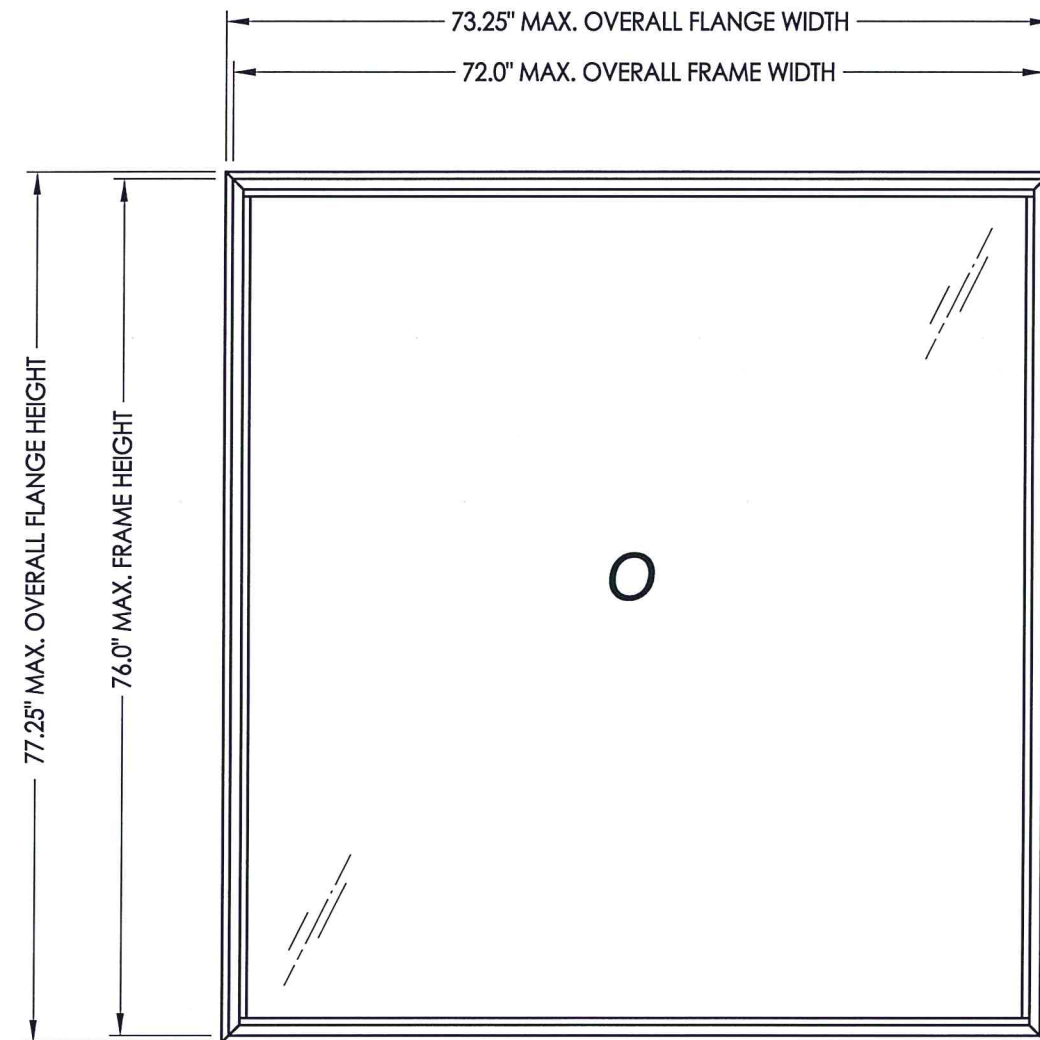


4600 Fixed Window w/ Flange "NON-IMPACT"

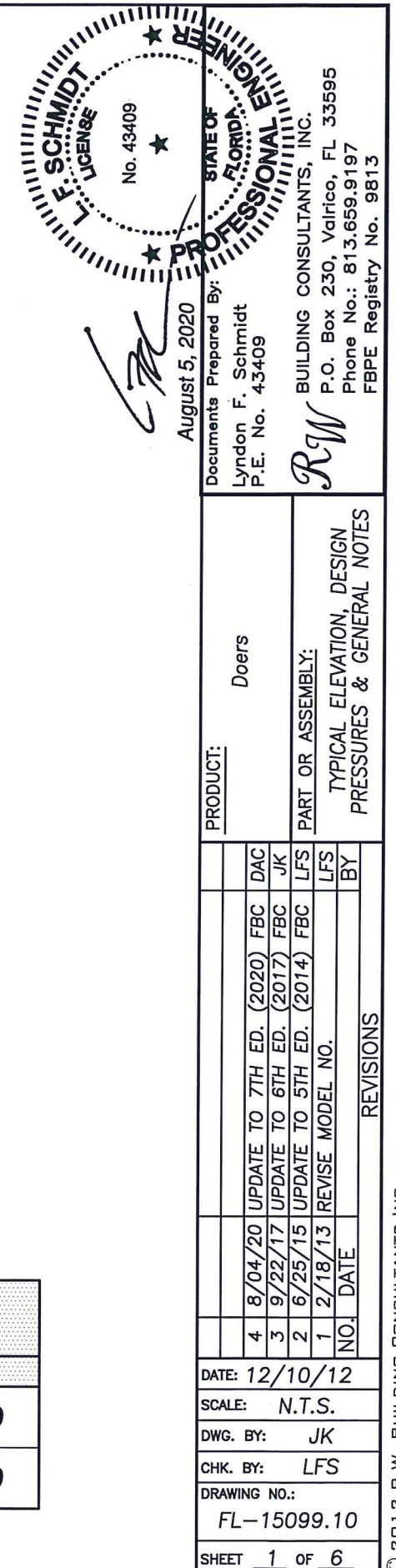
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Buck & frame anchoring
6	Bill of materials, glazing details and components

