

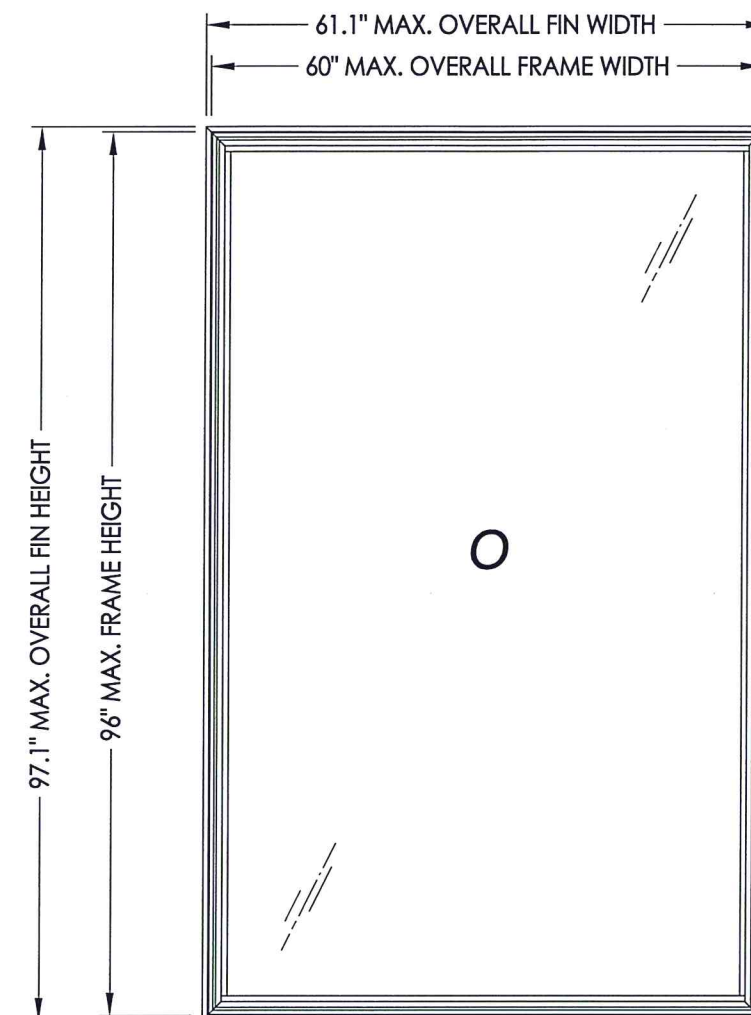


**9600 Fixed Window
w/ Flange
"NON-IMPACT"**

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. 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.

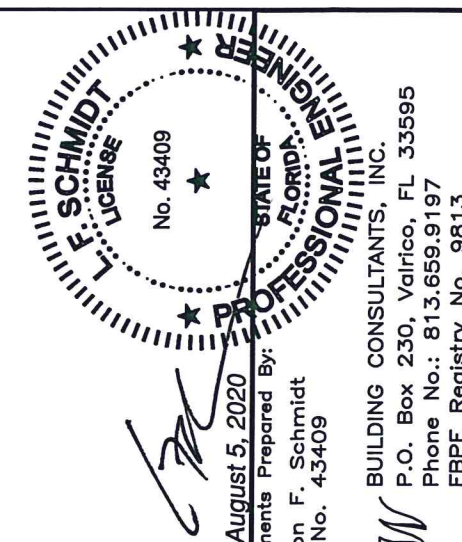
TABLE OF CONTENTS	
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1	Typical elevations, design pressures & general notes
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3	Horizontal cross sections
4	Buck anchoring
5	Frame anchoring
6	Bill of materials, components & glazing details



