

IMPACT 360 SERIES

WOOD GLAZED OR OPAQUE

SINGLE DOOR

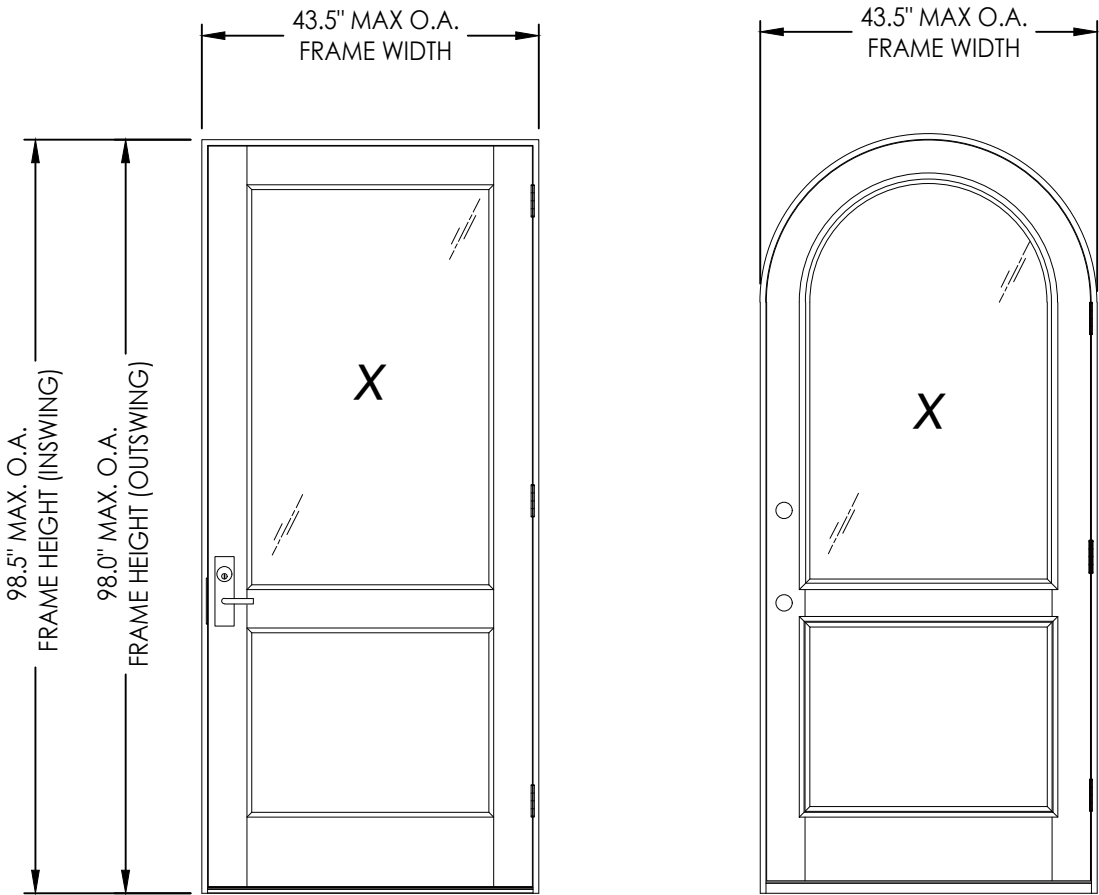
INSWING/OUTSWING

"IMPACT"

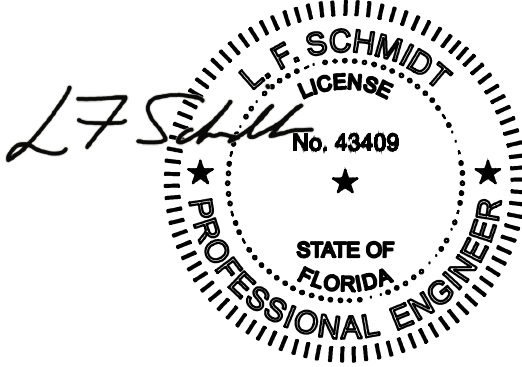
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements 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.
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.

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



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+50.0	-50.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.27 12:00:53 -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

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

PRODUCT:

MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

REVISIONS

NO.	DATE	DESCRIPTION
4	8/26/26	UPDATE TO 9TH ED. (2026) FBC
3	8/08/23	UPDATE TO 8TH ED. (2023) FBC
2	9/01/20	UPDATE TO 7TH ED. (2020) FBC
1	10/03/17	UPDATE TO 6TH ED. (2017) FBC

DATE:

02/14/17

SCALE:

N.T.S.

DWG. BY:

JK

CHK. BY:

LFS

DRAWING NO.:

FL-21891.1

SHEET

1

OF

10

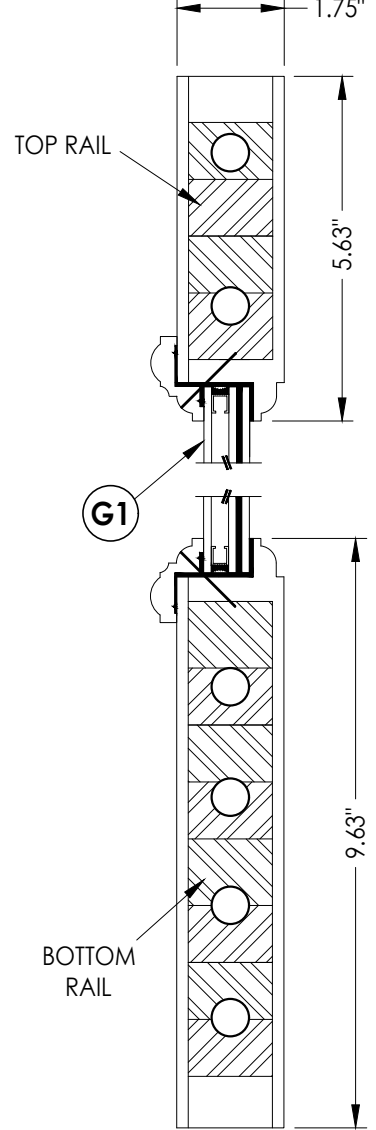
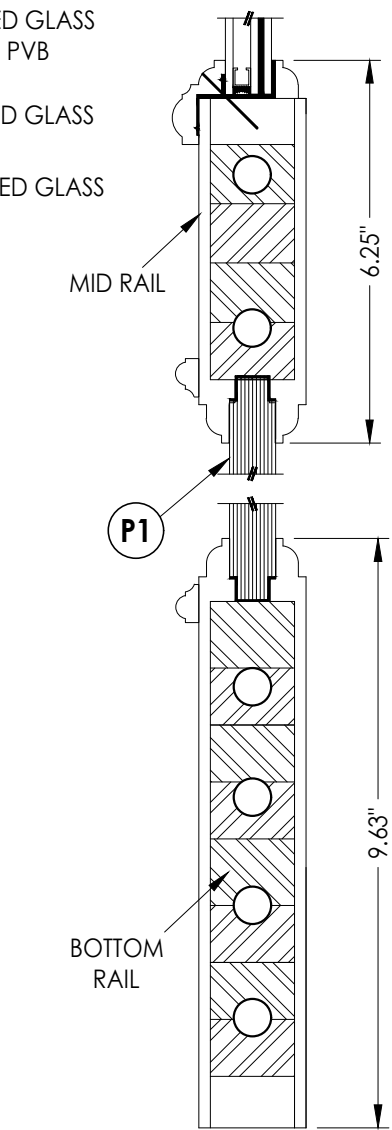
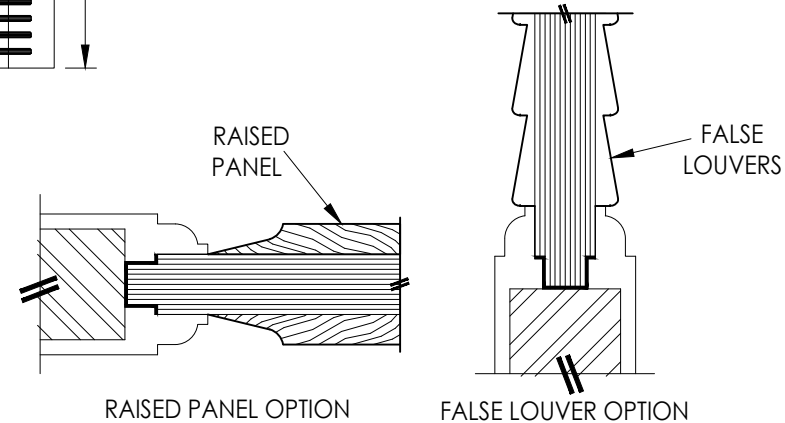
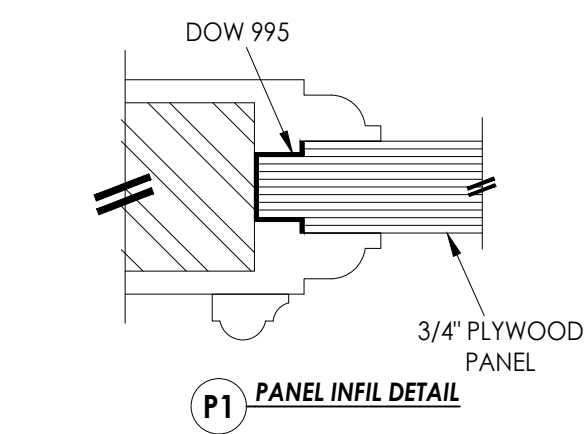
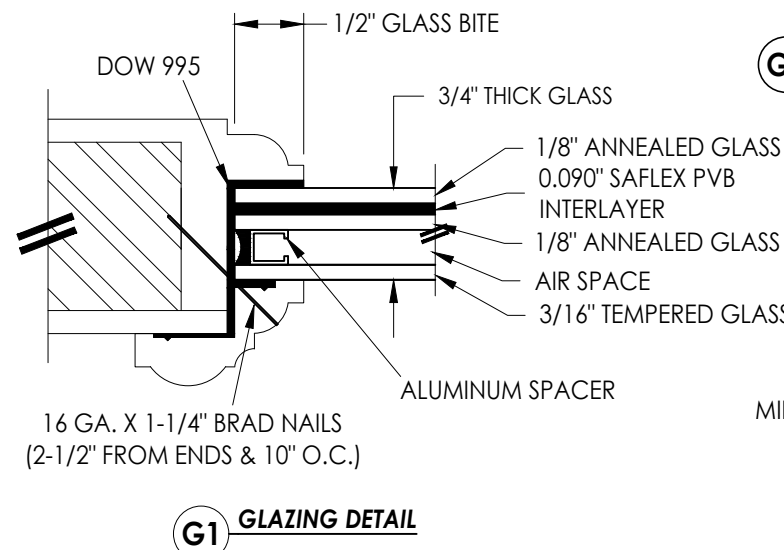
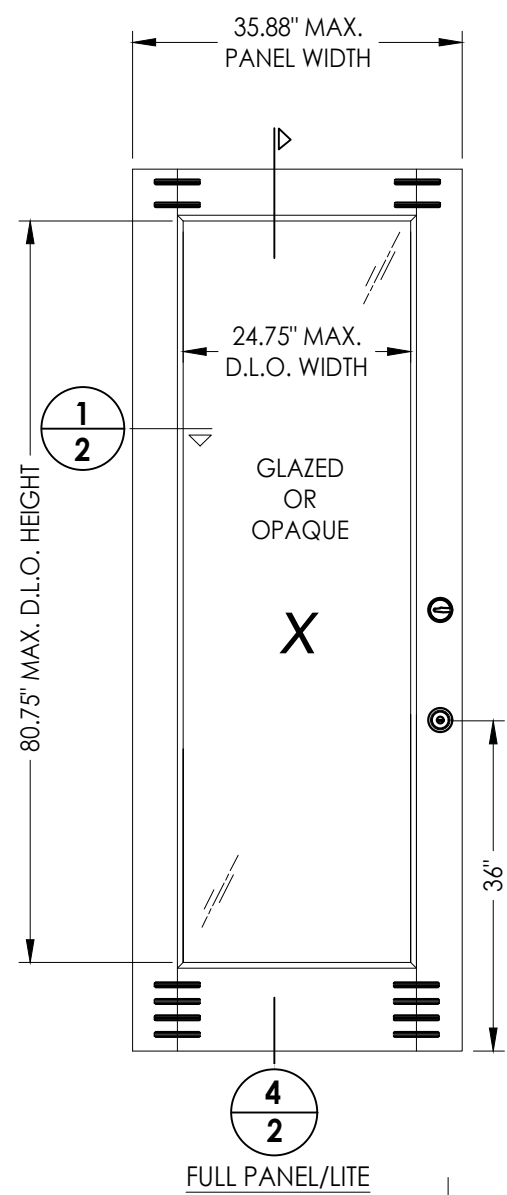
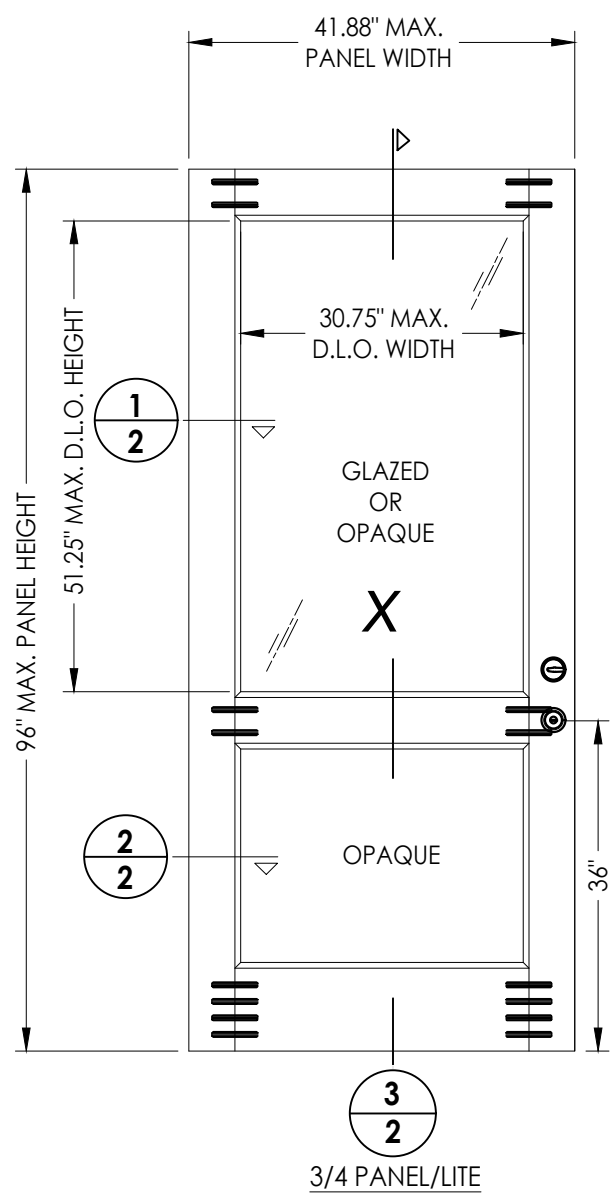
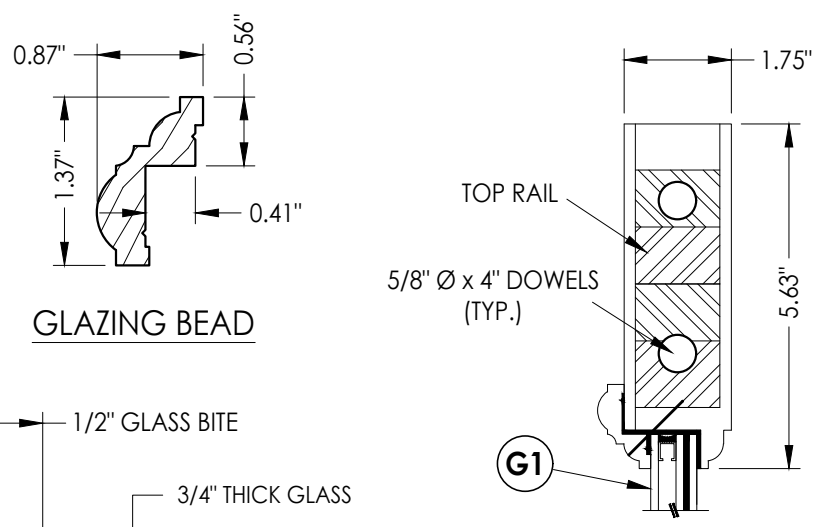
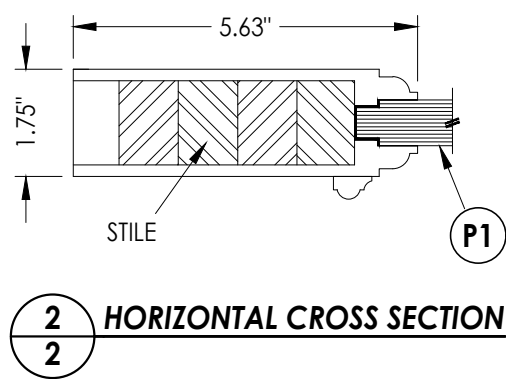
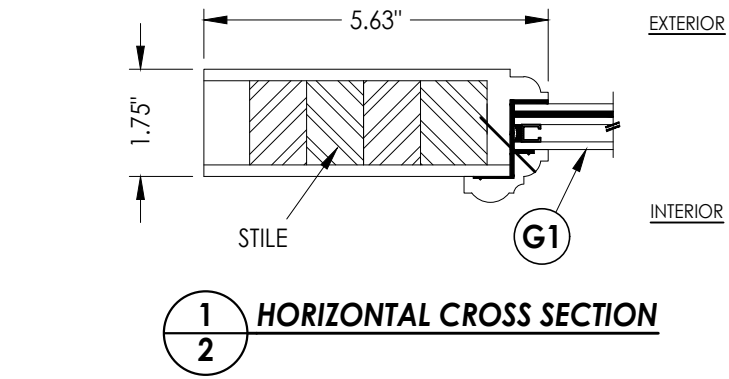
RW BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

