

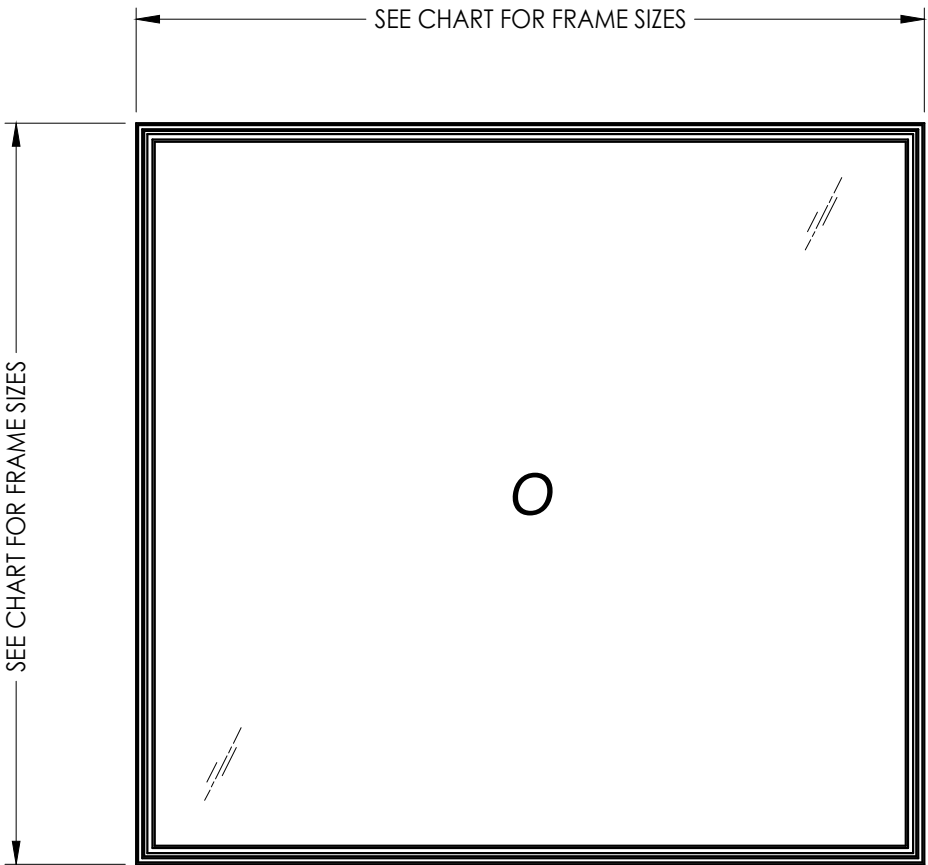


"CPWL"
CASEMENT PICTURE WINDOW
LOW PROFILE
"NON-IMPACT"

GENERAL NOTES

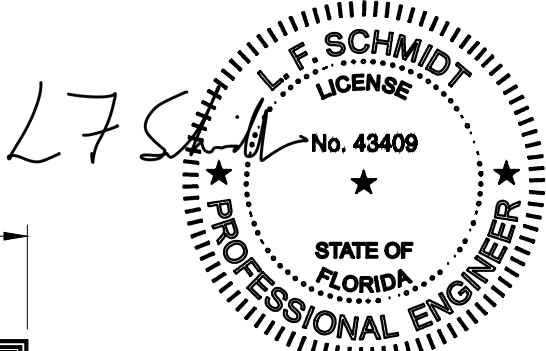
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product 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 and general notes
2	Horizontal and vertical cross sections
3	Buck anchoring
4	Frame anchoring
5	Frame anchoring
6	Bill of materials, components and glazing details



NOTE: HORIZONTAL OR VERTICAL ORIENTATION IS ALLOWED

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
64.0" X 80.0"	60.0" x 76.0"	G1	+45.0	-45.0
56.0" X 80.0"	52.0" x 76.0"	G1	+50.0	-50.0
66.0" x 66.0"	62.0" x 62.0"	G1	+50.0	-75.0
72.0" x 72.0"	68.0" x 68.0"	G1	+45.0	-50.0
86.0" X 73.0"	82.0" x 69.0"	G2	+50.0	-50.0
96.0" x 66.0"	92.0" x 62.0"	G2	+50.0	-50.0
112.0" x 58.0"	108.0" x 54.0"	G2	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.03 14:22:02 -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

