

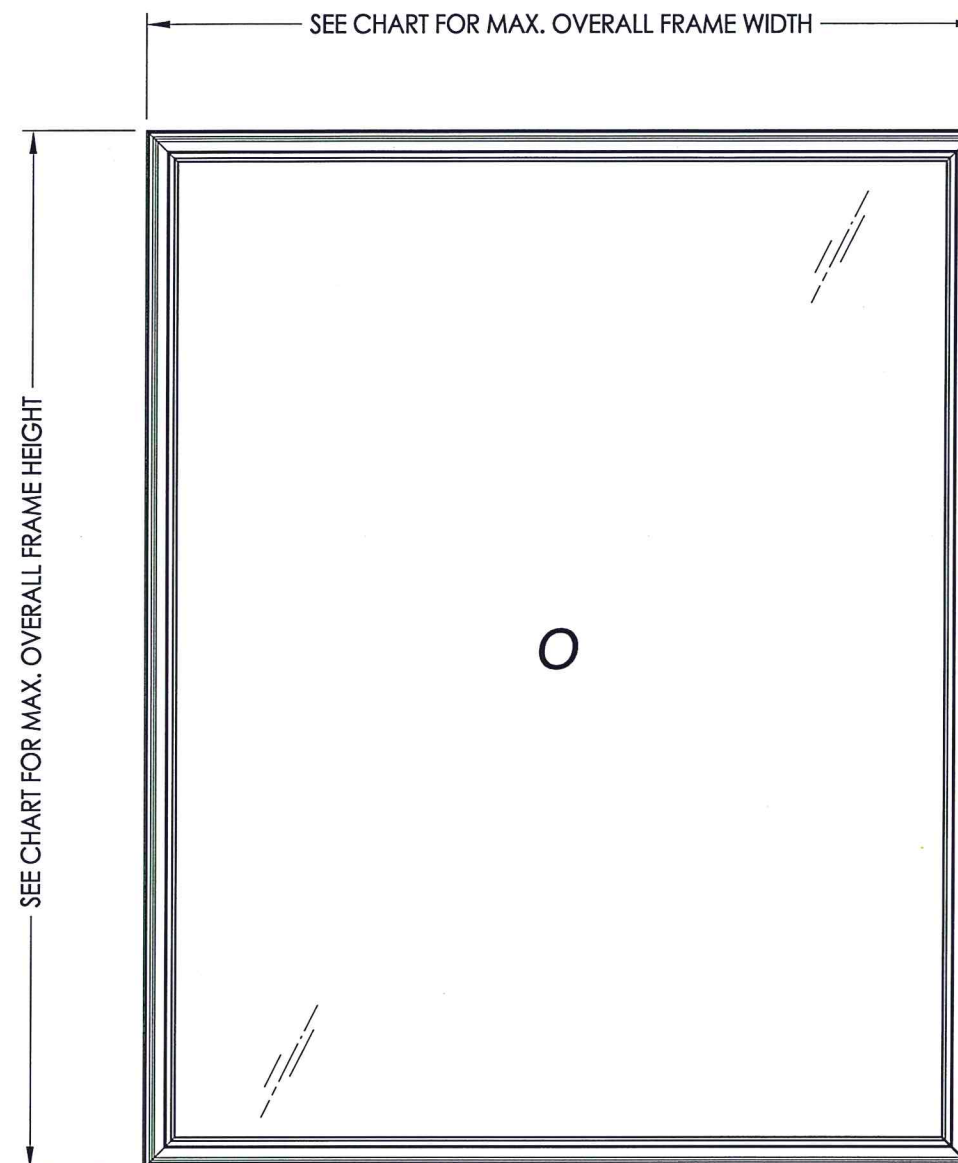


**"Sunrise" Series
Fixed Casement Window
"NON-IMPACT"**

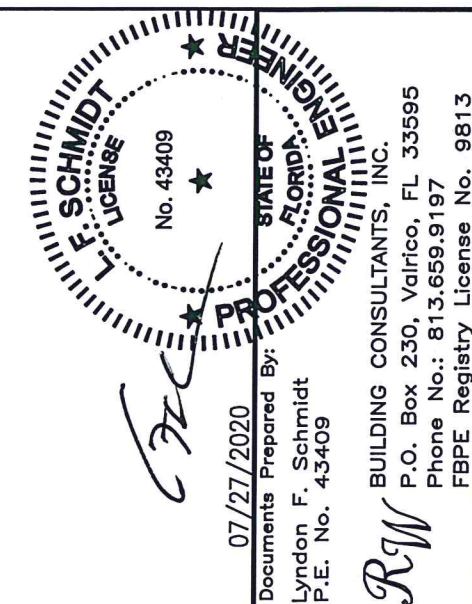
GENERAL NOTES

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.

