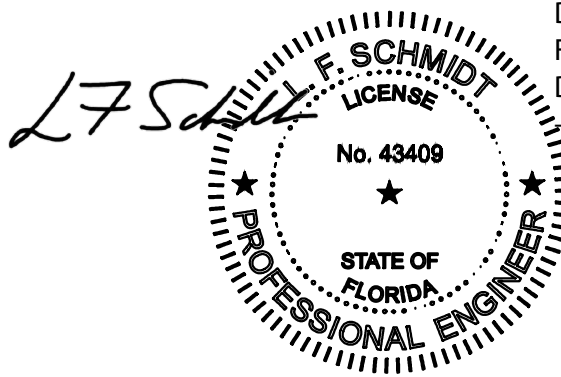




Digitally signed by Lyndon F Schmidt
Date: 2026.07.02 09:33:44
04'00'

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

WOOD GLAZED OR OPAQUE
SINGLE DOOR
INSWING/OUTSWING
"NON-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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2 of the FBC.
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.

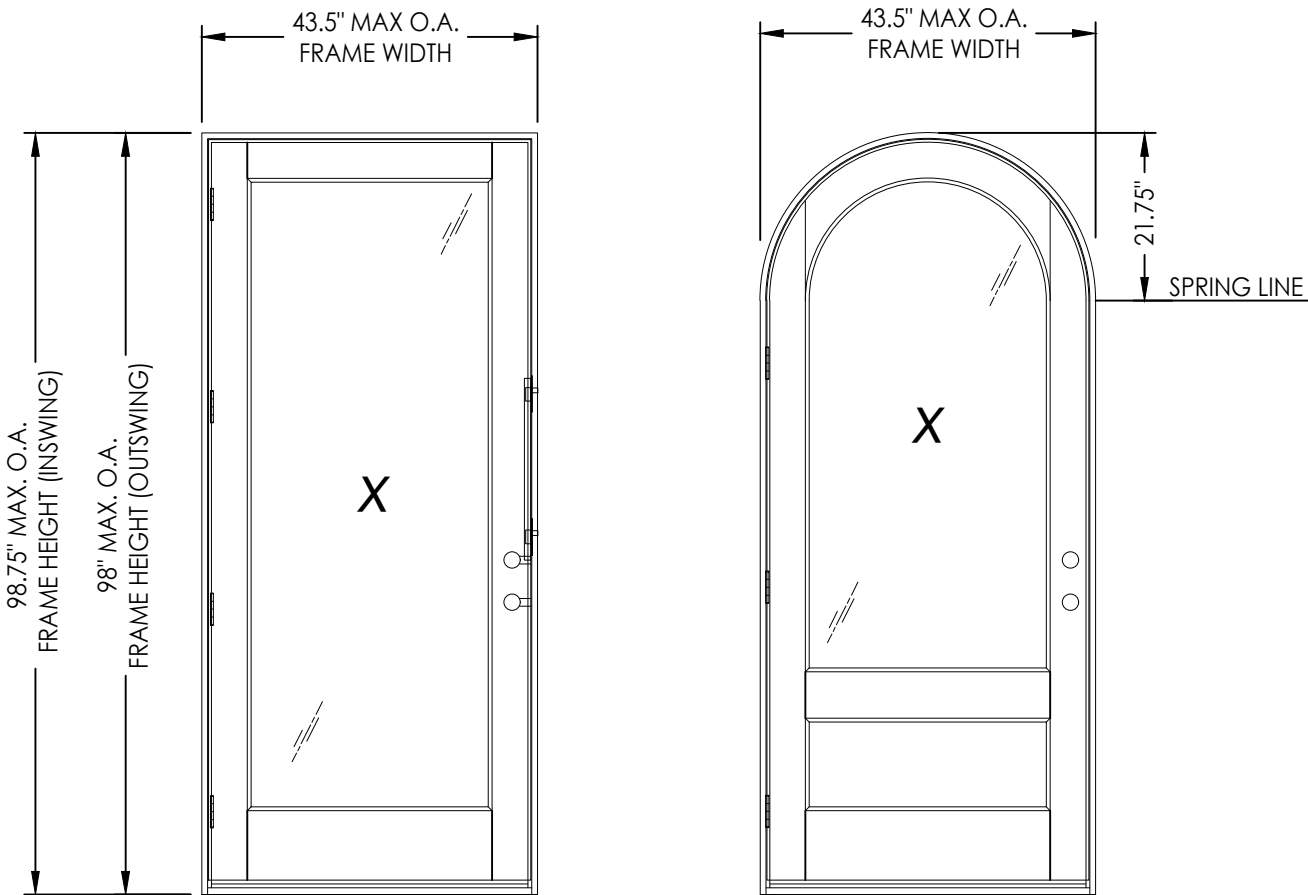


TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Elevations
4	Horizontal & Vertical Cross Sections (2X Buck)
5	Horizontal & Vertical Cross Sections (1X Buck)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross 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 (ARCH TOP)	+50.0	-55.0	+50.0	-50.0
X (RECTANGULAR)	+60.0	-70.0	+50.0	-50.0

