

Z:\2023 FBC Drawings\Millwork 360\FL-29241 R4\FL-29241.6.dwg



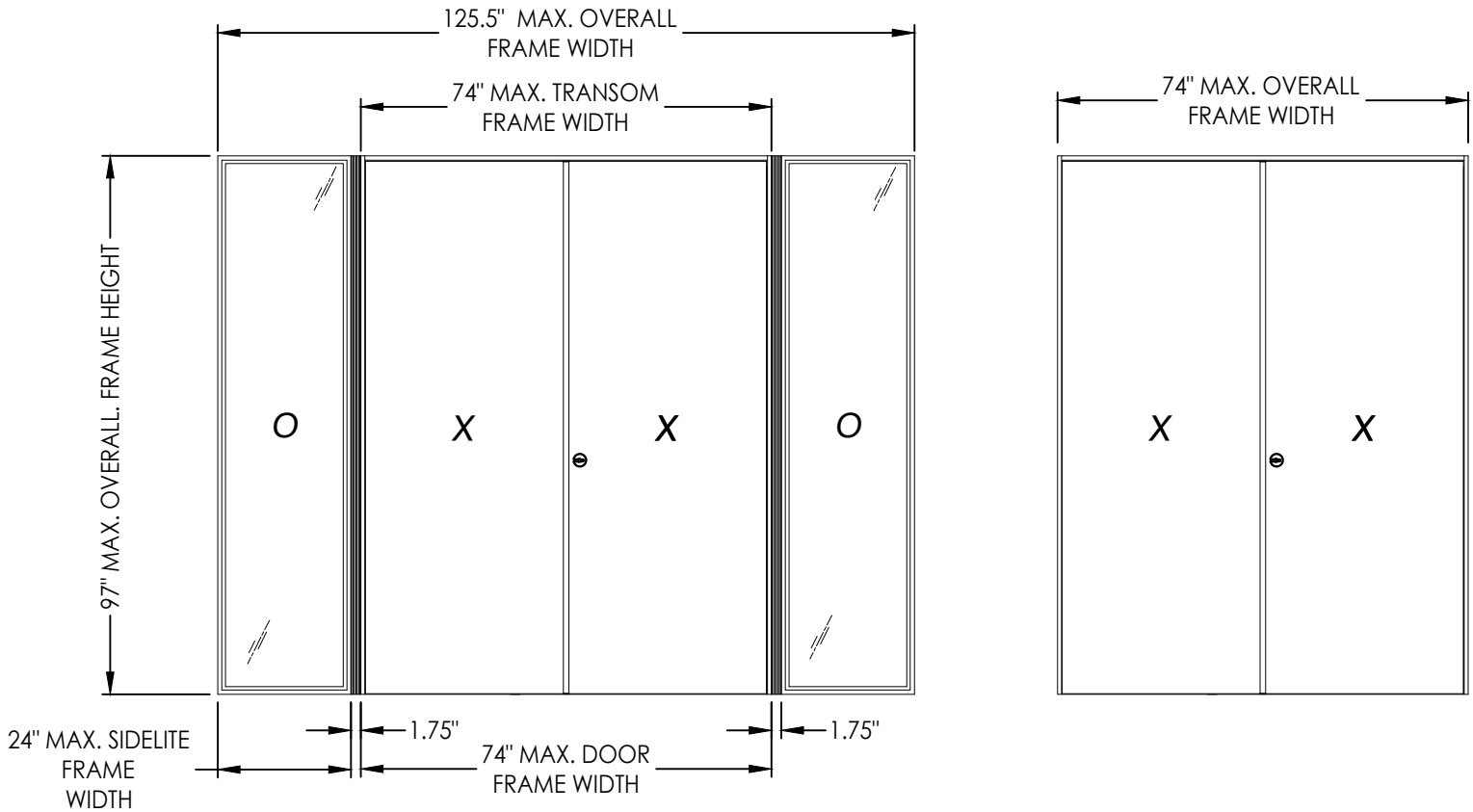
FIBERGLASS OPAQUE
DOUBLE DOOR
w/ or w/out SIDELITES

OUTSWING
"IMPACT"

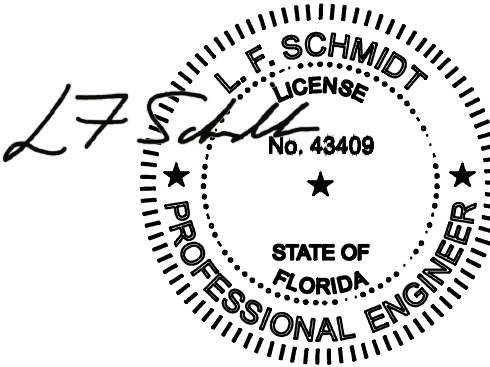
GENERAL NOTES

- 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 3 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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Vertical Cross Sections
6	Horizontal Cross Sections
7	Buck Anchoring
8	Frame Anchoring
9	Hardware & Mullion Connection Details
10	Bill of Materials & Components



CONFIGURATION	DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE
OXXO	+50.0	-50.0
XX	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.12 09:17:25 -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
FIBERGLASS DOOR

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

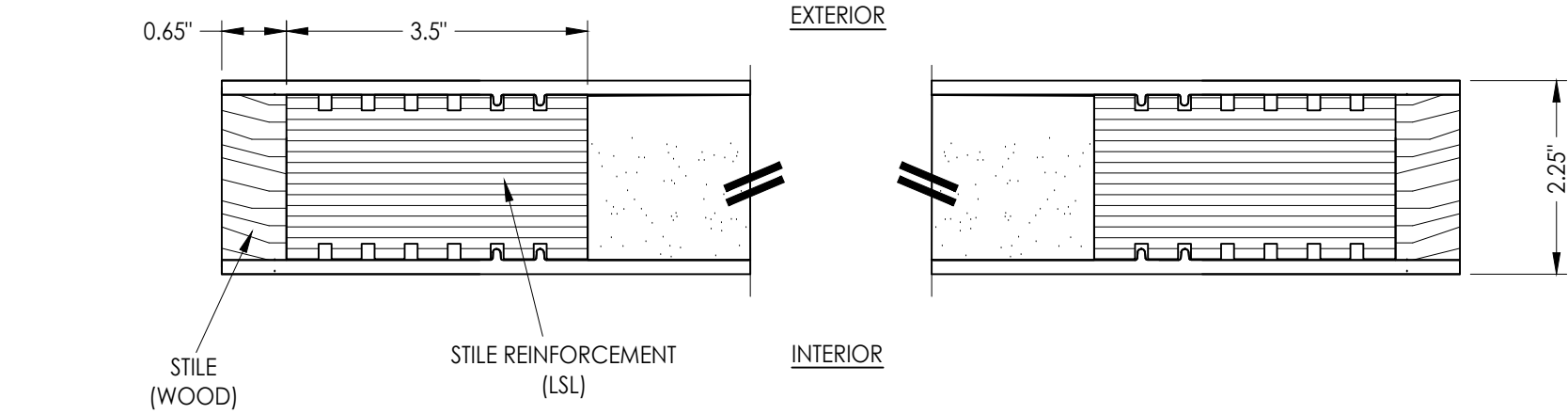
DATE: 5/22/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-29241.6
SHEET 1 OF 10

