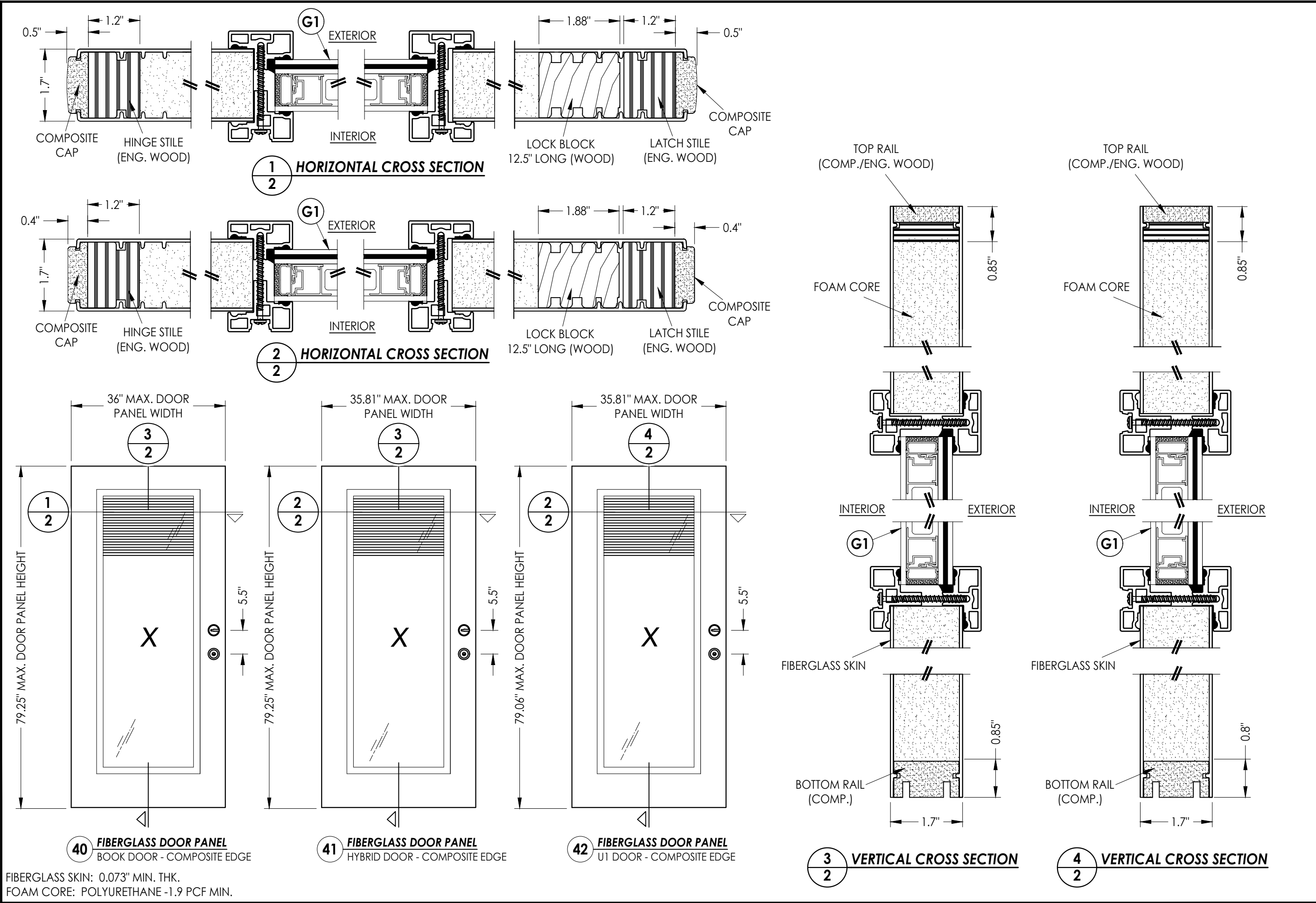


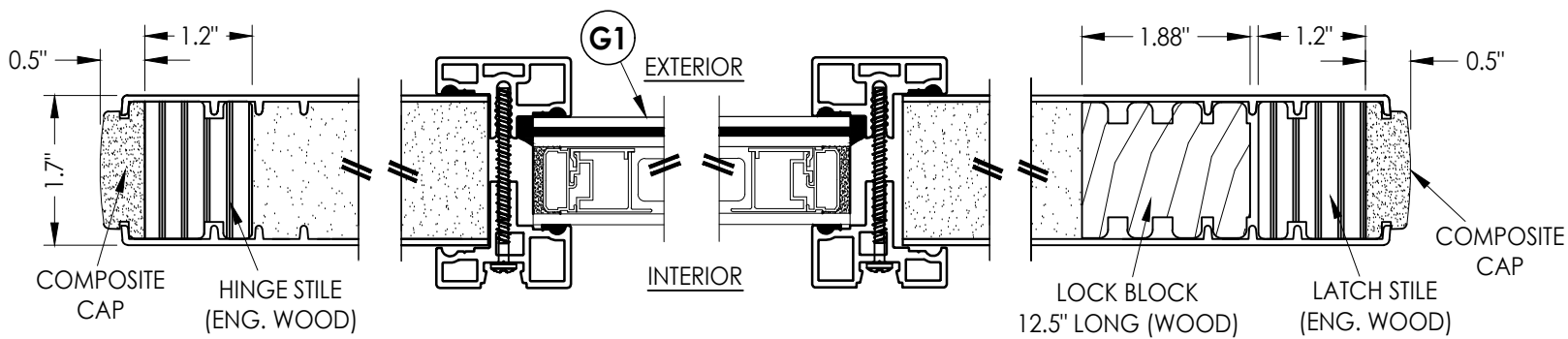
THERMA TRU®
DOORS

Z:\2023 FBC Drawings\Therma-Tru\FL-37183 R2\FL-37183.4-6.dwg

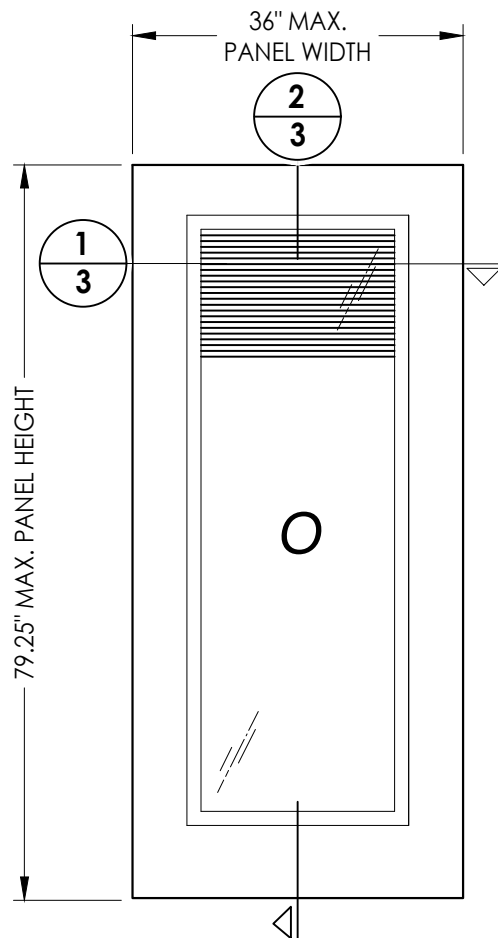


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
		LFS	BY
		UPDATE TO 9TH ED. (2026) FBC	
		UPDATE TO 8TH ED. (2023) FBC	
		NO. DATE	
		REVISIONS	
DATE: 5/25/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-37183.5			
SHEET 2 OF 13			