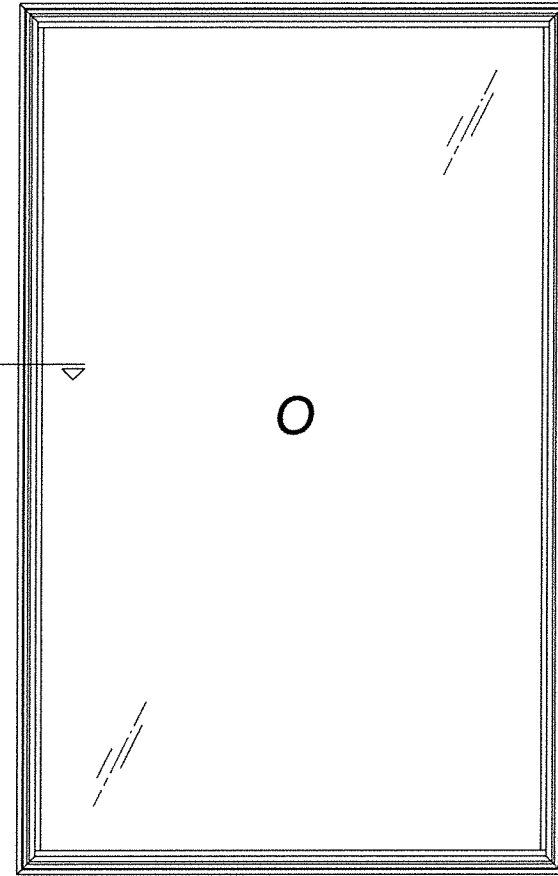
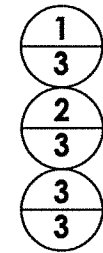
60" x 96" Frame Shown

NOTE: VERTICAL ORIENTATION SHOWN (HORIZONTAL ORIENTATION ALSO APPROVED)

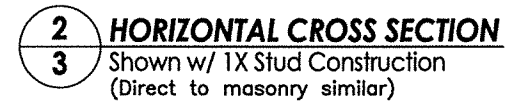
MAX. OVERALL FLANGE DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
49.1" X 49.1"	48.0" X 48.0"	43.75" X 43.75"	G1	+100.0	-100.0
61.1" X 42.1"	60.0" X 41.0"	55.75" X 36.75"	G1	+100.0	-100.0
73.1" X 73.1"	72.0" X 72.0"	67.75" X 67.75"	G2	+80.0	-80.0
61.1" X 97.1"	60.0" X 96.0"	55.75" X 91.75"	G3	+80.0	-80.0

[illegible]

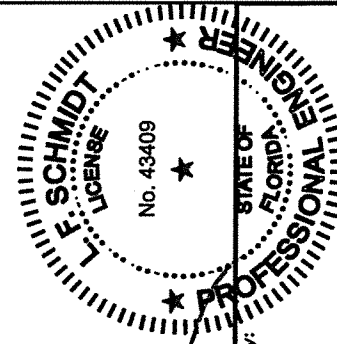
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MAX. DESIGN PRESSURE FOR ALTERNATE
ANCHORING LOCATION SHOWN ON THIS SHEET



