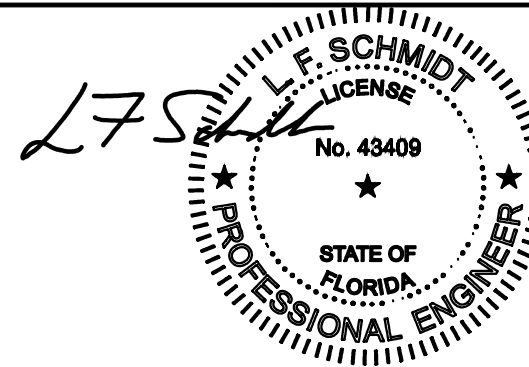


**3379 EAST HWY. 46
REGISTER, GEORGIA 30452**

GENERAL NOTES:

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including 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 the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
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.
6. This product meets water infiltration requirements for "HVHZ".

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal and vertical cross sections
3	Buck anchoring
4	Frame anchoring
5	Panel details
6	Components and glazing detail
7	Components and bill of materials

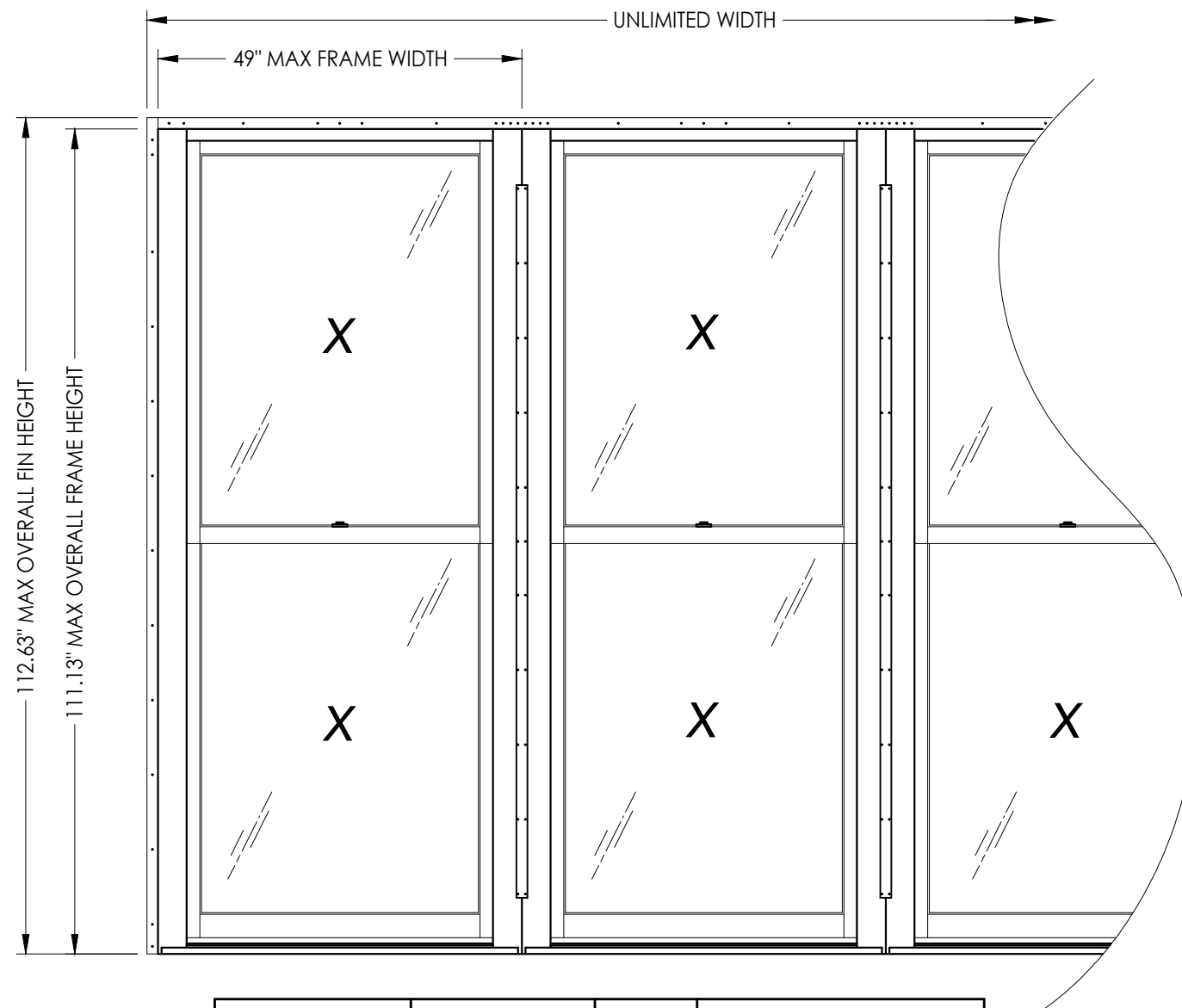


Digitally signed by Lyndon F Schmidt
Date: 2023.10.11 09:46:21 -04'00'

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	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
49.0" x 111.13"	37.25" X 49.75"	G1	+60.0	-65.0
49.0" x 98.0"	37.25" X 42.31"	G2	+60.0	-65.0

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

PRODUCT: BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

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

3	9/13/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	9/16/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	7/10/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS
NO.	DATE				BY
					REVISIONS

DATE: 02/16/16

SCALE: N.T.S.

