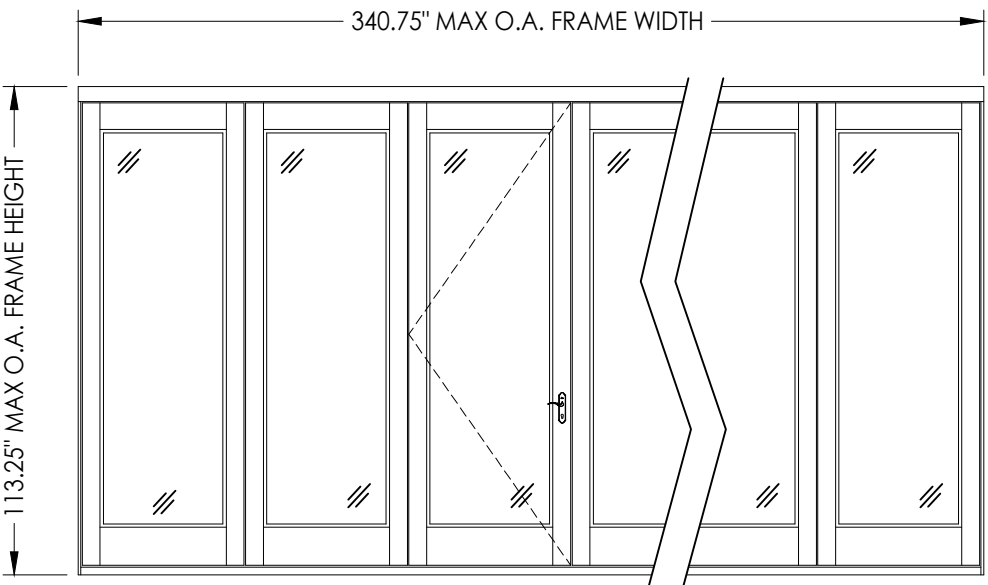


145 KING STREET
CHARLESTON, SC 29401

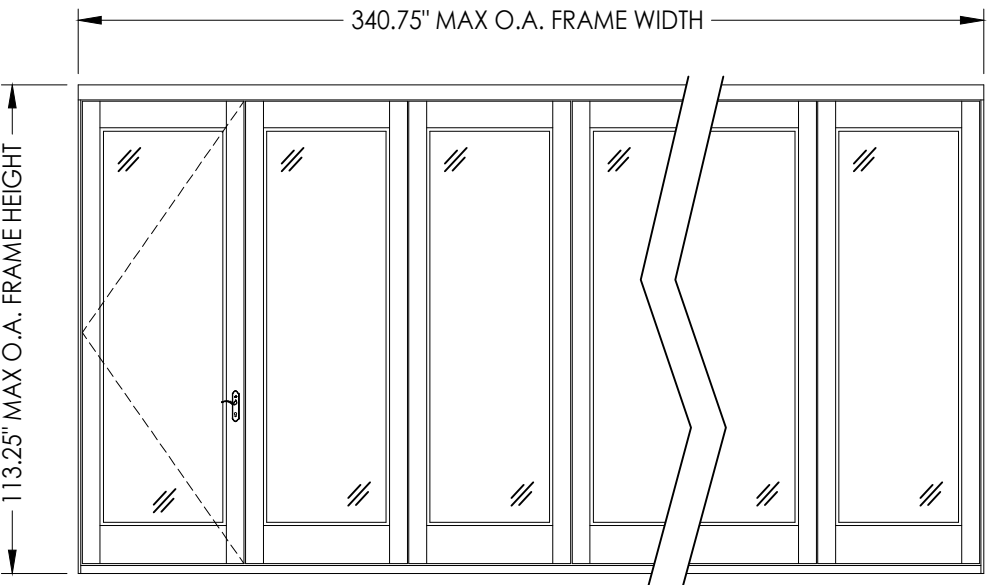
Digitally signed by Lyndon F Schmidt
Date: 2023.09.14 14:30:53 -04'00'

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



Folding Doors (1-2) **Active Door** **Folding Doors (4-8)**
(@ Interior Panel)



Active Door **Folding Doors (2-7)**

MAX O.A. FRAME DIMENSION	MAX PANEL DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
340.75" X 113.25"	42.0" X 107.0"	29.5" X 94.25"	G1	+55.0	-55.0

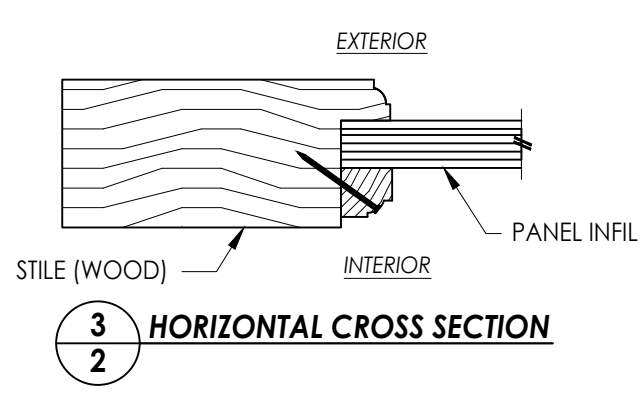
GENERAL NOTES

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 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. Active door and folding door panels may be interchanged with a configuration including up to 8 panels maximum allowed.
5. This product meets water infiltration requirements when used with the sill assembly extension.
6. This product does not meet the water infiltration requirements when used without the sill assembly extension and shall be installed only in non-habital areas or where protected by an overhang or canopy such that the angle between the edge of the overhang or canopy to sill is less than 45 degrees.
7. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

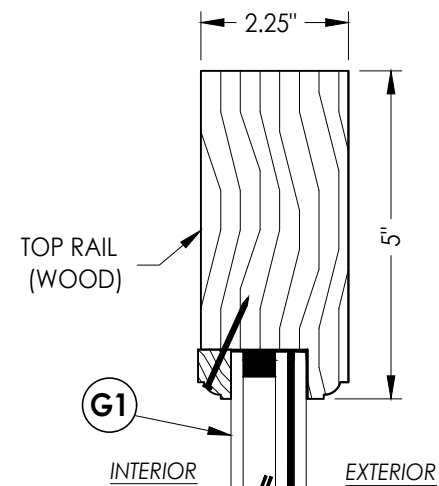
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Door components & glazing details
3	Elevation (door @ end panel)
4	Elevation (door @ interior panel)
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Frame anchoring
9	Bill of materials and components

PRODUCT:					
MILLWORK ARTISANS FOLDING DOOR					
PART OR ASSEMBLY:					
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES					
4	9/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	9/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE			BY	
					REVISIONS
DATE: 11/19/14					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-17348.1					
SHEET	1	OF	9		