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SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Buck & frame anchoring
4	Buck & frame anchoring
5	Bill of materials, components & glazing details

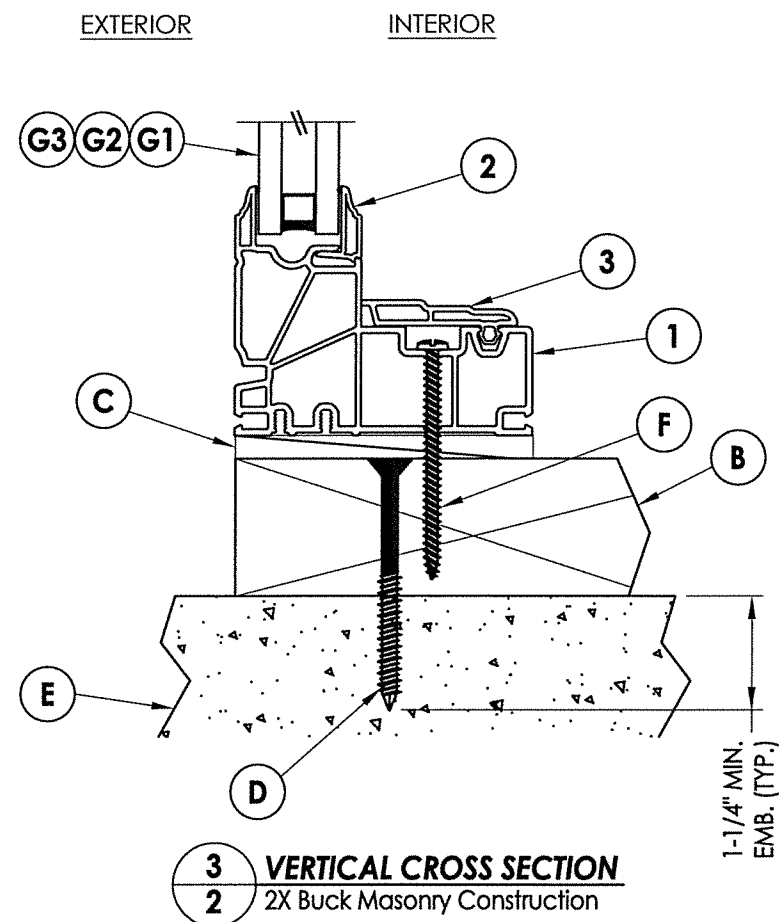
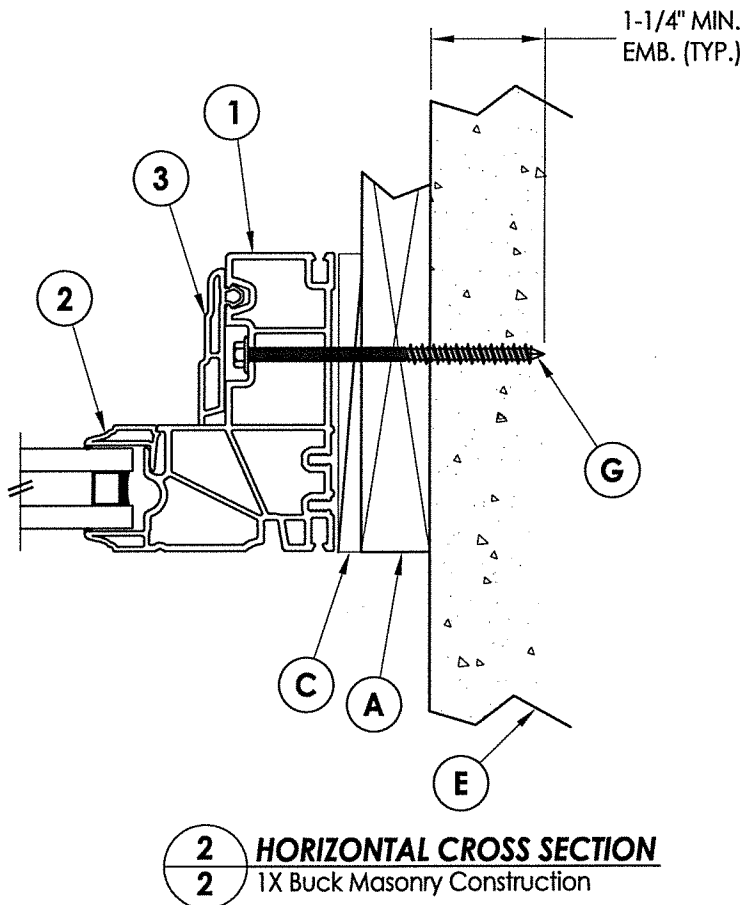
