

BRANNEN MILLWORK

3379 EAST HWY. 46
REGISTER, GEORGIA 30452

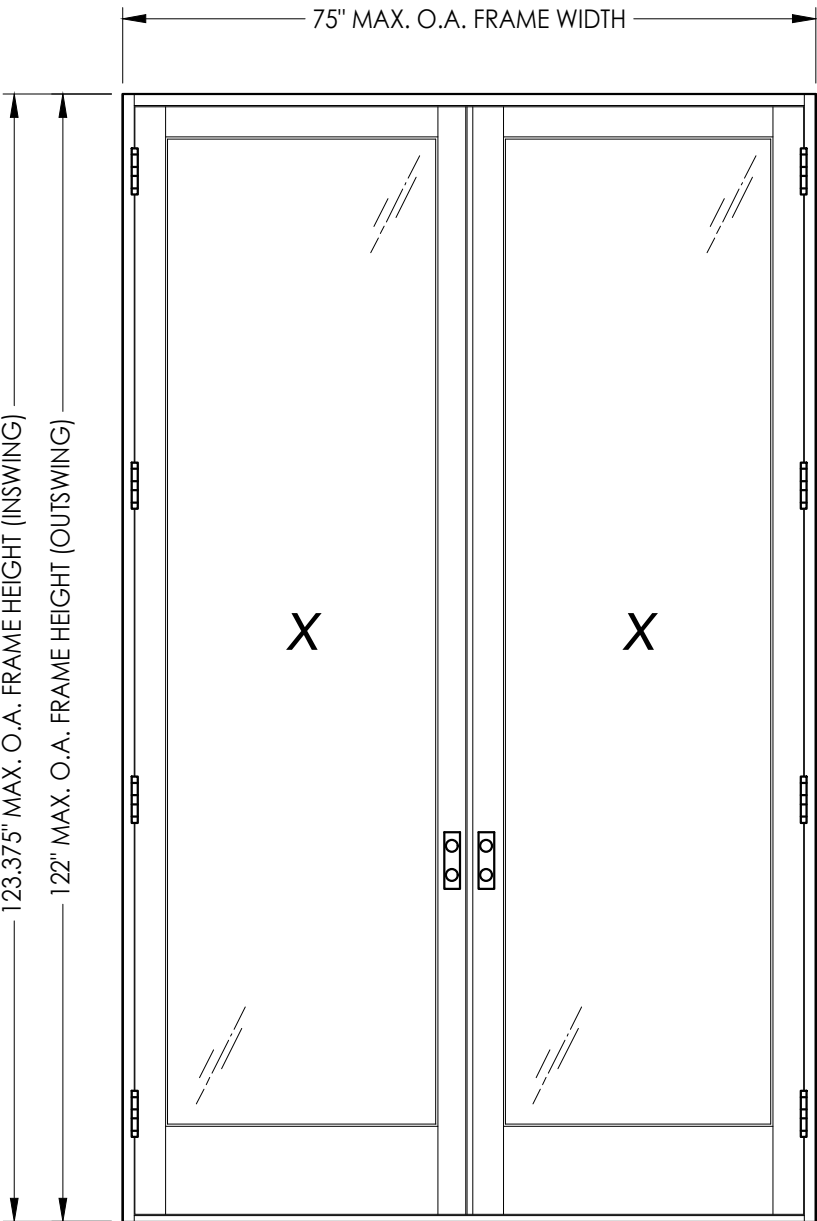
GLAZED WOOD DOOR INSWING/OUTSWING "IMPACT"

GENERAL NOTES

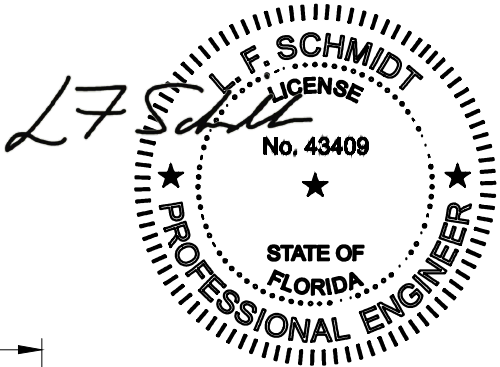
- This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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 & general notes
2	Door panel & glazing details
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5	Buck and frame anchoring
6	Bill of materials & components



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
75.0" x 123.375"	28.63" x 106.63"	G1	+60.0	-65.0	+60.0	-65.0
75.0" x 123.375"	28.63" x 106.63"	G2	+50.0	-60.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.10.07 09:48:28 -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

RW

PRODUCT:
BRANNEN MILLWORK
WOOD DOOR

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

NO.	DATE	REVISIONS			
		DATE	BY	REVISIONS	
4	9/22/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	10/4/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	07/11/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	

DATE: 8/17/15

SCALE: N.T.S.

