

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.12.dwg

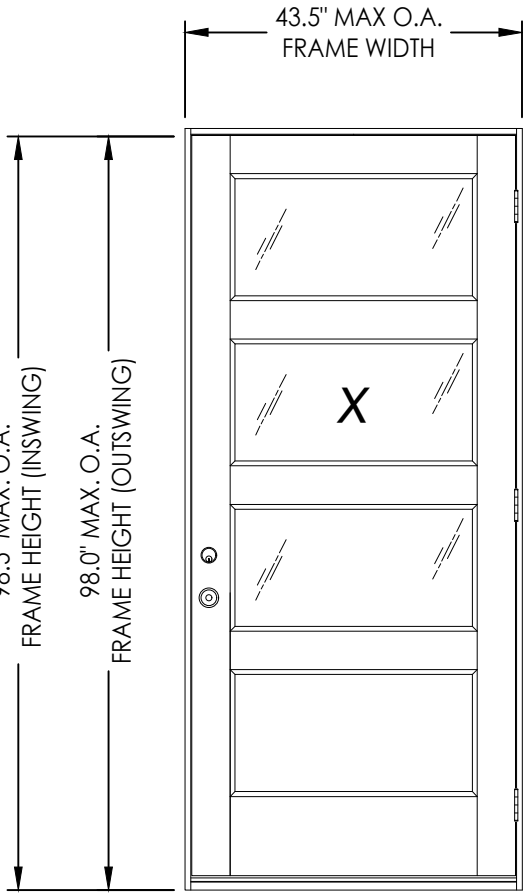


IMPACT 360 SERIES
WOOD GLAZED OR OPAQUE
SINGLE DOOR
INSWING/OUTSWING
"IMPACT"

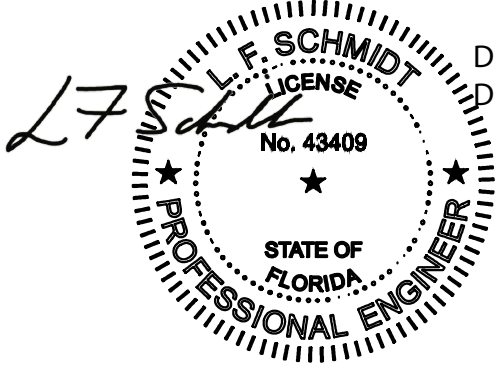
GENERAL NOTES:

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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. When used in areas outside the "HVHZ" 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations meet water infiltration requirements for "HVHZ".
8. Inswing configurations do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Vertical Cross Sections (Thresholds)
6	Buck & Frame Anchoring
7	Bill of Materials & Components



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+55.0	-65.0	+55.0	-55.0



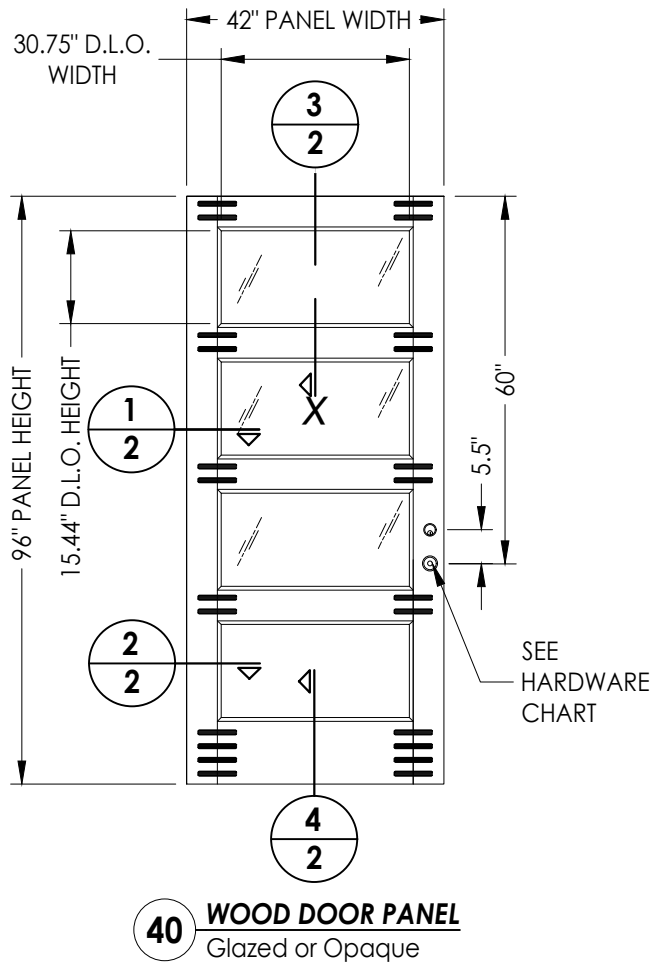
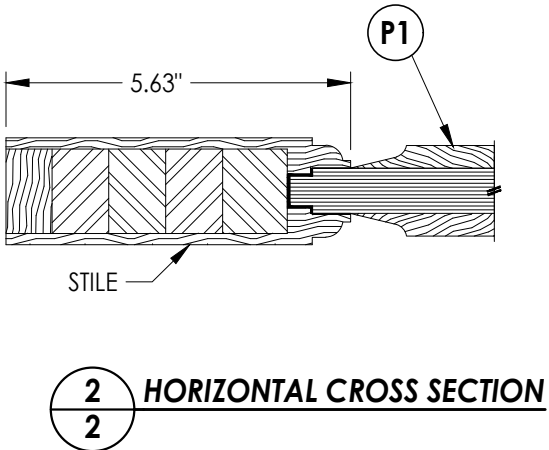
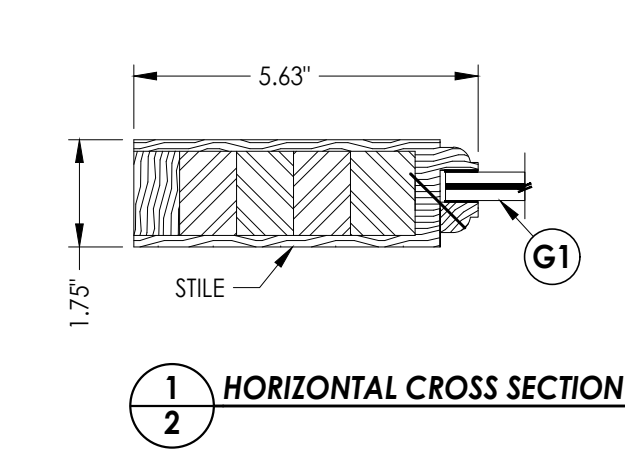
Digitally signed by Lyndon F Schmidt
Date: 2026.08.27 12:26:18 -04'00'