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

PRODUCT:
SOFT-LITE WINDOWS

DATE: 7/6/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15768.1

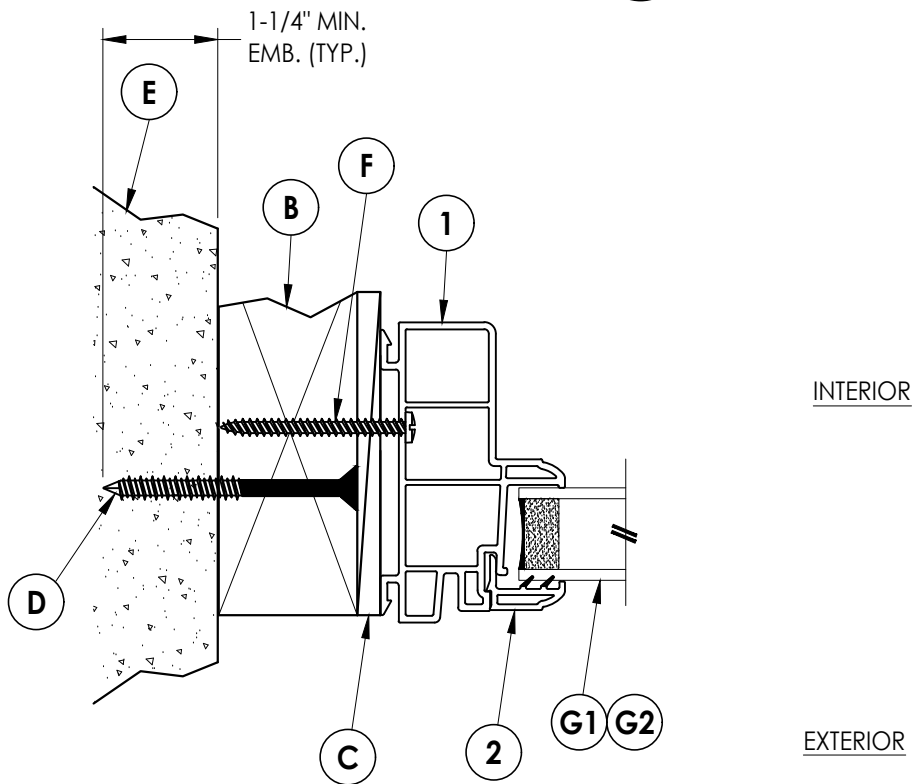
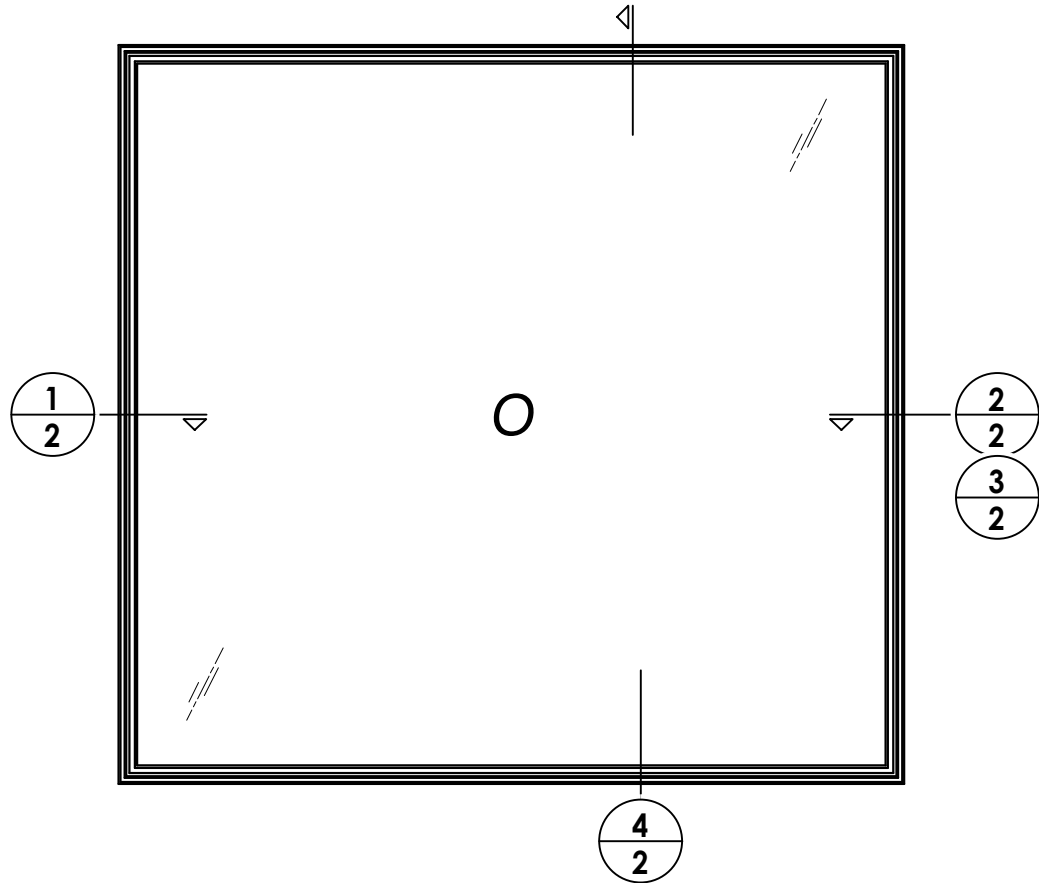
SHEET 1 OF 6

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

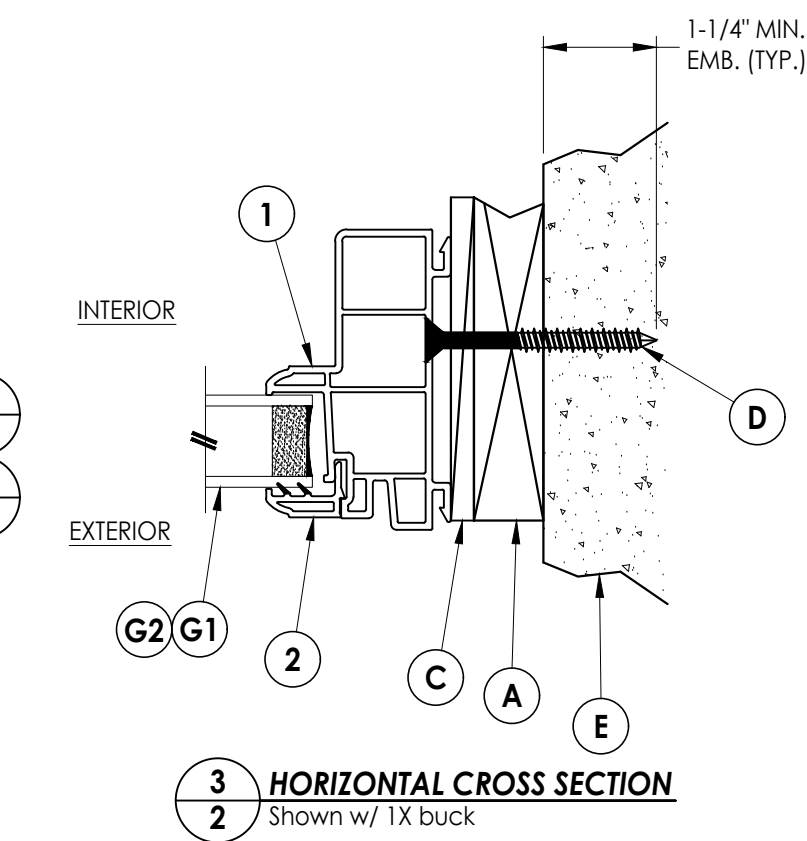
Part or Assembly:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS

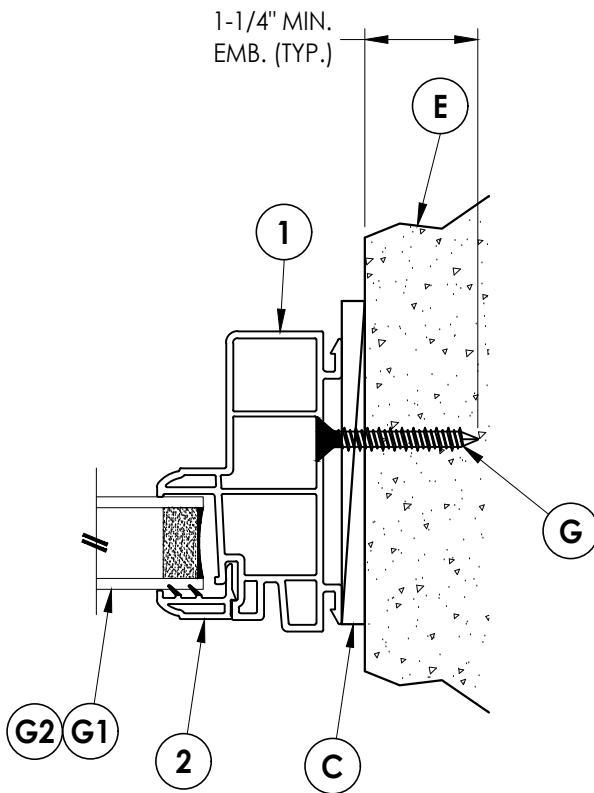
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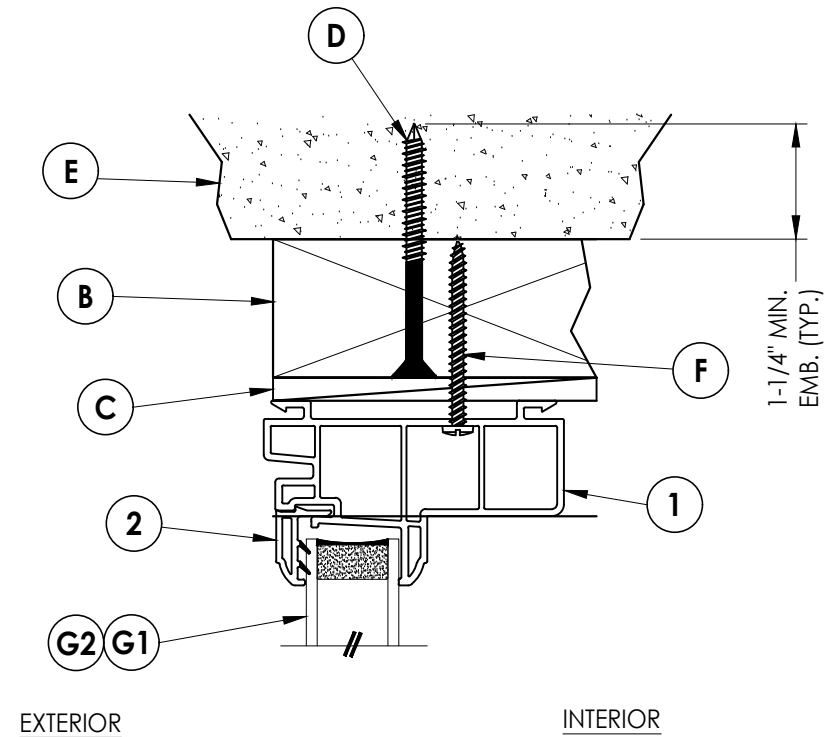
1
2 **HORIZONTAL CROSS SECTION**
Shown w/ 2X buck



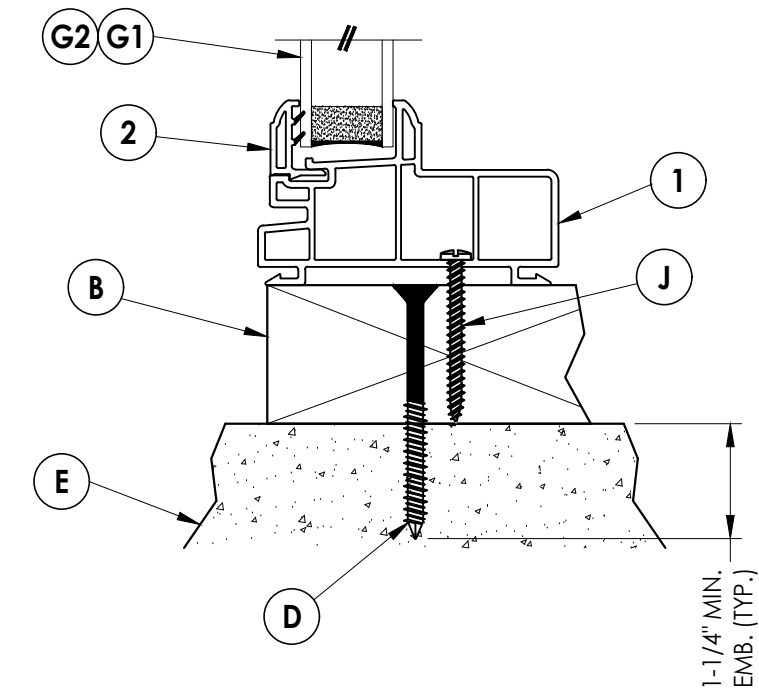
3
2 **HORIZONTAL CROSS SECTION**
Shown w/ 1X buck



