

BRANNEN MILLWORK

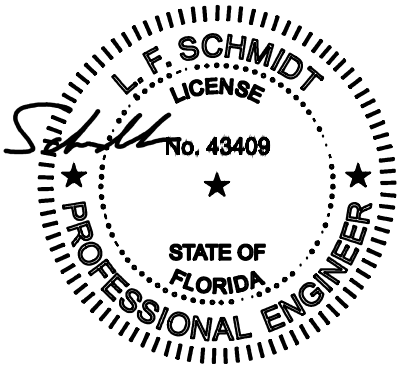
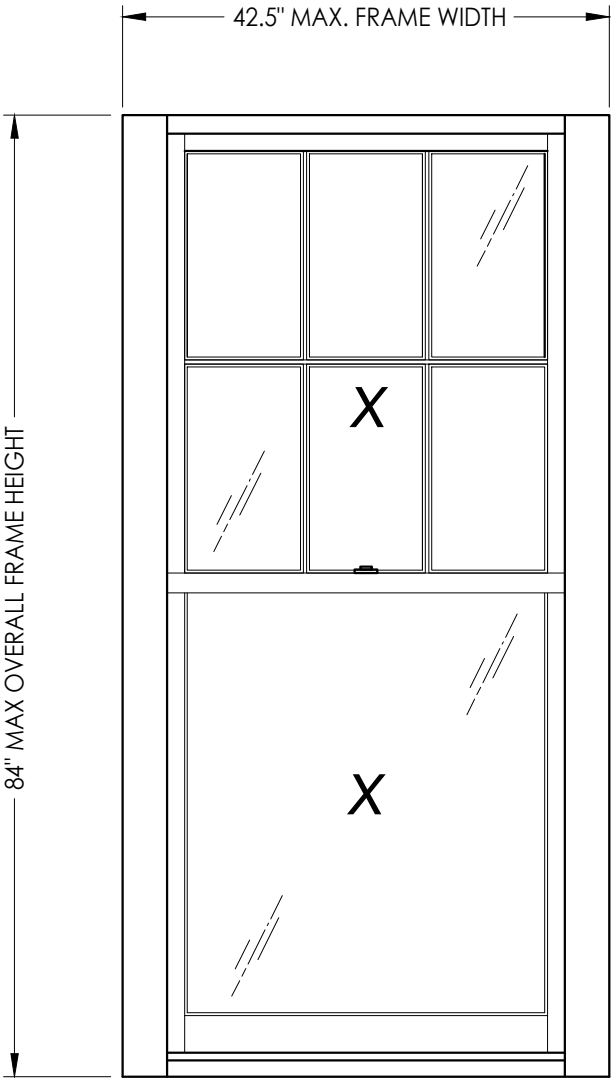
3379 EAST HWY. 46
REGISTER, GEORGIA 30452

"Historic Series"
Weight and Chain
DOUBLE HUNG 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 elevation, design pressures & general notes
2	Horizontal and vertical cross sections
3	Buck & frame anchoring
4	Panel details
5	Components
6	Bill of materials & glazing details



Digitally signed by Lyndon F Schmidt
Date: 2023.10.11 09:45:03 -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	TRUE DIVIDED LITE MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
42.5" x 84.0"	31.0" X 36.5"	9.75" X 17.75"	G1, G2	+70.0	-80.0

NOTE: WINDOW SASHES MAY BE MANUFACTURED WITH EITHER FULL (G1) OR TRUE DIVIDED LITE (G2) GLAZING.

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

BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

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

DATE: 9/17/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-11474.11

SHEET 1 OF 6

REVISIONS

1
NO. DATE

9/13/23
UPDATE TO 8TH ED. (2023)

