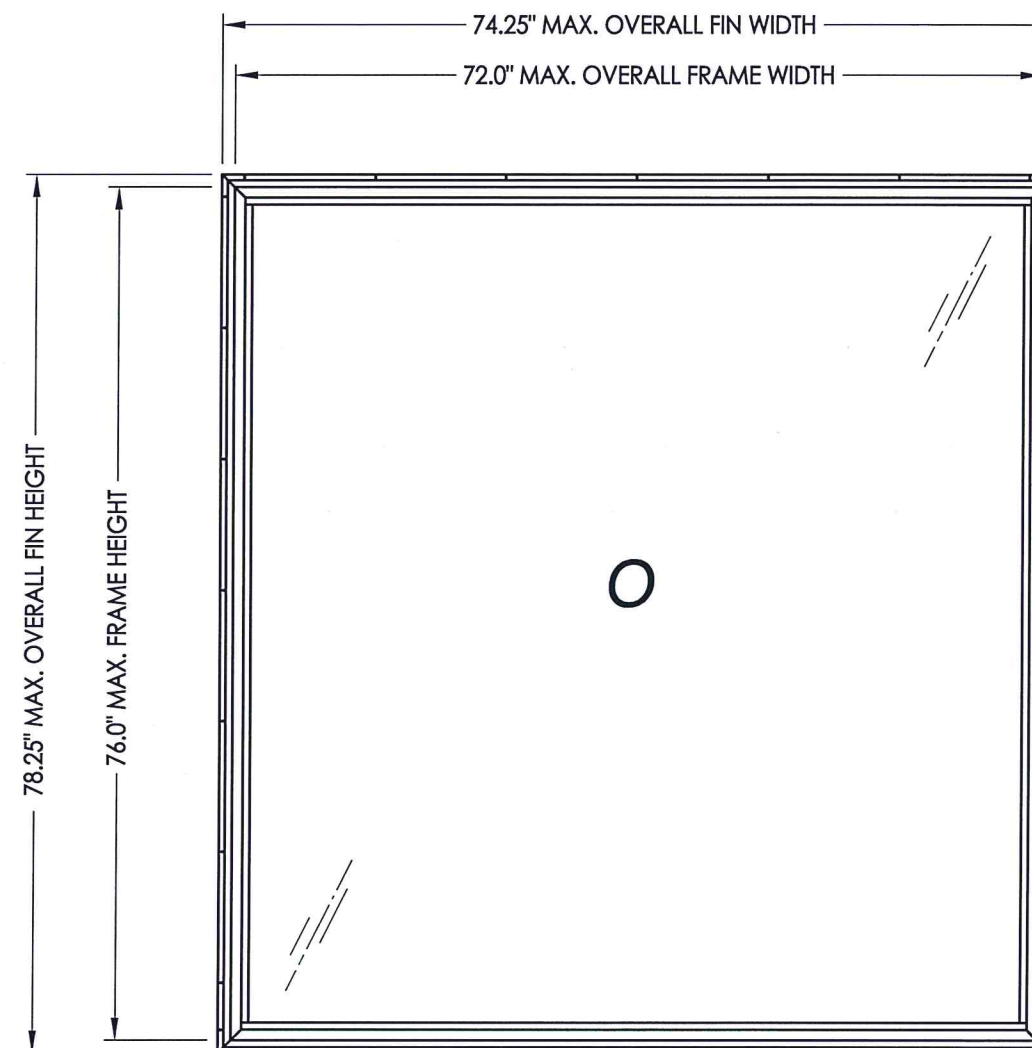


GENERAL NOTES

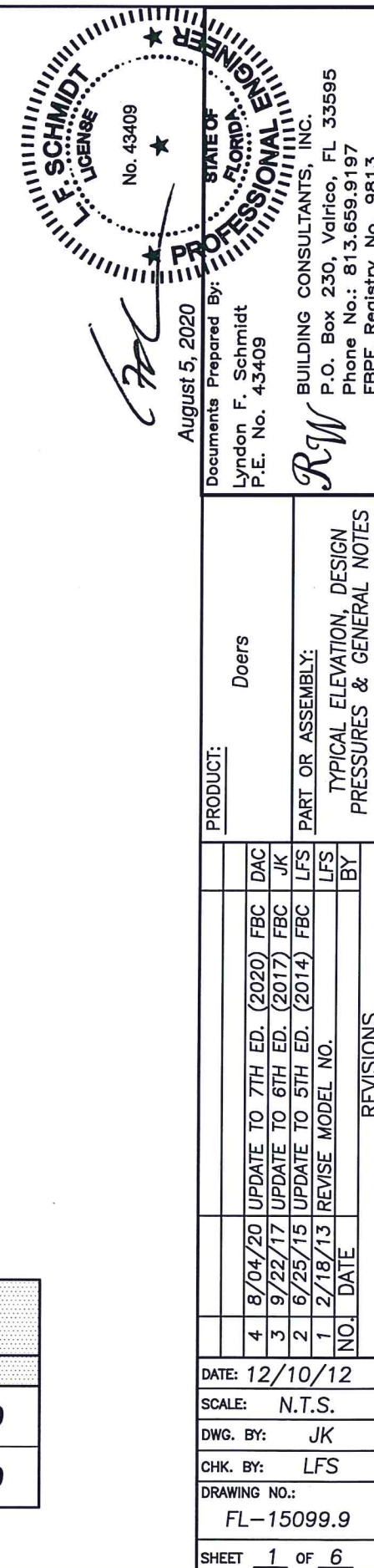
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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	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 FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
39.25" X 74.25"	37.0" X 72.0"	33.875" X 68.875"	G1	+70.0	-70.0
74.25" X 78.25"	72.0" X 76.0"	68.875" X 72.875"	G2	+60.0	-60.0