DWG. BY: JK

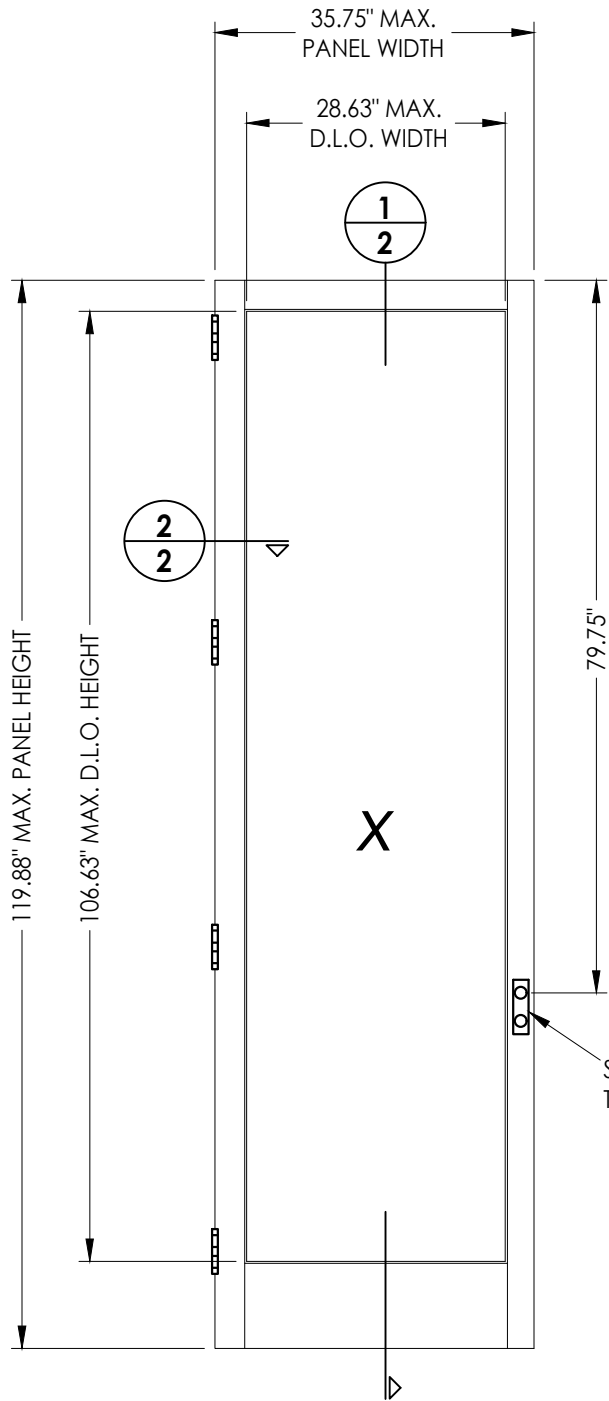
CHK. BY: LFS

DRAWING NO.:

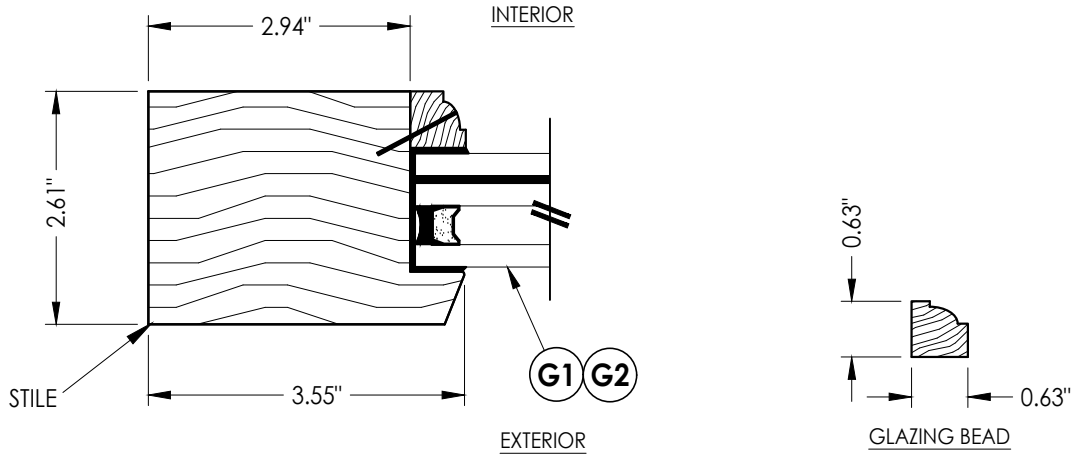
FL-15737.15

SHEET 1 OF 6

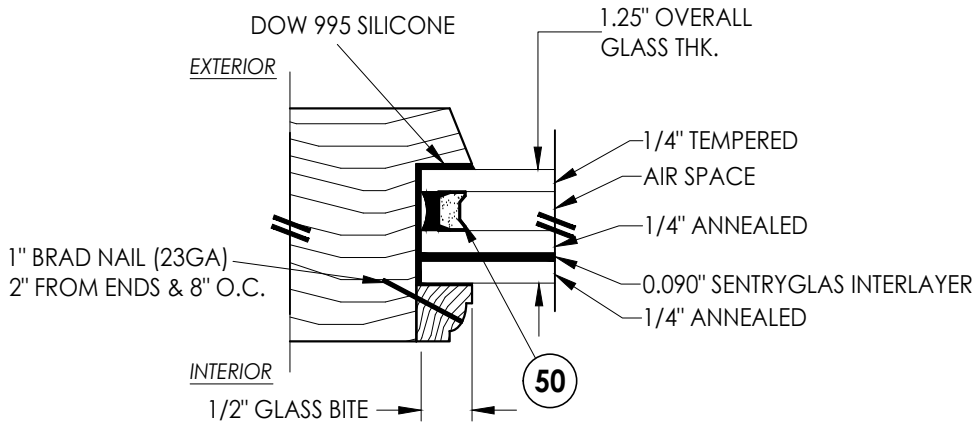
Z:\2023 FBC Drawings\Brannen Millwork\FL-15737 R6 Swing Doors\FL-15737.15-16.dwg