DWG. BY: JK

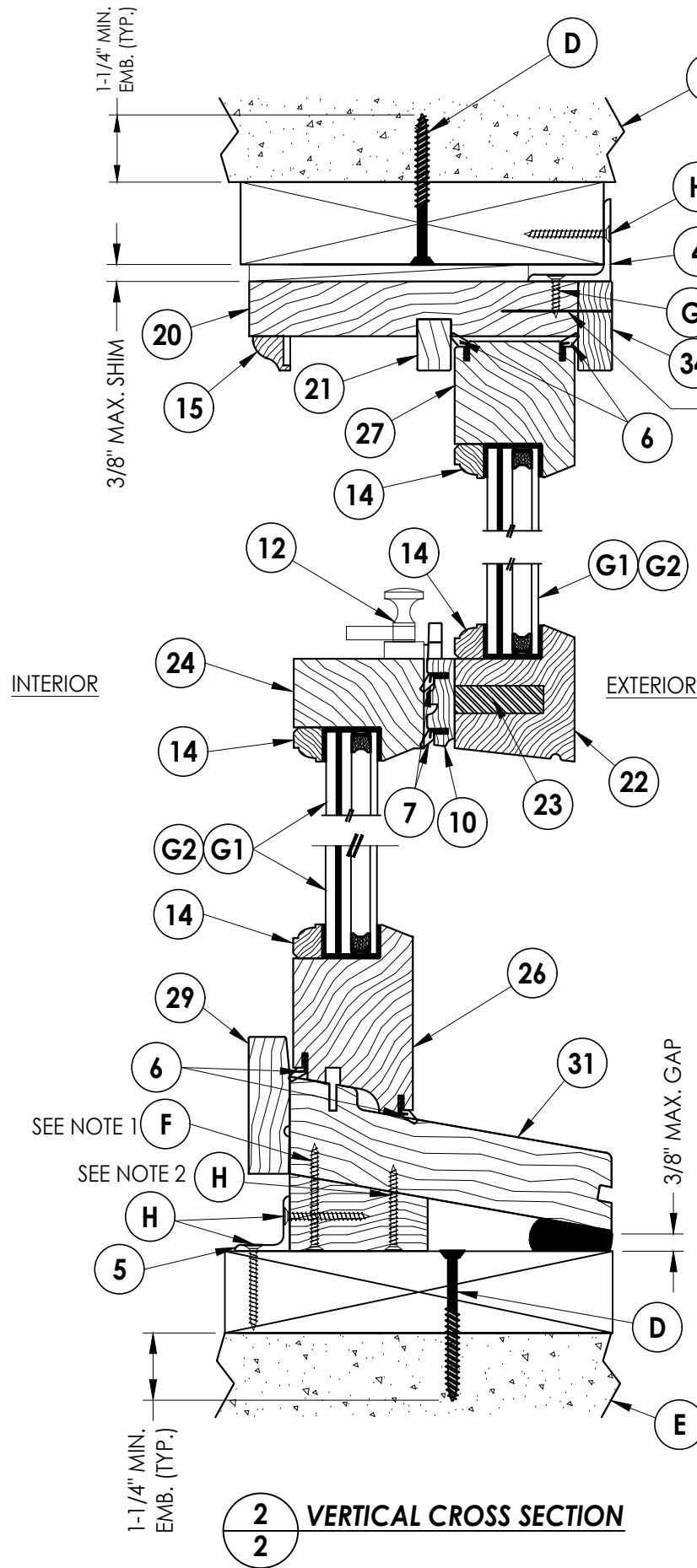
CHK. BY: LFS

DRAWING NO.:

FL-11474.10

SHEET 1 OF 7

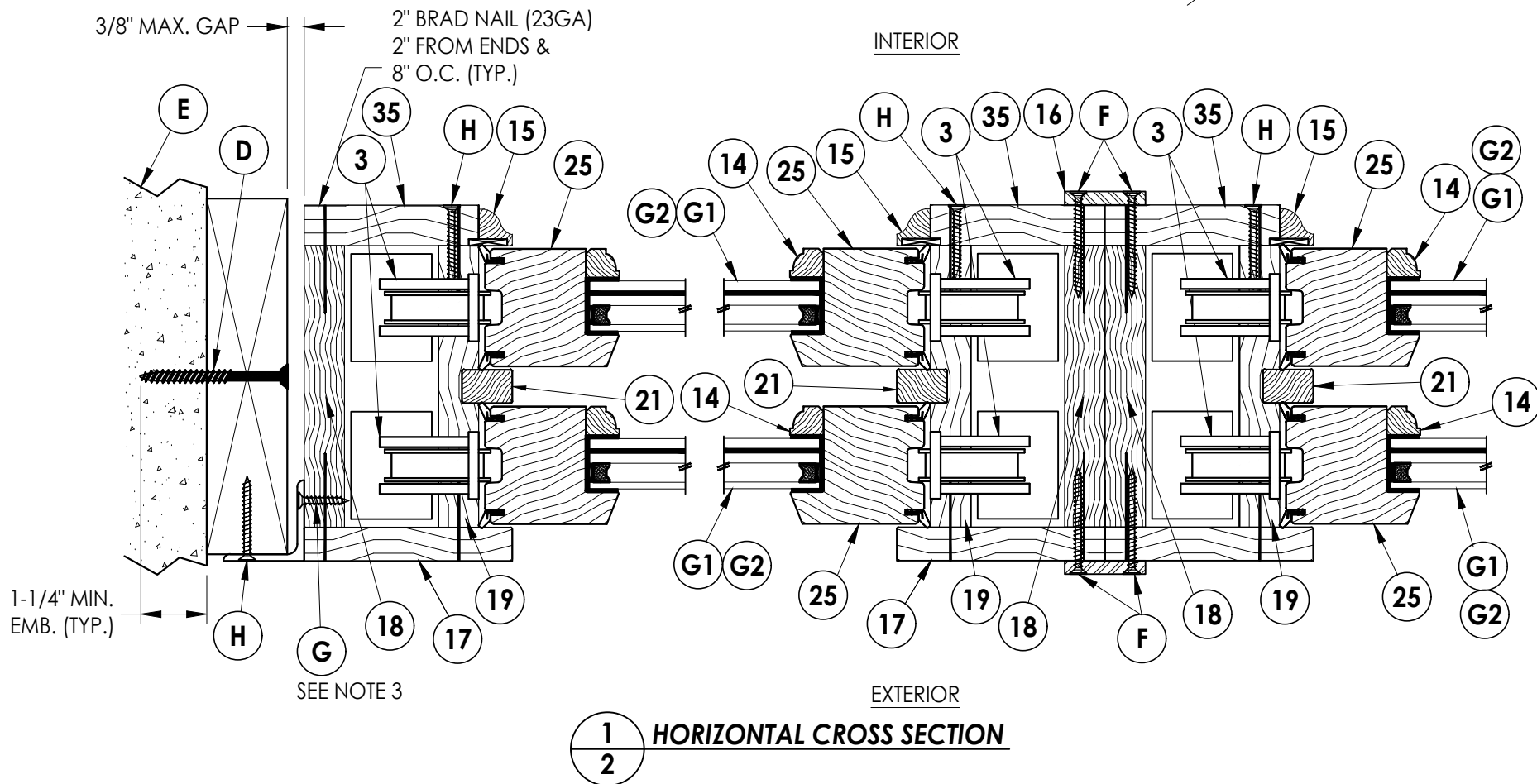
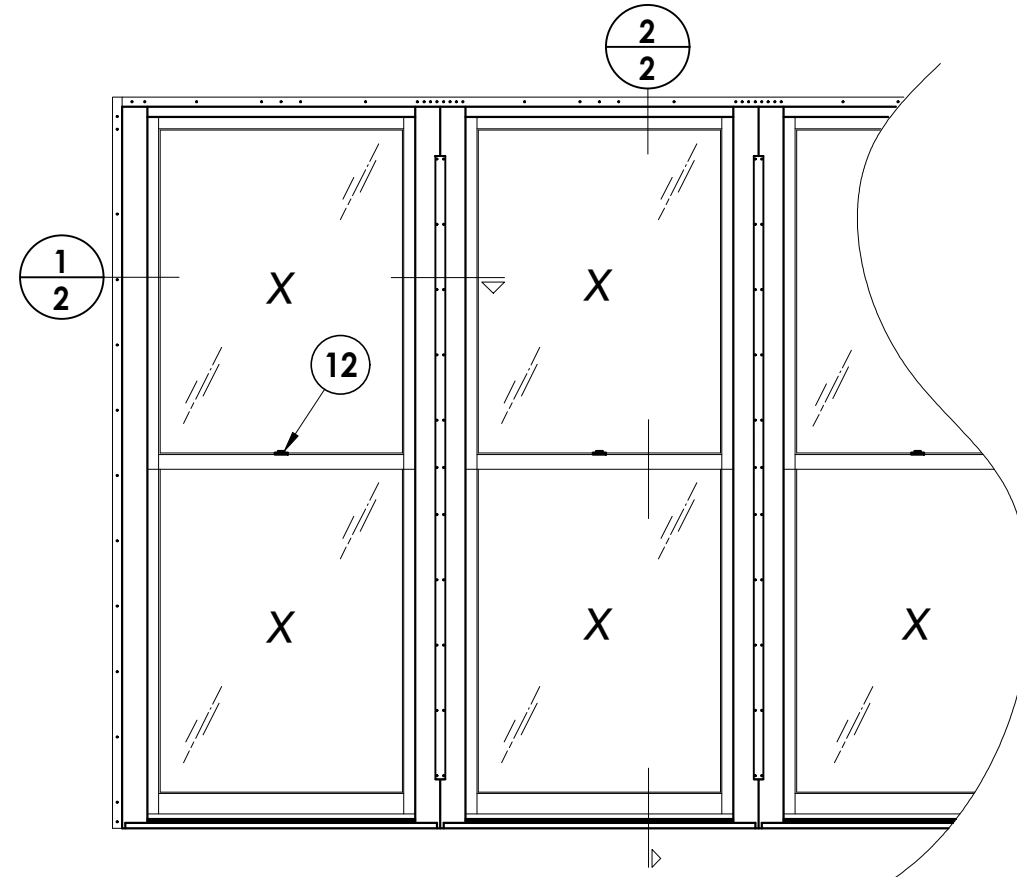
Z:\2023 FBC Drawings\Brannen Millwork\FL-11474.R7 Hung\FL-11474.9-10.dwg



- NOTE:
1. Item #F located 1" from each end then 8" max on center.
 2. Item #H located 2" from each end then 8" max on center.
 3. Item #G located 3" and 5" from each end then 8-1/4" max on center.

SEE NOTE 3

2" BRAD NAIL (23GA)
2" FROM ENDS &
8" O.C. (TYP.)