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.

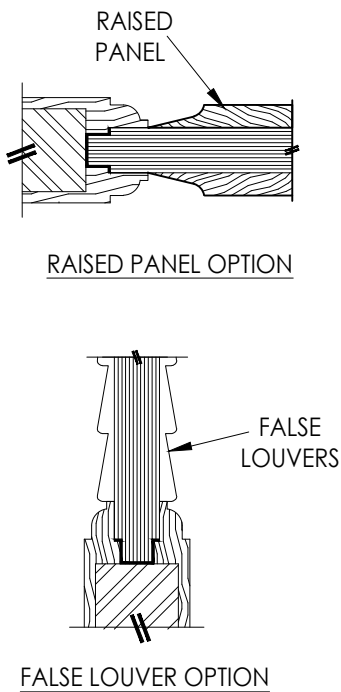
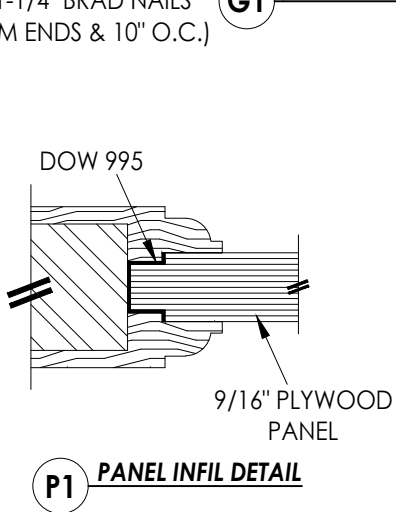
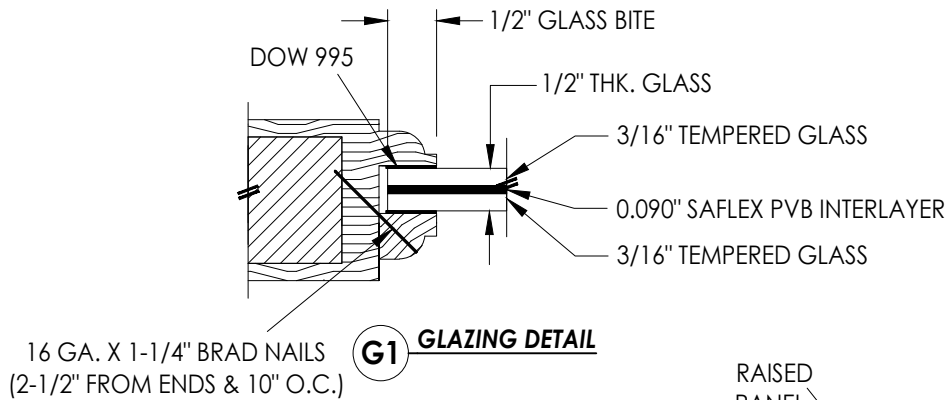
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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: MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		LFS	
		FBC	
	8/26/26	UPDATE TO 9TH ED. (2026)	
	2	8/08/23	UPDATE TO 8TH ED. (2023)
	1	9/01/20	UPDATE TO 7TH ED. (2020)
	NO.	DATE	BY
REVISIONS			
DATE: 2/14/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21891.12			
SHEET 1 OF 7			