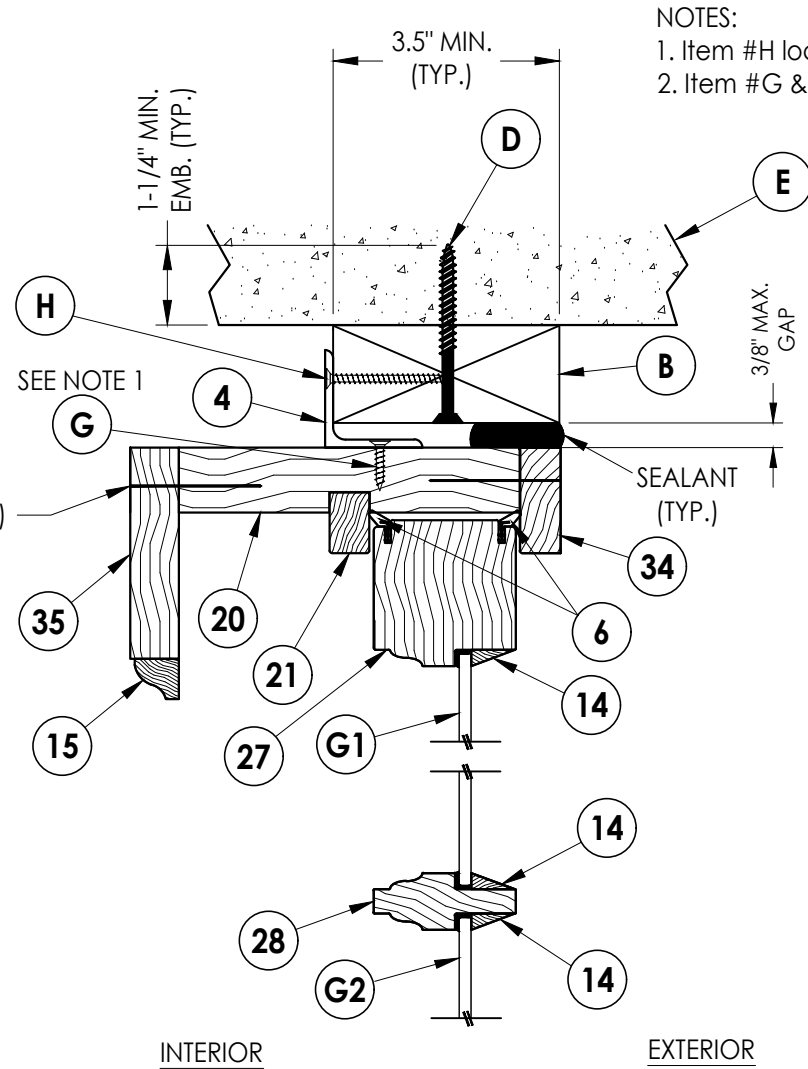
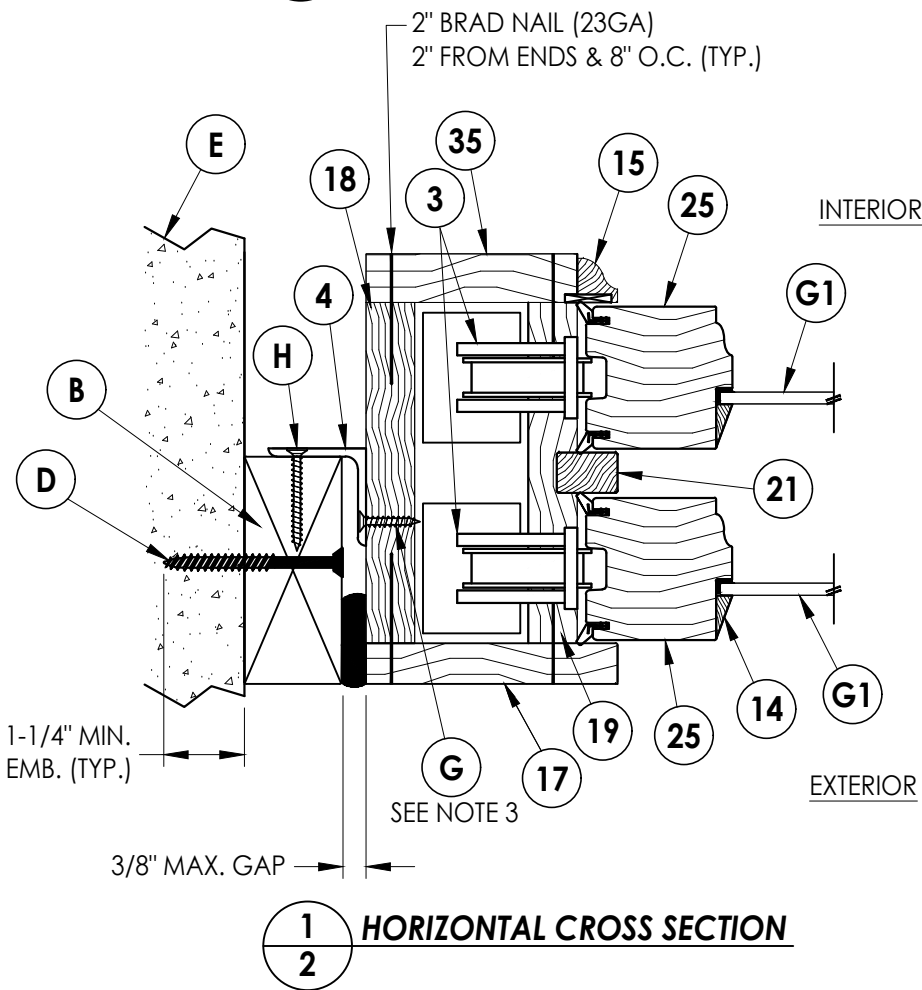
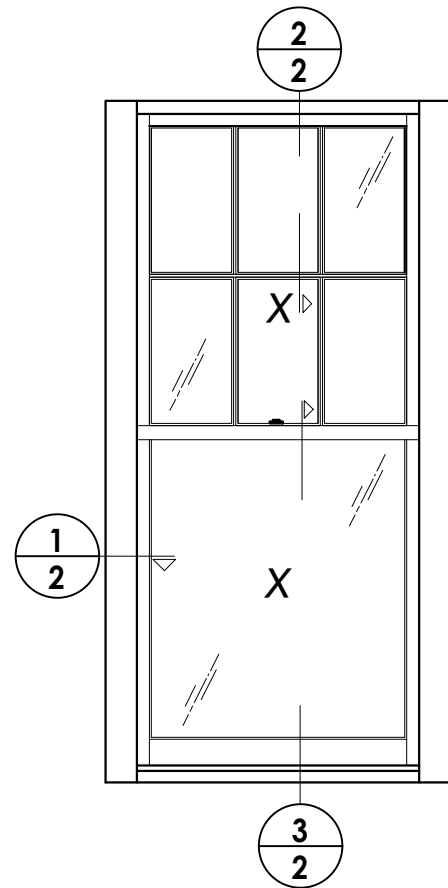
FBC