Z:\2023 FBC Drawings\Millwork\360\FL-21891 R5\FL-21891.1-3.dwg



WOOD DOOR COMPONENTS:
VENEER/EDGES: CYPRESS (G = 0.42)
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)

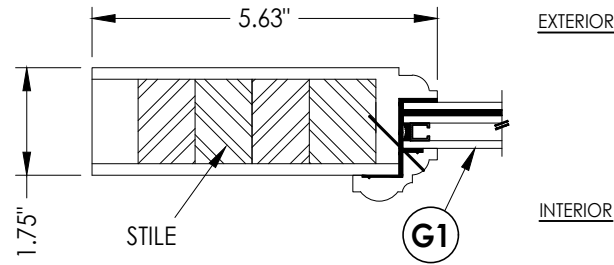
40 WOOD DOOR PANEL
Glazed or Opaque

3/2 VERTICAL CROSS SECTION

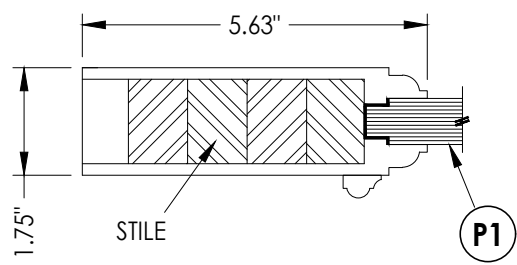
4/2 VERTICAL CROSS SECTION

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: DOOR PANEL DETAILS	
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC
NO.	DATE	REVISIONS	
DATE: 02/14/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21891.1			
SHEET 2 OF 10			

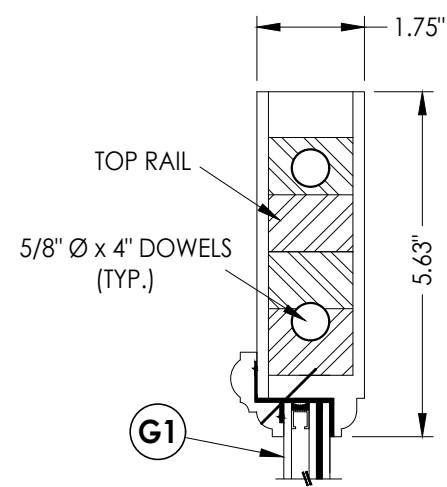
© 2017 R.W. BUILDING CONSULTANTS INC.



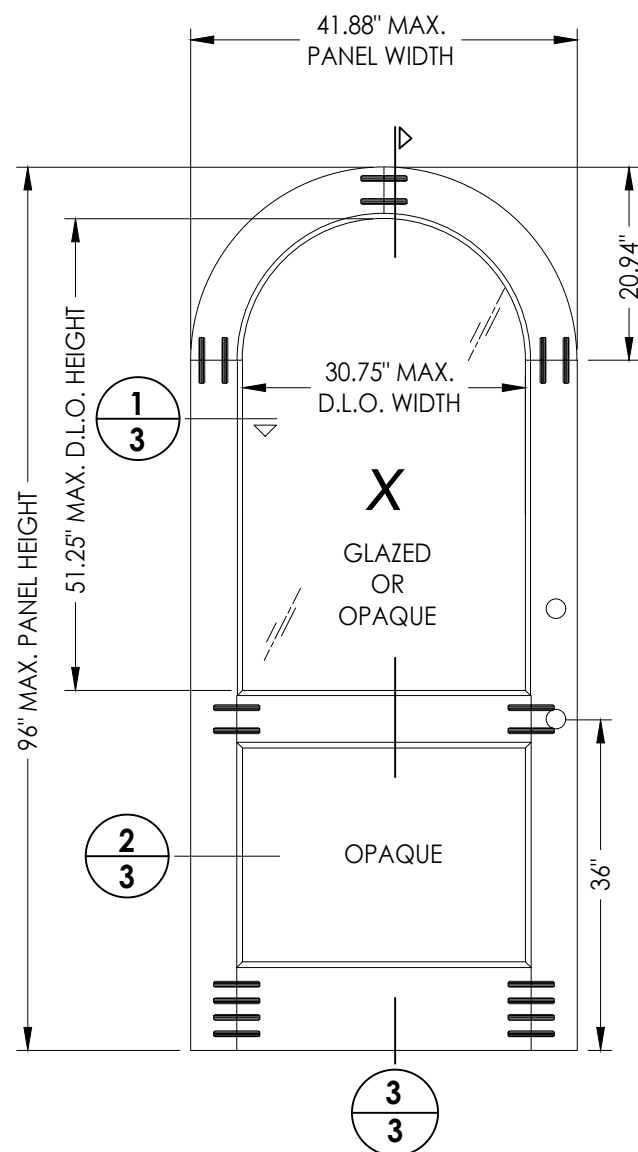
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3 HORIZONTAL CROSS SECTION