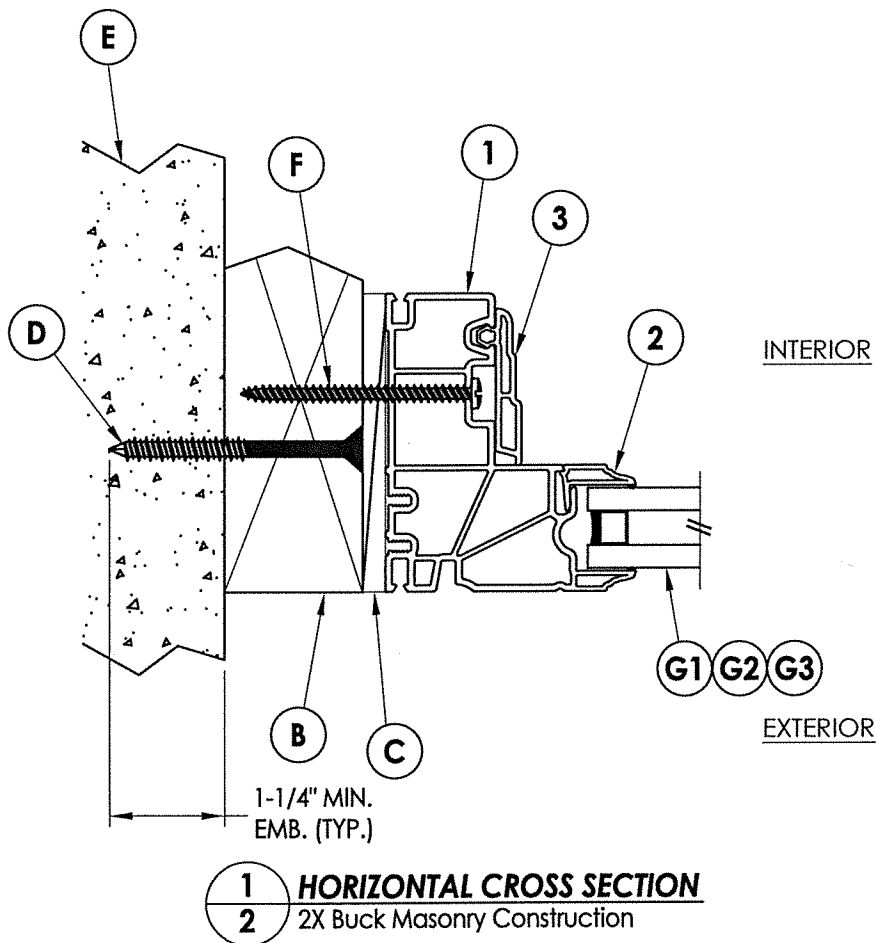
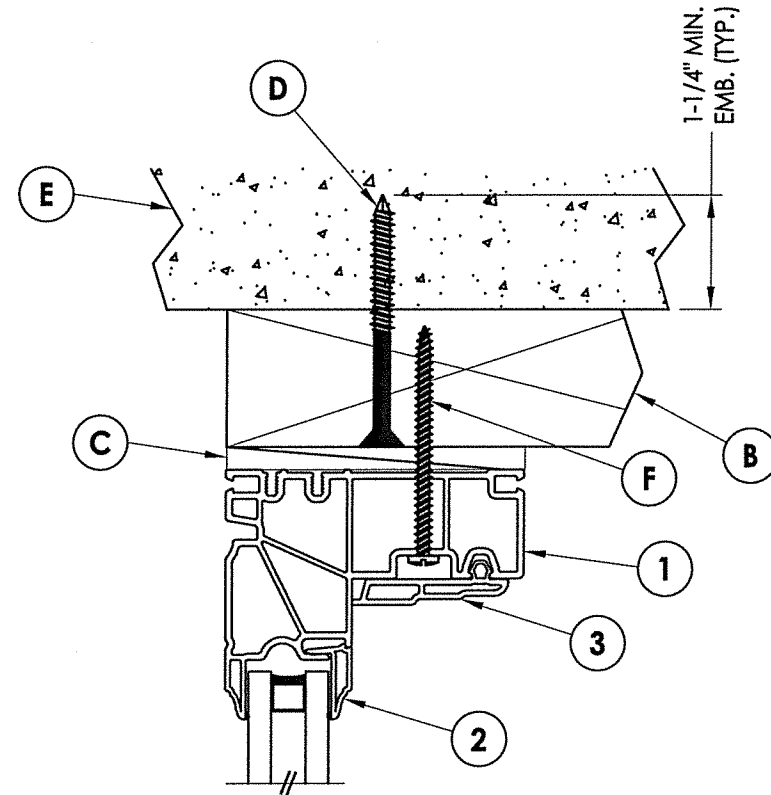
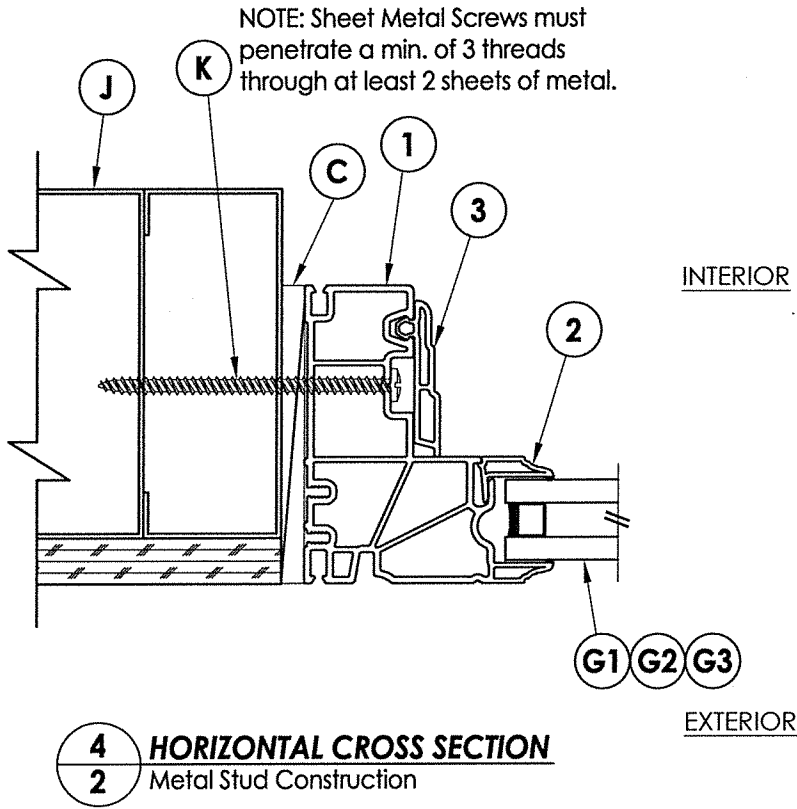
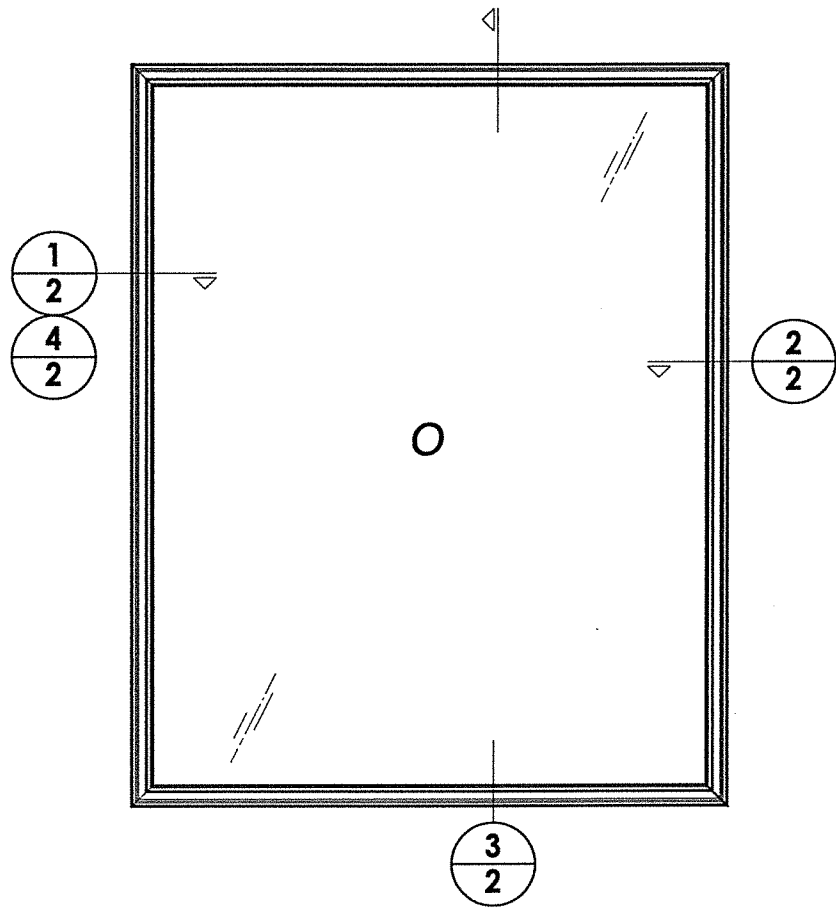


MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
59" X 63"	53.5" x 57.5"	G1	+50.0	-60.0
72" X 90"	66.5" x 84.5"	G2	+65.0	-75.0
107" X 65"	101.5" x 59.5"	G3	+70.0	-75.0



DATE: 10/7/19		PRODUCT: FIXED WINDOW	
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26908.12			
SHEET 1 OF 5			
		PART OR ASSEMBLY:	
		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		REVISIONS	
		BY	
		LFS	
		DAC	
		UPDATE TO 7th ED (2020) FBC	
		ADDED NEW FRAME SIZES	
		NO. DATE	
		1 7/27/20	
		1 3/04/20	

\\dc01\rvbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-26908 - Fixed Window\C - Drawings\FL 26908 (2020)\FL-26908.12.dwg



Professional Engineer Seal: L. F. SCHMIDT, No. 43409, State of Florida.

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

DATE: 07/27/2020

PRODUCT: FIXED WINDOW

PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

REVISIONS			
NO.	DATE	BY	DESCRIPTION
2	7/27/20	DAC	UPDATE TO 7th ED (2020) FBC
1	3/04/20	LFS	ADDED NEW FRAME SIZES

DATE: 10/7/19

SCALE: N.T.S.

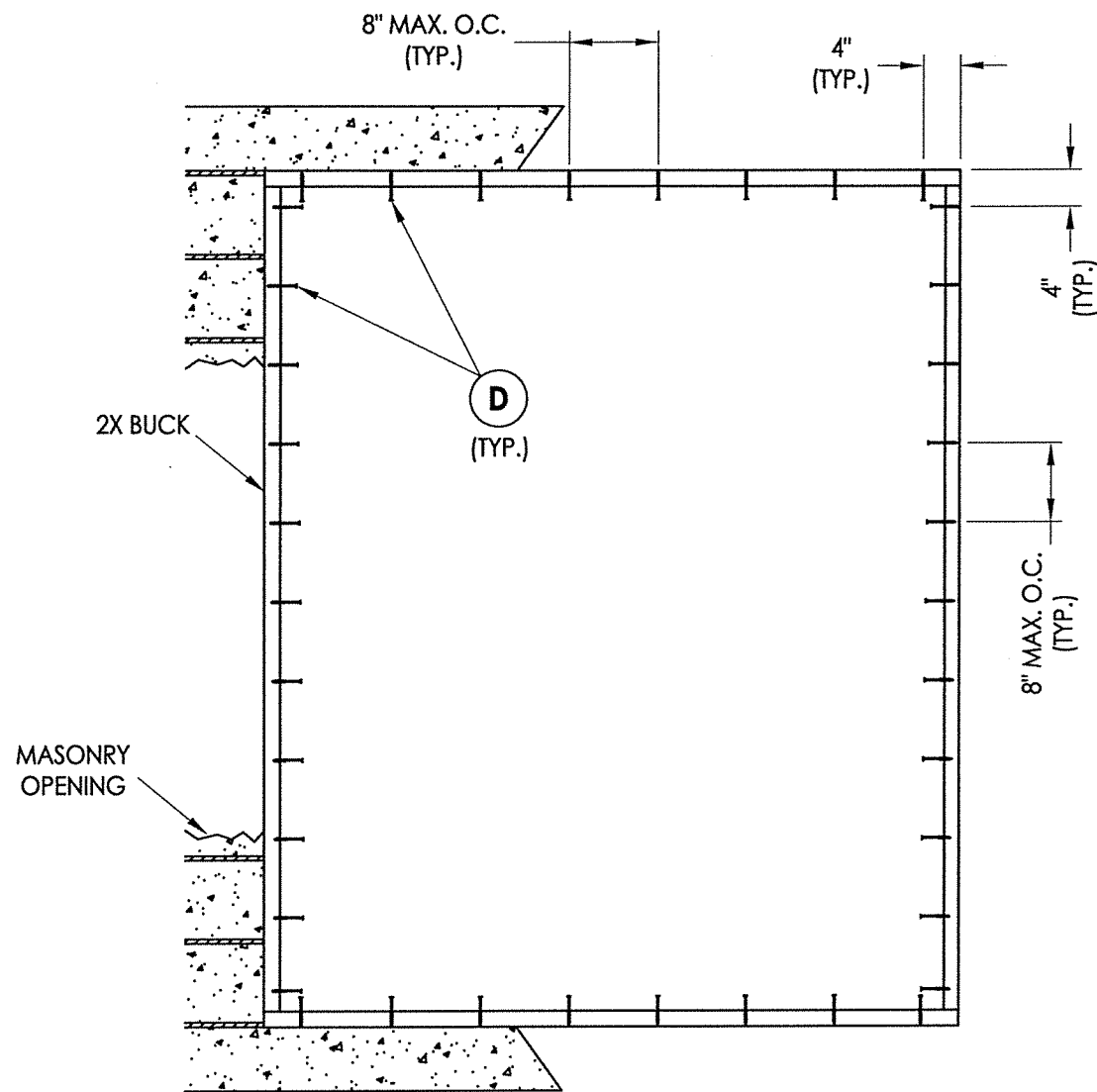
DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.: FL-26908.12

SHEET 2 OF 5

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BUCK ANCHORING

8" O.C. ANCHOR SPACING SHOWN FOR MAX. DESIGN PRESSURE = 75 PSF
(12" O.C. ANCHOR SPACING FOR MAX. DESIGN PRESSURE = 45 PSF)

CONCRETE ANCHOR NOTES:

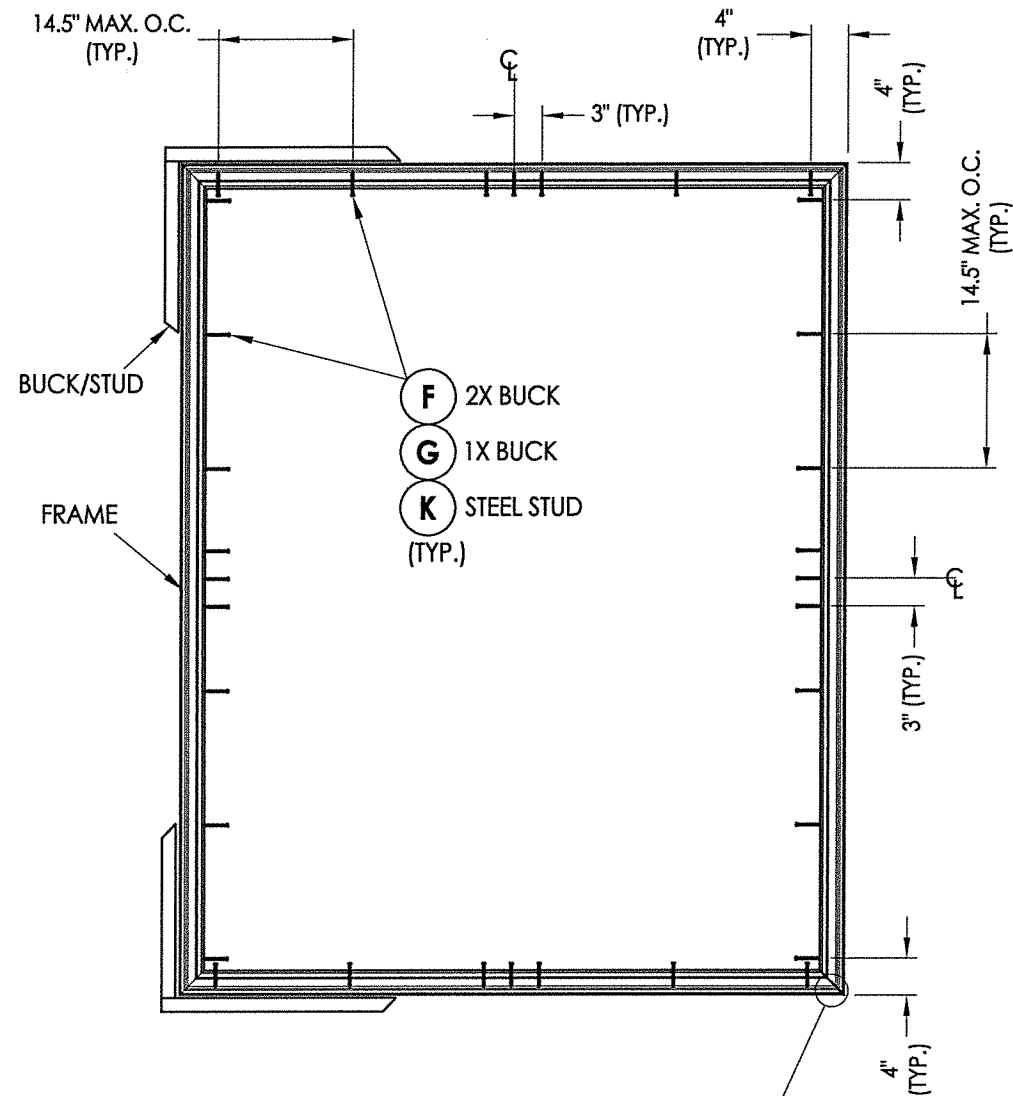
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"	2-1/2"	4"

WOOD SCREW INSTALLATION NOTES:

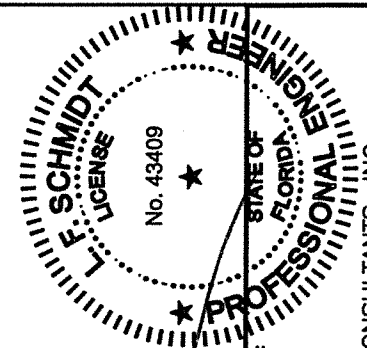
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

MAXIMUM FRAME SIZE = 72" X 90"



FRAME ANCHORING

NOTE: MAX. POSITIVE DESIGN PRESSURE WITH
WEEP HOLES AT EACH END = 40 PSF



07/27/2020

01/21/2020
Documents Prepared By:
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT: **FIXED WINDOW**

PART OR ASSEMBLY:

1	7/27/20	UPDATE TO 7th ED (2020)	FBC	DAC
1	3/04/20	ADDED NEW FRAME SIZES		LFS
NO.	DATE			BY
				REVISIONS

DATE: 10/7/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-26908.12

SHEET 3 OF 5

BUCK ANCHORING

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"	2-1/2"	4"

Technical drawing of a window frame showing dimensions and components. The drawing includes the following labels and dimensions:

- 14.5" MAX. O.C. (TYP.)**: Dimension for the maximum on-center spacing of the top frame members.
- 3" (TYP.)**: Dimension for the typical spacing of the top frame members.
- 4" (TYP.)**: Dimension for the typical spacing of the top frame members.
- 4" (TYP.)**: Dimension for the typical spacing of the top frame members.
- BUCK/STUD**: Label pointing to the vertical support member on the left side of the frame.
- 4" (TYP.)**: Dimension for the typical spacing of the vertical support members on the right side.
- 3" (TYP.)**: Dimension for the typical spacing of the vertical support members on the right side.
- 4" (TYP.)**: Dimension for the typical spacing of the vertical support members on the right side.
- 11" MAX. O.C. (TYP.)**: Dimension for the maximum on-center spacing of the vertical support members on the right side.
- FRAME ANCHORING**: Label pointing to the anchoring detail at the bottom right corner.