LFS
BY

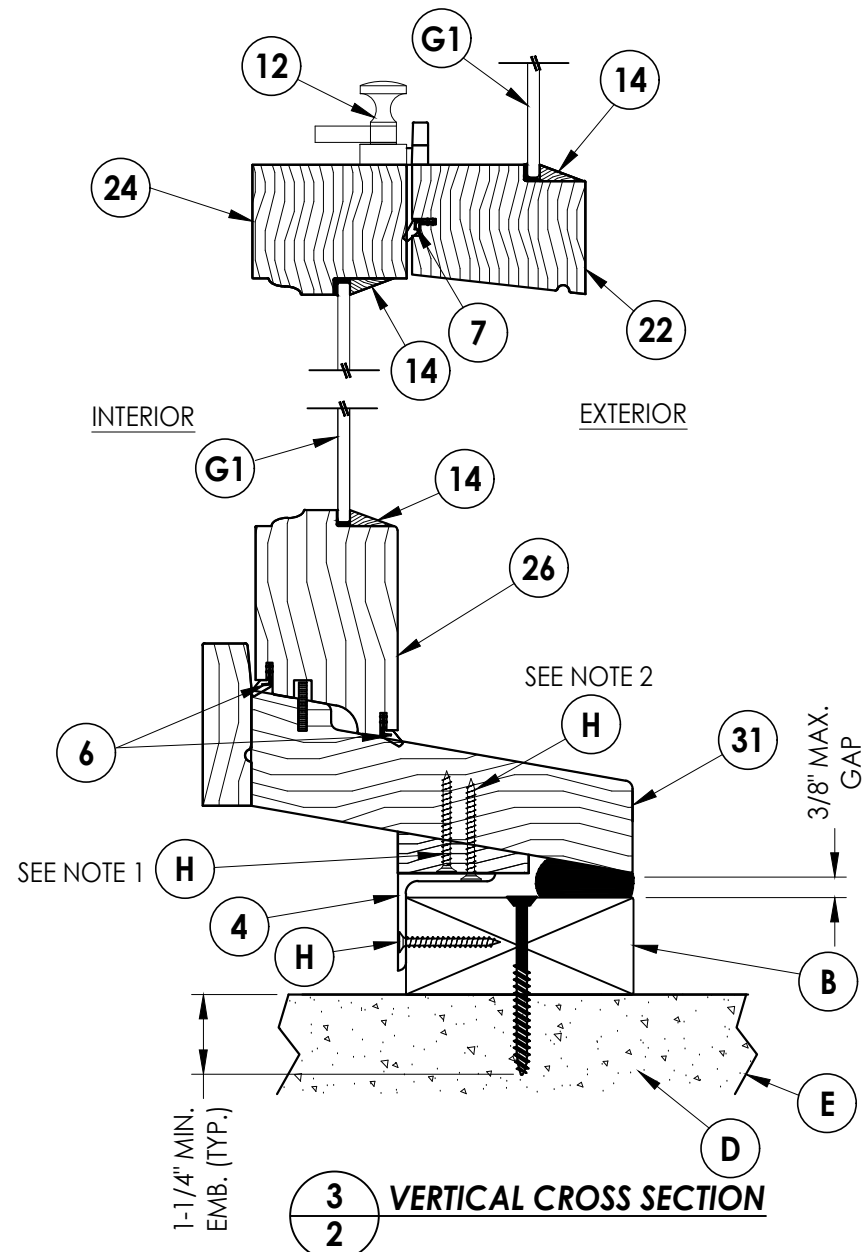
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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



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PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS
MASONRY CONSTRUCTION

NO.	DATE	BY	LFS
1	9/13/23	DATE	BY

REVISIONS

DATE: 9/17/20

SCALE: N.T.S.