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

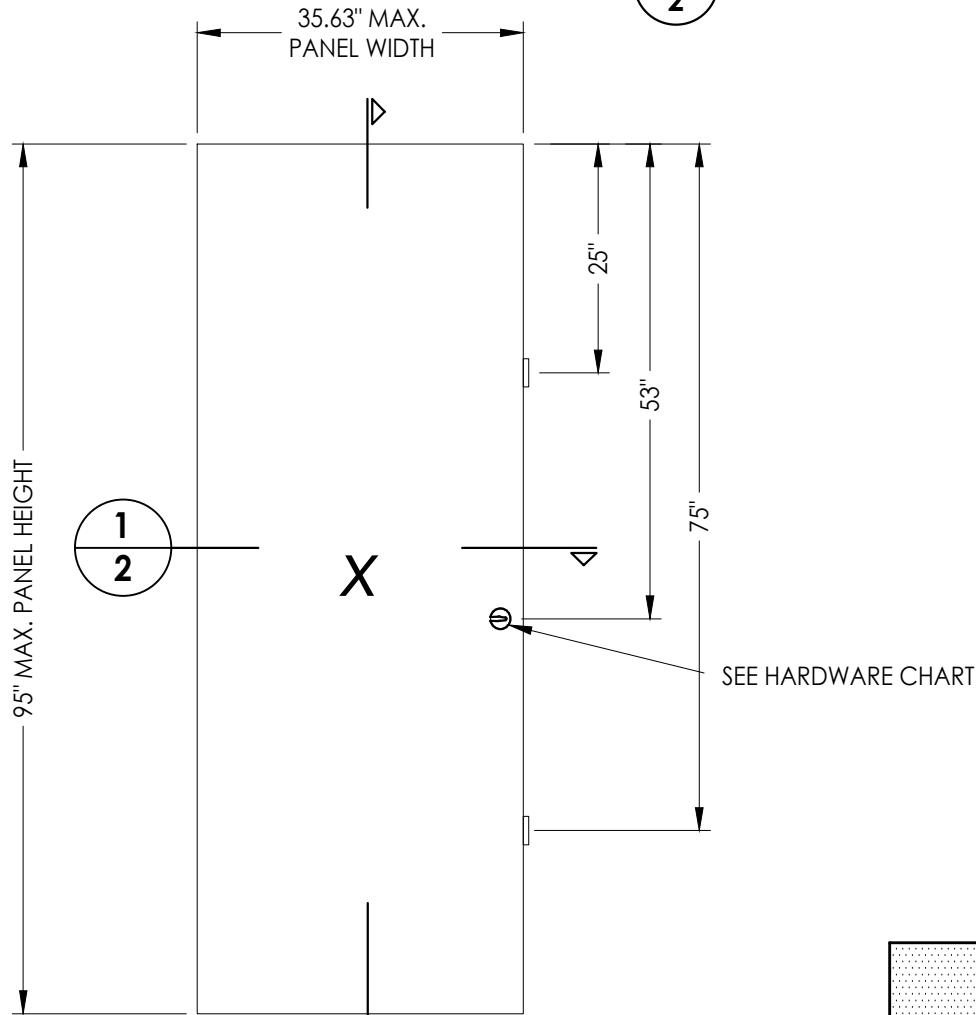
REVISIONS

1 8/12/26 UPDATE TO 9TH ED. (2026) FBC
NO. DATE BY

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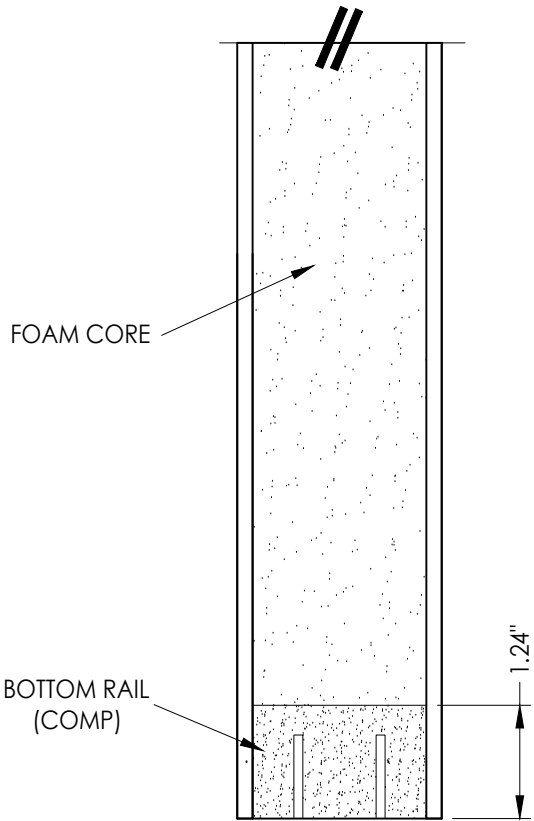
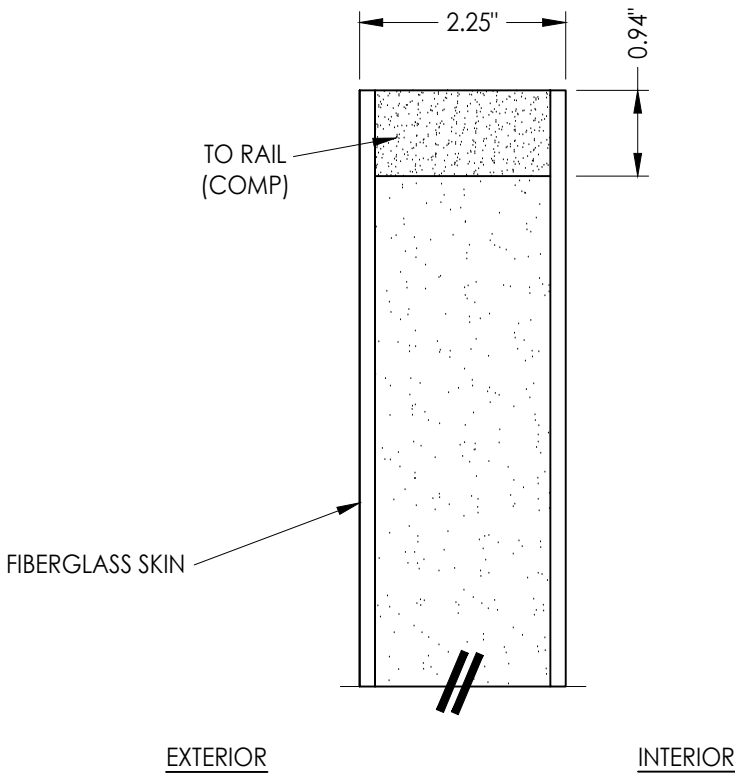
1
2 **HORIZONTAL CROSS SECTION**



2
2 **DOOR PANEL**
MastergGrain

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	DEADBOLT: SIGNATURE SERIES (980)
DELTANA	ROLLER CATCH: RCA430

FIBERGLASS DOOR SKIN: 0.17" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.



2
2 **VERTICAL CROSS SECTION**

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

PRODUCT:
MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO	DATE	REVISIONS
1	8/12/26	UPDATE TO 9TH ED. (2026) FBC
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DATE: 5/22/25

SCALE: N.T.S.

