



GLAZED FIBERGLASS ENTRY DOORS

SINGLE

INSWING / OUTSWING

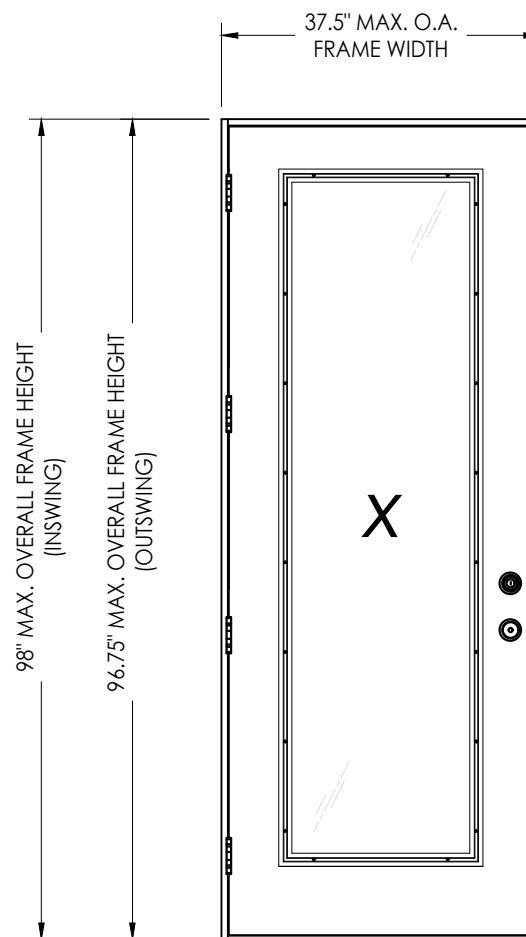
"IMPACT"

GENERAL NOTES

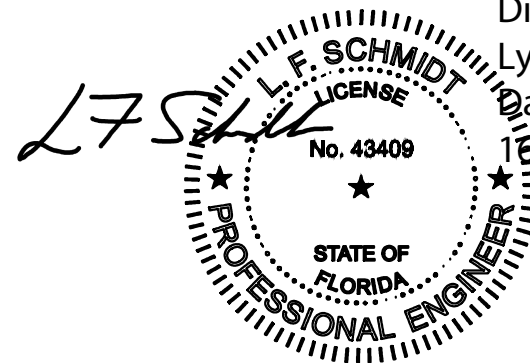
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 excludes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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	Lite Frame & Glazing Details
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	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 98.0"	+50.0	-50.0	+50.0	-50.0



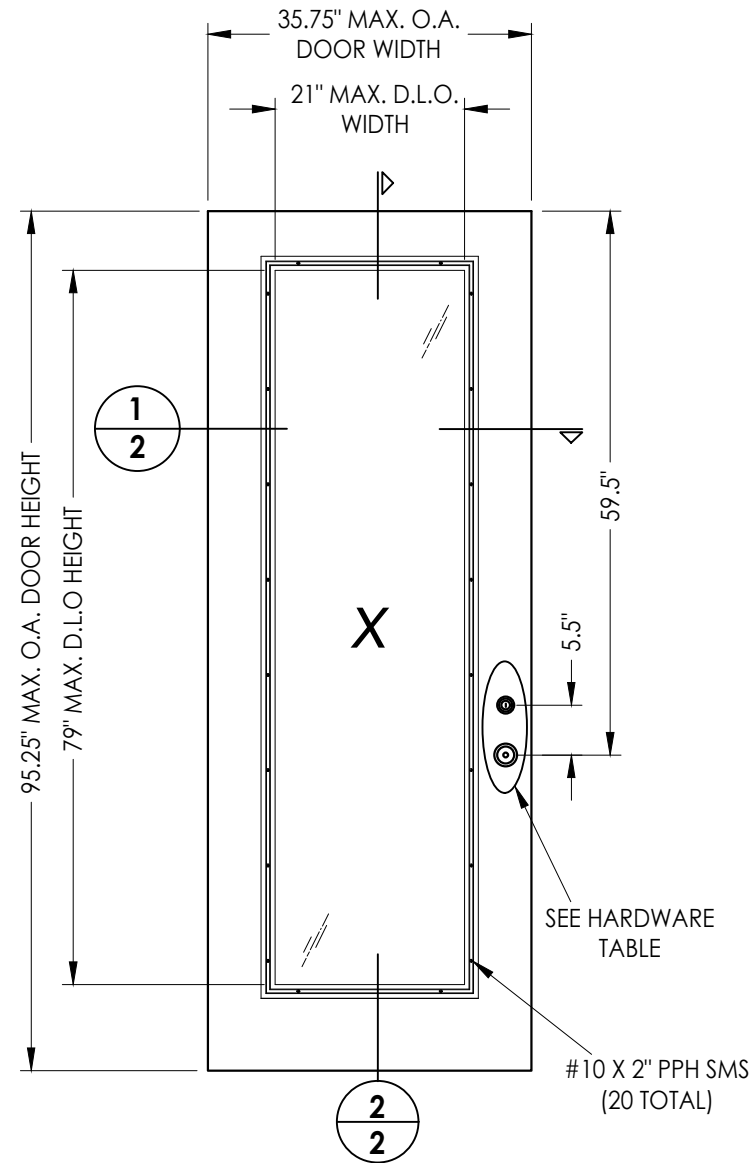
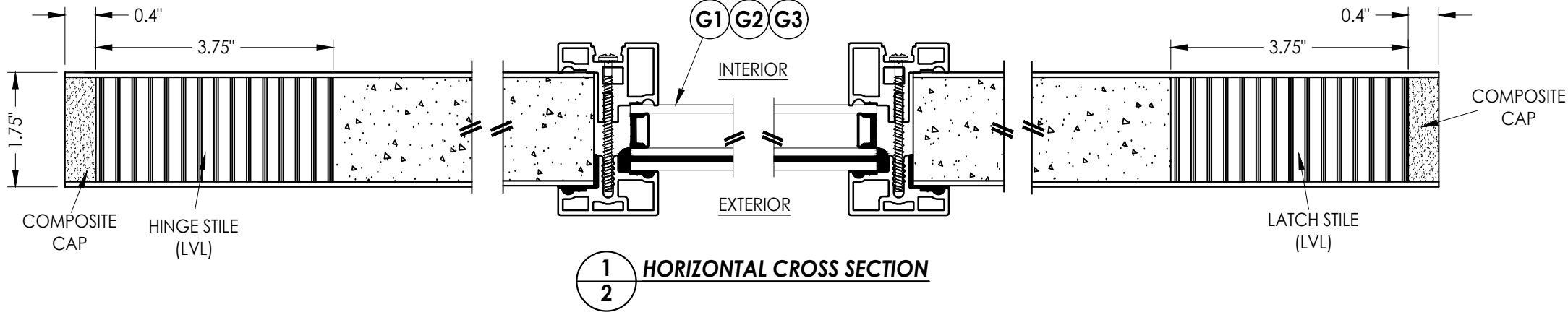
Digitally signed by
Lyndon F Schmidt
Date: 2025.06.17
16:35:50 -04'00'