DWG. BY: RW

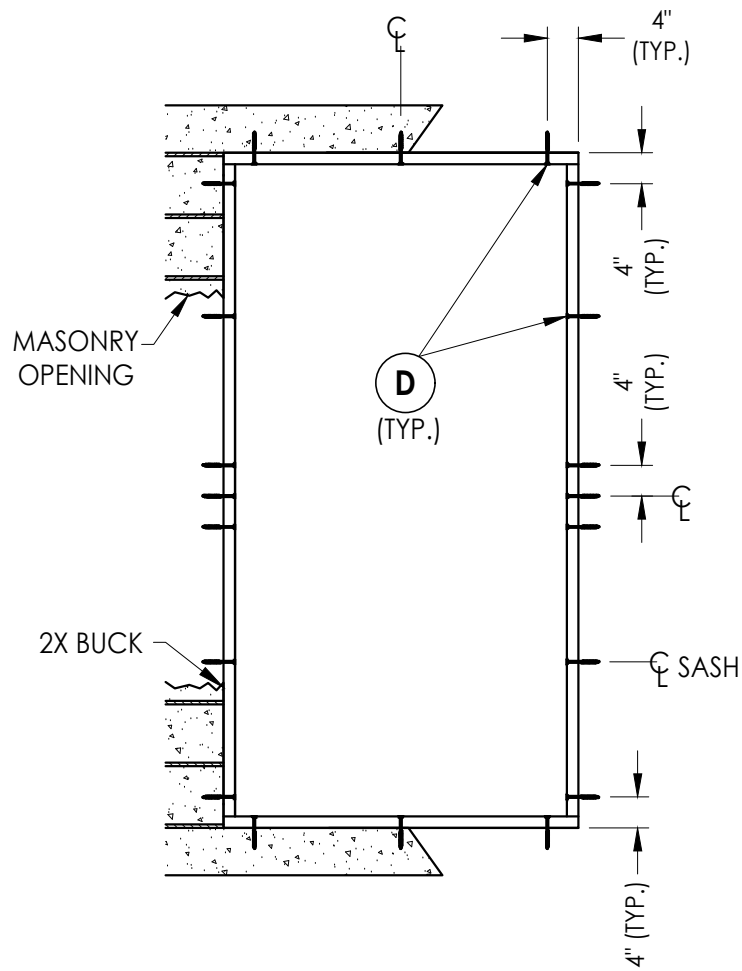
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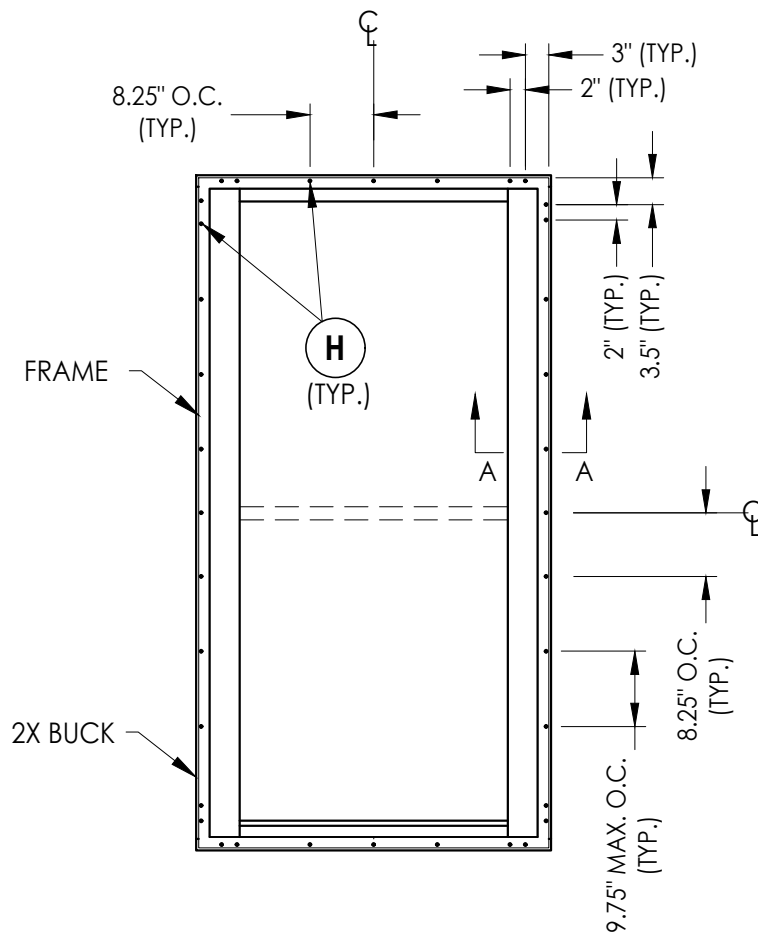
FL-11474.11

SHEET 2 OF 6

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BUCK ANCHORING
Masonry construction