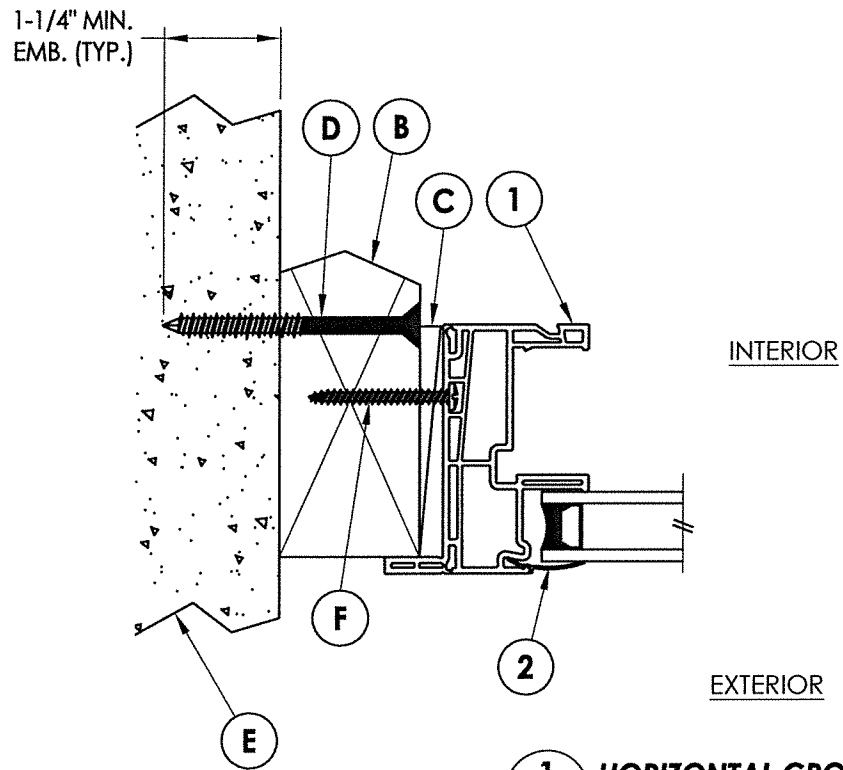
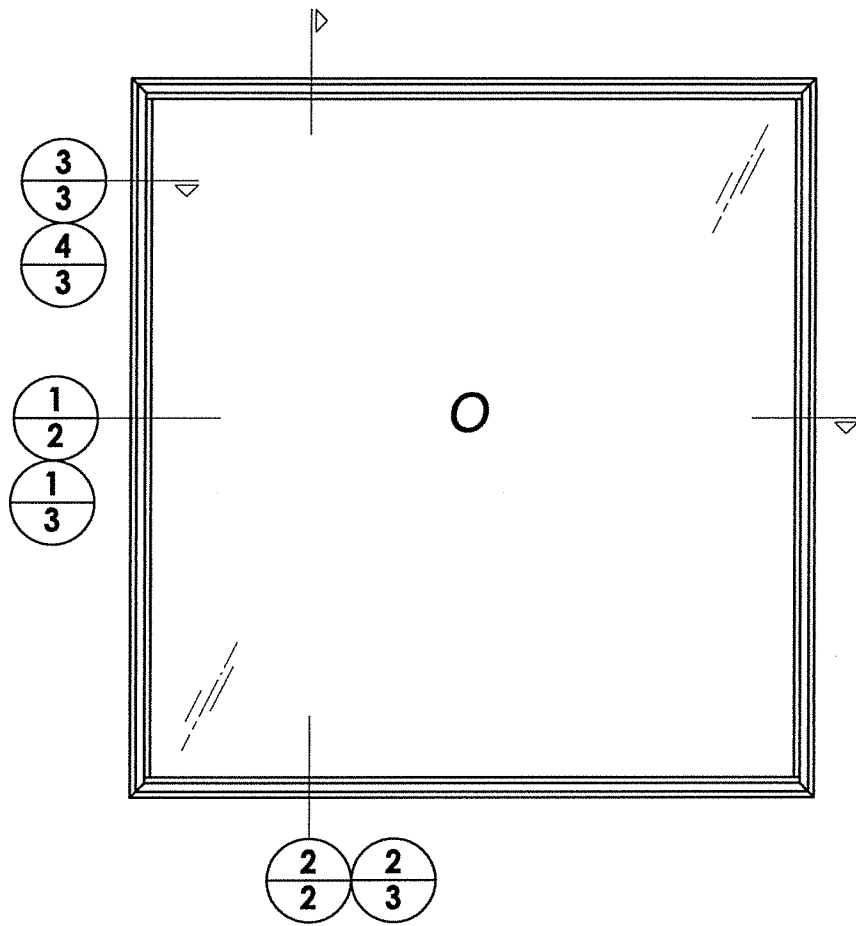


NOTE: VERTICAL ORIENTATION SHOWN (HORIZONTAL ORIENTATION ALSO APPROVED)

OVERALL FLANGE DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
38.25" X 73.25"	37.0" X 72.0"	33.875" X 68.875"	G1	+70.0	-70.0
73.25" X 77.25"	72.0" X 76.0"	68.875" X 72.875"	G2	+60.0	-60.0