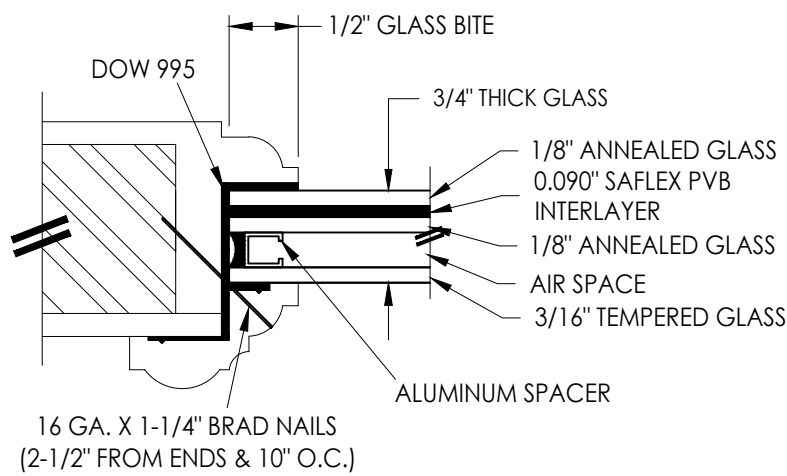
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3 HORIZONTAL CROSS SECTION



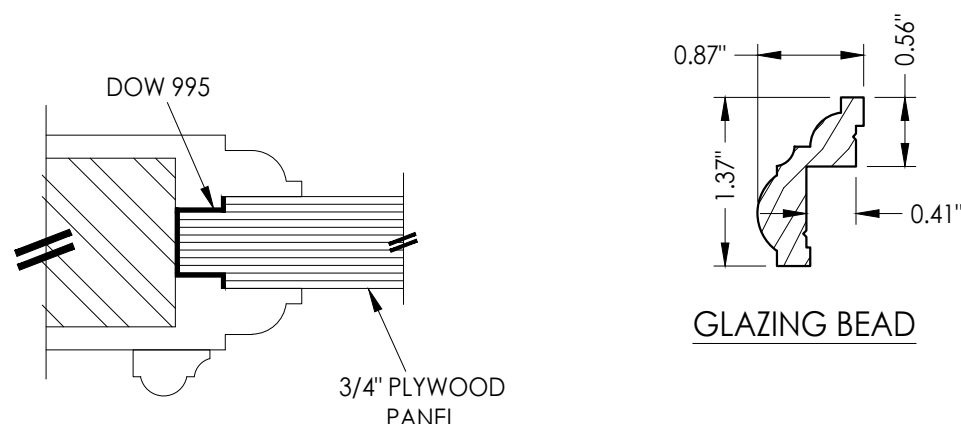
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3 VERTICAL CROSS SECTION



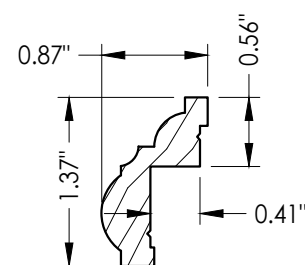
40 WOOD DOOR PANEL
Glazed or Opaque



G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



GLAZING BEAD

WOOD DOOR COMPONENTS:
VENEER/EDGES: CYPRESS (G = 0.42)
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)

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P.E. No. 43409

PRODUCT:
MILLWORK 360
WOOD DOOR

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

PART OR ASSEMBLY:
DOOR PANEL
DETAILS

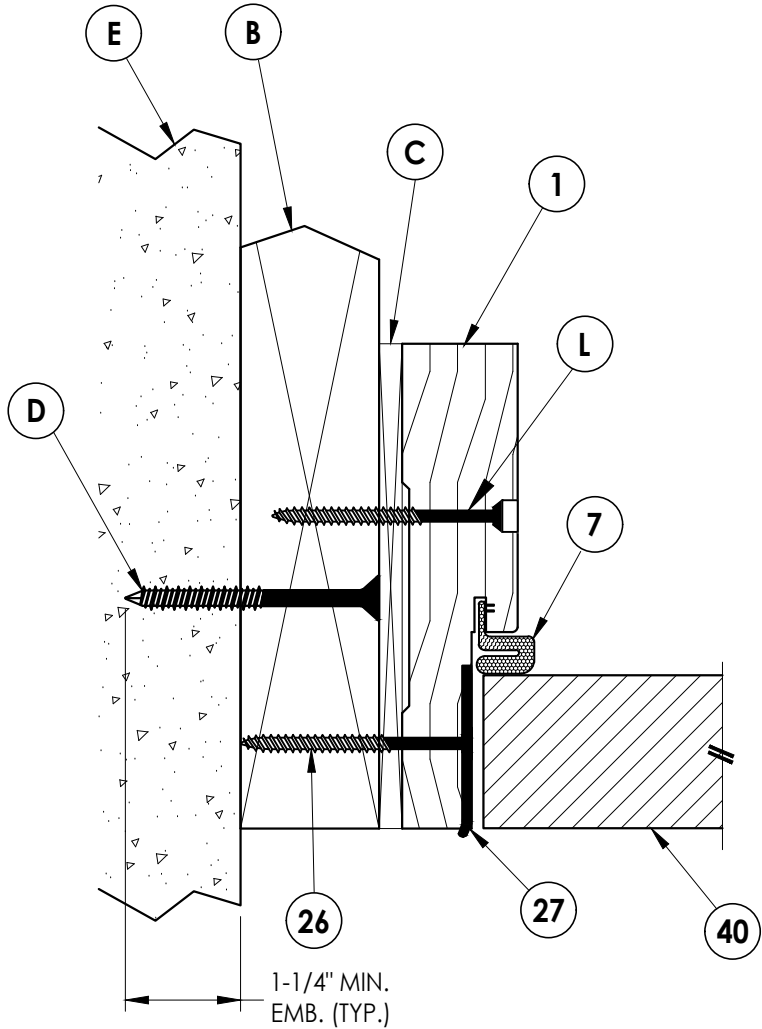
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NO.	DATE	BY	JK	FBC	LFS
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3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
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1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
DATE: 02/14/17					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-21891.1					
SHEET 3 OF 10					

HARDWARE TABLE	
MANUFACTURER	MODEL
EMTEK	Mortise: 3545 Entry Set
SCHLAGE	KNOB: F51 DEADBOLT: B60N
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)