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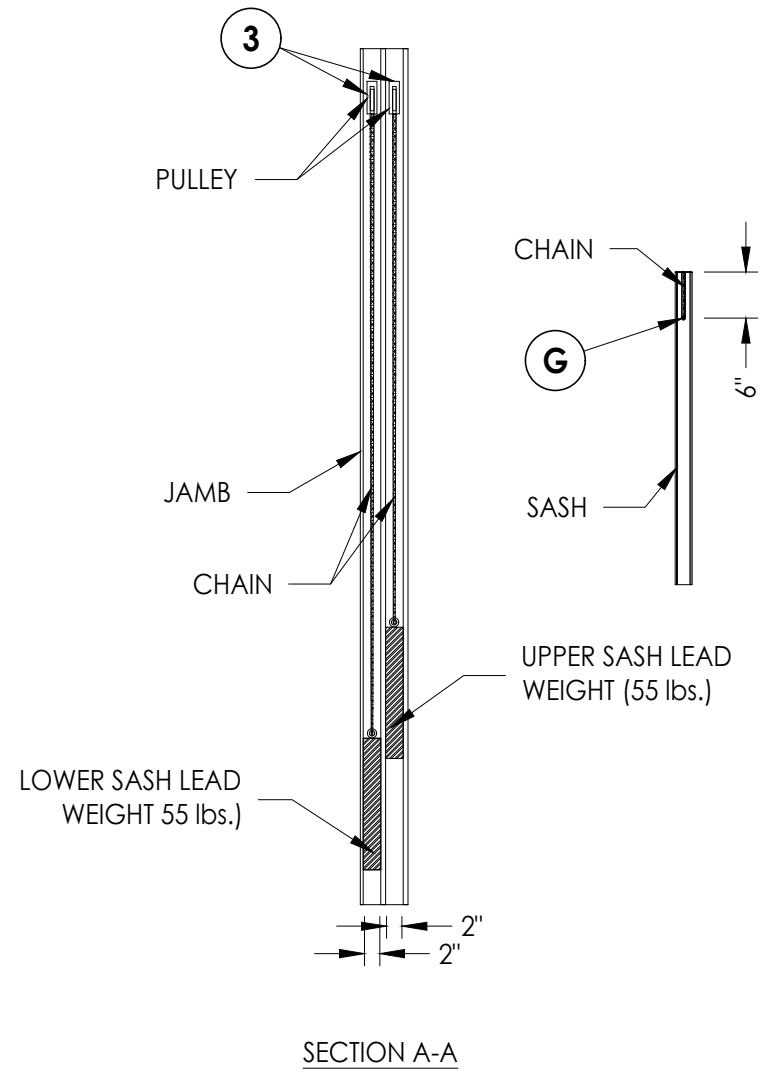
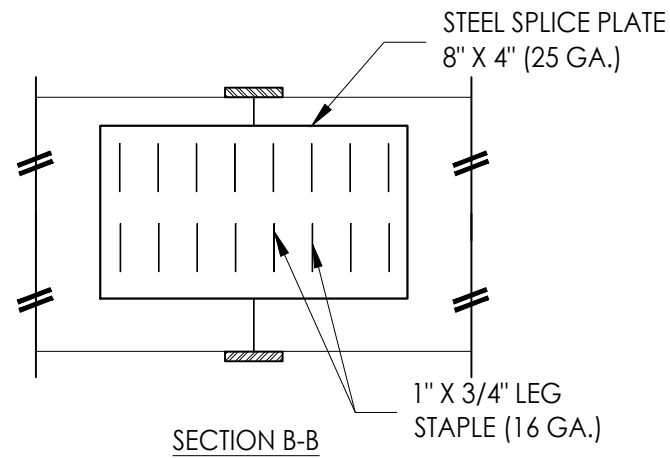
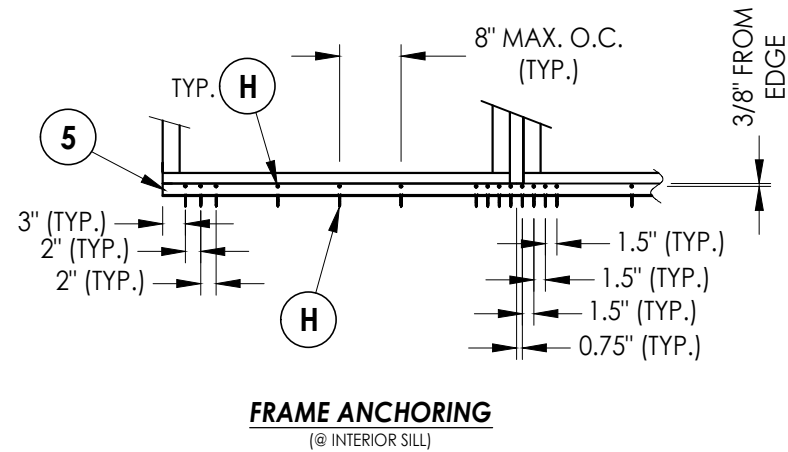
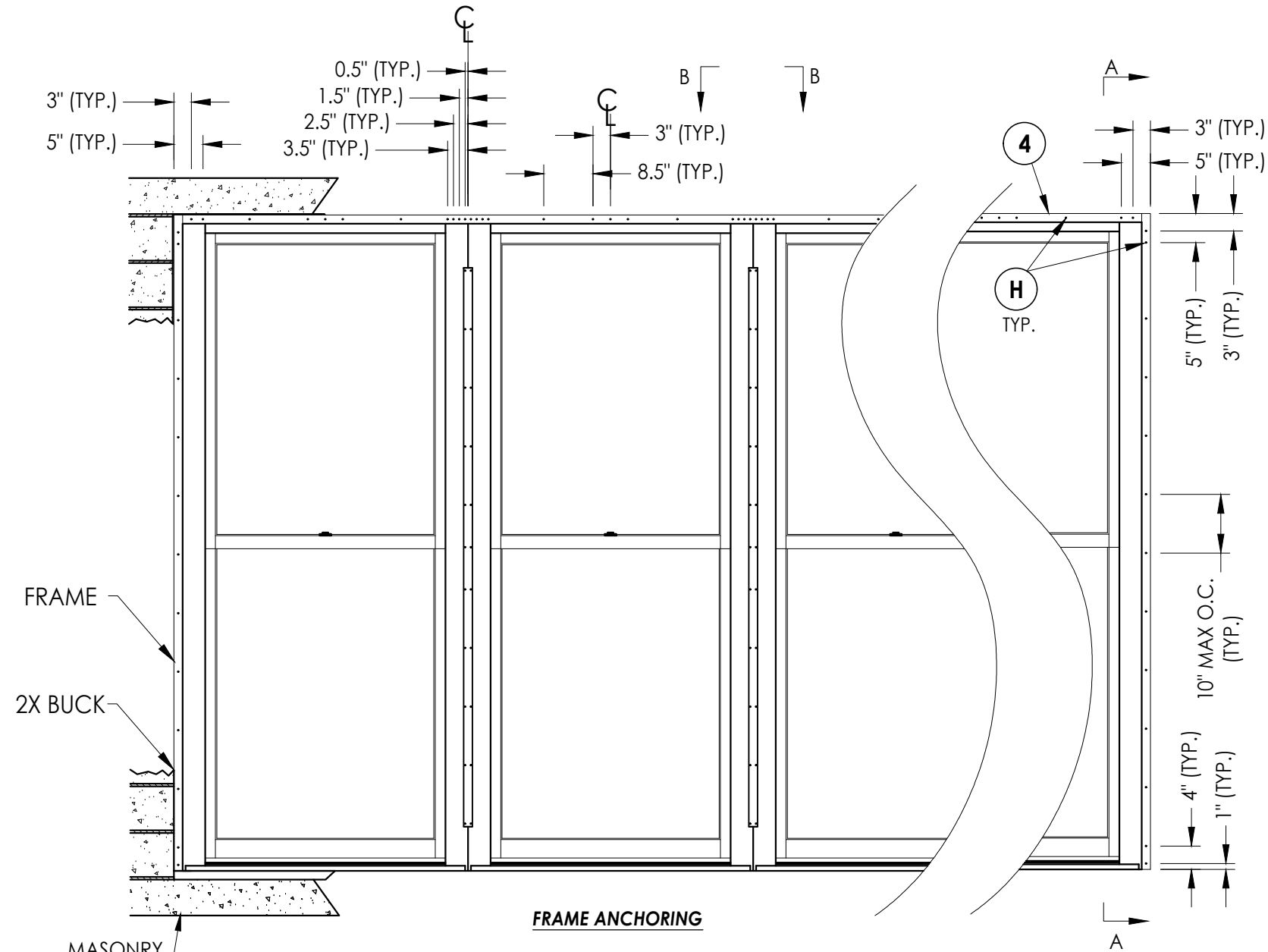
PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS
MASONRY CONSTRUCTION