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:	TRIMLITE FIBERGLASS DOORS	PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
NO.		DATE	
BY			
REVISIONS			
DATE: 5/12/25			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-46830.10			
SHEET 1 OF 9			

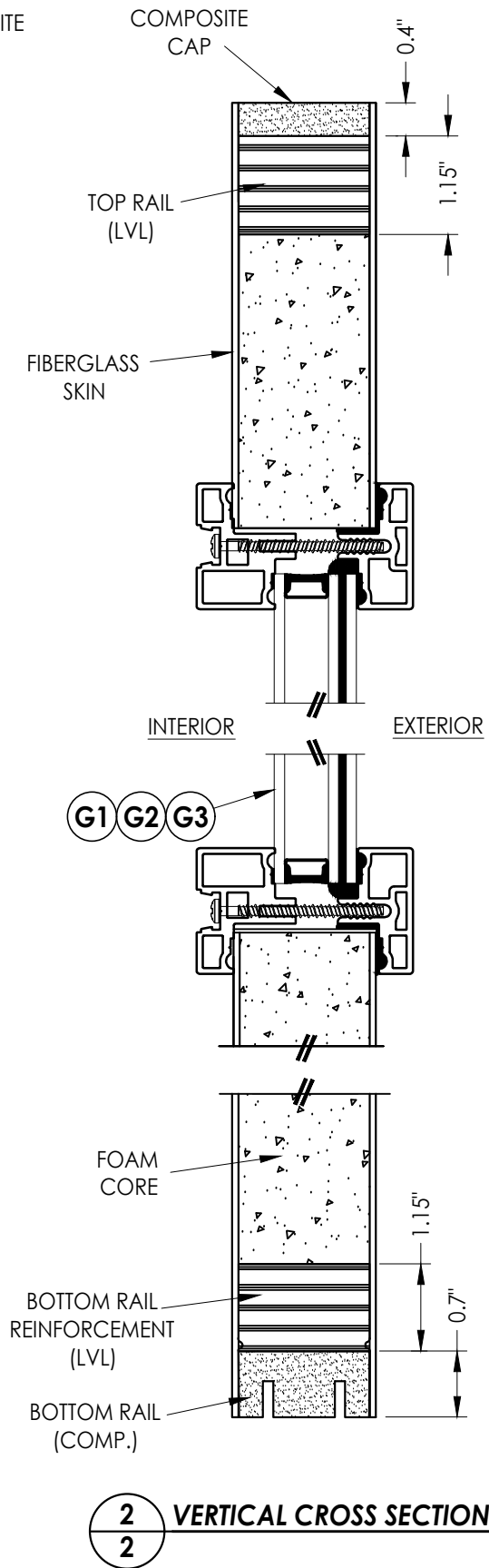
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40 FIBERGLASS DOOR PANEL BUILDERS HARDWARE

FIBERGLASS DOOR SKIN: MIN. 0.090" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	Knob:	F51
	DEADBOLT:	B60N
YALE	Knob:	YE SERIES
	DEADBOLT:	YE SERIES



2 VERTICAL CROSS SECTION

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
TRIMLITE
FIBERGLASS DOORS

PART OR ASSEMBLY:
DOOR PANEL DETAILS

DATE: 5/12/25

SCALE: N.T.S.