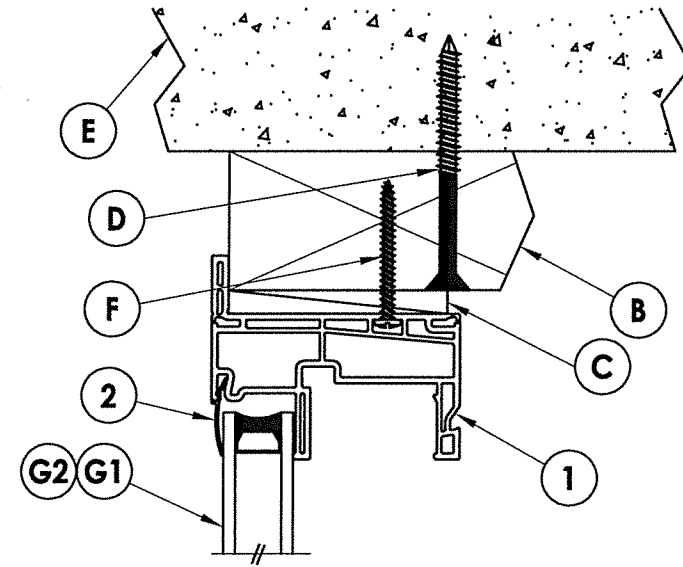
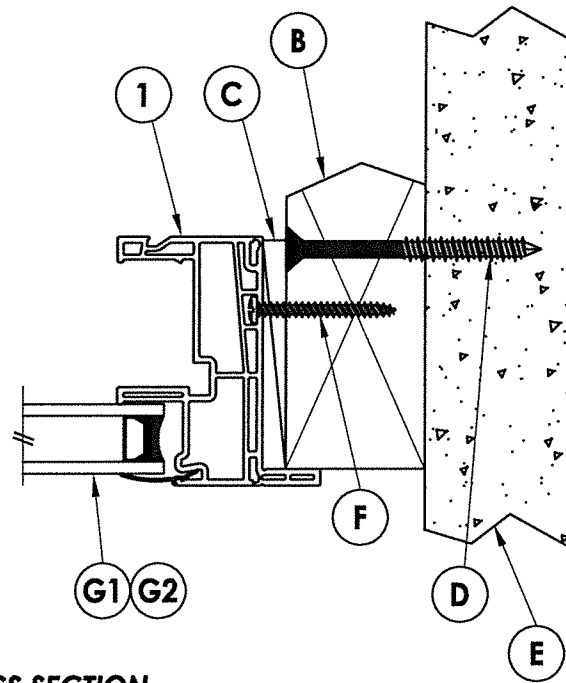


1-1/4" MIN.
EMB. (TYP.)

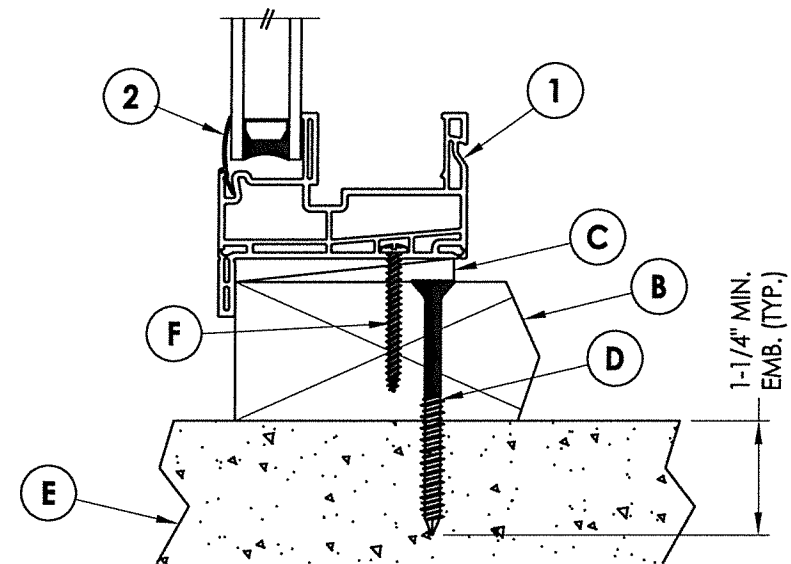


1 HORIZONTAL CROSS SECTION

2 2X Buck Masonry Construction

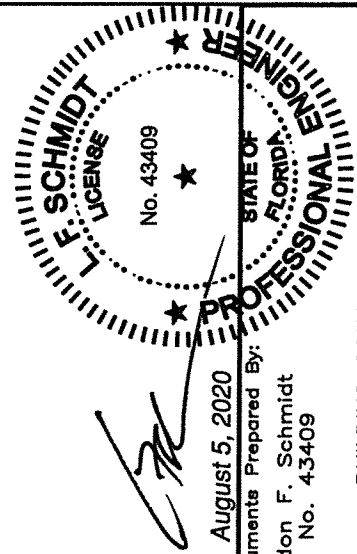


EXTERIOR



2 VERTICAL CROSS SECTION

2 2X Buck Masonry Construction



August 5, 2020

Documents Prepared By:

Lyndon F. Schn
P.E. No. 43409

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

PRODUCT:

PART OR ASSEMBLY:

**VERTICAL & HORIZONTAL
CROSS SECTIONS**

[illegible]



NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through 2 sheets of metal.