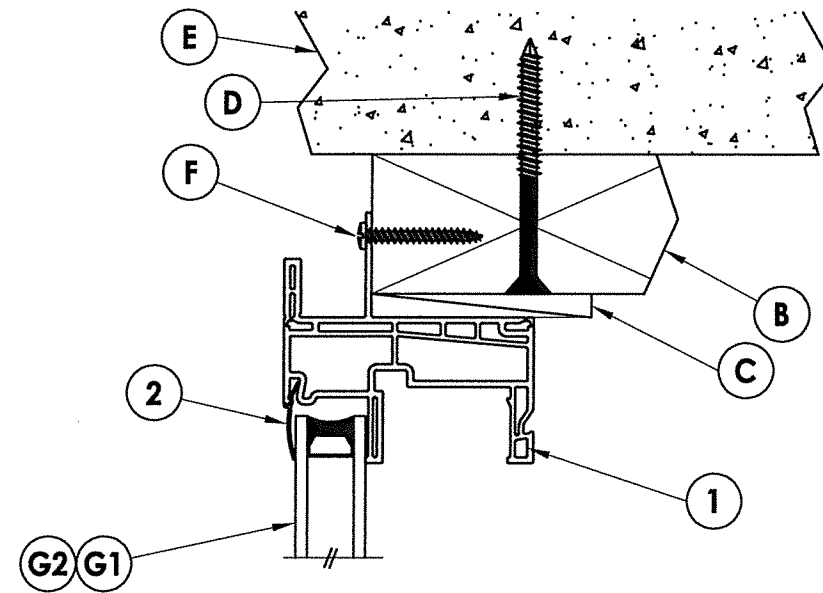
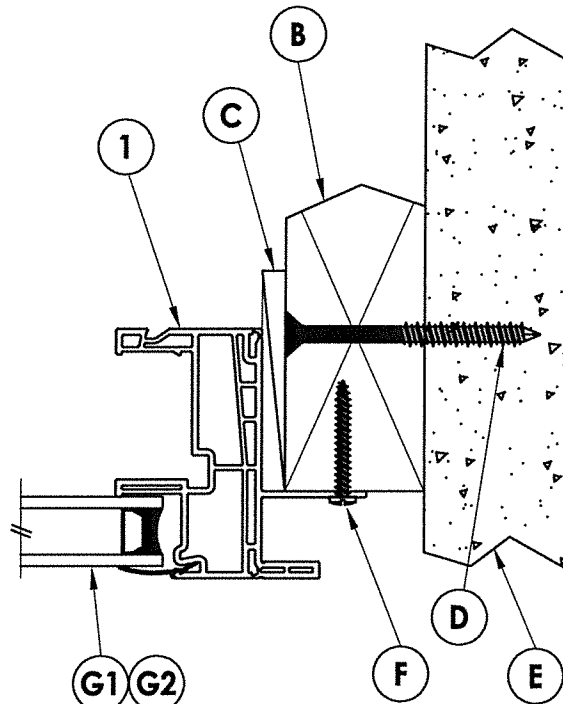


A diagram of a square room with a central point labeled O . Four sets of numbers in circles are positioned at the corners, with arrows pointing to the corners:

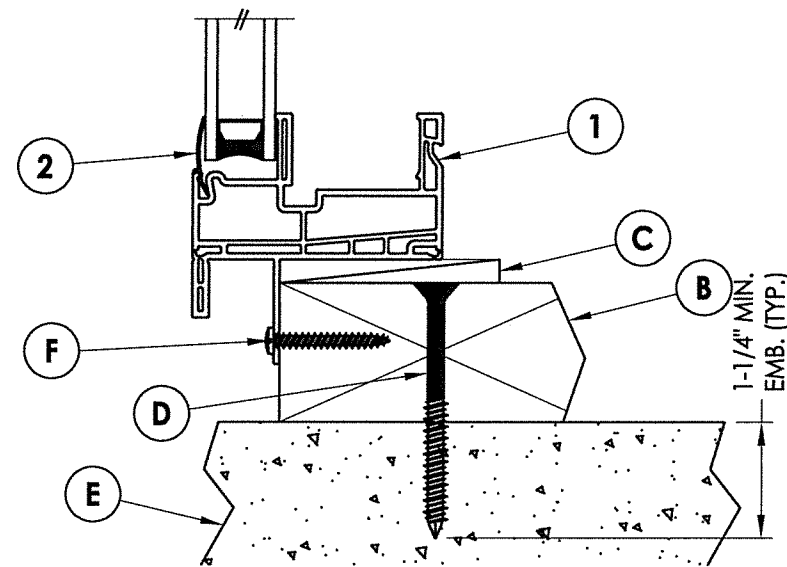
- Top: A circle containing $\frac{3}{3}$ with an arrow pointing to the top center.
- Bottom: Two circles containing $\frac{2}{2}$ and $\frac{2}{3}$ with an arrow pointing to the bottom center.
- Left: Two circles containing $\frac{1}{2}$ and $\frac{1}{3}$ with an arrow pointing to the left center.
- Right: A circle containing $\frac{1}{2}$ with an arrow pointing to the right center.

EXTERIOR

G1 G2



INTERIOR



EMB. (TYP.)