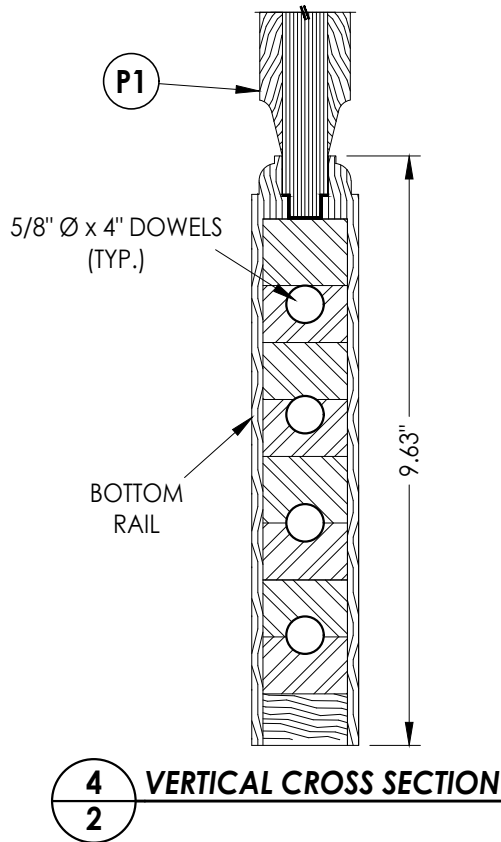
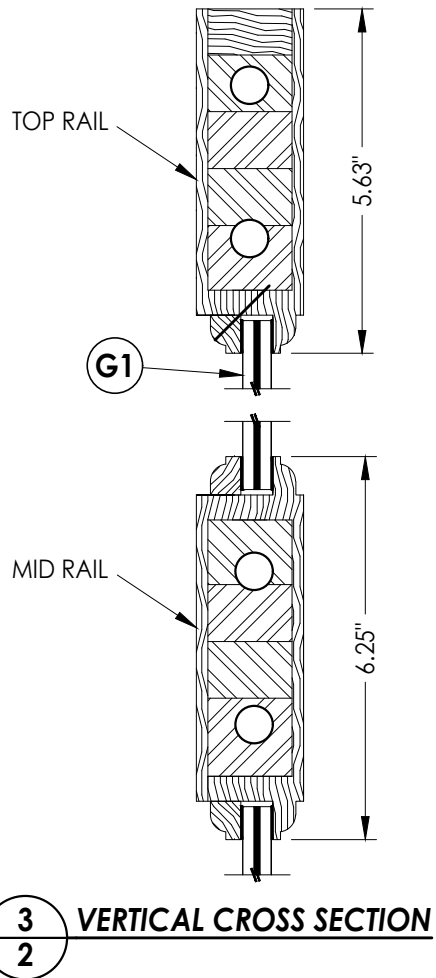
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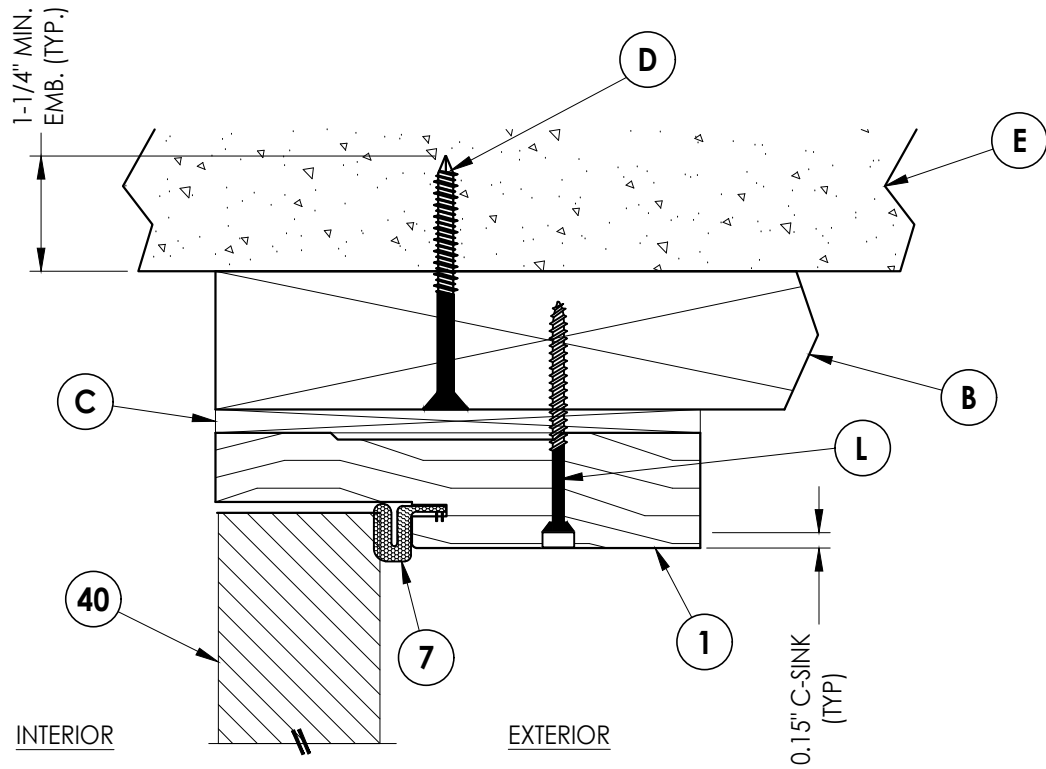
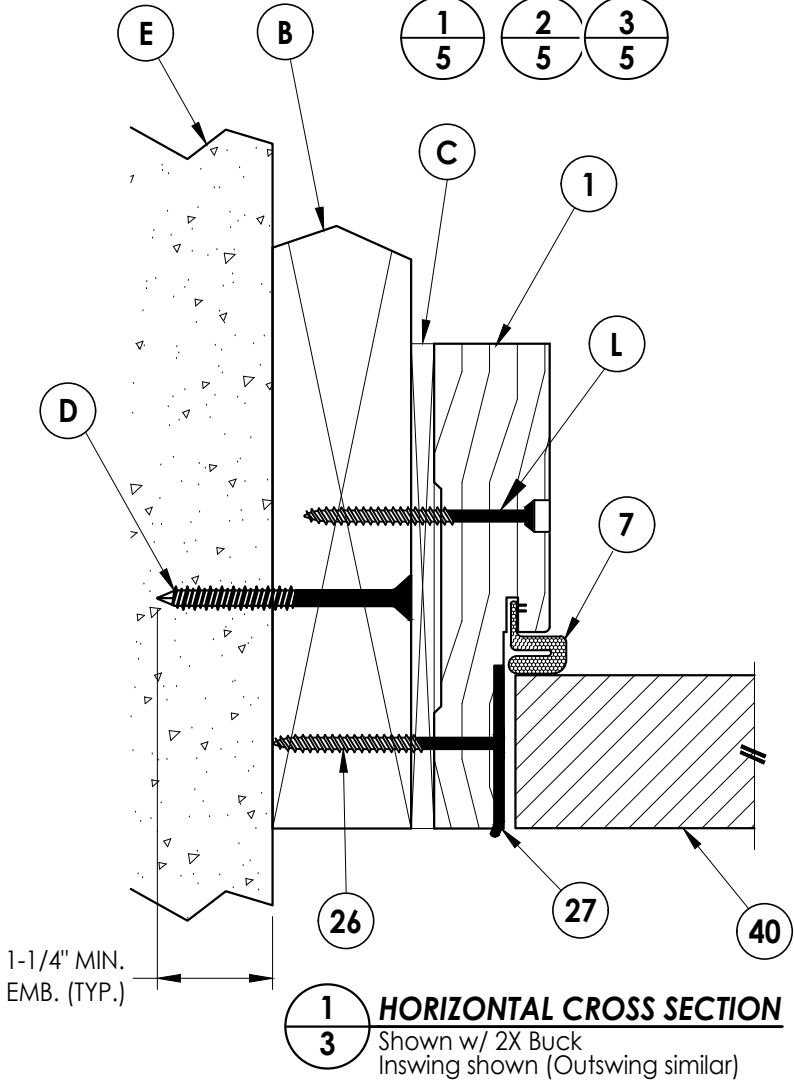
WOOD DOOR COMPONENTS:
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)
VENEER/EDGES: CYPRESS (G = 0.42)
NOTE: VENEER/EDGE MAY INCLUDE OAK, CHERRY, WALNUT OR
OTHER OPTIONAL HARDWOOD SPECIES w/ G >= 0.42.



