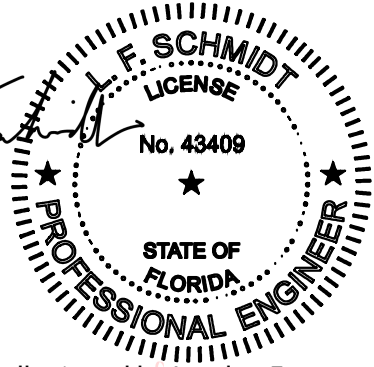
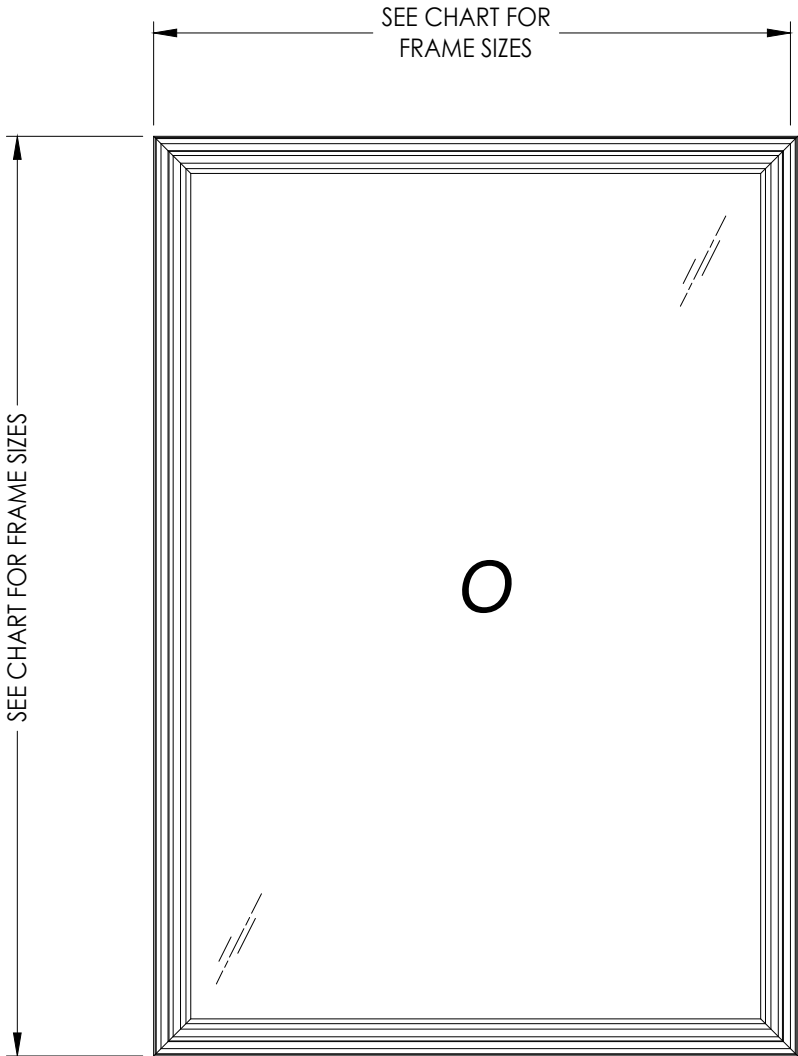




10250 Philipp Parkway
Streetsboro, Ohio 44241

"BARCELONA"
Model "PW30I"
PICTURE WINDOW
"IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2023.07.03 14:19:27 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

NOTE: VERTICAL OR HORIZONTAL ORIENTATION IS ALLOWED

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
48.0" X 63.0"	41.56" x 56.56"	G1	+60.0	-65.0
48.0" X 73.0"	41.56" x 66.56"	G2	+55.0	-60.0
56.0" X 80.0"	49.56" x 73.56"	G3	+60.0	-65.0
78.0" X 72.0"	71.56" x 65.56"	G4	+50.0	-50.0
96.0" X 60.0"	89.56" x 53.56"	G4	+60.0	-65.0

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross sections
3	Buck and frame anchoring
4	Glazing details
5	Bill of materials & components

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

PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

LFS

LFS

LFS

LFS

LFS

JK

BY

REVISIONS

6

7/03/23

UPDATE TO 8TH ED. (2023)

FBC

5

1/31/22

REVISE GLAZING DETAILS

4

6/08/21

ADD NEW FRAME SIZES

3

7/13/20

UPDATE TO 7TH ED. (2020)

FBC

2

11/12/18

ADD ALTERNATE ENDUR SPACER

1

6/11/18

REVISE GLAZING DETAILS

NO.

DATE

DATE: 4/26/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

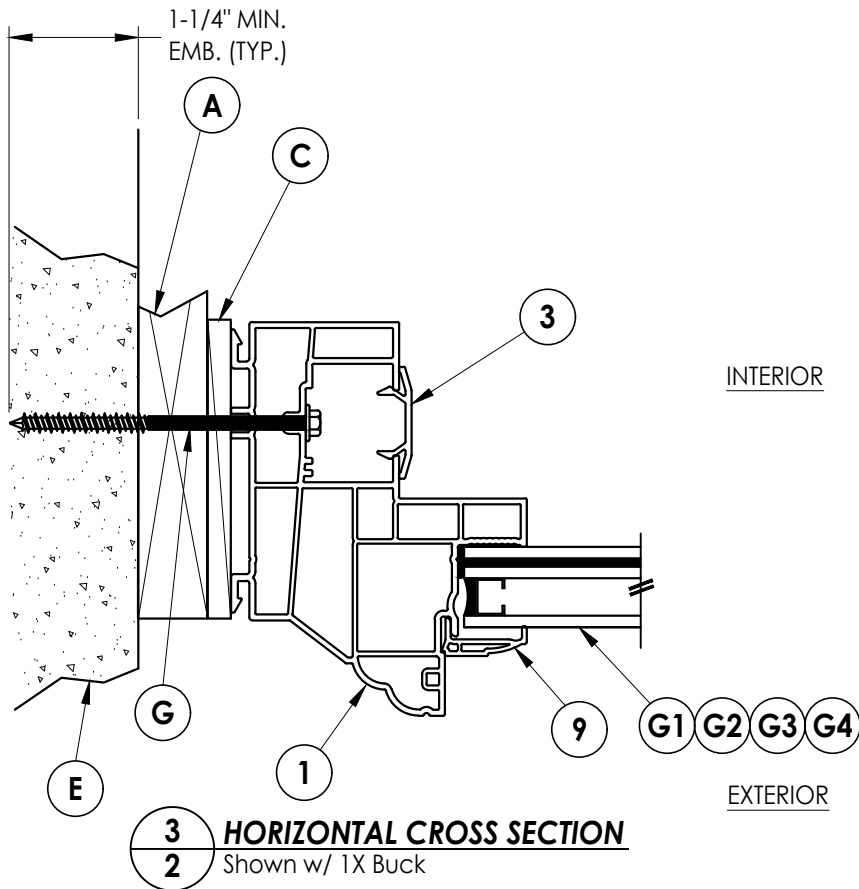
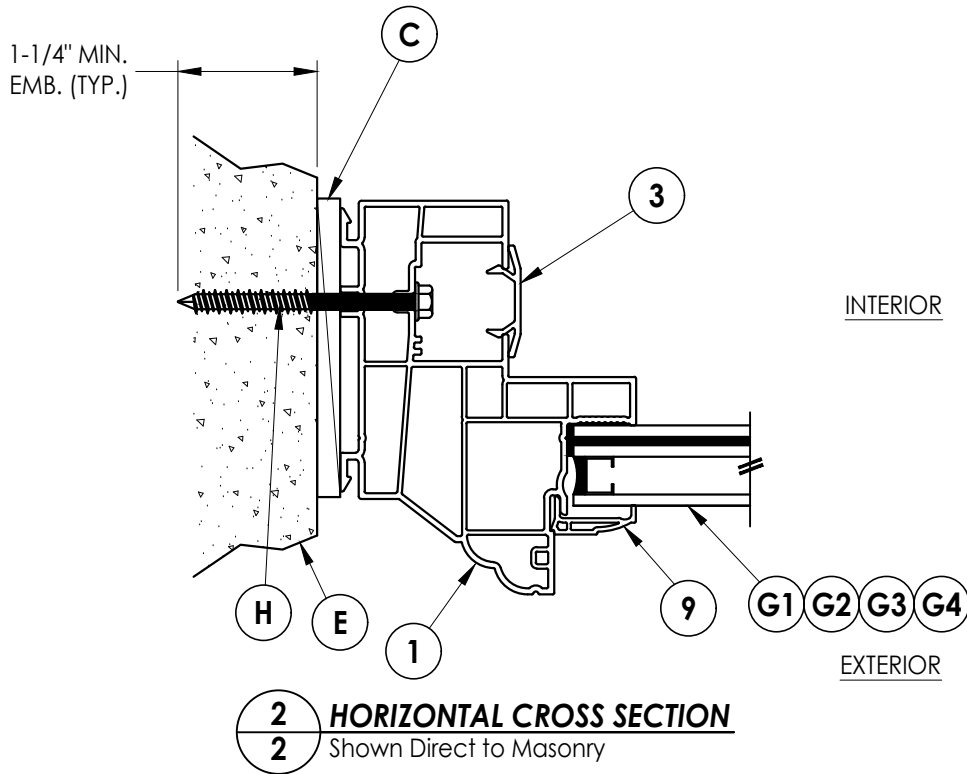
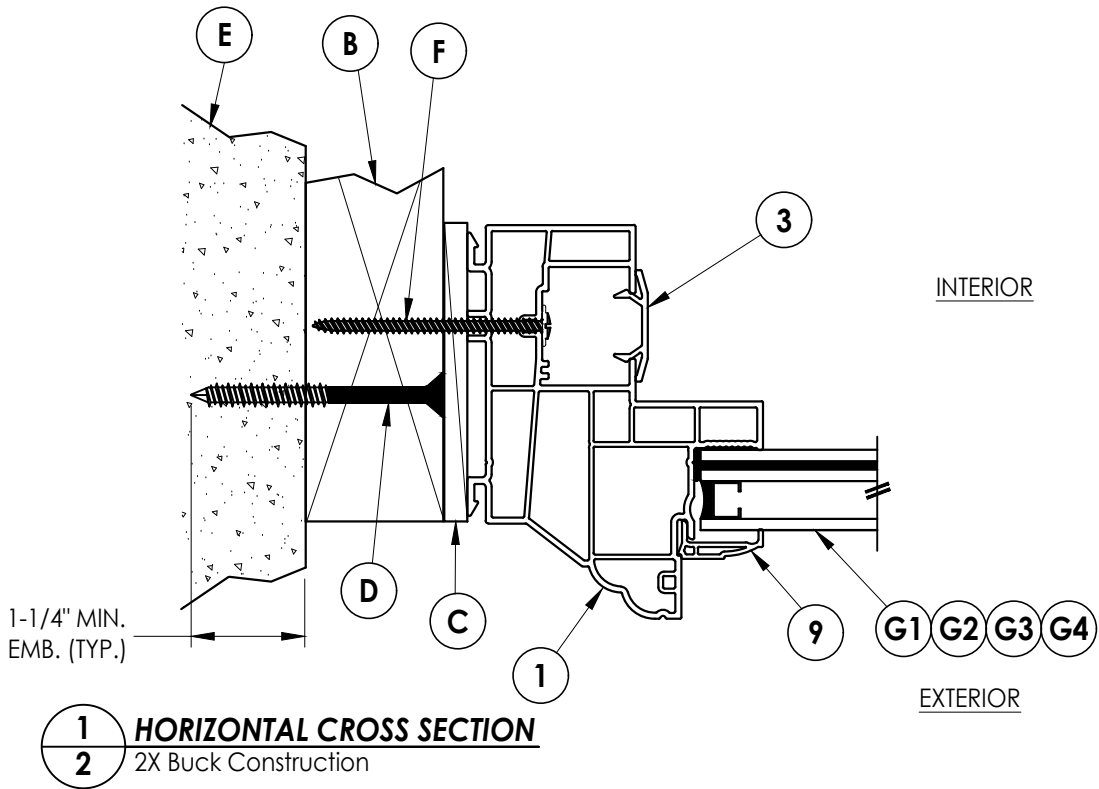
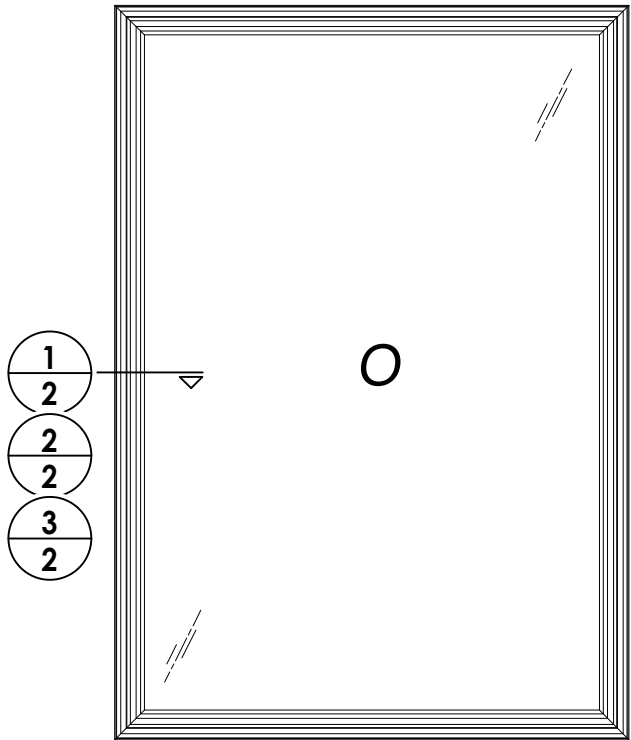
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SHEET 1 OF 5

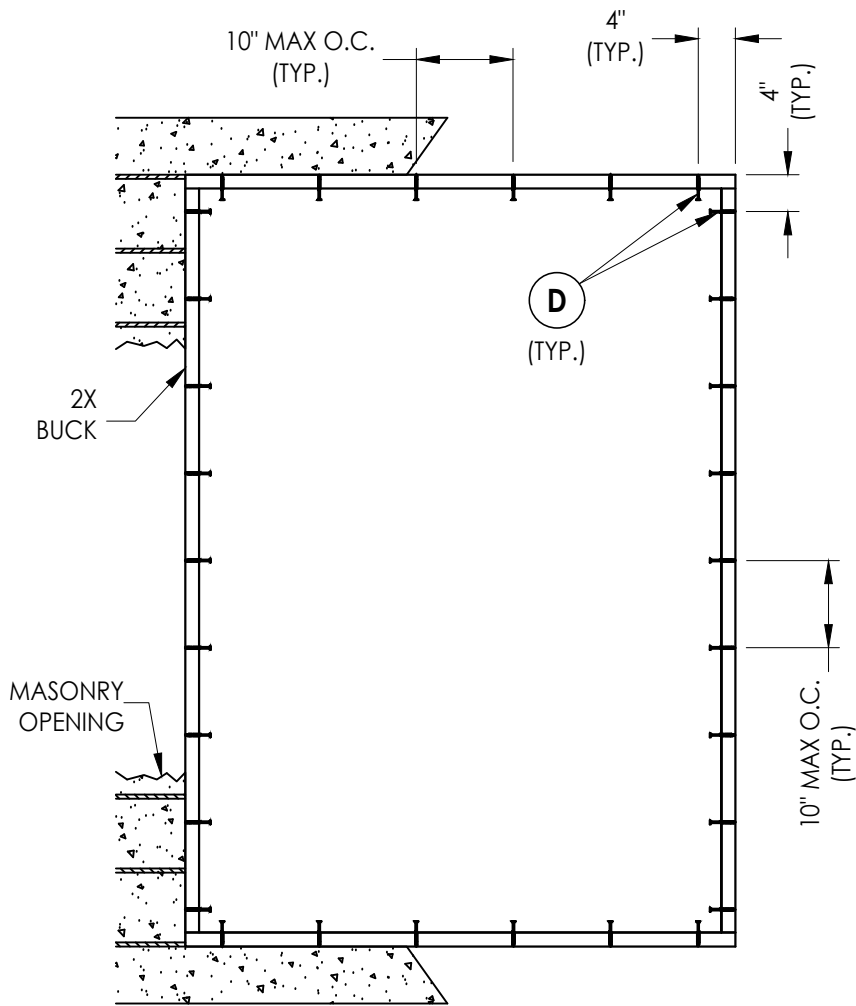
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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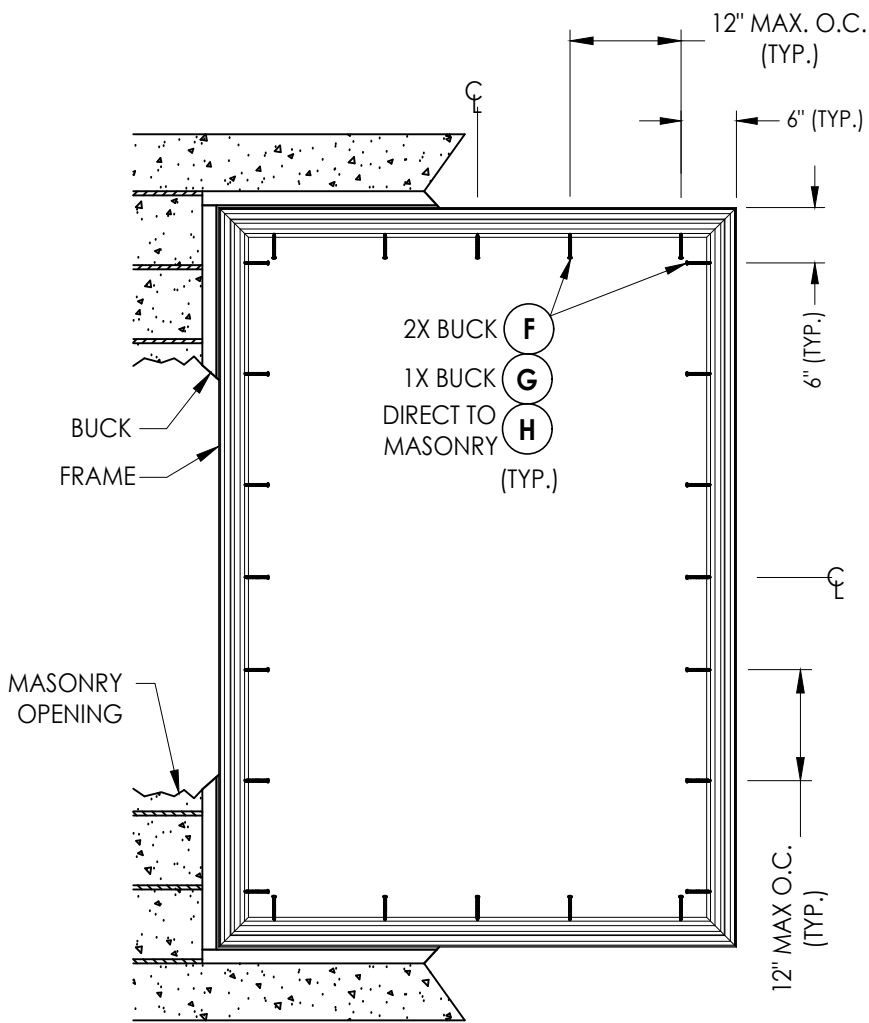
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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: SOFT-LITE WINDOWS	PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		REVISONS
	LFS	FBC	
6	7/03/23	UPDATE TO 8TH ED. (2023)	LFS
5	1/31/22	REVISE GLAZING DETAILS	LFS
4	6/08/21	ADD NEW FRAME SIZES	LFS
3	7/13/20	UPDATE TO 7TH ED. (2020)	LFS
2	11/12/18	ADD ALTERNATE ENDUR SPACER	LFS
1	6/11/18	REVISE GLAZING DETAILS	JK
NO.	DATE		BY
DATE: 4/26/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15768.8			
SHEET 2 OF 5			