SHEET 2 OF 6

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		

NO 7TH ED. (
NO 6TH ED. (
NO 5TH ED. (
DEL NO.
REVISIONS

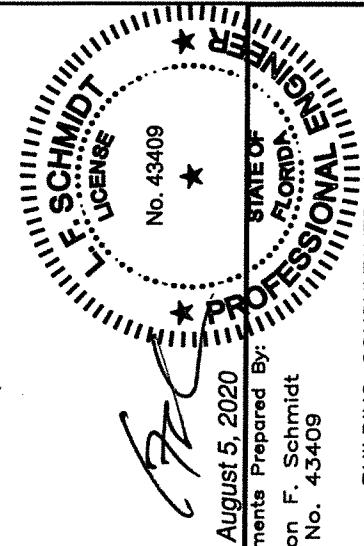
PRODUCT:	Doers
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS

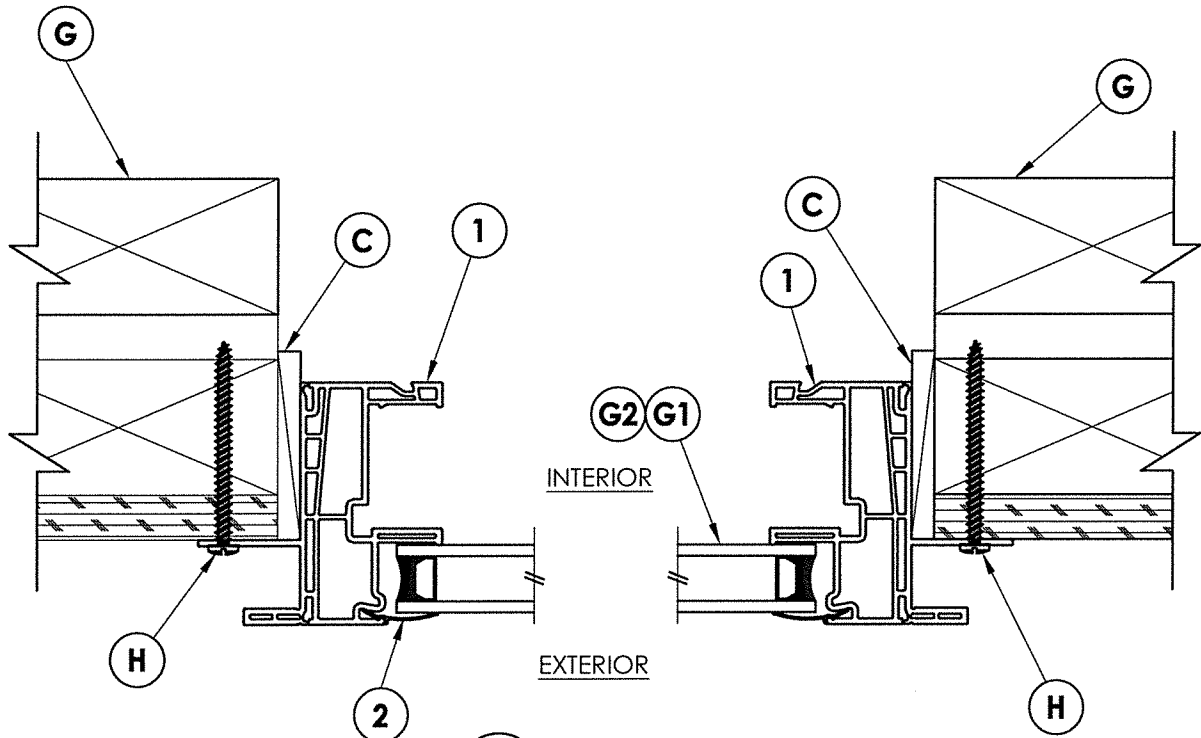
PRODUCT: Doers

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

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

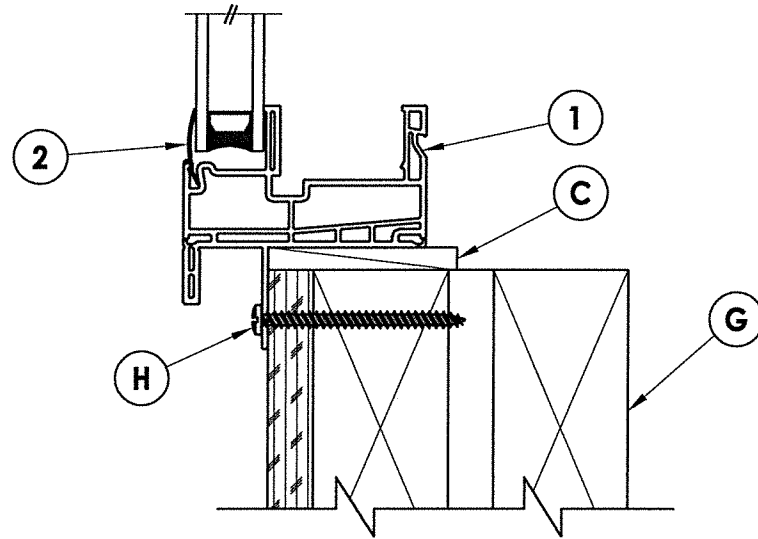
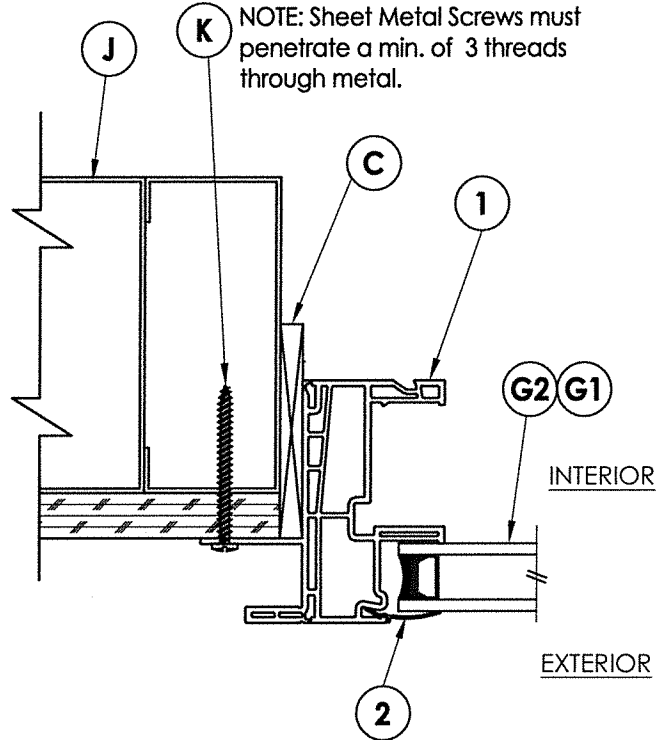
© 2012 R.W. BUILDING CONSULTANTS INC.