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

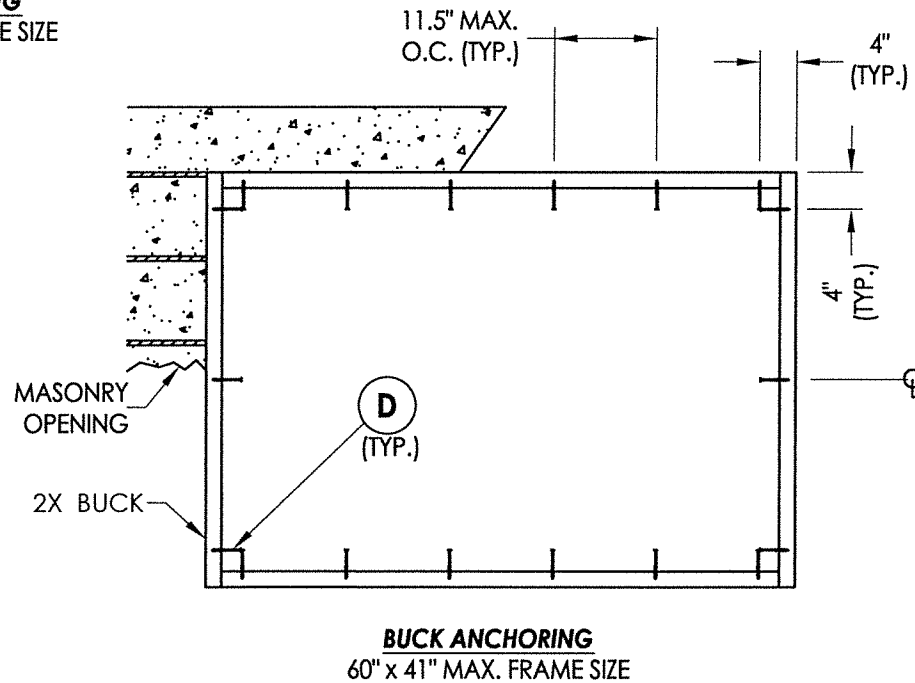
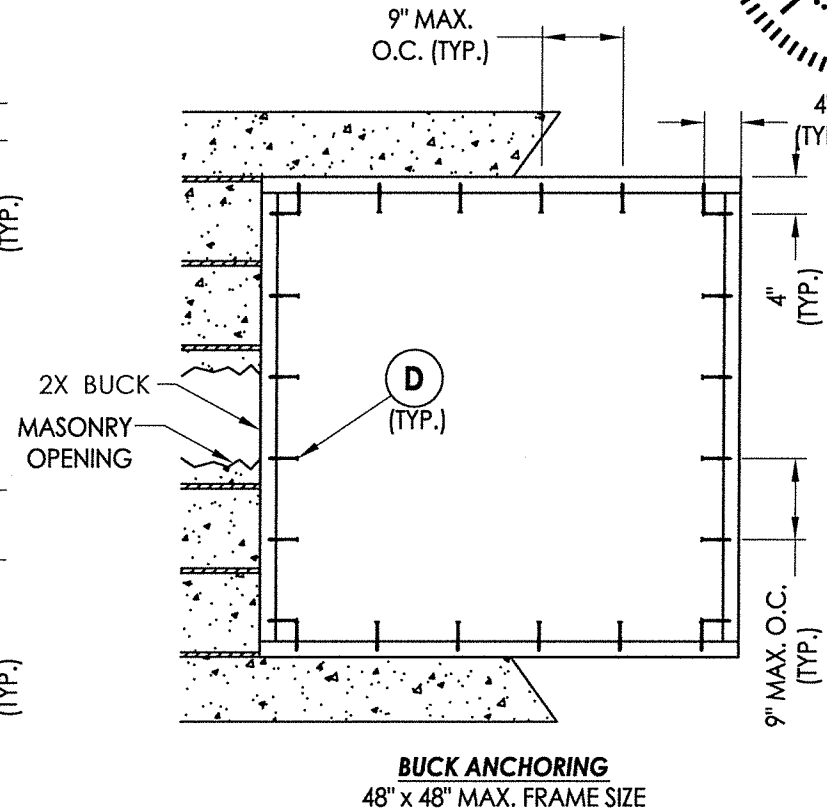
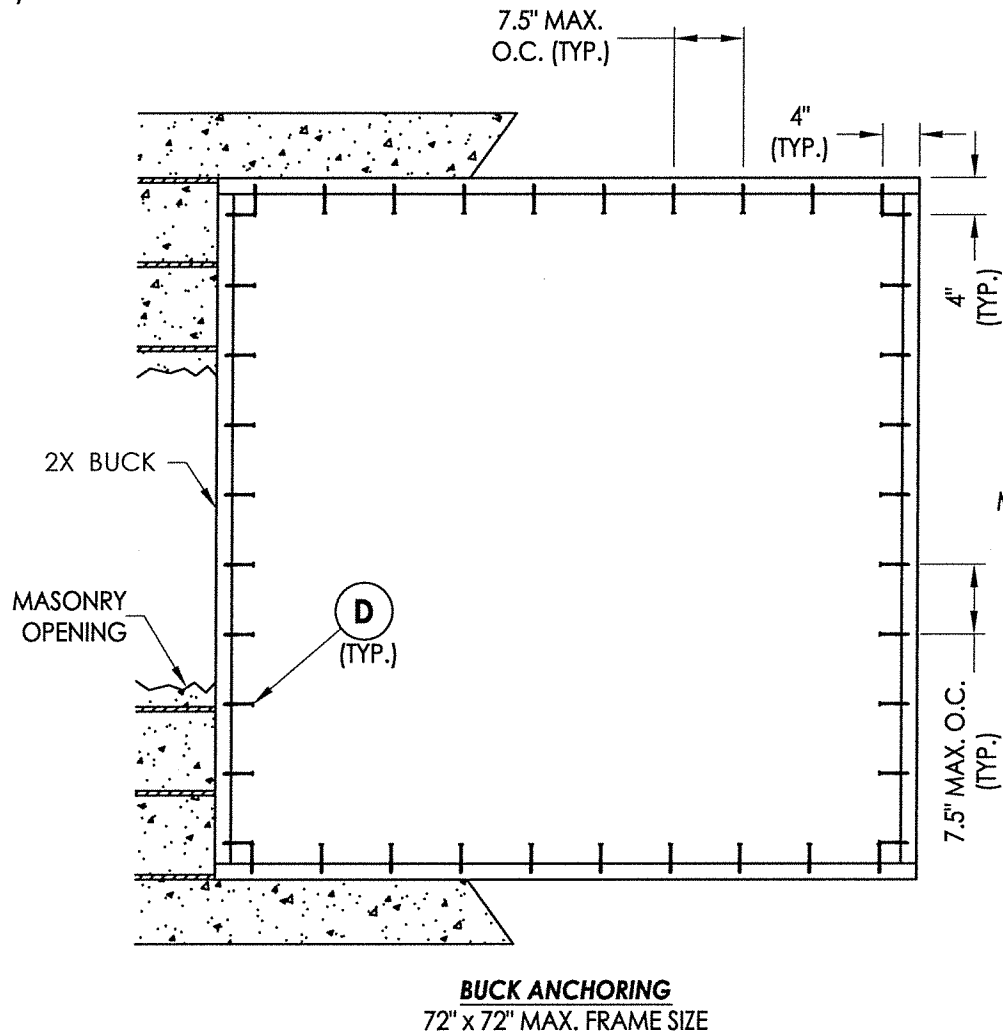
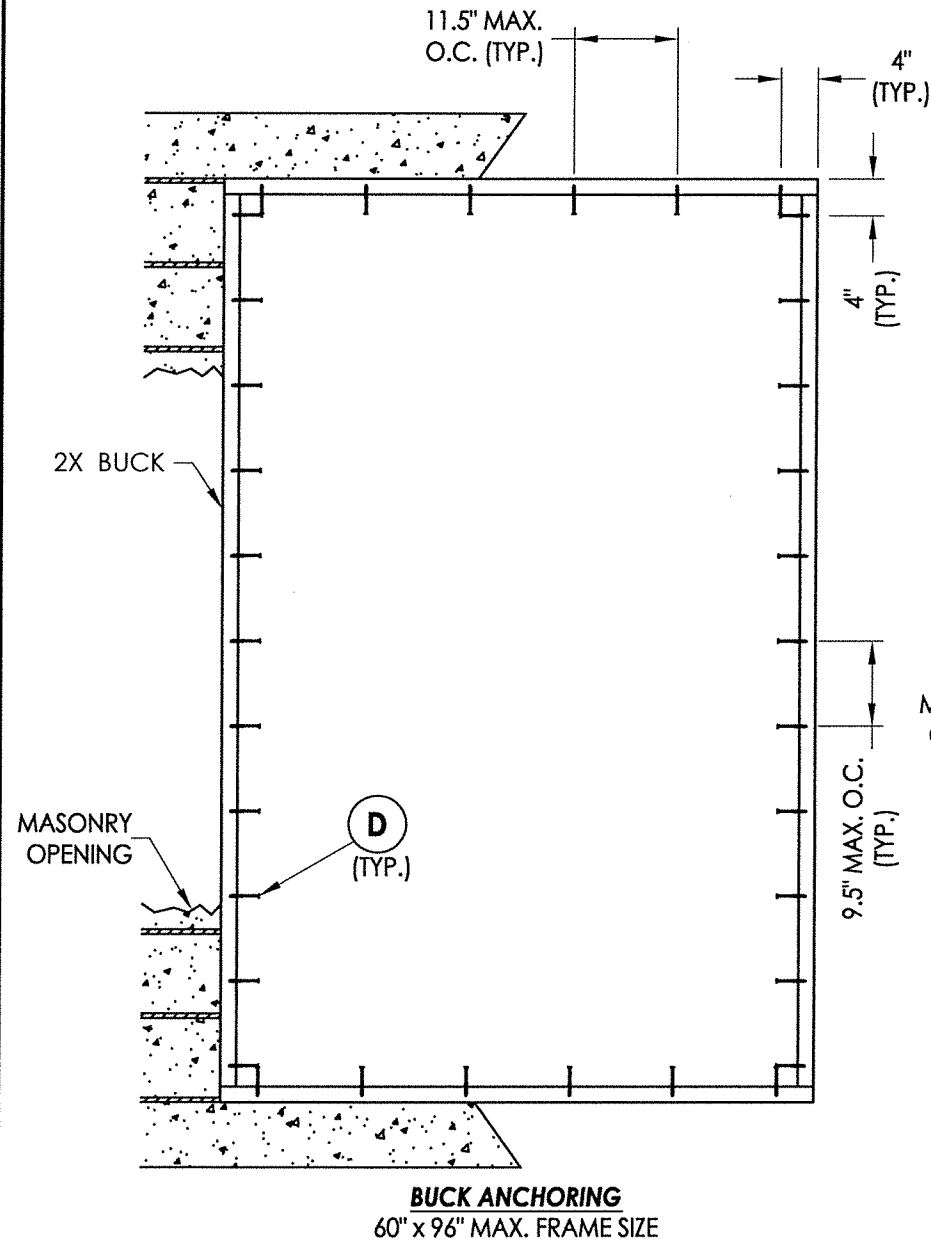


August 5, 2020
Documents Prepared E
Lyndon F. Schmidt
P.E. No. 43409

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

DATE: 6/26/15		PRODUCT:		Doers
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15099.14		PART OR ASSEMBLY:		
SHEET 3 OF 6		HORIZONTAL CROSS SECTIONS		

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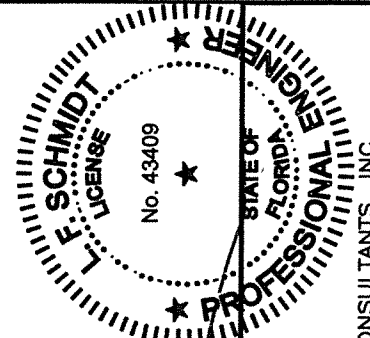
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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 ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

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



August 5, 2020
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 ANCHORING

NO.	DATE	REVISIONS
3	8/04/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
1	9/26/16	ADDED ALT. ANCHOR LOCATION LFS

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15099.14

SHEET 4 OF 6

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 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.

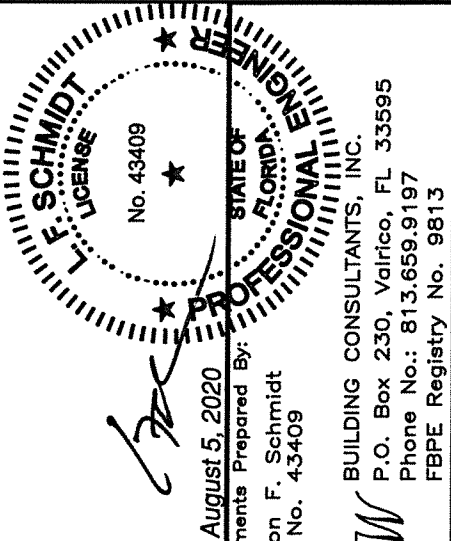
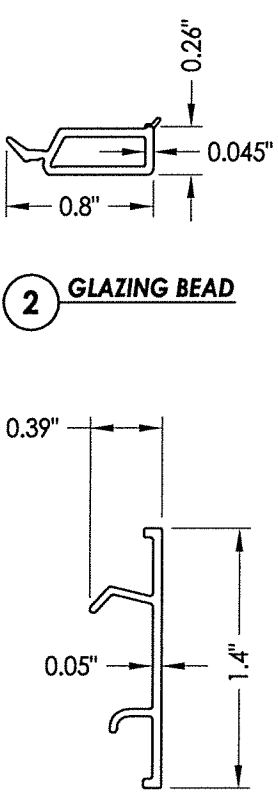
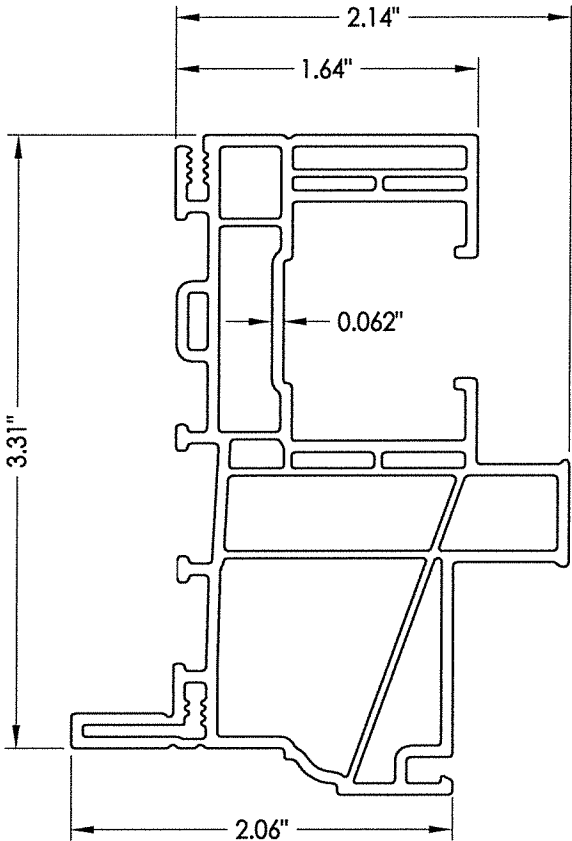
DATE: 6/26/15		PRODUCT: Doers	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK		FRAME ANCHORING	
CHK. BY: LFS			
DRAWING NO.: FL-15099.14			
SHEET 5 OF 6			

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\\dc01\rbwc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15099 Windows - Fixed\A - Drawings\FL-15099 (2020)\FL-15099.14.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	#10 X 2" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 2-3/4" HWH 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
L	#10 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL FRAME (437)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
12	FRAME ADAPTER	RIGID PVC