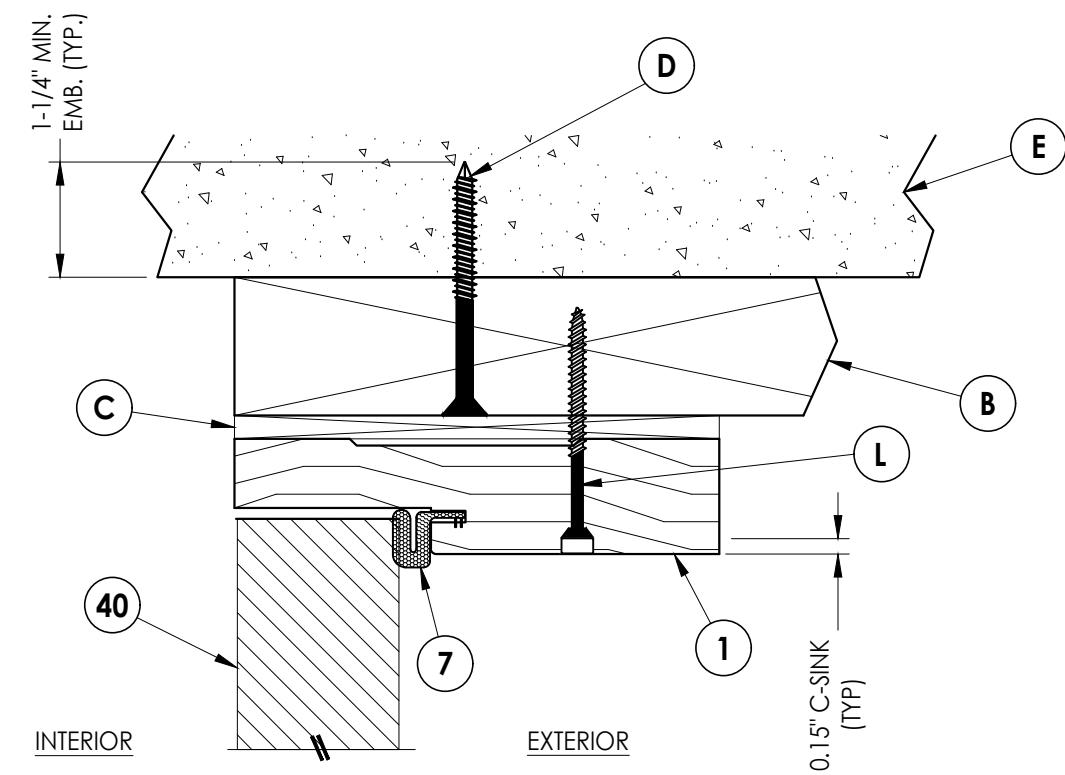
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Phone No.: 813.659.9197
FBPE Registry No. 9813

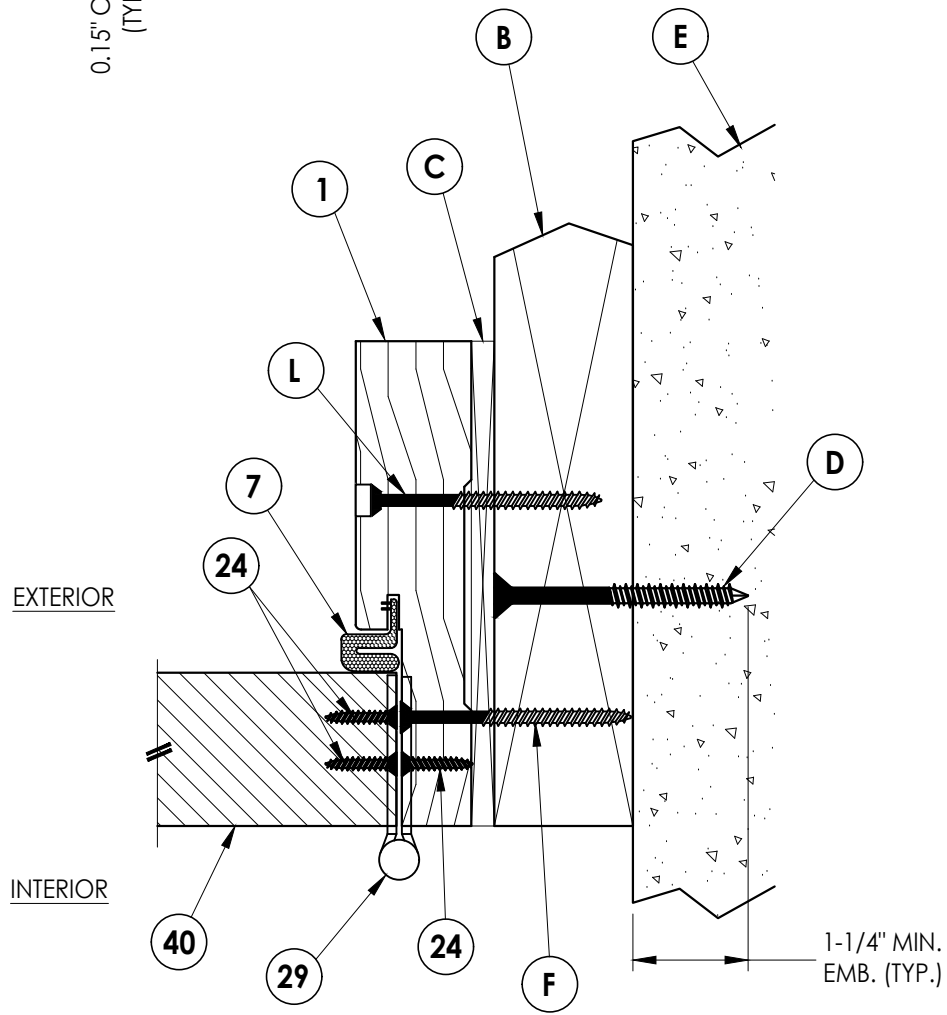
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1 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Inswing shown (Outswing similar)



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



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

REVISIONS		DATE		NO.		BY	
4	8/26/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS		
3	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS		
2	9/01/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS		
1	10/03/17	UPDATE TO 6TH ED.	(2017)	FBC	JK		

DATE: 02/14/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

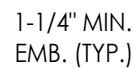
FL-21891.1

SHEET 5 of 10

PRODUCT:		PART OR ASSEMBLY:	
MILLWORK 360 WOOD DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	