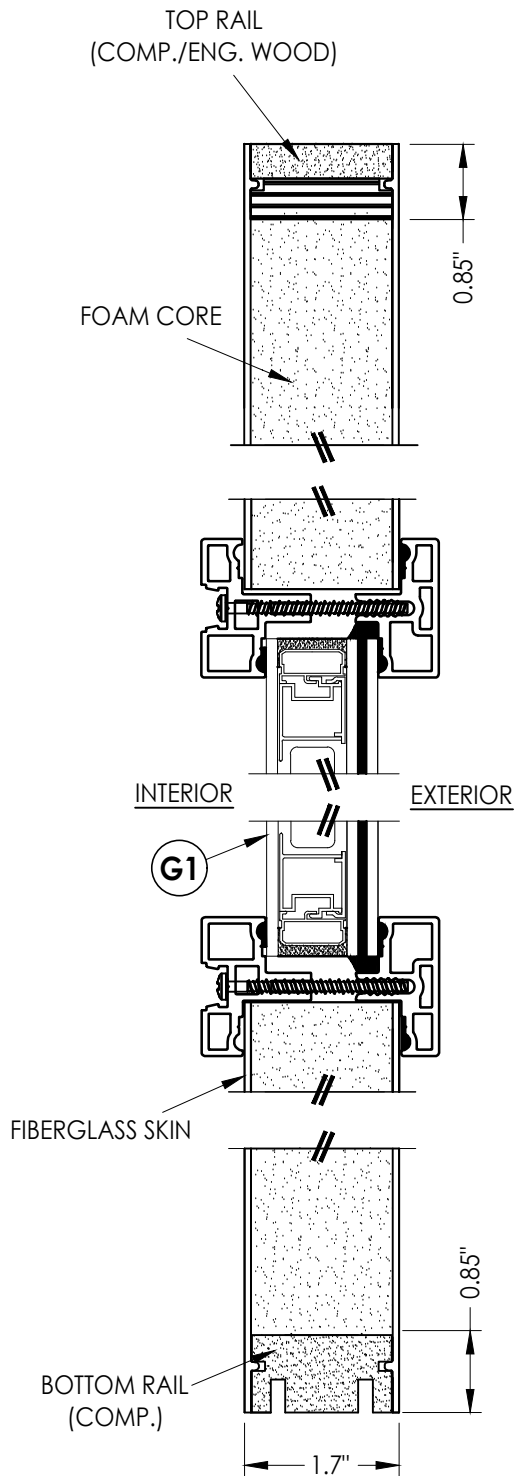
Z:\2023 FBC Drawings\Therma-Tru\FL-37183 R2\FL-37183.4-6.dwg



1
3 HORIZONTAL CROSS SECTION



50 FIBERGLASS SIDELITE PANEL
COMPOSITE EDGE



2
3 VERTICAL CROSS SECTION

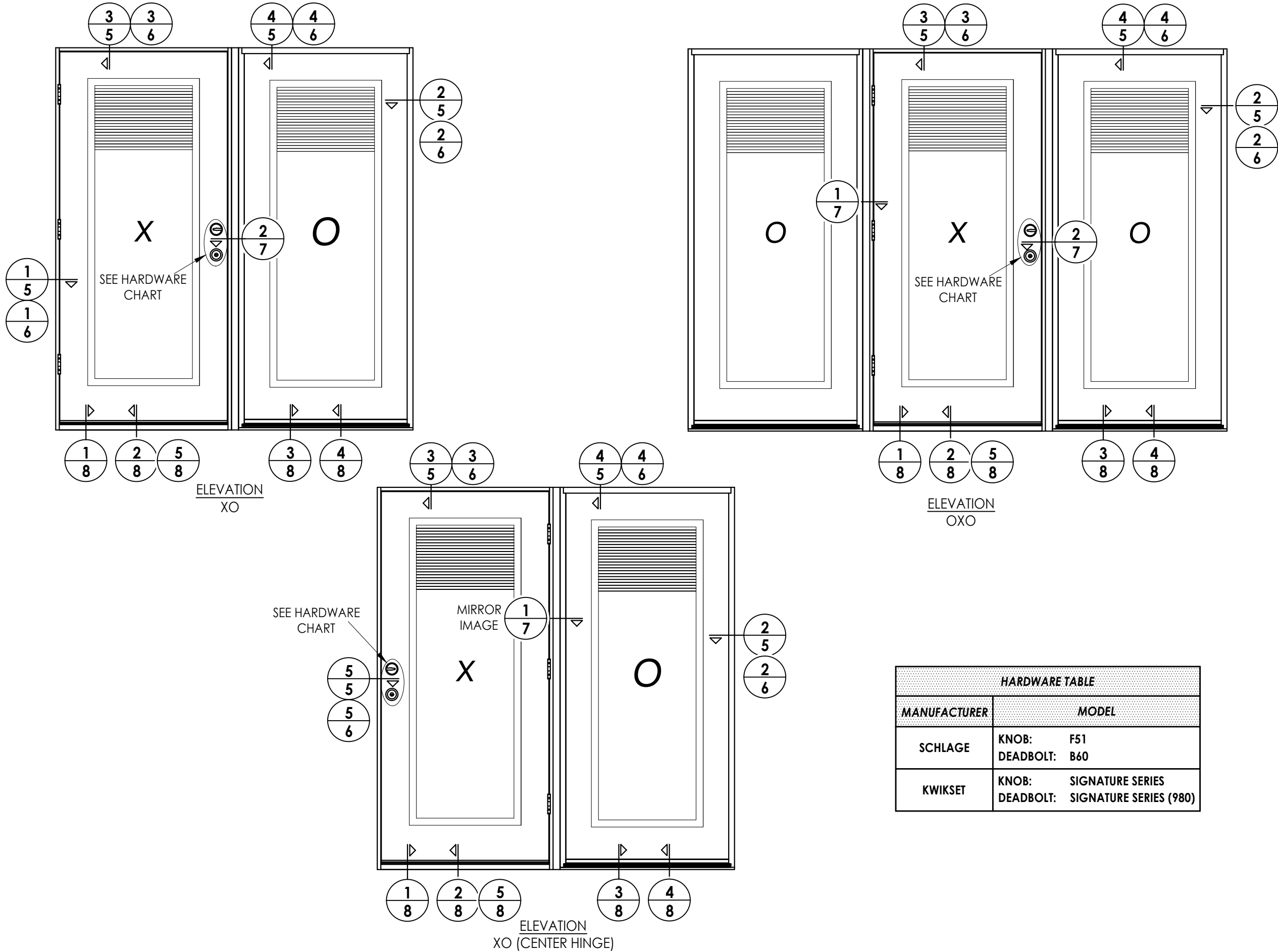
FIBERGLASS SKIN: 0.073" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.

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:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
NO.	DATE	REVISIONS	
		LFS	BY
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC
1	7/27/23	DATE	BY
DATE:		5/25/21	
SCALE:		N.T.S.	
DWG. BY:		RW	
CHK. BY:		LFS	
DRAWING NO.:		FL-37183.5	
SHEET		3 OF 13	

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HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)

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

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

DATE: 5/25/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-37183.5

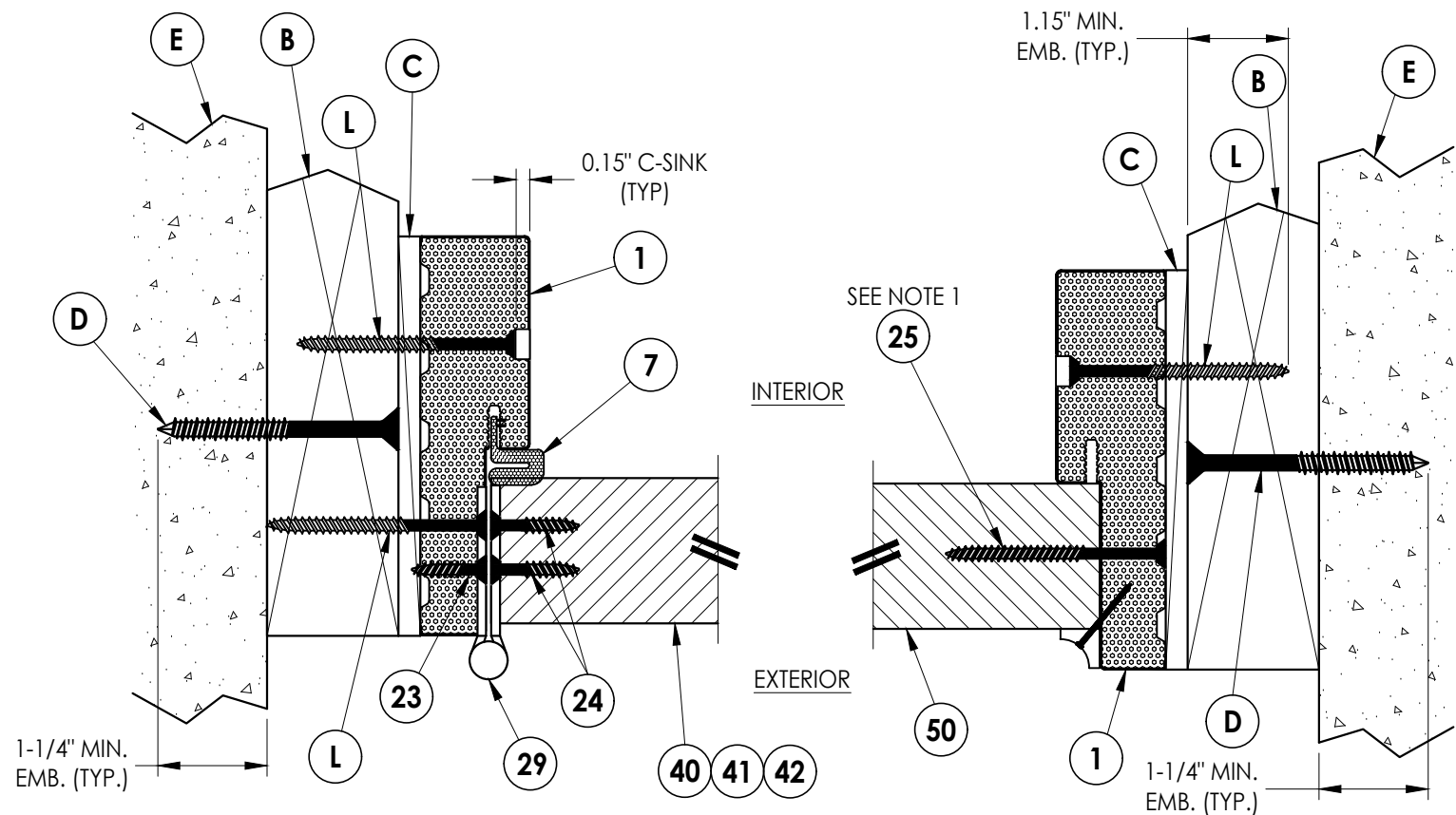
SHEET 4 OF 13

REVISIONS

2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
NO.	DATE			BY

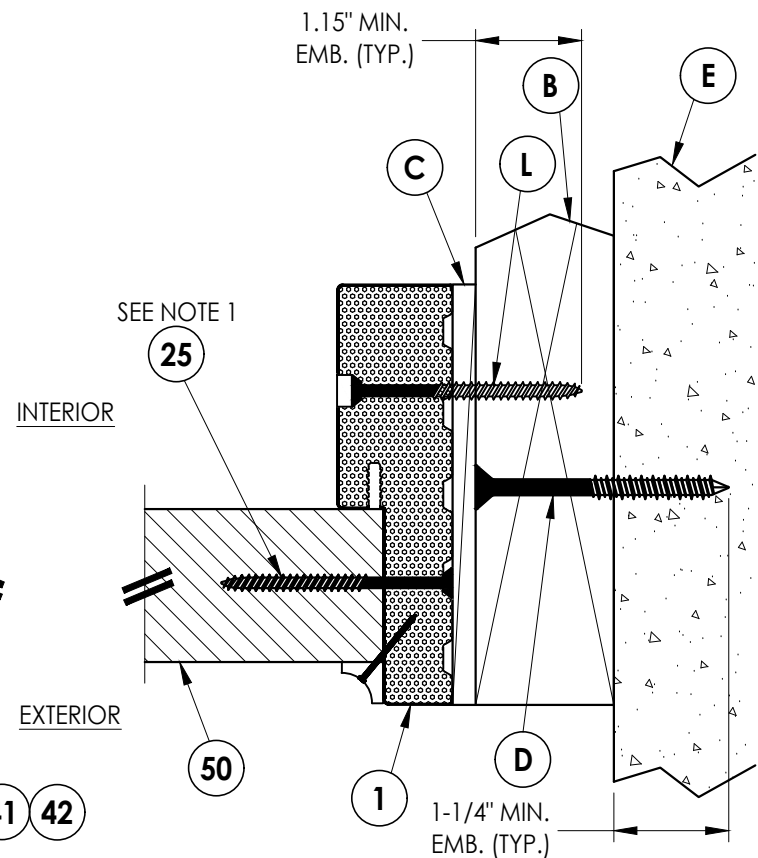
RW BUILDING CONSULTANTS, INC.

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

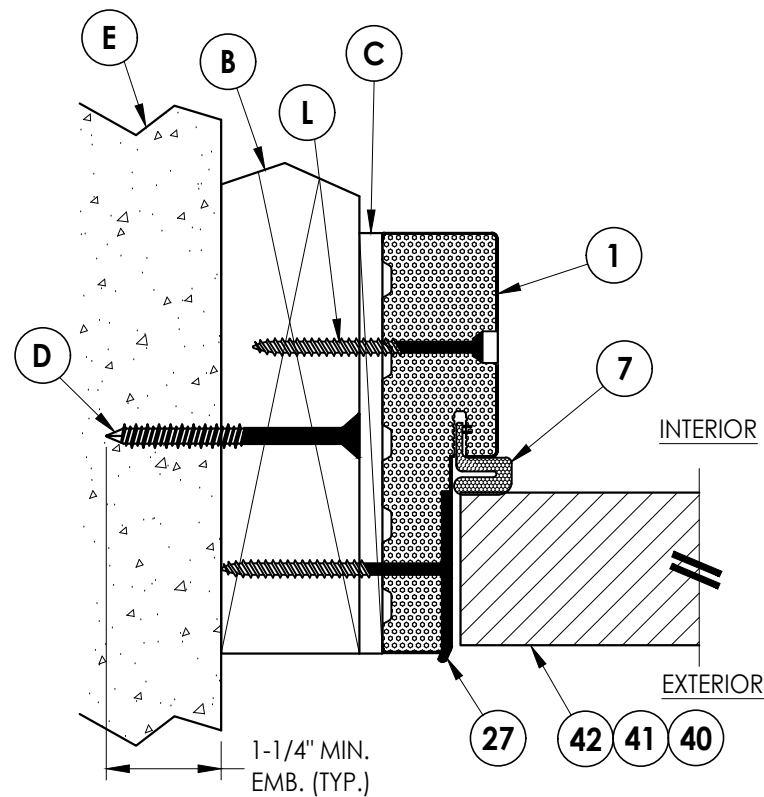


1 **HORIZONTAL CROSS SECTION**

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



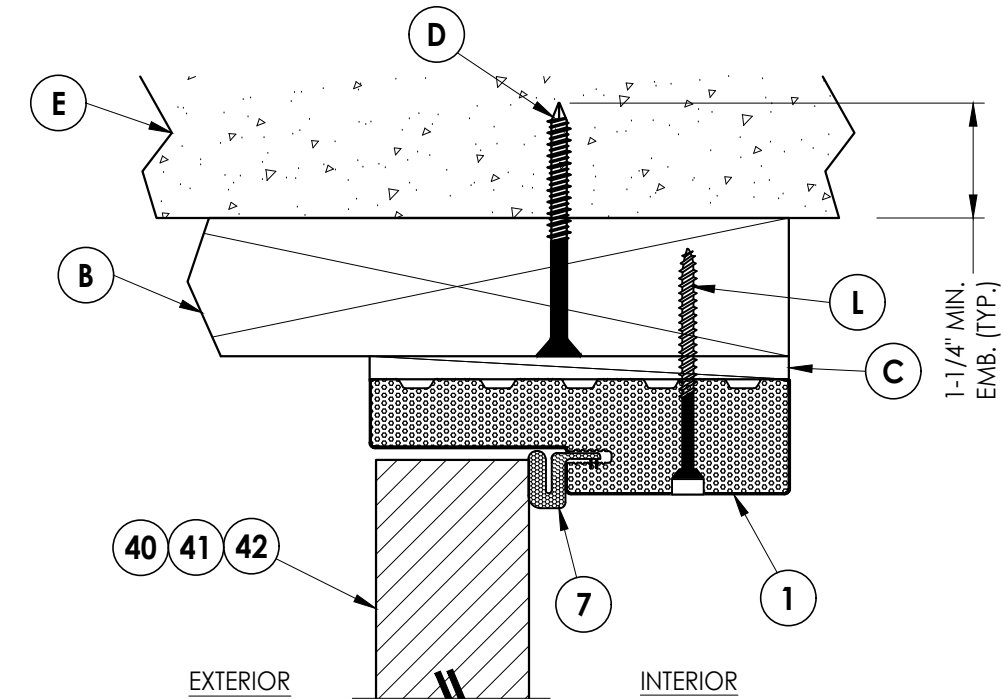
2 **HORIZONTAL CROSS SECTION**
5 Shown w/ 2X Buck
 Outswing shown (Inswing similar)



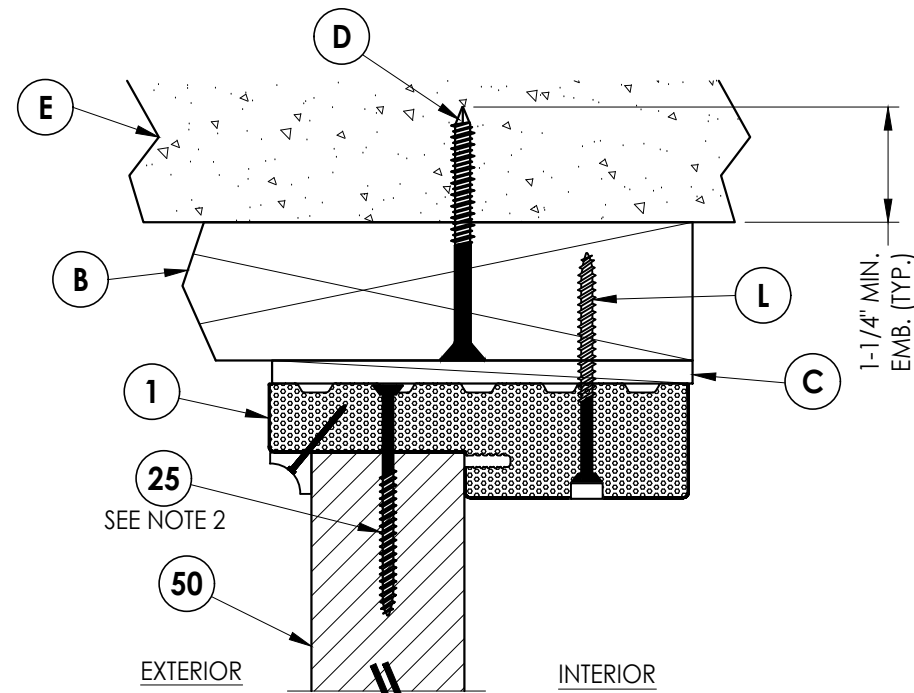
5 HORIZONTAL CROSS SECTION
Shown w/ 2X Buck
Outswing shown (Inswing similar)

Notes:

1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end and @ centerline (3 screws along head jamb).
3. PVC/Wood Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.



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



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

[illegible]

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: THERMA-TRU
FIBERGLASS DOOR

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

2	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC LFS
1	7/27/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
NO.	DATE	BY		
REVISIONS				

DATE: 5/25/21

SCALE: N.T.S.

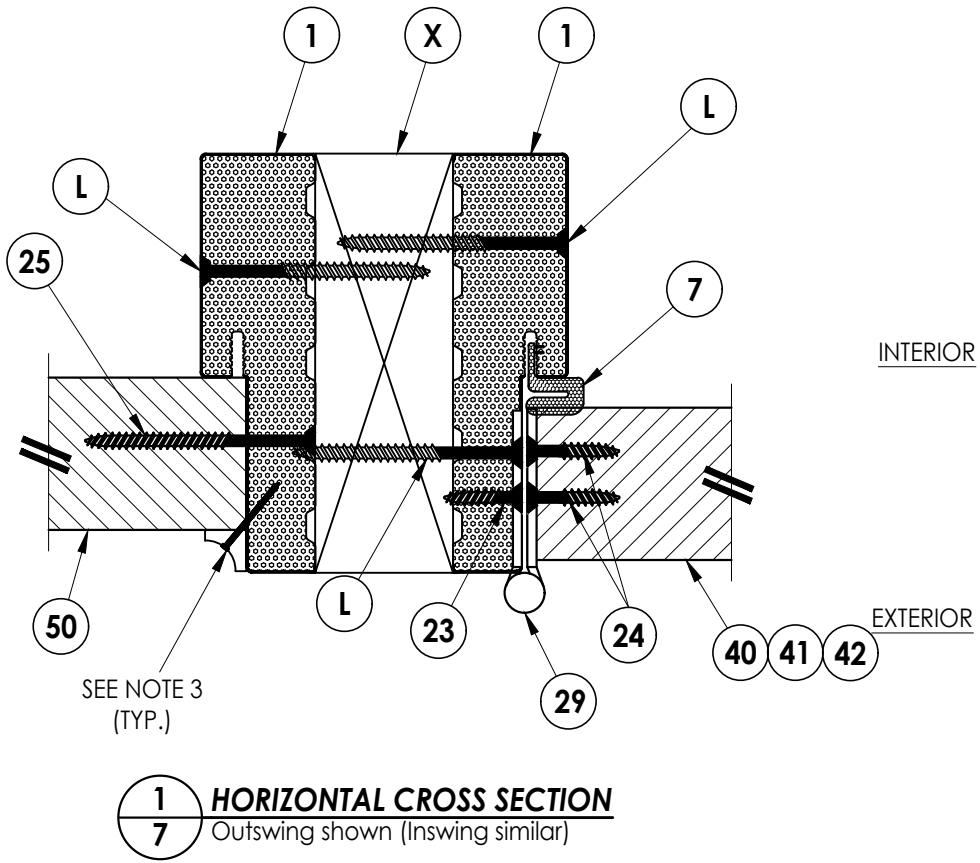
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CHK. BY: LFS

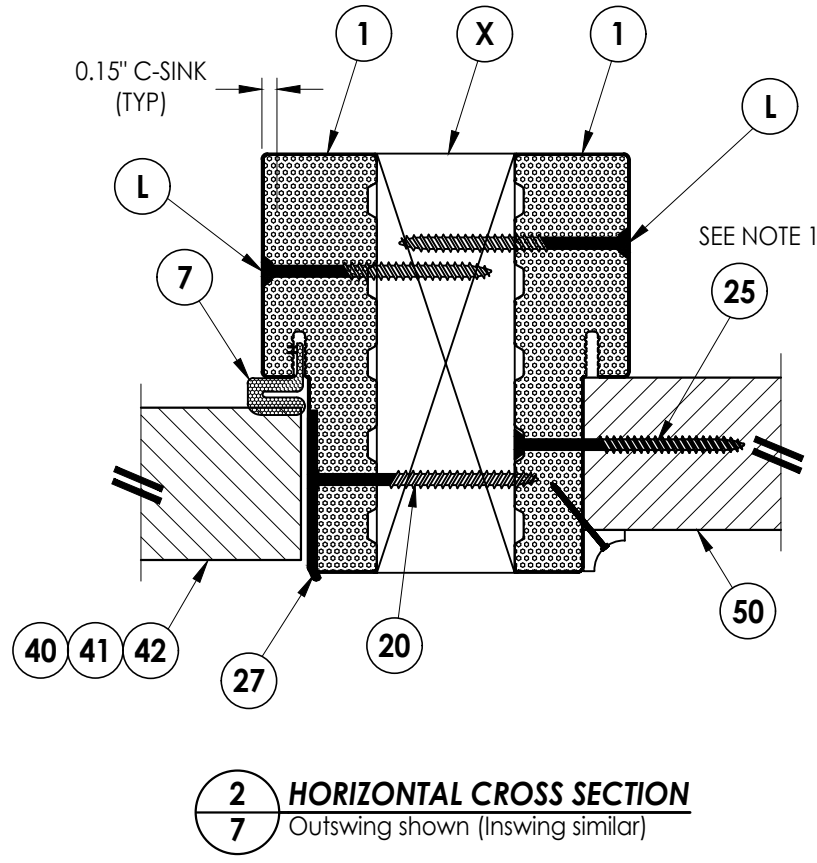
DRAWING NO.:

FL-3/183.5

SHEET 6 OF 13



1
7 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



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

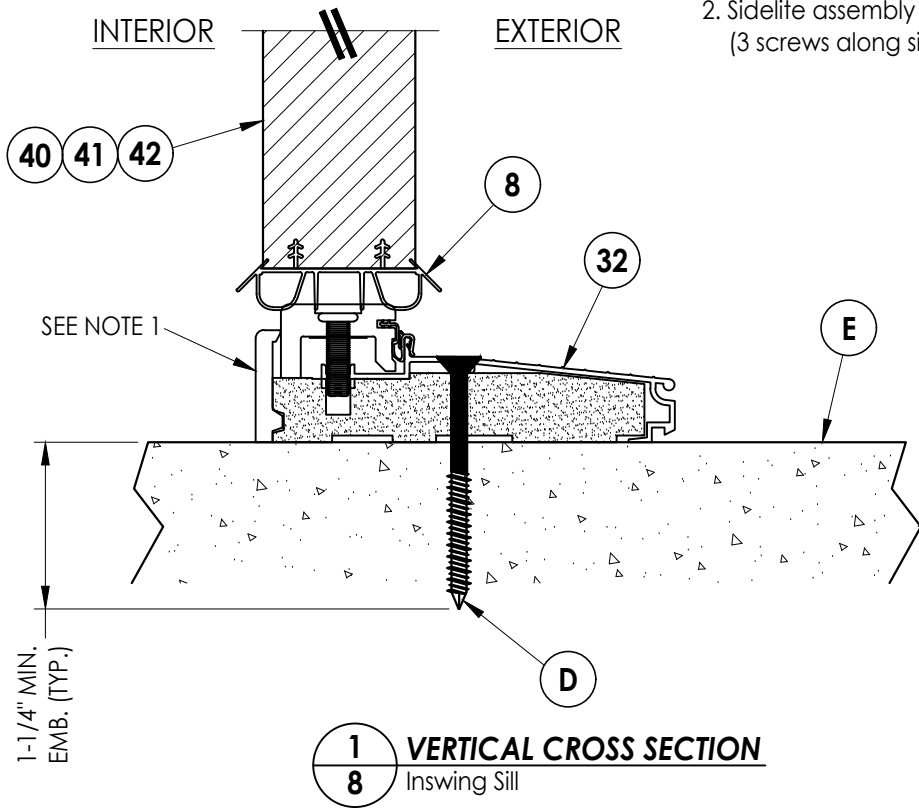
- Notes:
1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end and @ centerline (3 screws along head jamb).
 3. PVC/Wood Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

DATE:	5/25/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-37183.5
SHEET	7 OF 13

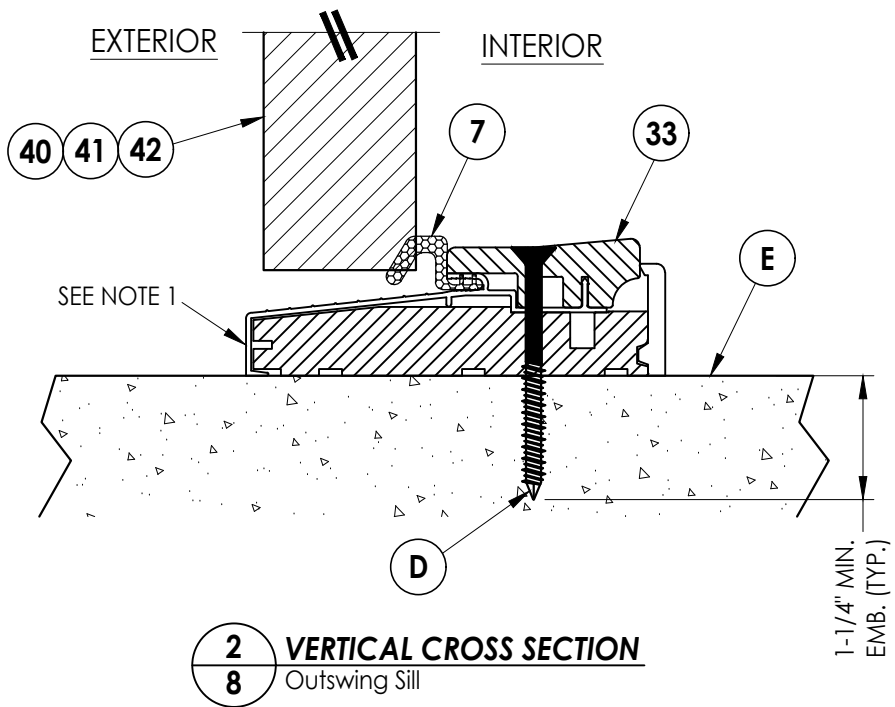
PRODUCT:	THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

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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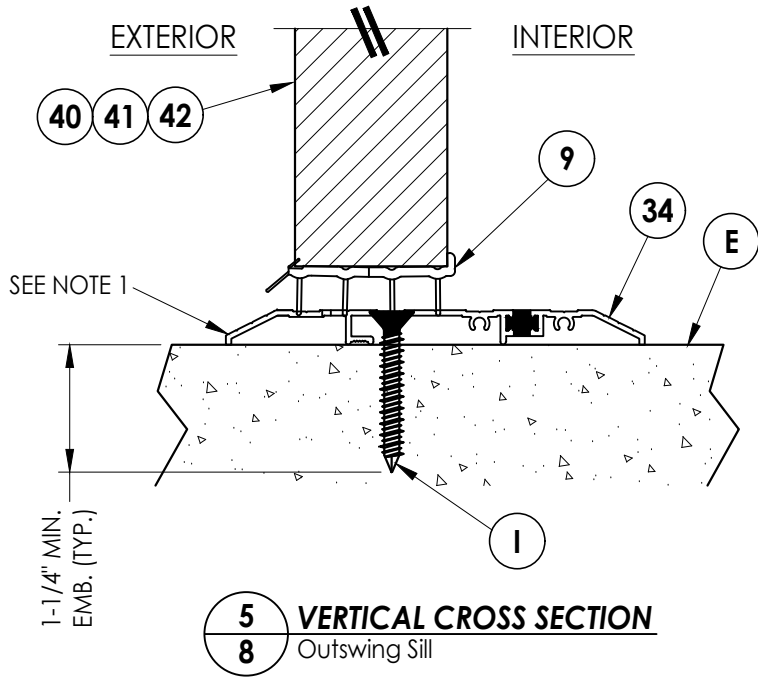
1
8 **VERTICAL CROSS SECTION**
Inswing Sill



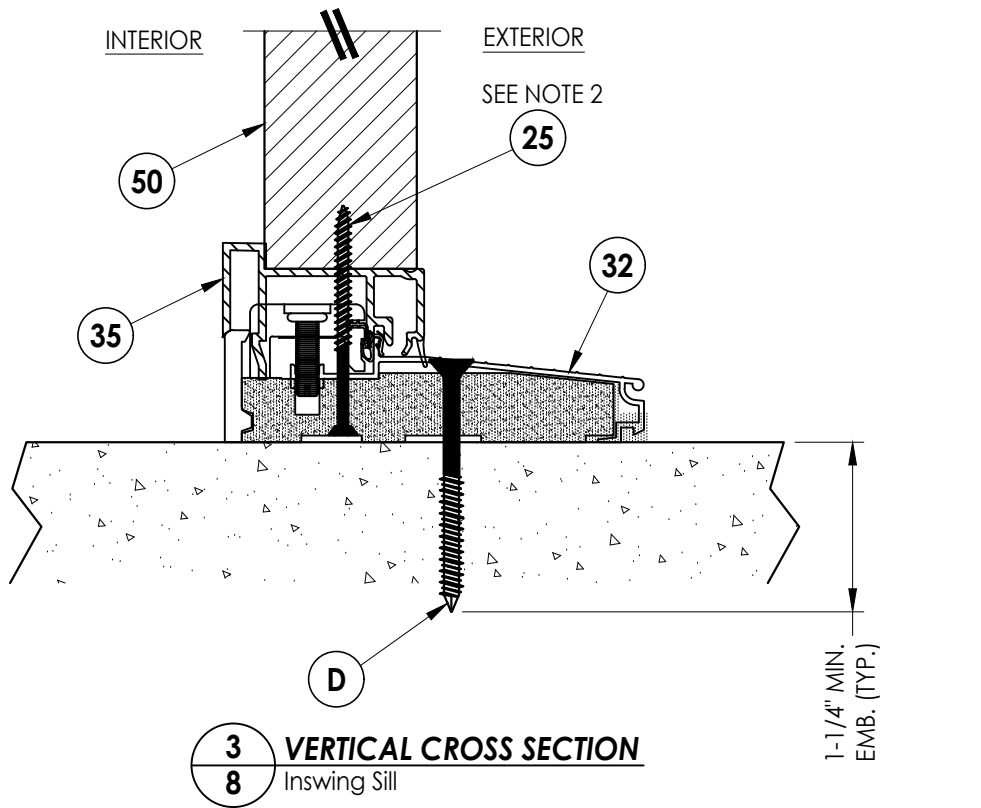
2
8 **VERTICAL CROSS SECTION**
Outswing Sill

Notes:

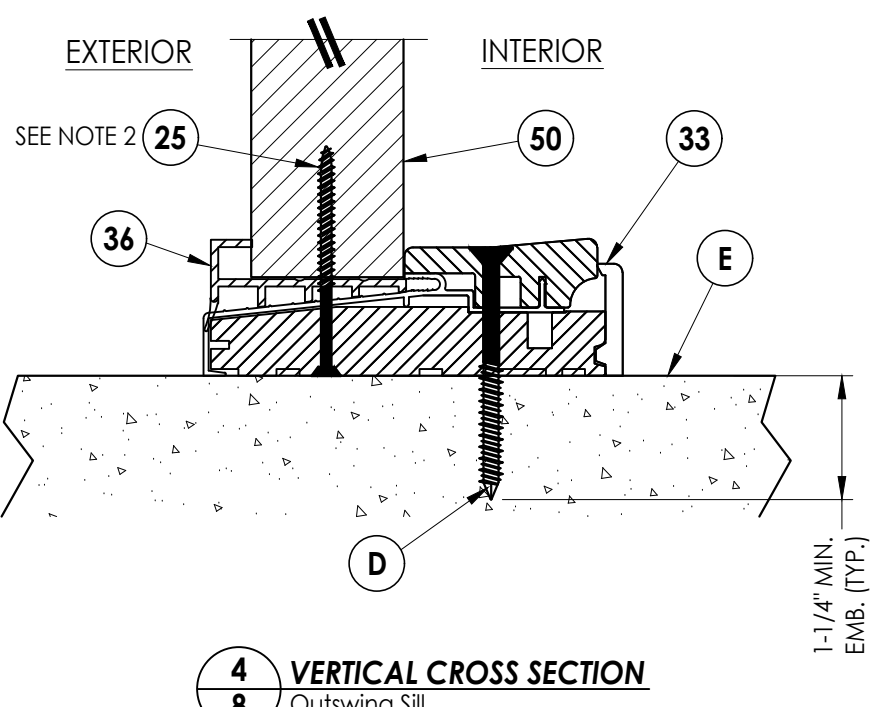
- Sill Item #32 is attached to jambs w/ (3) #8 X 2-1/2" pph screws at each end.
Sill Item #33 is attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
Sill Item #34 is attached to jambs utilizing (2) #10 X 2" pph SMS at each end.
- Sidelite assembly screws located 3" from each end and @ centerline
(3 screws along sill).



5
8 **VERTICAL CROSS SECTION**
Outswing Sill



3
8 **VERTICAL CROSS SECTION**
Inswing Sill



4
8 **VERTICAL CROSS SECTION**
Outswing Sill

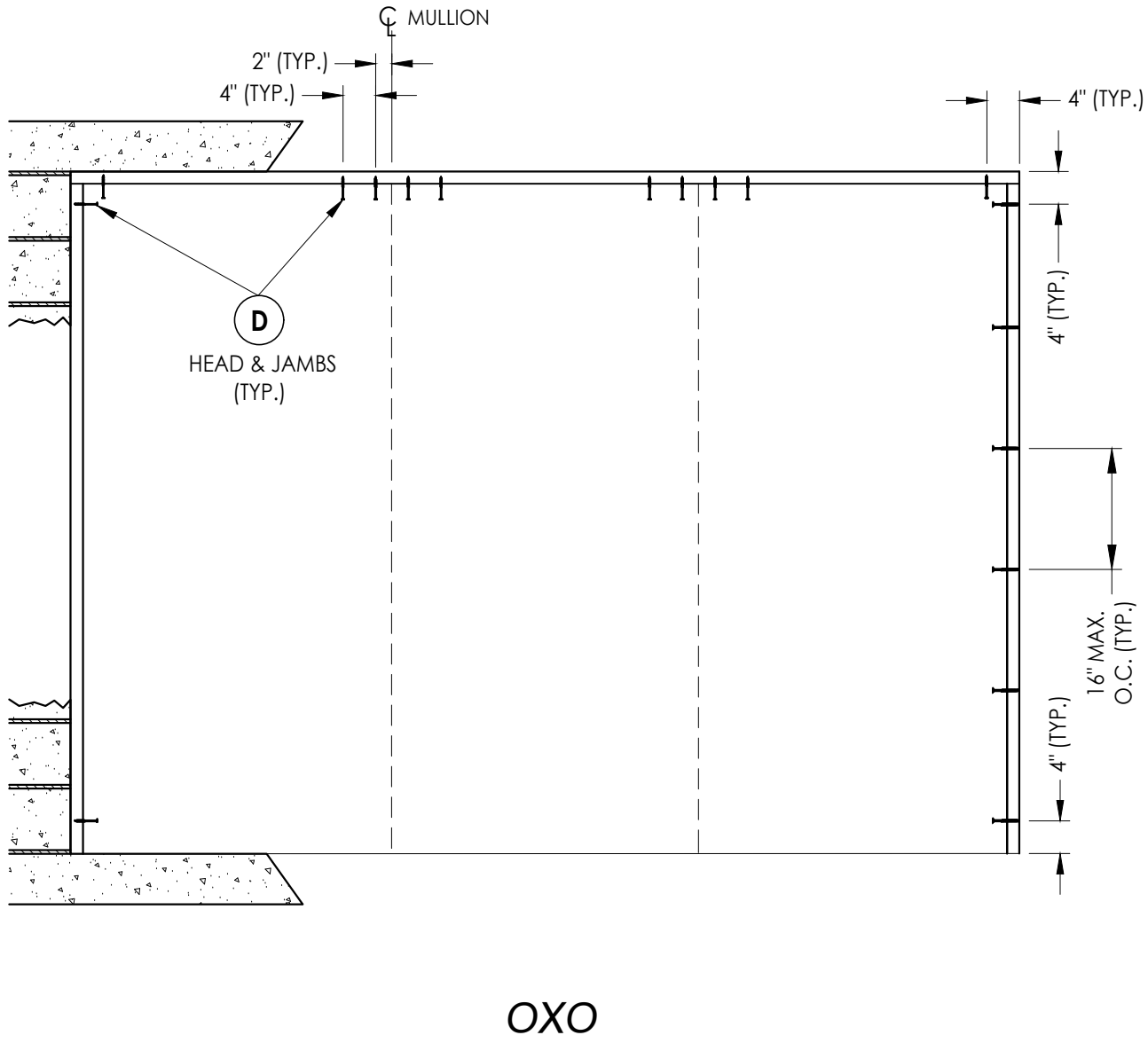
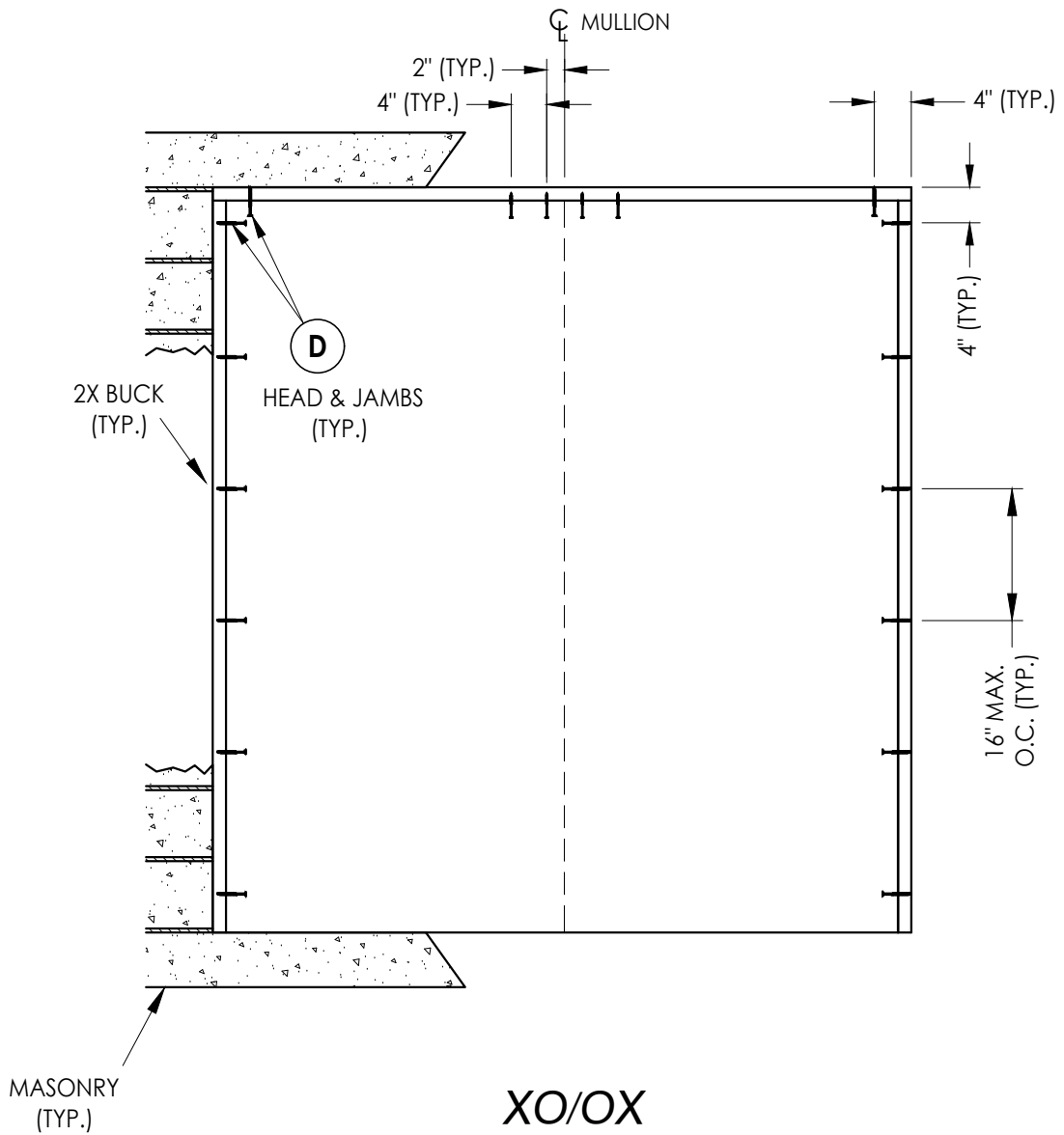
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.

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

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
NO.	DATE	REVISIONS	
		LFS	BY
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC
DATE: 5/25/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-37183.5			
SHEET 8 OF 13			

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2X BUCK ANCHORING

DATE: 5/25/21	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-37183.5	
SHEET	9 OF 13