REVISIONS			
NO.	DATE	BY	
3	9/13/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	7/10/17	UPDATE TO 6TH ED. (2017)	FBC LFS

DATE: 02/16/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-11474.10
SHEET 2 OF 7

Z:\2023 FBC Drawings\Brannen Millwork\FL-11474 R7 Hung\FL-11474.9-10.dwg



DATE: 02/16/16	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-11474.10	
SHEET 4	OF 7

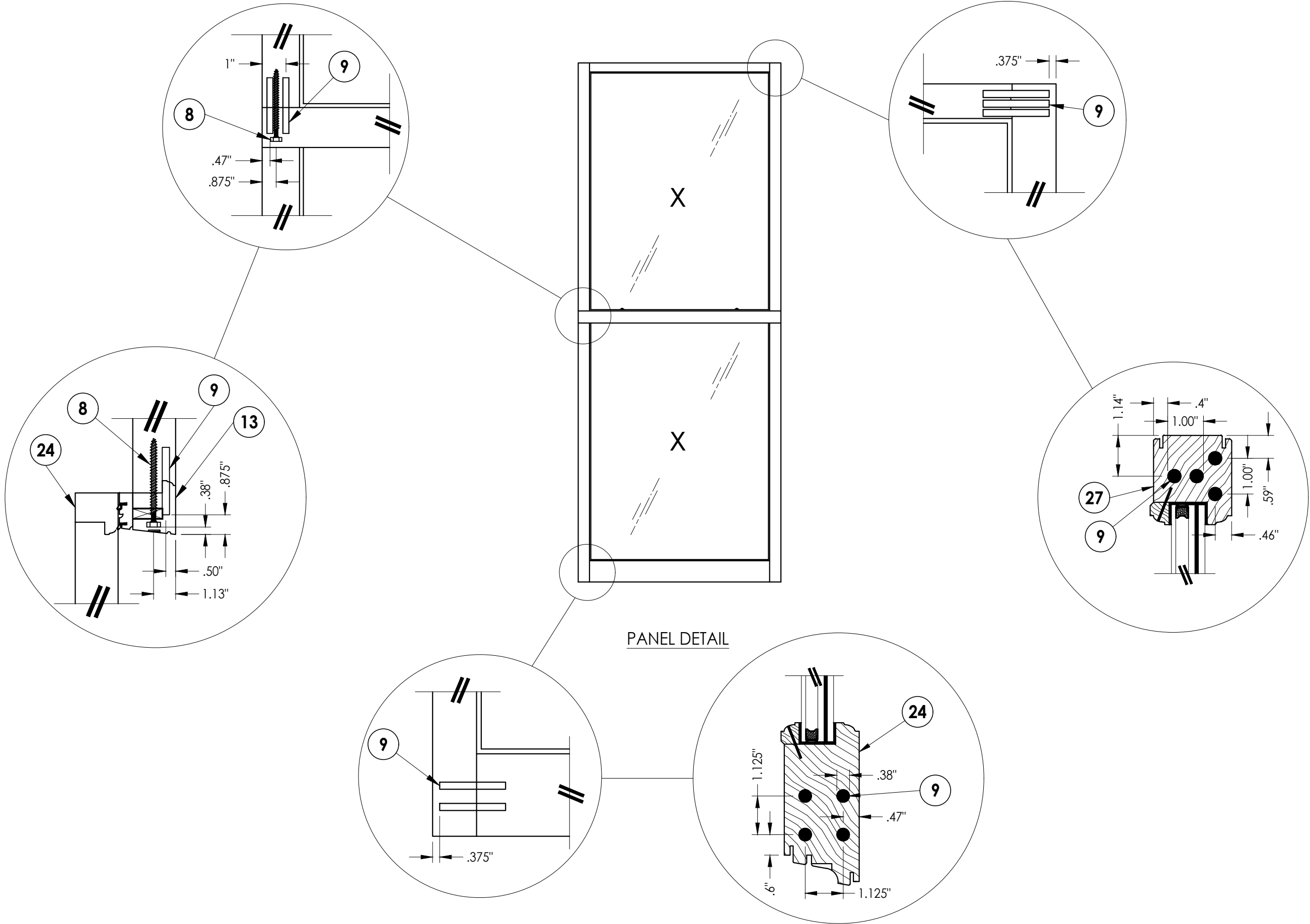
PRODUCT:	BRANNEN MILLWORKS DOUBLE HUNG WINDOW
	PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	REVISIONS		
		LFS	FBC	BY
3	9/13/23	UPDATE TO 8TH ED.	(2023)	FBC
2	9/16/20	UPDATE TO 7TH ED.	(2020)	FBC
1	7/10/17	UPDATE TO 6TH ED.	(2017)	FBC