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

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



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



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

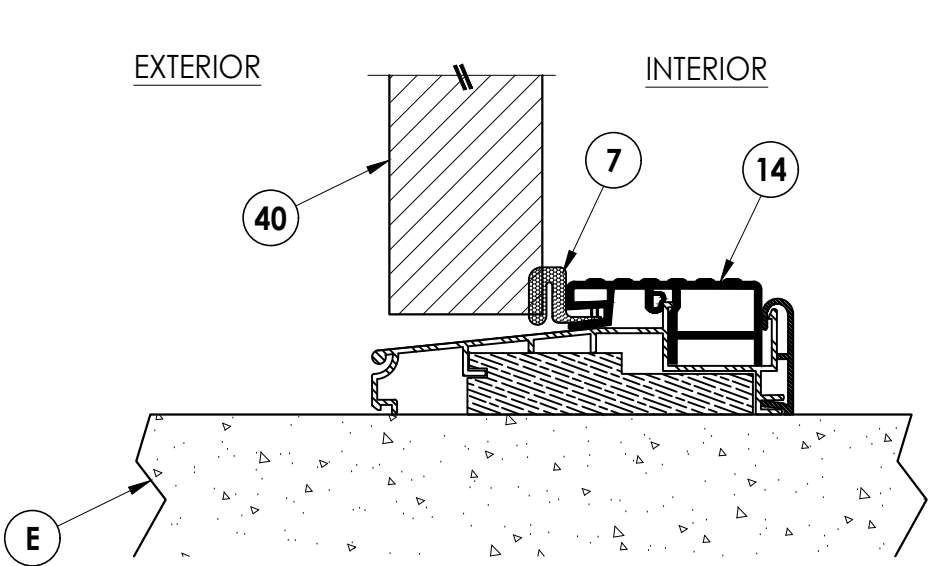


Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

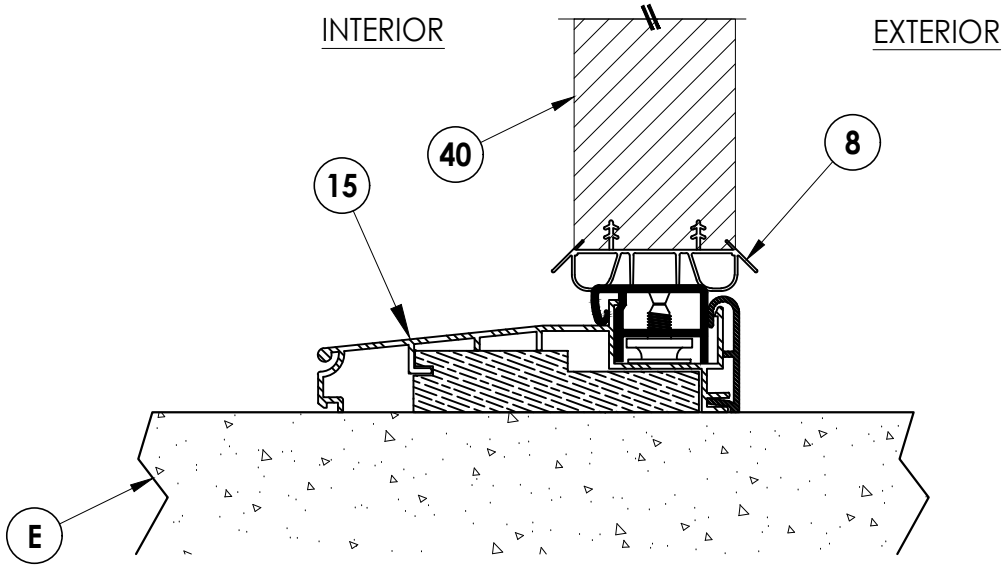
REVISIONS

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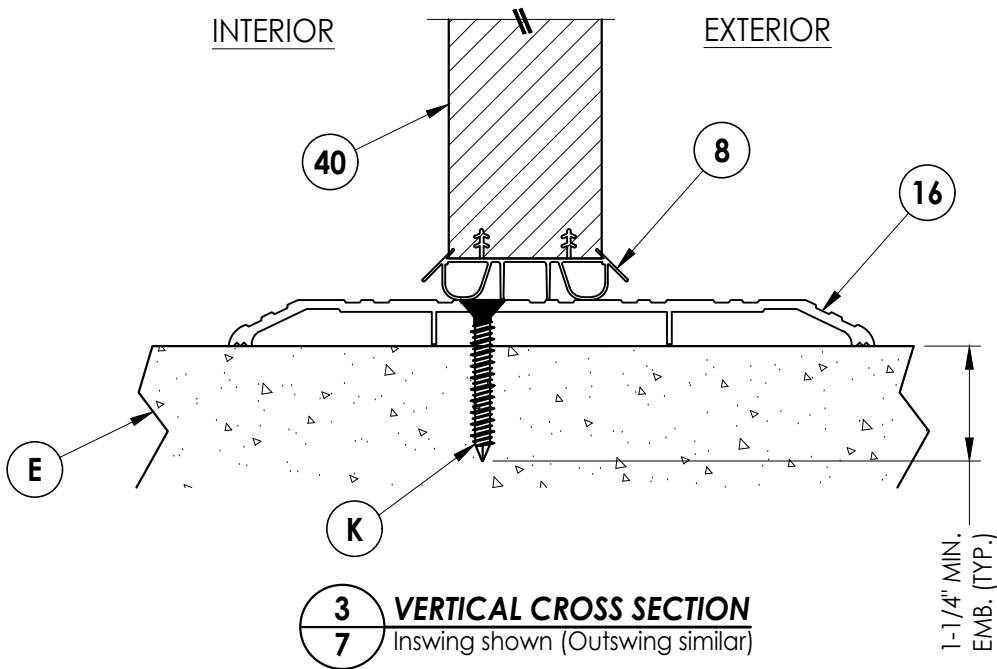
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1
7 **VERTICAL CROSS SECTION**
Outswing



2
7 **VERTICAL CROSS SECTION**
Inswing



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

NO.	DATE	REVISIONS			
		NO.	DATE	BY	JK
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

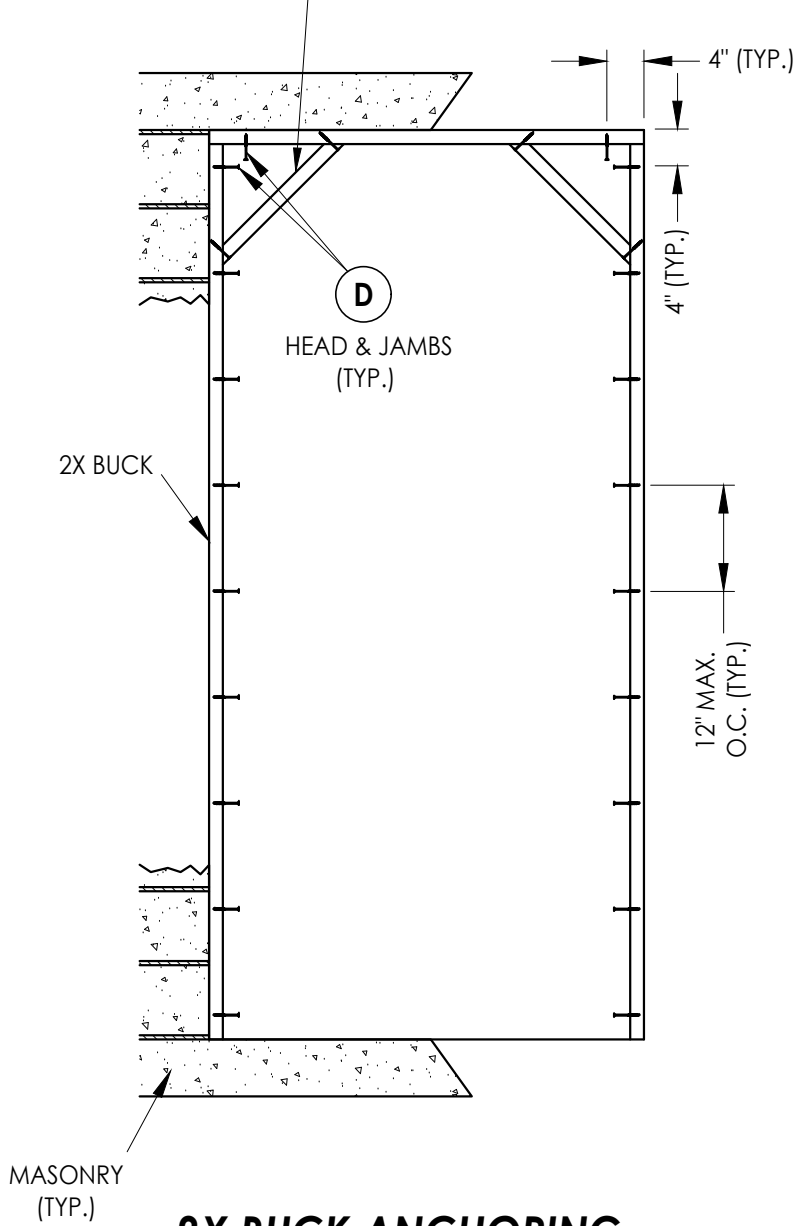
DATE: 02/14/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21891.1
SHEET 7 OF 10