SEE SHEET 3 FOR HARDWARE DESIGN PRESSURE LIMITATIONS

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

PRODUCT:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

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

DATE: 10/29/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46129.1

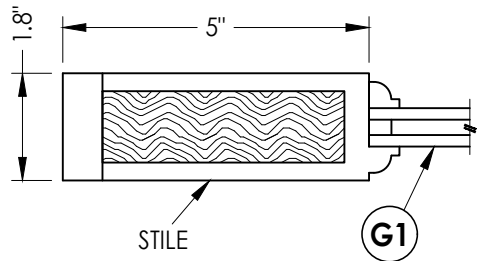
SHEET 1 OF 10

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

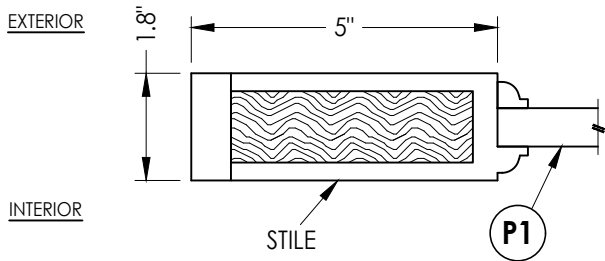
REVISIONS

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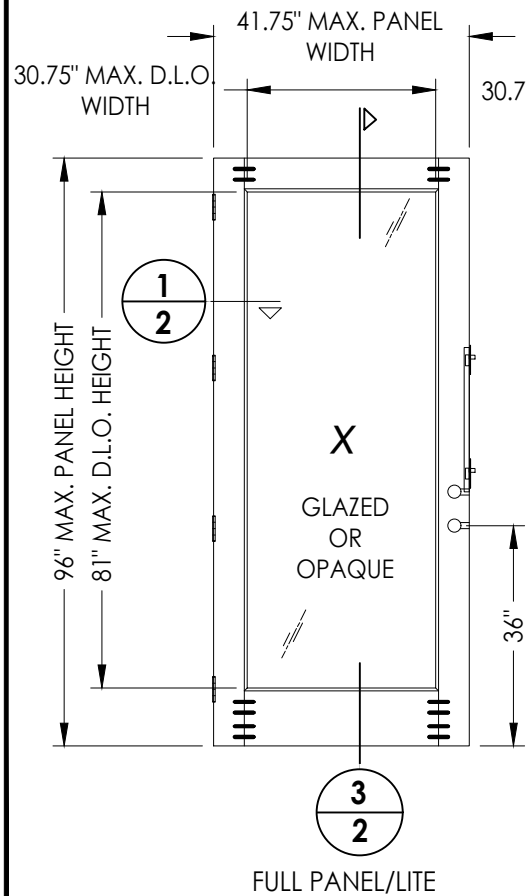
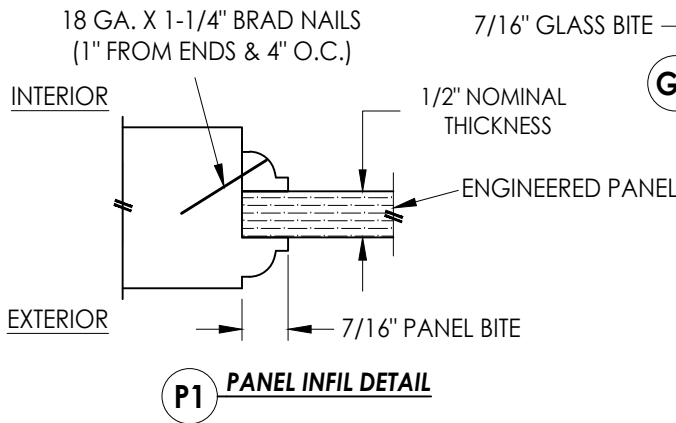
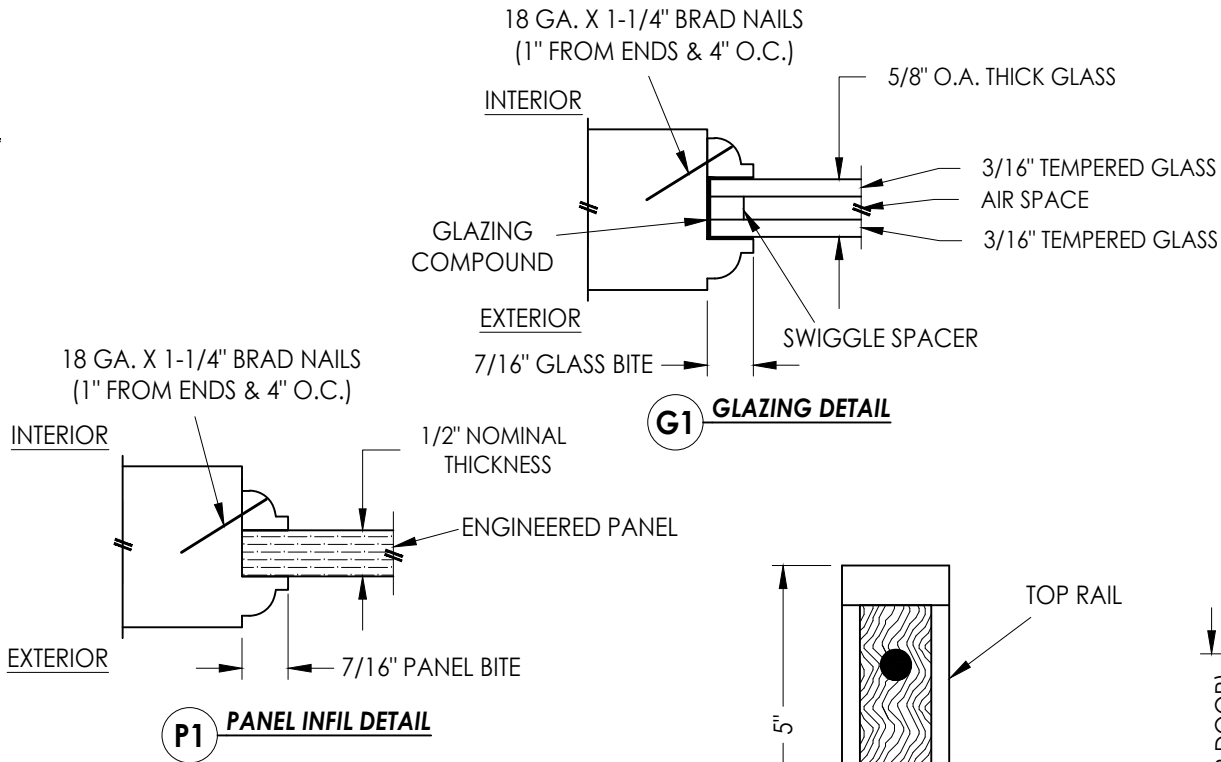
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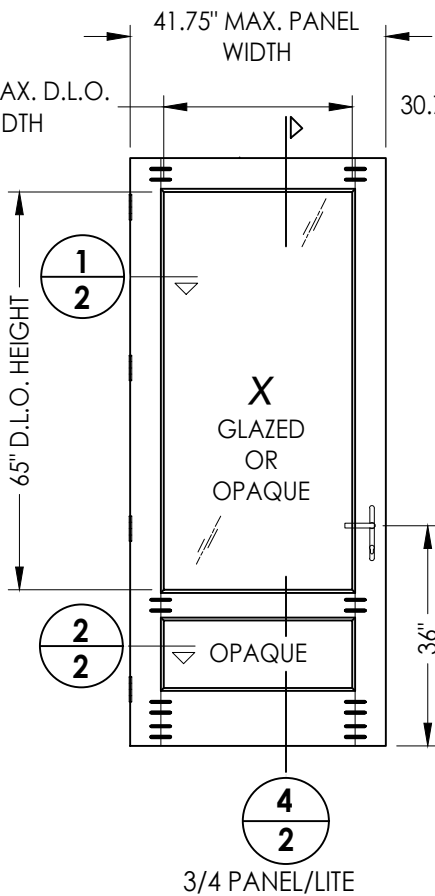
1
2 **HORIZONTAL CROSS SECTION**