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

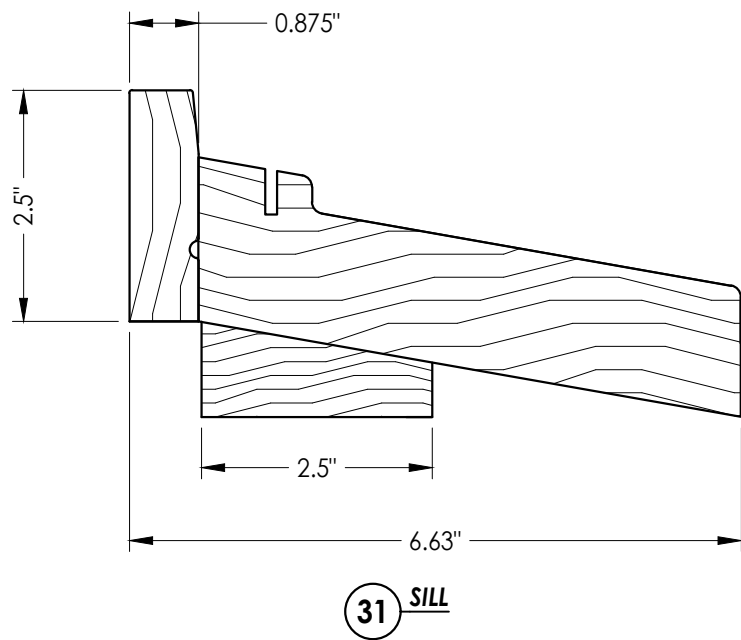
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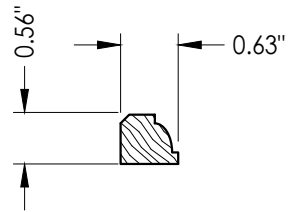
PANEL DETAIL

PRODUCT:		BRANNEN MILLWORKS DOUBLE HUNG WINDOW		PART OR ASSEMBLY:		PANEL DETAILS		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DATE: 02/16/16		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS		DRAWING NO.: FL-11474.10	
SHEET 5 OF 7									

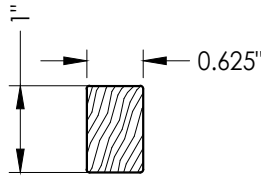
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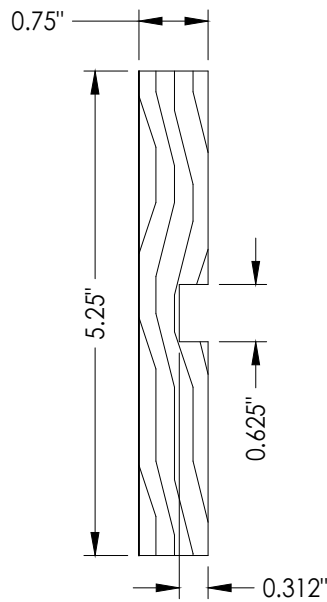
31 SILL