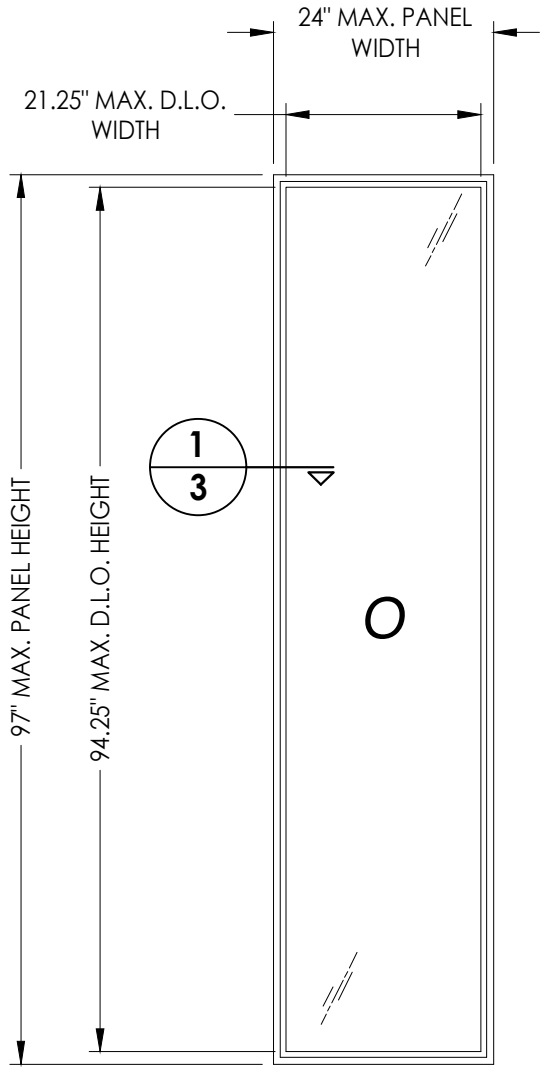
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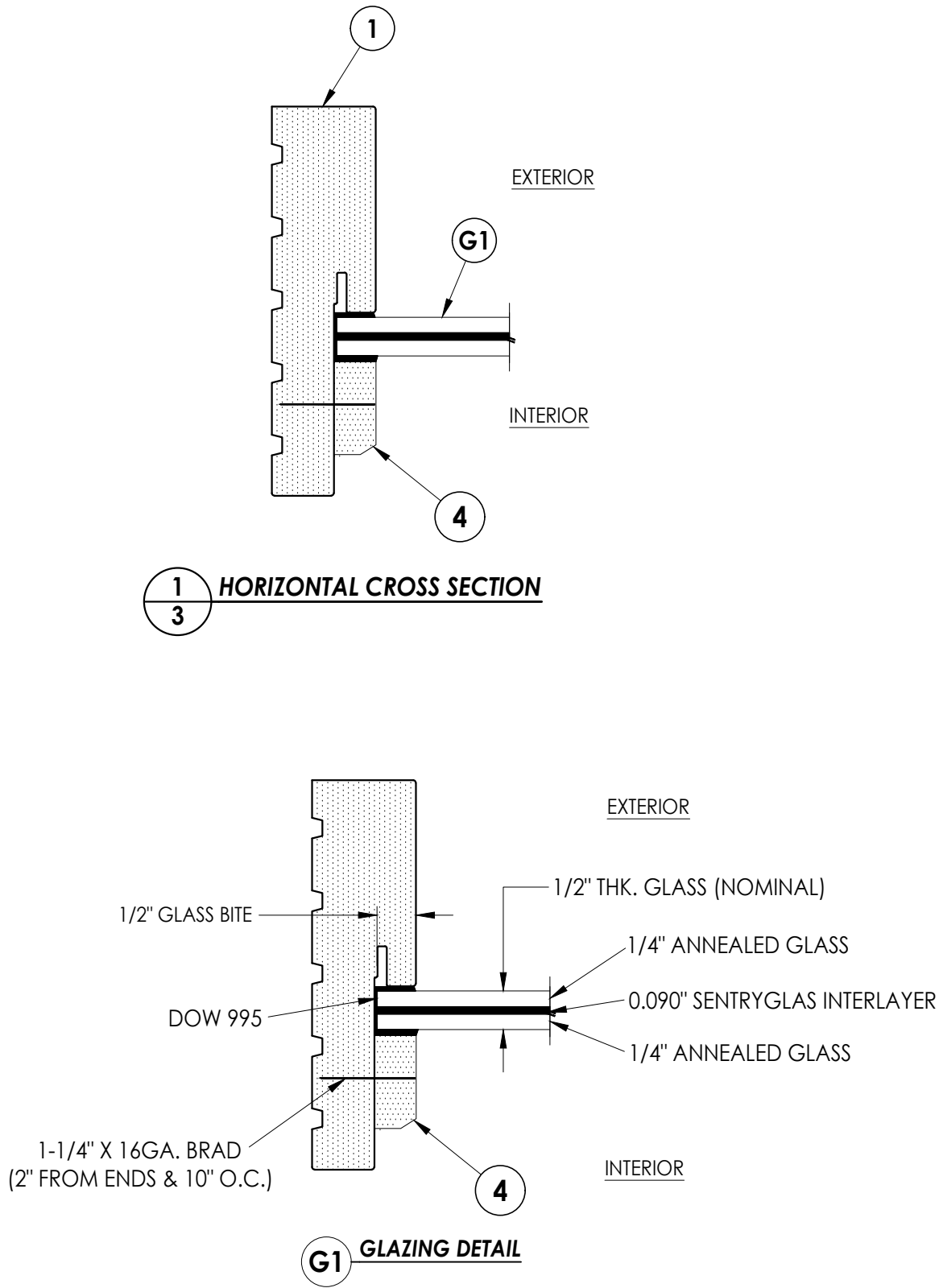
DRAWING NO.: FL-29241.6

SHEET 2 OF 10

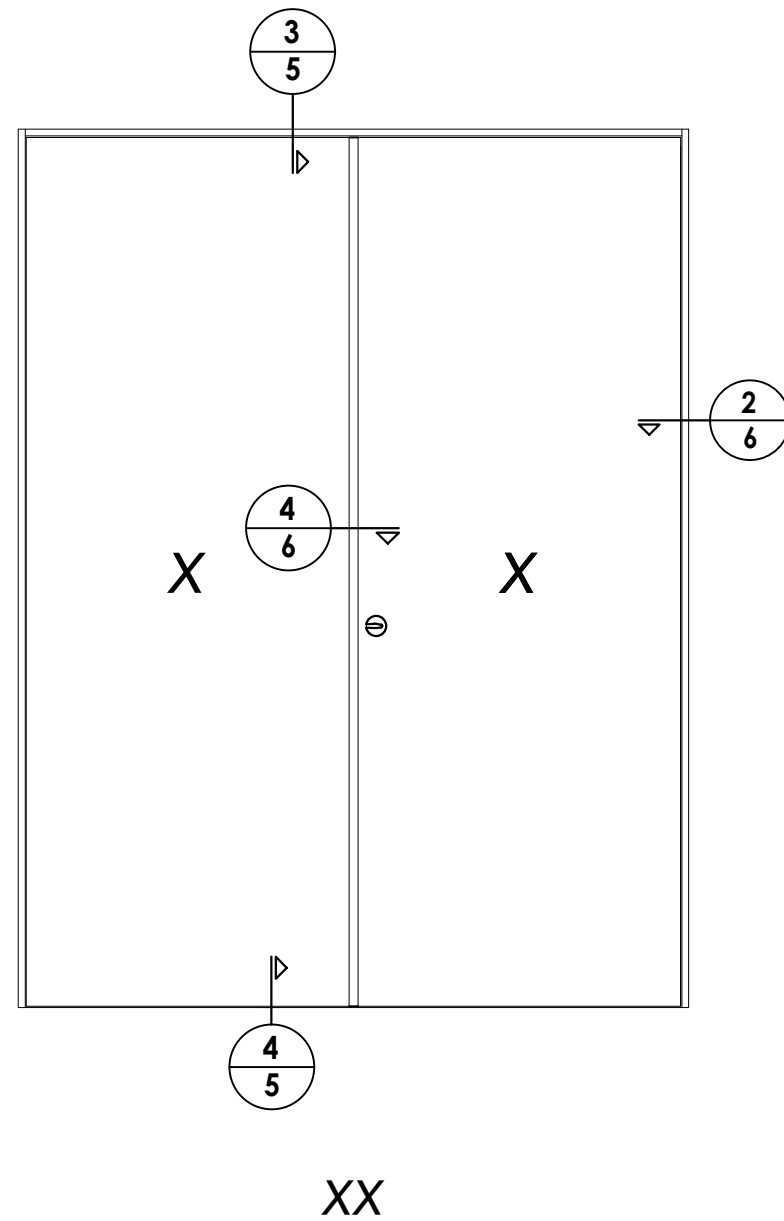
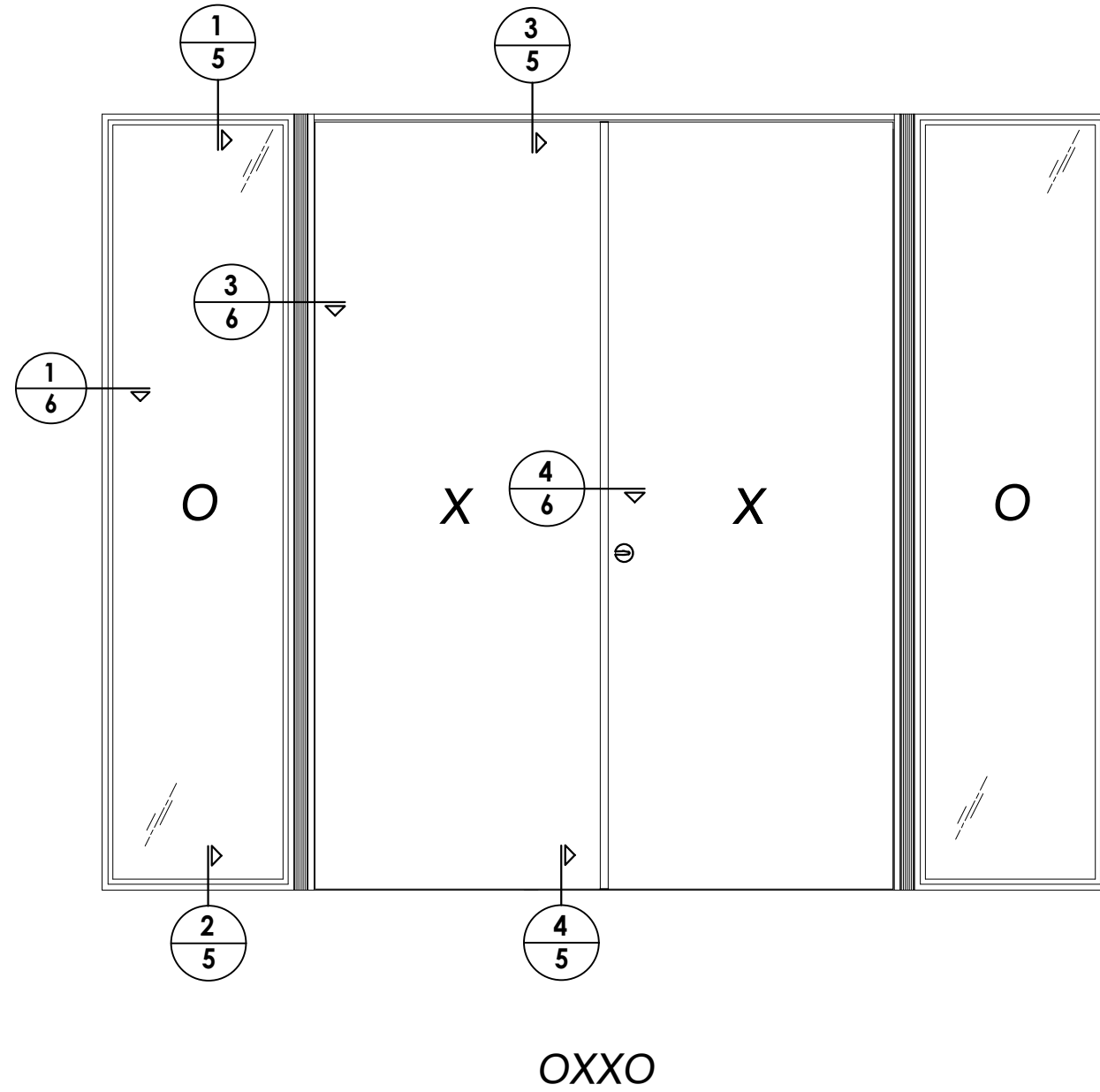
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50 SIDELITE PANEL