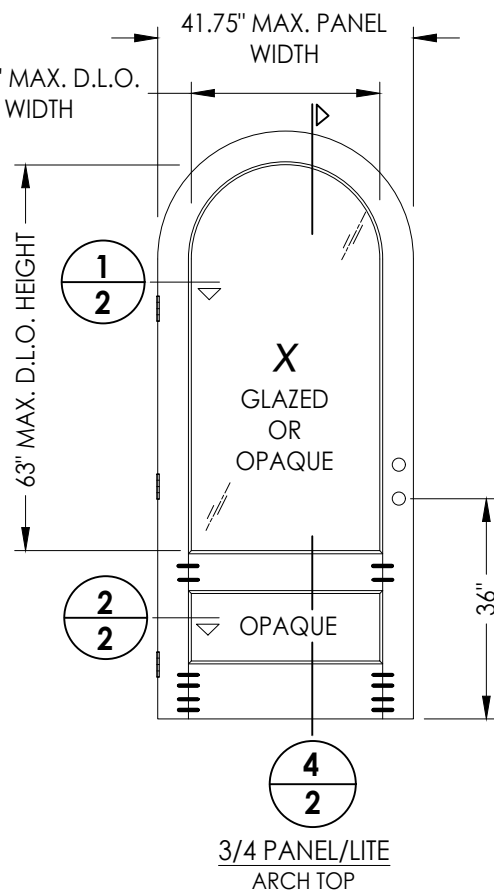
2
2 **HORIZONTAL CROSS SECTION**



FULL PANEL/LITE



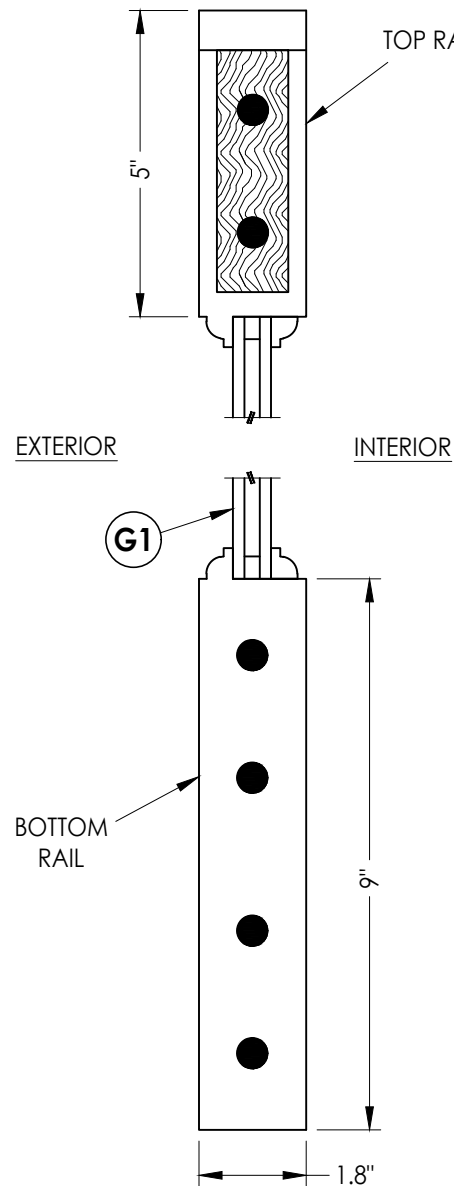
3/4 PANEL/LITE



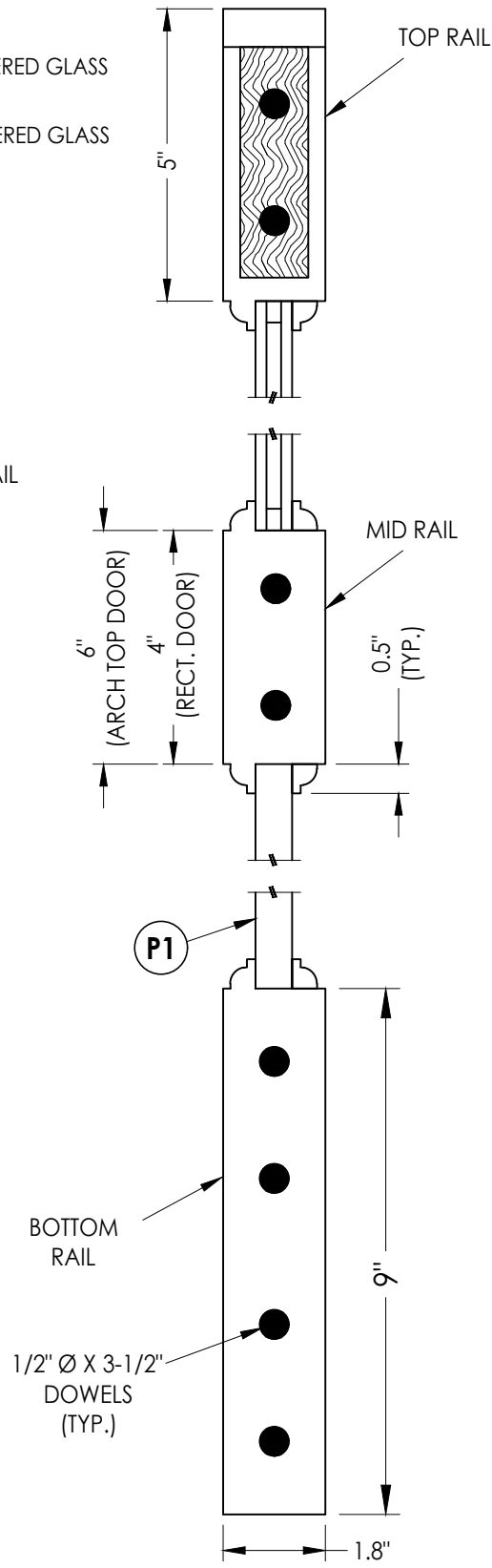
3/4 PANEL/LITE
ARCH TOP

WOOD DOOR COMPONENTS:
EXTERIOR: SAPELE (G= 0.56)
INTERIOR: PINE (G=0.42)

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

PRODUCT:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC

DATE: 10/29/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46129.1
SHEET 2 OF 10

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Phone No.: 813.659.9197
FBPE Registry No. 9813



INSWING: MAX. DESIGN PRESSURE = +60/-70 PSF
OUTSWING: MAX. DESIGN PRESSURE = +50/-50 PSF



INSWING OR OUTSWING
MAX. DESIGN PRESSURE = +50/-50 PSF