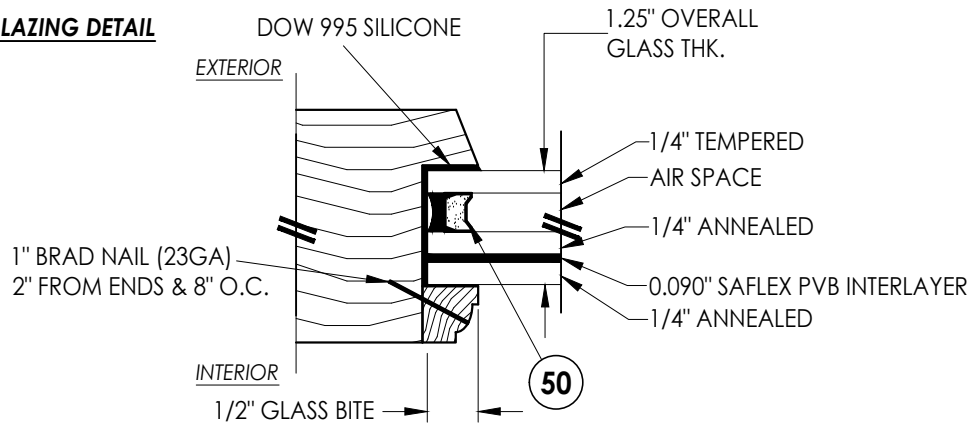
40 GLAZED DOOR PANEL



2 2 HORIZONTAL CROSS SECTION



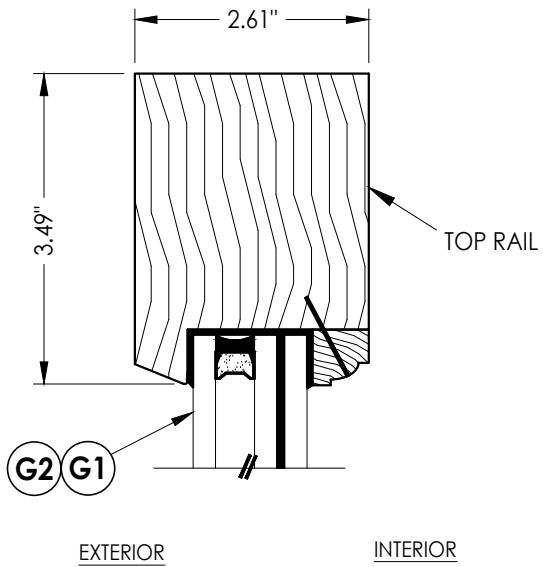
G1 GLAZING DETAIL



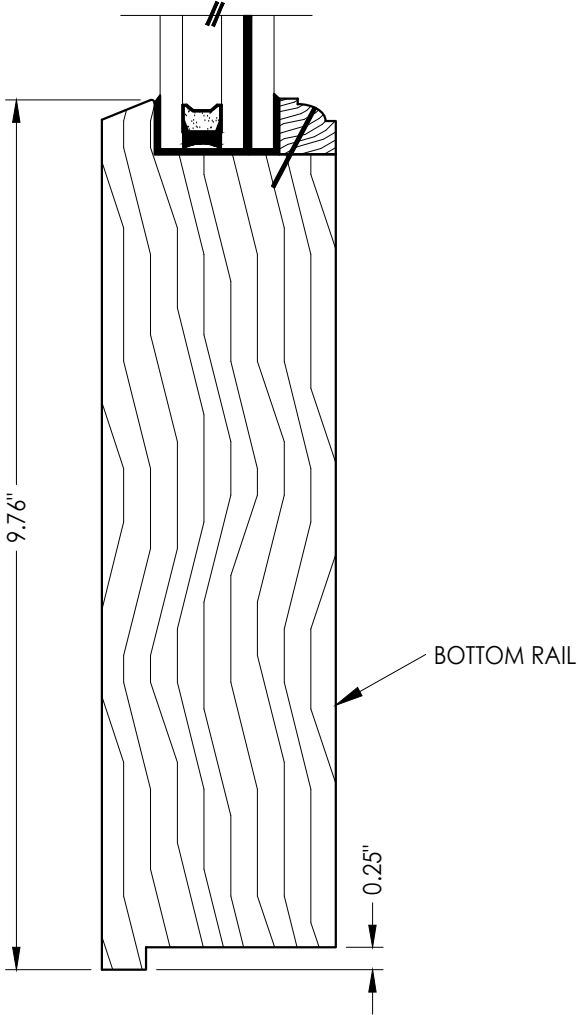
G2 GLAZING DETAIL

LOCK HARDWARE TABLE

MANUFACTURER	MODEL
HOPPE	HLS9000 MANUAL SHOOTBOLT (ACTIVE & INACTIVE DOORS)



1 2 VERTICAL CROSS SECTION



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PRODUCT:
BRANNEN MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
DOOR PANEL
& GLAZING DETAILS

NO.	DATE	REVISIONS
4	9/22/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	10/4/23	UPDATE TO 8TH ED. (2023) FBC LFS
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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15737.15

SHEET 2 OF 6

end &
end &

SEE NOTE 1

EXTERIOR

INTERIOR

3
3

HORIZONTAL CROSS SECTION

Inswing shown - outswing similar

1-1/4" MIN. EMB. (TYP.)