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"
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.

Documents Prepared By:
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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:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
6	7/03/23	UPDATE TO 8TH ED. (2023) FBC
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DATE: 4/26/17

SCALE: N.T.S.

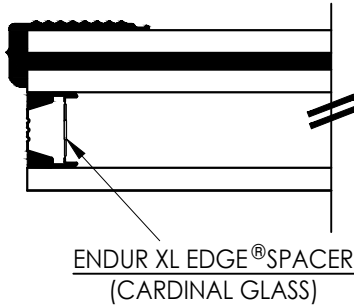
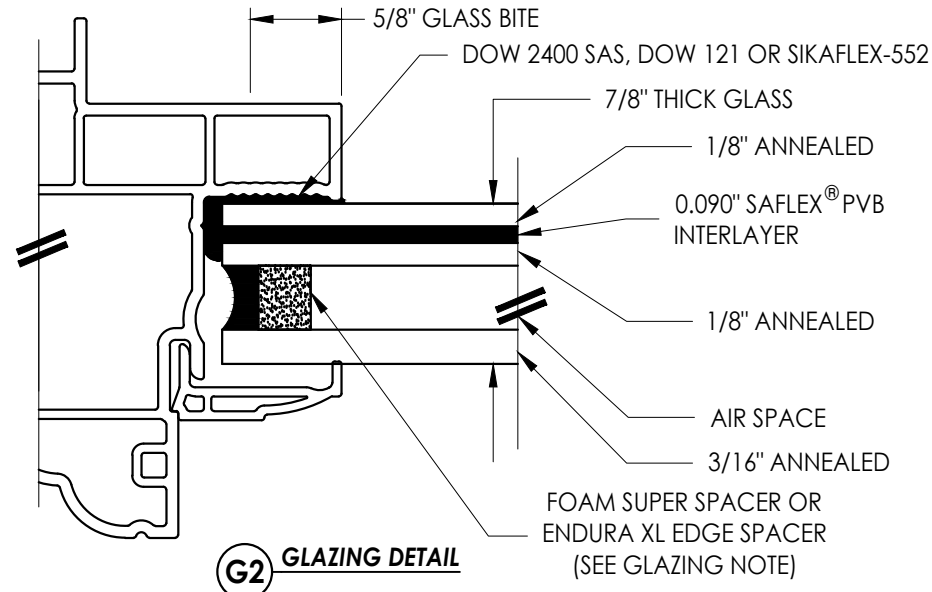
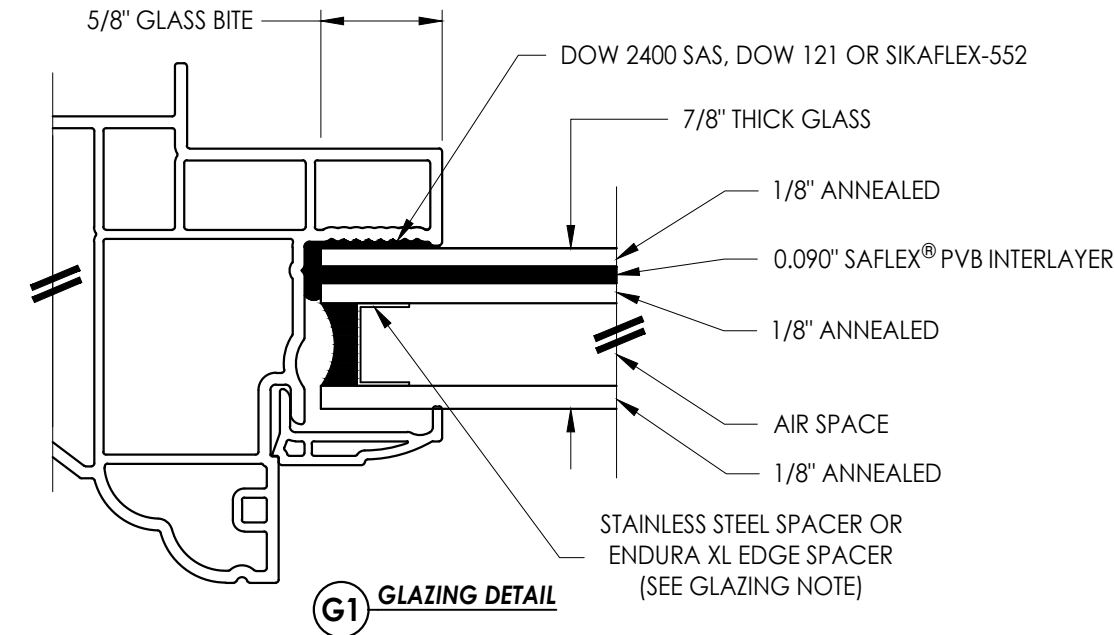
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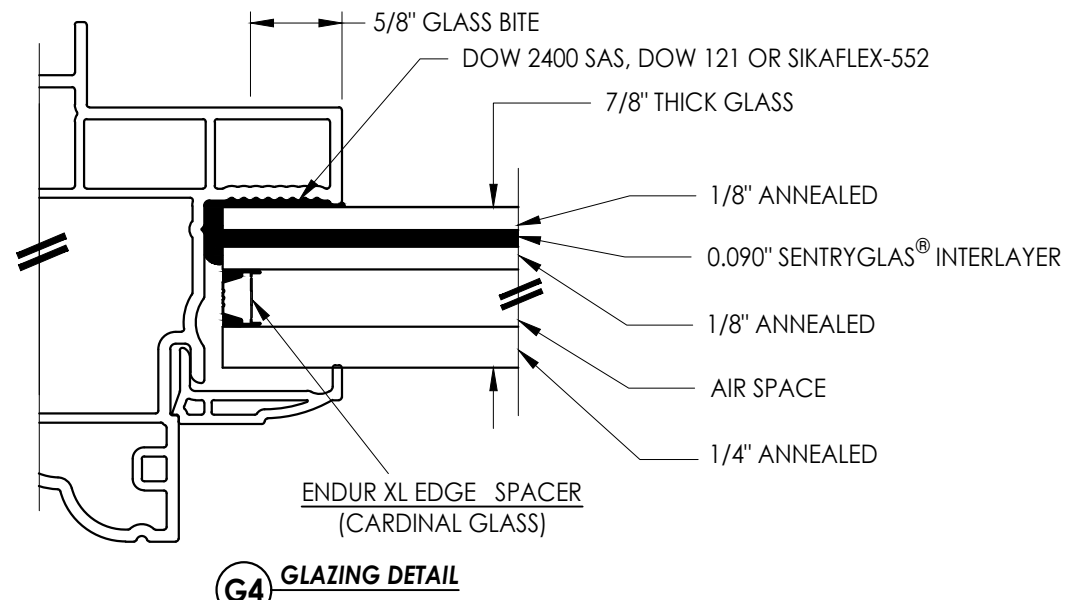
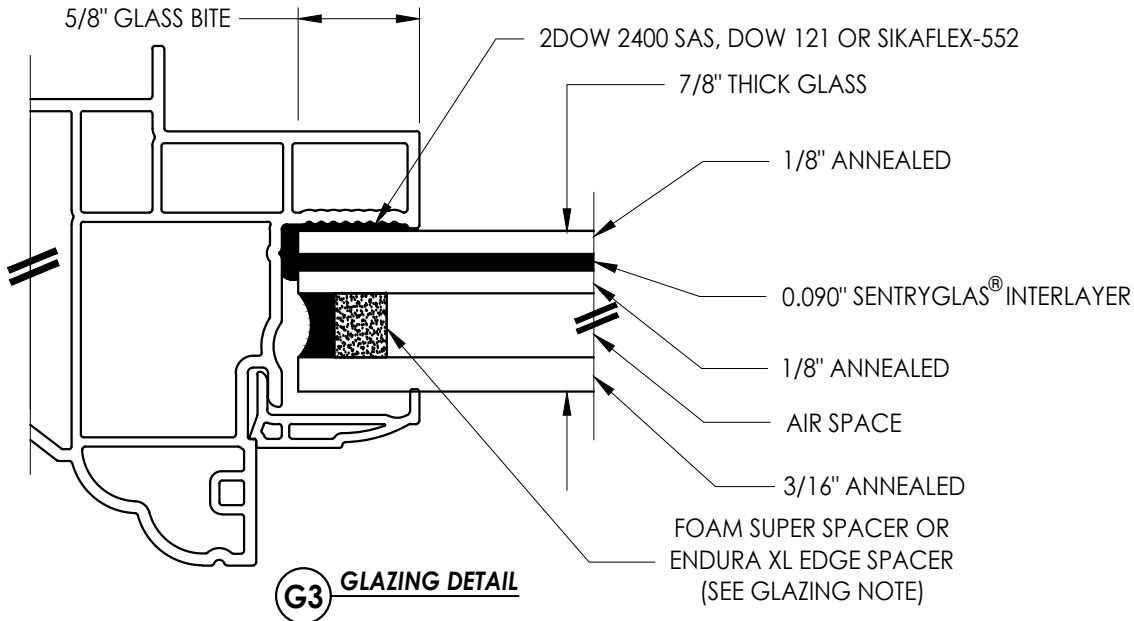
DRAWING NO.:
FL-15768.8