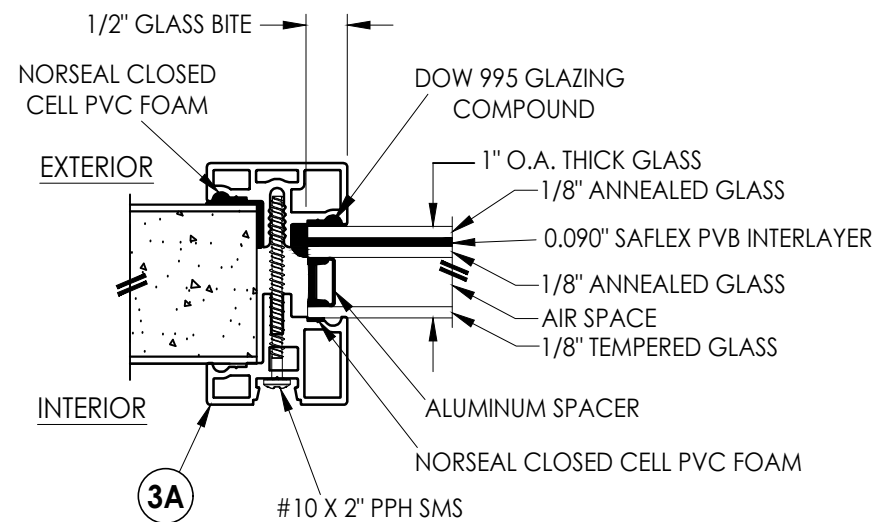
DWG. BY: RW

CHK. BY: LFS

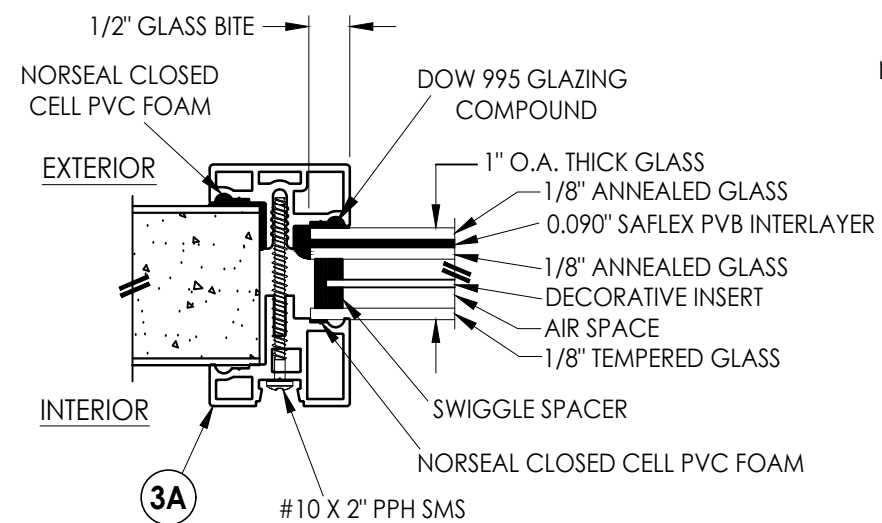
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SHEET 2 OF 9

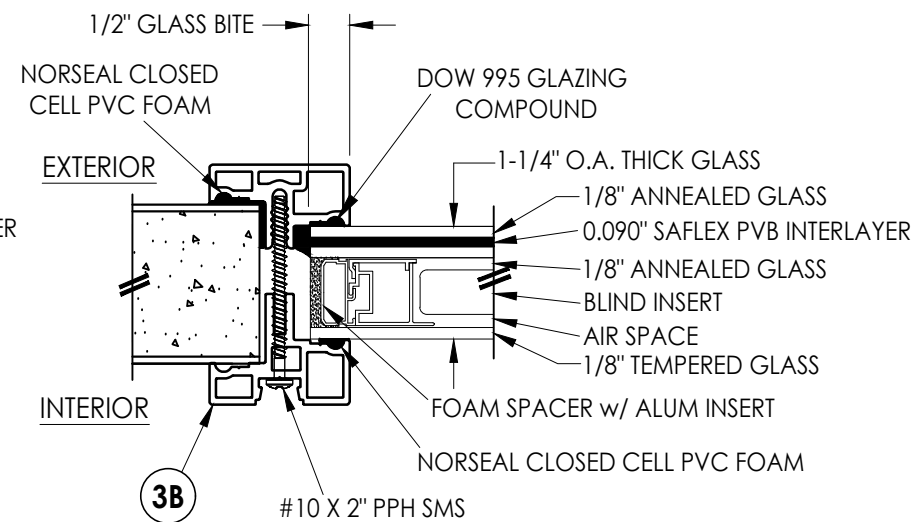
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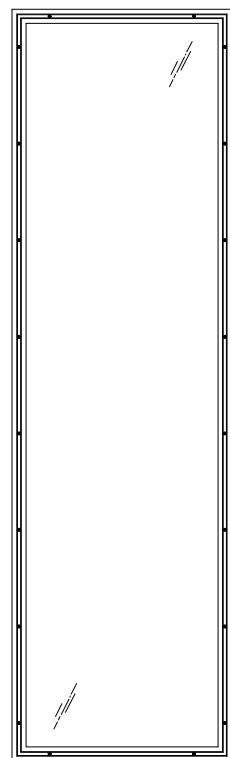
G1 **GLAZING DETAIL**
CLEAR GLASS