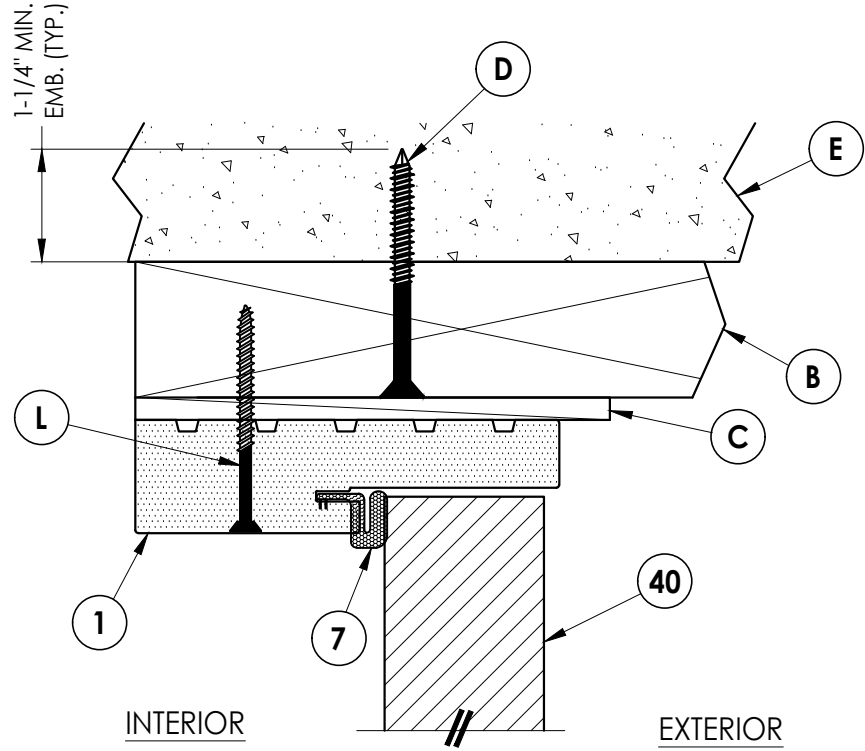
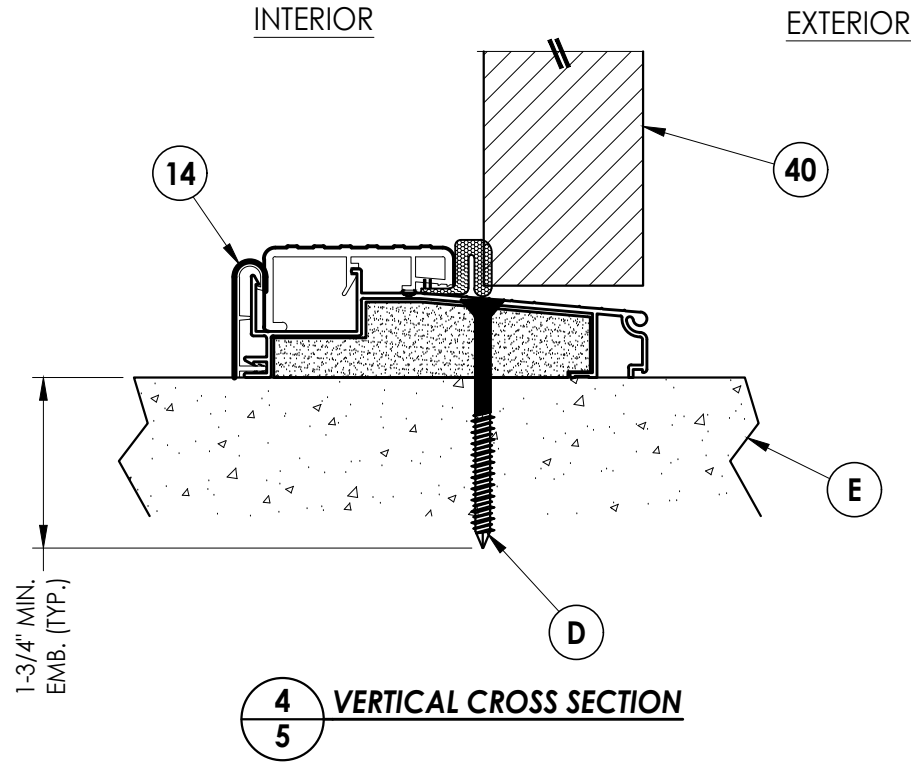
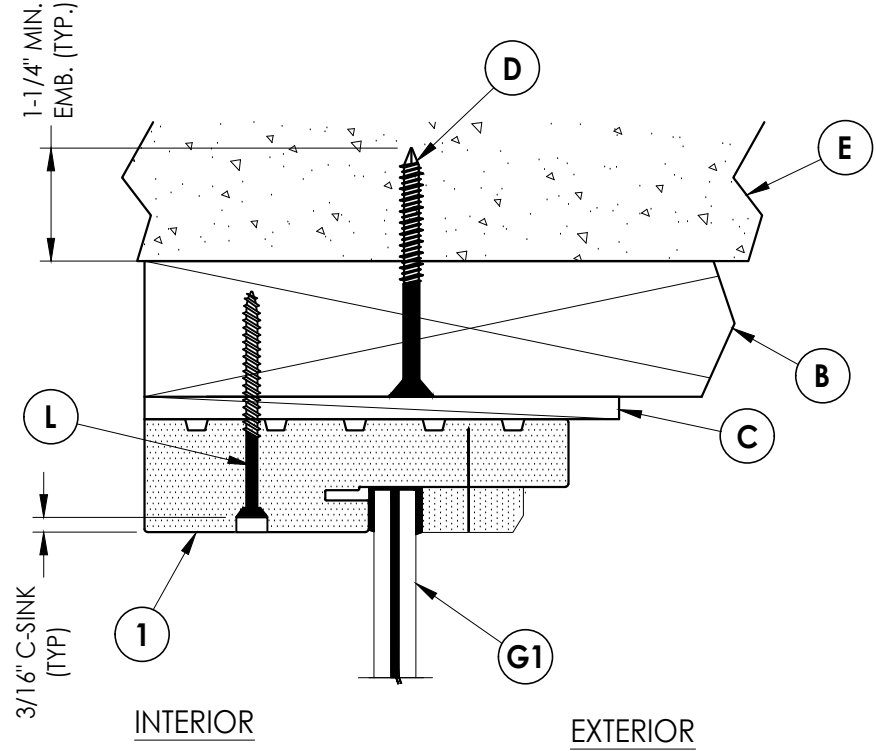
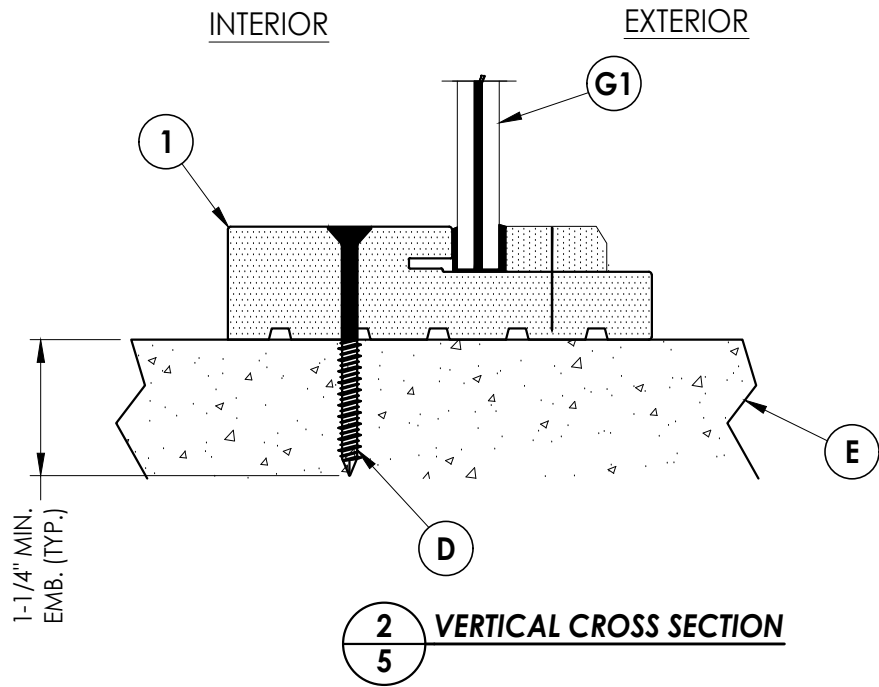
DATE: 5/22/25		PRODUCT:		MILLWORK 360 FIBERGLASS DOOR		PART OR ASSEMBLY:		SIDELITE PANEL DETAILS		DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
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DRAWING NO.: FL-29241.6													
SHEET 3 OF 10													
		NO.		DATE		8/12/26		UPDATE TO 9TH ED. (2026)		FBC		LFS	
												BY	

