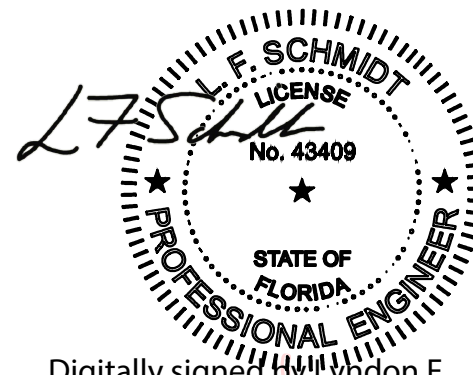
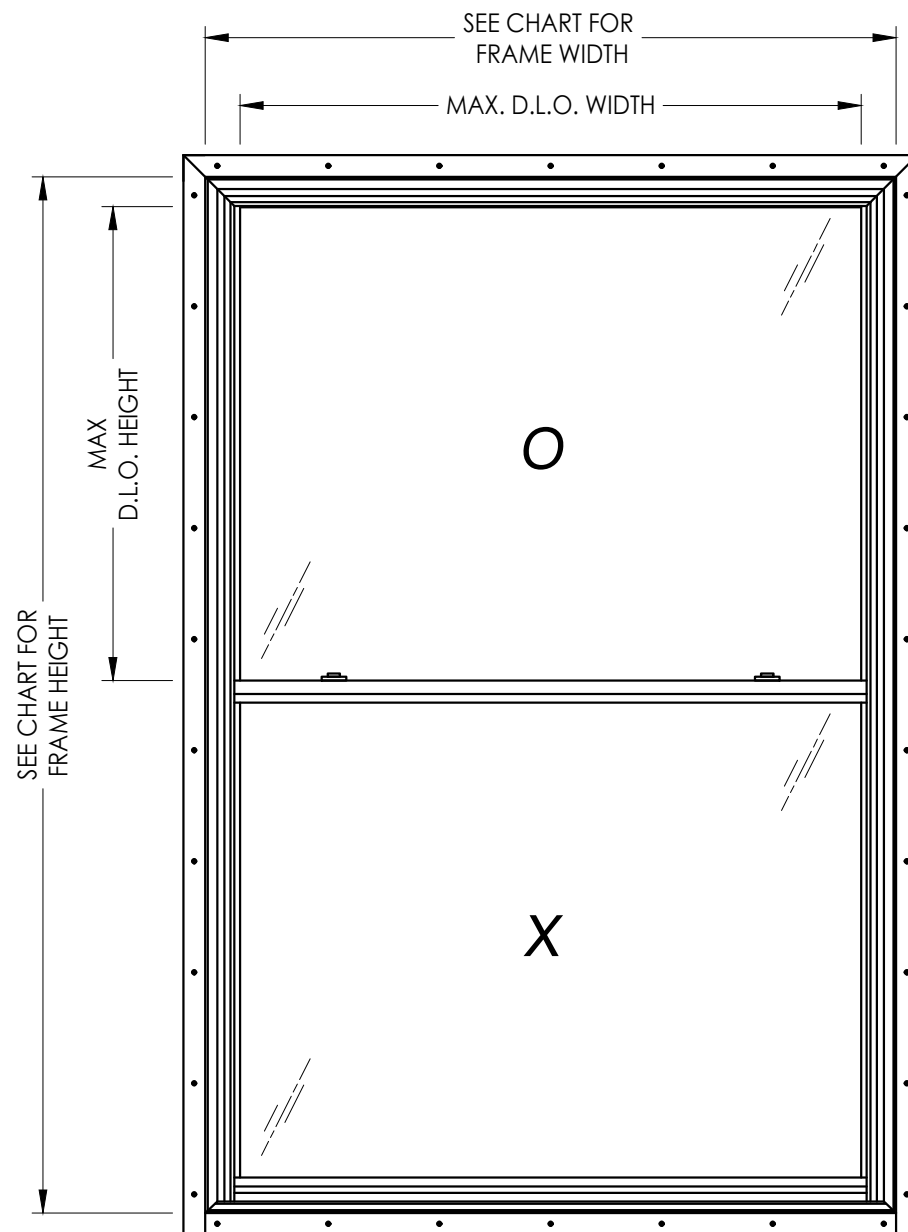


GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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. 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 cross sections
3	Vertical cross sections
4	Buck and frame anchoring
5	Bill of materials, components & glazing details



Digitally signed by Lyndon F Schmidt

Date: 2026.07.27 15:54:24 -04'00'

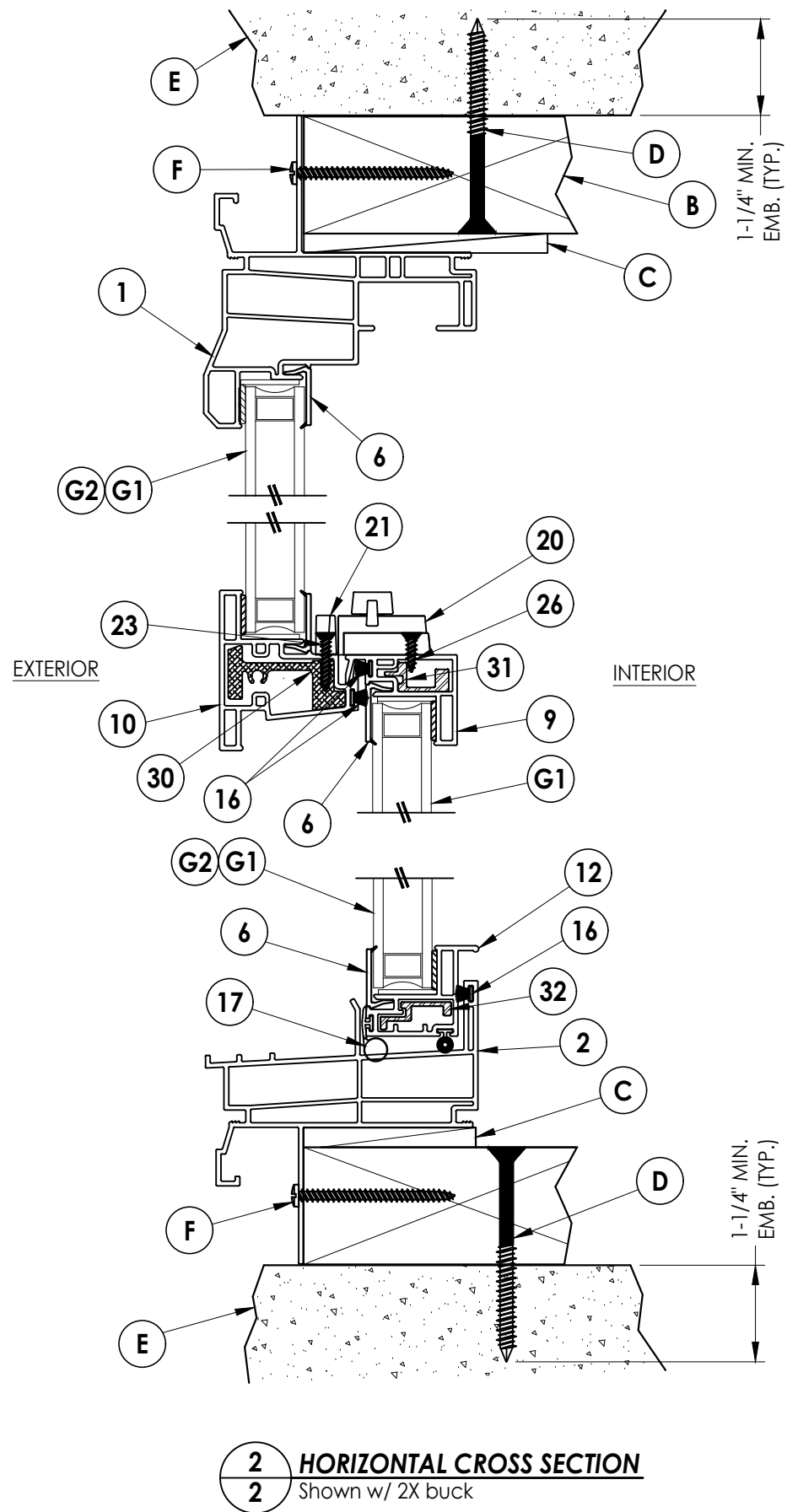
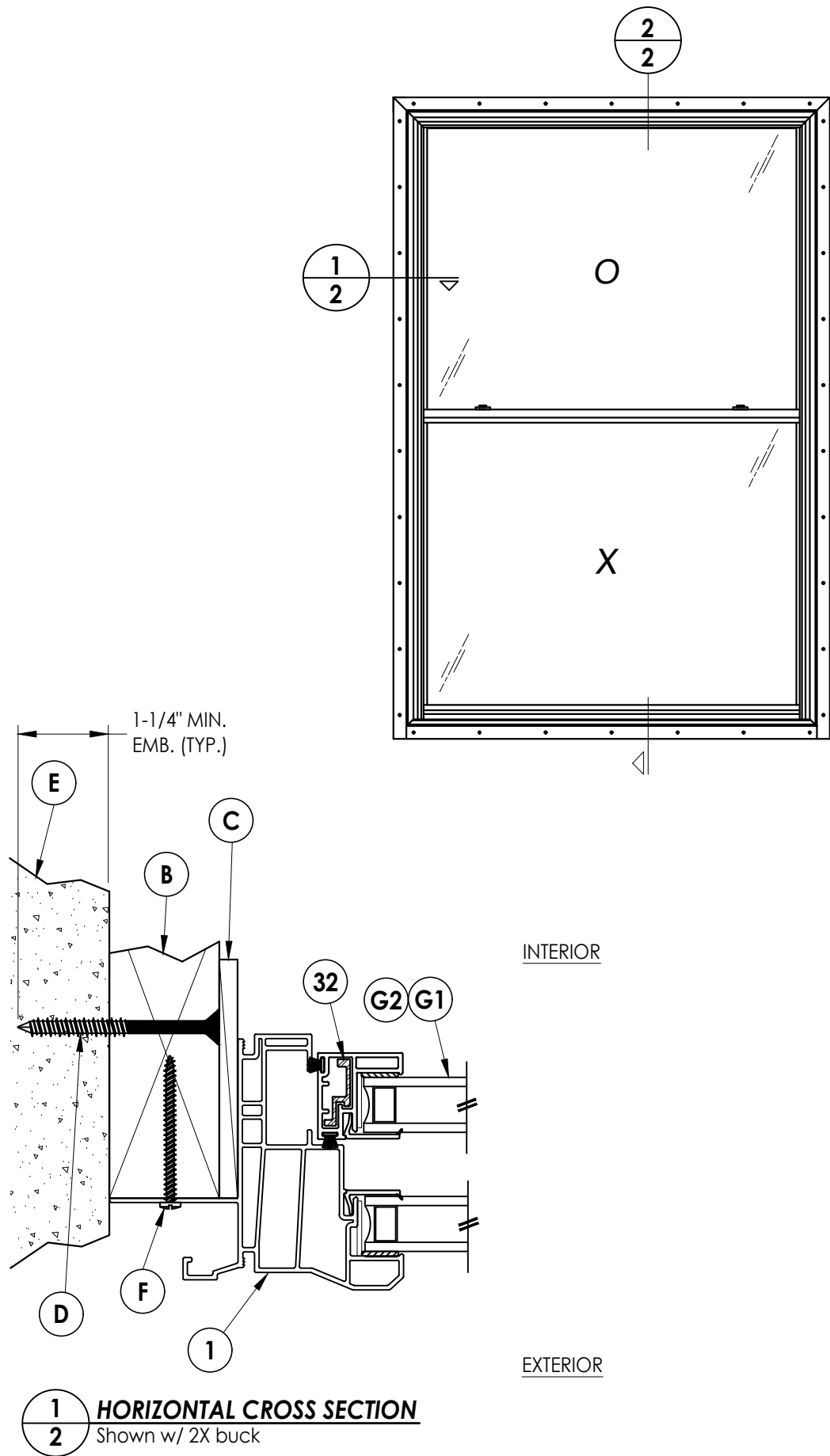
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

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

MAX. FRAME DIMENSION	MAX. FIXED D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)		BOTTOM RAIL REINFORCEMENT REQUIRED
			POSITIVE	NEGATIVE	
36.0" X 80.0"	31.5" X 36.75"	G1	+50.0	-50.0	YES
48.0" X 72.0"	43.5" X 32.75"	G2	+50.0	-50.0	YES
48.0" X 96.0"	43.5" X 55"	G2	+40.0	-40.0	NO
40.0" X 84.0"	35.5" X 38.5"	G2	+35.0	-35.0	YES
52.0" X 77.0"	47.5" X 35.25"	G2	+35.0	-35.0	YES
36.0" X 96.0"	31.5" X 44.75"	G2	+30.0	-30.0	NO
48.0" X 96.0"	43.5" X 44.75"	G3	+30.0	-30.0	NO

[illegible]

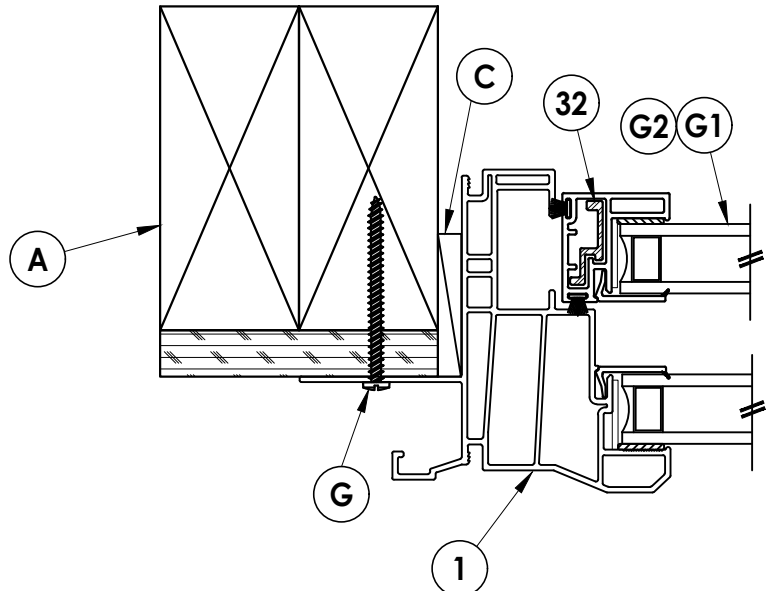


6	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS	
5	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS	
4	7/02/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS	
NO.	DATE				BY	
						REVISIONS
DATE: 2/11/15						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-17088.4						
SHEET	<u>2</u>		OF		<u>5</u>	

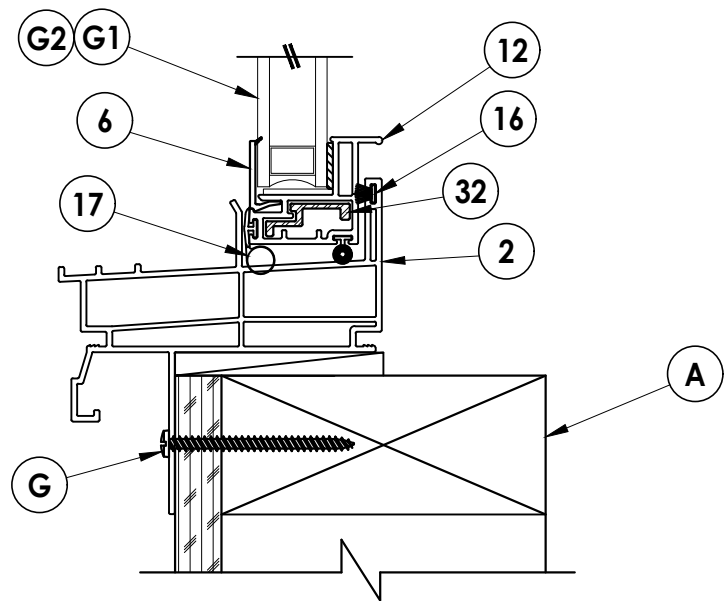
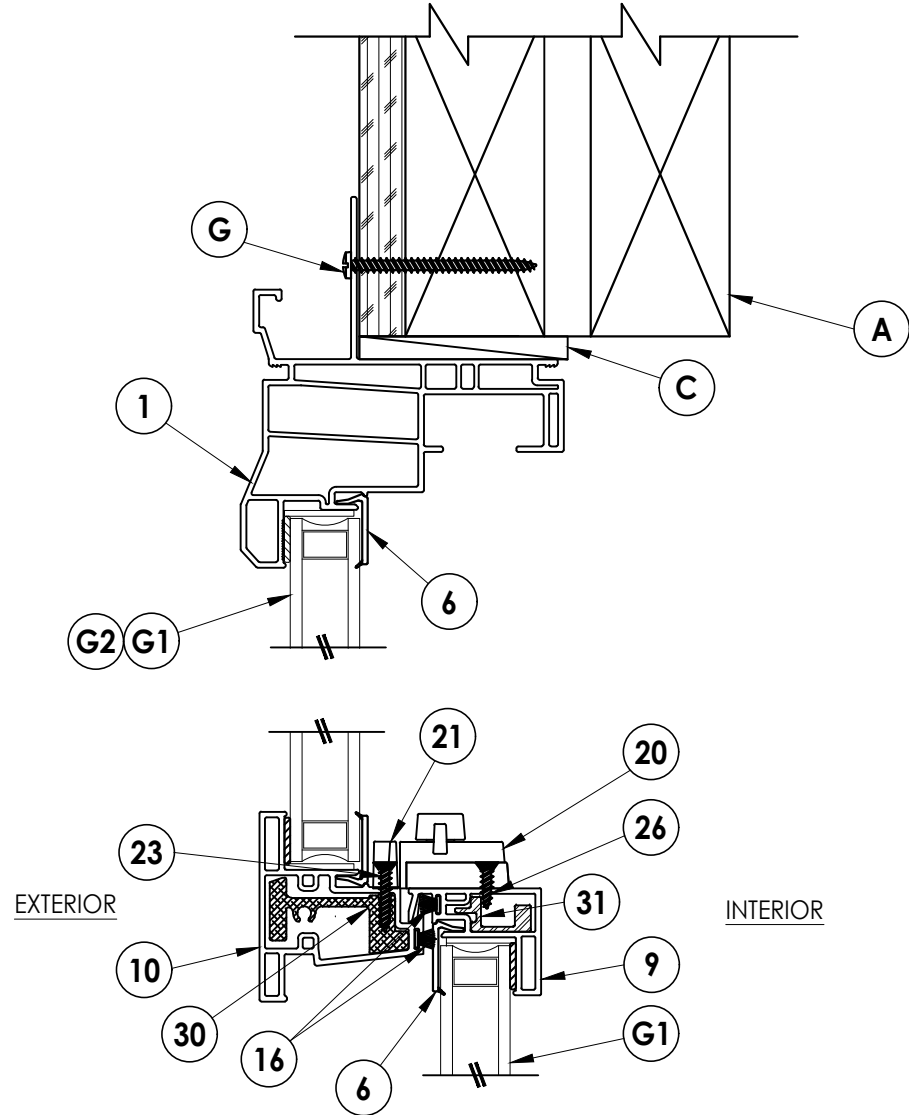
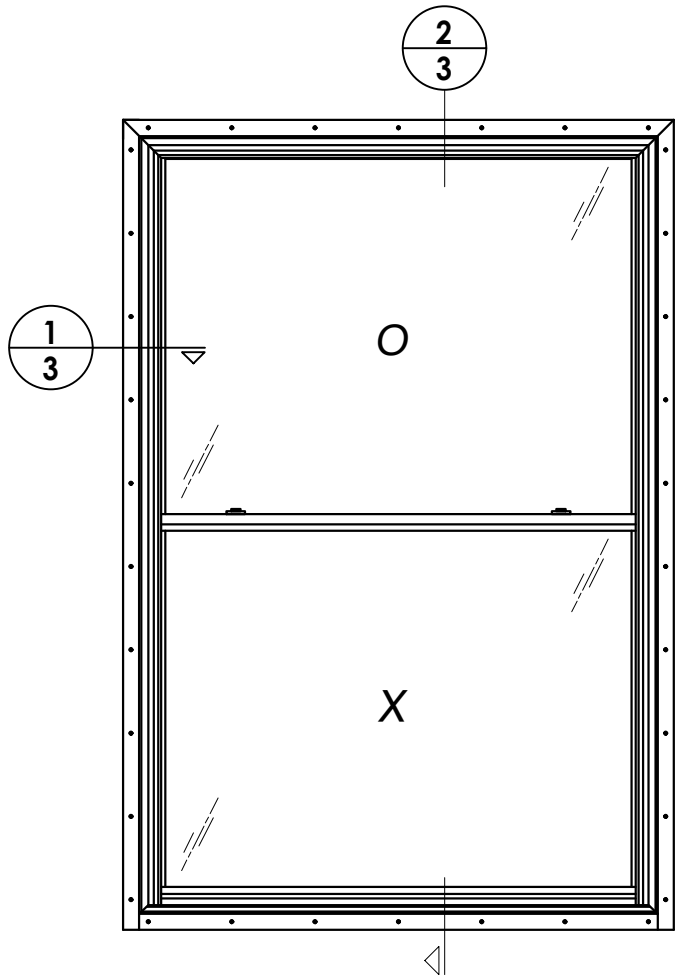
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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



2 HORIZONTAL CROSS SECTION
3 Shown w/ 2X framing

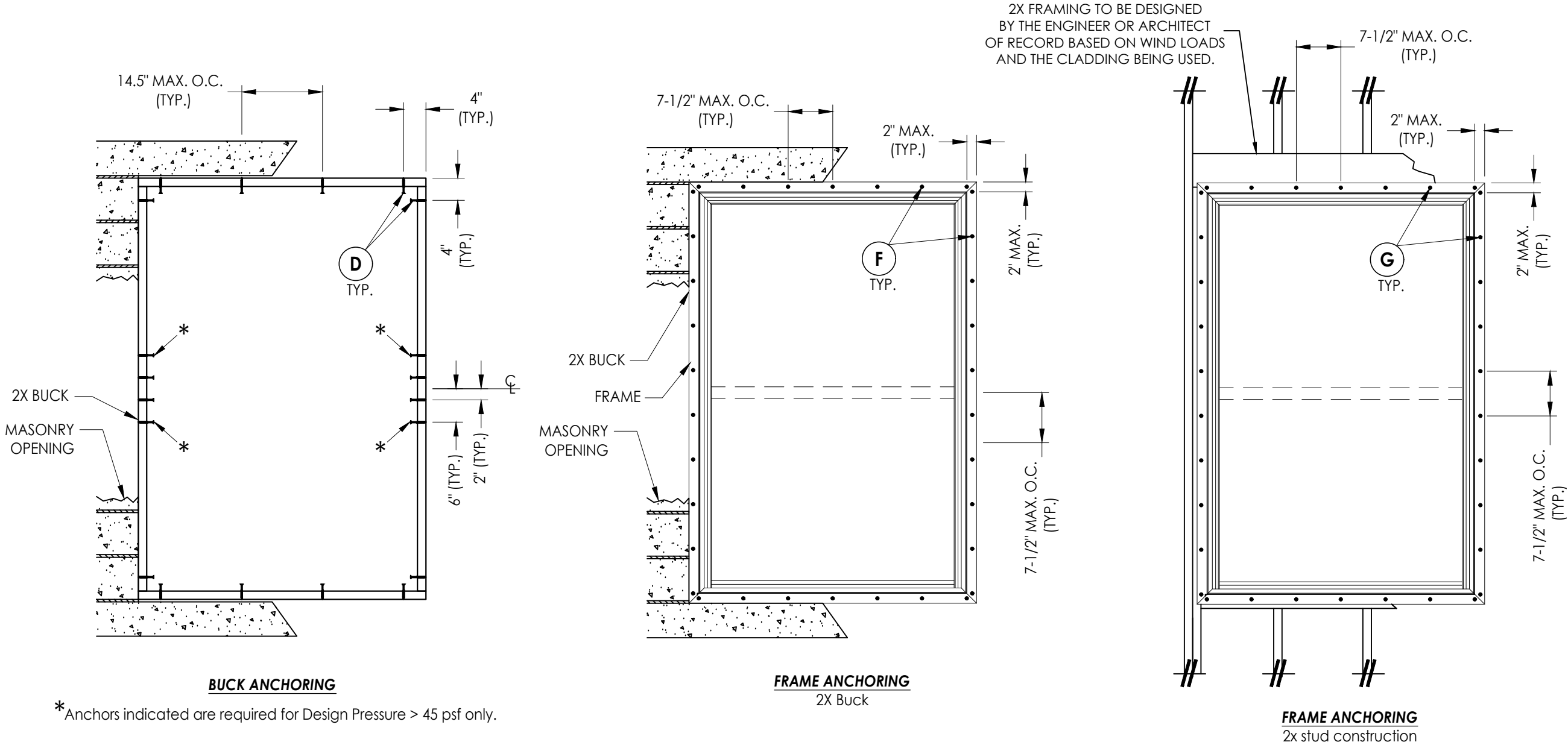
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PRODUCT: 500 SERIES Vinyl Single Hung Window	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS
--	---

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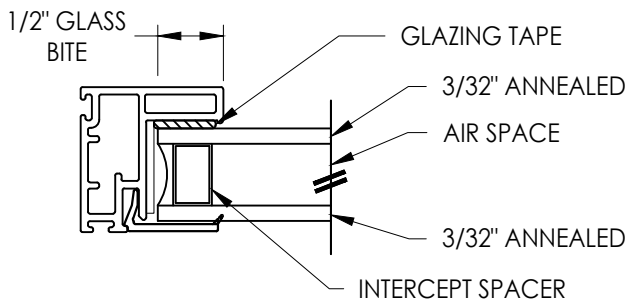


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: 500 SERIES Vinyl Single Hung Window		PART OR ASSEMBLY: BUCK AND FRAME ANCHORING	

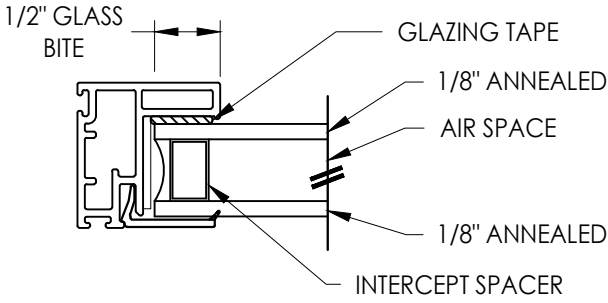
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2" PFH WOOD SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
G	#8 X 2-1/2" PFH WOOD SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
1	FRAME HEAD AND JAMB*	PVC
2	SILL*	PVC
5	SASH STILE*	PVC
6	GLAZING BEAD*	PVC
9	LOCK RAIL LOWER SASH*	PVC
10	STAYBAR*	PVC
12	BOTTOM RAIL LOWER SASH*	PVC
16	WEATHERSTRIP ULTRA FAB .270 PILE - 270 -1875B	-
17	WEATHERSTRIP SILLBULB (AMESBURY 32690)	-
20	LOCK 8513 / 8845 LAWRENCE	PVC
21	KEEPER 2700 - 214 LAWRENCE	PVC
23	#6 X 3/4" PFH (VINYL LOCK SCREWS)	STEEL
24	SASH TILT LATCH - ASHLAND	PVC
26	#6 X 1/2" PFH (VINYL LOCK SCREWS)	STEEL
30	REINFORCEMENT (FIXED MEETING RAIL) ALUM. 6063-T6	ALUM
31	REINFORCEMENT (MEETING RAIL) ALUM. 6063-T6	ALUM
32	REINFORCEMENT (SASH STILES, BTM. RAIL) ALUM. 6063-T6	ALUM

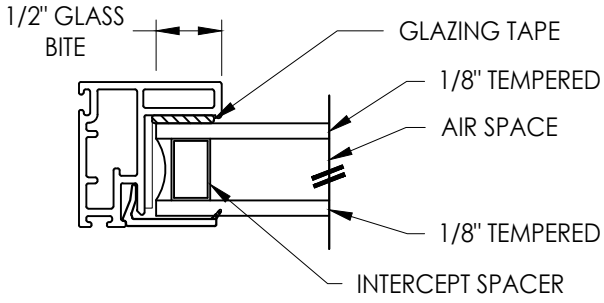
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



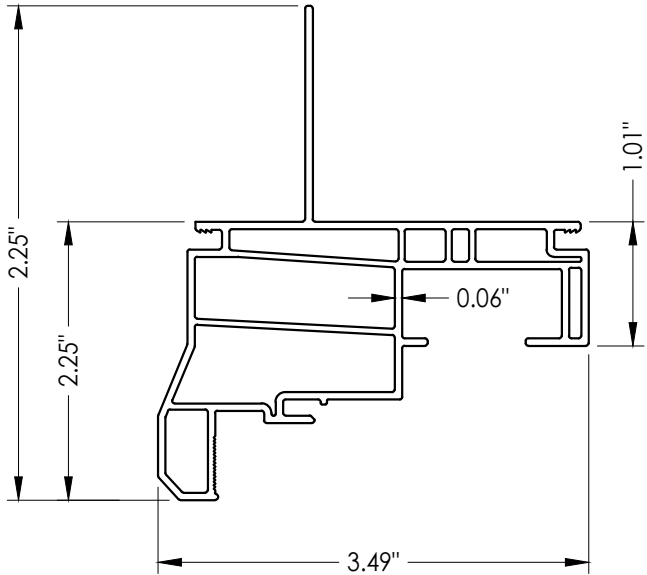
G1 GLAZING DETAIL



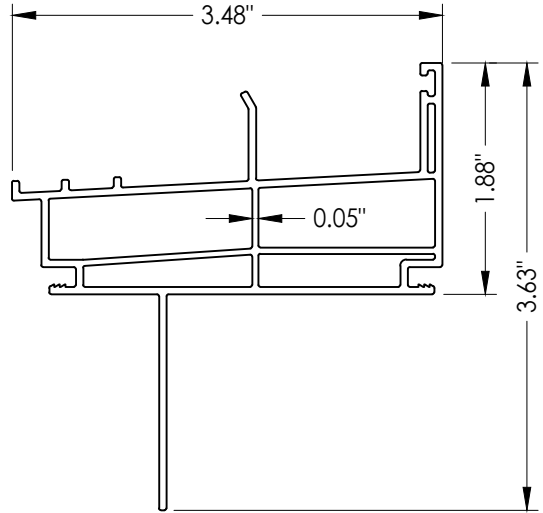
G2 GLAZING DETAIL



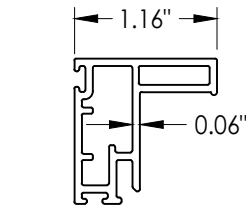
G3 GLAZING DETAIL



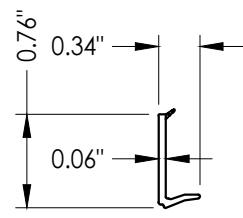
1 FRAME HEAD & JAMB



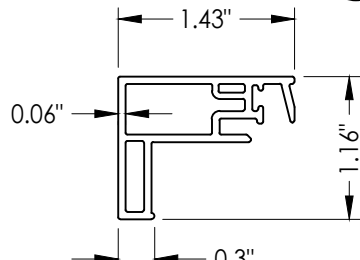
2 SILL



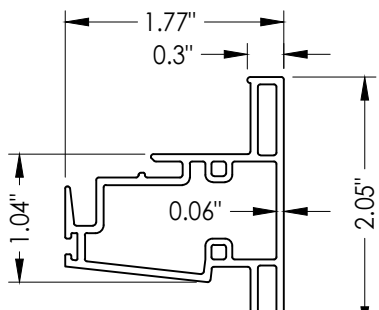
5 SASH STILE



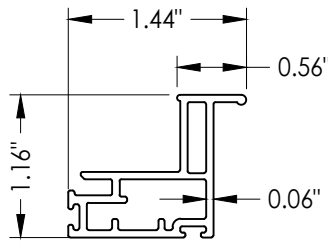
6 GLAZING BEAD



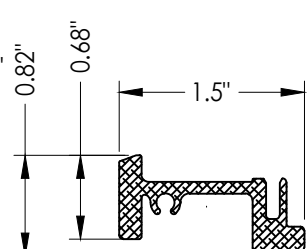
9 LOCK RAIL
Lower Sash



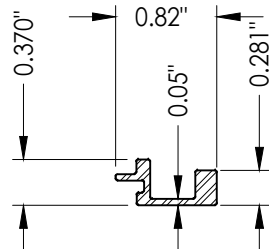
10 STAYBAR



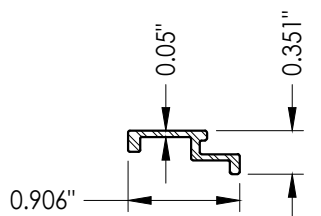
12 BOTTOM RAIL
Lower Sash



30 REINFORCEMENT
FIXED MEETING RAIL



31 REINFORCEMENT
MEETING RAIL



32 REINFORCEMENT
SASH STILE/BTM. RAIL

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: 500 SERIES
Vinyl Single Hung Window

PART OR ASSEMBLY:
BILL OF MATERIALS
COMPONENTS & GLAZING DETAILS

NO.	DATE	BY	REVISIONS
6	7/01/26	UPDATE TO 9TH ED.	(2026) FBC LFS
5	7/06/23	UPDATE TO 8TH ED.	(2023) FBC LFS
4	7/02/20	UPDATE TO 7TH ED.	(2020) FBC LFS

DATE: 2/11/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17088.4

SHEET 5 OF 5