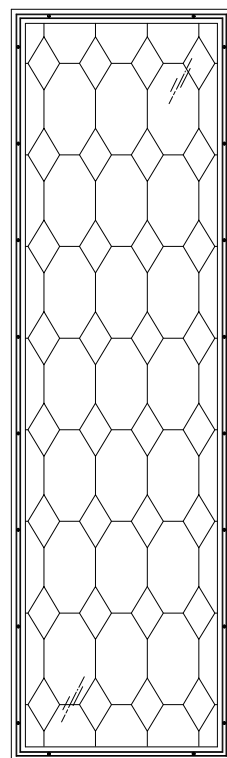
G2 GLAZING DETAIL
DECORATIVE GLASS



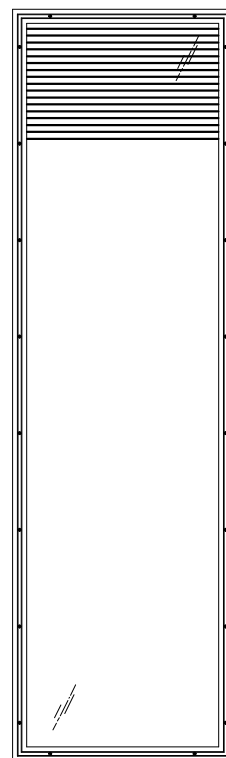
G3 GLAZING DETAIL BLINDS BETWEEN GLASS



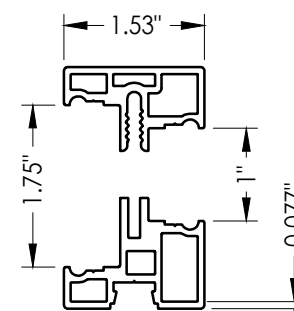
G1 **GLAZING DETAIL**
CLEAR GLASS



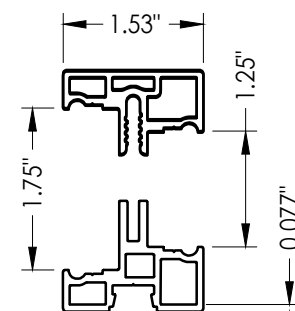
G2 GLAZING DETAIL DECORATIVE GLASS



G3 GLAZING DETAIL
BLINDS BETWEEN GLASS



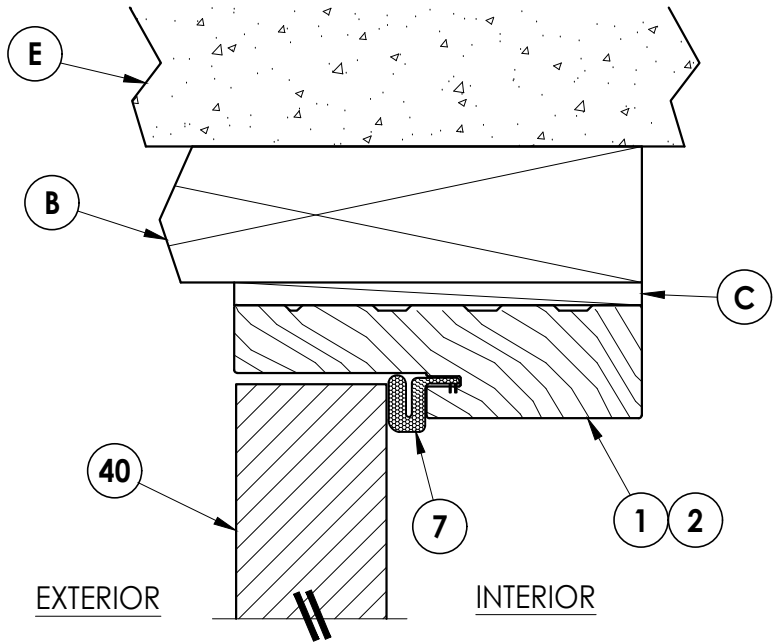
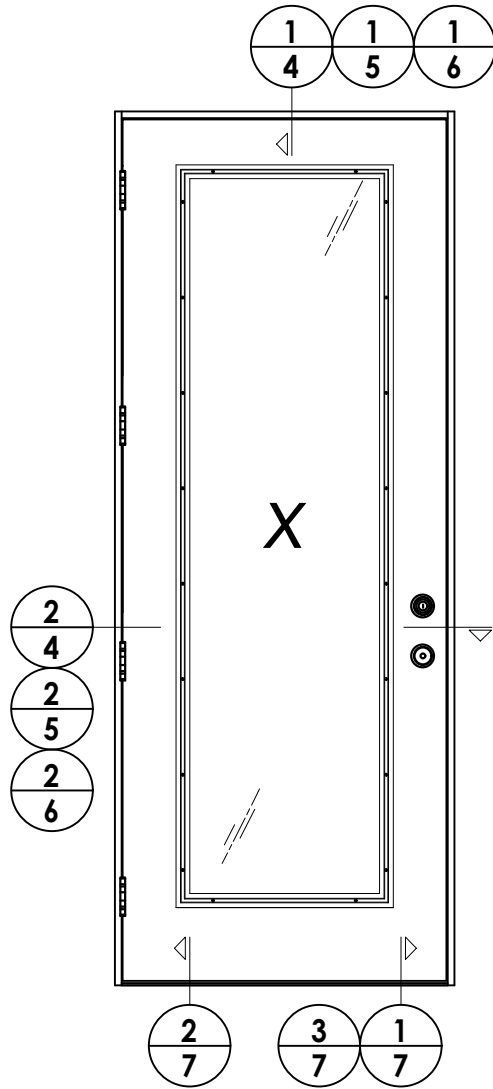
3A TRIMLITE "STORM SERIES"
IMPACT ALUMINUM LITE FRAME
1" GLAZING