INSWING: MAX. DESIGN PRESSURE = +50/-55 PSF
OUTSWING: MAX. DESIGN PRESSURE = +50/-50 PSF

HARDWARE TABLE		
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE
DEFIANT	KNOB & DEADBOLT: BRANDYWINE (GR. 3)	INSWING: +50/-55 PSF OUTSWING: +50/-50 PSF
TRU-LOCK + DEFIANT	MULTIPOINT LOCK: 4007 (2 PT.) + KNOB: BRANDYWINE (GR. 3)	INSWING: +60/-70 PSF OUTSWING: +50/-50 PSF
HOPPE	MULTIPOINT LOCK: HLS 9000 SERIES TONGUE/SHOOTBOLT (5-PT)	+50/-50 PSF INSWING/OUTSWING

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:

1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
NO.	DATE			BY	
					REVISIONS

DATE: 10/29/25

SCALE: *N.T.S.*

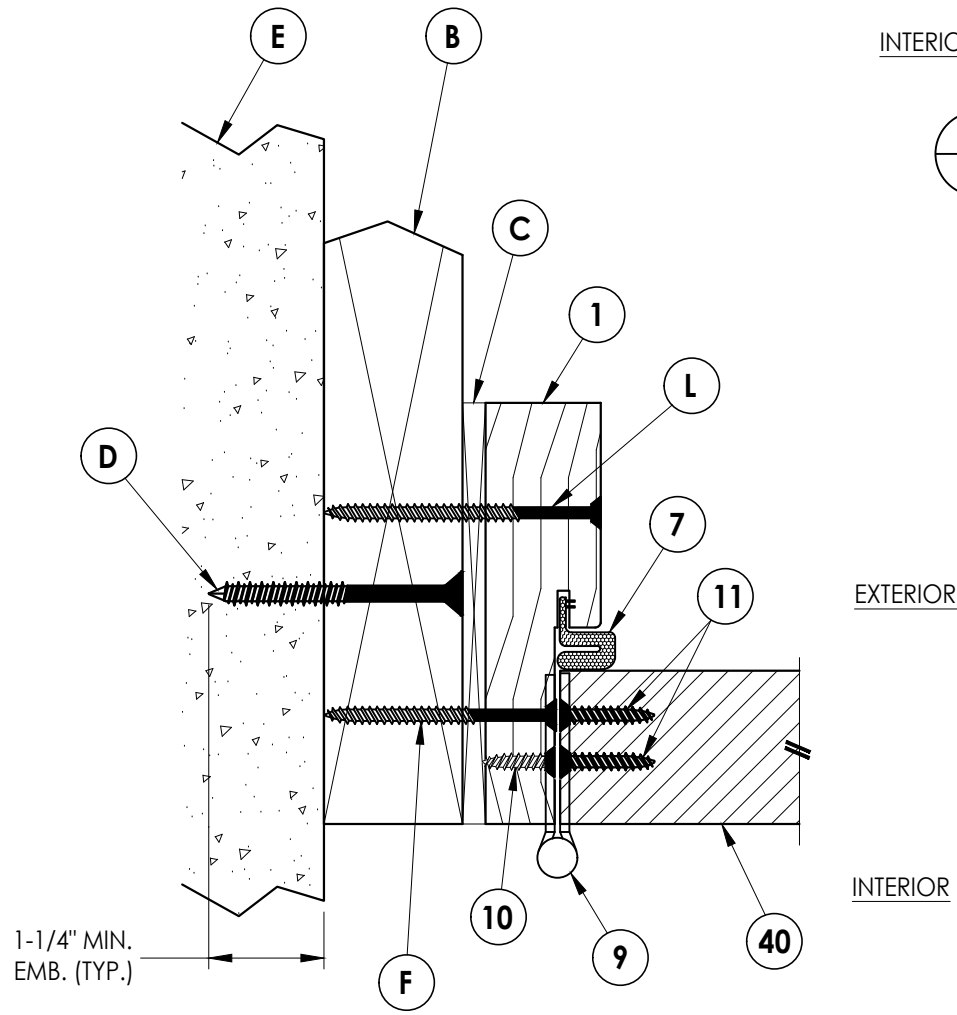
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CHK. BY: RW