NOTE: MAX. POSITIVE DESIGN PRESSURE WITH
WEEP HOLES AT EACH END = 40 PSF

07/27/2020

01/21/2020
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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry License No. 9813

FIXED WINDOW

ASSEMBLY:

1	7/27/20	UPDATE TO 7th ED (2020)	FBC	DAC
1	3/04/20	ADDED NEW FRAME SIZES		LFS
NO.	DATE			BY
				REVISIONS

DATE: 10/7/19

SCALE: N.T.S.

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CHK. BY: LFS

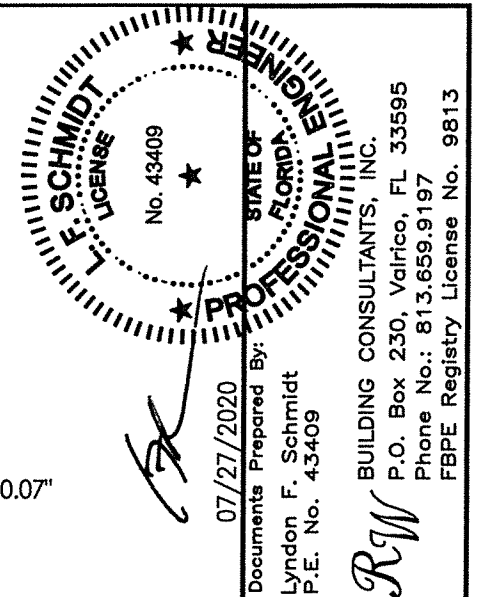
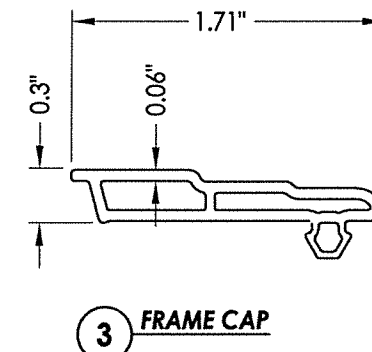