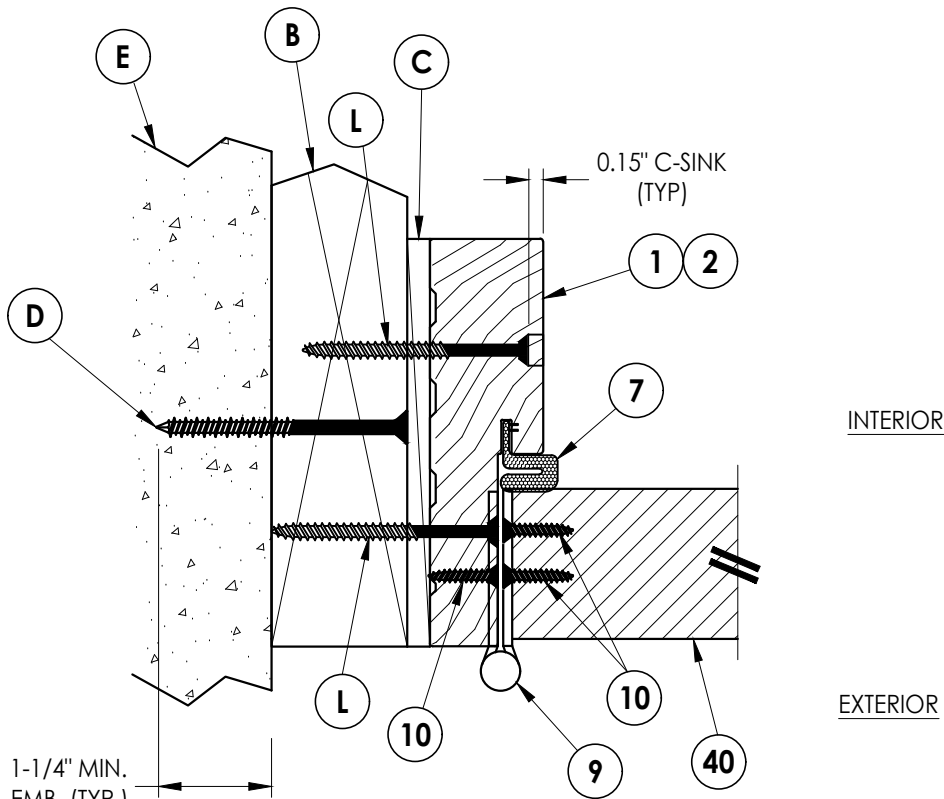
3B TRIMLITE "STORM SERIES"
IMPACT ALUMINUM LITE FRAME
1-1/4" GLAZING

[illegible]

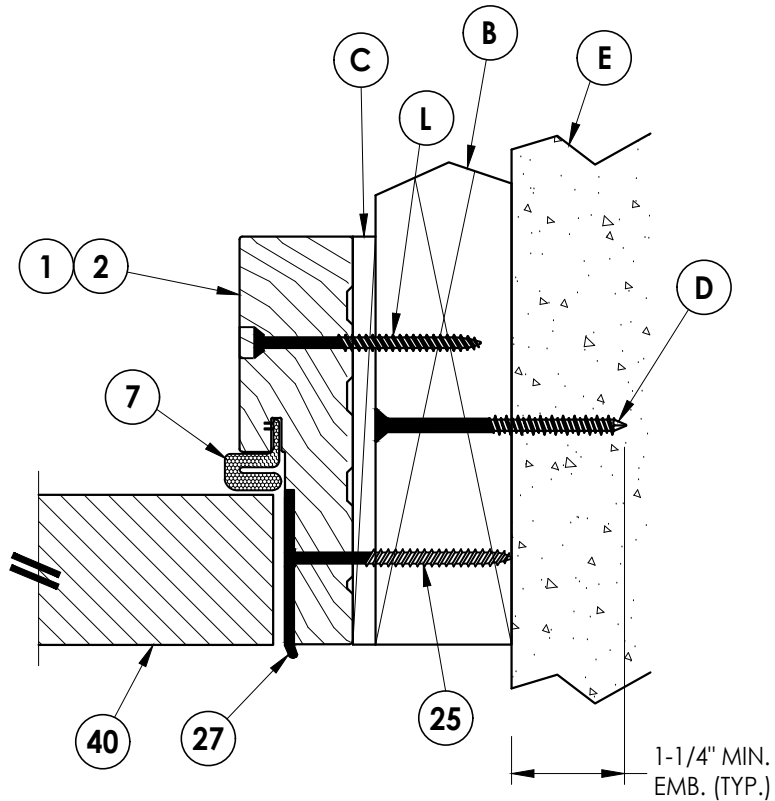
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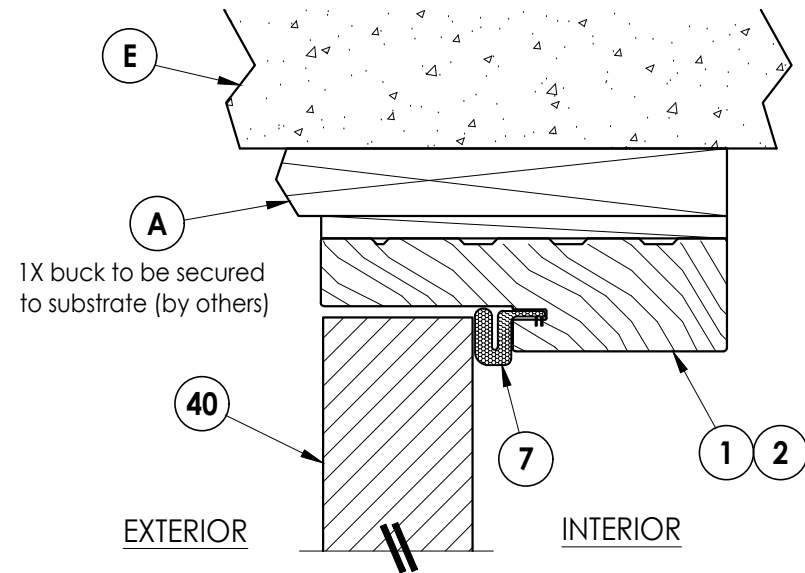
1
4 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