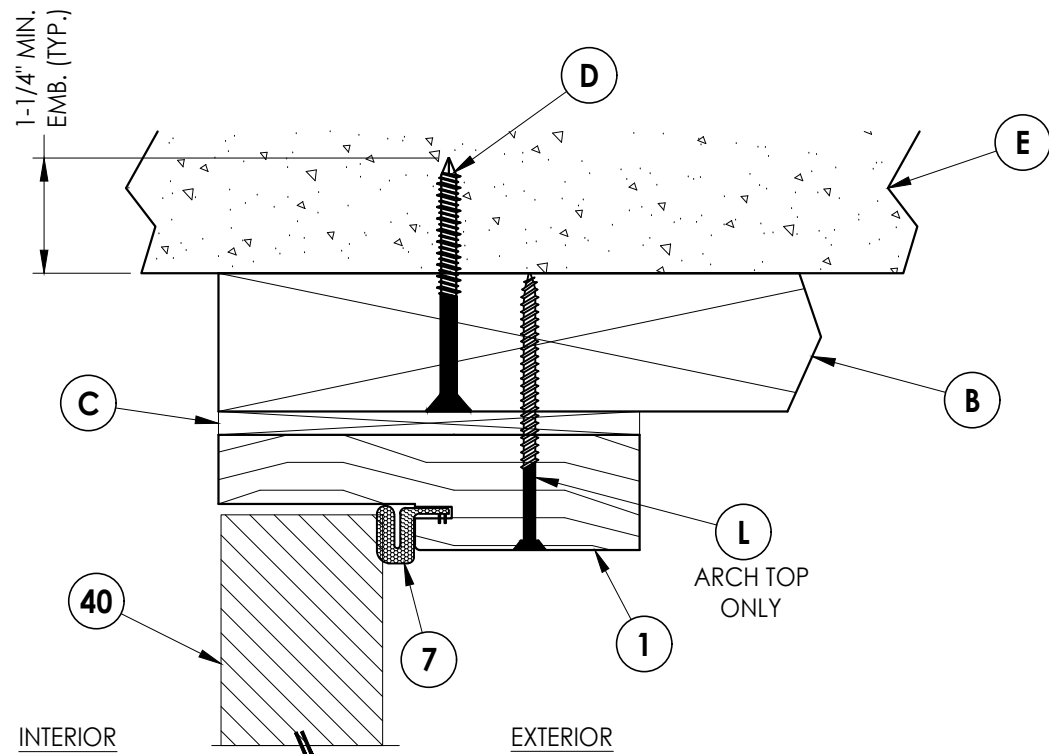
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FL-46129.1

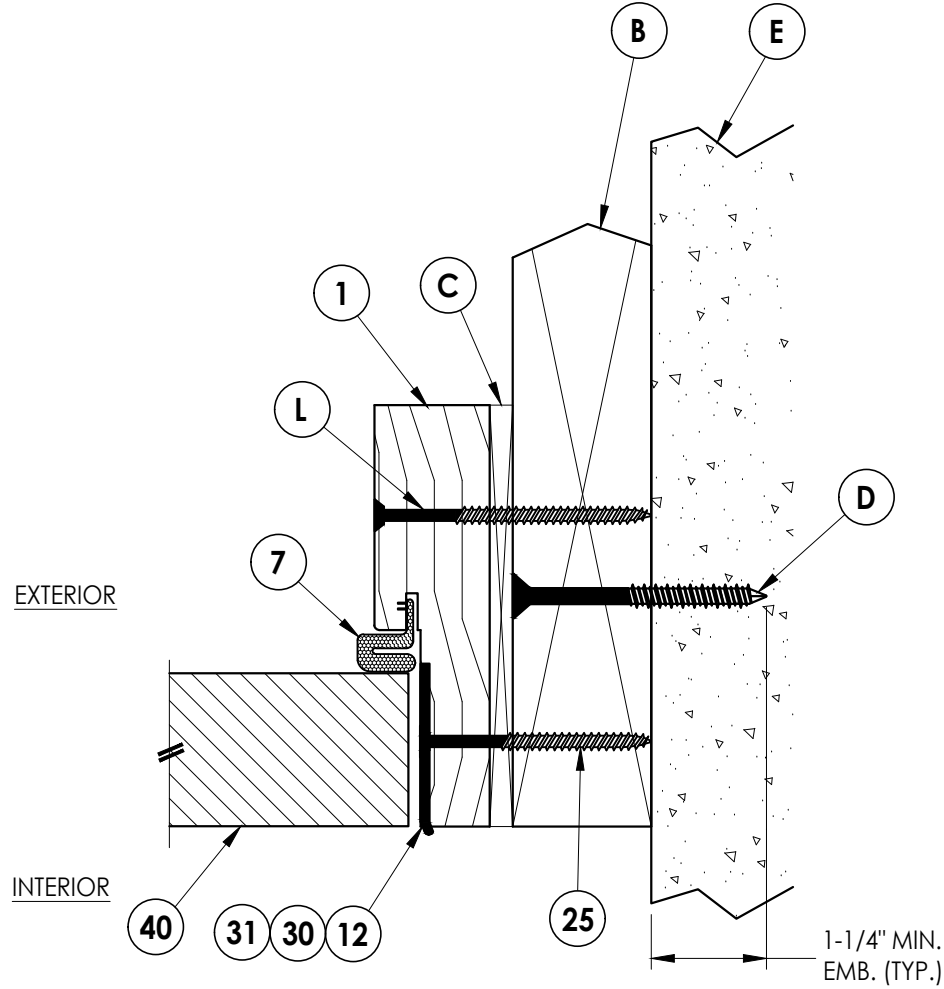
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1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