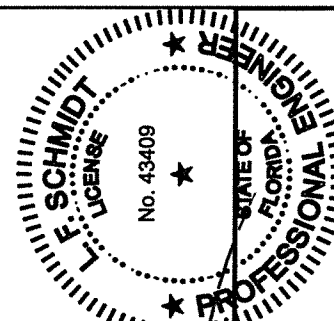
1-1/4" MIN.
EMB. (TYP.)



INTERIOR



VERTICAL CROSS SECTION



August 5, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT: _____

PART OR ASSEMBLY:
**VERTICAL & HORIZONTAL
CROSS SECTIONS**

	4	8/04/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC
	3	9/22/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
	2	6/25/15	UPDATE TO 5TH ED.	(2014)	FBC	LFS
	1	2/18/13	REVISE MODEL NO.			LFS
	NO.	DATE				
	REVISIONS					
						BY

DATE: 12/10/12

SCALE: N.T.S.

DWG. BY:

CHK. BY:

DRAWING NO.:
FL-15099.10

SHEET 3 OF 6

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Technical drawing of a window frame assembly showing cross-section and dimensions.

Dimensions:

- 12.75" MAX. O.C. (TYP.)
- 5" (TYP.)
- 6" (TYP.)

Labels:

- MASONRY OPENING
- FRAME
- 2X SUB BUCK
- F 2X BUCK
- D 1X BUCK
- G DIRECT TO MASONRY
- K STEEL TYP.

72" X 76" MAX. OVERALL FRAME DIMENSION

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"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

August 5, 2020
Documents Prepared By:
Don F. Schmidt
No. 43409

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FBPE Registry No. 9813

August 3, 2020

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

PRODUCT: Doers

PART OR ASSEMBLY:

[illegible]