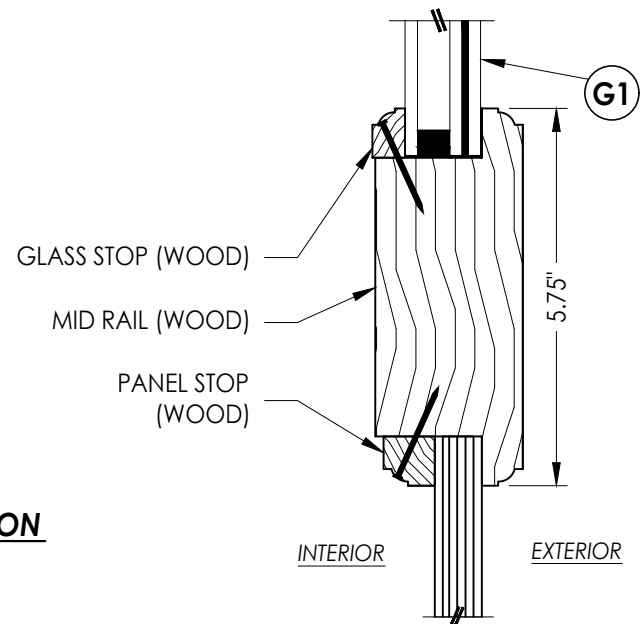
2 **HORIZONTAL CROSS SECTION**



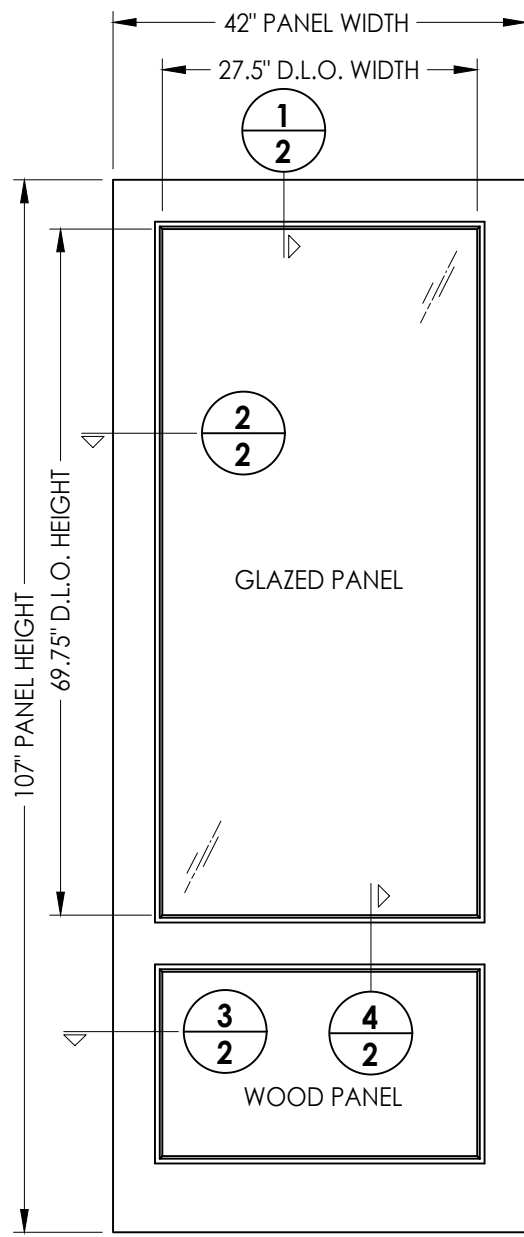
3 2 HORIZONTAL CROSS SECTION



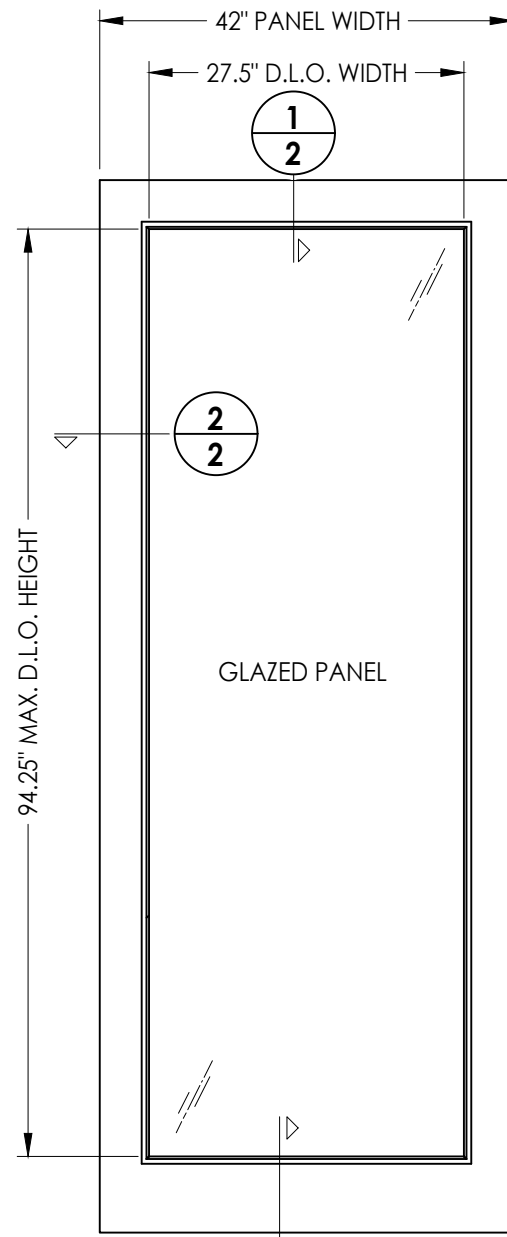
1 VERTICAL CROSS SECTION
2



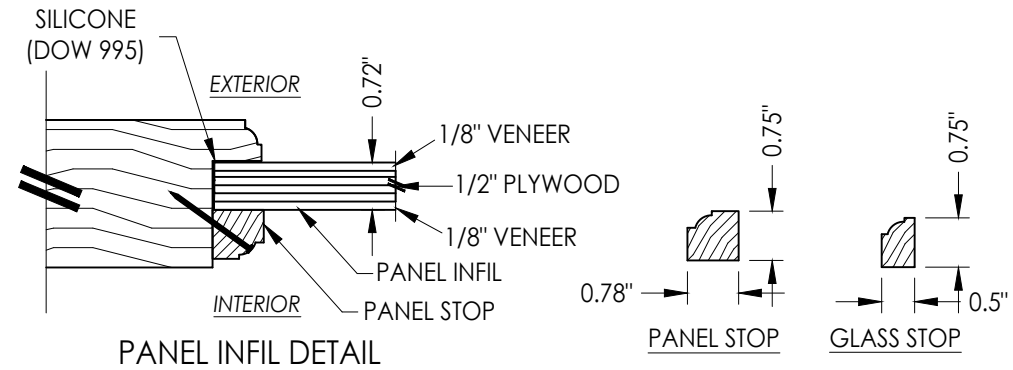
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2 **VERTICAL CROSS SECTION**