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



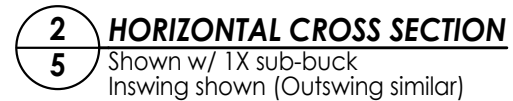
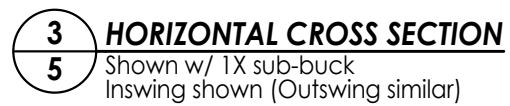
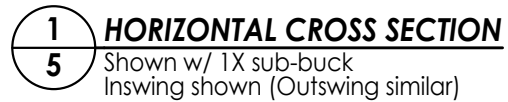
2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)

DATE:	10/29/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46129.1
SHEET	4 of 10

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

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

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Phone No.: 813.659.9197
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[illegible]

Documents Prepared By:
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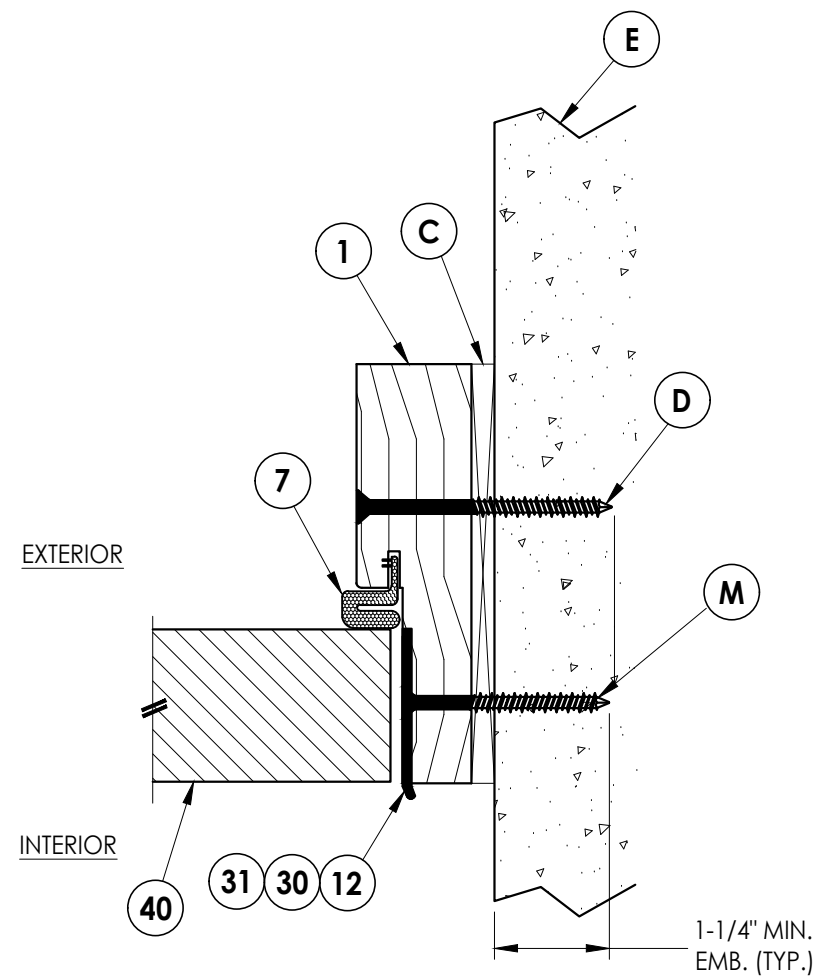
Diagram illustrating the cross-section of a parapet wall assembly, showing the interior and exterior faces.

Key components and labels:

- 1**: Interior concrete or masonry wall.
- 7**: Insulation layer.
- C**: Concrete or masonry parapet wall.
- D**: Arch top only (metal fastener).
- E**: Exterior concrete or masonry cap.
- 40**: Metal flashing or curb.
- 1-1/4" MIN. EMB. (TYP.)**: Minimum embedment depth of the fastener.
- INTERIOR** and **EXTERIOR** labels indicate the respective sides.

3 **HORIZONTAL CROSS SECTION**

6 Shown Direct to Masonry
Inswing shown (Outswing similar)



2 **HORIZONTAL CROSS SECTION**
6 Shown Direct to Masonry
 Inswing shown (Outswing similar)

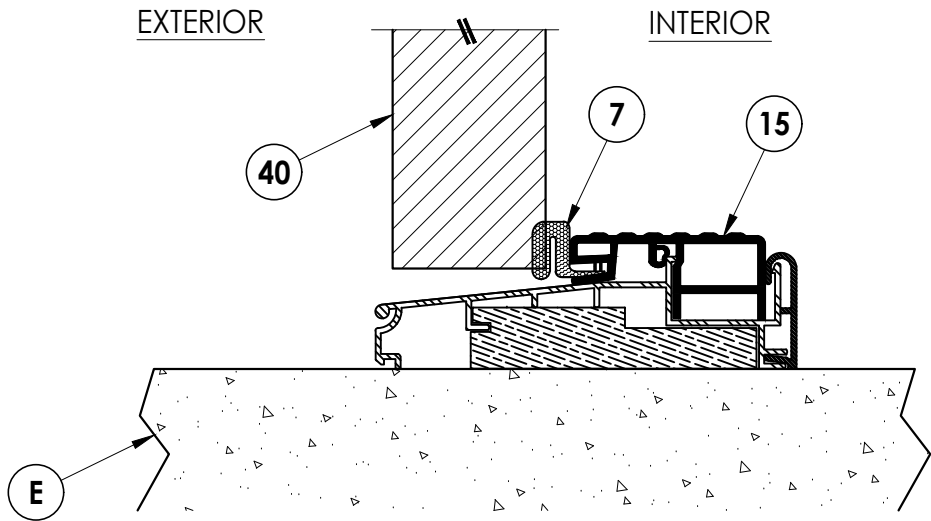
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PRODUCT: INTEGRITY ARCH. MILLWORK WOOD DOOR	PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)
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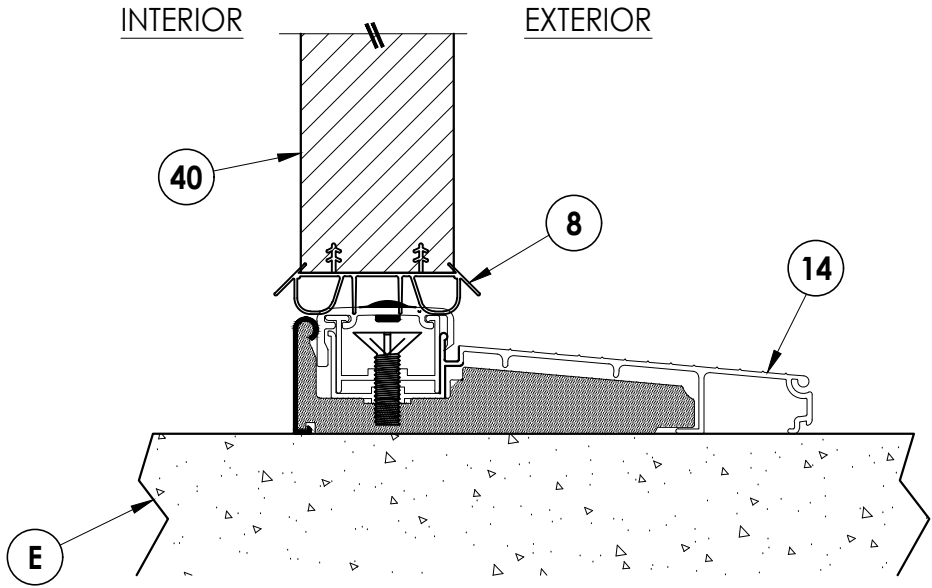
Documents Prepared By:
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1
7 **VERTICAL CROSS SECTION**
Outswing



2
7 **VERTICAL CROSS SECTION**
Inswing

DATE: 10/29/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-46129.1

SHEET 7 OF 10

PRODUCT:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

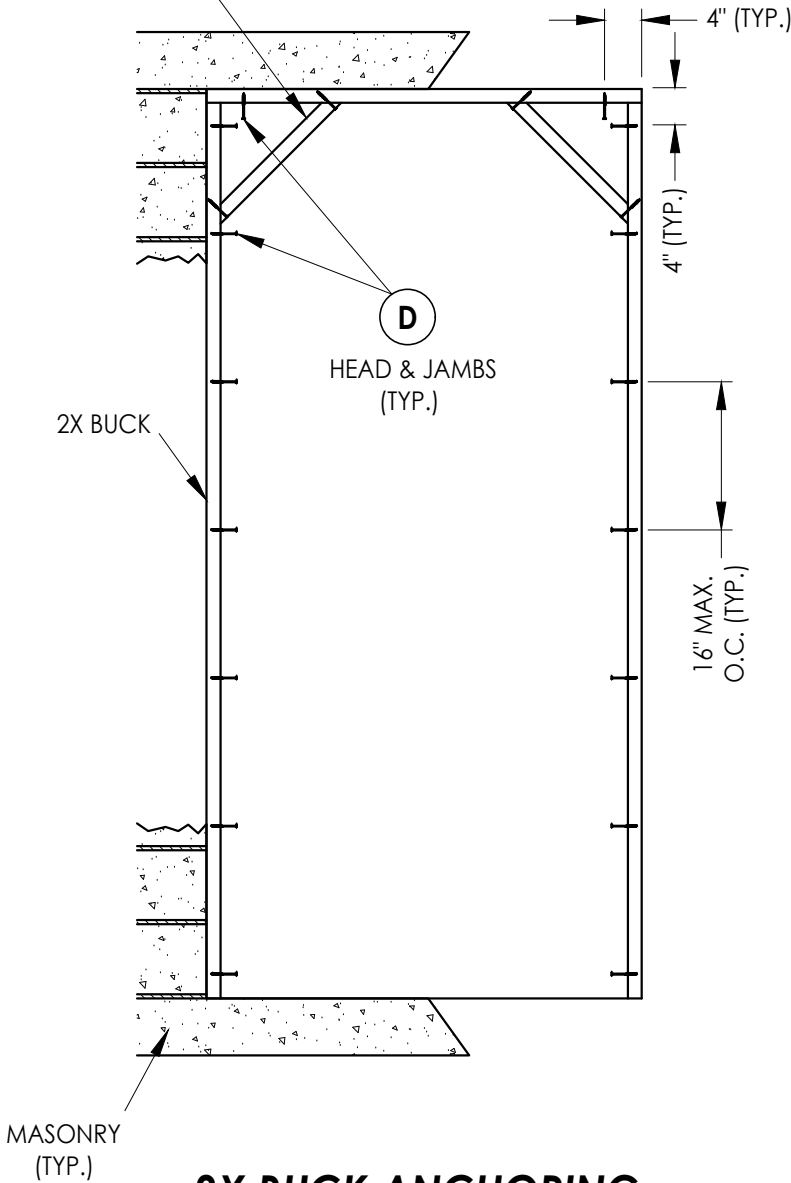
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
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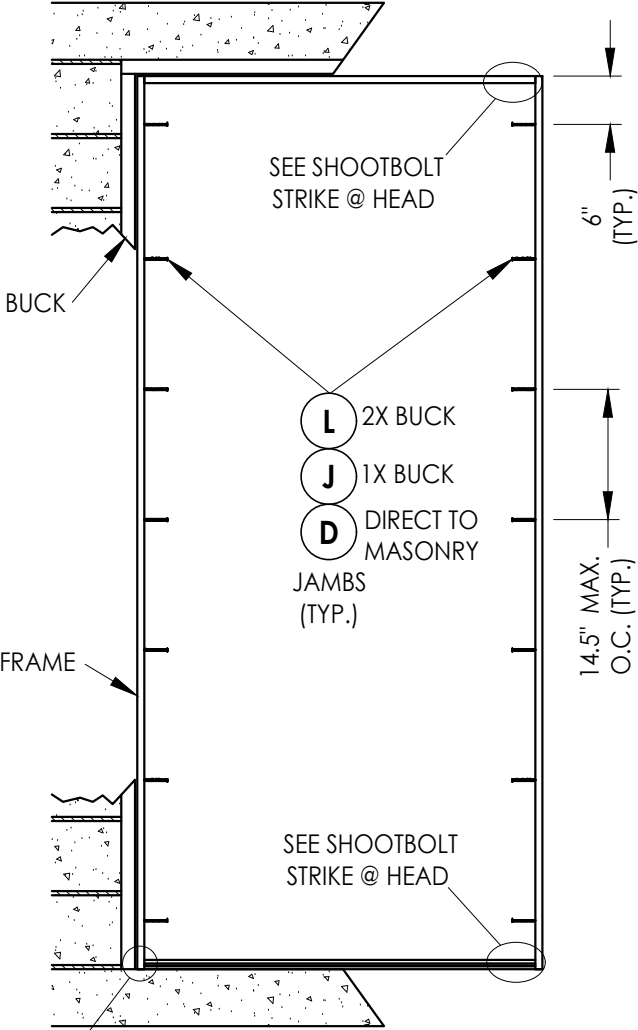
NO.	DATE	REVISIONS	
		BY	LFS
1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC

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



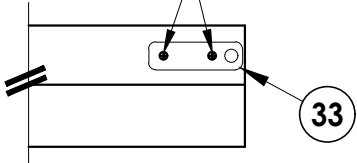
2X BUCK ANCHORING



FRAME ANCHORING

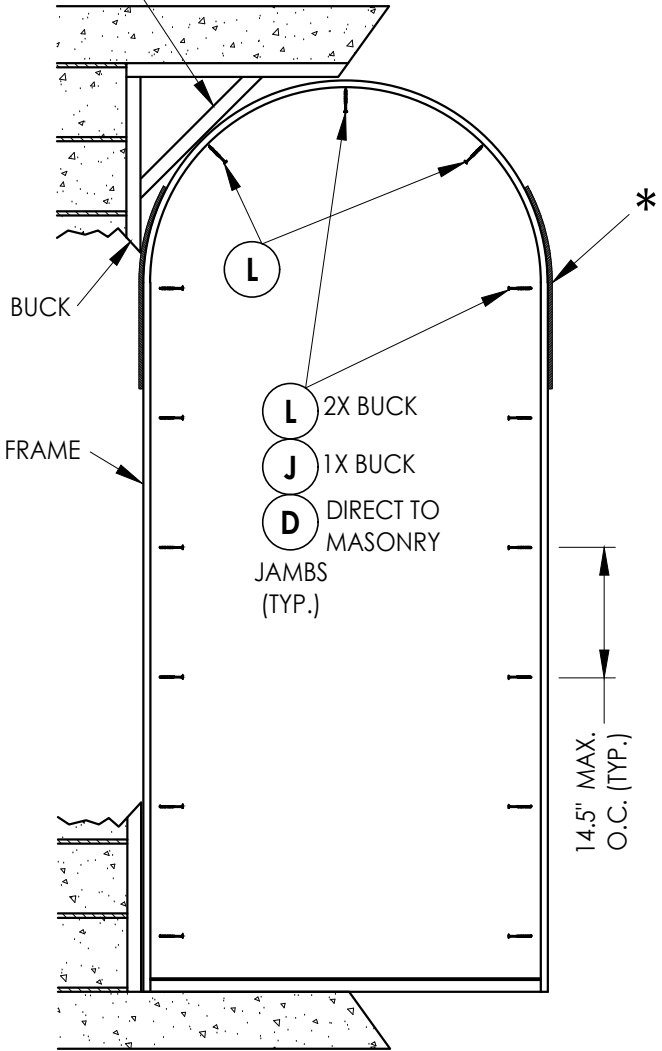
ALL FRAME CORNERS SECURED w/
(5) #10 X 2-1/2" FH WOOD SCREWS

- M** DIRECT TO MASONRY
- G** 1X BUCK
- P** 2X BUCK



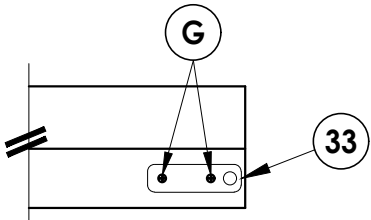
SHOOTBOLT STRIKE @ HEAD
1" X 3-3/8" STEEL PLATE (0.10" THICK)

2X FRAMING CONNECTION TO
SUBSTRATE BY OTHERS



FRAME ANCHORING

* 5/16" PLYWOOD SPLICE PLATE (4.5" WIDE X
23" LONG) ATTACHED w/ 3 ROWS OF 18 GA.
X 7/8" BRAD NAILS (EACH ROW @ 2" O.C.)
INTO JAMBS.



SHOOTBOLT STRIKE @ SILL
1" X 3-3/8" STEEL PLATE (0.10" THICK)

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

PRODUCT:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	DESCRIPTION
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

DATE: 10/29/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46129.1
SHEET 8 of 10