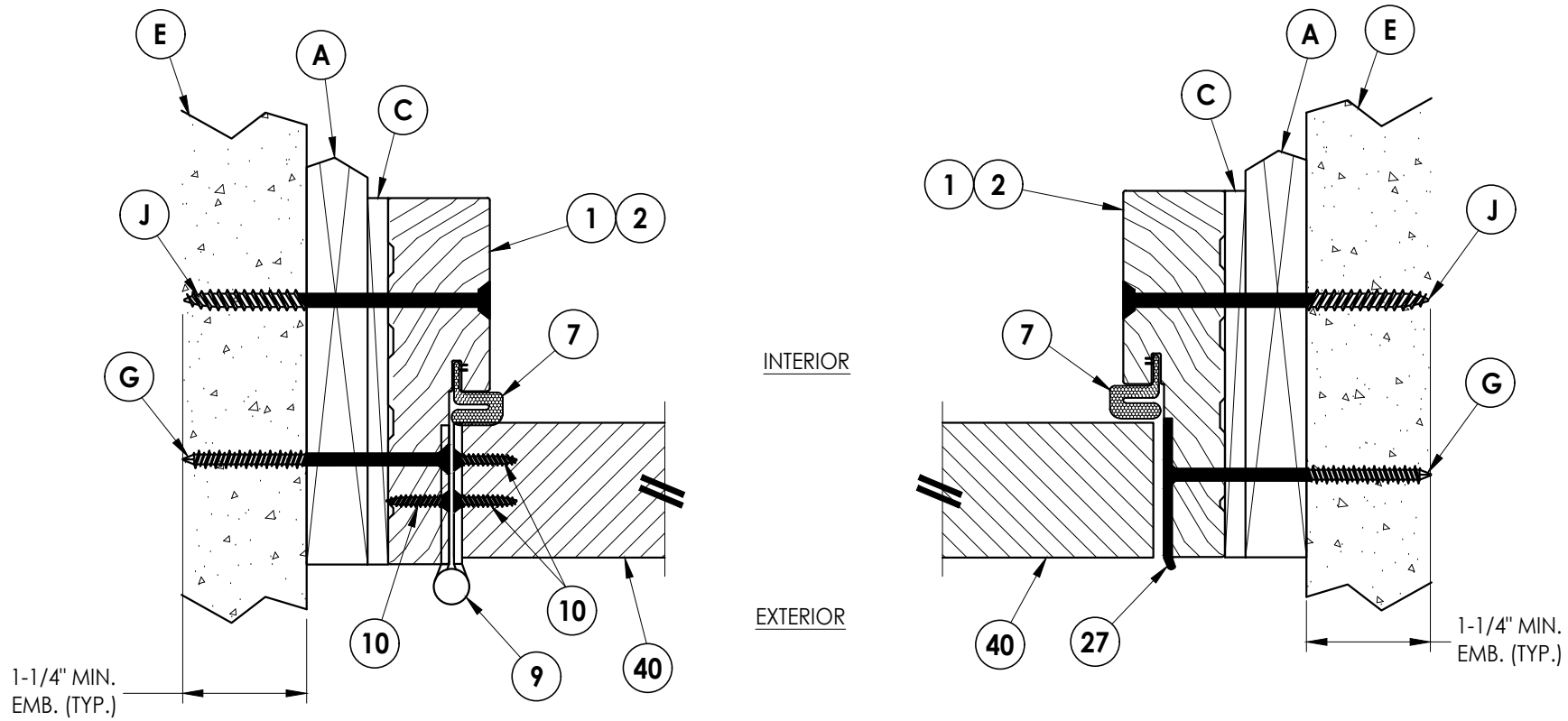
2
4 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



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PRODUCT: TRIMLITE FIBERGLASS DOORS		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	



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



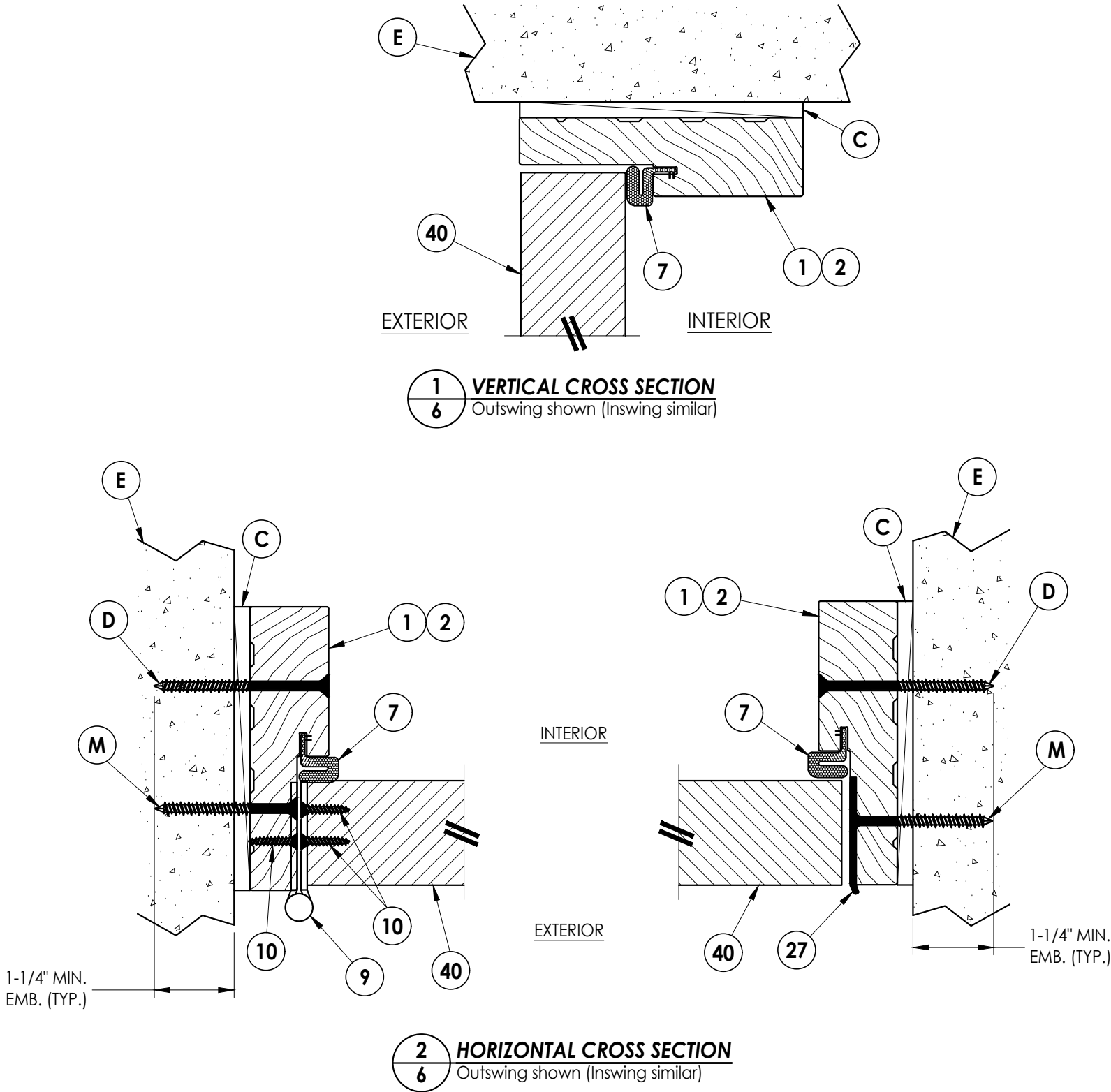
2 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