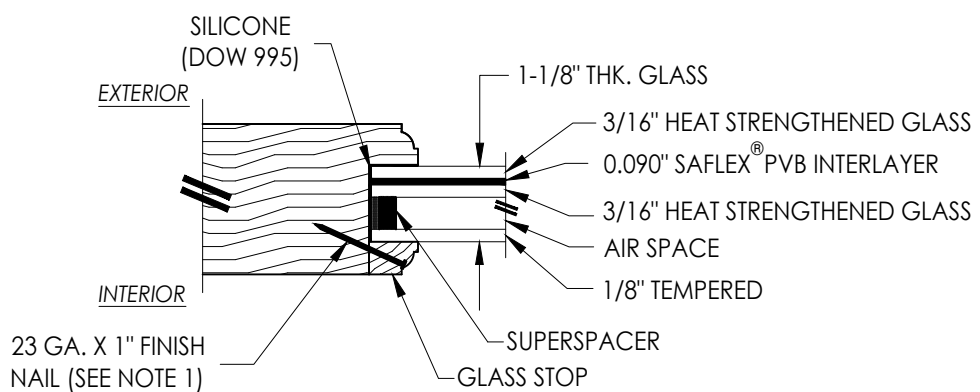
40 WOOD DOOR
Wood panels



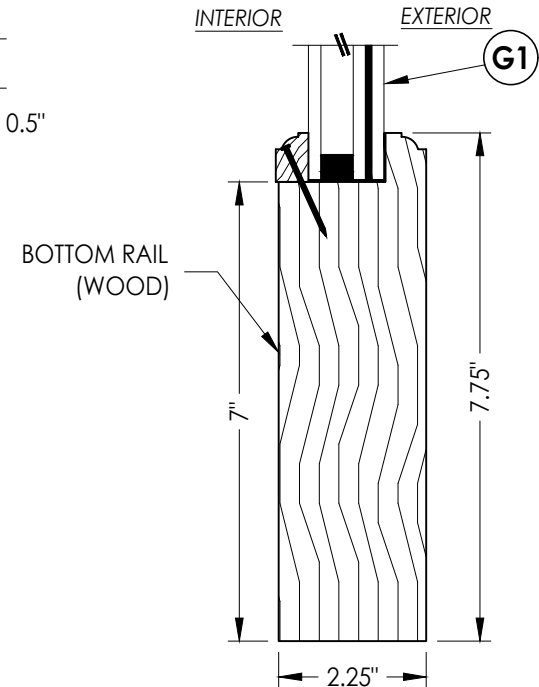
40 WOOD DOOR
Full glazed



PANEL INFIL DETAIL



G1 GLAZING DETAIL



5 2 VERTICAL CROSS SECTION

NOTE:
1. Spacing for item #17 is 4" from corners and 12" o.c. thereafter.

[illegible]

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

VIEW FROM INTERIOR
Shown w/ Door @ End Panel

Symphony 200 Flush Mount Surface Bolts (Typ.)

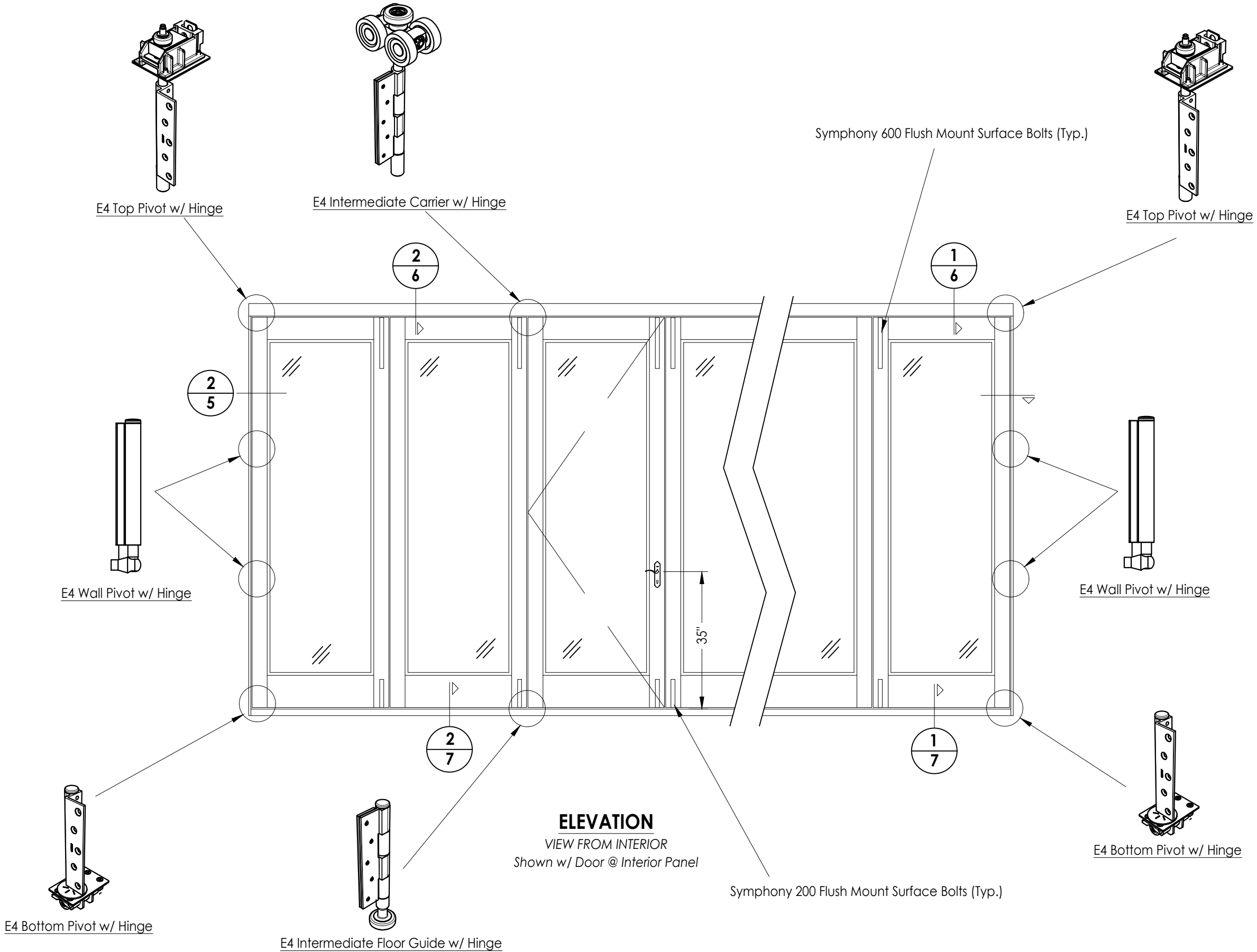
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3	9/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE			BY	
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SHEET 3 OF 9

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3	9/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
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CHK. BY: LFS

DRAWING NO.:

FL-17348.1

SHEET 4 OF 9

PRODUCT:
MILLWORK ARTISANS
FOLDING DOOR

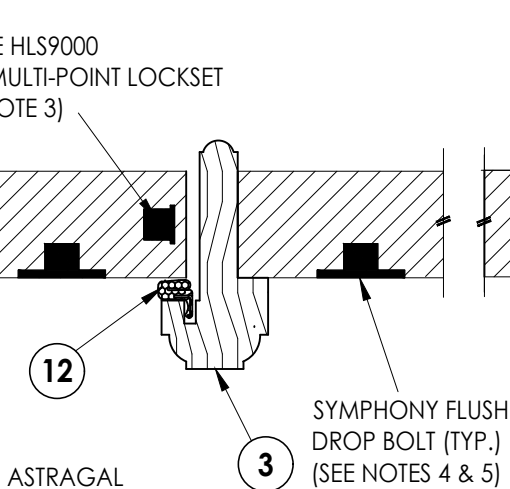
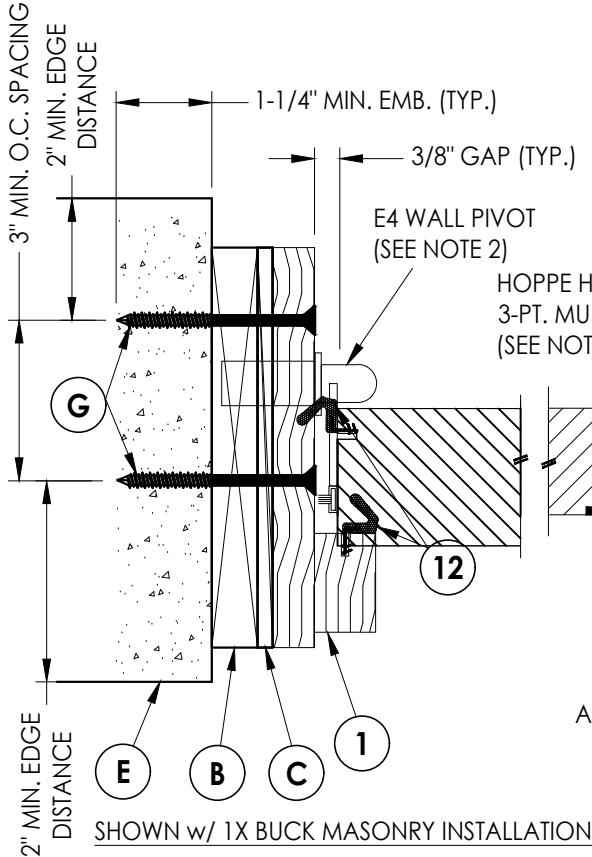
PART OR ASSEMBLY:
ELEVATION
(DOOR @ INTERIOR PANEL)

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

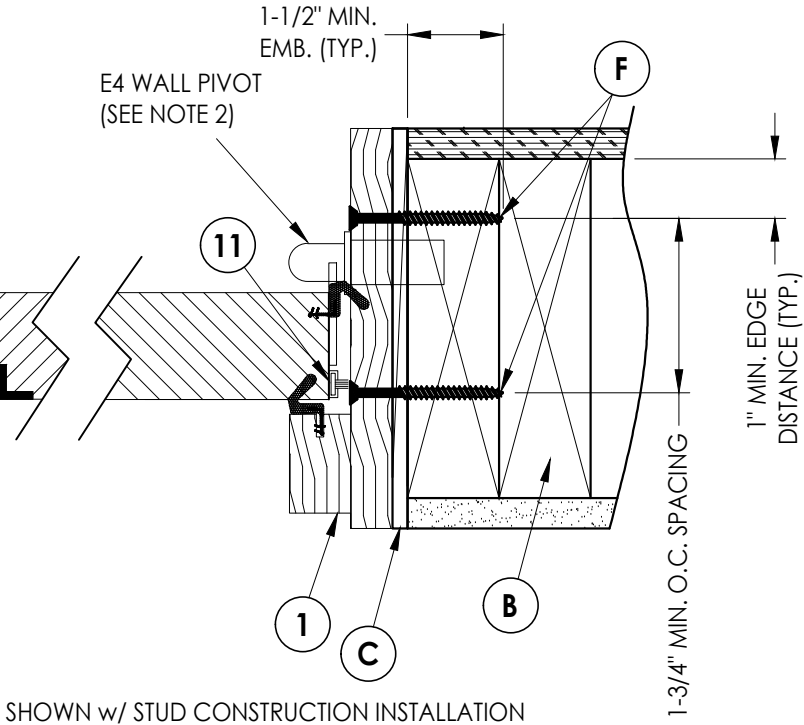
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Phone No.: 813.659.9197
FBPE Registry No. 9813

