



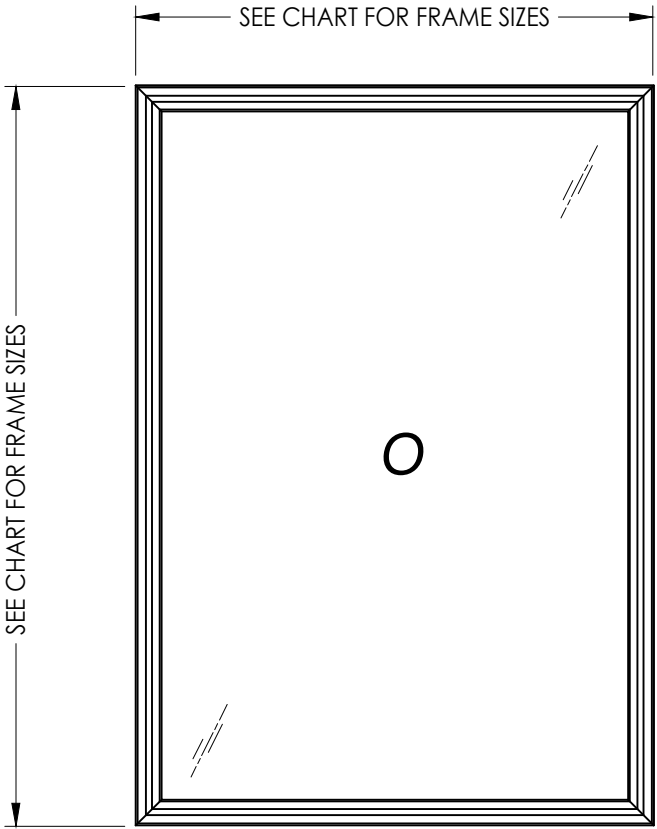
10250 Philipp Parkway
Streetsboro, Ohio 44241

"Imperial LS PW12"
PICTURE WINDOW
"NON-IMPACT"

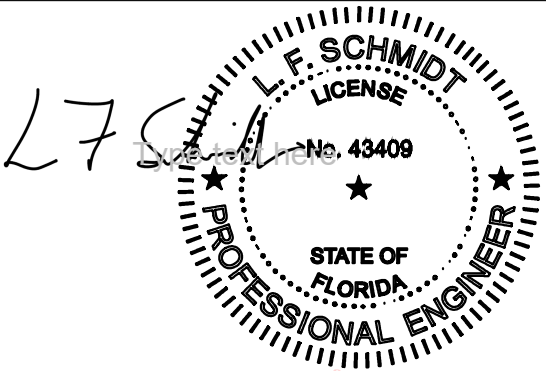
GENERAL NOTES

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 and frame anchoring
4	Bill of materials, components and glazing details



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
56.0" X 80.0"	50.5" x 74.5"	G1	+50.0	-55.0
66.0" X 66.0"	60.5" x 60.5"	G1	+50.0	-50.0



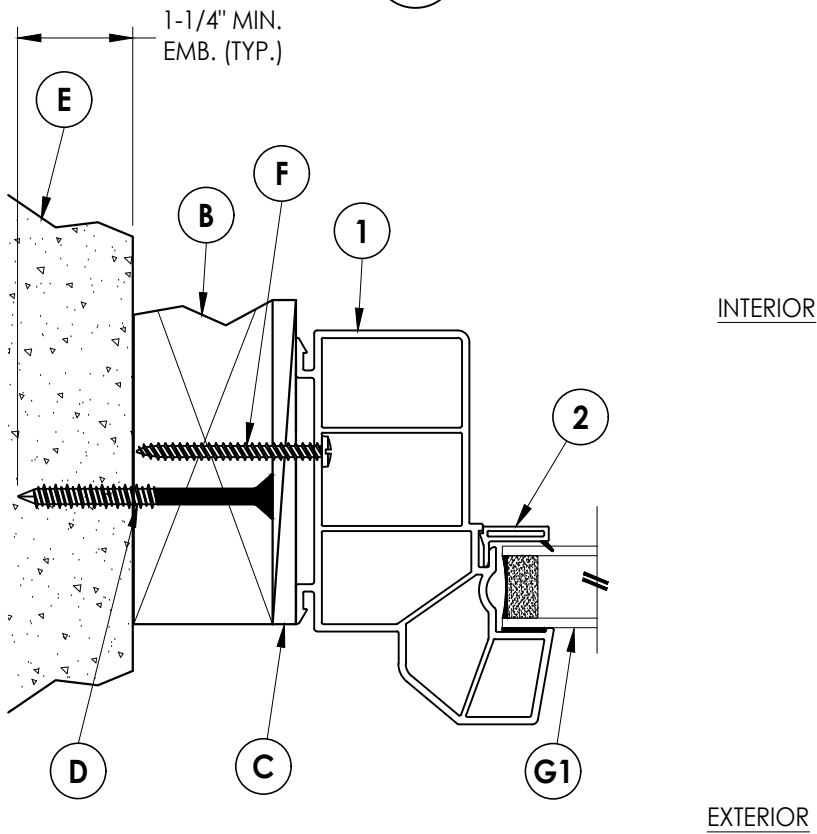
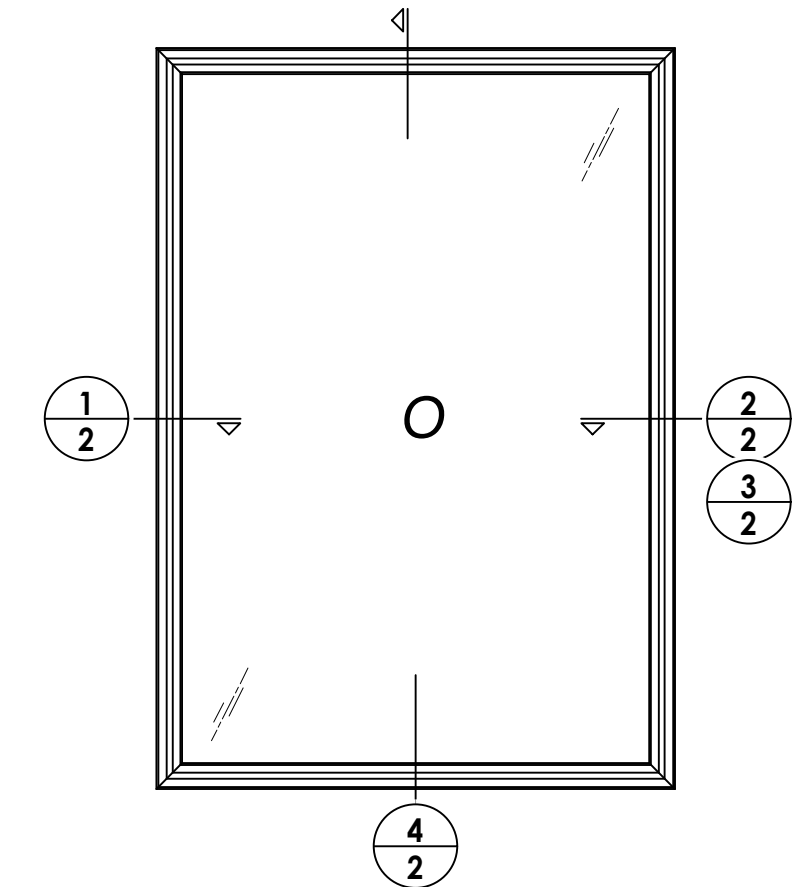
Digitally signed by Lyndon F Schmidt
Date: 2023.07.03 14:20:02 -04'00'

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.

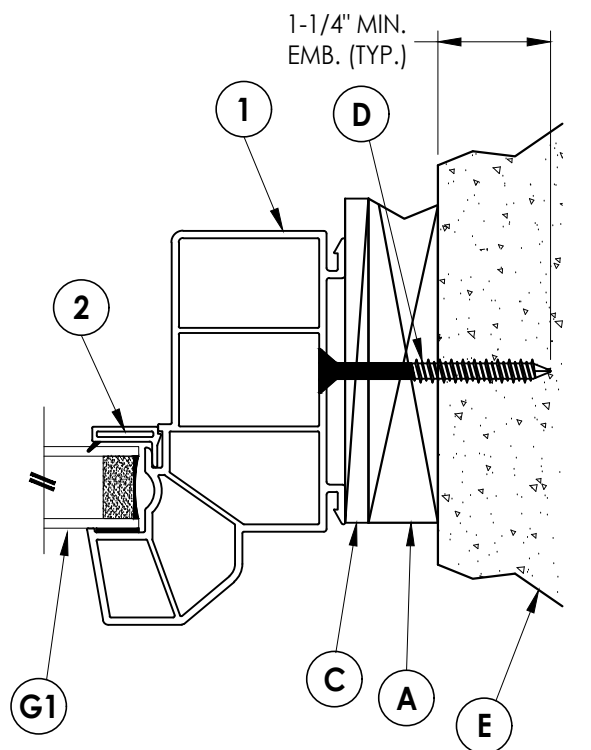
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES				
4	7/03/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	REVISIONS				
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					
NO.	DATE			BY					
DATE: 7/6/12									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-15768.3									
SHEET 1 OF 4									

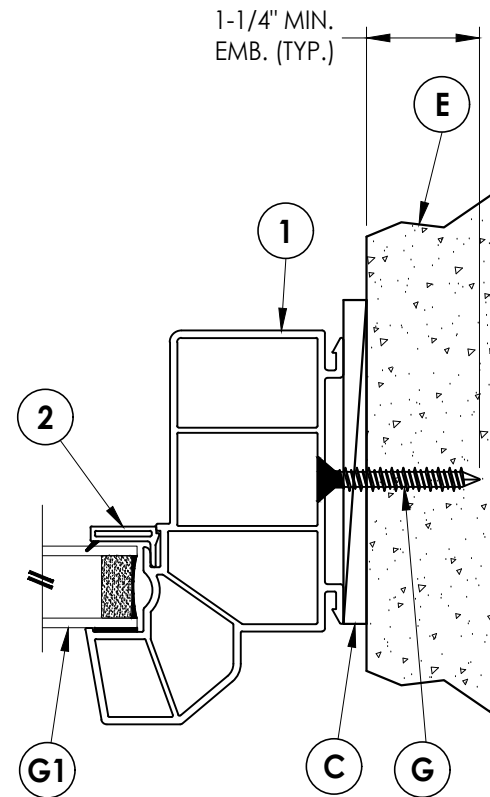
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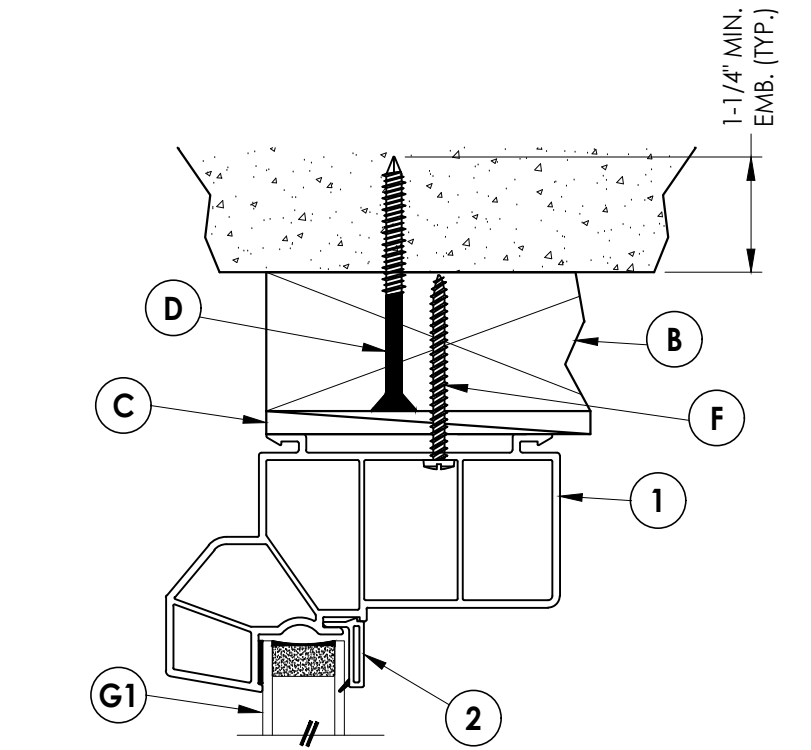
1
2 **HORIZONTAL CROSS SECTION**
Shown w/ 2X buck