PRODUCT: MILLWORK 360 WOOD DOOR
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)

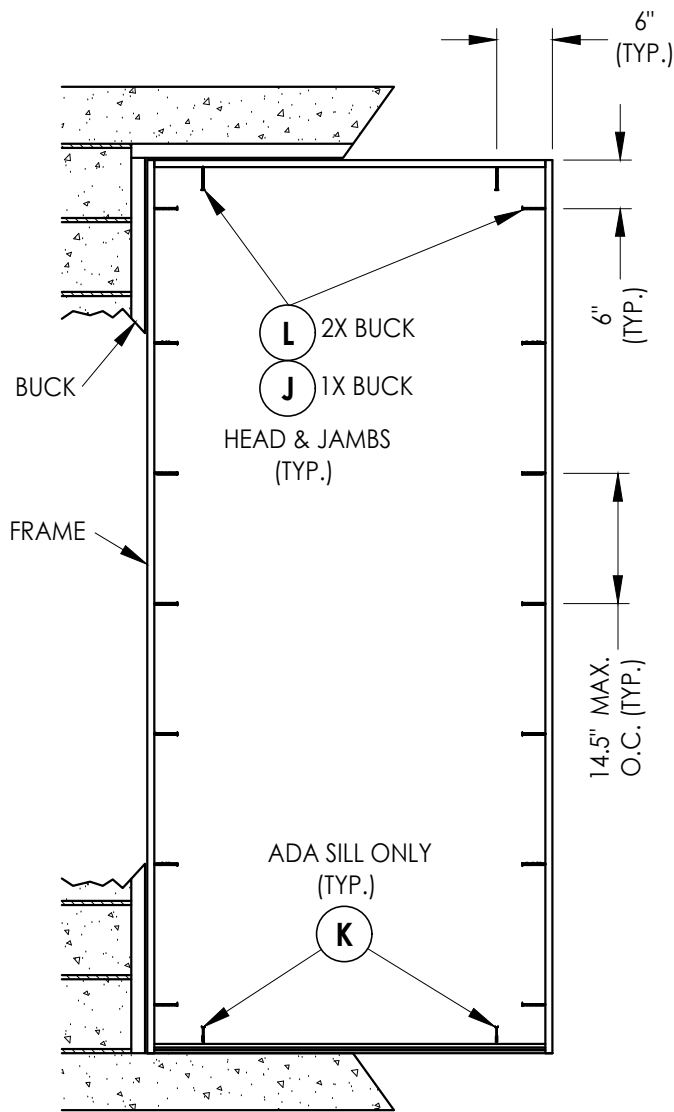
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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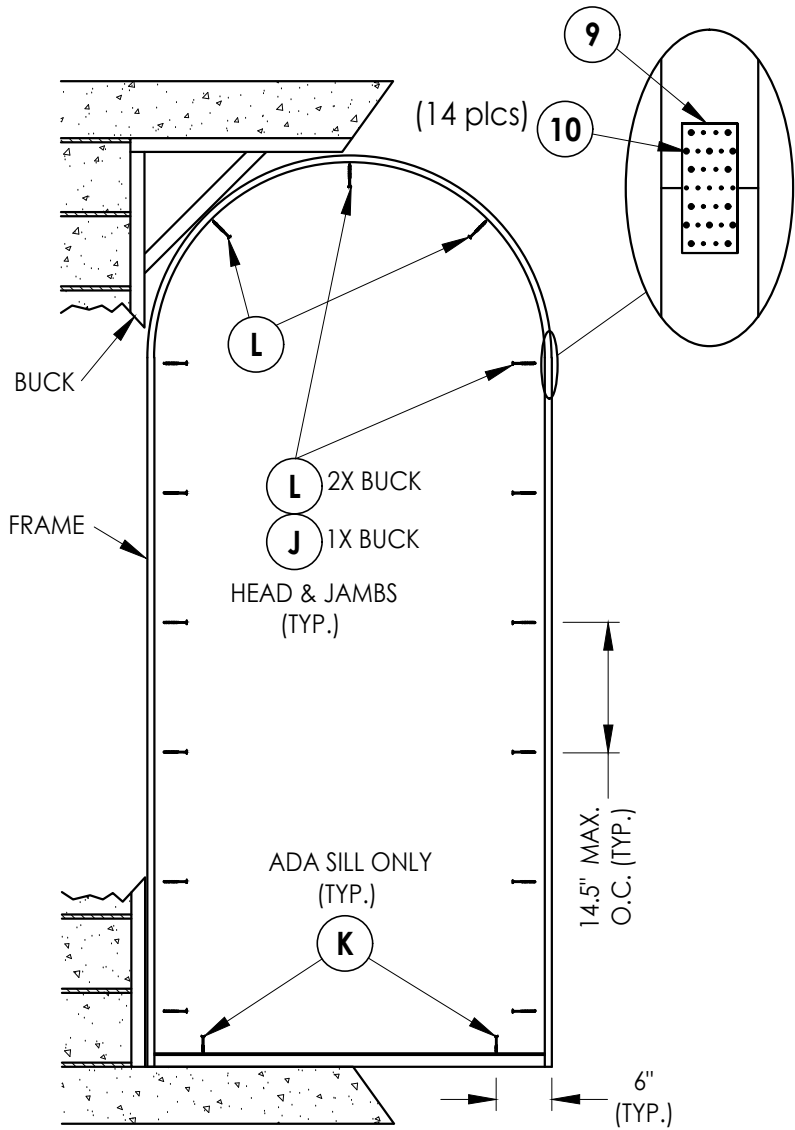
2X FRAMING (No. 2 SYP) ATTACHED
w/ (2) #10 x 3" WOOD SCREWS @
EACH END (TYP.)



2X BUCK ANCHORING



FRAME ANCHORING

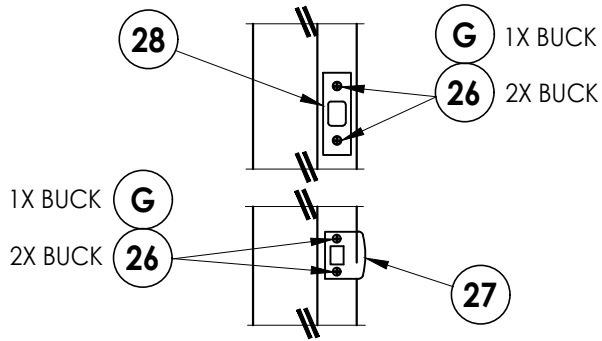


FRAME ANCHORING

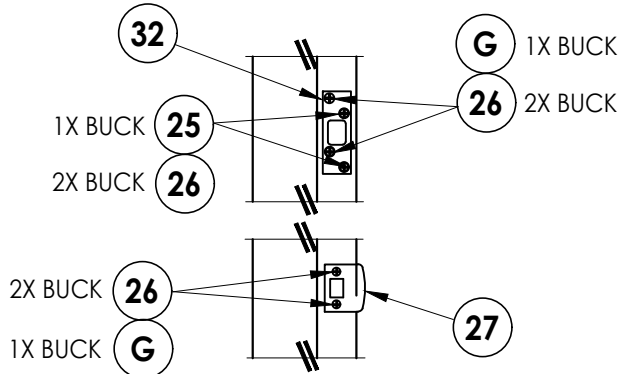
NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD
WOOD SCREWS.