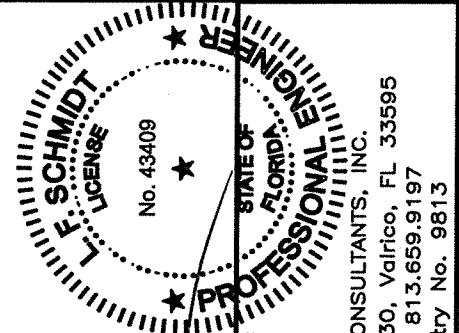
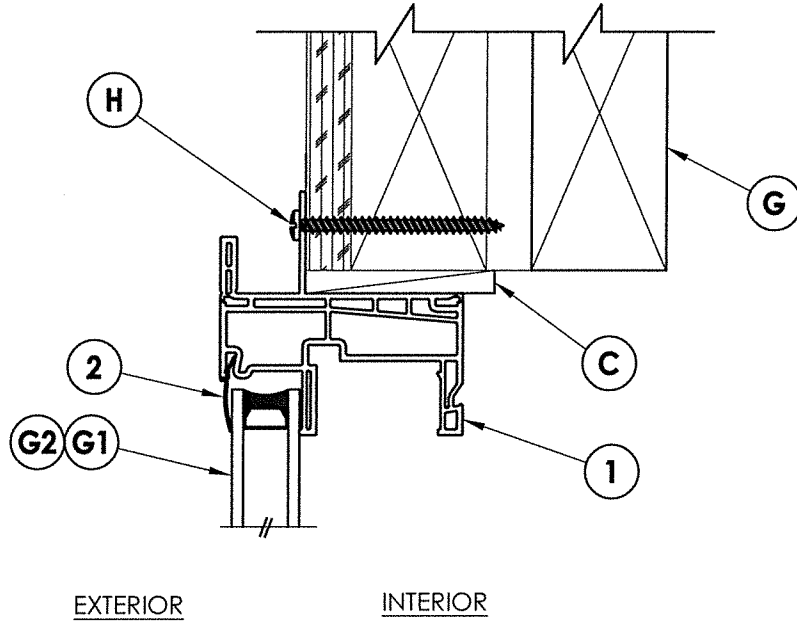


1
3 **HORIZONTAL CROSS SECTION**
Stud Construction

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



2
3 **VERTICAL CROSS SECTION**
Stud Construction

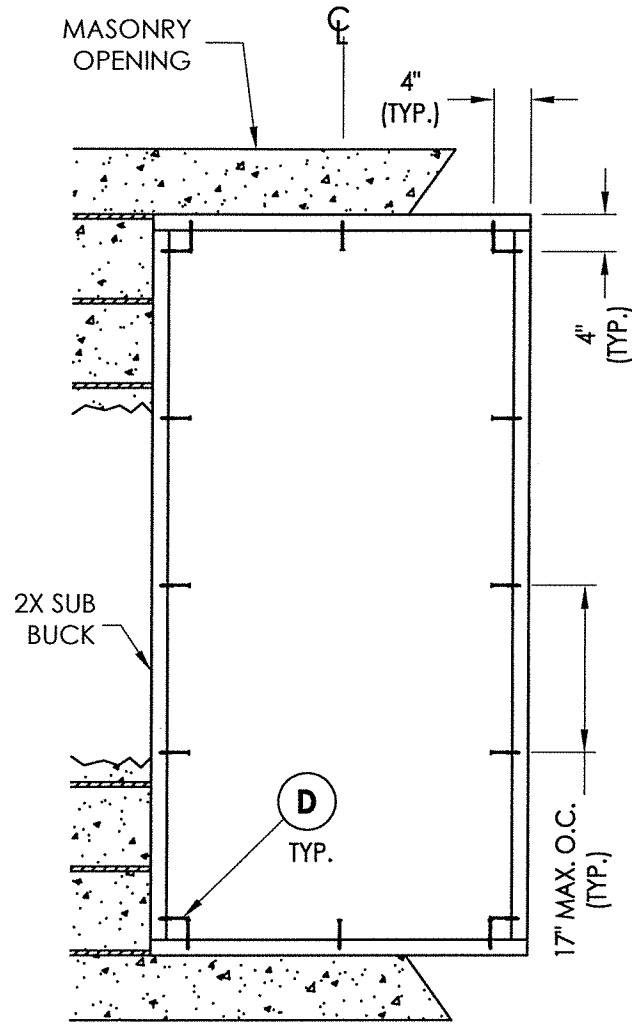


August 5, 2020
Documents Prepared By:
Lyndon F. Schmidt
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R.W. BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