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DRAWING NO.: FL-29241.6
SHEET 5 OF 10

NO.	DATE	REVISIONS
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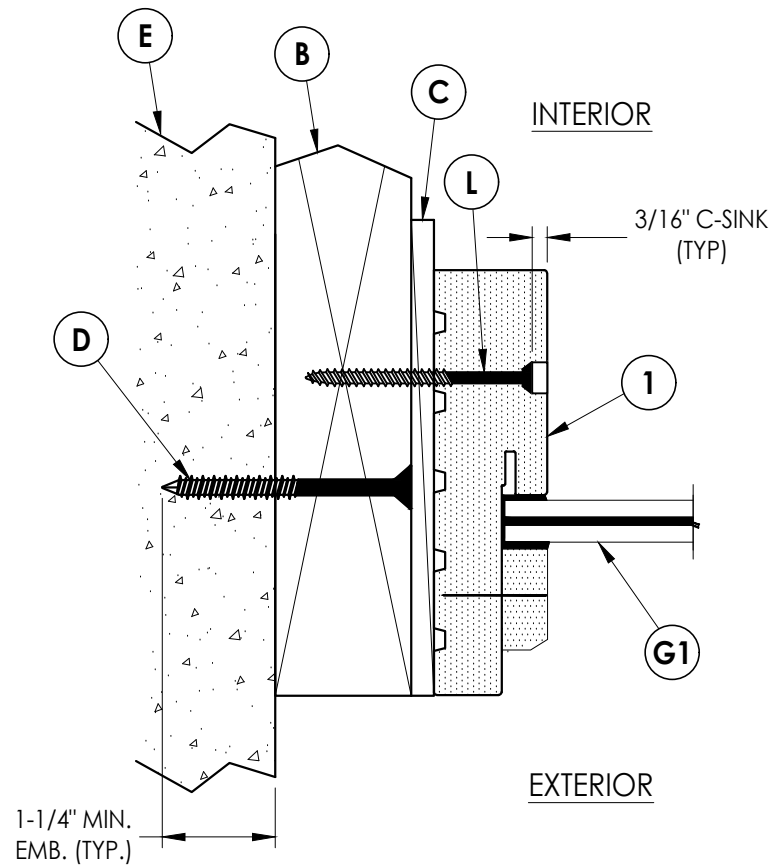
PRODUCT: MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

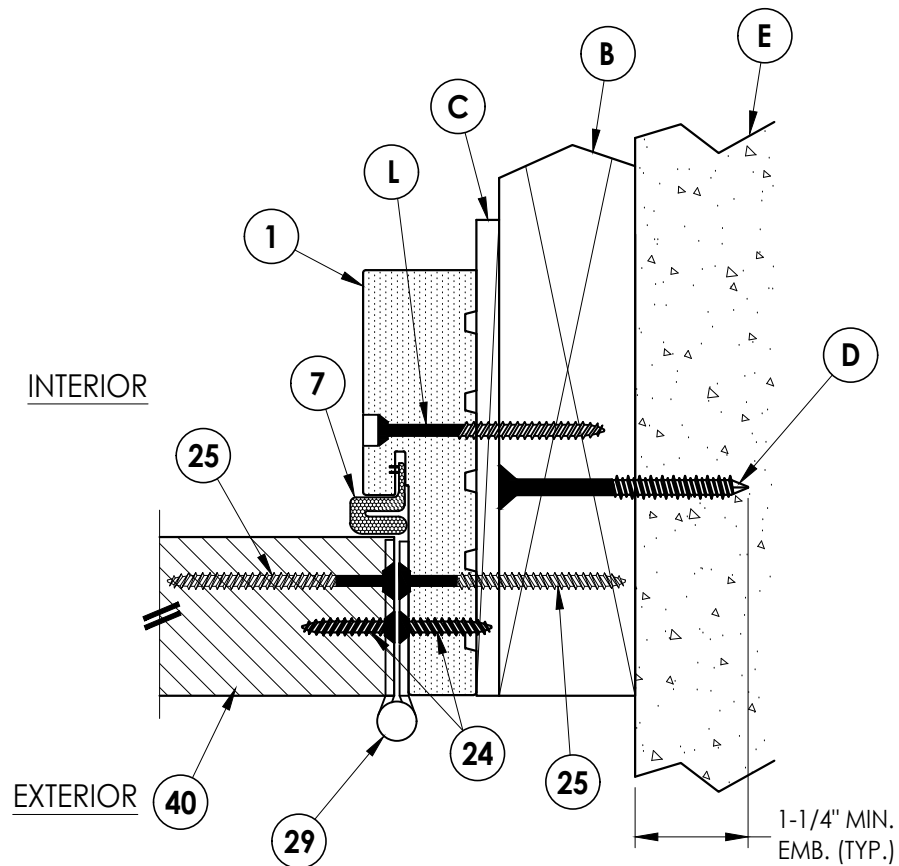
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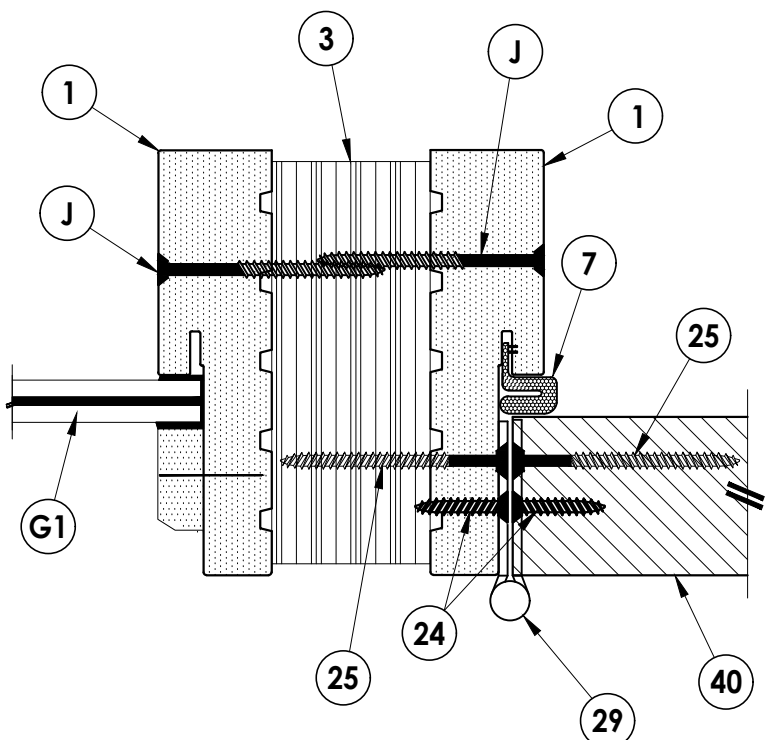
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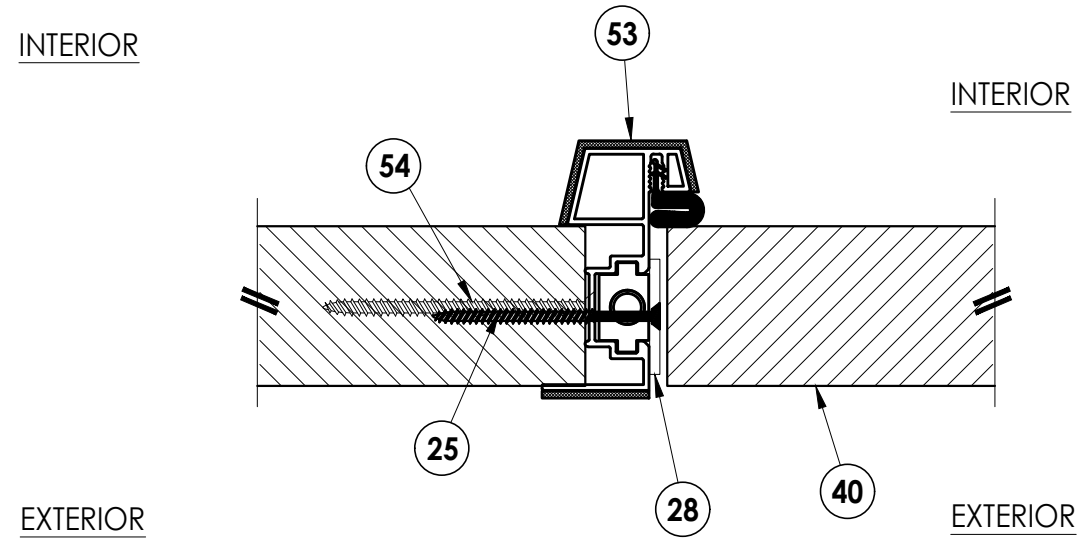
1
6 HORIZONTAL CROSS SECTION