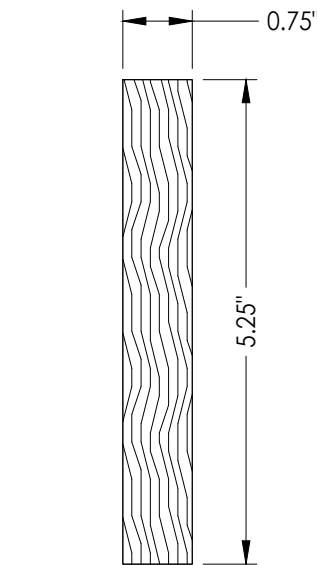
14 GLAZING BEAD



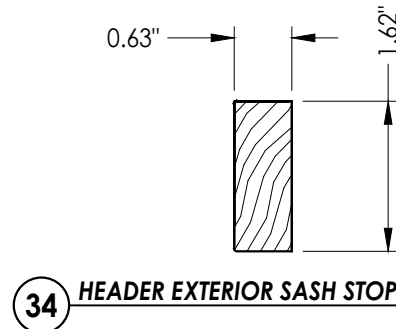
21 PARTING STOP



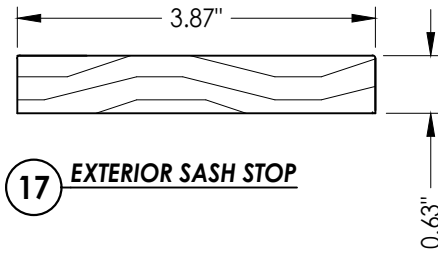
19 JAMB INTERIOR



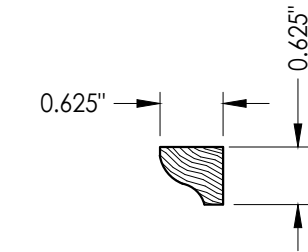
18 JAMB EXTERIOR



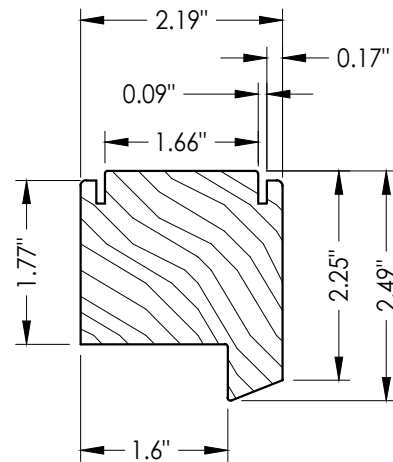
34 HEADER EXTERIOR SASH STOP



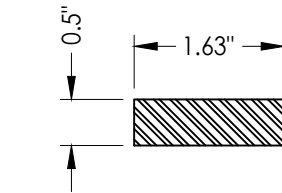
17 EXTERIOR SASH STOP



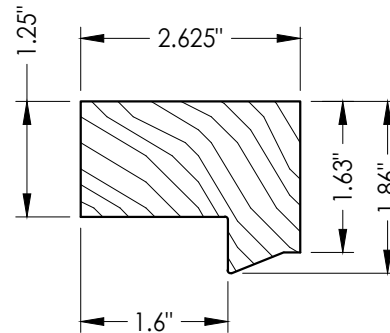
15 INTERIOR MOLDING



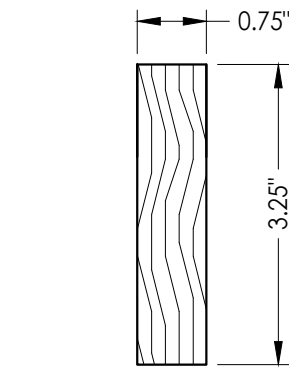
27 TOP SASH TOP RAIL



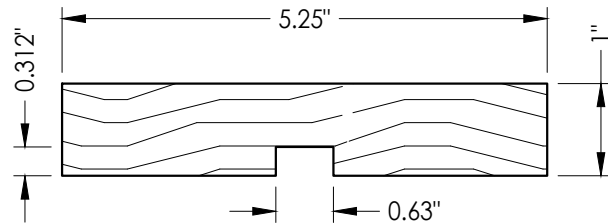
23 MEETING RAIL REINFORCEMENT
(ALUM) 36" Long



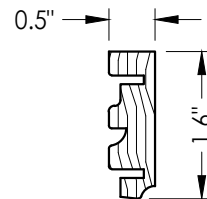
24 BOTTOM SASH TOP RAIL



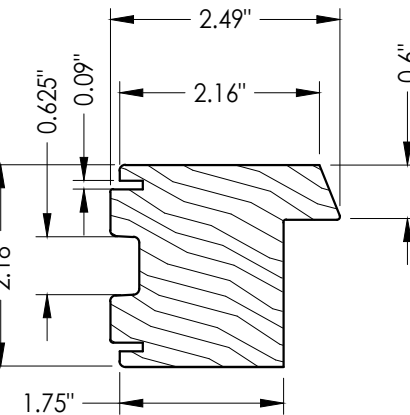
35 INTERIOR SASH STOP



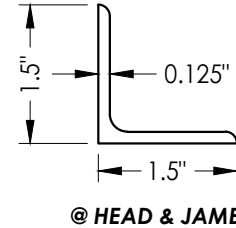
20 FRAME HEADER



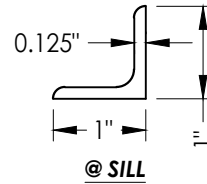
10 MEETING RAIL



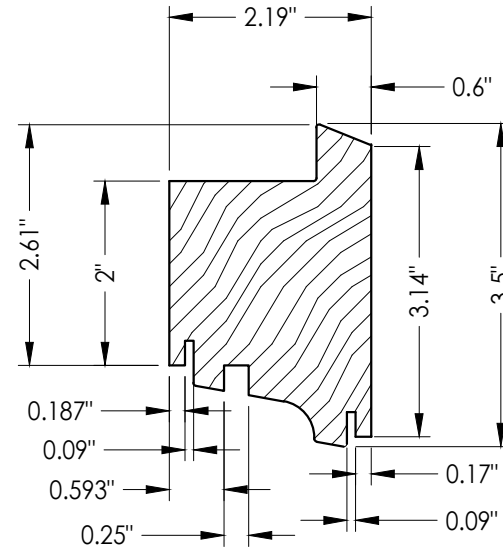
25 SASH STILE



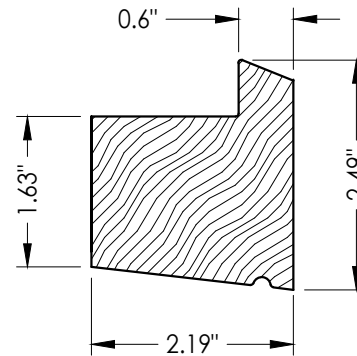
4 ALUMINUM FLANGE ANCHOR



5 ALUMINUM FLANGE ANCHOR



26 BOTTOM SASH BOTTOM RAIL



22 TOP SASH BOTTOM RAIL

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

PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

NO.	DATE	BY	REVISIONS
3	9/13/23	LFS	UPDATE TO 8TH ED. (2023) FBC
2	9/16/20	LFS	UPDATE TO 7TH ED. (2020) FBC
1	7/10/17	LFS	UPDATE TO 6TH ED. (2017) FBC