SHEET 3 OF 5

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GLAZING NOTE:
THE ENDUR STAINLESS STEEL XL EDGE® SPACER MAY BE USED
AS A SUBSTITUTE SPACER IN GLAZING DETAILS G1, G2 & G3.



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FBPE Registry No. 9813

PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
GLAZING DETAILS

NO.	DATE	REVISIONS
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DWG. BY: JK

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DRAWING NO.:

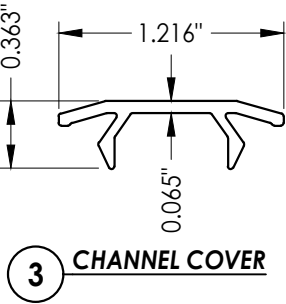
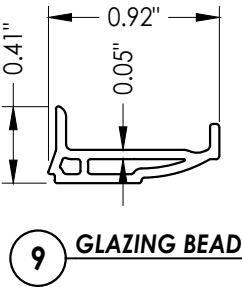
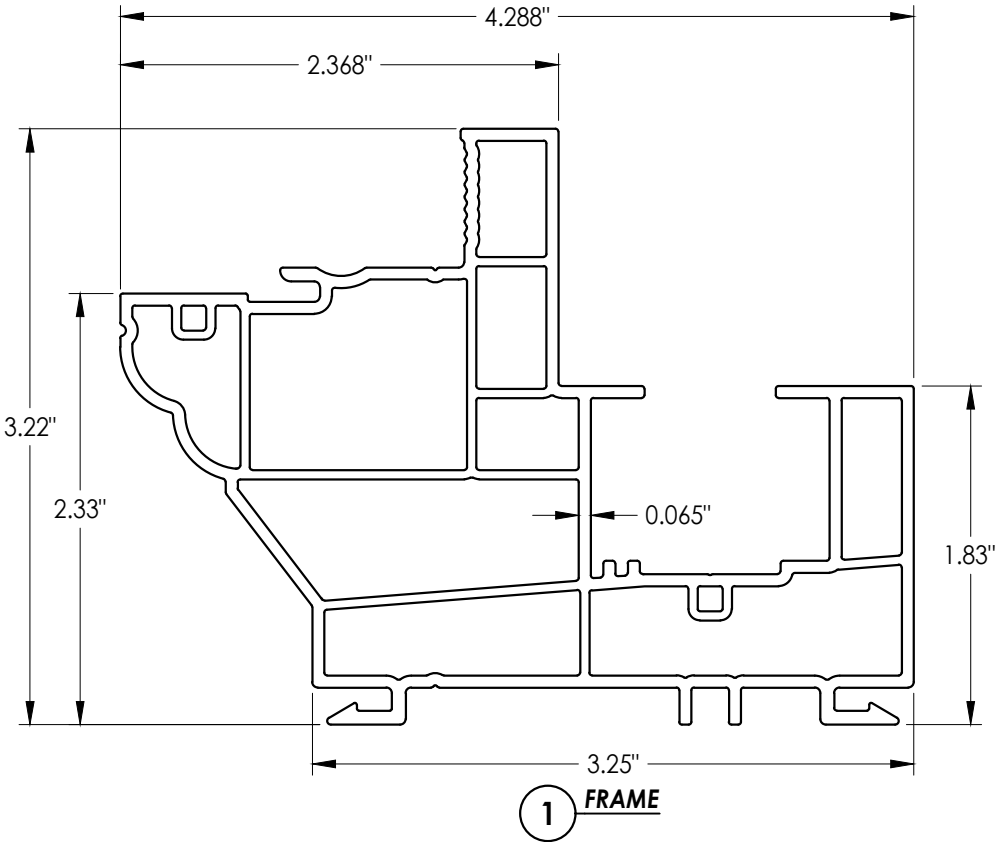
FL-15768.8

SHEET 4 OF 5

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BILL OF MATERIALS		
ITEM #		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	#8-15 X 2-1/2" TRUSS HEAD SMS (1-3/8" 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
1	FRAME*	PVC
3	CHANNEL COVER*	PVC
9	GLAZING BEAD*	PVC

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



Documents Prepared By: 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			
PRODUCT: SOFT-LITE WINDOWS				PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS			
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NO.		DATE					
DATE: 4/26/17							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15768.8							
SHEET 5 OF 5							