2
6 HORIZONTAL CROSS SECTION



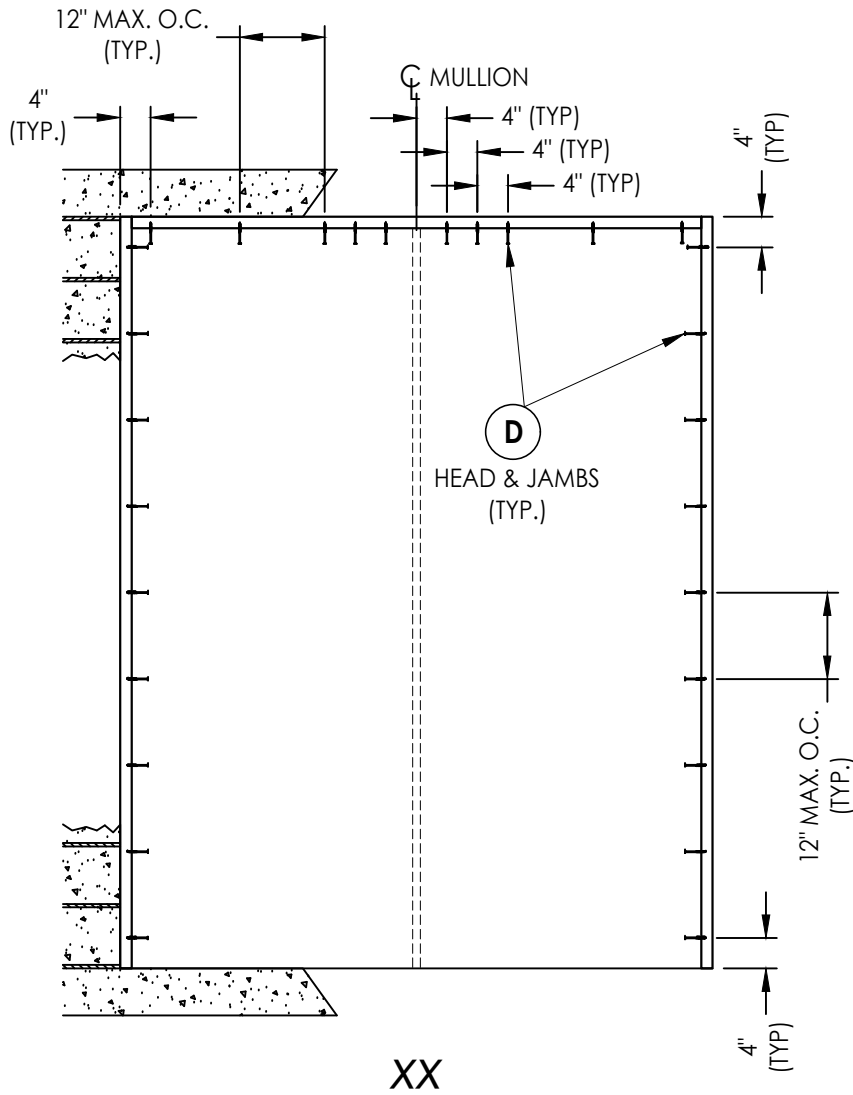
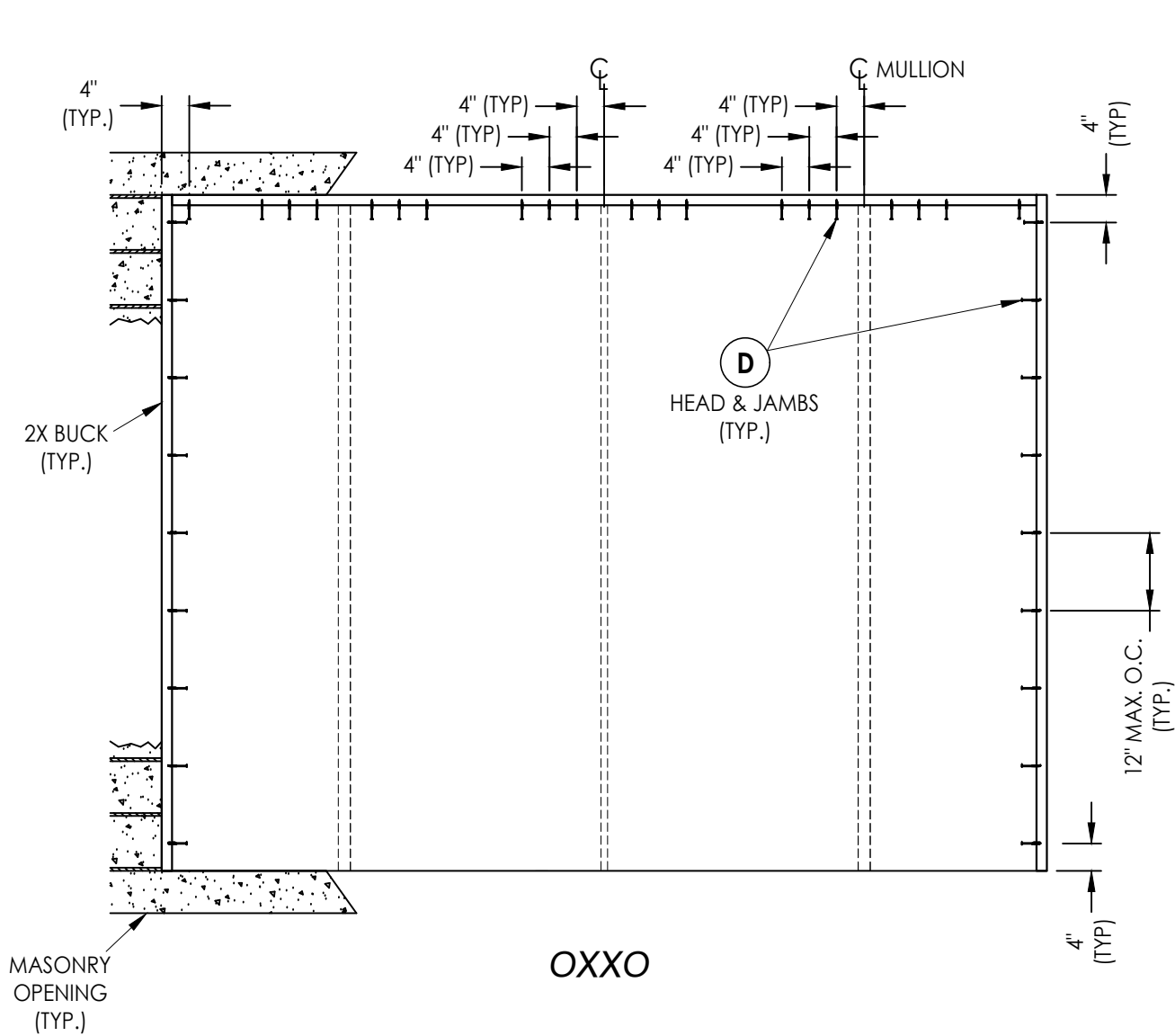
3
6 HORIZONTAL CROSS SECTION