FRAME ANCHORING

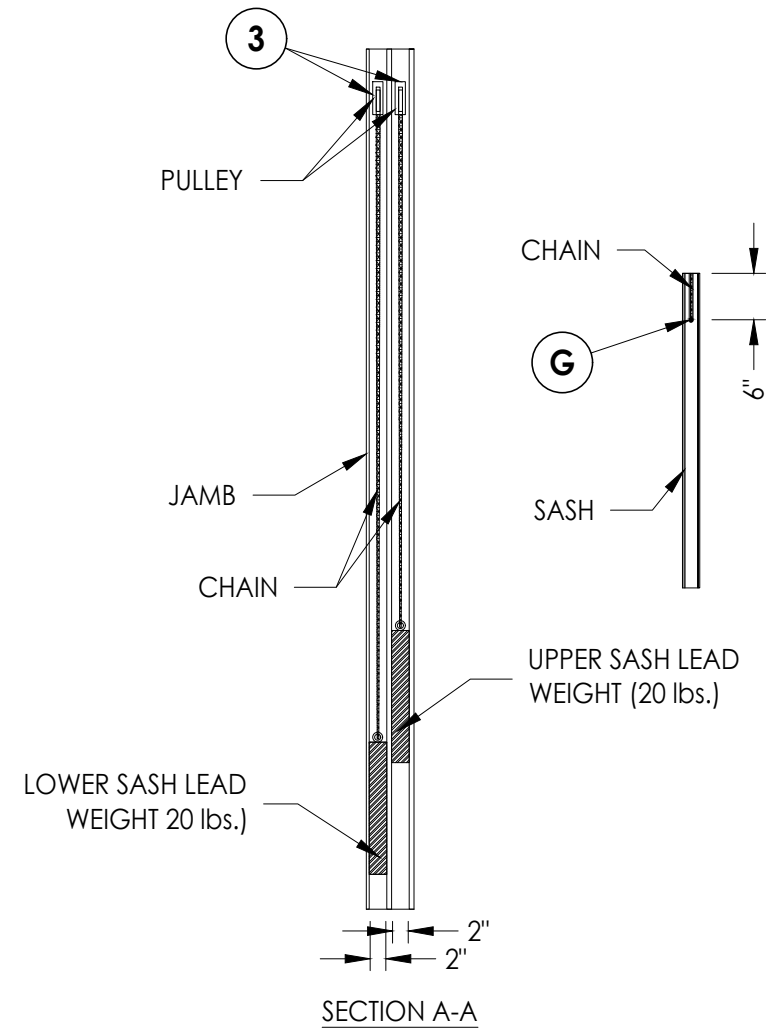
CONCRETE ANCHOR NOTES:

- 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"	3"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	2-1/2"	4"

WOOD SCREW/NAIL INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws/nails to prevent the splitting of wood.



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PRODUCT:
BRANNEN MILLWORKS
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK ANCHORING

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

DATE: 9/17/20

SCALE: N.T.S.

DWG. BY: RW

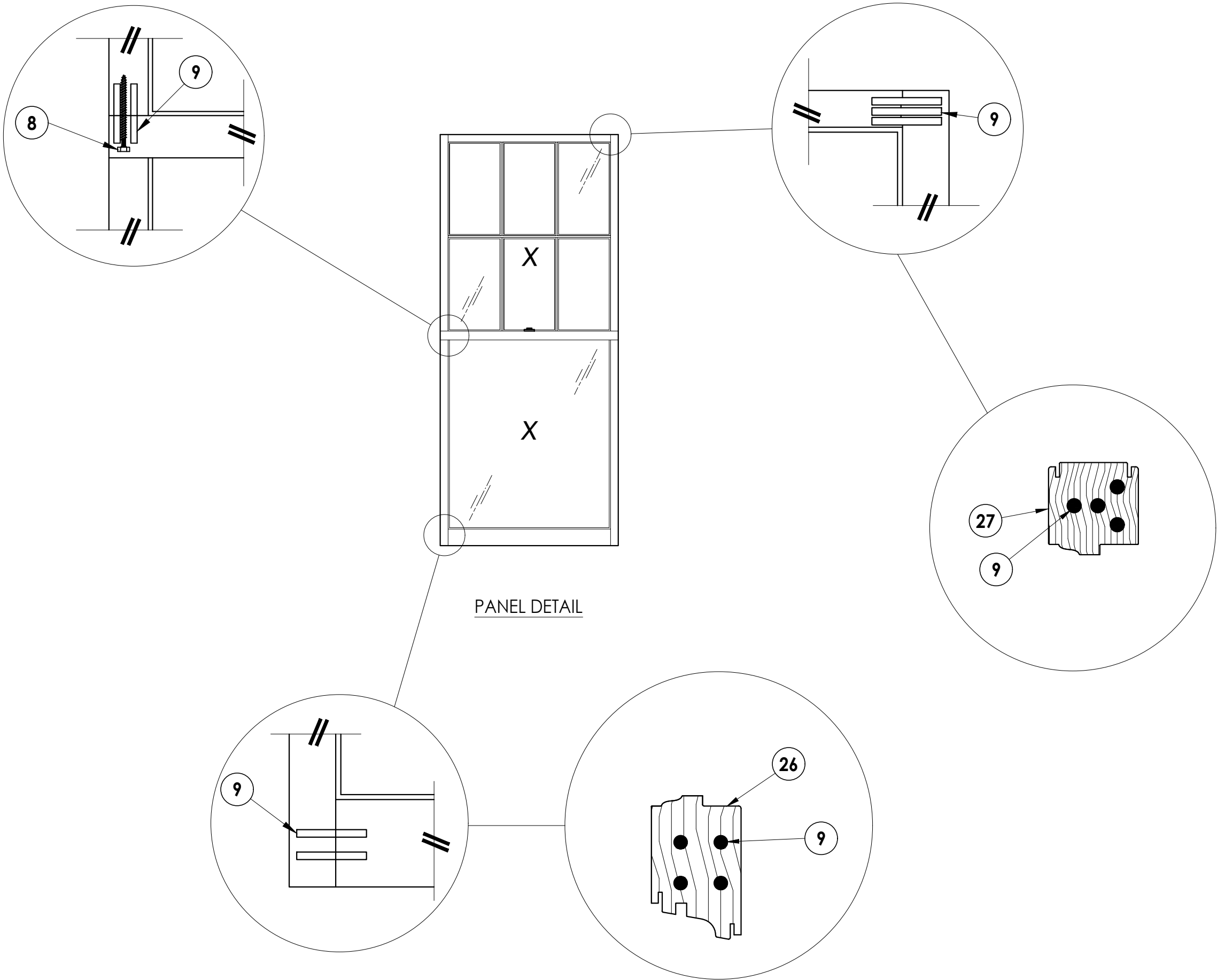
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SHEET 3 OF 6