2
2 **HORIZONTAL CROSS SECTION**
Shown direct to masonry



4
2 **VERTICAL CROSS SECTION**
Shown w/ 2X buck



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FBPE Registry No. 9813

PRODUCT: SOFT-LITE WINDOWS

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS			
		NO.	DATE	BY	
5	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	4/28/22	REVISED FOR NEW TESTING		LFS	
3	7/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	8/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 7/6/12

SCALE: N.T.S.

DWG. BY: JK

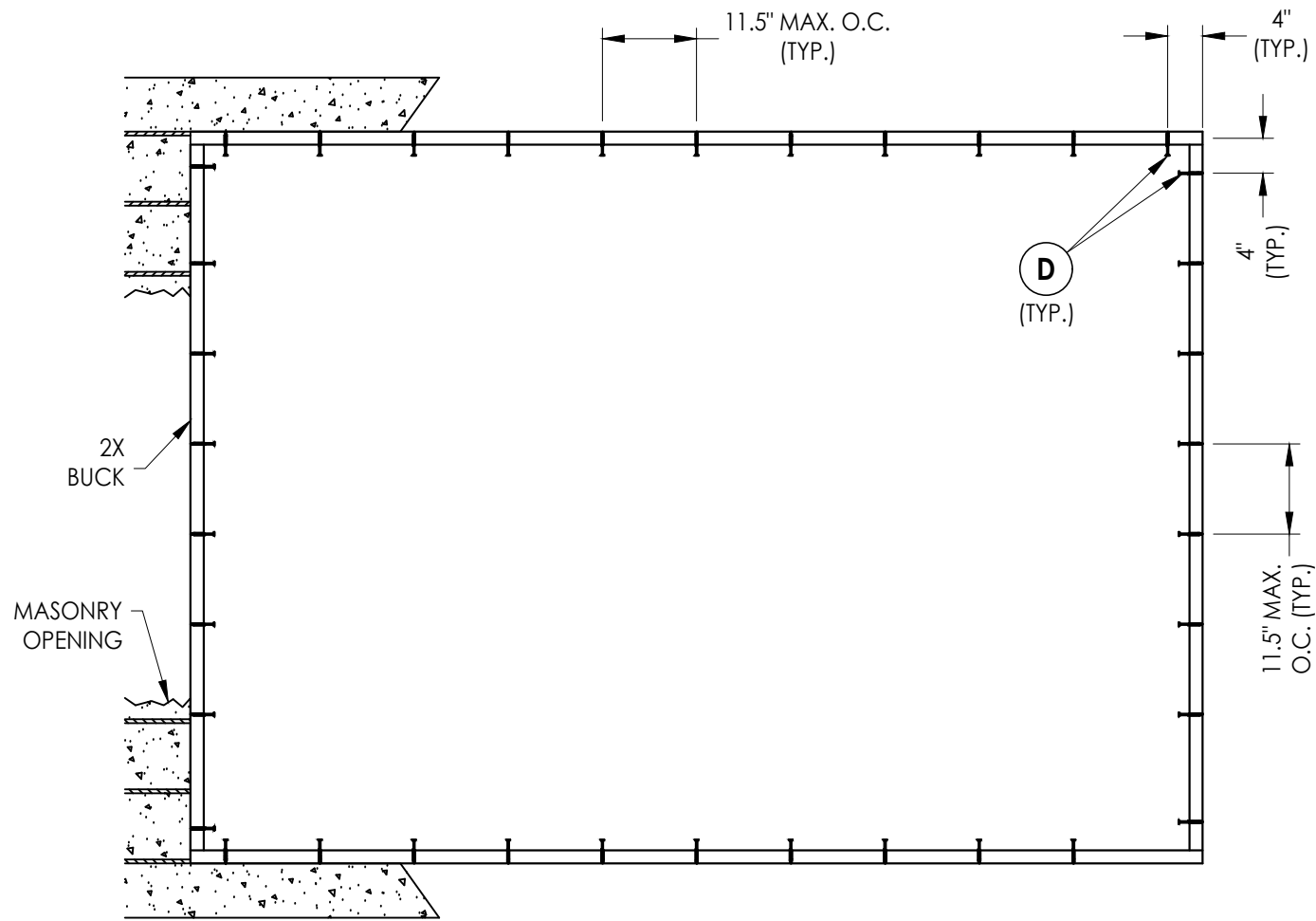
CHK. BY: LFS

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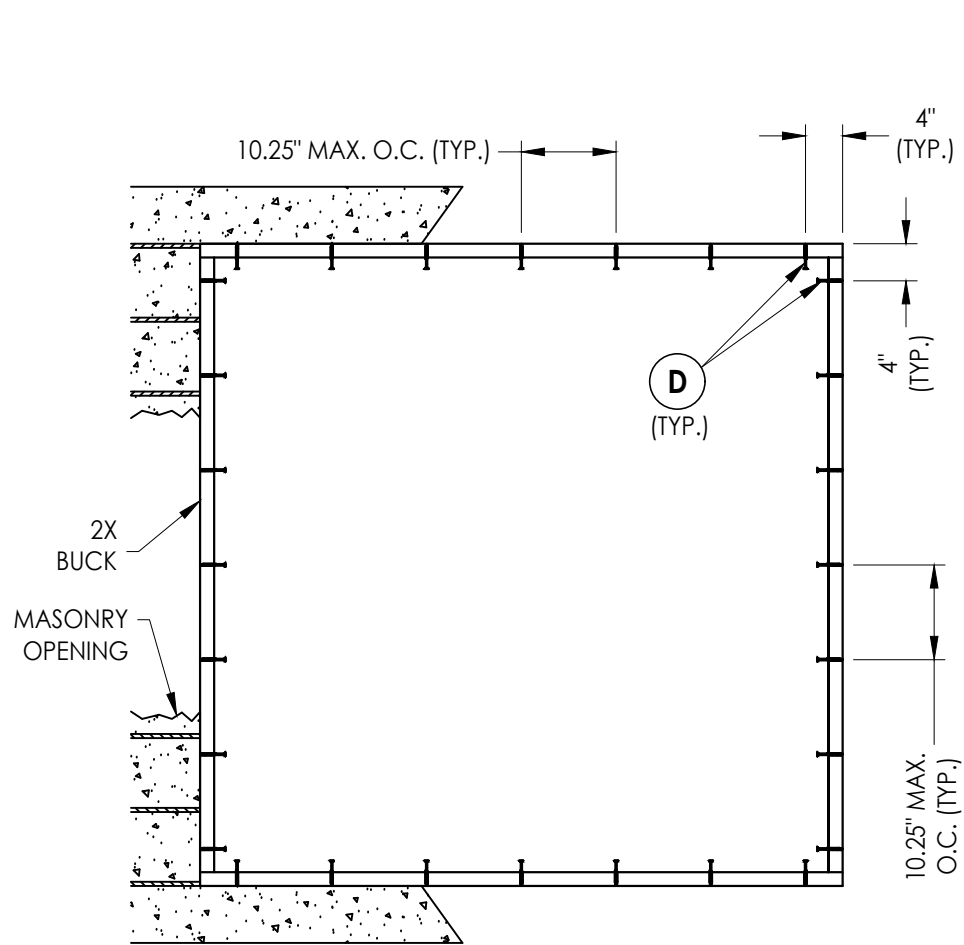
FL-15768.1

SHEET 2 OF 6

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BUCK ANCHORING
Max. D.P. ≤ 50 PSF



BUCK ANCHORING
Max. D.P. ≤ 75 PSF

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.

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PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
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4	4/28/22	REVISED FOR NEW TESTING
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2	8/25/17	UPDATE TO 6TH ED. (2017) FBC
1	3/03/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 7/6/12

SCALE: N.T.S.

DWG. BY: JK

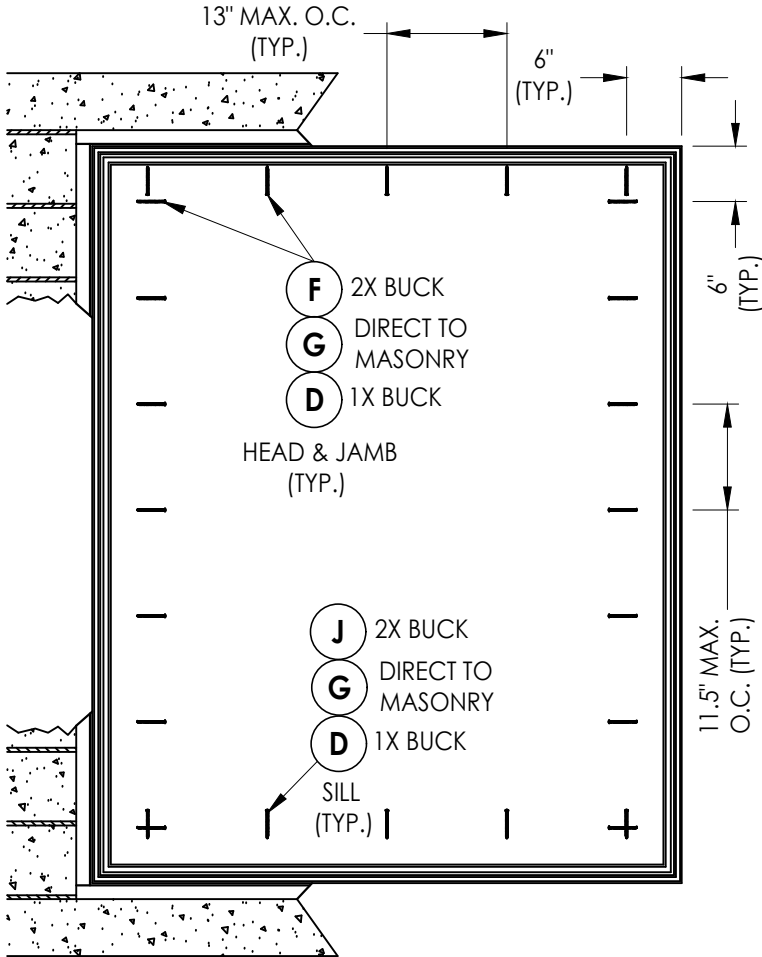
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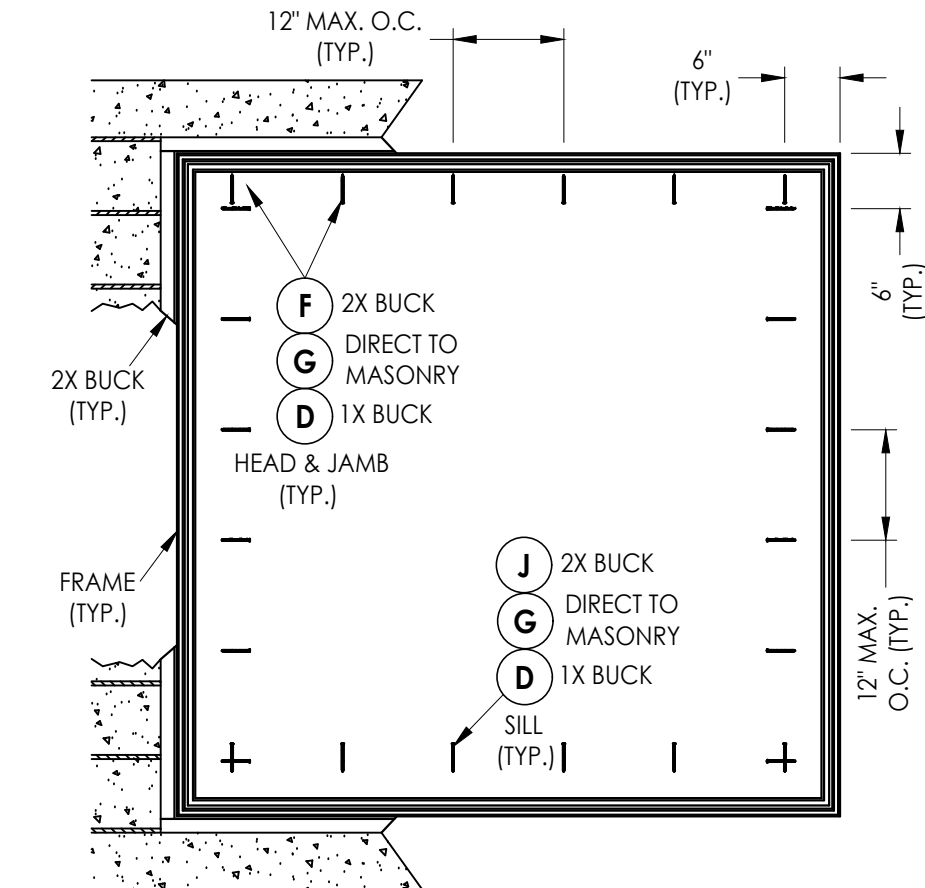
FL-15768.1