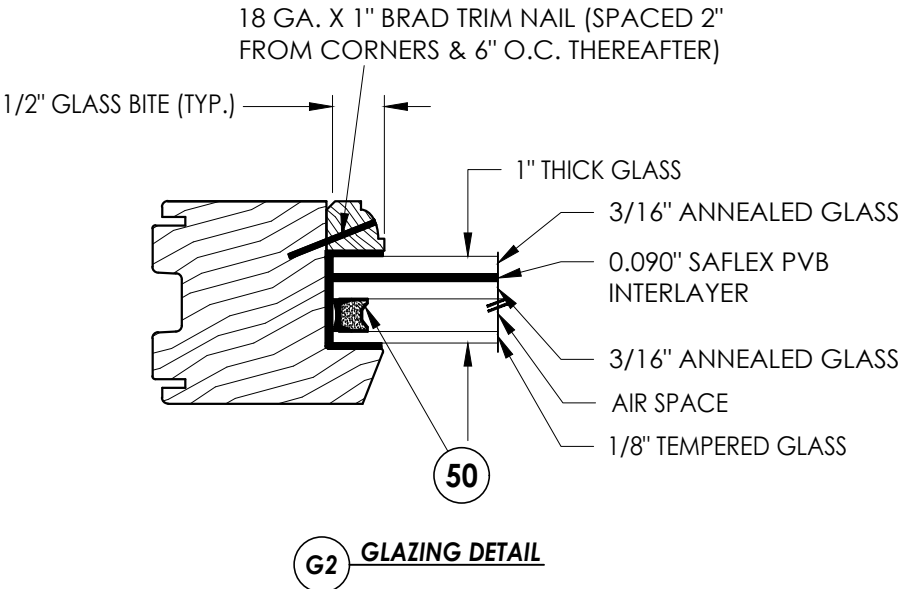
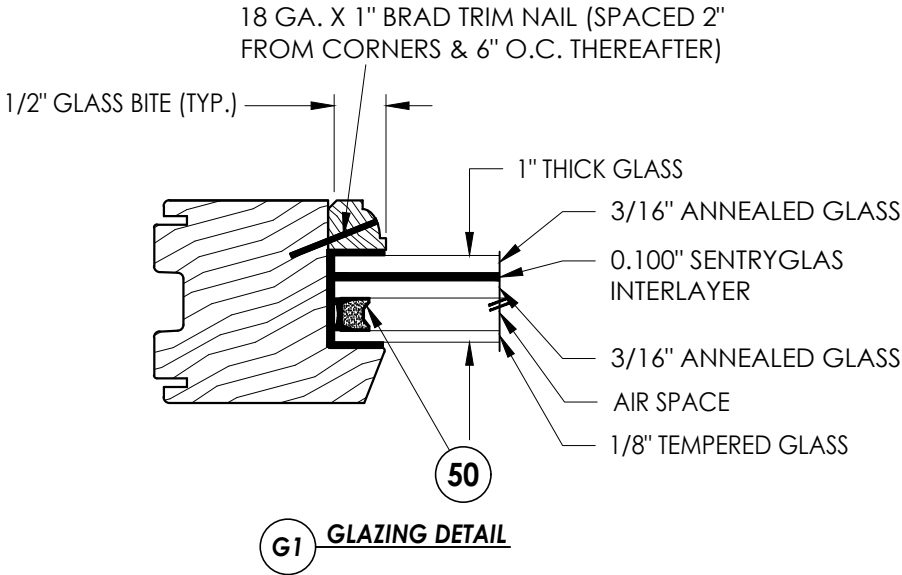
DATE: 02/16/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-11474.10
SHEET 6 OF 7

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

Z:\2023 FBC Drawings\Brannen Millwork\FL-11474 R7 Hung\FL-11474.9-10.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK G >= 0.55	WOOD
C	3/8" MAX SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH 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	STEEL
G	#8 X 1" PFH WOOD SCREW	STEEL
H	#8 X 1-1/2" PFH WOOD SCREW	STEEL
3	SASH PULLEY (PHELPS MODEL SP250BBRE)	BRASS
4	ALUM FLANGE 1-1/2" X 1-1/2"	ALUM
5	ALUM FLANGE 1" X 1"	ALUM
6	WEATHERSTRIP QUEZD250 BY SCHLEGEL	FOAM
7	WEATHERSTRIP QUEZD260 BY SCHLEGEL	FOAM
8	#24 X 4-1/4" HWH LAG BOLT	WOOD
9	DOWEL 3/8" X 3-1/2"	WOOD
10	MEETING RAIL	WOOD
12	SASH LOCK (PHELPS MODEL LK381)	BRASS
14	GLAZING STOP	WOOD
15	INTERIOR MOLDING	WOOD
16	MULLION REINFORCEMENT	ALUM
17	JAMB EXTERIOR SASH STOP	WOOD
18	JAMB EXTERIOR	WOOD
19	JAMB INTERIOR	WOOD
20	FRAME HEADER	WOOD
21	PARTING STOP	WOOD
22	TOP SASH BOTTOM RAIL	WOOD
23	MEETING RAIL REINFORCEMENT	ALUM
24	BOTTOM SASH TOP RAIL	WOOD
25	SASH STILE	WOOD
26	BOTTOM SASH BOTTOM RAIL	WOOD
27	TOP SASH TOP RAIL	WOOD
29	SILL EXTENDER	WOOD
31	SILL	WOOD
34	HEADER EXTERIOR SASH STOP	WOOD
35	INTERIOR SASH STOP	WOOD
50	GLAZING SPACER (DESICCANT FILLED)	ST. STEEL

NOTE: ALL WINDOW FRAME WOOD IS SAPELE (SG= 0.55)



NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: BRANNEN MILLWORKS DOUBLE HUNG WINDOW		PART OR ASSEMBLY: BILL OF MATERIALS & GLAZING DETAIL	
		LFS	
		FBC	
	3	9/13/23	UPDATE TO 8TH ED. (2023)
	2	9/16/20	UPDATE TO 7TH ED. (2020)
	1	7/10/17	UPDATE TO 6TH ED. (2017)
	NO.	DATE	
REVISIONS			
DATE: 02/16/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-11474.10			
SHEET 7 OF 7			