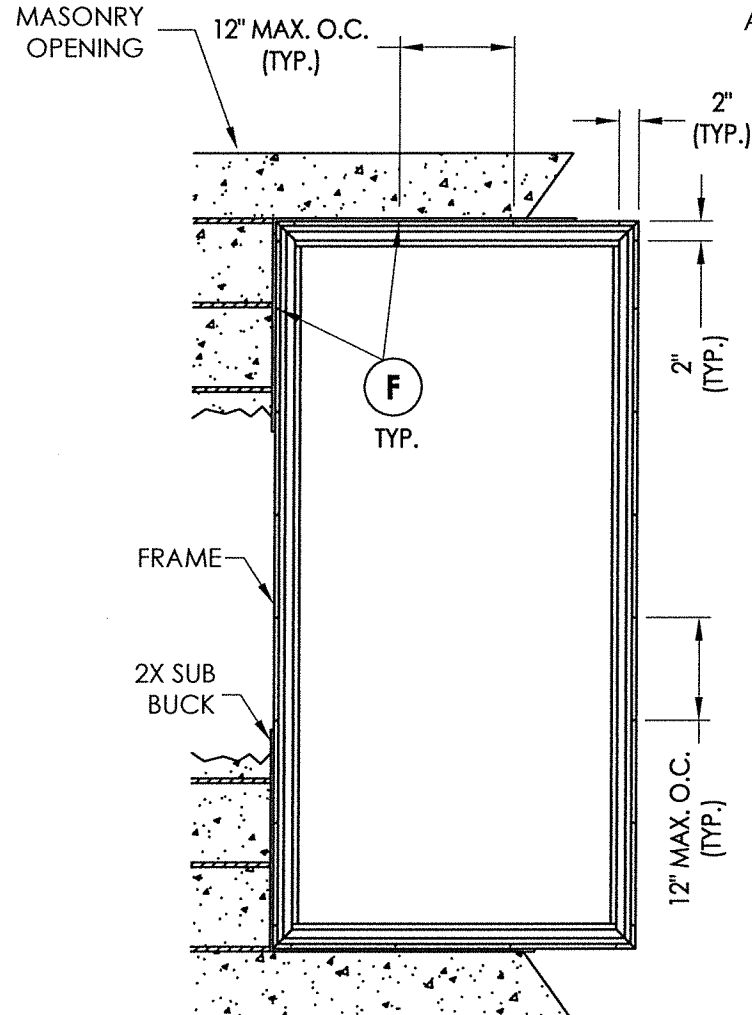
PRODUCT:		Doors	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
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3	9/22/17	UPDATE TO 6TH ED. (2017) FBC	JK
2	6/25/15	UPDATE TO 5TH ED. (2014) FBC	LFS
1	2/18/13	REVISE MODEL NO.	LFS

DATE: 12/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15099.9
SHEET 3 OF 6

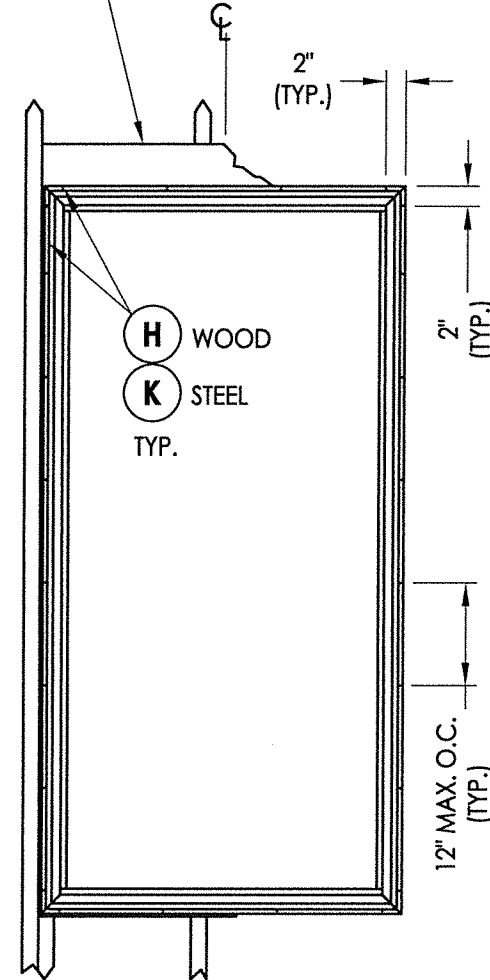
\\dc01\wbc\Clients\Doers PERMANENT\VA - Florida Product Approvals\FL-15099 Windows - Fixed\C - Drawings\FL-15099 (2020)\FL-15099.9-10.dwg



BUCK ANCHORING



FRAME ANCHORING
2X Buck Masonry
Construction



FRAME ANCHORING
Stud Construction

2X FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED.

37" X 72" MAX. OVERALL FRAME DIMENSION

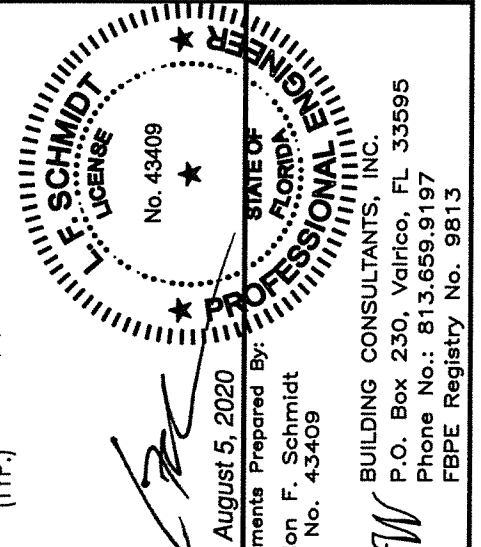
CONCRETE ANCHOR NOTES:

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"
DeWALT 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.