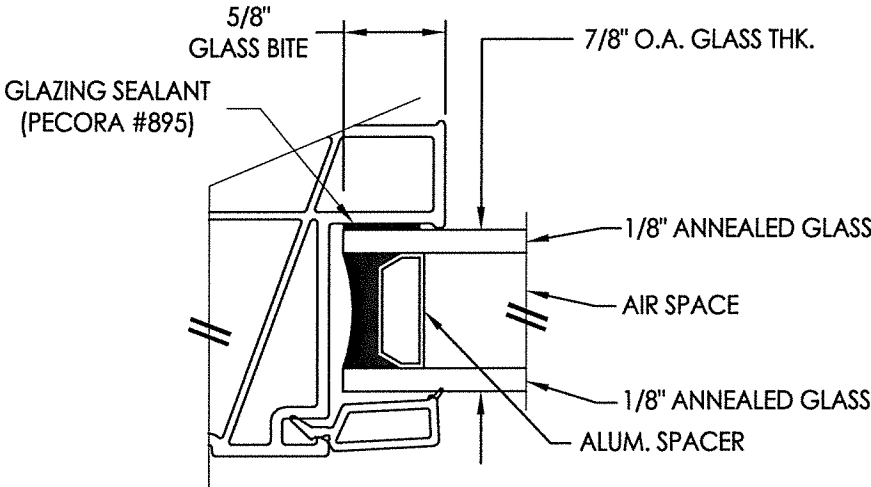
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



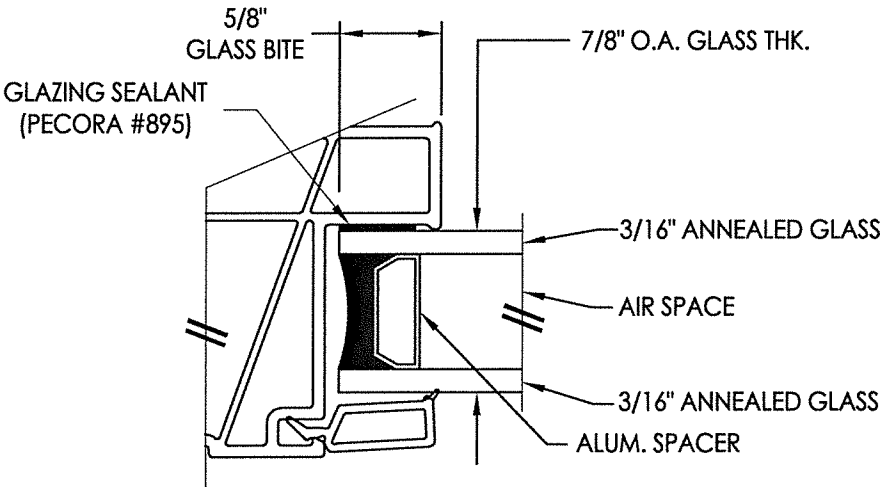
PRODUCT:	Doers
PART OR ASSEMBLY:	BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS

REVISIONS	
NO.	DATE
3	8/04/20
2	9/22/17
1	9/26/16

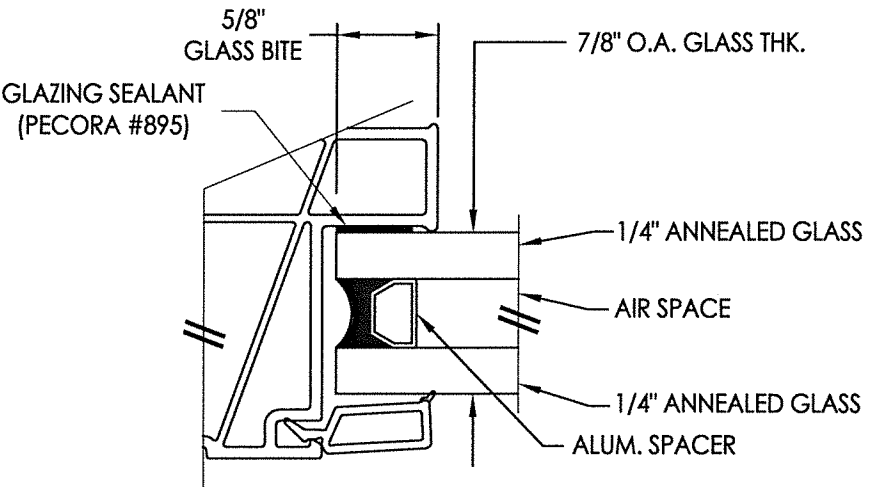
DATE:	6/26/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15099.14
SHEET	6 OF 6



G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL