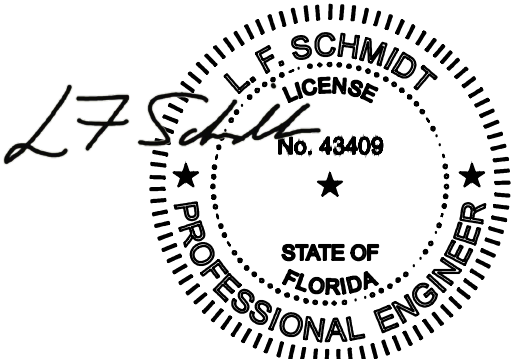
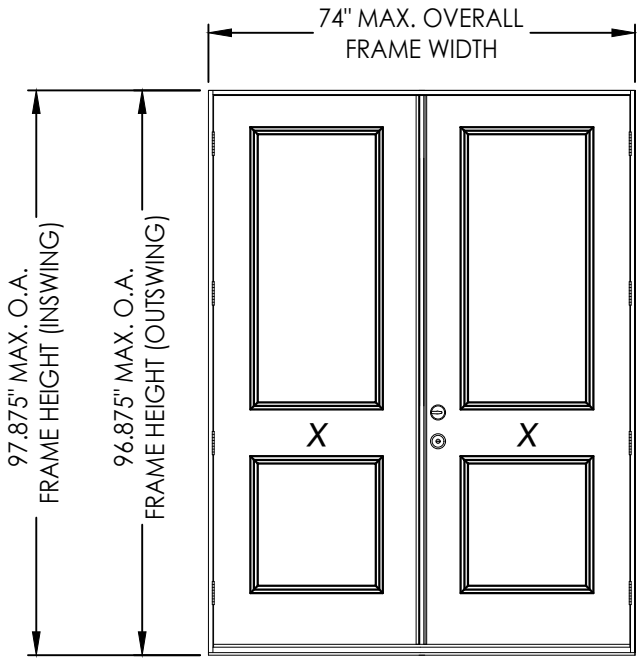


FIBERGLASS OPAQUE
DOUBLE DOOR
w/ or w/out SIDELITES
INSWING/OUTSWING
"IMPACT"

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.

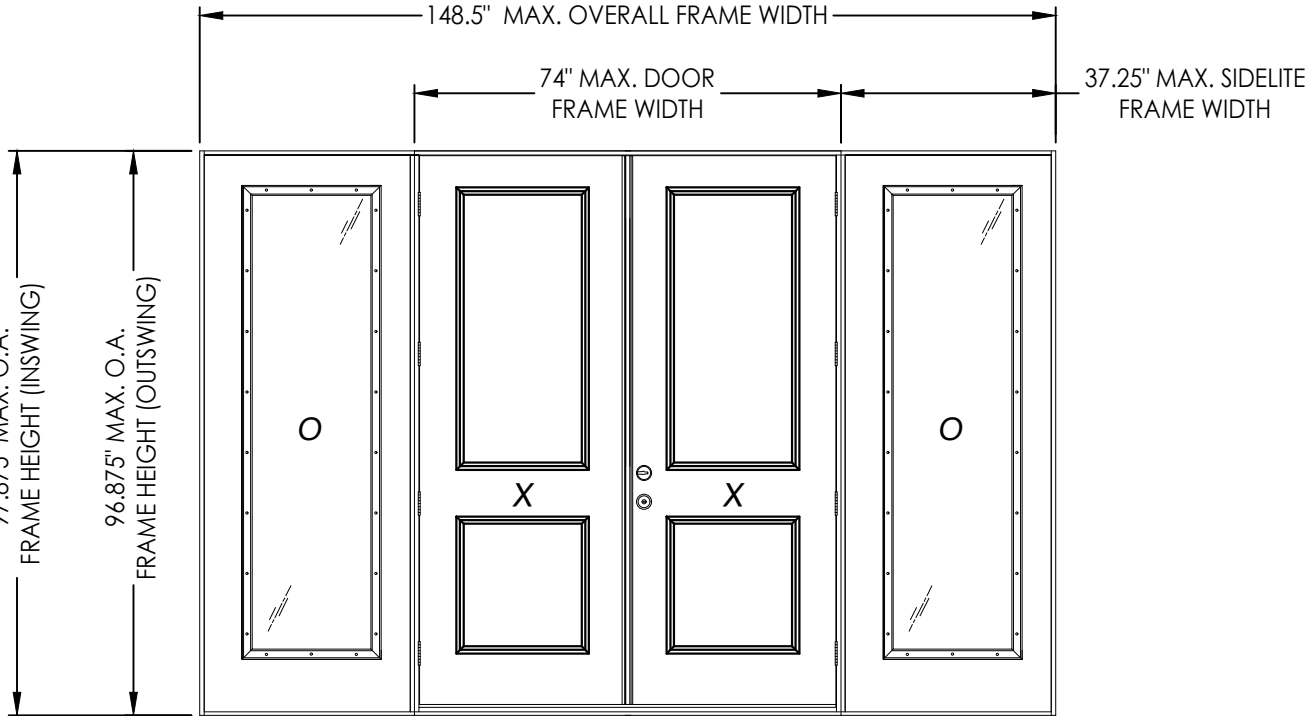
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Vertical Cross Sections (Thresholds)
8	Buck Anchoring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



Digitally signed by Lyndon F Schmidt
Date: 2026.08.12 09:19:06 -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.

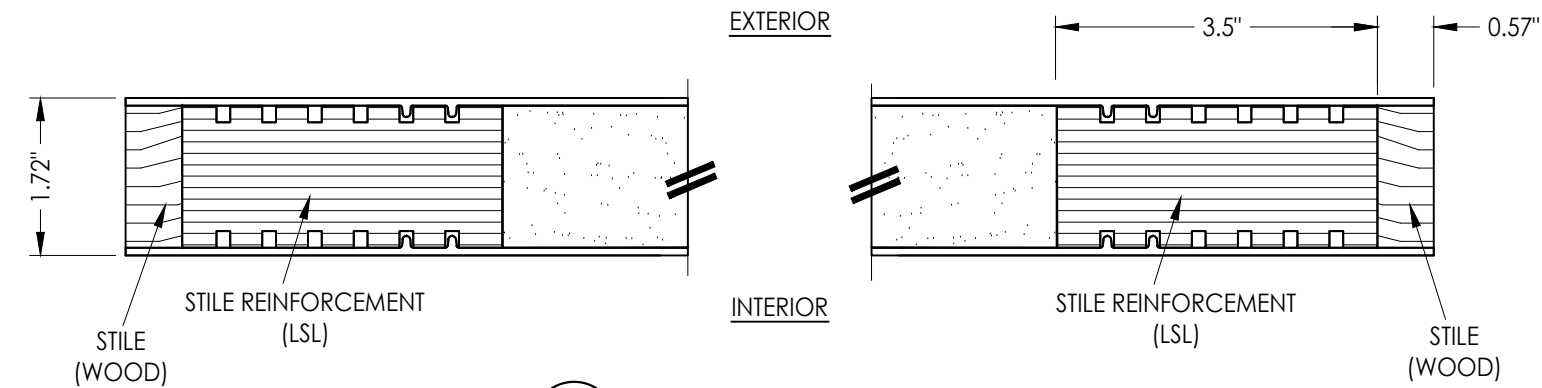
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



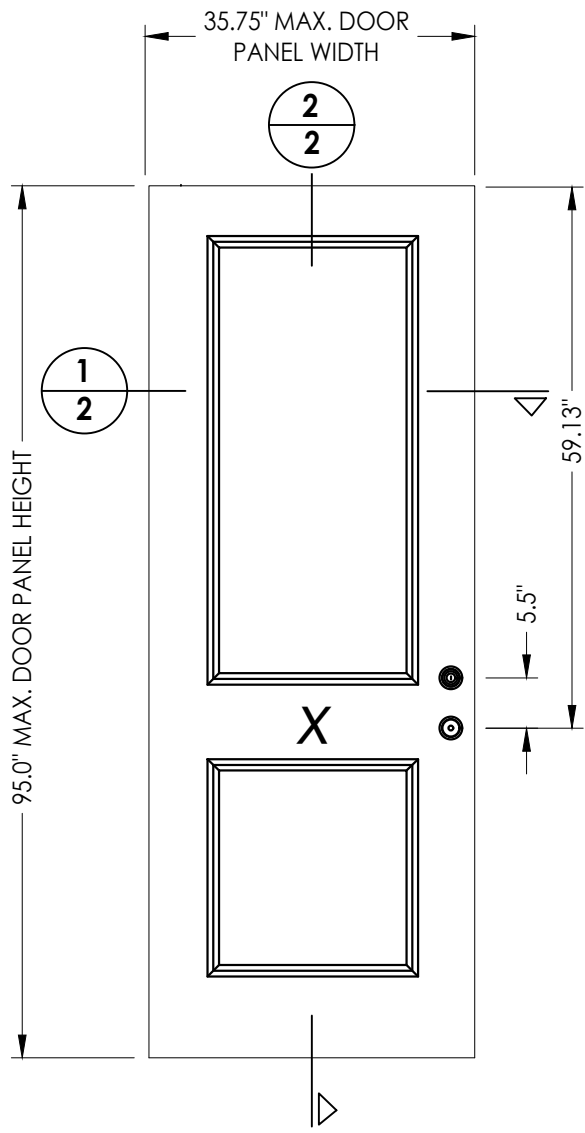
CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX, OXXO	+35.0	-40.0	+50.0	-50.0

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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
3	8/12/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC & UPDATE IMPACT LITE FRAME	LFS
NO.	DATE	REVISIONS	
DATE: 3/24/20		SCALE: N.T.S.	
DWG. BY: TRJ		CHK. BY: LFS	
DRAWING NO.: FL-29241.4		SHEET 1 OF 11	

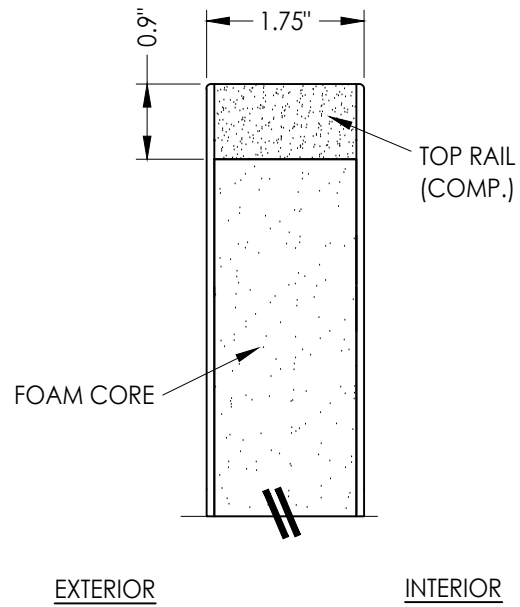
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1
2 **HORIZONTAL CROSS SECTION**



FIBERGLASS DOOR SKIN: 0.095" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.



2
2 **VERTICAL CROSS SECTION**

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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:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
3	8/12/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC LFS
		& UPDATE IMPACT LITE FRAME
NO.	DATE	BY

DATE: 3/24/20

SCALE: N.T.S.

DWG. BY: TRJ

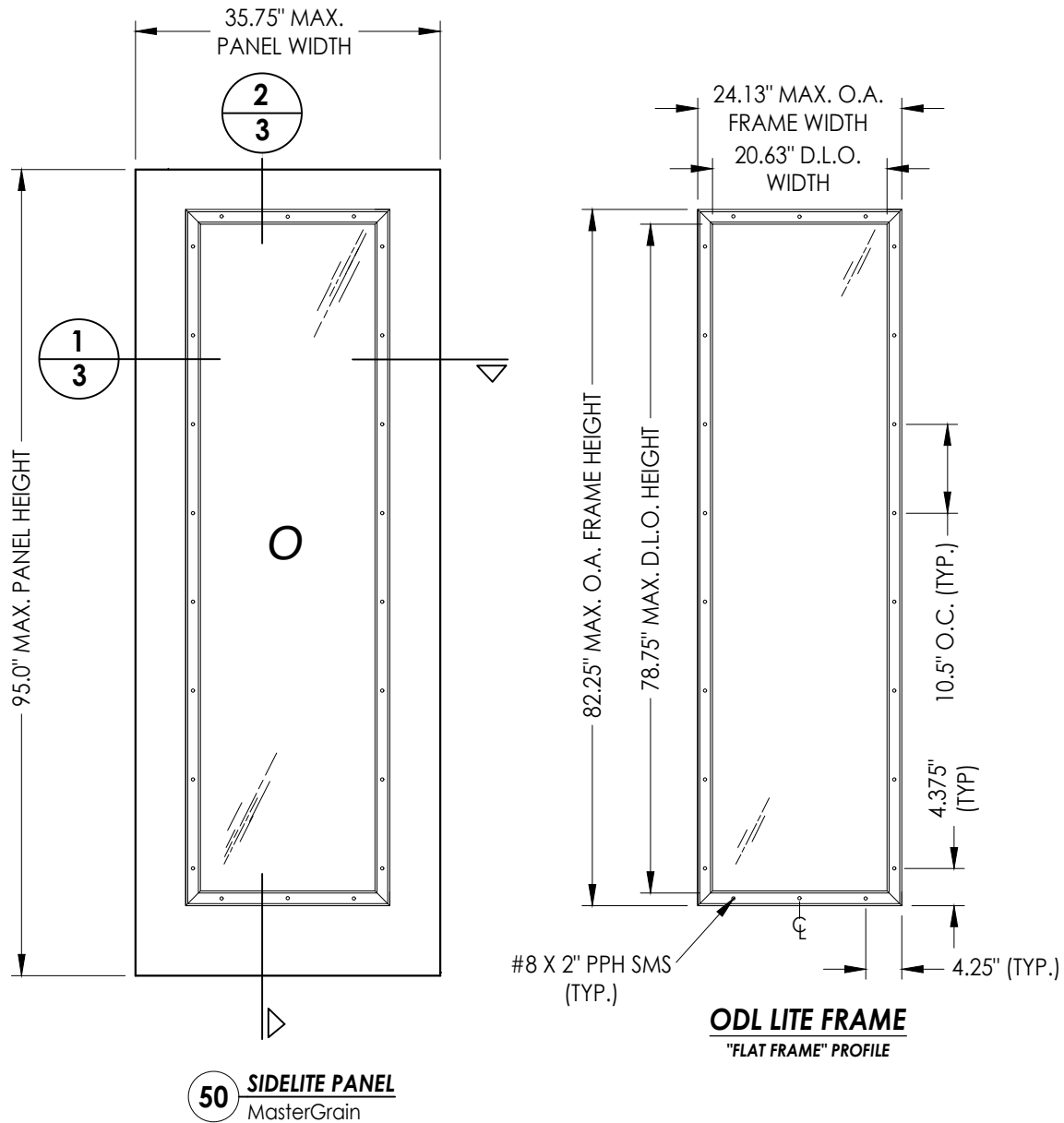
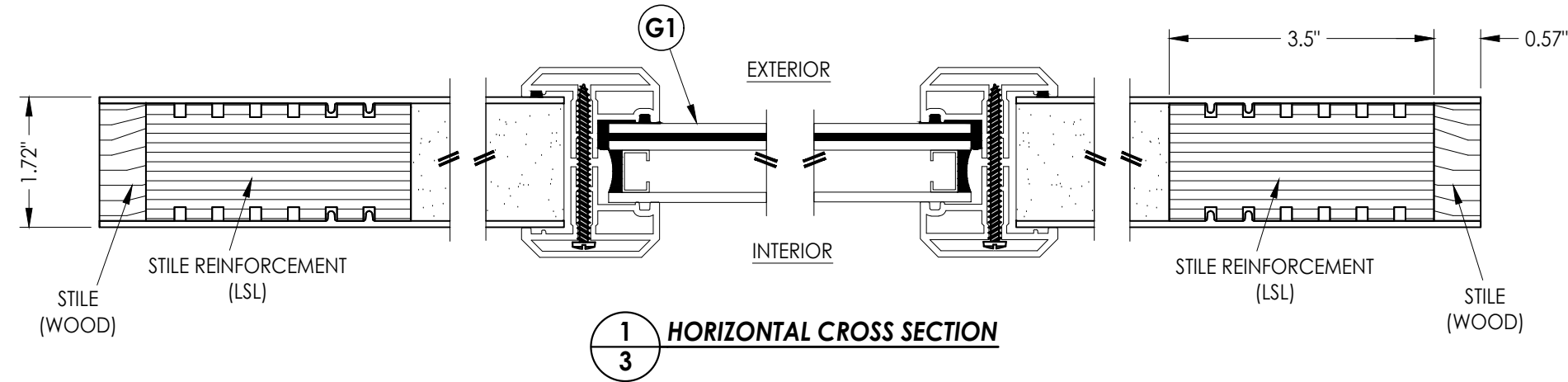
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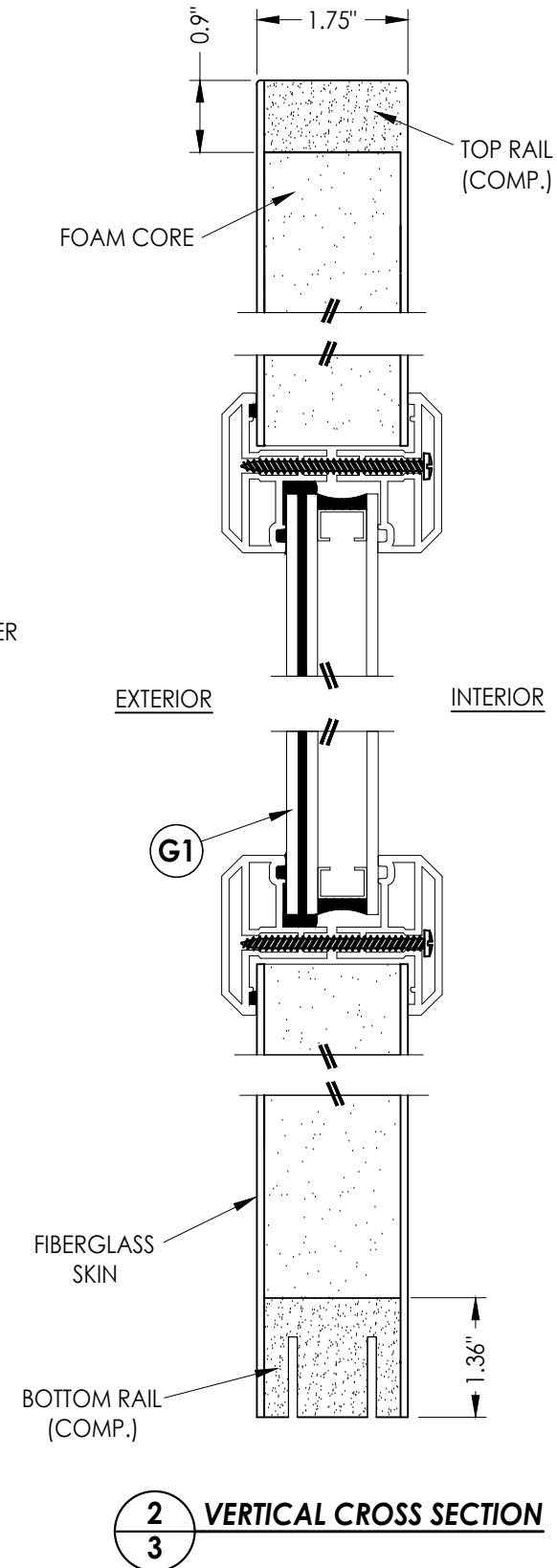
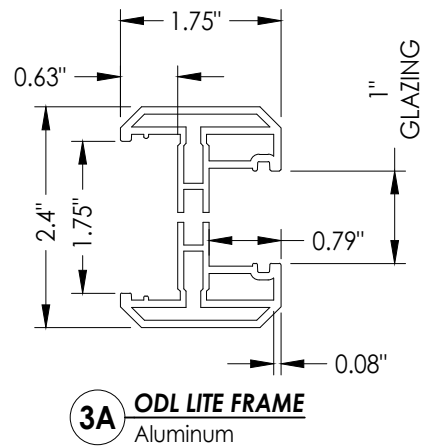
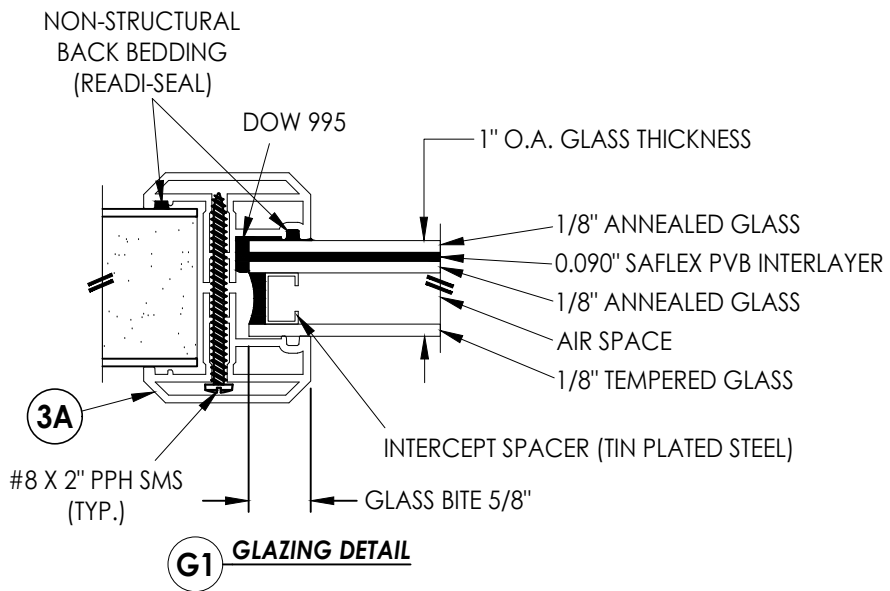
FL-29241.4

SHEET 2 OF 11

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FIBERGLASS SIDELITE SKIN: 0.095" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.



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

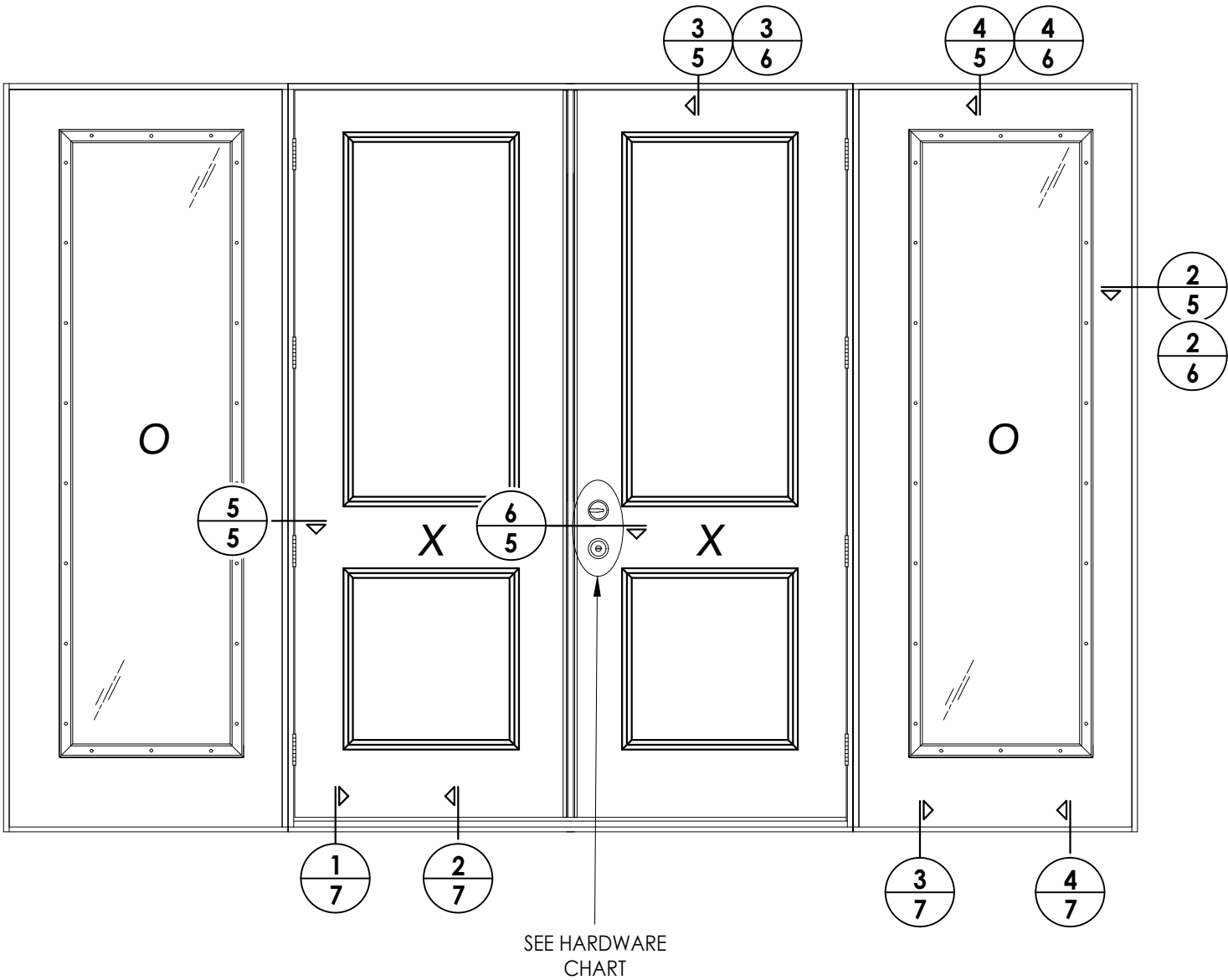
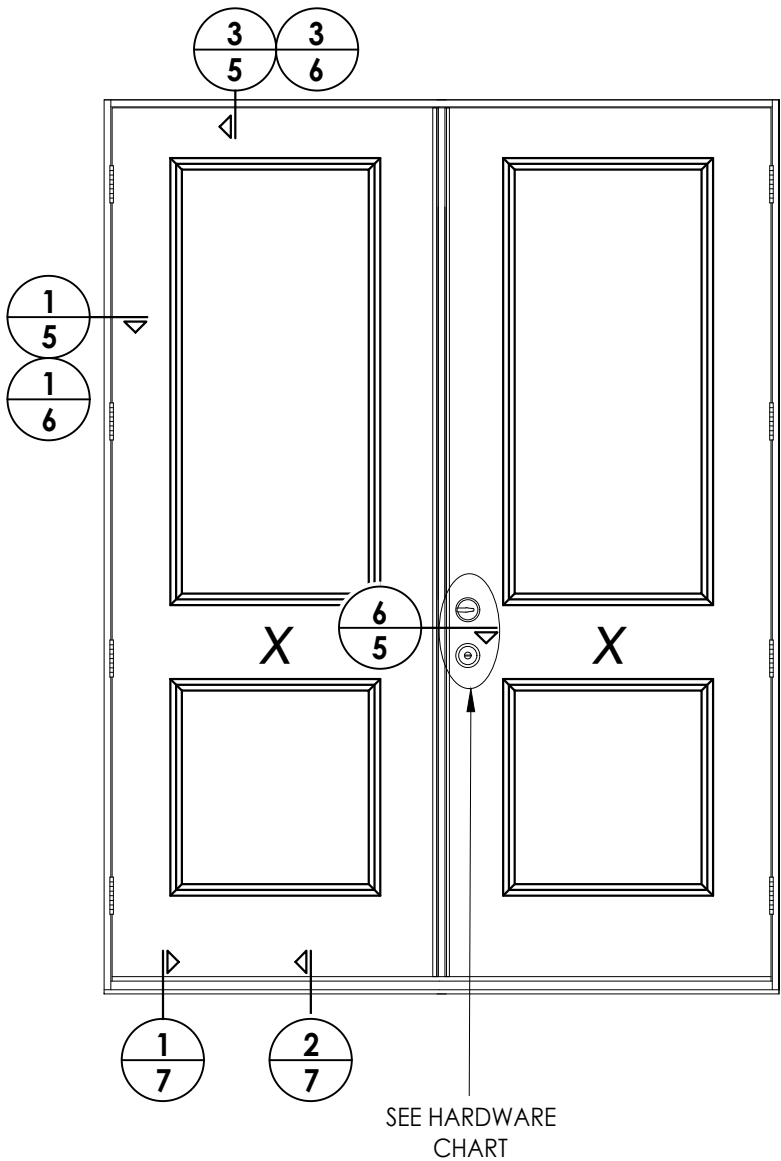
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

					REVISIONS	
					NO.	DATE
3	8/12/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
2	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
1	9/21/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
		& UPDATE IMPACT LITE FRAME				
DATE: 3/24/20						
SCALE: N.T.S.						
DWG. BY: TRJ						
CHK. BY: LFS						
DRAWING NO.: FL-29241.4						
SHEET 3 OF 11						

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HARDWARE TABLE	
MANUFACTURER	MODEL
PAMEX	Knob: FLU600 Deadbolt: FD261
Kwikset	Knob: SIGNATURE SERIES Deadbolt: SIGNATURE SERIES (980)
Schlage	Knob: F51 Deadbolt: B60N

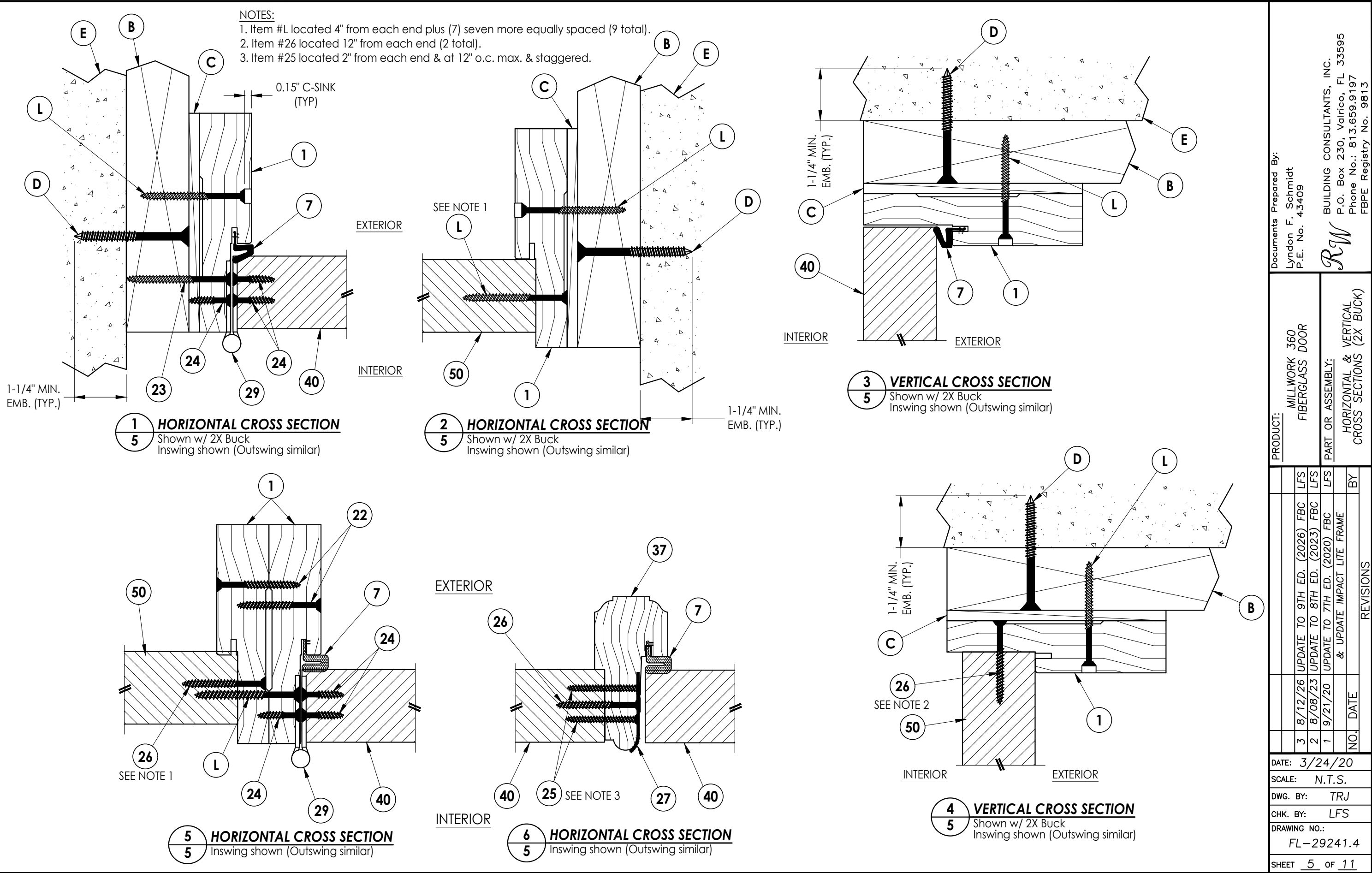
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		NO.	DATE
3	8/12/26 UPDATE TO 9TH ED. (2026) FBC	LFS	
2	8/08/23 UPDATE TO 8TH ED. (2023) FBC	LFS	
1	9/21/20 UPDATE TO 7TH ED. (2020) FBC & UPDATE IMPACT LITE FRAME	LFS	
		BY	

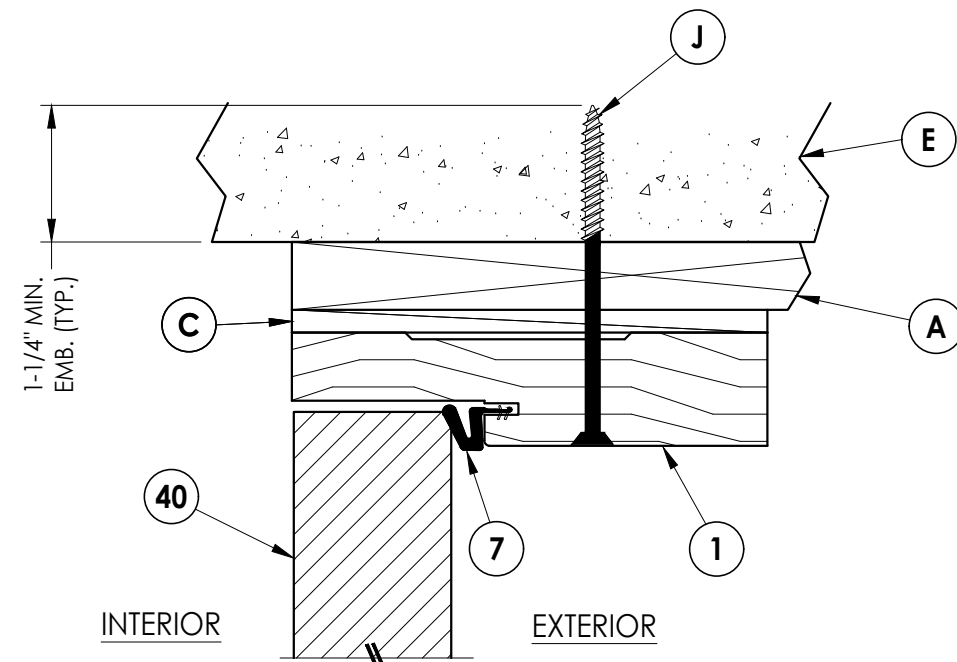
DATE: 3/24/20
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-29241.4
SHEET 4 OF 11

PRODUCT: MILLWORK 360
FIBERGLASS DOOR
PART OR ASSEMBLY: ELEVATIONS

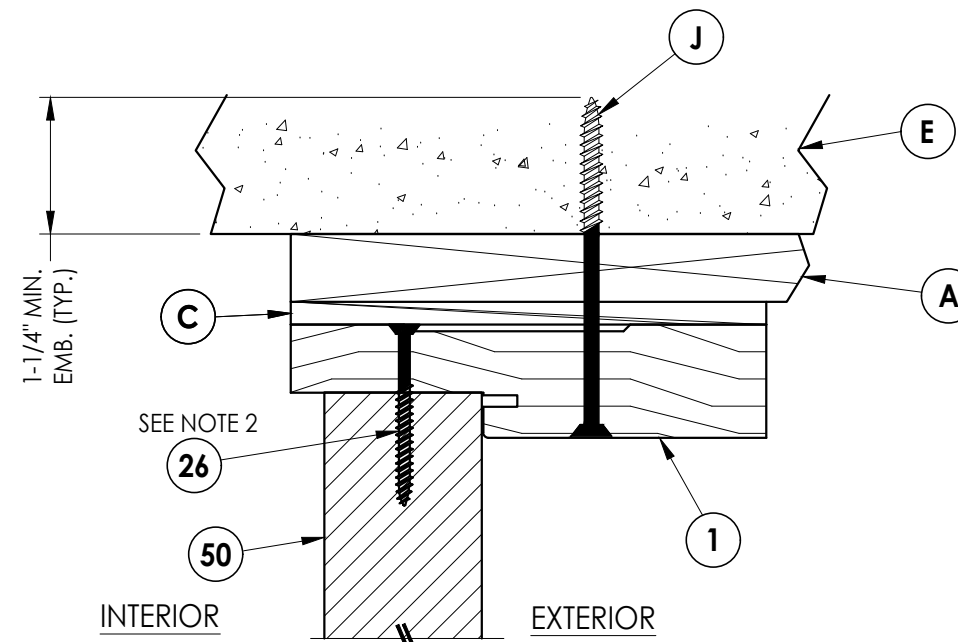
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
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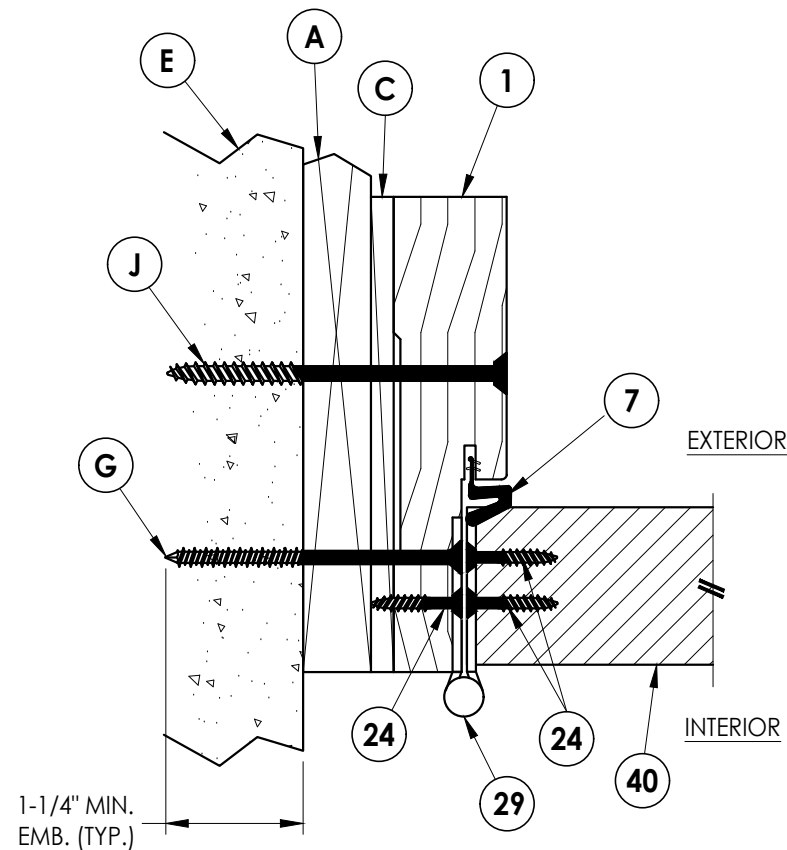




3 **VERTICAL CROSS SECTION**
6 Shown w/ 1X sub-buck
 Inswing shown (Outswing similar)

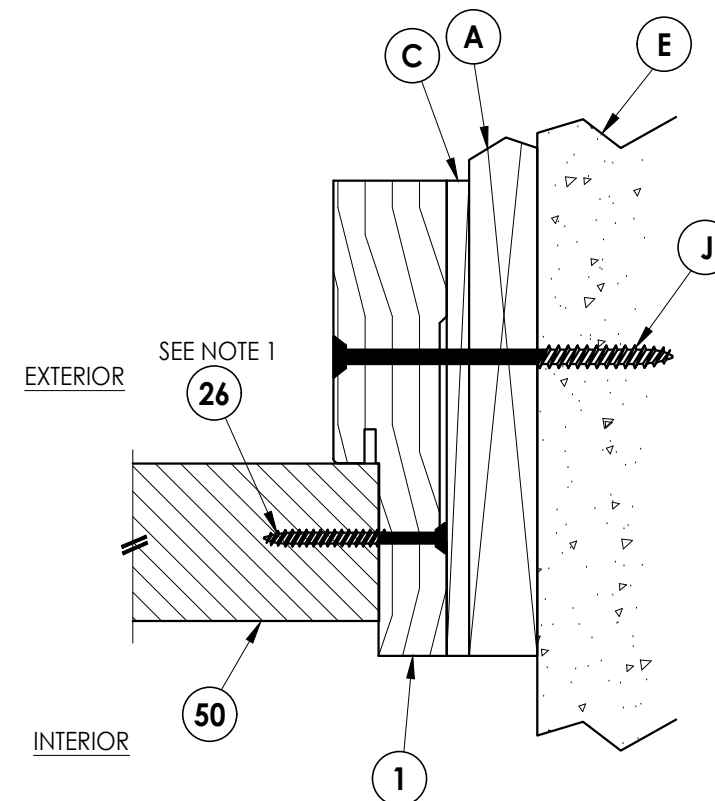


4 **VERTICAL CROSS SECTION**
6 Shown w/ 1X sub-buck
 Inswing shown (Outswing similar)



1 6 **HORIZONTAL CROSS SECTION**

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



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

NOTE:

1. Item #26 located 4" from each end then 7 more equally spaced (9 total).
2. Item #26 located 12" from each end (2 total).

[illegible]

DATE: 3/24/20

SCALE: N.T.S.

DWG. BY: *TRJ*

CHK. BY: LFS

DRAWING NO.:

FL-29241.4

SHEET 6 OF 11

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

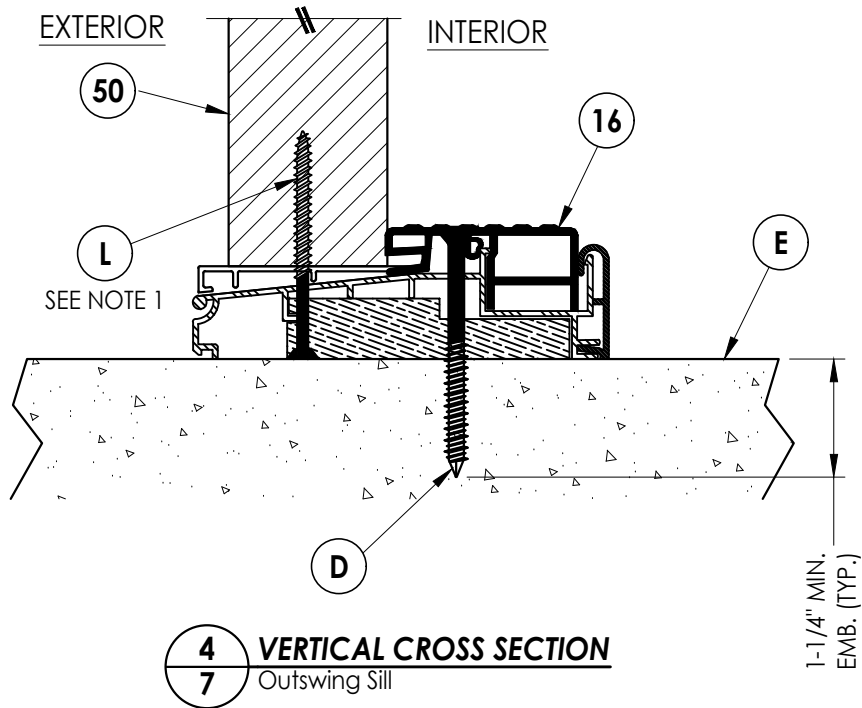
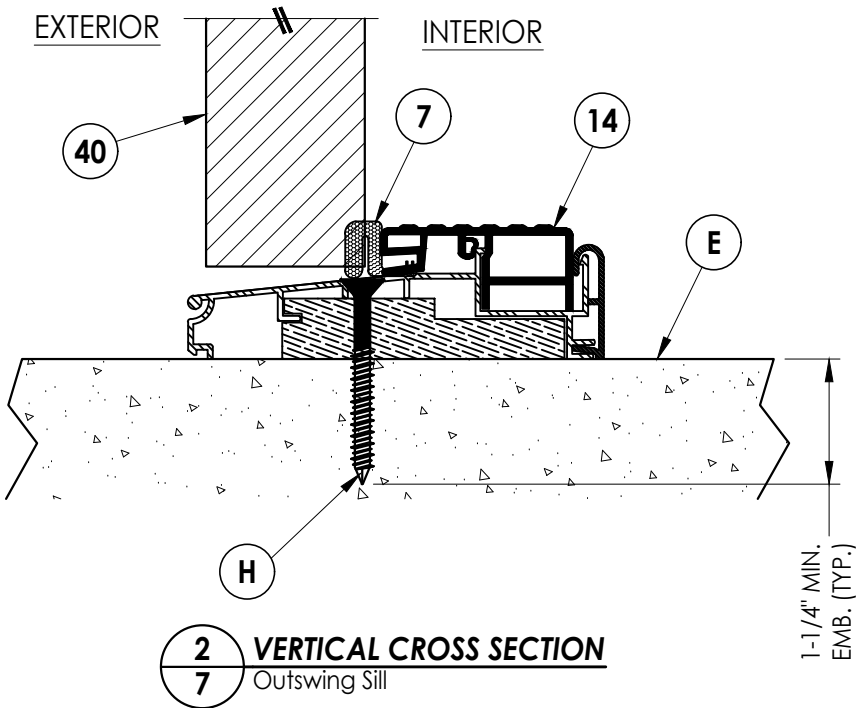
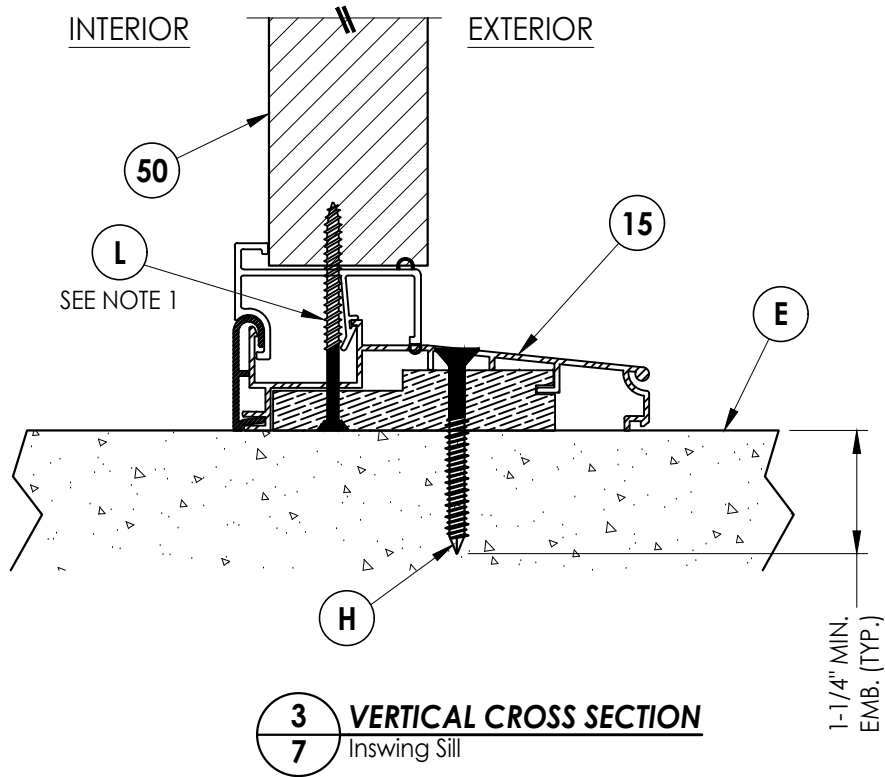
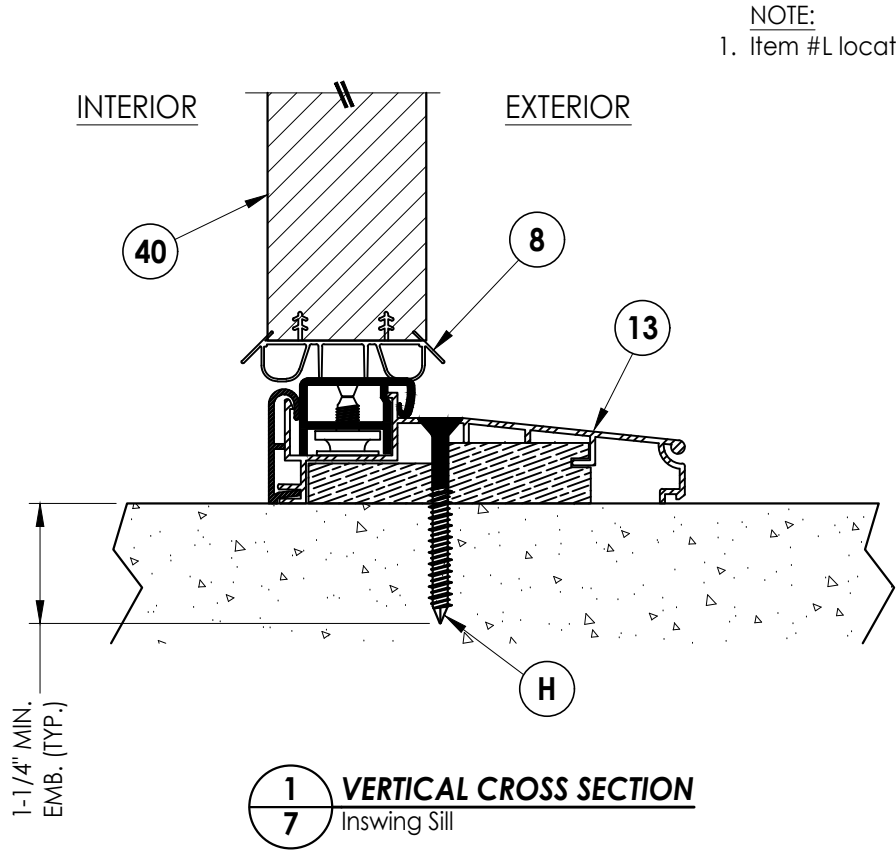
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)**

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

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

NO.	DATE	REVISIONS			
		BY	DATE	DESCRIPTION	DATE
3	8/12/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
2	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
1	9/21/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
		& UPDATE IMPACT LITE FRAME			

DATE: 3/24/20

SCALE: N.T.S.

DWG. BY: TRJ

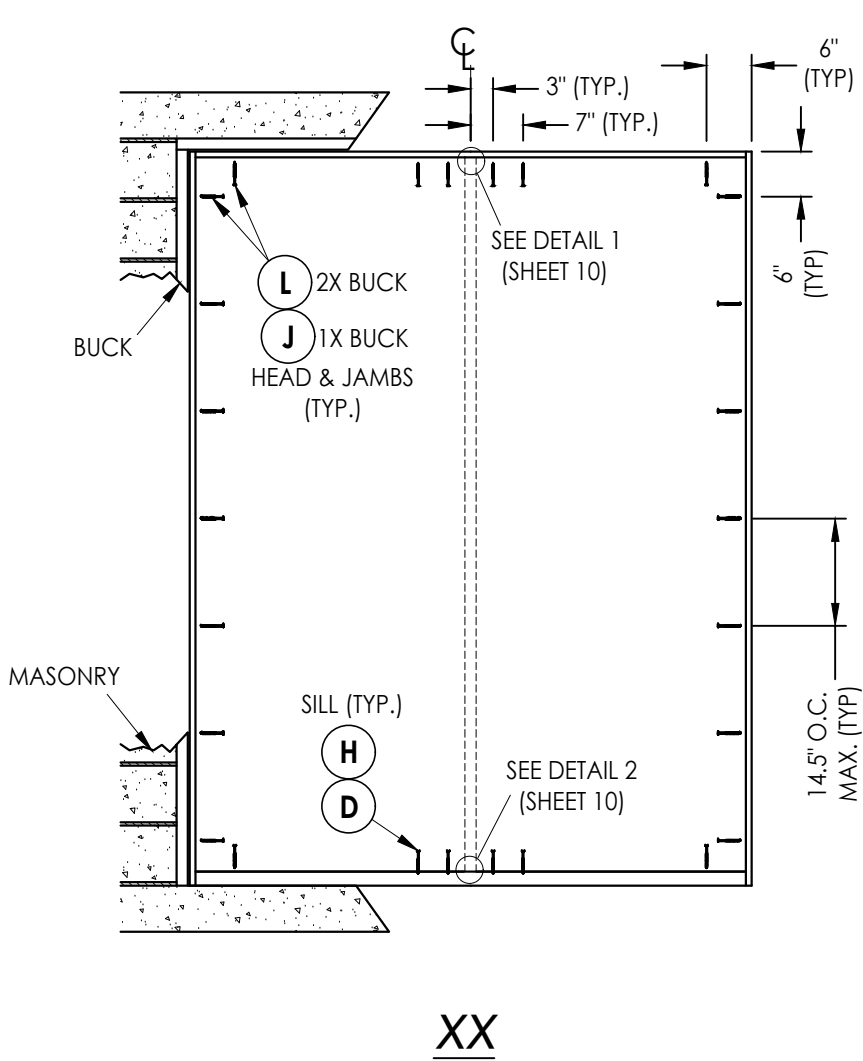
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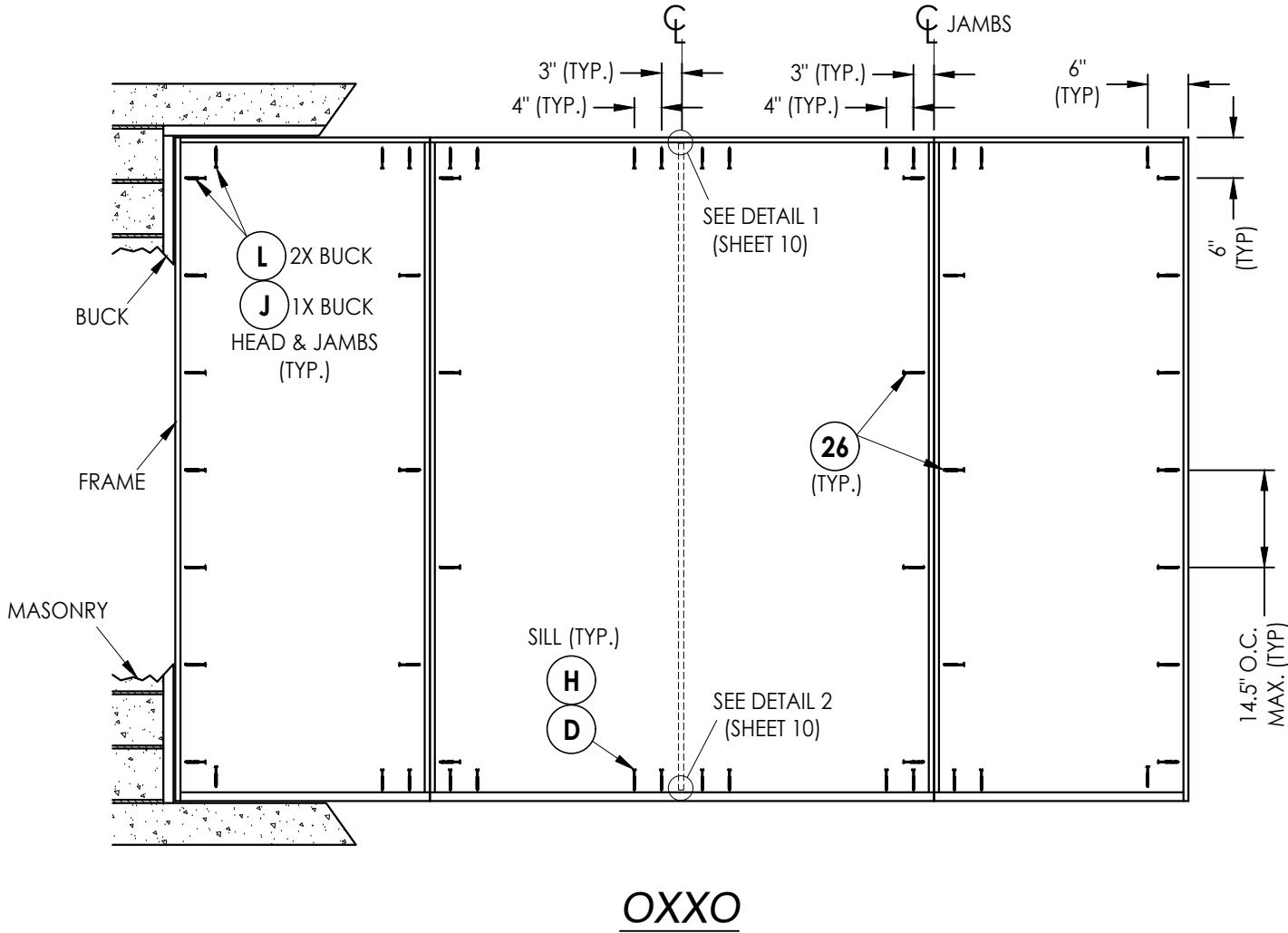
FL-29241.4

SHEET 7 OF 11

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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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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:
FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
3	8/12/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC LFS
		& UPDATE IMPACT LITE FRAME
NO.	DATE	BY

DATE: 3/24/20

SCALE: N.T.S.

DWG. BY: TRJ

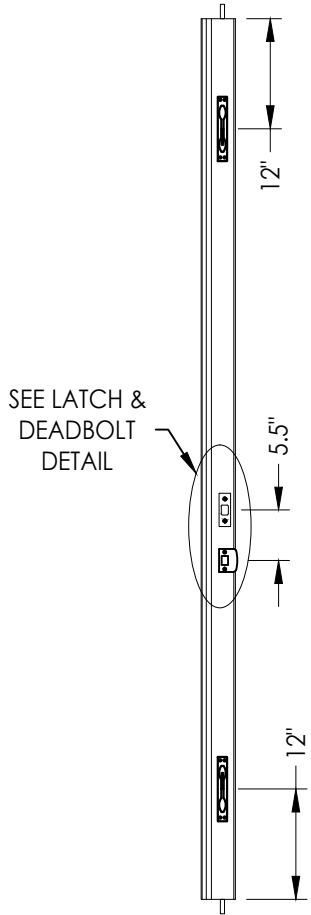
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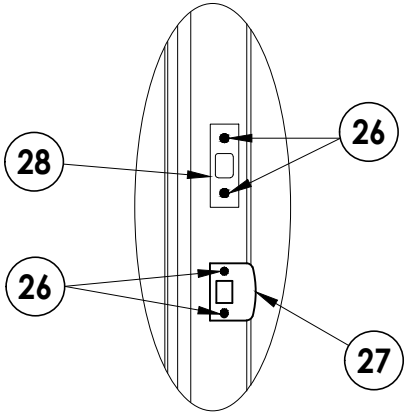
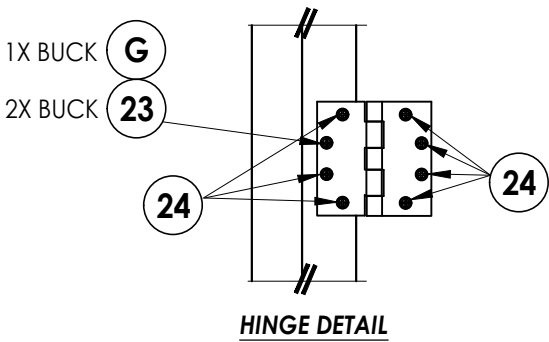
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SHEET 9 OF 11

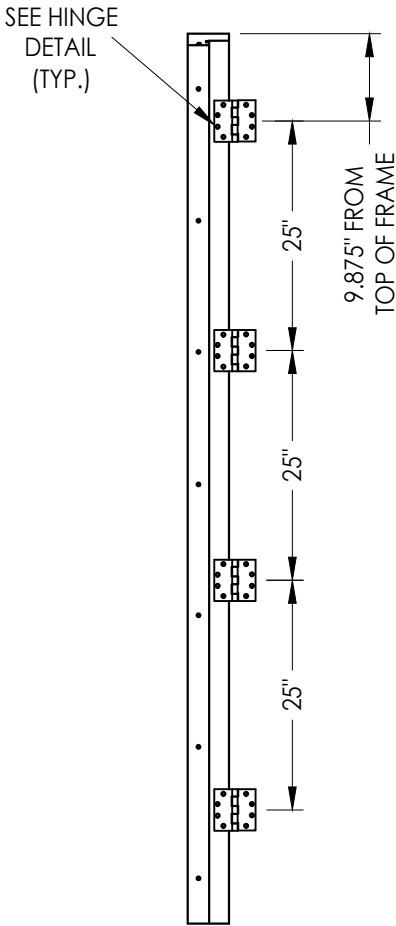
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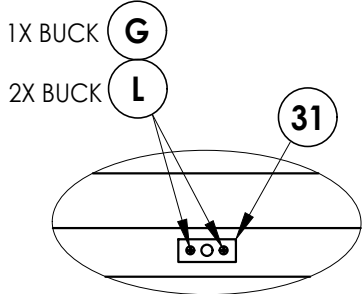
WOOD ASTRAGAL



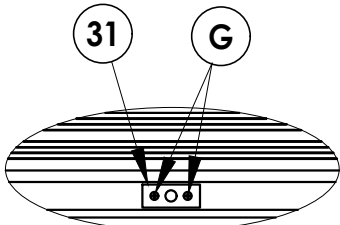
LATCH AND DEADBOLT DETAIL



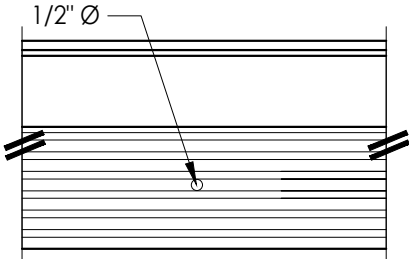
HINGE JAMB



DETAIL 1
Astragal Strike Plate @ Head



DETAIL 2
Astragal @ Sill (Inswing)



DETAIL 2
Astragal @ Sill (Outswing)

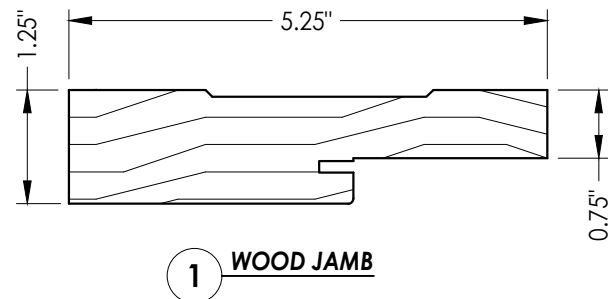
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
PRODUCT: MILLWORK 360 FIBERGLASS DOOR			PART OR ASSEMBLY: HARDWARE DETAILS		
3	8/12/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	9/21/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
		& UPDATE IMPACT LITE FRAME			
NO.	DATE			BY	
REVISIONS					
DATE: 3/24/20					
SCALE: N.T.S.					
DWG. BY: TRJ					
CHK. BY: LFS					
DRAWING NO.: FL-29241.4					
SHEET 10 OF 11					

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
1	WOOD JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
13	INSWING ADJUSTABLE THRESHOLD	ALUM/COMP
14	OUTSWING BUMP THRESHOLD	ALUM/COMP
15	INSWING THRESHOLD (w/ SIDELITE ADAPTER)	ALUM/COMP
16	OUTSWING THRESHOLD (w/ SIDELITE ADAPTER)	ALUM/COMP
23	#12 X 2-1/2" PFH WOOD SCREW	STEEL
24	#12 X 1" PFH WOOD SCREW	STEEL
25	#8 X 1-1/2" PFH WOOD SCREW	STEEL
26	#10 X 2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4.5" X 4.5" HINGE	STEEL
31	ASTRAGAL STRIKE PLATE	STEEL
37	WOOD ASTRAGAL	WOOD
40	DOOR PANEL	-
50	SIDELITE PANEL	-

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

CONCRETE ANCHOR NOTES:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"



Documents Prepared By: