

BRANNEN MILLWORK

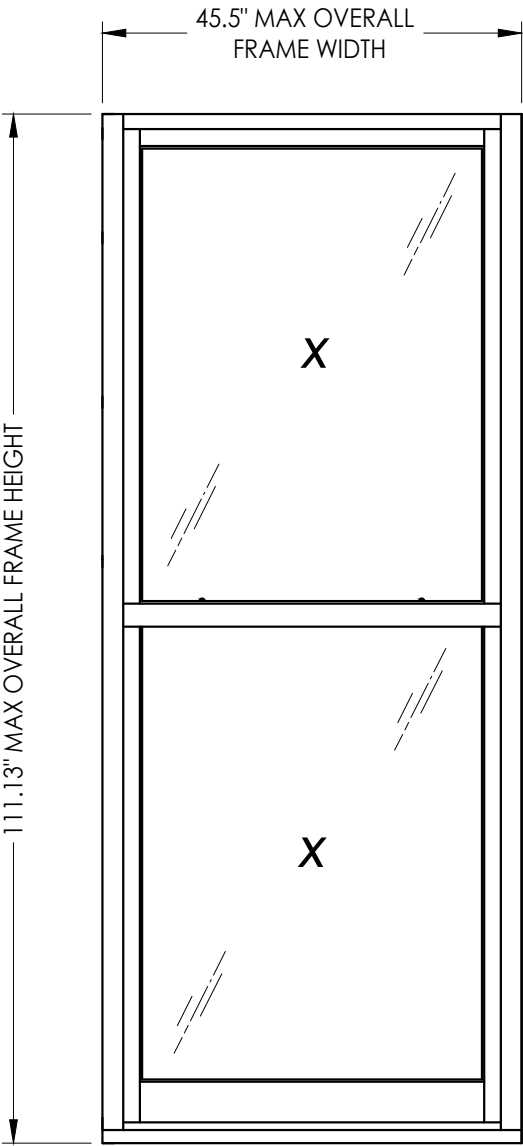
3379 EAST HWY. 46
REGISTER, GEORGIA 30452

SERIES 580 DOUBLE HUNG WINDOW "IMPACT"

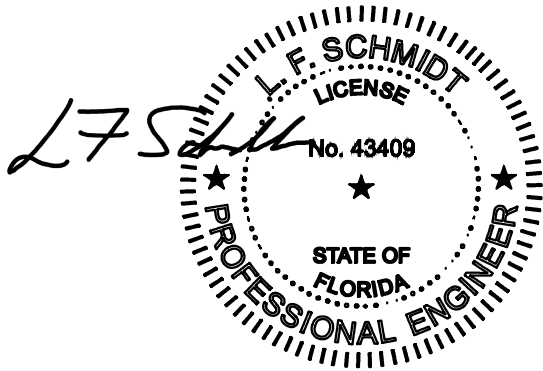
GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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 E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction. 2X stud framing to be designed by the Engineer or Architect of Record based upon the applicable wind load design criteria.
- 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 elevation, design pressures, & general notes
2	Horizontal cross sections - masonry construction
3	Vertical cross sections - masonry construction
4	Horizontal cross sections - stud construction
5	Vertical cross sections - stud construction
6	Buck & frame anchoring
7	Panel & glazing details
8	Bill of materials & components



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
45.5" x 111.13"	37.0" x 49.13"	G1	+65.0	-70.0
45.5" x 98.0"	37.0" x 42.31"	G2	+60.0	-65.0



Digitally signed by Lyndon F Schmidt
Date: 2023.10.11 09:40:38 -04'00'

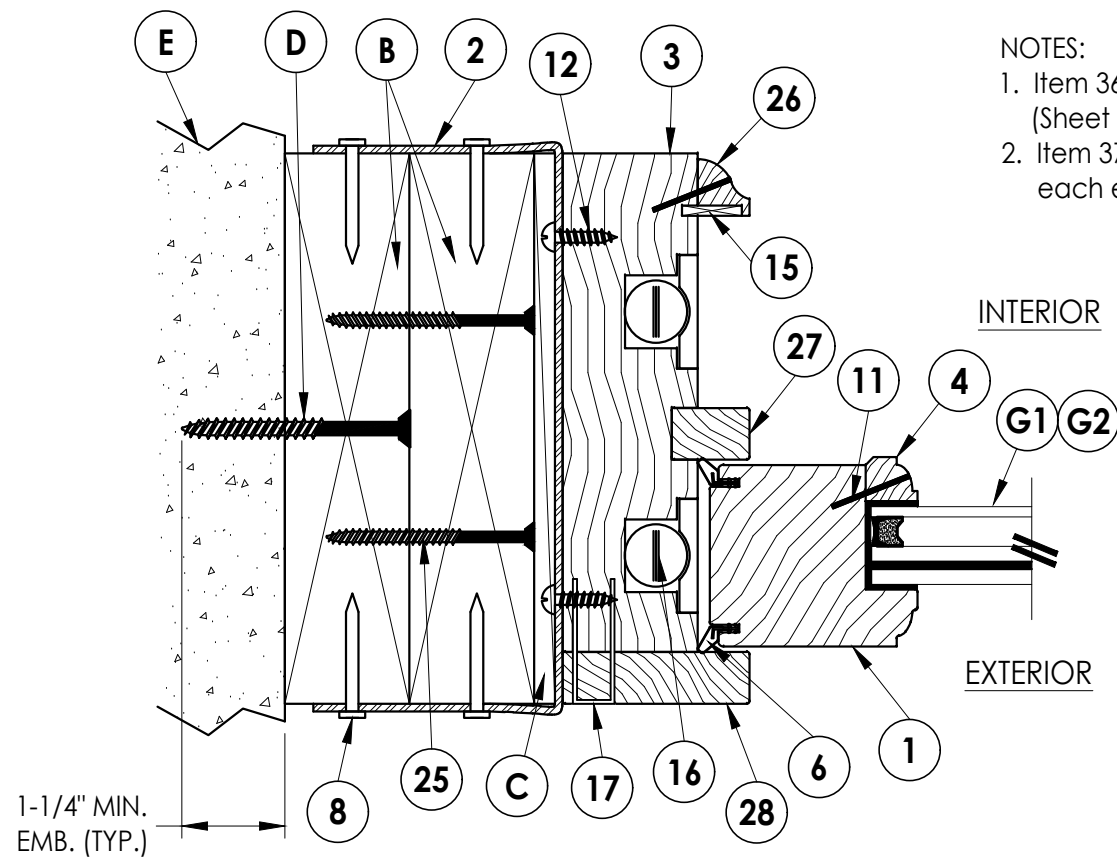
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

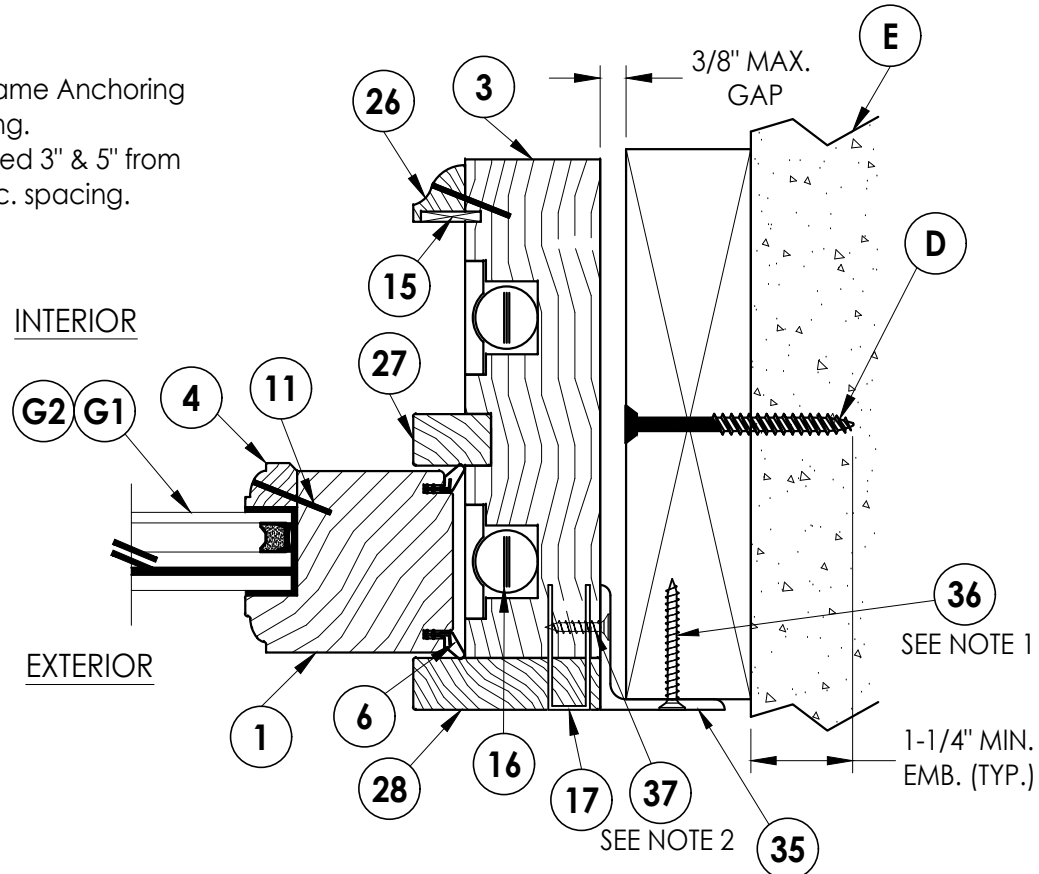
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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: BRANNEN MILLWORKS DOUBLE HUNG WINDOW		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		
6	9/13/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
4	7/10/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
3	02/15/16	ADD ALTERNATE FLANGE ANCHORING		LFS
2	08/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	1/26/12	UPDATE TO 2010 FBC		KV
NO.	DATE			BY
REVISIONS				
DATE: 10/2/08				
SCALE: N.T.S.				
DWG. BY: AL				
CHK. BY: LFS				
DRAWING NO.: FL-11474.1				
SHEET 1 OF 8				

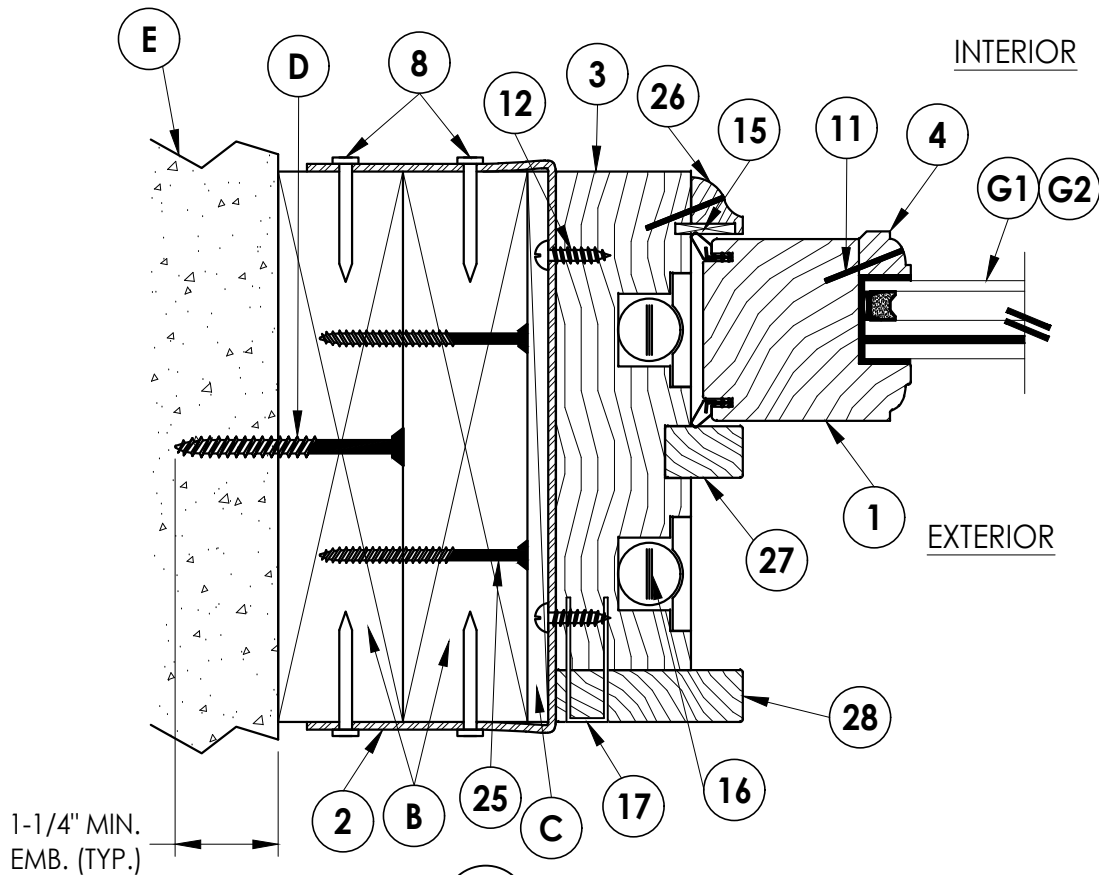
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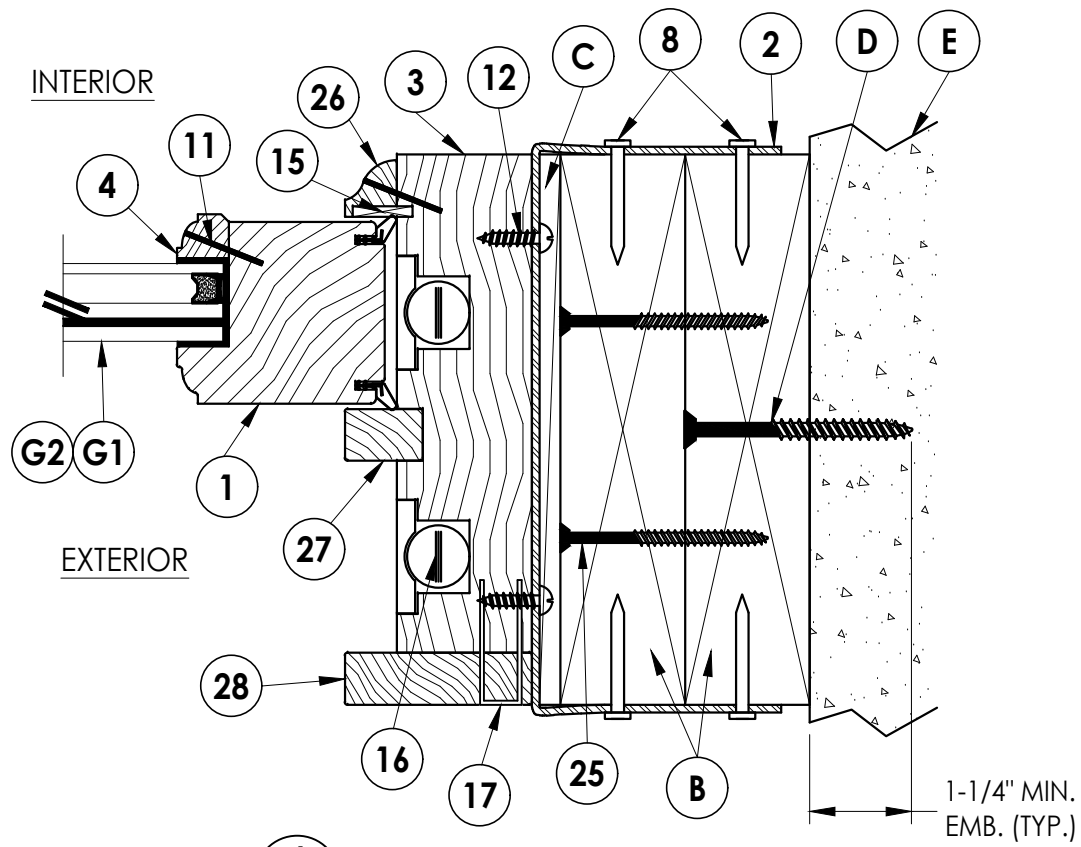
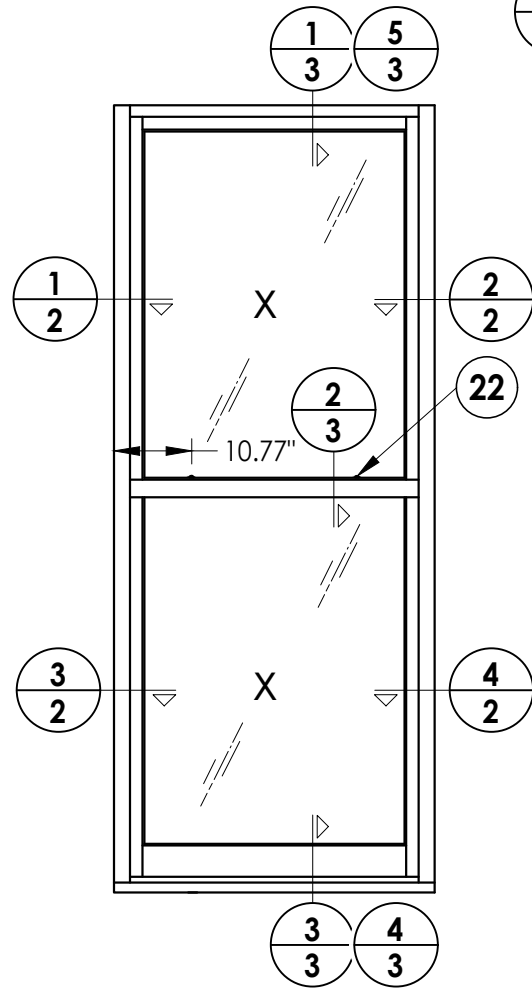
1
2 HORIZONTAL CROSS SECTION



2
2 HORIZONTAL CROSS SECTION
Shown w/ Alternate Flange Anchor



3
2 HORIZONTAL CROSS SECTION



4
2 HORIZONTAL CROSS SECTION

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PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS
MASONRY CONSTRUCTION

NO.	DATE	REVISIONS
6	9/13/23	UPDATE TO 8TH ED. (2023) FBC
5	9/16/20	UPDATE TO 7TH ED. (2020) FBC
4	7/10/17	UPDATE TO 6TH ED. (2017) FBC
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2	08/03/15	UPDATE TO 5TH ED. (2014) FBC
1	1/26/12	UPDATE TO 2010 FBC
NO.	DATE	BY

DATE: 10/2/08

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

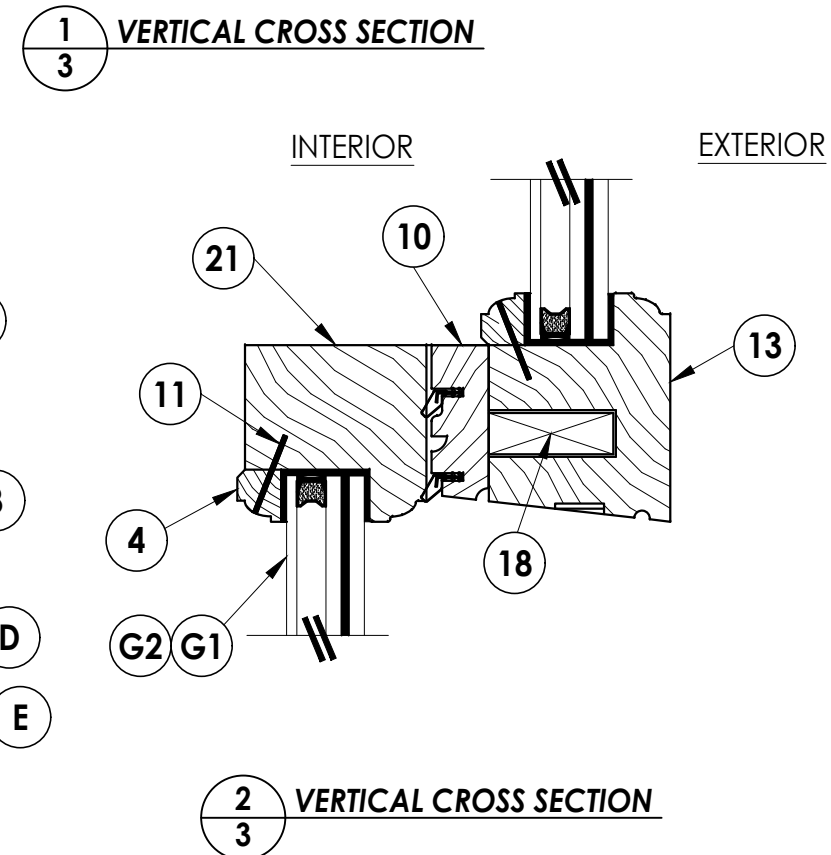
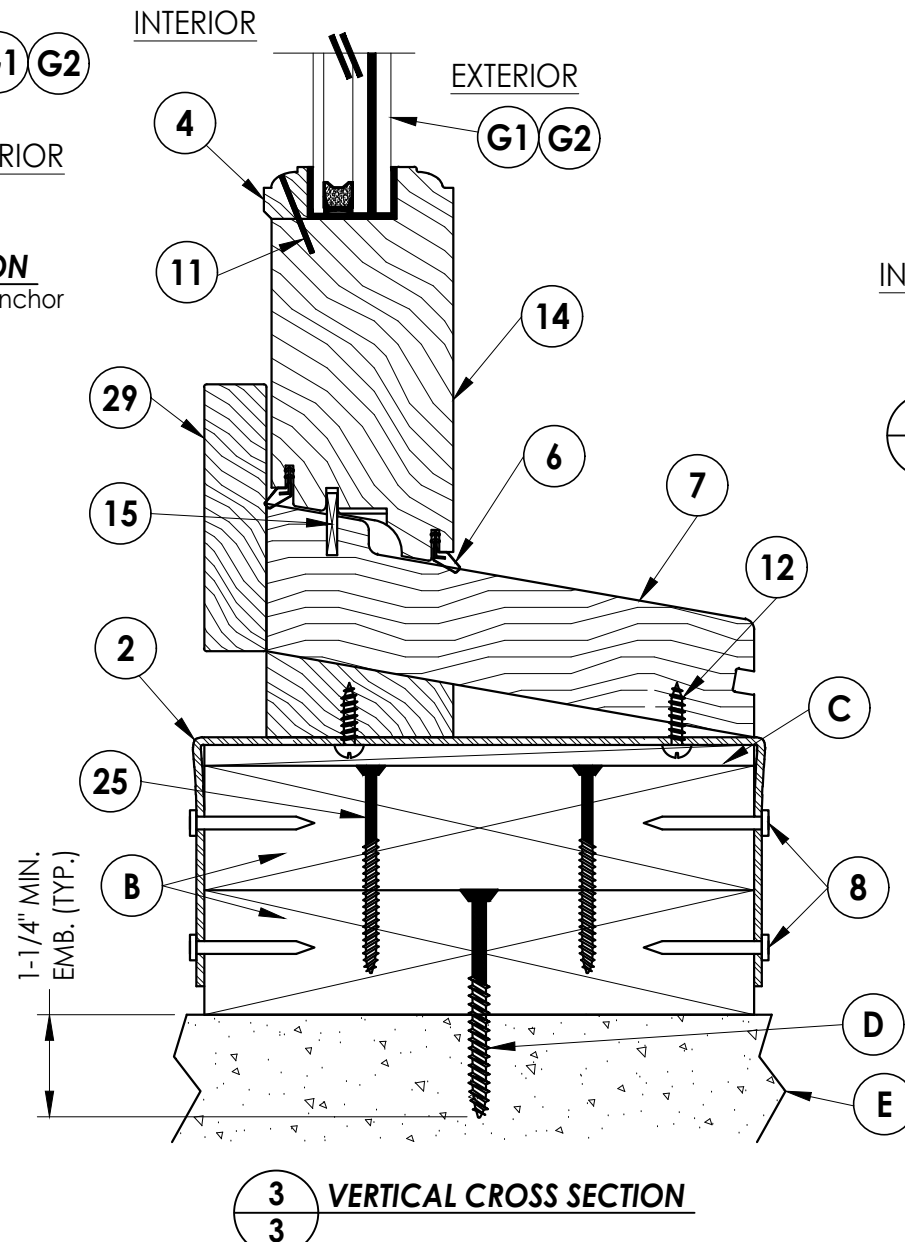
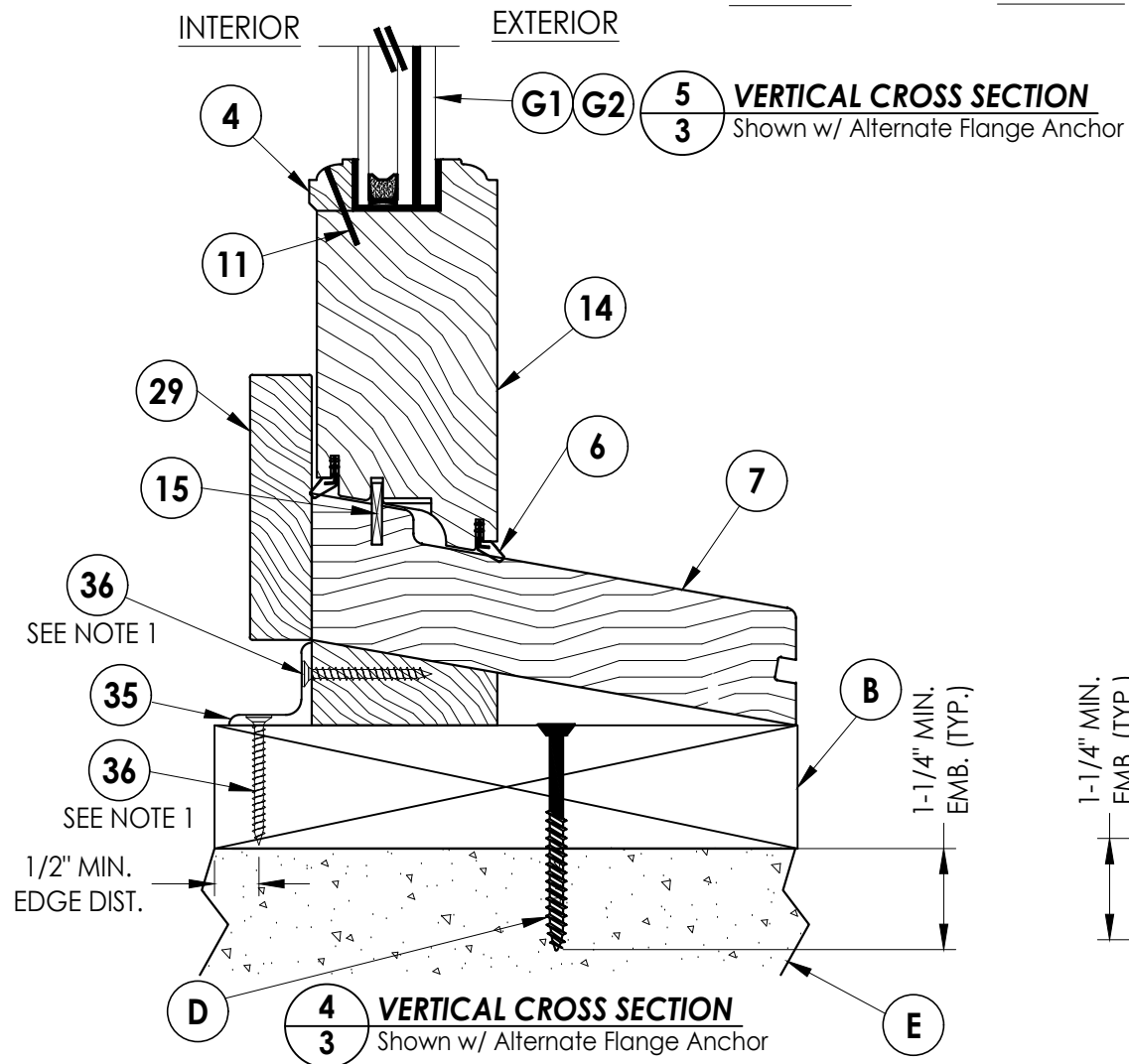
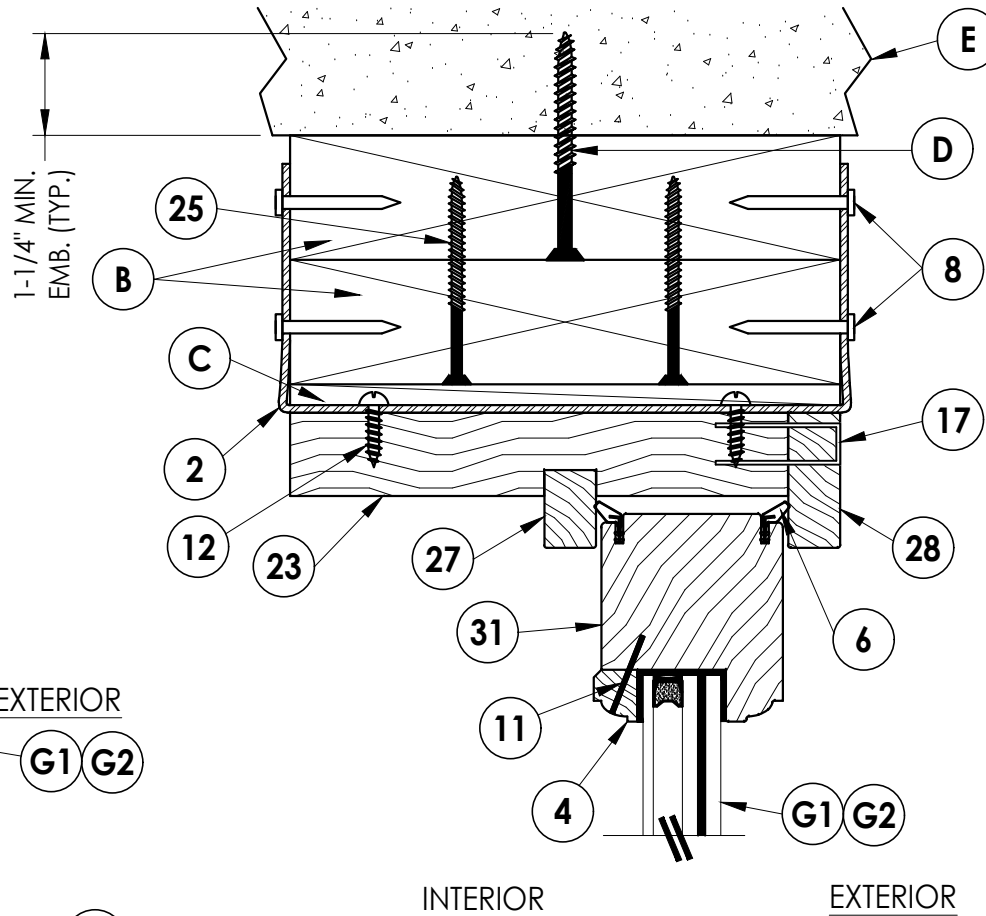
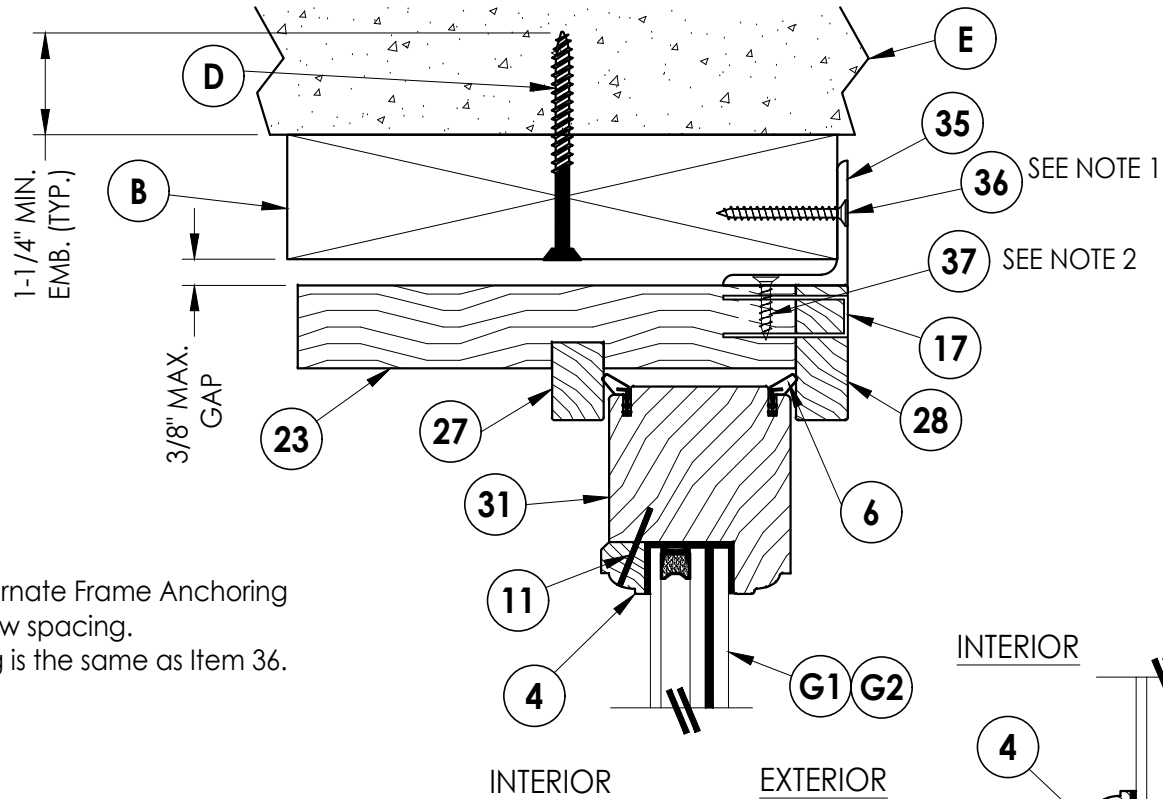
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FL-11474.1

SHEET 2 OF 8

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- NOTES:
- Item 36: See Alternate Frame Anchoring (Sheet 6) for screw spacing.
 - Item 37: Spacing is the same as Item 36.



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PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS
MASONRY CONSTRUCTION

NO.	DATE	REVISIONS				
		LFS	FBC	FBC	FBC	BY
6	9/13/23	UPDATE TO 8TH ED. (2023)	FBC			
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1	1/26/12	UPDATE TO 2010 FBC				

DATE: 10/2/08

SCALE: N.T.S.

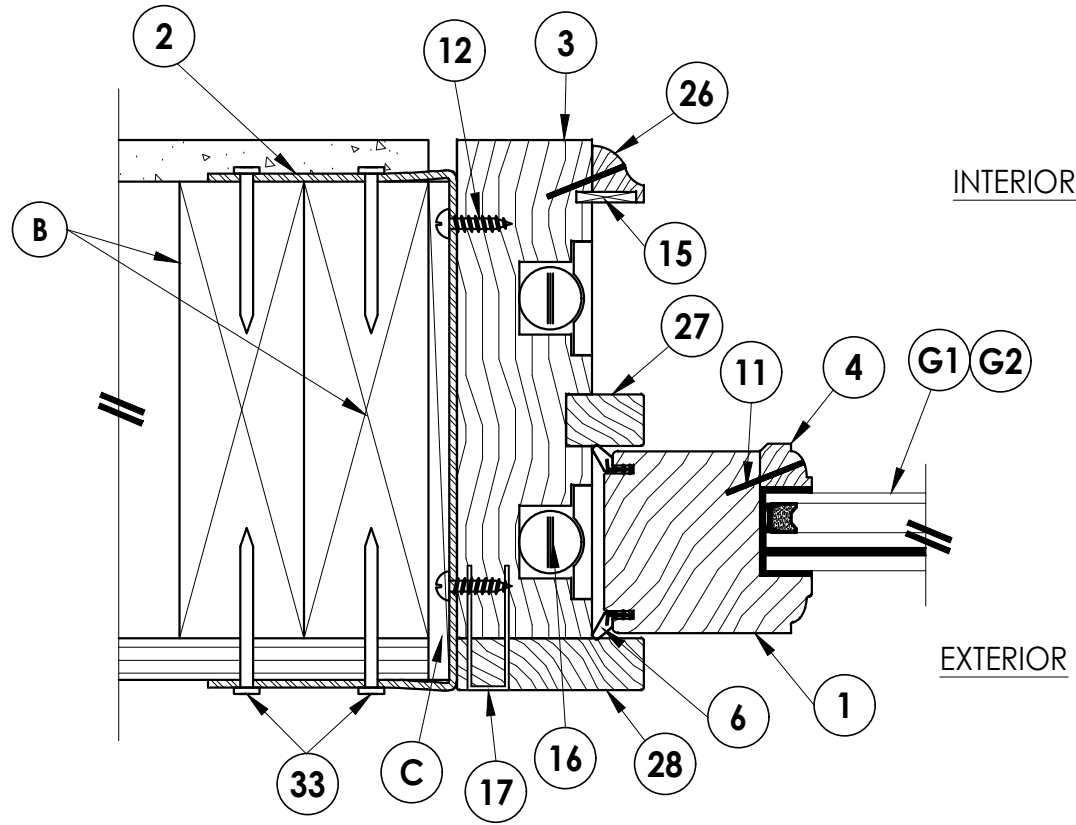
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CHK. BY: LFS

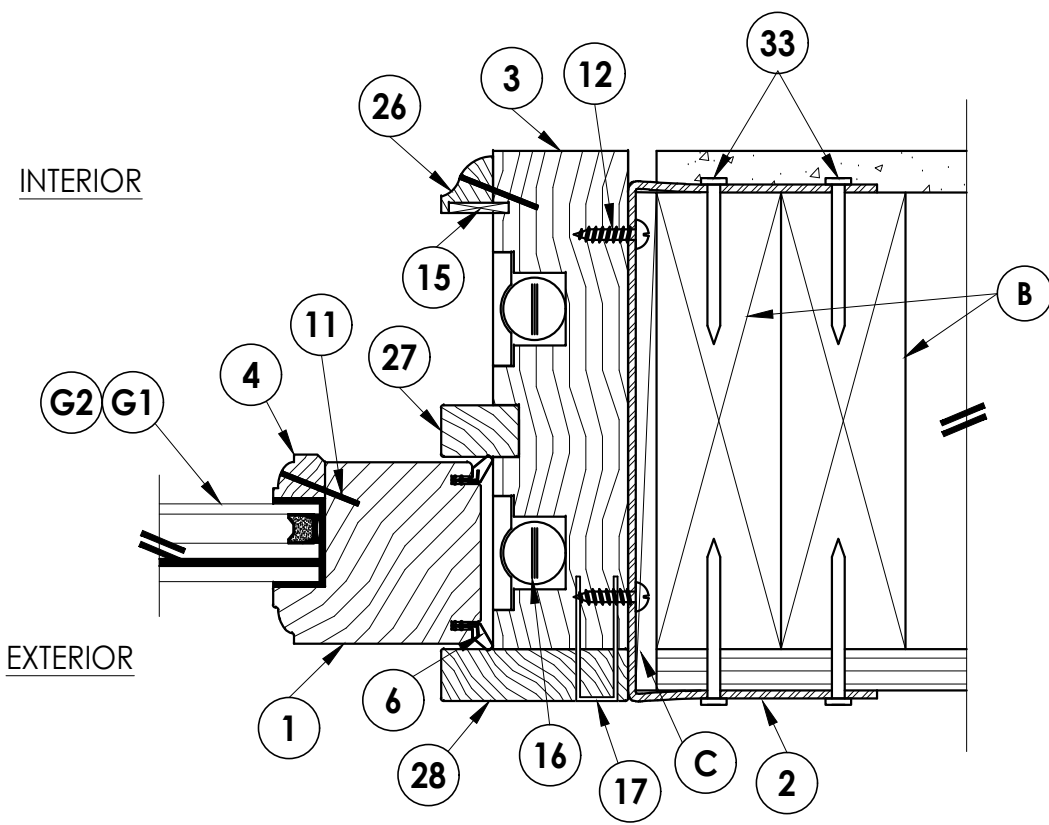
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SHEET 3 OF 8

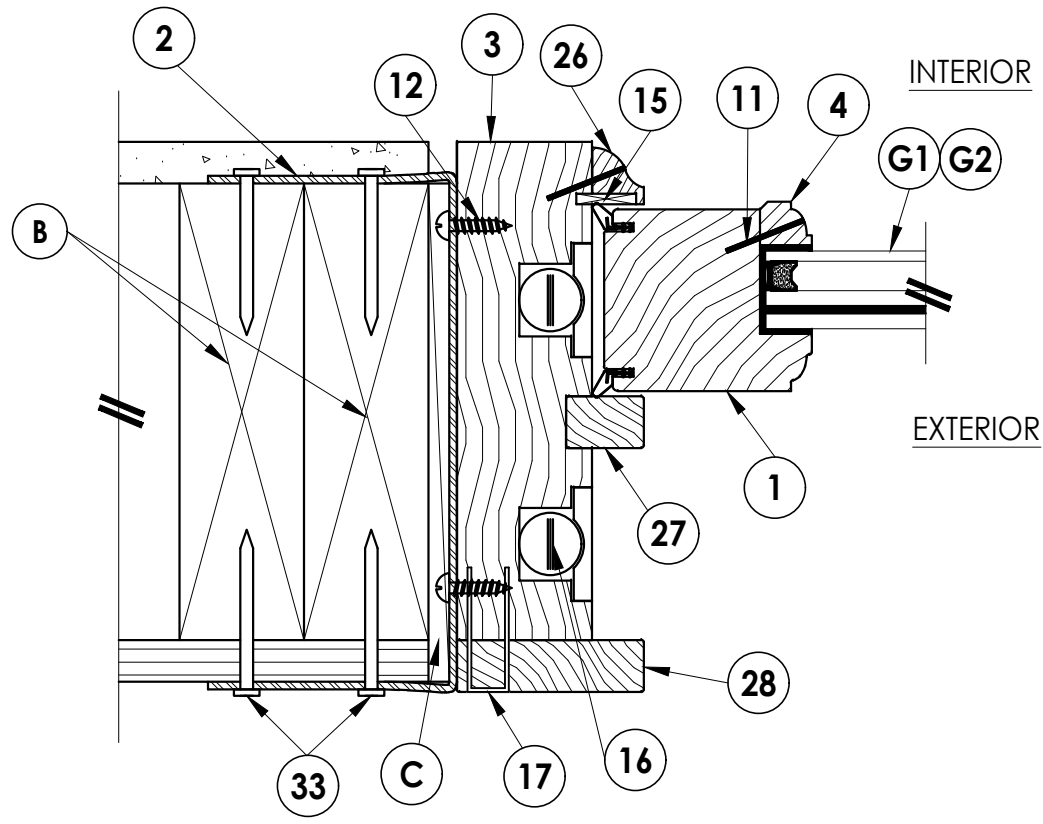
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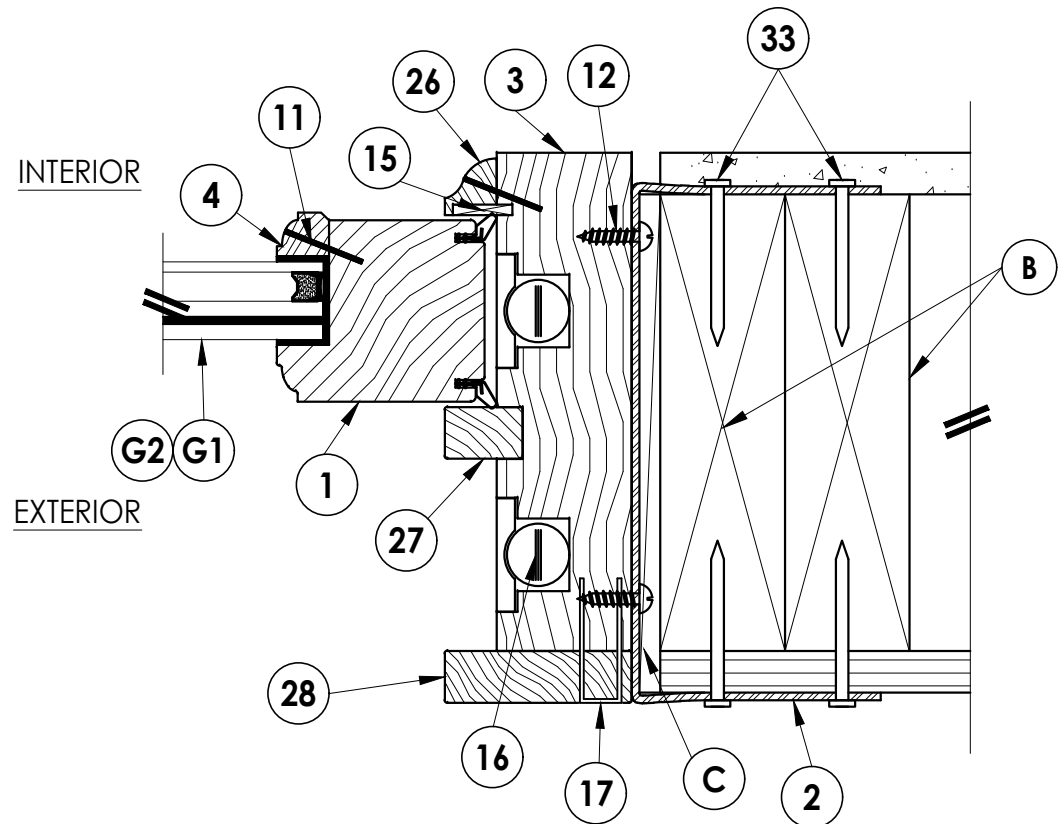
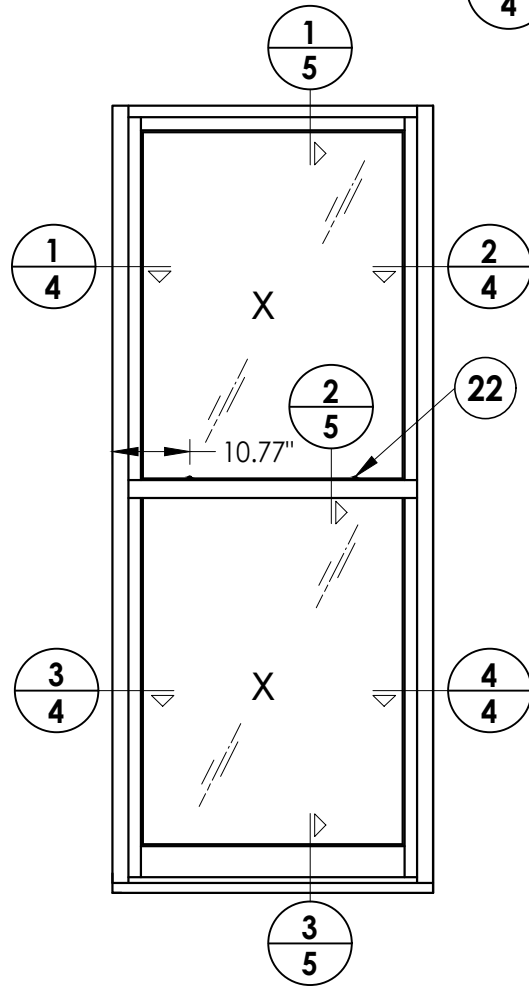
1/4 HORIZONTAL CROSS SECTION



2/4 HORIZONTAL CROSS SECTION



3/4 HORIZONTAL CROSS SECTION



4/4 HORIZONTAL CROSS SECTION

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PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS
STUD CONSTRUCTION

NO.	DATE	REVISIONS
6	9/13/23	UPDATE TO 8TH ED. (2023) FBC
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DATE: 10/2/08

SCALE: N.T.S.

DWG. BY: AL

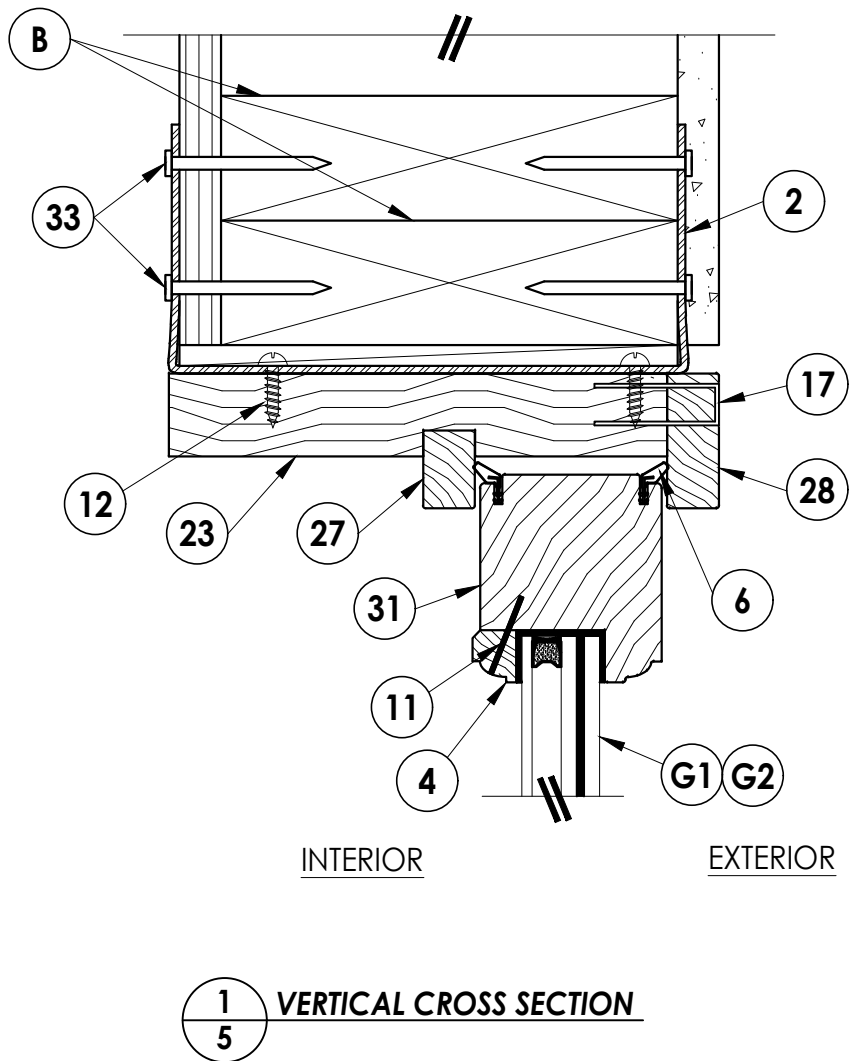
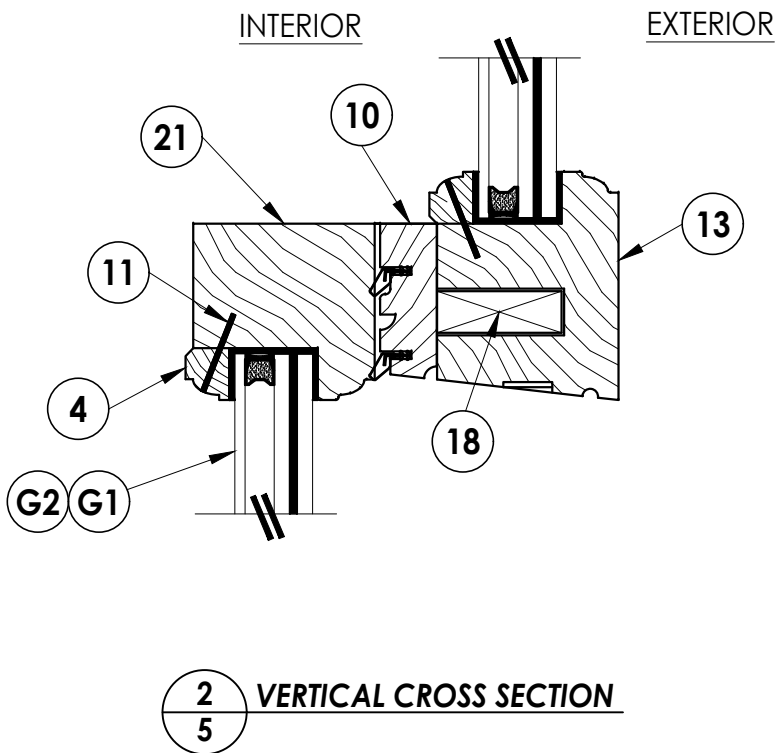
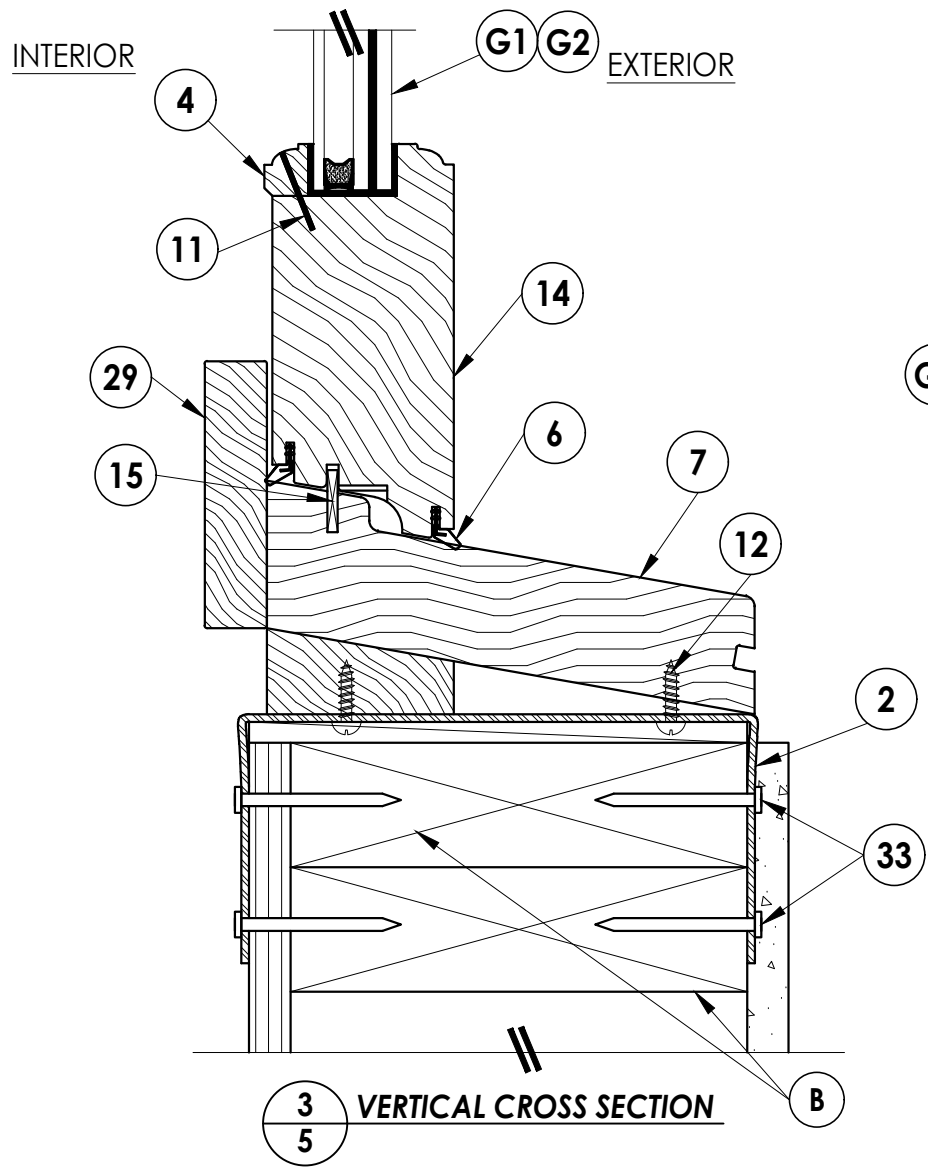
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SHEET 4 OF 8

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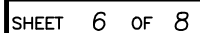


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				BY		

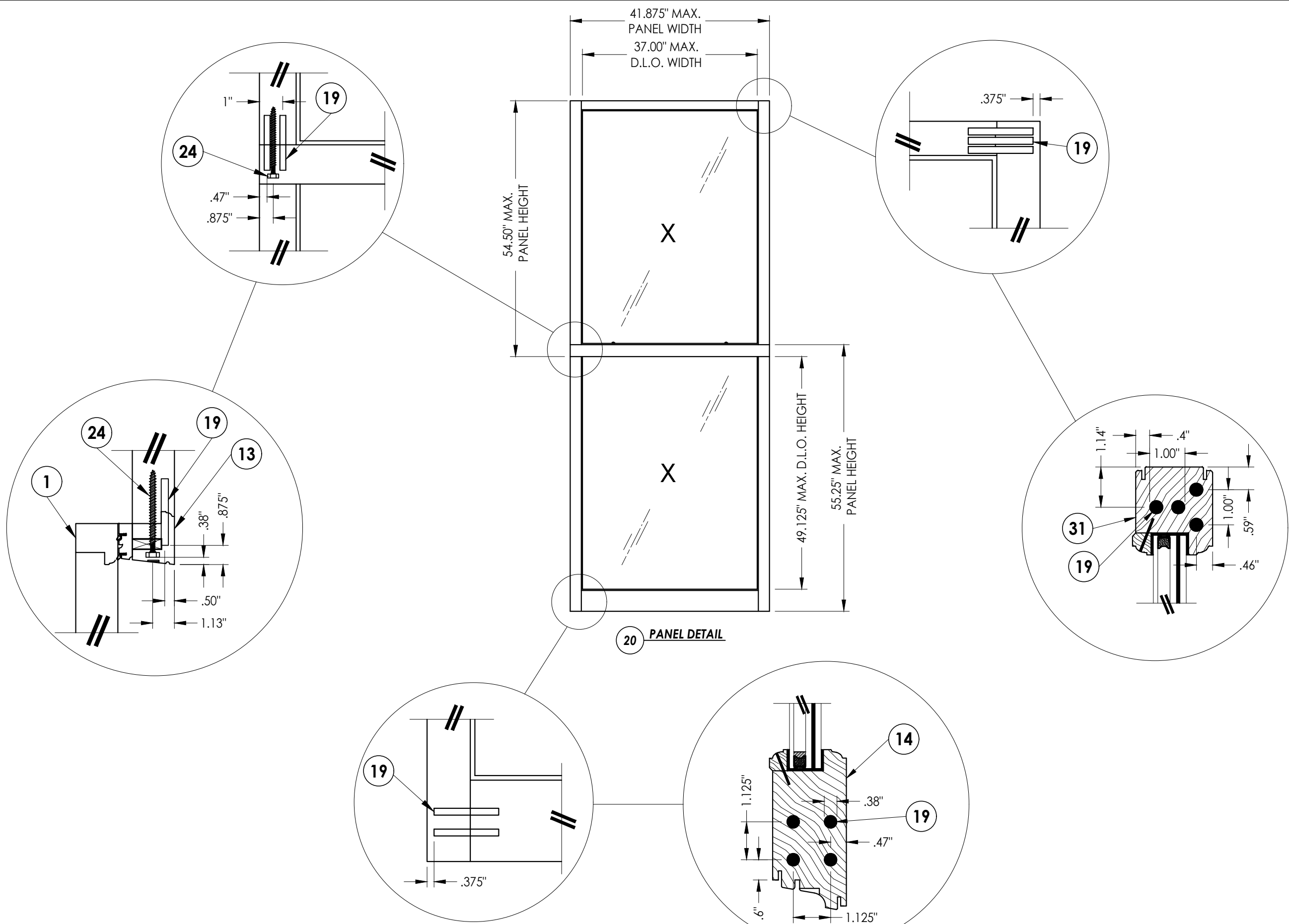
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DWG. BY: AL
CHK. BY: LFS
DRAWING NO.: FL-11474.1
SHEET 5 OF 8

PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS
STUD CONSTRUCTION

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20 PANEL DETAIL

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PRODUCT: BRANNEN MILLWORKS DOUBLE HUNG WINDOW										PART OR ASSEMBLY: PANEL DETAILS																			
6	9/13/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	REVISIONS																								
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SHEET 7 OF 8																													