SHEET 3 OF 6

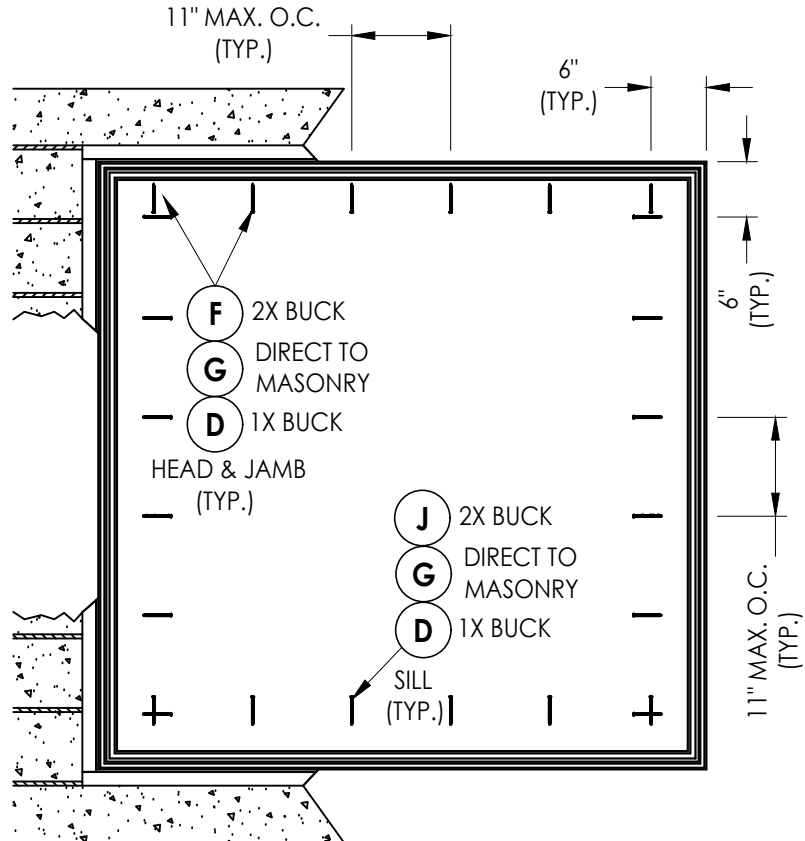
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FRAME ANCHORING
64" X 80" MAX.
Max. D.P. ≤ 50 PSF



FRAME ANCHORING
72" X 72" MAX.
Max. D.P. ≤ 50 PSF



FRAME ANCHORING
66" X 66" MAX.
Max. D.P. ≤ 75 PSF

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
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ITW TAPCON®	1/4"	1-1/4"	2"	4"
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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.

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FBPE Registry No. 9813

PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS			
		DATE	BY	CHK	LFS
5	7/01/23	UPDATE TO 8TH ED. (2023)	FBC		
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2	8/25/17	UPDATE TO 6TH ED. (2017)	FBC		
1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC		

DATE: 7/6/12

SCALE: N.T.S.