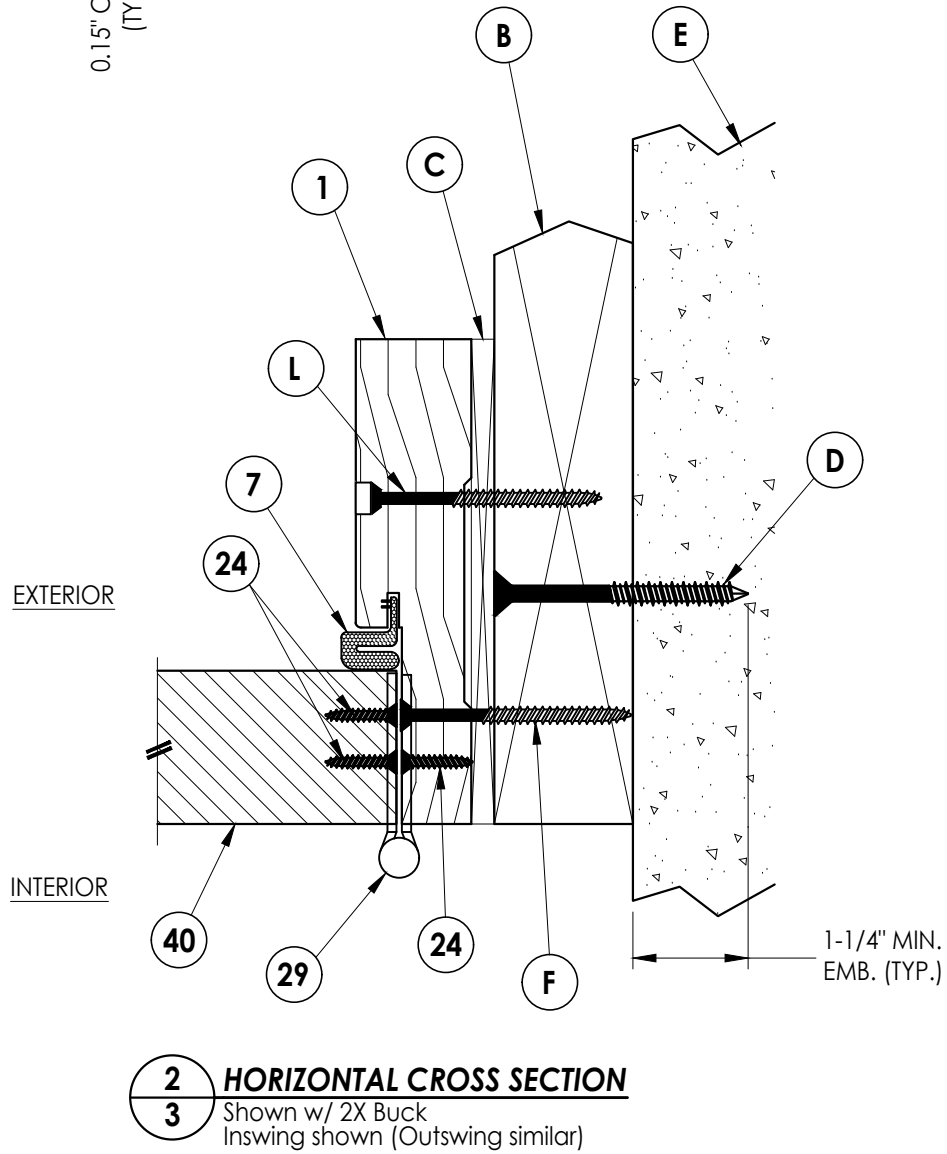
HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)



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PRODUCT: MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
		LFS	BY
3	8/26/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	9/01/20	UPDATE TO 7TH ED. (2020) FBC	LFS
NO.	DATE	REVISIONS	
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DWG. BY: JK			
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DRAWING NO.: FL-21891.12			
SHEET 2 OF 7			



3 VERTICAL CROSS SECTION
3 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



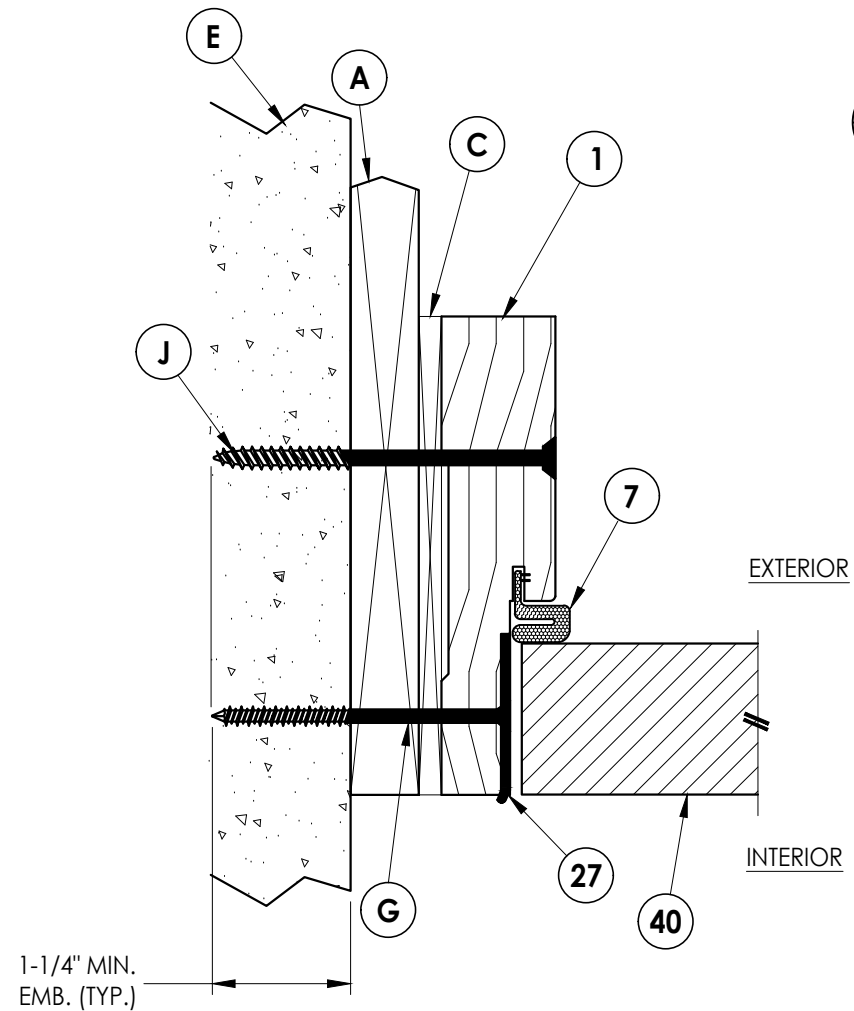
2 HORIZONTAL CROSS SECTION
3 Shown w/ 2X Buck
 Inswing shown (Outswing similar)

3	8/26/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS				
2	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS				
1	9/01/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS				
NO.	DATE				BY				
					REVISIONS				
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CHK. BY: LFS									
DRAWING NO.: FL-21891.12									
SHEET 3 OF 7									

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P.E. No. 43409

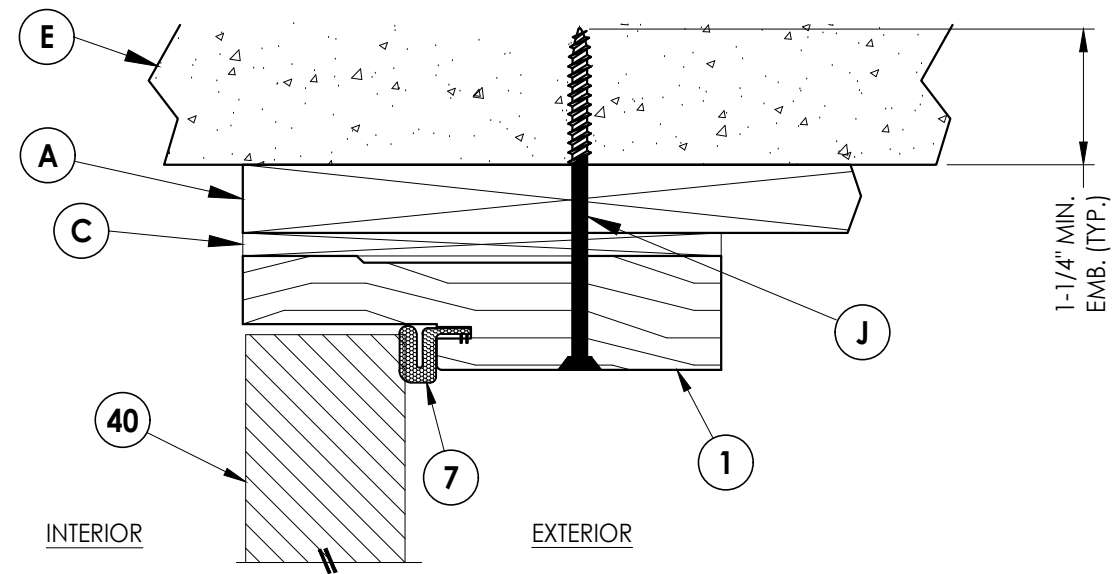
RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
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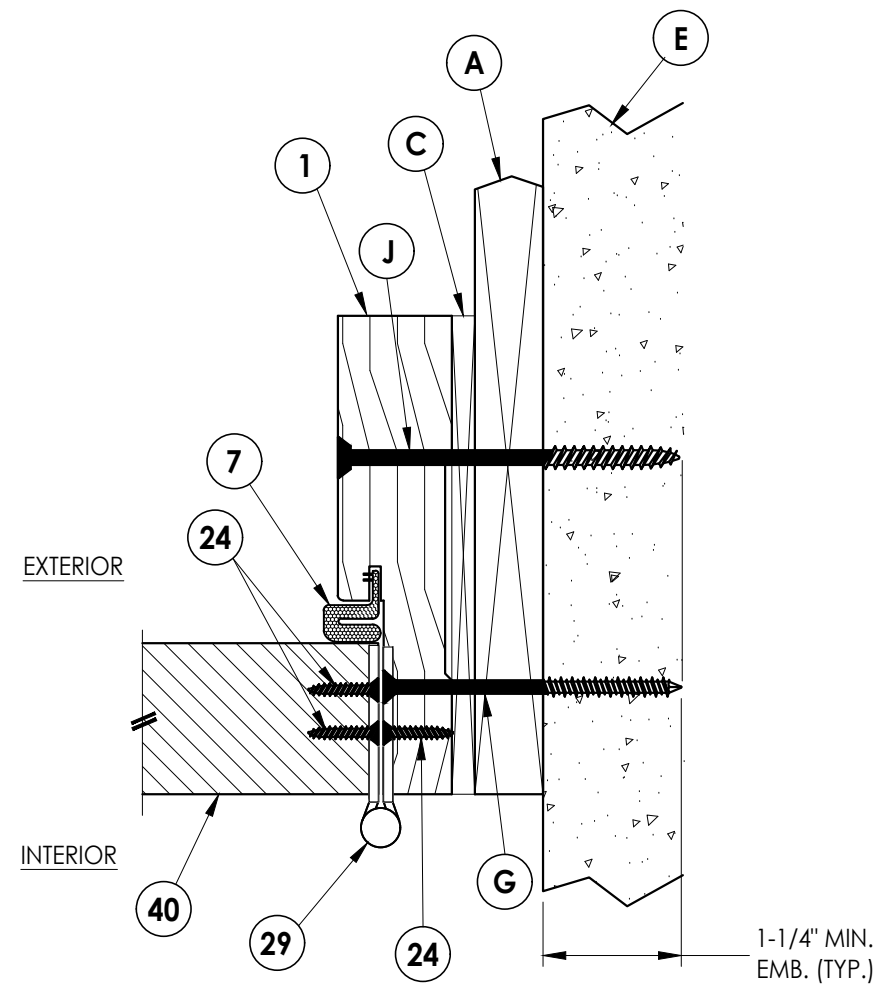


1 4 **HORIZONTAL CROSS SECTION**

Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



3 **VERTICAL CROSS SECTION**
4 Shown w/ 1X sub-buck
 Inswing shown (Outswing similar)



2 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
 Inswing shown (Outswing similar)

[illegible]

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INTERIOR

EXTERIOR

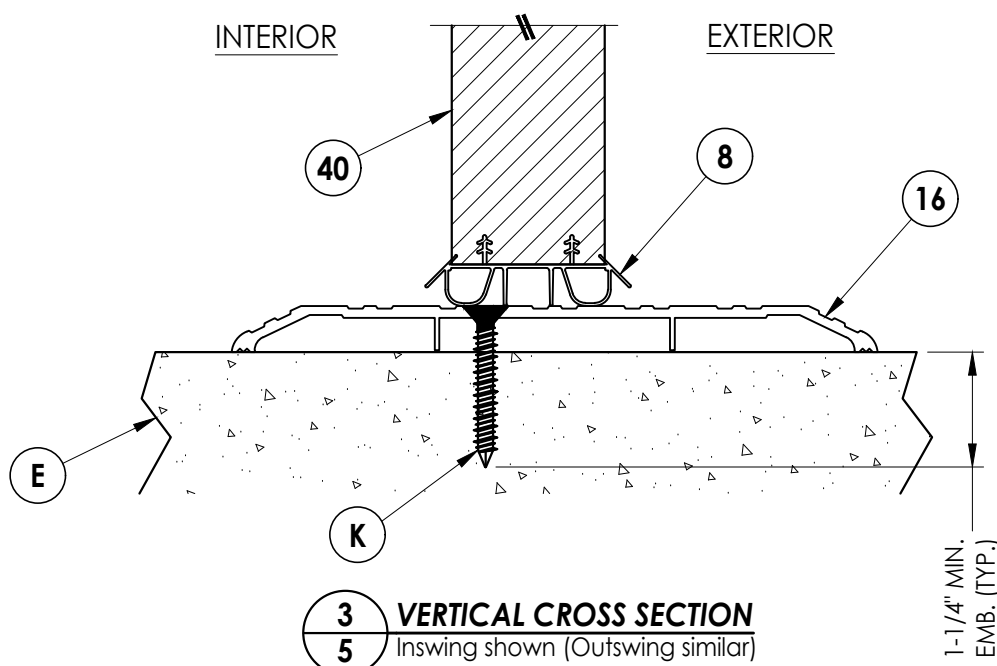
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8

15

E

2 **VERTICAL CROSS SECTION**
5 Inswing



3 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)

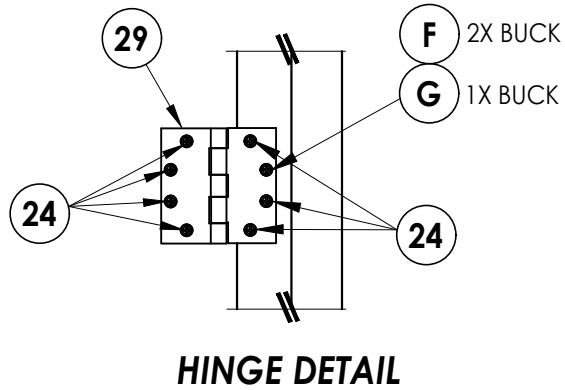
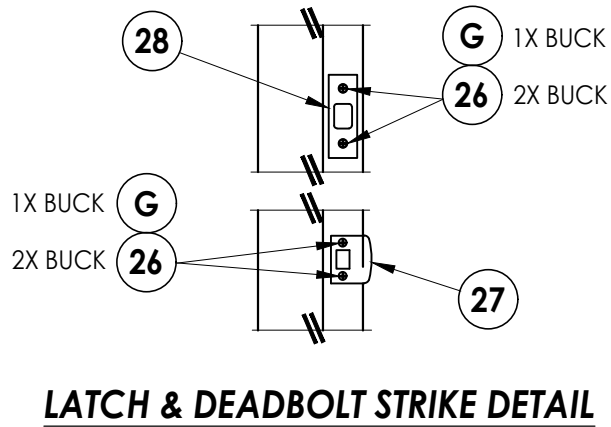
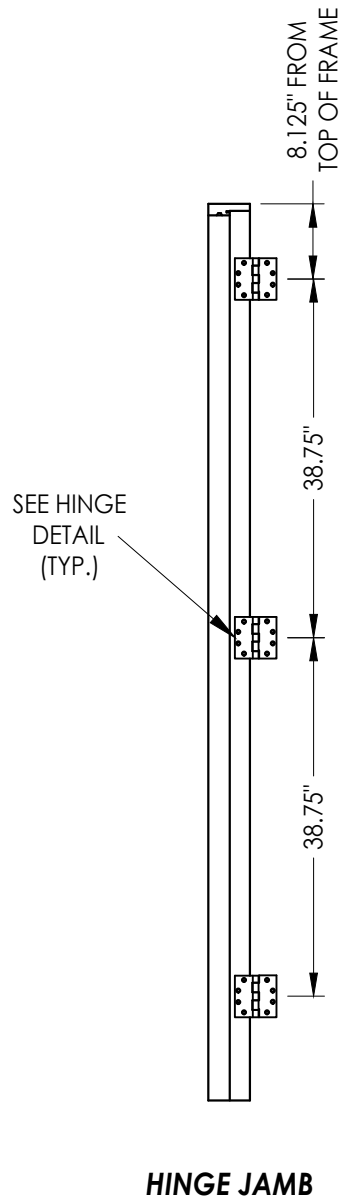
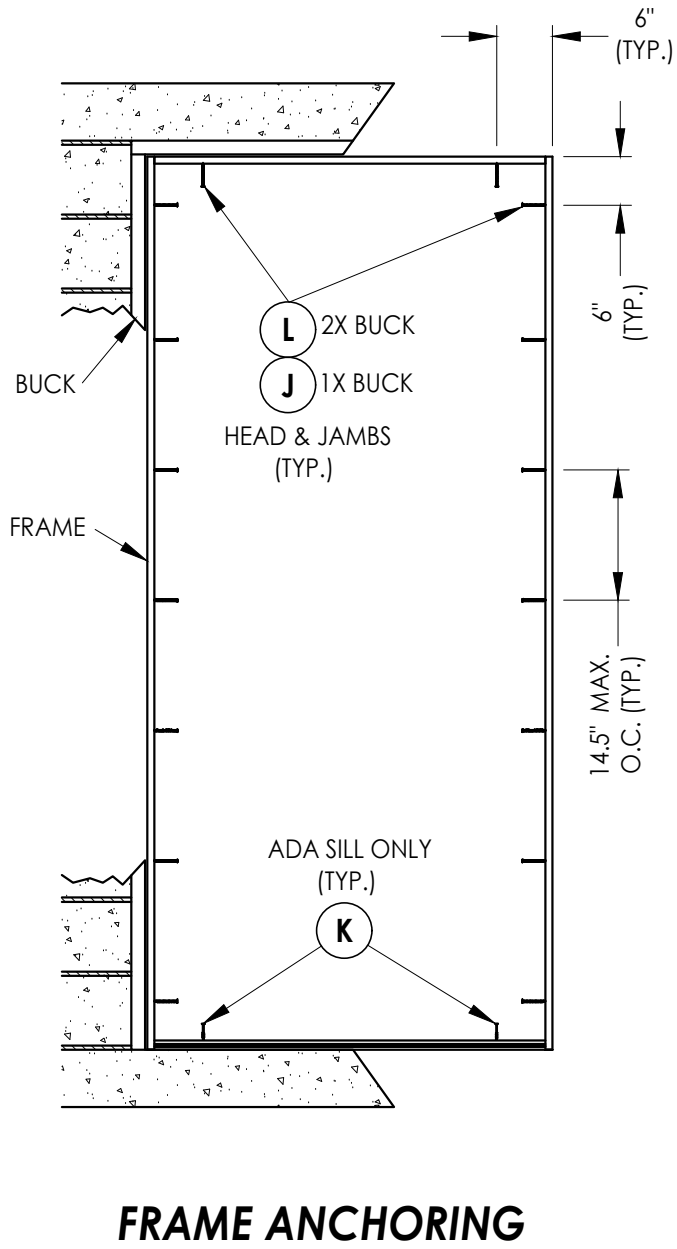
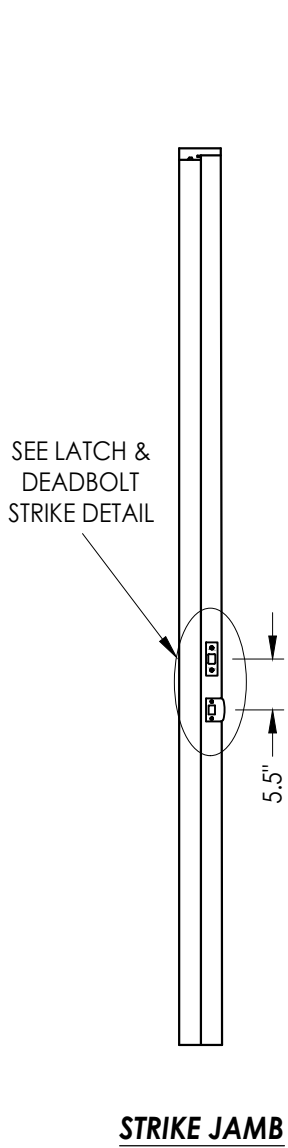
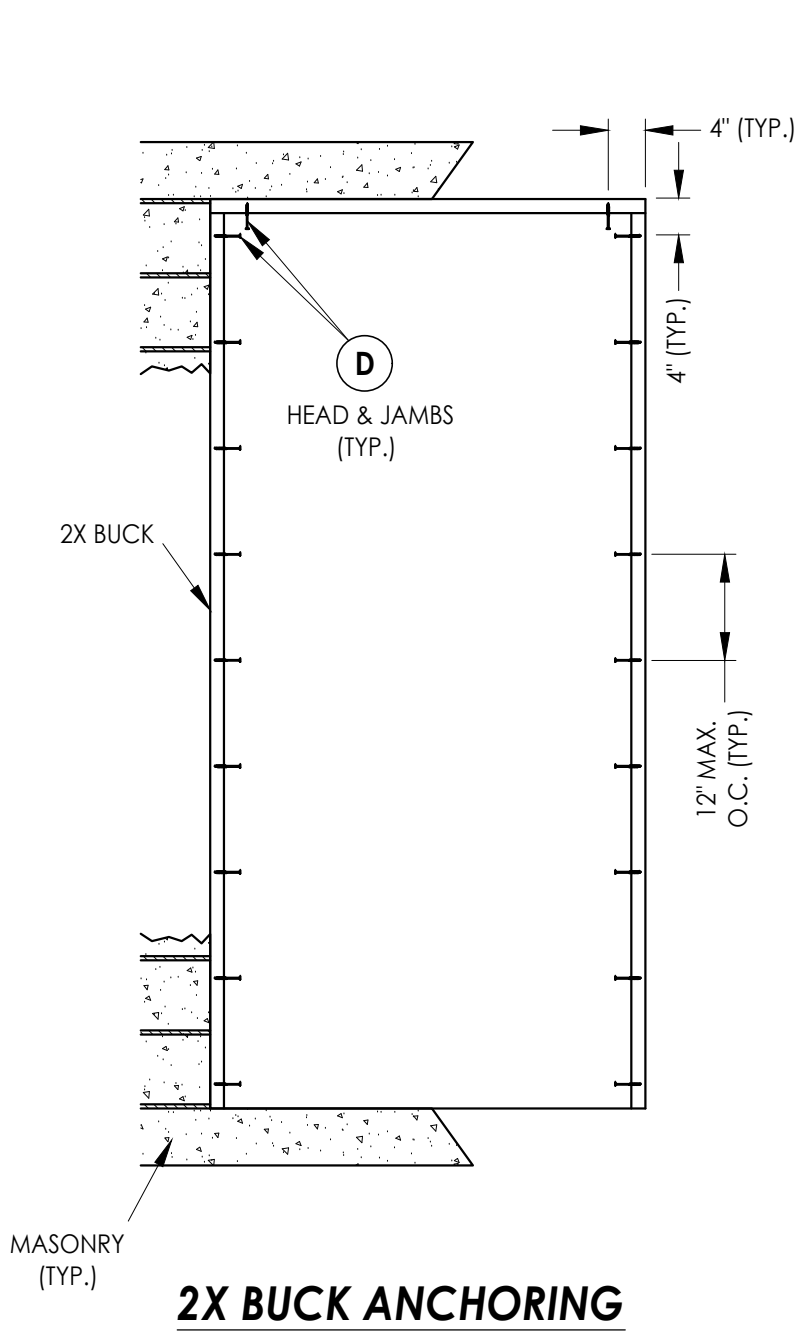
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NO.	DATE	REVISIONS			

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DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21891.12
SHEET	<u>5</u> OF <u>7</u>

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NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS.

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		LFS	BY
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SHEET 6 OF 7			