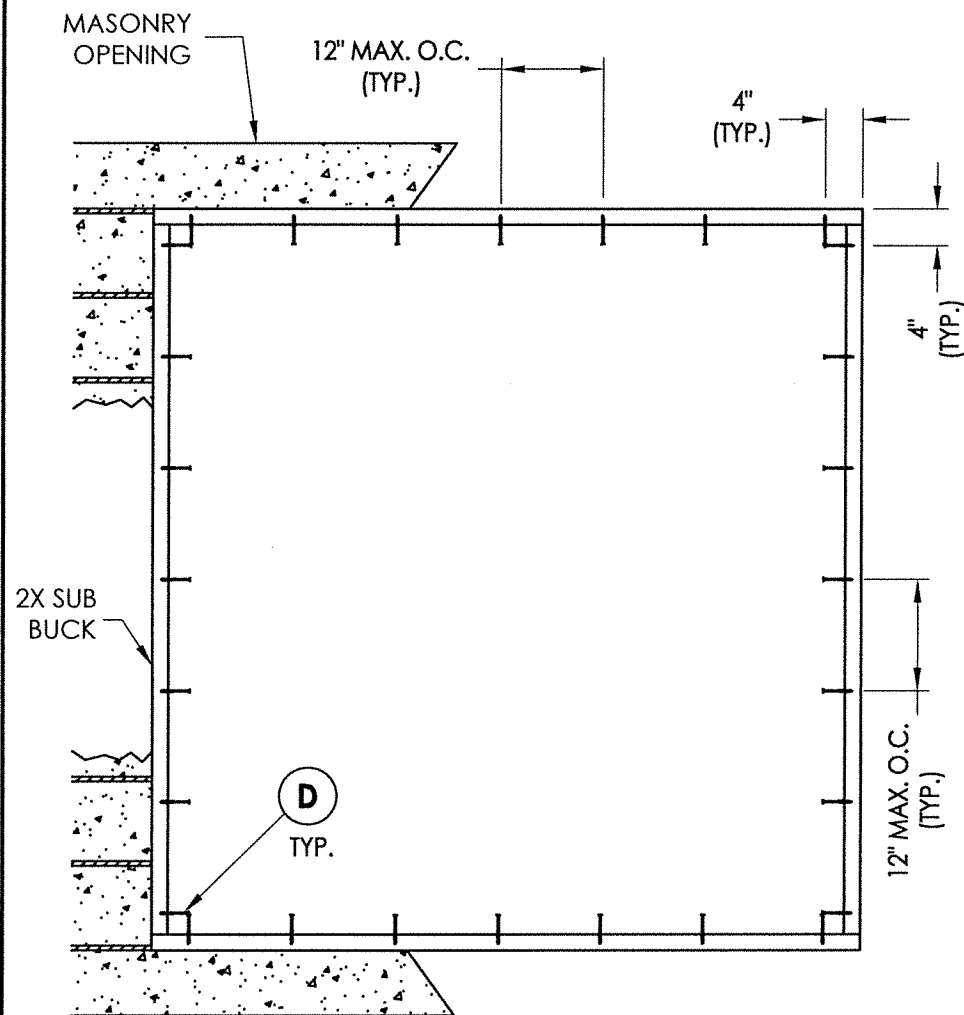


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Documents Prepared By:
Lyndon F. Schmidt
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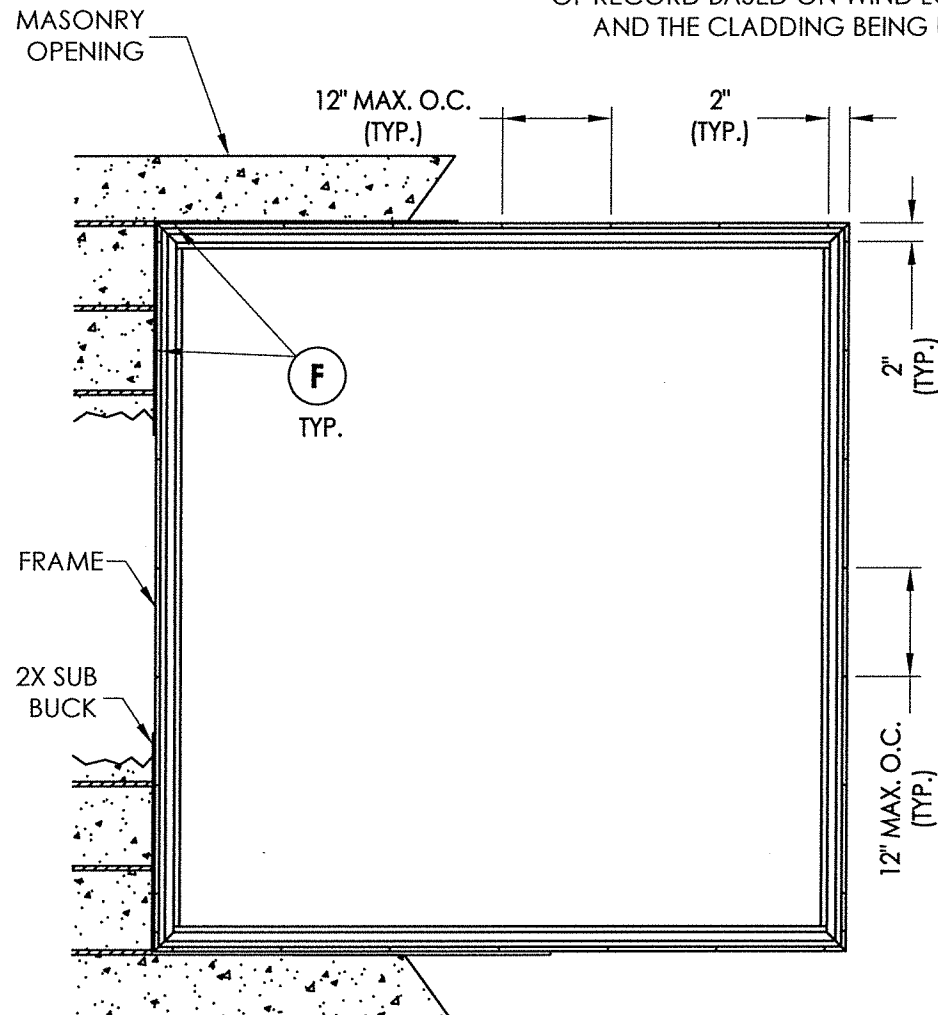
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		Doers	
PART OR ASSEMBLY:		BUCK & FRAME ANCHORING	
REVISIONS			
NO.	DATE	BY	
4	8/04/20	DAC	UPDATE TO 7TH ED. (2020) FBC
3	9/22/17	JK	UPDATE TO 6TH ED. (2017) FBC
2	6/25/15	LFS	UPDATE TO 5TH ED. (2014) FBC
1	2/18/13	LFS	REVISE MODEL NO.
DATE: 12/10/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15099.9			
SHEET 4 OF 6			