[illegible]

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FBPE Registry No. 9813

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PRODUCT:		TRIMLITE FIBERGLASS DOORS	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.		DATE	
BY		REVISIONS	
DATE: 5/12/25			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.:			
FL-46830.10			
SHEET 6 OF 9			

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P.E. No. 43409

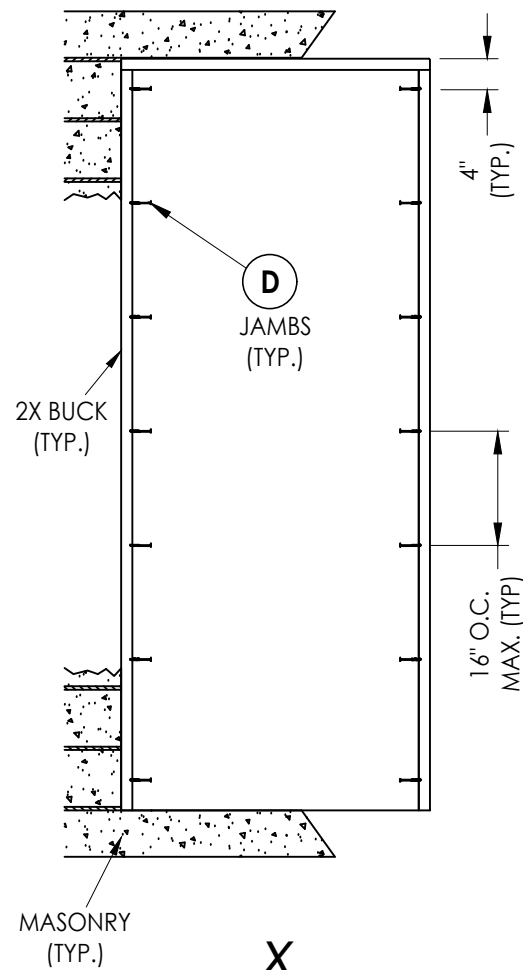
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Diagram illustrating the cross-section of a door threshold assembly. The assembly is divided into two main sections: **INTERIOR** (left) and **EXTERIOR** (right).

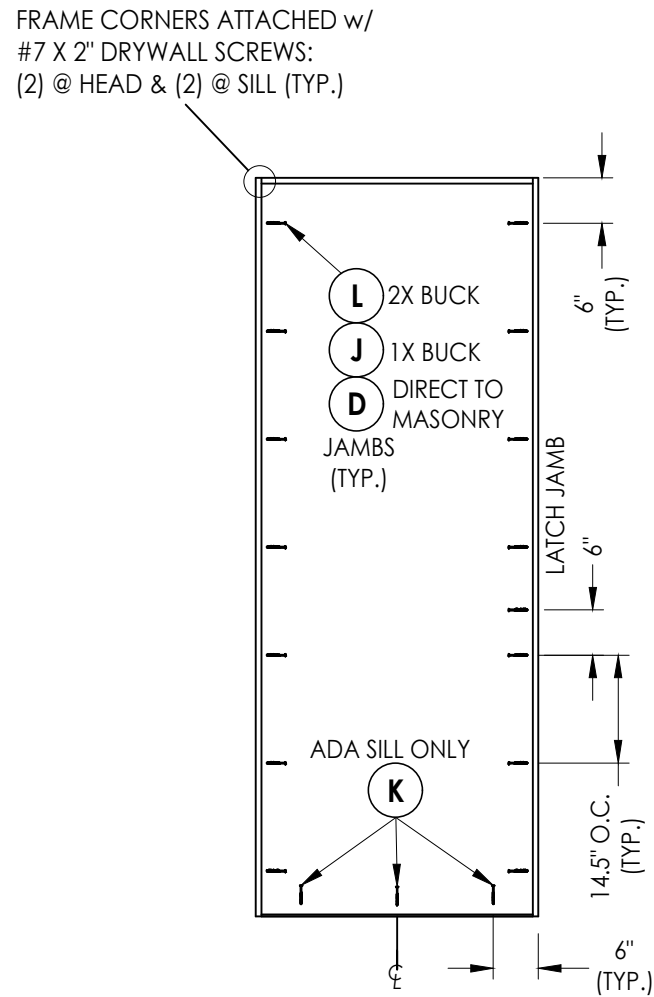
Key components and dimensions shown:

- 40**: Interior threshold component.
- 8**: Threshold component.
- 15**: Threshold component.
- E**: Exterior threshold component.
- K**: ADA SILL ONLY (indicated by a callout).
- 1-1/4" MIN. EMB. (TYP.)**: Minimum embedment depth (typical).