3/8" MAX. SHIM

7

G2 G1

40

32

K

37

35

36

E

D

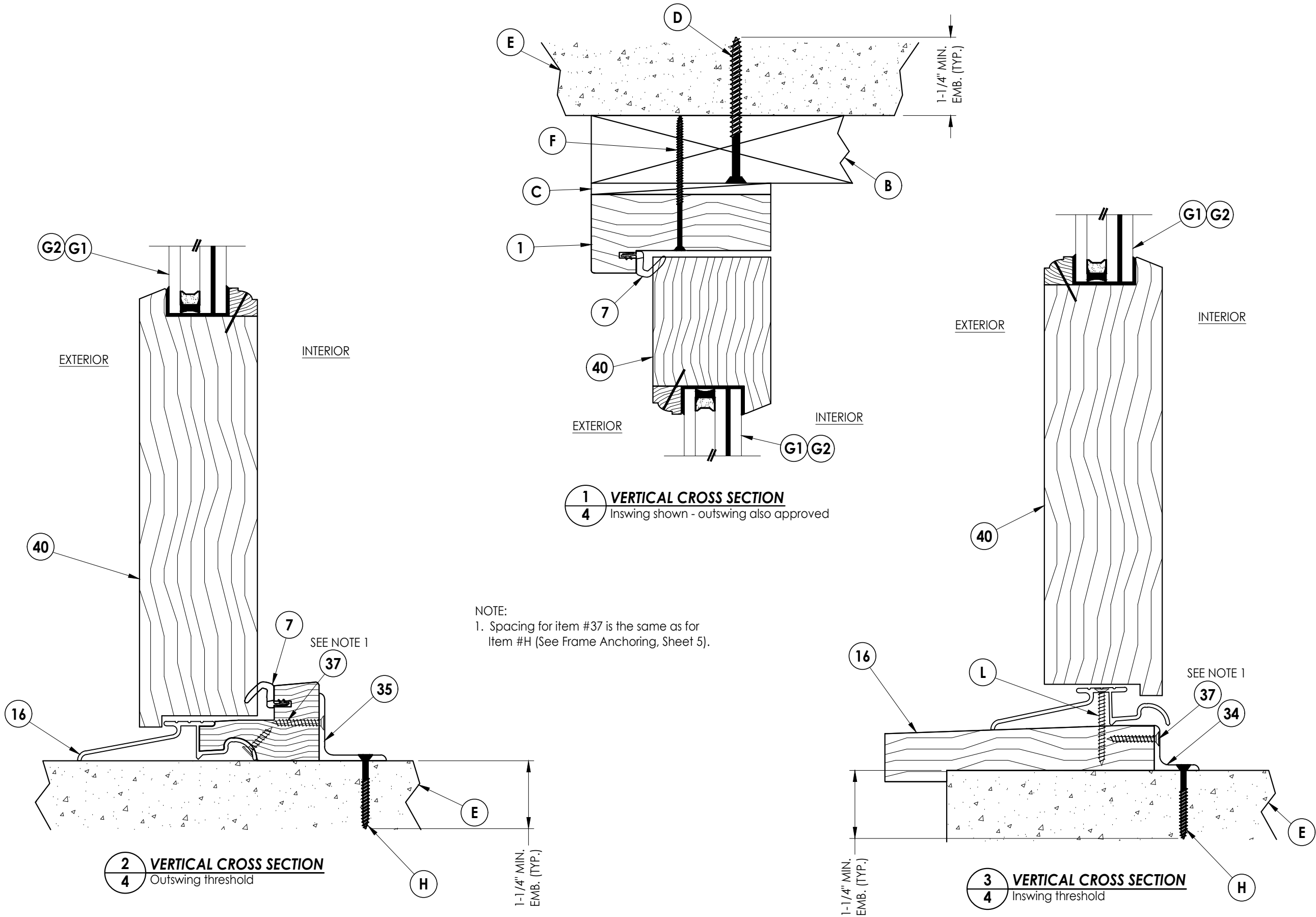
SEE NOTE 2

4 **HORIZONTAL CROSS SECTION**

3 Shown w/ alternate alum. flange anchor

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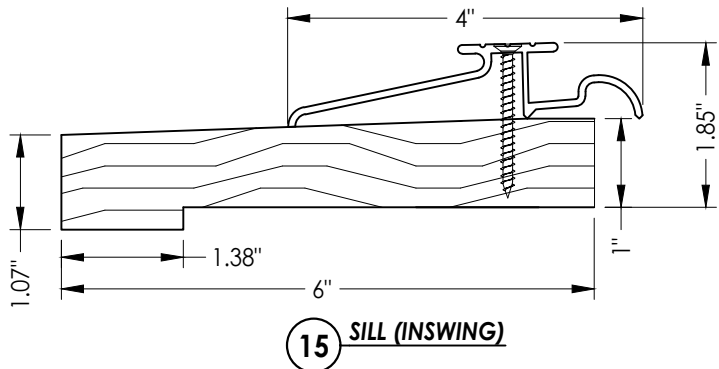
PRODUCT:		BRANNEN MILLWORK WOOD DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
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SHEET 4 OF 6						

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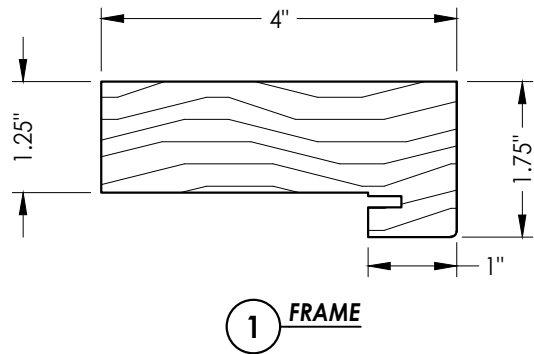
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 3" FH DEEP THREAD WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	3/16" PFH DeWALT CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
K	#8 X 3/4" PFH SMS	STEEL
L	#8 X 1-3/4" PFH SMS	STEEL
M	#10 X 2" PFH WOOD SCREW	STEEL
N	#6 X 1-1/2" SQ OVAL HEAD WOOD SCREW	STEEL
1	FRAME HEAD AND JAMB	WOOD
7	WEATHERSTRIP	VINYL
9	4.5" X 4.5" HINGE	STEEL
10	#12 X 1-1/4" PFH SMS	STEEL
15	SILL (INSWING)	ALUM/WOOD
16	SILL (OUTSWING)	ALUM/WOOD
32	MULTI-POINT LOCK STRIKE PLATE	STEEL
34	ALUMINUM FLANGE ANCHOR (6063-T5)	ALUM
35	ALUMINUM FLANGE ANCHOR (6063-T5)	ALUM
36	#8 X 2" FH DEEP THREAD WOOD SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
37	#8 X 1-1/4" PFH WOOD SCREW (1-1/8" MIN. EMBEDMENT)	STEEL
40	WOOD DOOR PANEL	WOOD
45	ASTRAGAL	WOOD
46	SHOOTBOLT STRIKE PLATE	STEEL
50	GLAZING SPACER (DESICCANT FILLED)	ST. STEEL

NOTE: DOOR COMPONENT WOOD (SG >= 0.54)

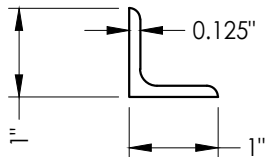
CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



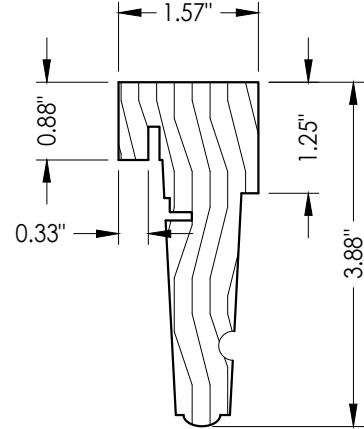
15 SILL (INSWING)



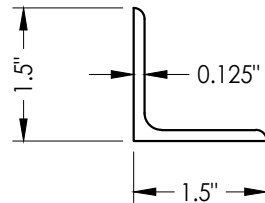
1 FRAME



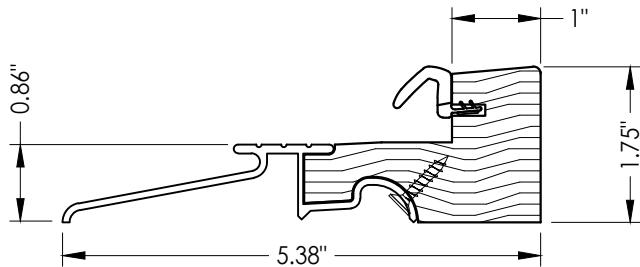
34 ALUM FLANGE



45 ASTRAGAL



35 ALUM FLANGE



16 SILL (OUTSWING)

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SHEET 6 OF 6							