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

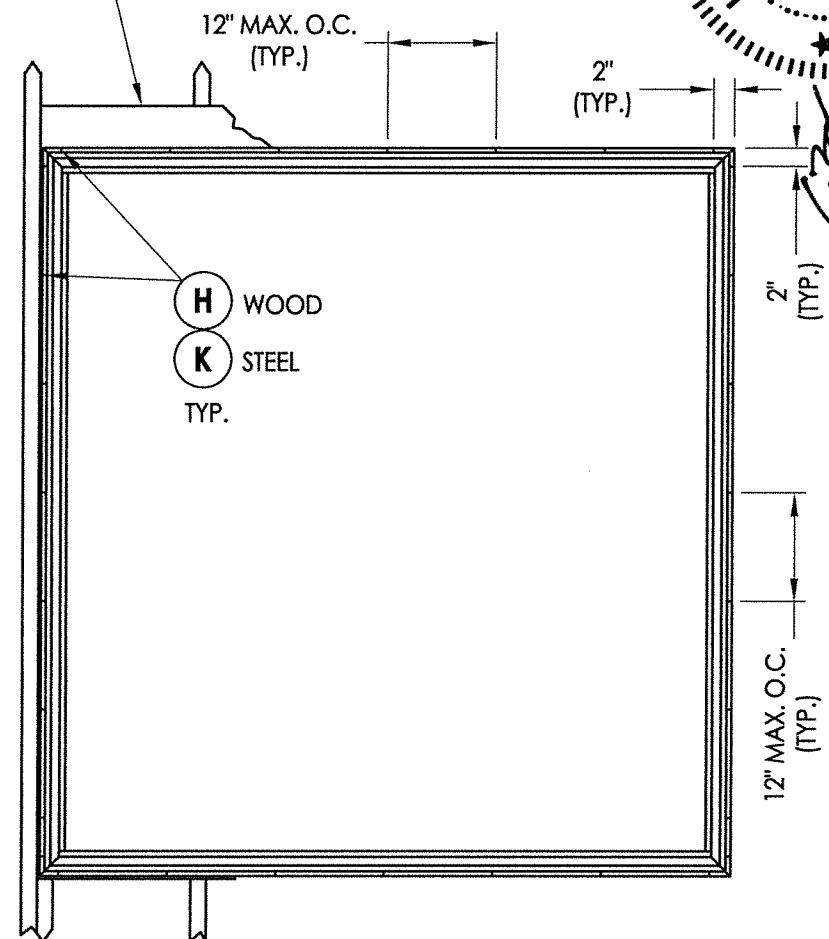


BUCK ANCHORING



FRAME ANCHORING
2X Buck Masonry
Construction

2X FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED.



FRAME ANCHORING
Stud Construction

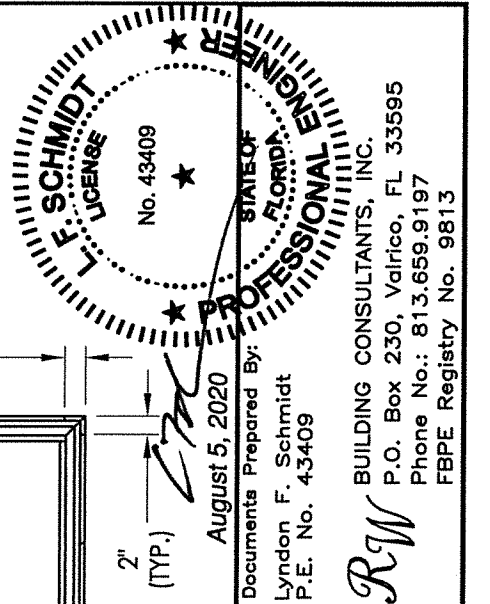
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FBPE Registry No. 9813

PRODUCT: Doers

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
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