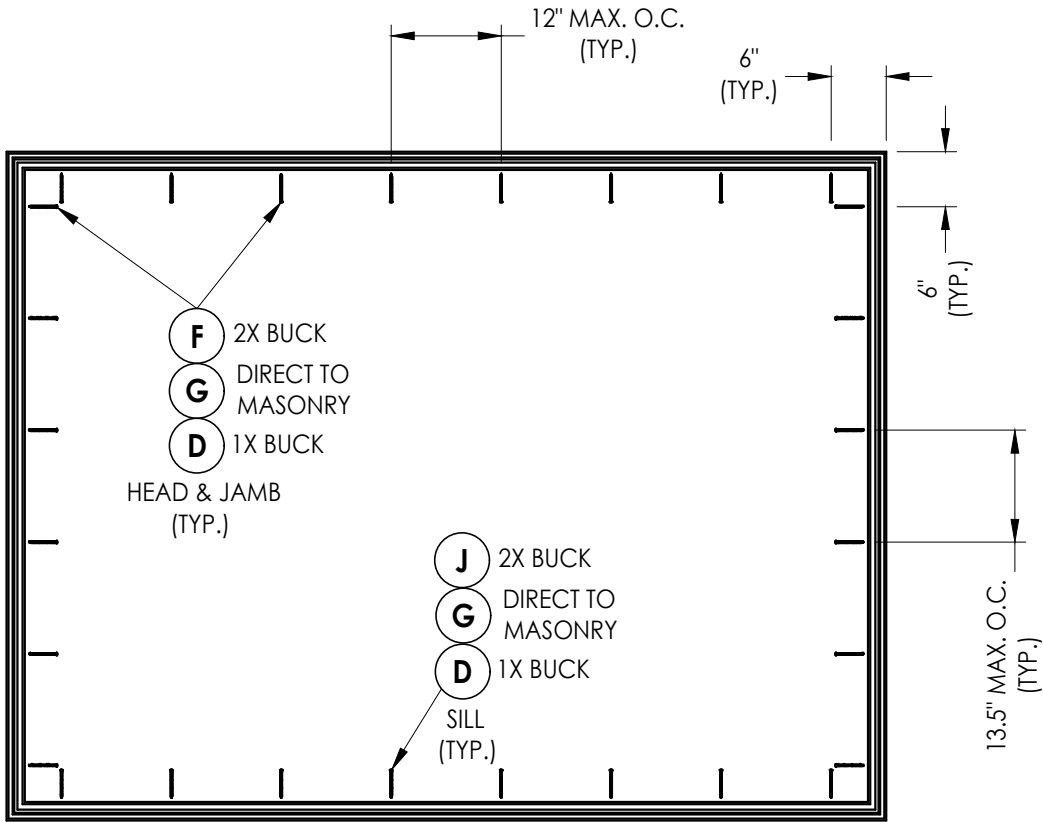
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CHK. BY: LFS

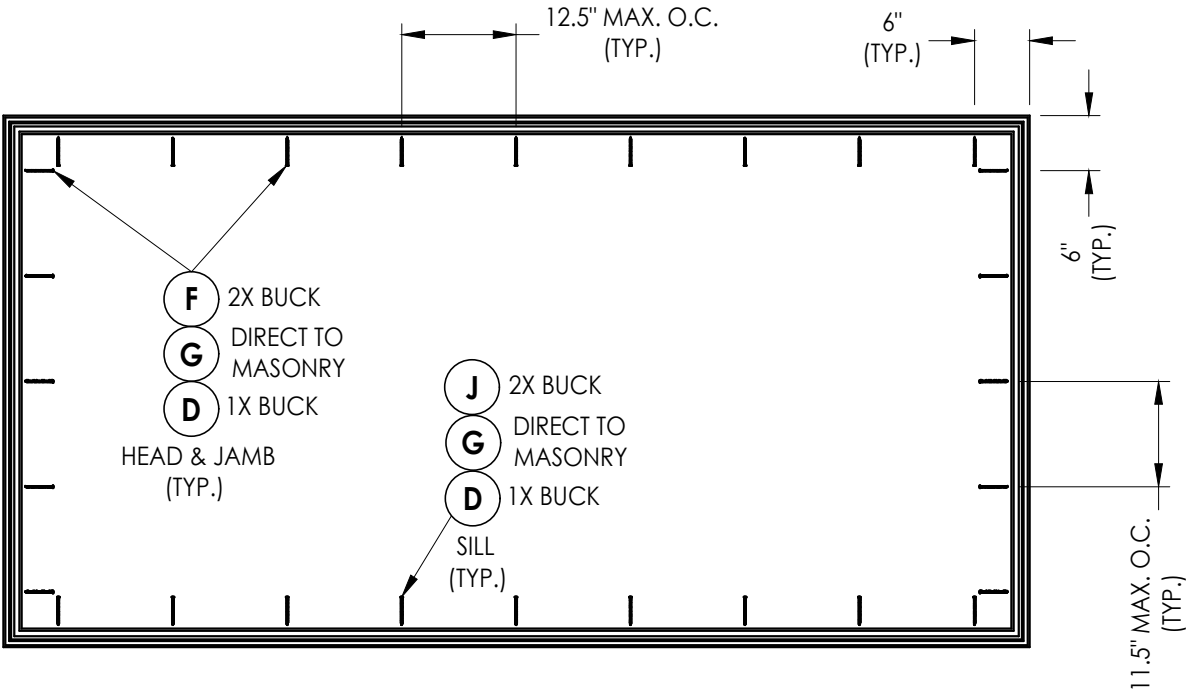
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SHEET 4 OF 6

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FRAME ANCHORING
96" X 73" MAX.
Max. D.P. ≤ 50 PSF



FRAME ANCHORING
112" X 58" MAX.
Max. D.P. ≤ 50 PSF

CONCRETE ANCHOR NOTES:

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SOFT-LITE WINDOWS

PART OR ASSEMBLY:
FRAME ANCHORING

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		DATE	BY	DESCRIPTION
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3	7/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
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1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK

DATE: 7/6/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

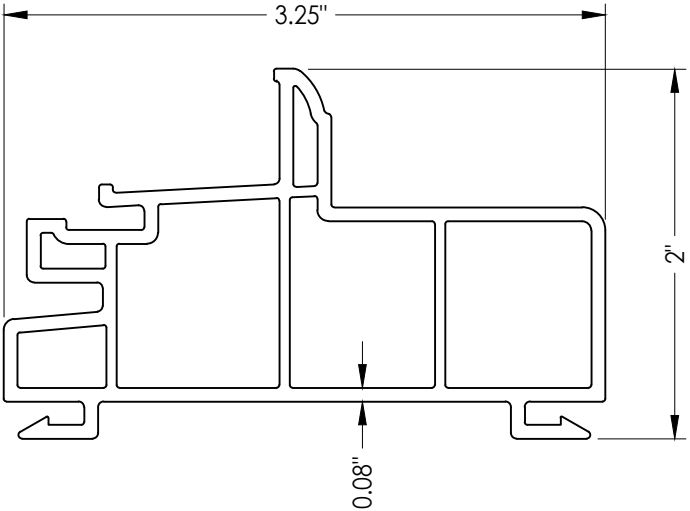
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FL-15768.1

SHEET 5 OF 6

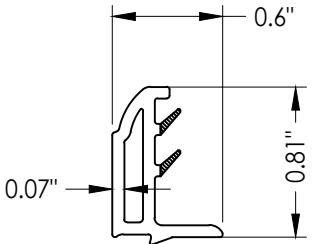
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	#10 X 1-3/4" PPH SMS	STEEL
1	FRAME*	PVC
2	GLAZING BEAD*	PVC

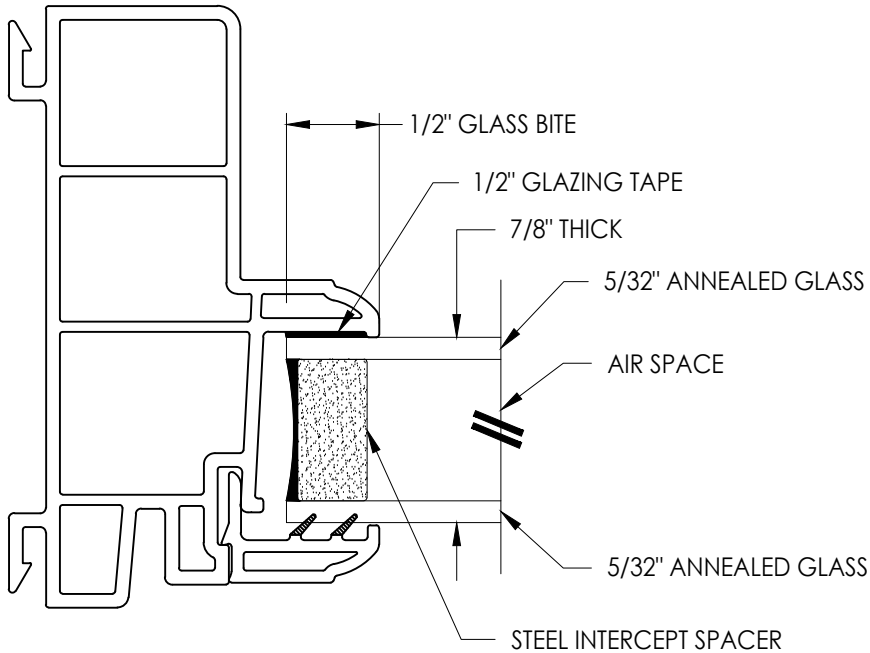
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATIONS PROGRAMS FOR RIGID PVC EXTRUSIONS".



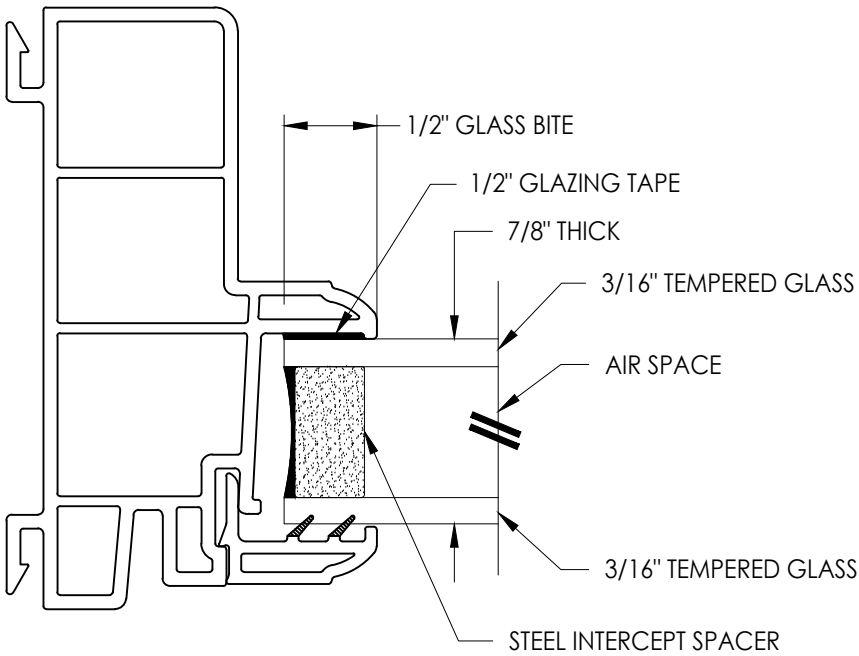
1 FRAME



2 GLAZING BEAD



G1 GLAZING DETAIL



G2 GLAZING DETAIL

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 AND GLAZING DETAIL	
5	7/01/23	UPDATE TO 8TH ED. (2023)	FBC
4	4/28/22	REVISED FOR NEW TESTING	LFS
3	7/13/20	UPDATE TO 7TH ED. (2020)	FBC
2	8/25/17	UPDATE TO 6TH ED. (2017)	JK
1	3/03/15	UPDATE TO 5TH ED. (2014)	JK
NO.	DATE		BY
REVISIONS			
DATE: 7/6/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15768.1			
SHEET 6 OF 6			