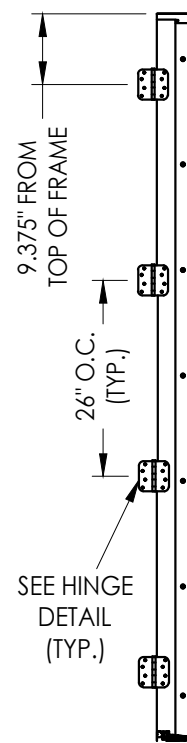
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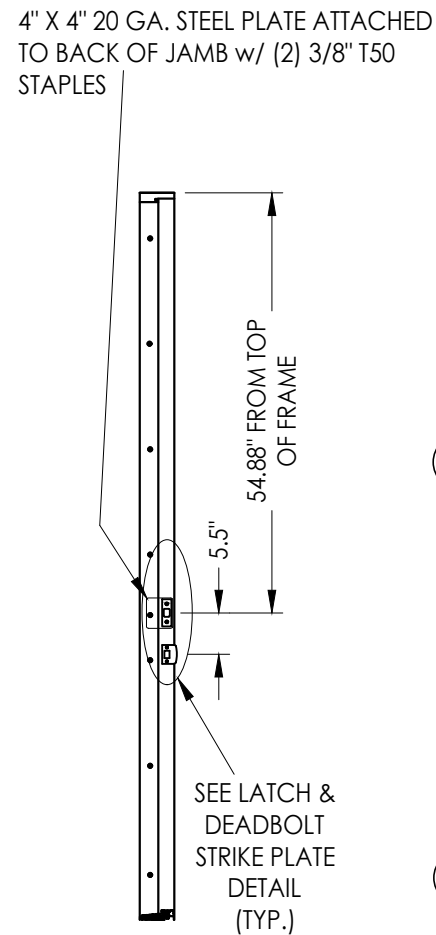
2X BUCK ANCHORING



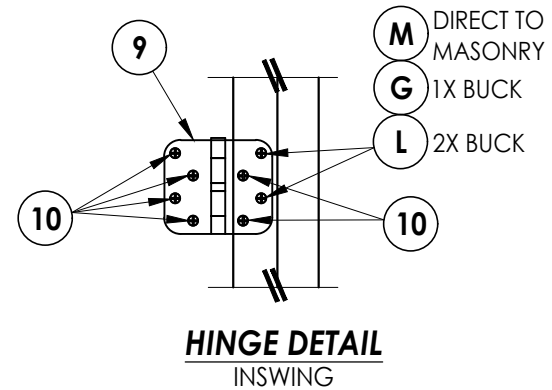
FRAME ANCHORING



HINGE JAMB

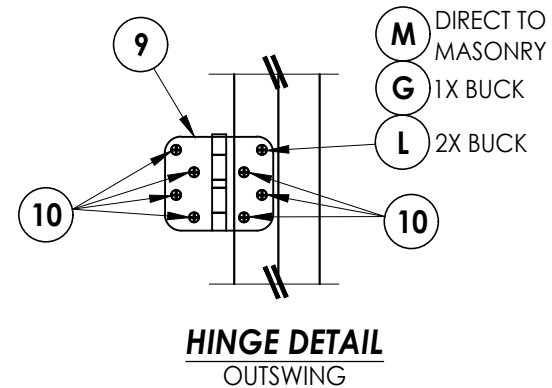


STRIKE JAMB



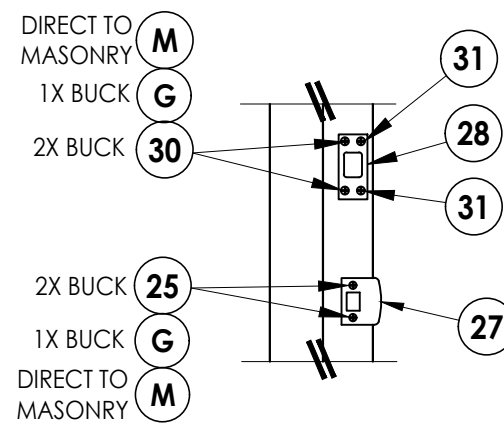
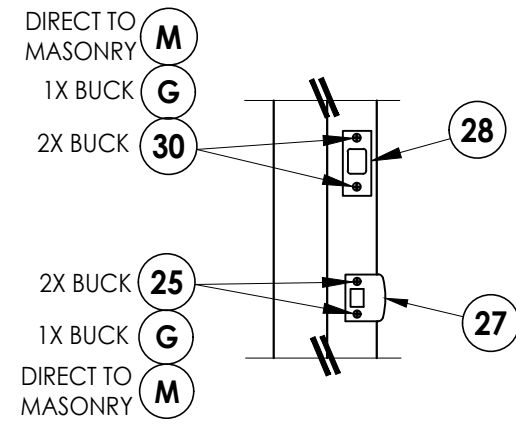
HINGE DETAIL

INSWING



HINGE DETAIL

OUTSWING

**KWIKSET HARDWARE**

SCHLAGE/YALE HARDWARE

LATCH & DEADBOLT STRIKE PLATE DETAILS

HARDWARE DETAILS

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PRODUCT: TRIMLITE FIBERGLASS DOORS							
PART OR ASSEMBLY: BUCK & FRAME ANCHORING							
							REVISIONS
						BY	
DATE: 5/12/25							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-46830.10							
SHEET 8 OF 9							