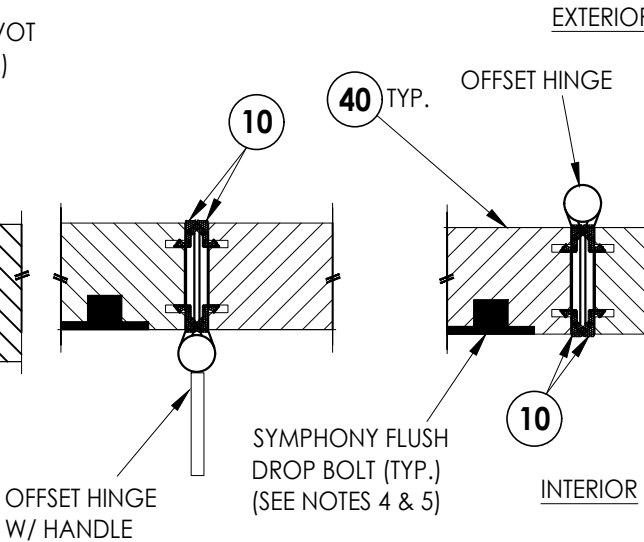
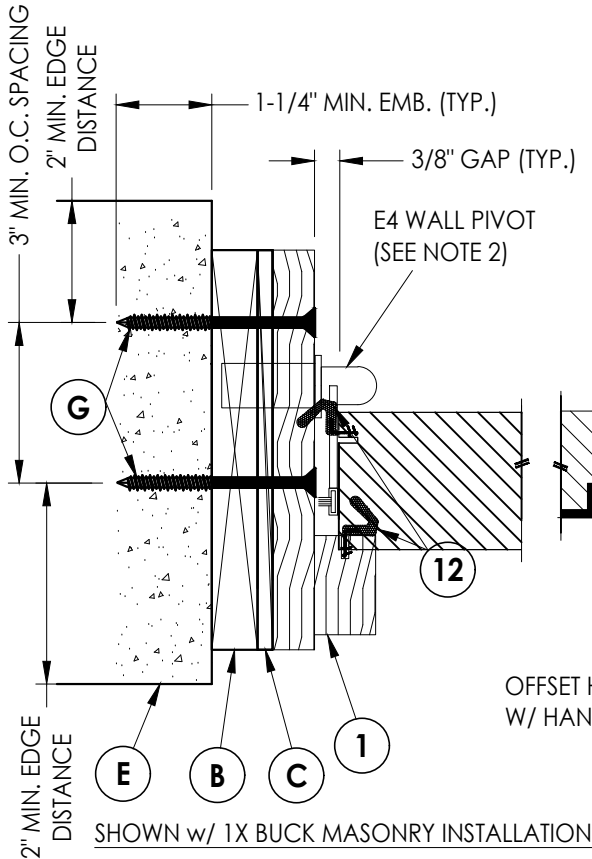
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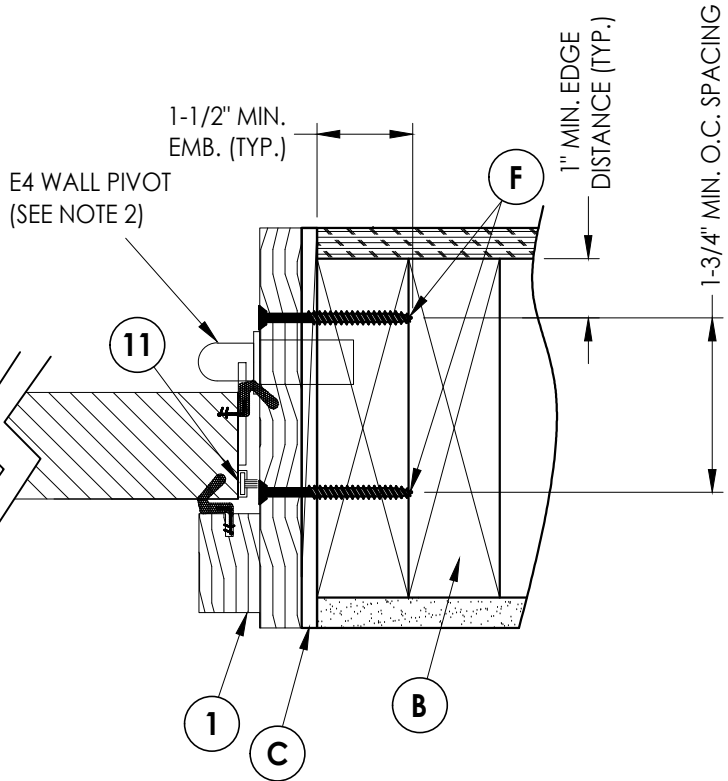
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ Door at End Panel



- NOTES:
- All hinges secured to the door slabs w/ (5) #10 x 2" SMS.
 - E4 Wall Pivot secured to the jamb w/ (2) #10 x 2" SMS.
 - Hoppe HLS9000 Multi-point Lockset (Manual Tongue 3-point System) on active door.
Standard tongue strike plate secured to inactive door w/ (2) #10 x 2" SMS.
Standard latch & deadbolt strike plate secured to inactive door w/ (3) #10 x 2" SMS.
 - Symphony 600 Flush Mount Surface Bolts located @ the top of the door stiles where indicated & attached with (7) #8 x 1-3/4" SMS. Strike plate at the head secured w/ (2) #10 x 2" SMS.
 - Symphony 200 Flush Mount Surface Bolts located @ the bottom of the door stiles where indicated & attached with (5) #8 x 1-3/4" SMS. Flush bolt cup at the sill secured w/ (2) #10 x 2" SMS.



2
5 **HORIZONTAL CROSS SECTION**
Shown w/ Door at Interior Panel



SHOWN w/ STUD CONSTRUCTION INSTALLATION

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P.E. No. 43409

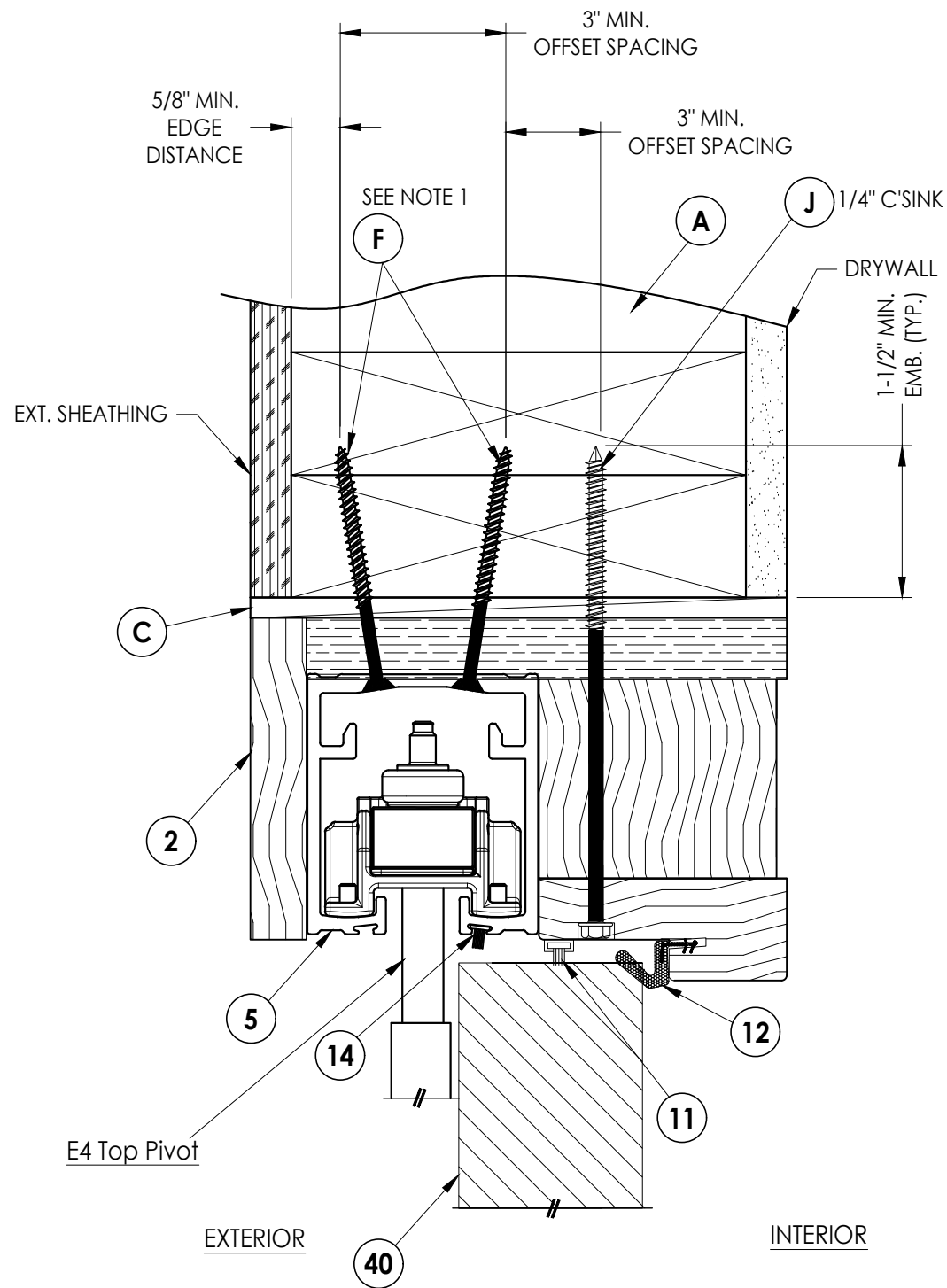
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
MILLWORK ARTISANS
FOLDING DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

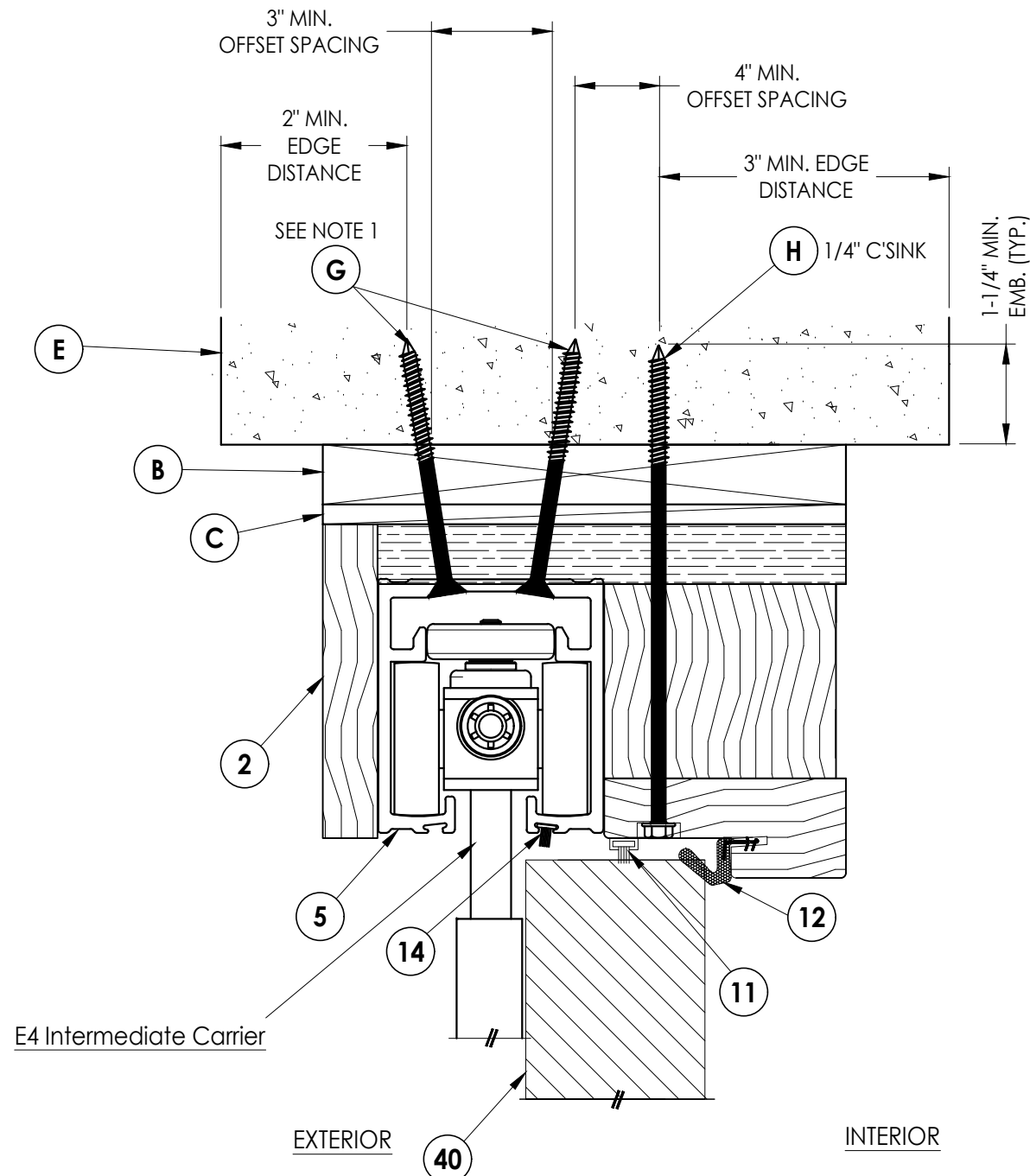
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3	9/29/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	3/03/15	UPDATE TO 5TH ED. (2014) FBC	JK
DATE: 11/19/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17348.1			
SHEET 5 OF 9			

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1
6 **VERTICAL CROSS SECTION**
Stud Construction

- NOTES:
1. Anchors installed at 9° angle formed by head track.



2
6 **VERTICAL CROSS SECTION**
1X Buck Construction

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

PRODUCT:
MILLWORK ARTISANS
FOLDING DOOR

PART OR ASSEMBLY:

VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS		
		BY	JK	LFS
4	9/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	9/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK
1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK

DATE: 11/19/14

SCALE: N.T.S.

DWG. BY: JK

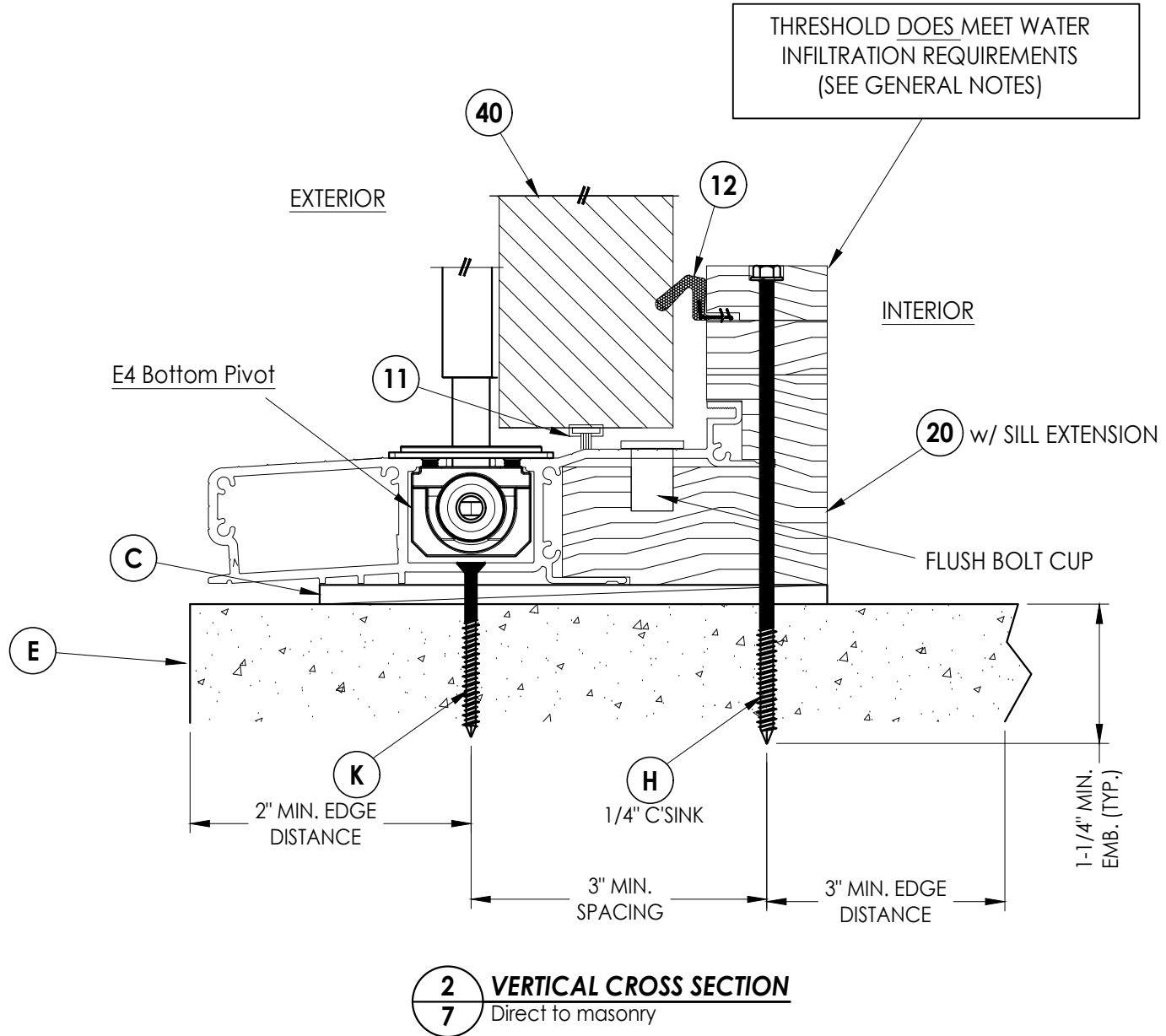
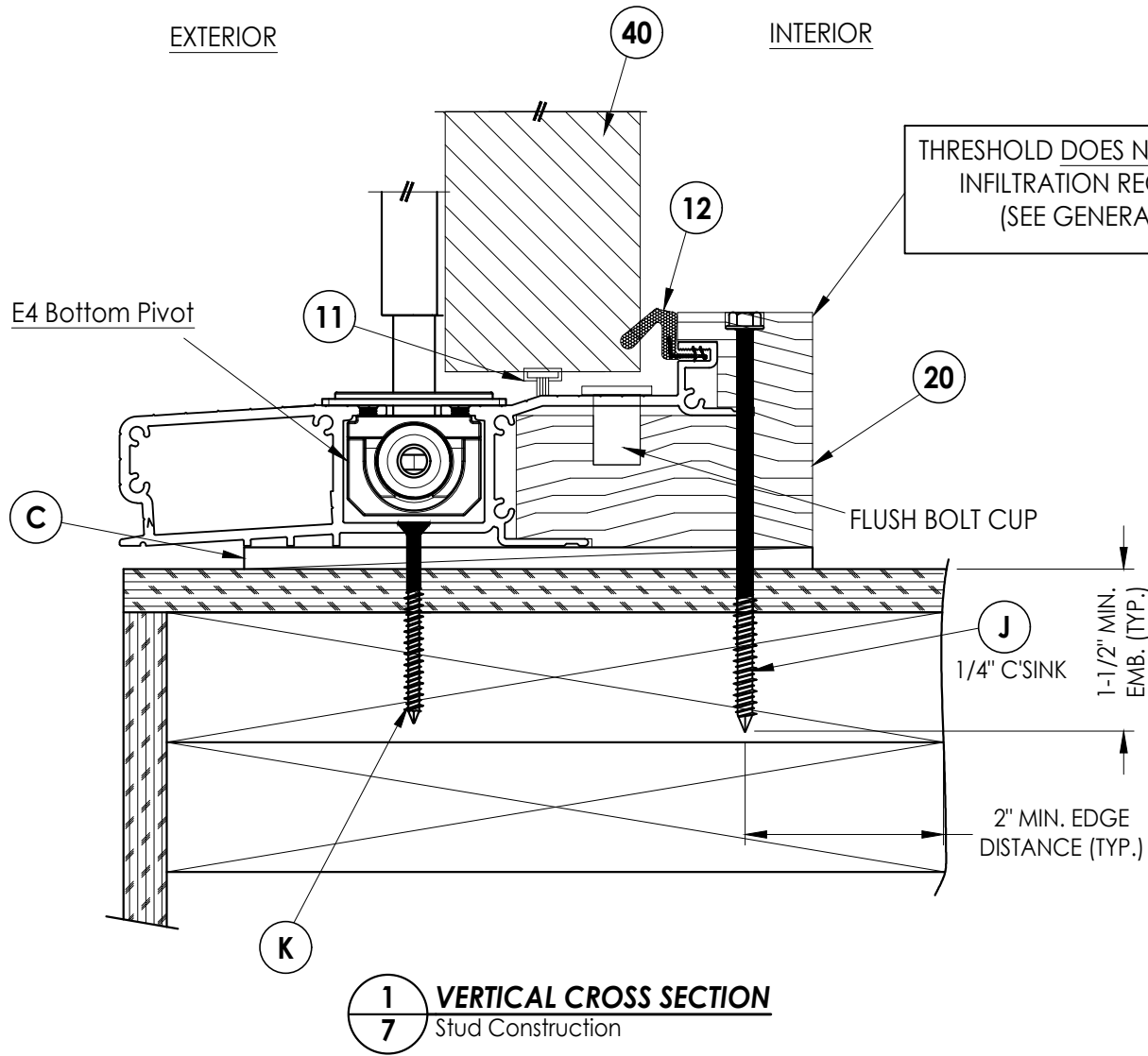
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DRAWING NO.:
FL-17348.1

SHEET 6 OF 9

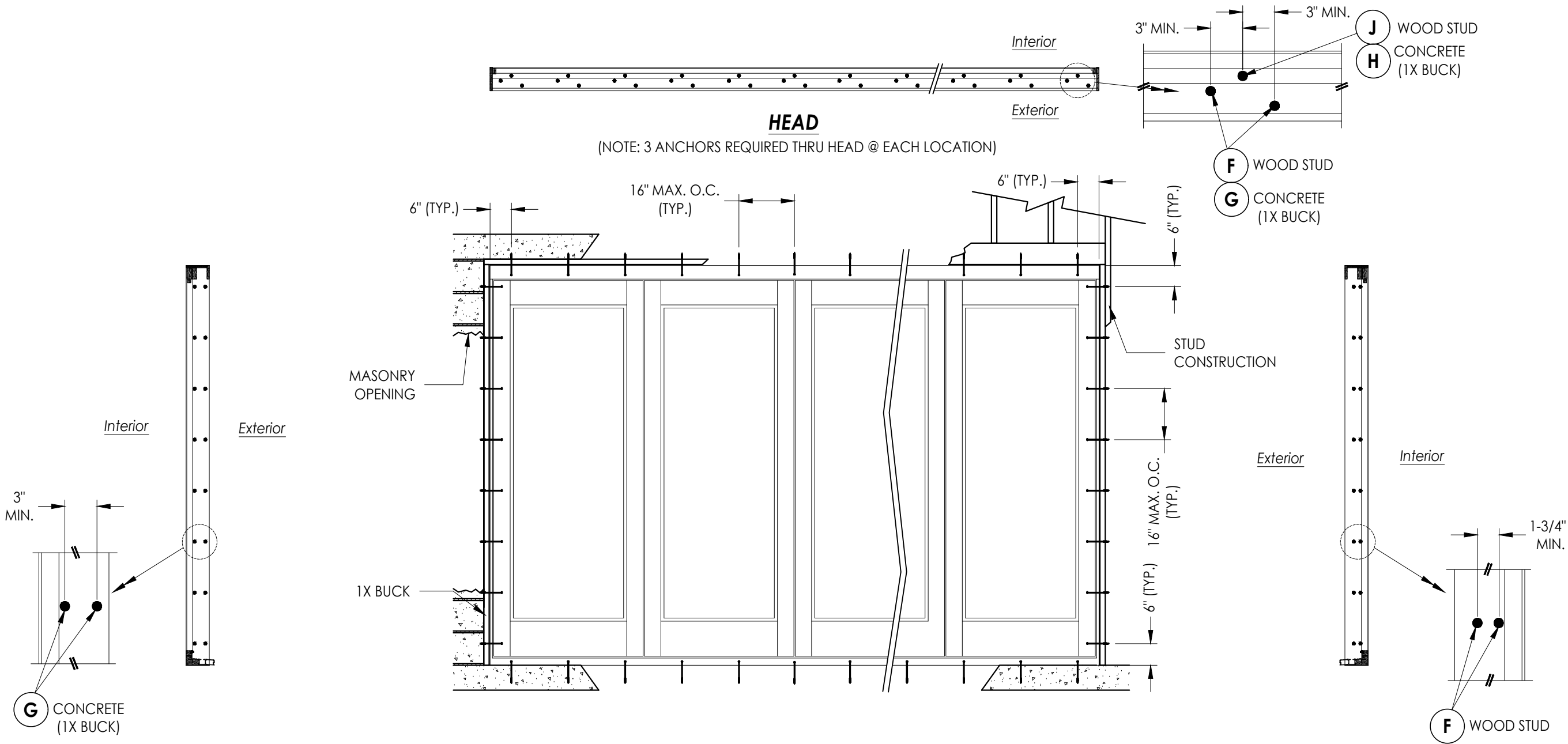
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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:	MILLWORK ARTISANS FOLDING DOOR		VERTICAL CROSS SECTIONS
	PART OR ASSEMBLY:		
			REVISIONS
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	3	9/29/20 UPDATE TO 7TH ED. (2020) FBC LFS	
	2	10/03/17 UPDATE TO 6TH ED. (2017) FBC JK	
	1	3/03/15 UPDATE TO 5TH ED. (2014) FBC JK	
	NO.	DATE	BY
DATE: 11/19/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17348.1			
SHEET 7 OF 9			

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JAMB
(NOTE: 2 ANCHORS REQUIRED THRU JAMB @ EACH LOCATION)

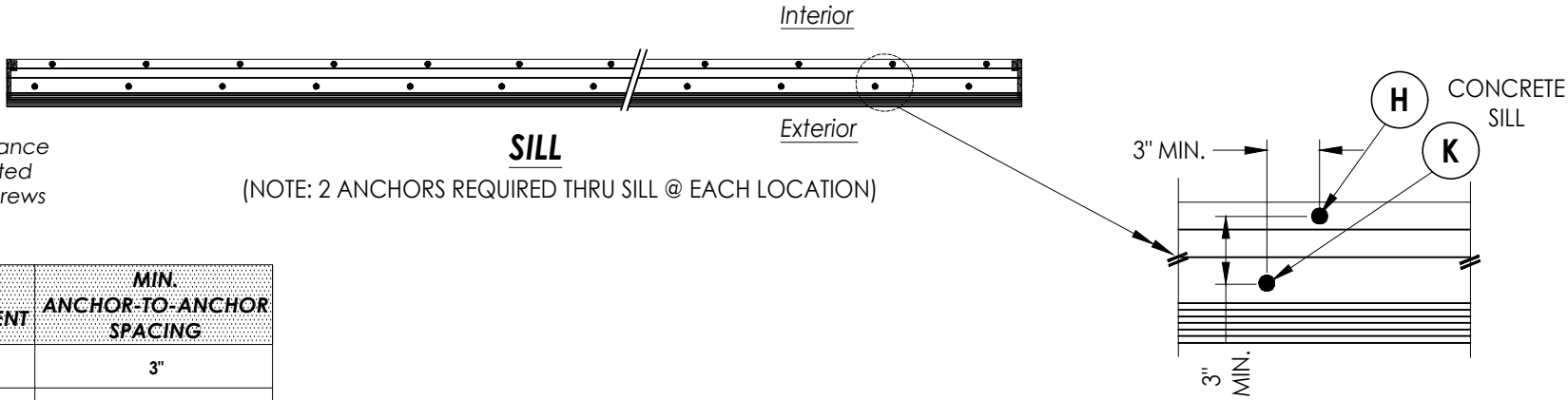
FRAME ANCHORING
Shown w/ 1x Buck & Stud Construction Installation

JAMB
(NOTE: 2 ANCHORS REQUIRED THRU JAMB @ EACH LOCATION)

CONCRETE ANCHOR NOTES:

- Concrete screw locations may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT	MIN. ANCHOR-TO-ANCHOR SPACING
CONCRETE ANCHOR SCREW	HEAD / JAMBS	3/16" Ø	TAPCON® (ITW BUILDEX)	2"	1-1/4"	3"
	HEAD / SILL	1/4" Ø	TAPCON® (ITW BUILDEX)	3"	1-1/4"	4"



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:		MILLWORK ARTISANS FOLDING DOOR		RW FRAME ANCHORING			
PART OR ASSEMBLY:							
				9/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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				10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK
				3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK
				NO.	DATE		BY
				REVISIONS			
DATE: 11/19/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17348.1							
SHEET 8 OF 9							