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PRODUCT: MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC LFS
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC JK
NO.	DATE		BY
REVISIONS			
DATE: 02/14/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21891.1			
SHEET 8 OF 10			

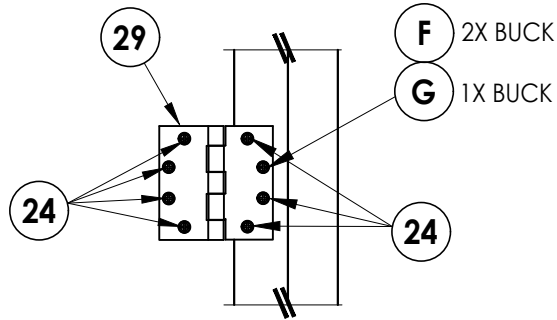
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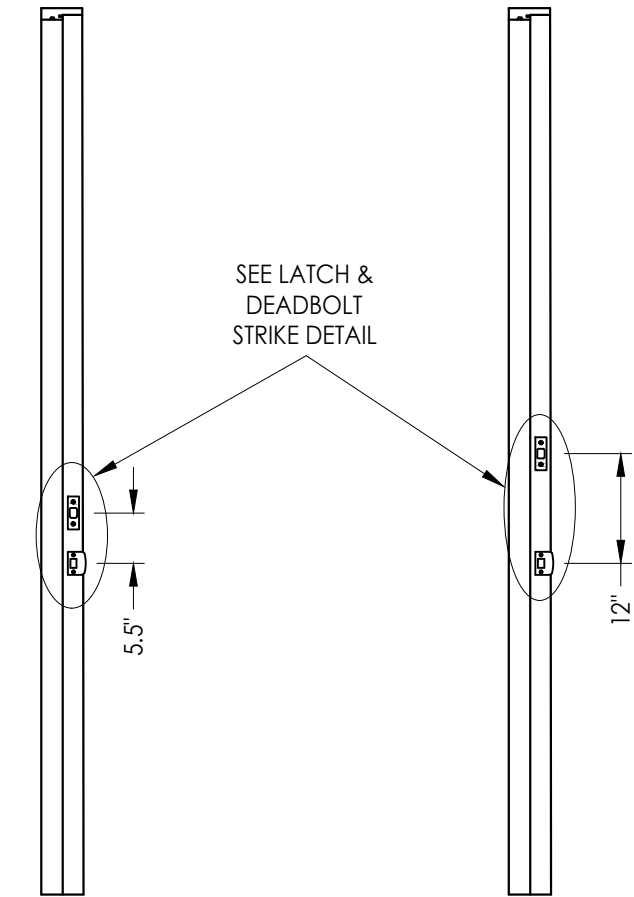
LATCH & DEADBOLT STRIKE DETAIL
SCHLAGE



LATCH & DEADBOLT STRIKE DETAIL
KWIKSET



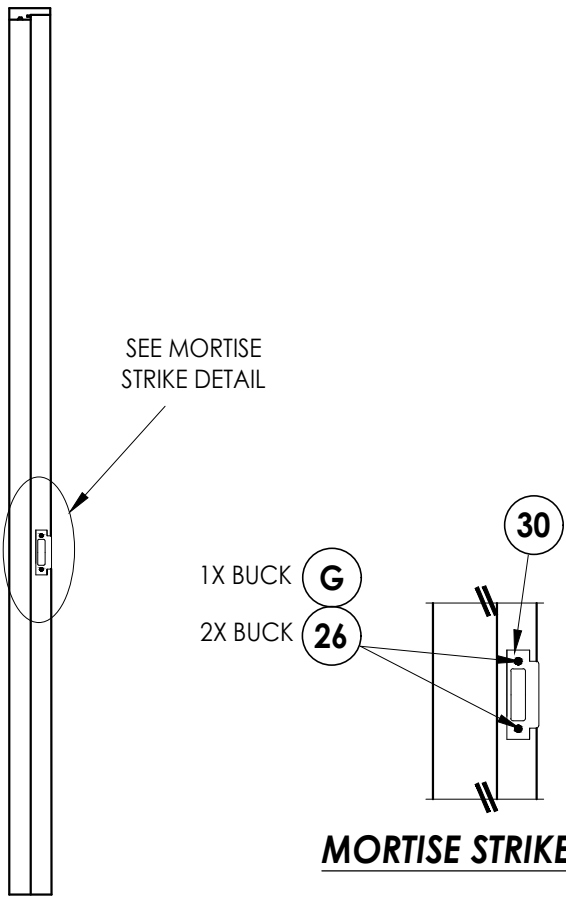
HINGE DETAIL



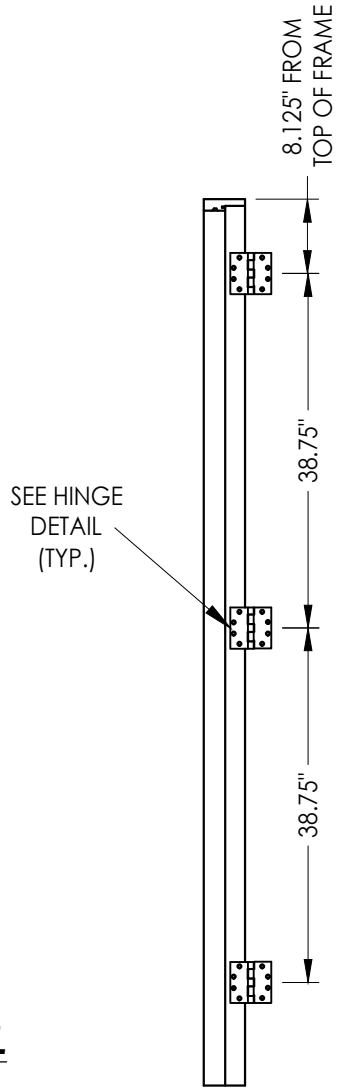
SCHLAGE

KWIKSET

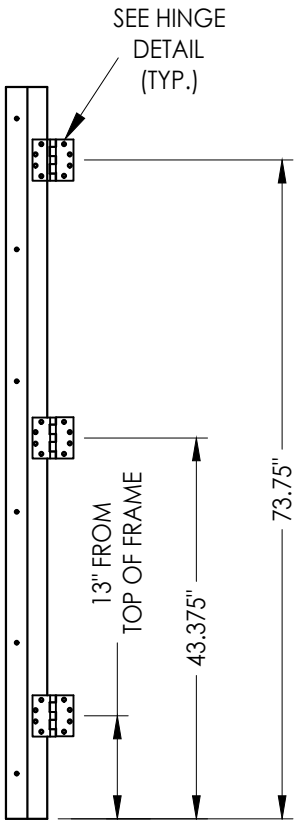
LATCH & DEADBOLT DETAILS



MORTISE STRIKE DETAIL



HINGE JAMB



HINGE JAMB
(Arch top Door)

Documents Prepared By:
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P.E. No. 43409

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

PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
HARDWARE DETAILS

NO.	DATE	REVISIONS			
		BY	JK	LFS	FBC
4	8/26/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	9/01/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	10/03/17	UPDATE TO 6TH ED.	(2017)	FBC	JK

DATE: 02/14/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21891.1
SHEET 9 OF 10