4
6 HORIZONTAL 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 FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
		REVISIONS	
		DATE: 5/22/25	
		SCALE: N.T.S.	
		DWG. BY: LFS	
		CHK. BY: RW	
		DRAWING NO.: FL-29241.6	
		SHEET 6 OF 10	
		1 8/12/26 UPDATE TO 9TH ED. (2026) FBC	
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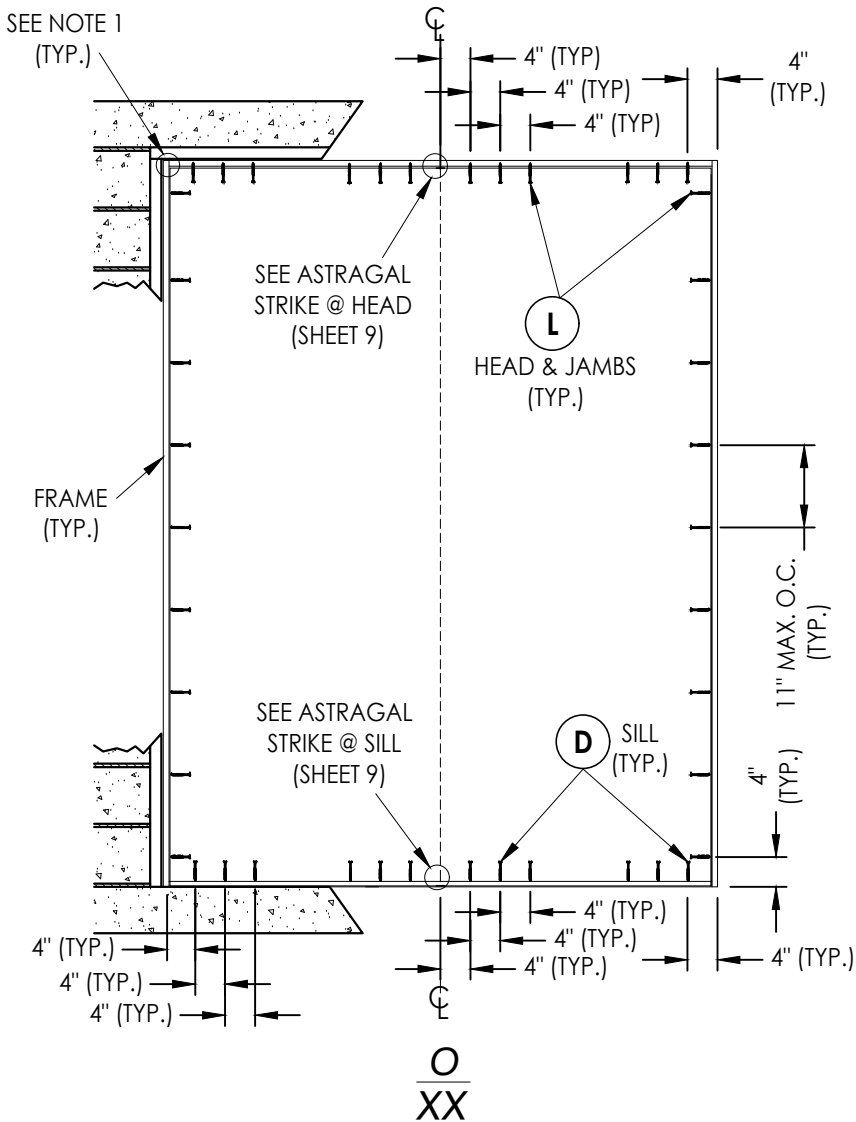
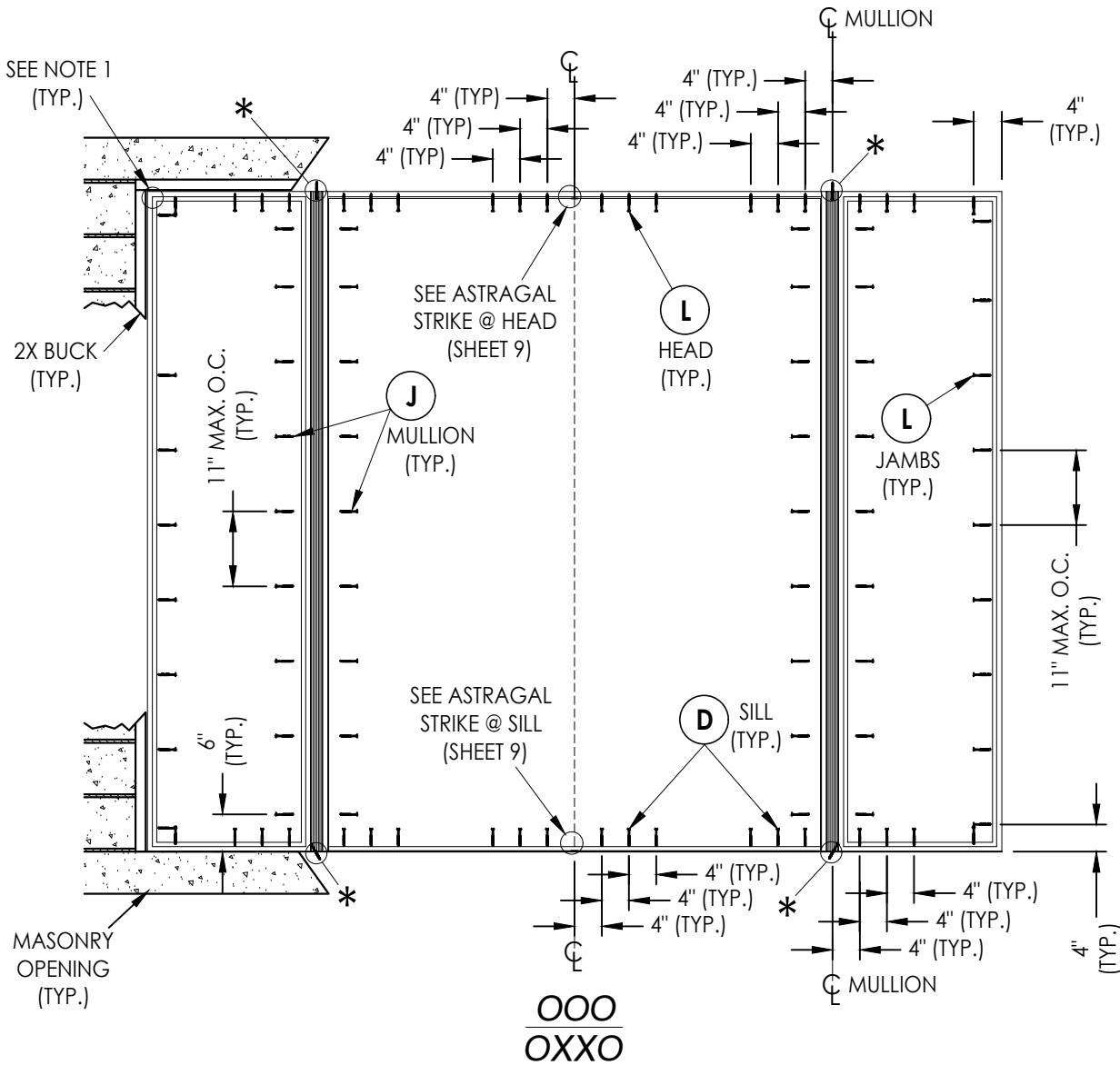
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2X BUCK ANCHORING

DATE: 5/22/25				DOCUMENTS PREPARED BY:	
SCALE: N.T.S.				Lyndon F. Schmidt	
DWG. BY: LFS				P.E. No. 43409	
CHK. BY: RW				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-29241.6					
SHEET 7 OF 10				PRODUCT: MILLWORK 360 FIBERGLASS DOOR	
				PART OR ASSEMBLY: BUCK ANCHORING	
NO.	DATE	UPDATE TO 9TH ED. (2026)	FBC	LFS	BY
1	8/12/26				
REVISIONS					

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* SEE MULLION-TO-HEAD/SILL CONNECTION DETAILS (SHEET 9)

FRAME ANCHORING

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

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FBPE Registry No. 9813

RW

PRODUCT:
MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	UPDATE TO 9TH ED. (2026)	FBC	LFS	BY
1	8/12/26				

REVISIONS

DATE: 5/22/25

SCALE: N.T.S.