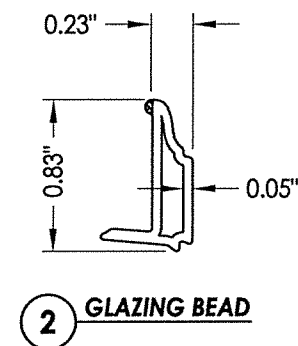
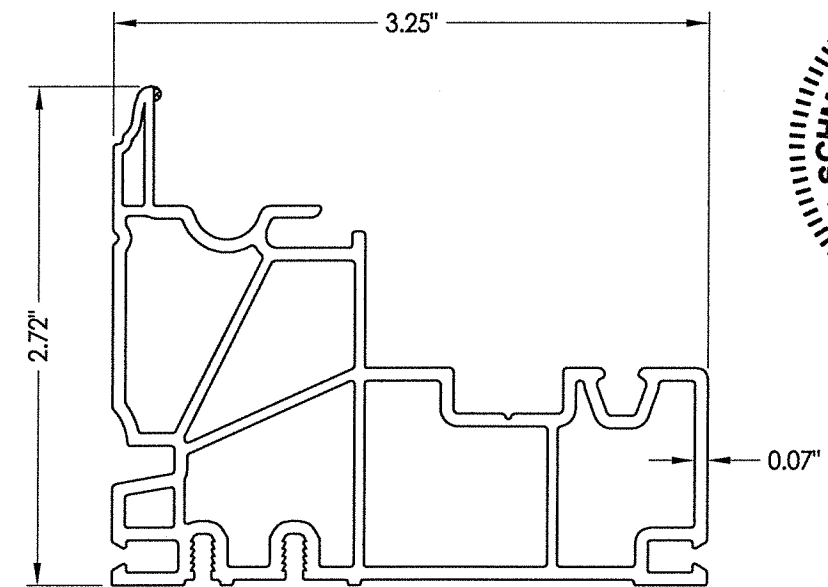
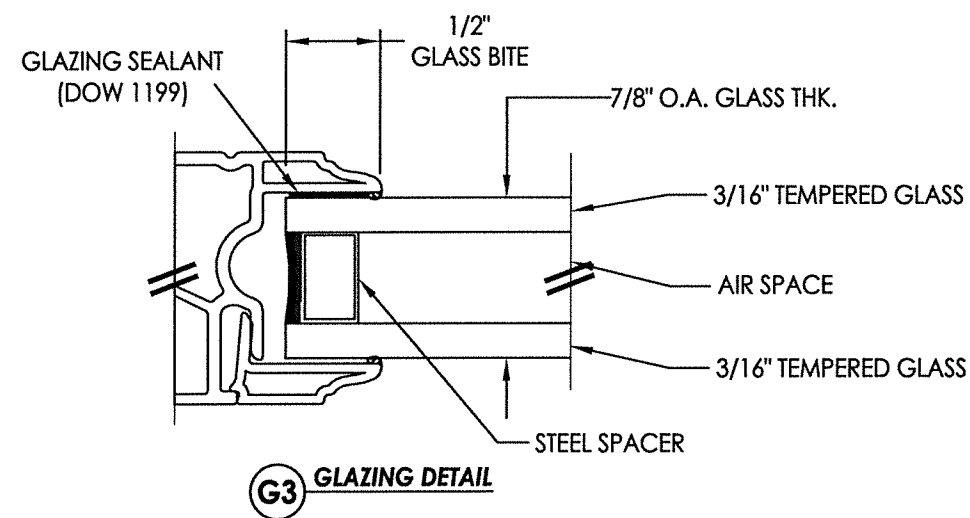
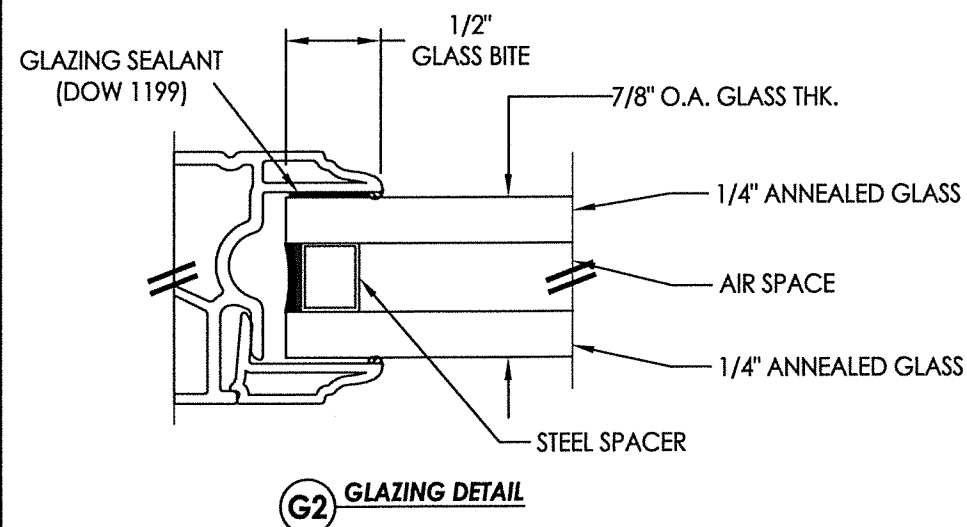
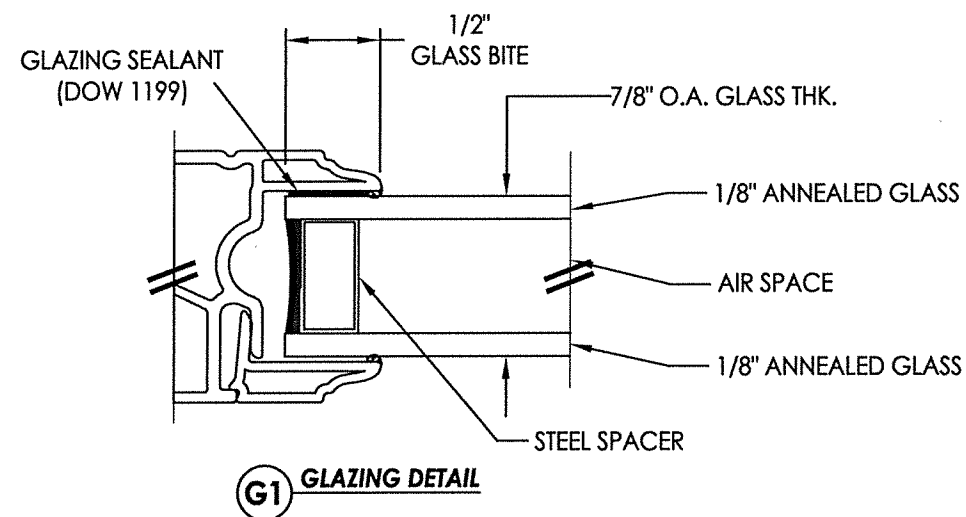
DRAWING NO.:

FL-26908.12

SHEET 4 OF 5

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" HWH 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	#10 X 2-1/2" PH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" HWH ELCO 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

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

[illegible]