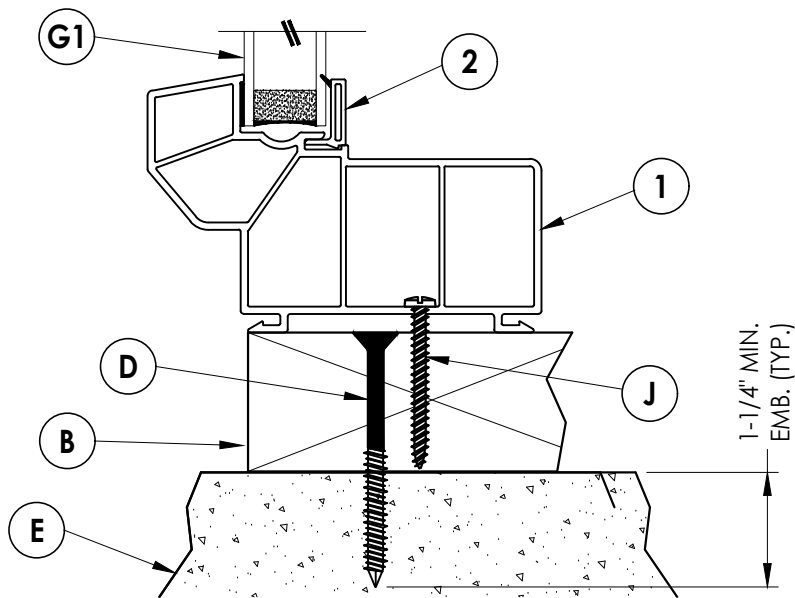
3
2 **HORIZONTAL CROSS SECTION**
Shown w/ 1X buck



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



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



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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

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

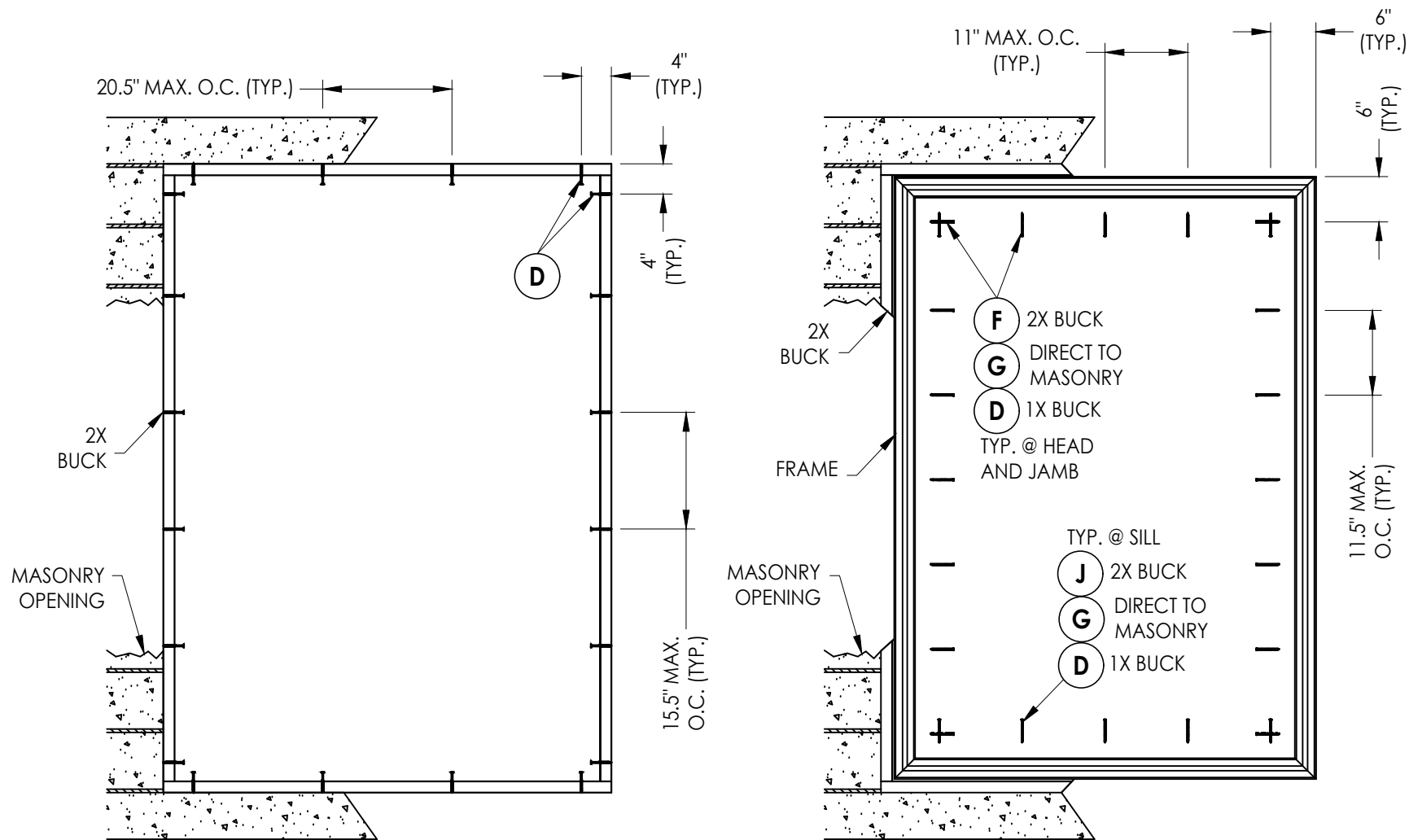
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DRAWING NO.:

FL-15768.3

SHEET 2 OF 4

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BUCK ANCHORING

FRAME ANCHORING

56" X 80" MAX.
Max. D.P. ≤ 55 PSF

FRAME ANCHORING

66" X 66" MAX.
Max. D.P. ≤ 50 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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P.O. Box 230, Vairico, FL 33595
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PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

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4	7/03/23	UPDATE TO 8TH ED. (2023) FBC
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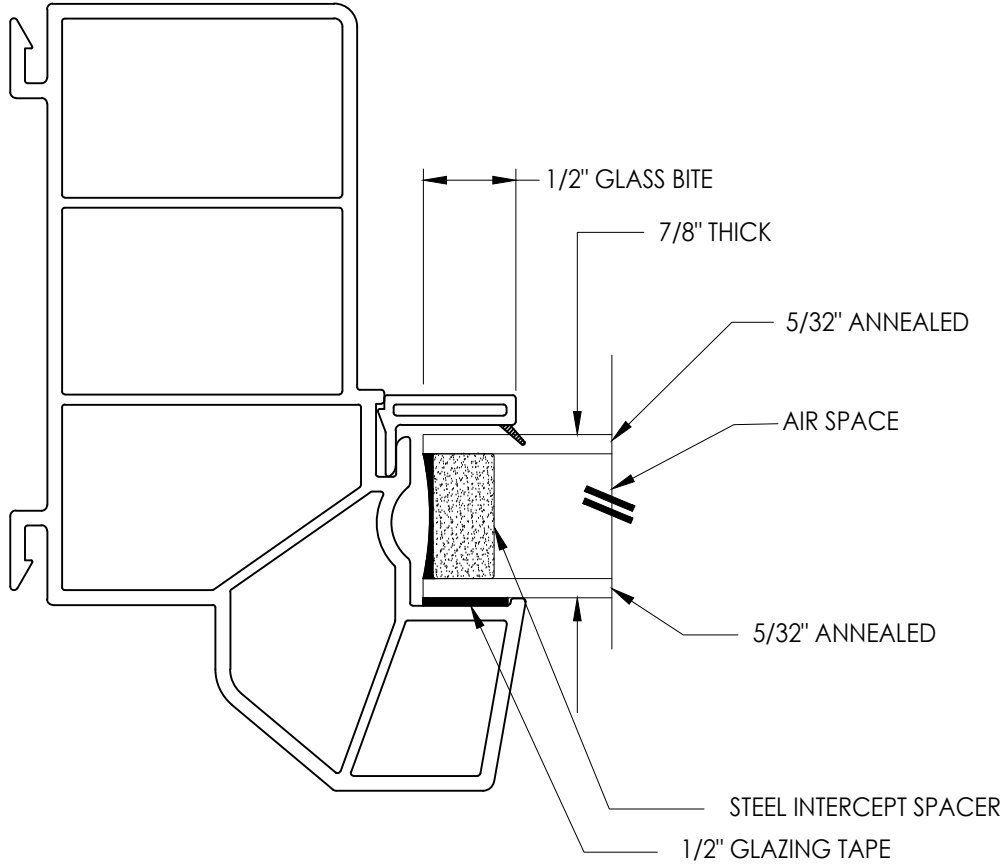
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SHEET 3 OF 4

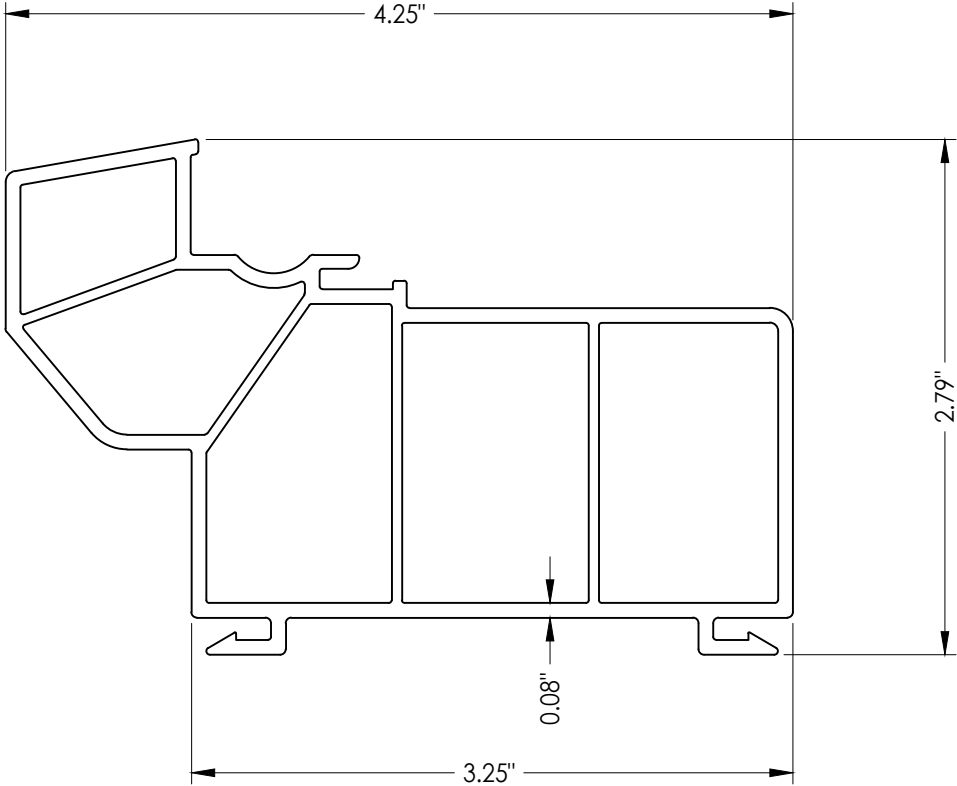
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW 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

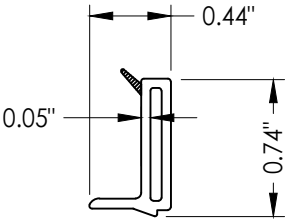
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATIONS PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL



1 FRAME



2 GLAZING BEAD

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PRODUCT: SOFT-LITE WINDOWS		PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL	
		LFS	
		FBC	
		FBC	
		FBC	
		FBC	
		FBC	
		JK	
		JK	
		BY	
		REVISIONS	
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