DATE: 12/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

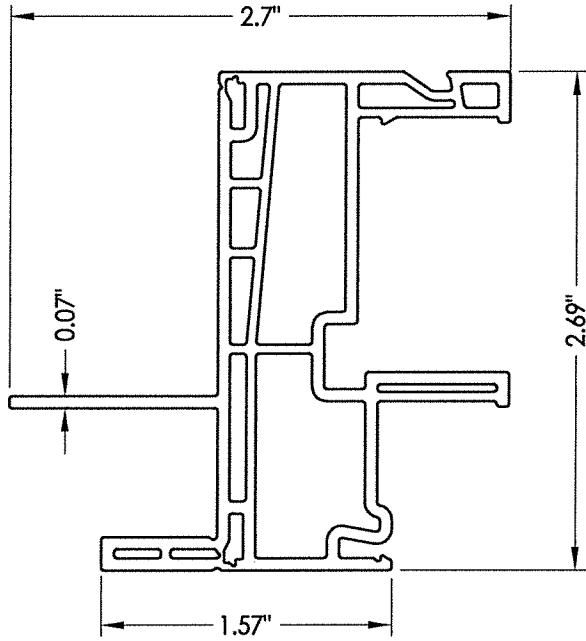
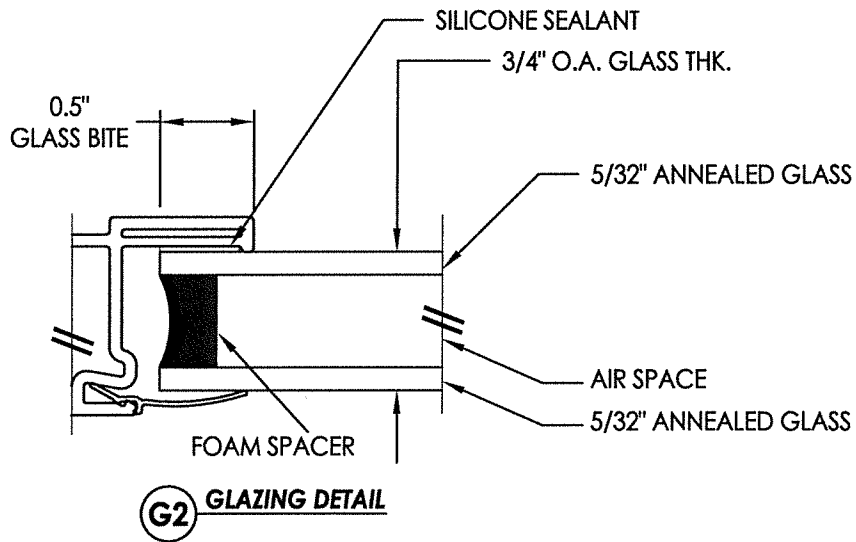
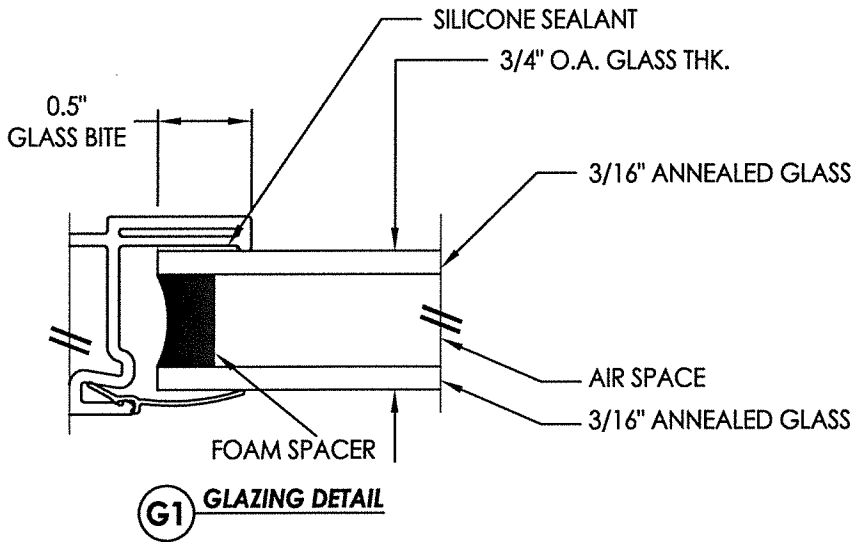
DRAWING NO.: FL-15099.9

SHEET 5 OF 6

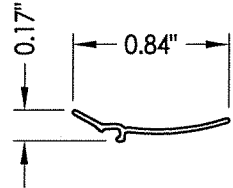
\\dc01\rbwc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15099 Windows - Fixed\C - Drawings\FL-15099 (2020)\FL-15099.9-10.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.42)	WOOD
C	1/8" 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 1-1/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.55)	WOOD
H	#8 X 1-3/4" PPH SMS (1-1/8" 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 *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
3	GLASS SETTING BLOCK	-

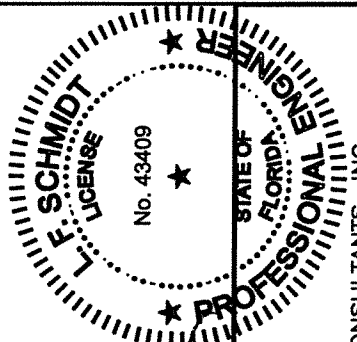
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



1 FRAME



2 GLAZING BEAD



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: Doers
PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAILS & COMPONENTS

NO.	DATE	REVISIONS
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
		BY

DATE: 12/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15099.9
SHEET 6 OF 6