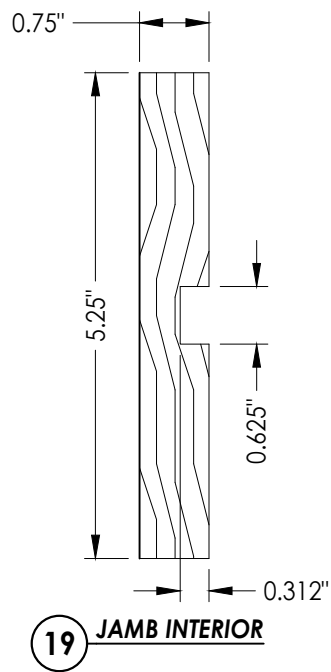
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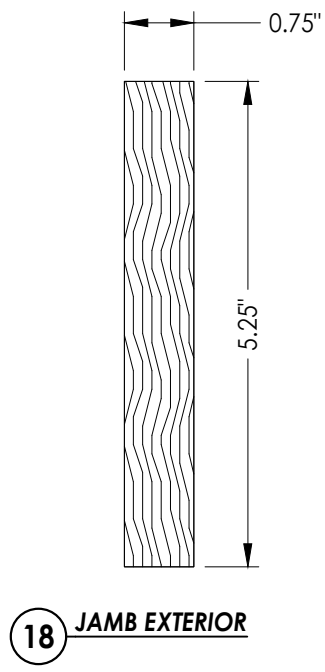
PANEL DETAIL

						PRODUCT:			BRANNEN MILLWORKS DOUBLE HUNG WINDOW			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		
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												REVISIONS					
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SCALE: N.T.S.																	
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SHEET 4 OF 6																	

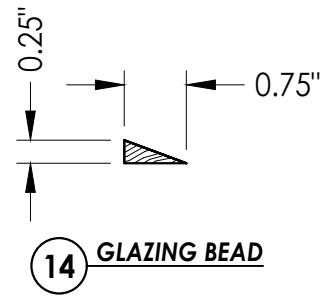
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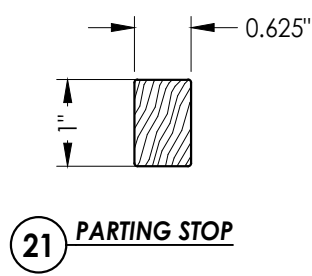
19 JAMB INTERIOR



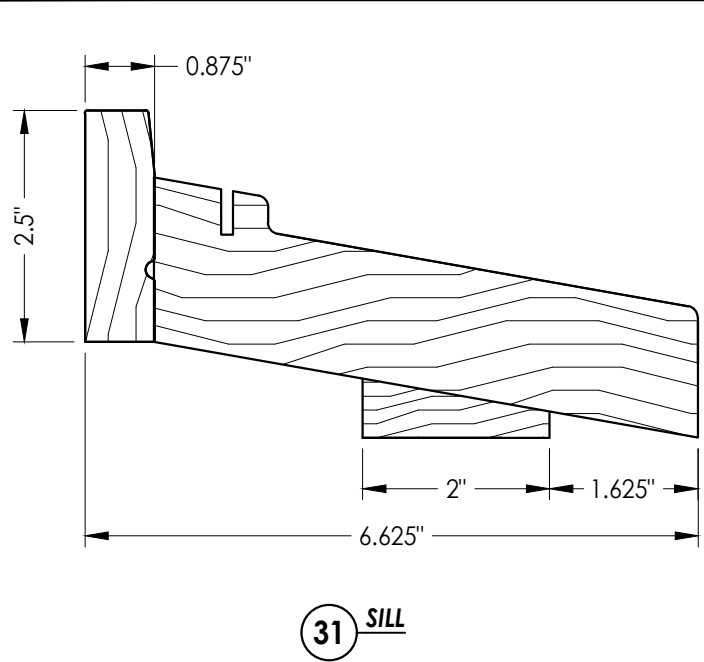
18 JAMB EXTERIOR



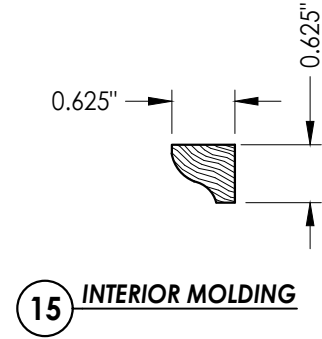
14 GLAZING BEAD



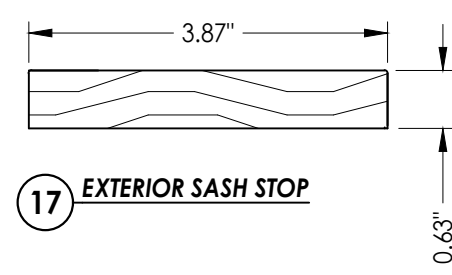
21 PARTING STOP



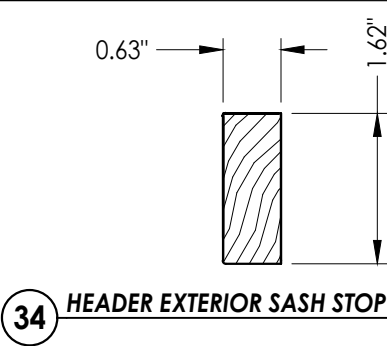
31 SILL



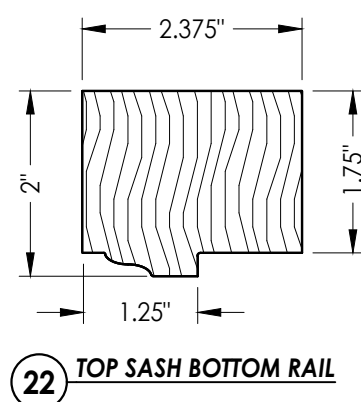
15 INTERIOR MOLDING



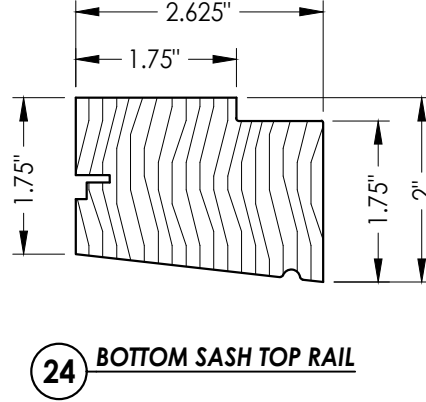
17 EXTERIOR SASH STOP



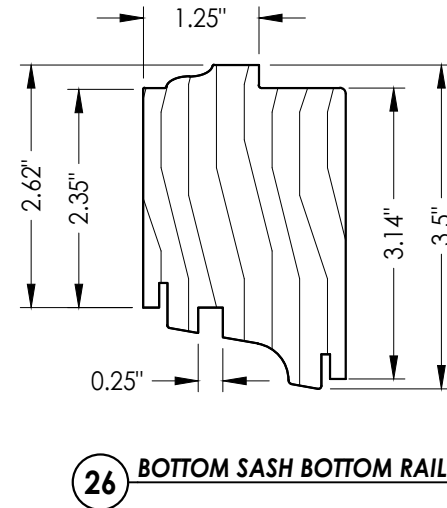
34 HEADER EXTERIOR SASH STOP



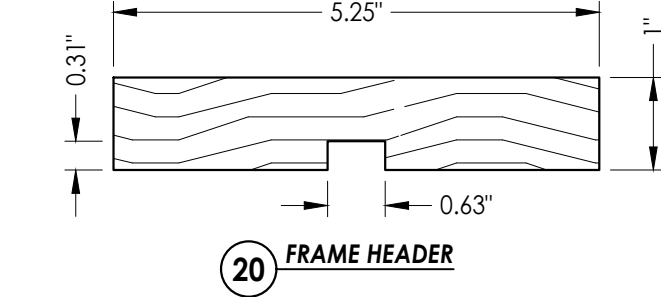
22 TOP SASH BOTTOM RAIL



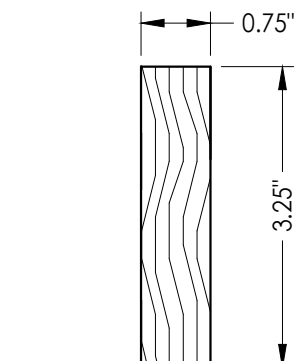
24 BOTTOM SASH TOP RAIL



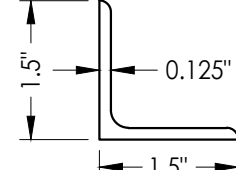
26 BOTTOM SASH BOTTOM RAIL



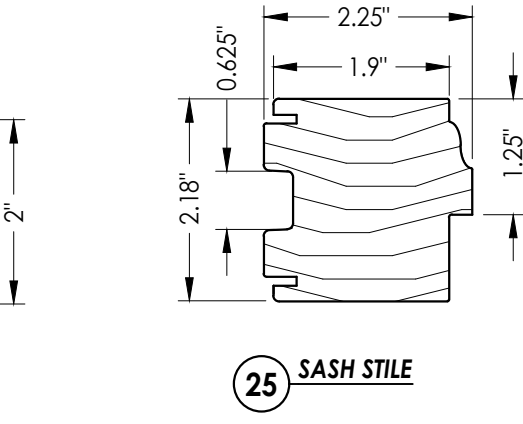
20 FRAME HEADER



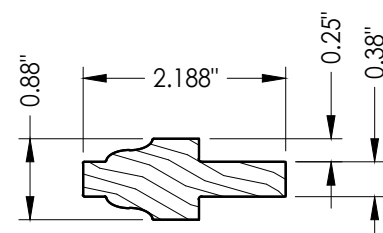
35 INTERIOR SASH STOP



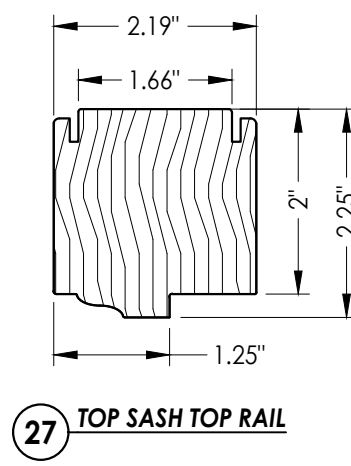
4 ALUMINUM FLANGE ANCHOR



25 SASH STILE



28 MUNTIN



27 TOP SASH TOP RAIL

DATE:	9/17/20
SCALE:	N.T.S.
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SHEET	5 OF 6

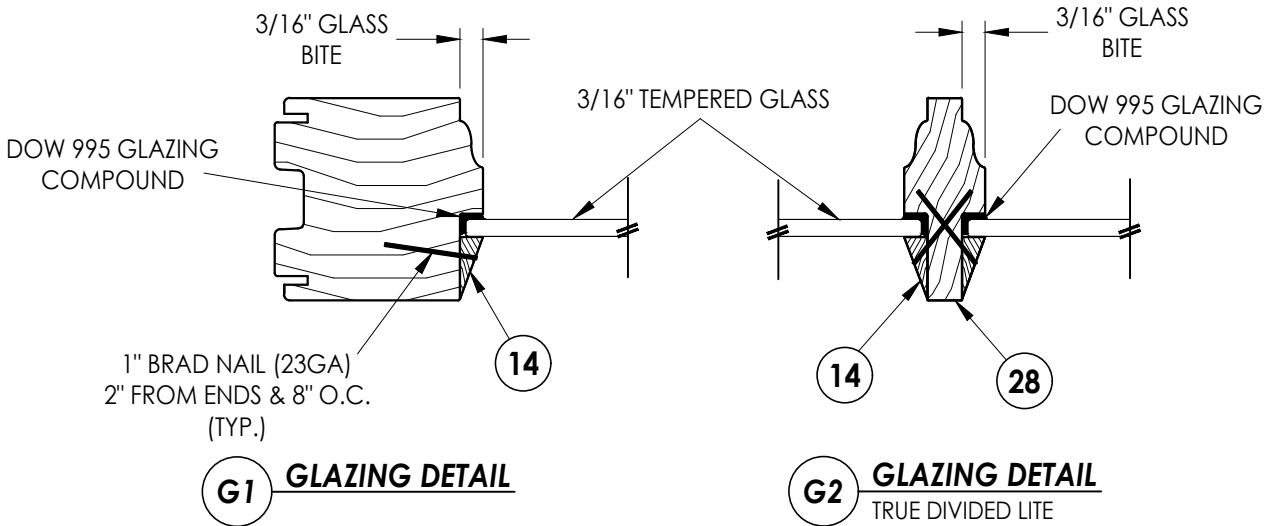
PRODUCT:	BRANNEN MILLWORKS DOUBLE HUNG WINDOW
PART OR ASSEMBLY:	COMPONENTS

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (G >= 0.42)	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
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
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
12	SASH LOCK (PHELPS MODEL LK381)	BRASS
14	GLAZING STOP	WOOD
15	INTERIOR MOLDING	WOOD
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
24	BOTTOM SASH TOP RAIL	WOOD
25	SASH STILE	WOOD
26	BOTTOM SASH BOTTOM RAIL	WOOD
27	TOP SASH TOP RAIL	WOOD
28	MUNITN	WOOD
31	SILL	WOOD
34	HEADER EXTERIOR SASH STOP	WOOD
35	INTERIOR SASH STOP	WOOD

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



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PRODUCT: BRANNEN MILLWORKS DOUBLE HUNG WINDOW		PART OR ASSEMBLY: BILL OF MATERIALS & GLAZING DETAILS	