DATE: 12/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

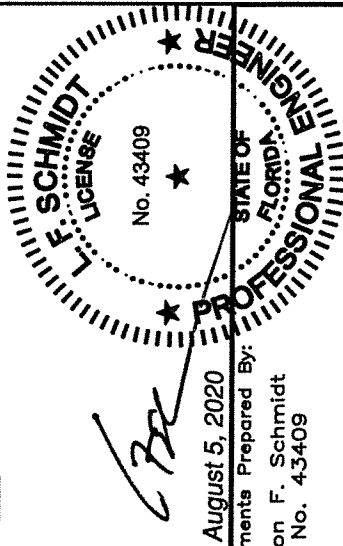
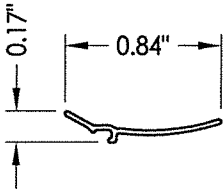
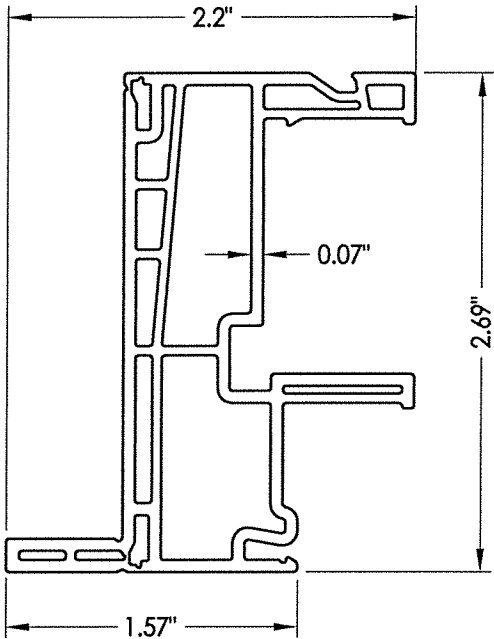
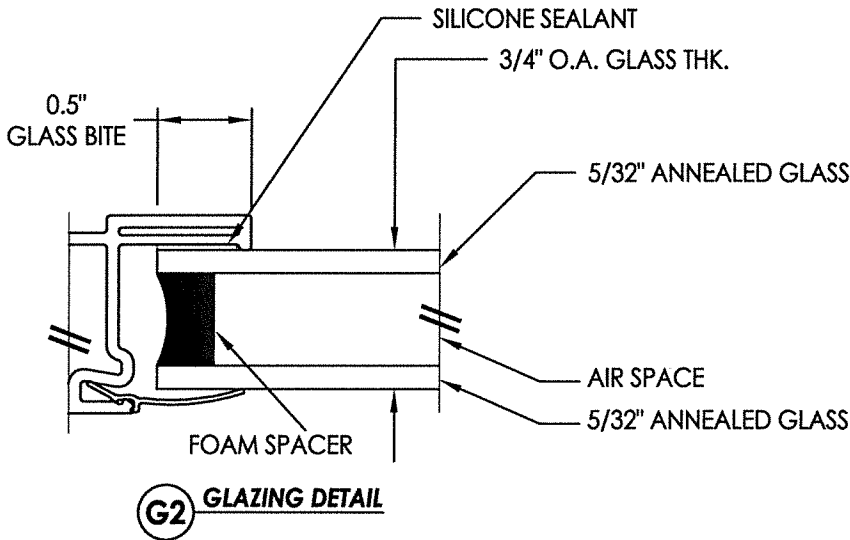
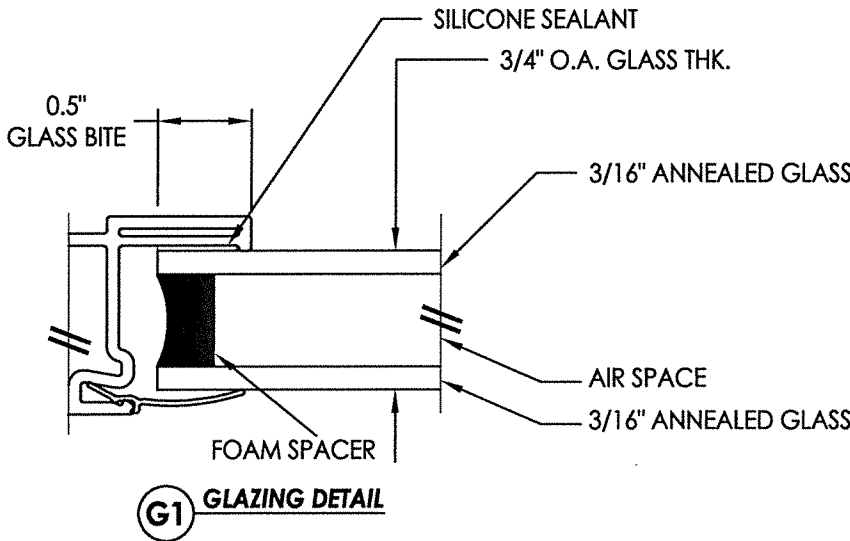
DRAWING NO.:
FL-15099.10

SHEET 5 OF 6

\\dc01\wbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15099 Windows - Fixed\C - Drawings\FL-15099 (2020)\FL-15099.9-10.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT 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 (1-1/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	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 *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
3	GLASS SETTING BLOCK	-

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



August 5, 2020		Documents Prepared By:		P.E. No. 43409	
Doers		BUILDING CONSULTANTS, INC.		P.O. Box 230, Valrico, FL 33595	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS		Phone No.: 813.659.9197	
PRODUCT:		Doers		FBPE Registry No. 9813	
DATE: 12/10/12		SCALE: N.T.S.		DWG. BY: JK	
CHK. BY: LFS		DRAWING NO.: FL-15099.10		SHEET 6 OF 6	
NO.		DATE		REVIEWS	
4		8/04/20		UPDATE TO 7TH ED. (2020) FBC DAC	
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