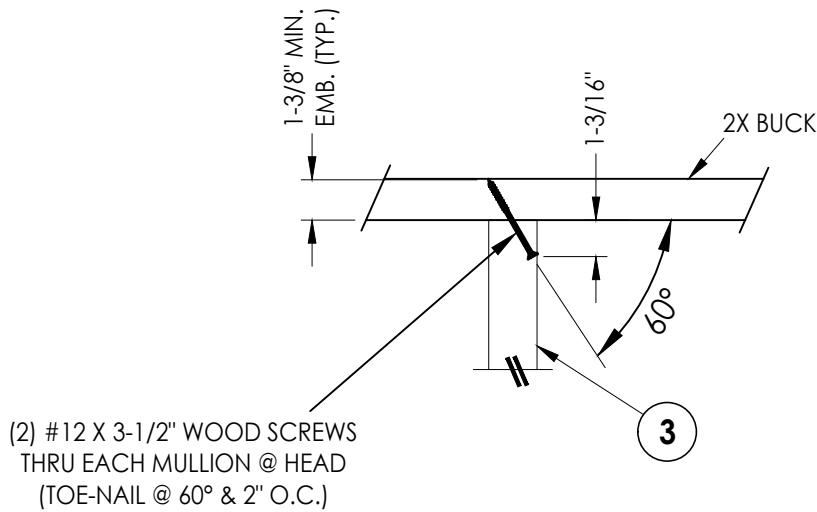
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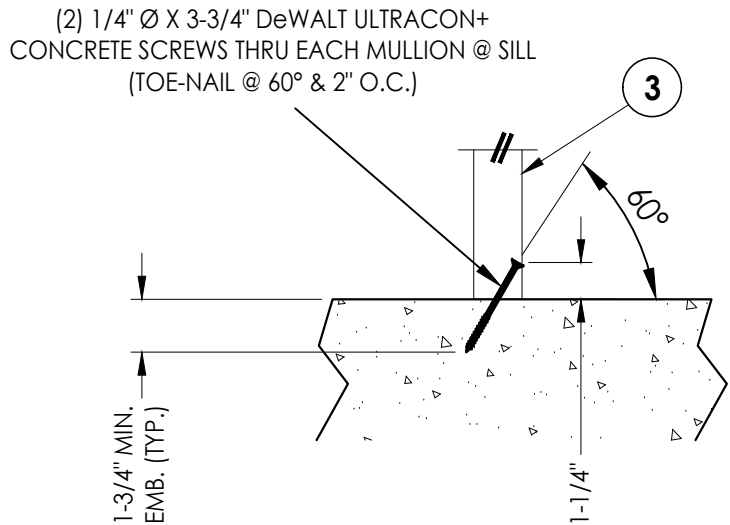
DRAWING NO.:
FL-29241.6

SHEET 8 OF 10

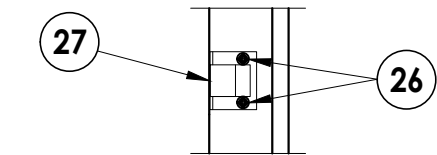
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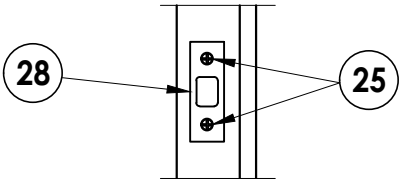
MULLION-TO-HEAD CONNECTION DETAIL



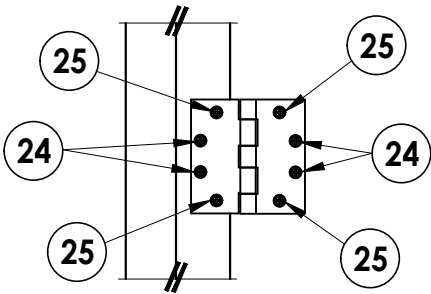
MULLION-TO-SILL CONNECTION DETAIL



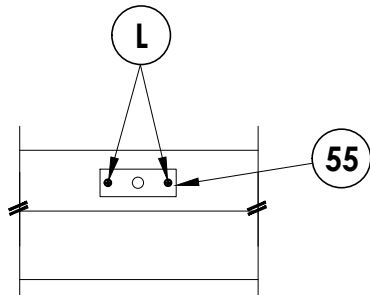
ROLLER LATCH STRIKE PLATE DETAIL



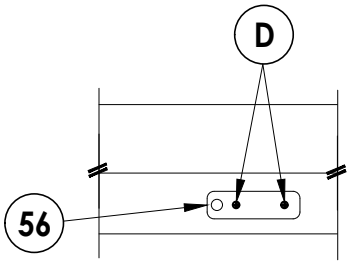
DEADBOLT STRIKE PLATE DETAIL



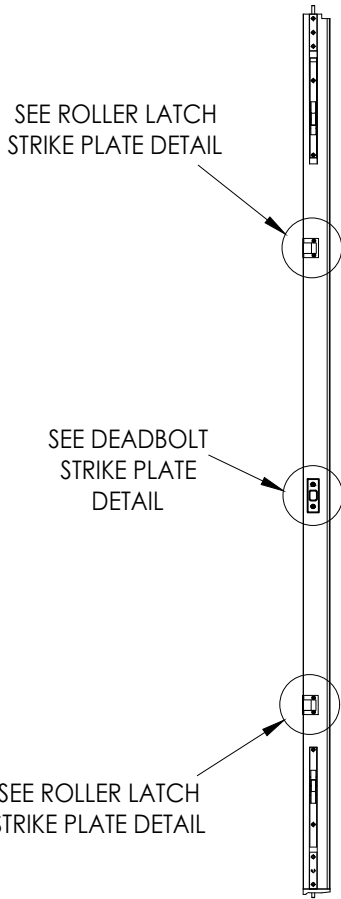
HINGE DETAIL



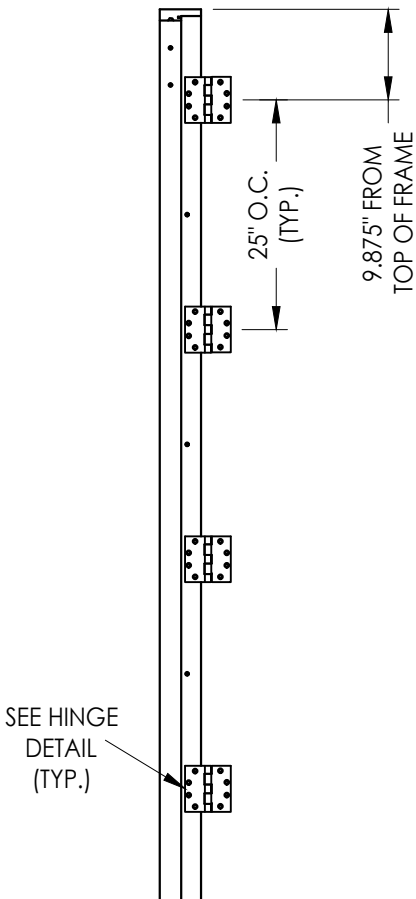
ASTRAGAL STRIKE
@ HEAD



ASTRAGAL STRIKE
@ SILL



ASTRAGAL



HINGE JAMB

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: MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
HARDWARE & MULLION
CONNECTION DETAILS

NO.	DATE	REVISIONS	BY
1	8/12/26	UPDATE TO 9TH ED. (2026) FBC	LFS

DATE: 5/22/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

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SHEET 9 OF 10