NO.		DATE		REVISIONS	
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	

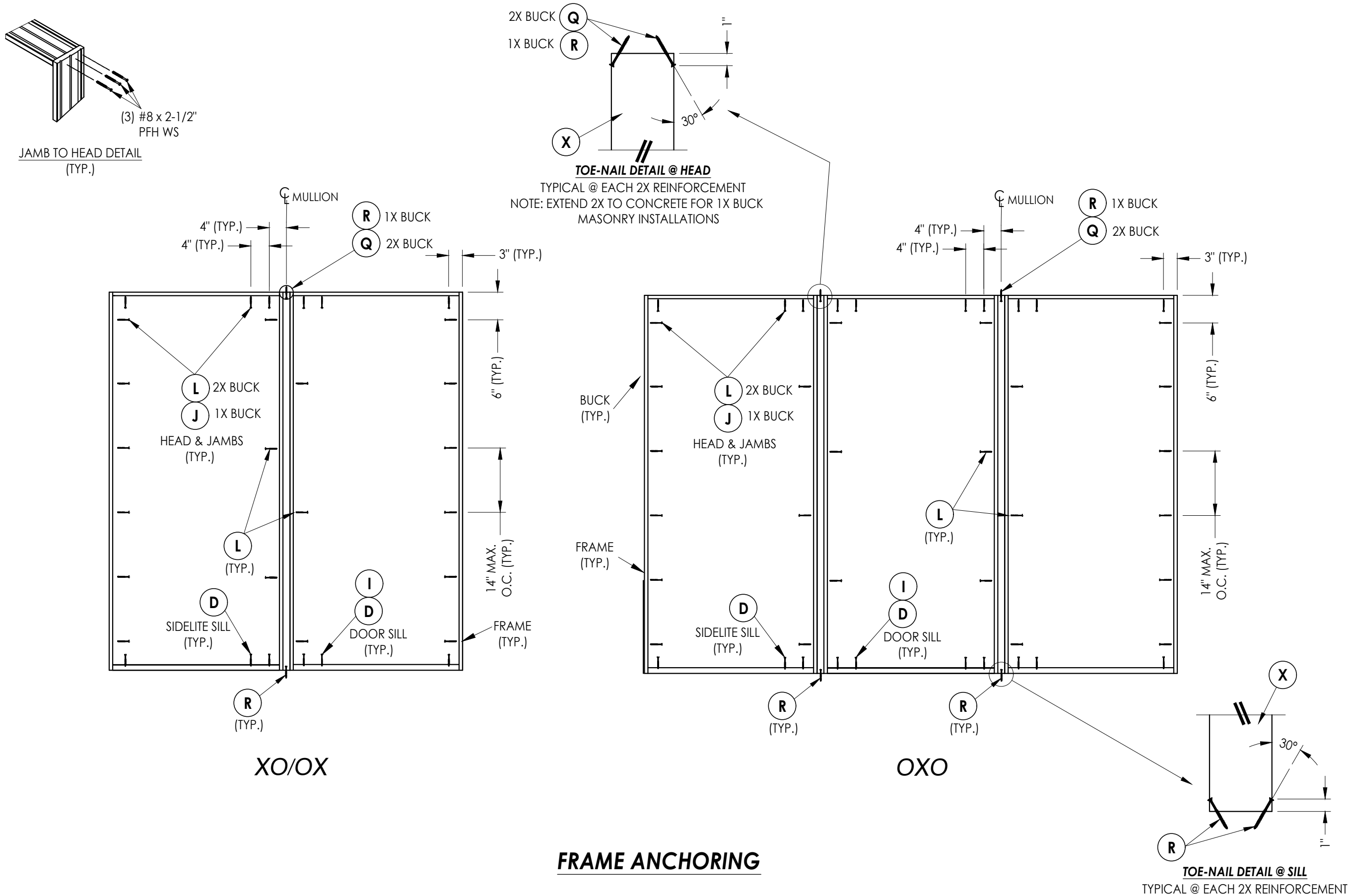
PRODUCT: THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY: BUCK ANCHORING	

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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Documents Prepared By:
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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:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC
1	7/27/23	UPDATE TO 8TH ED. (2023) FBC

DATE: 5/25/21

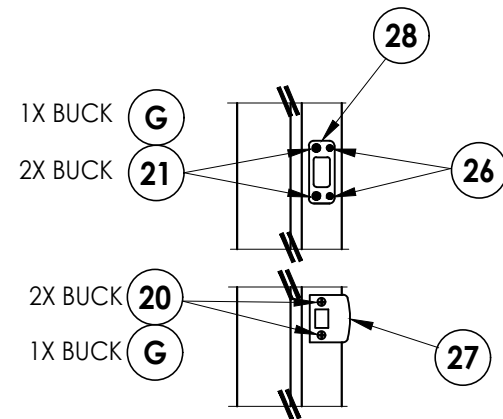
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DWG. BY: RW

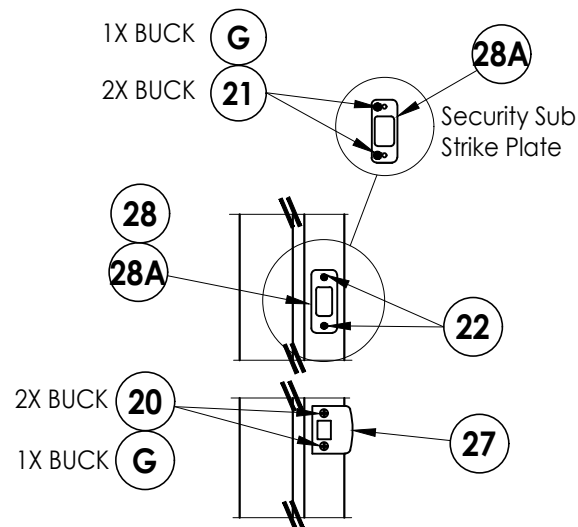
CHK. BY: LFS

DRAWING NO.: FL-37183.5

SHEET 10 OF 13

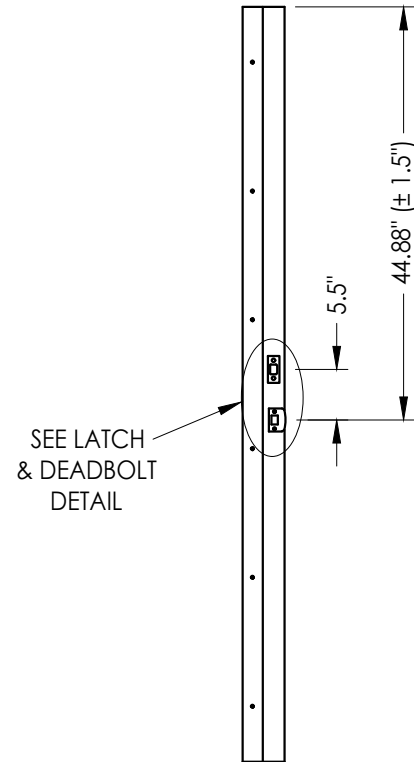


LATCH & DEADBOLT DETAIL
Kwikset

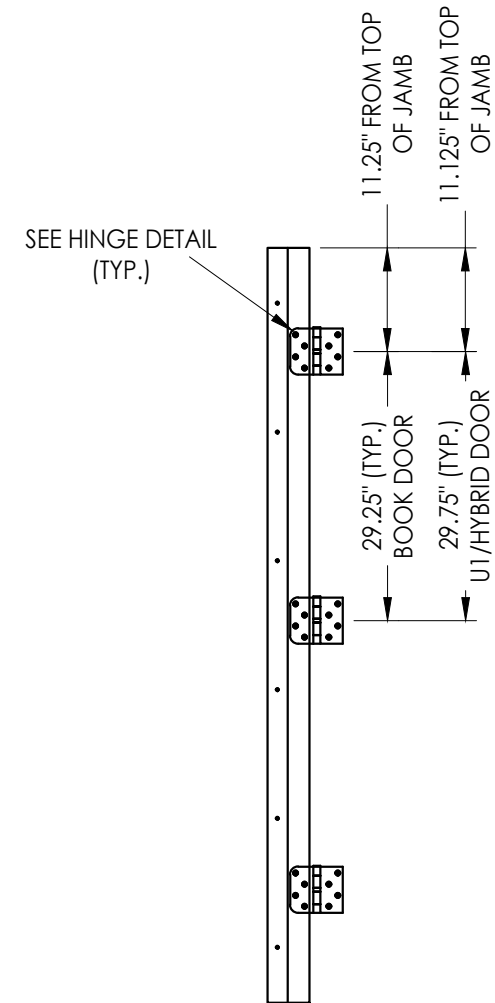


LATCH & DEADBOLT DETAIL
Schlage

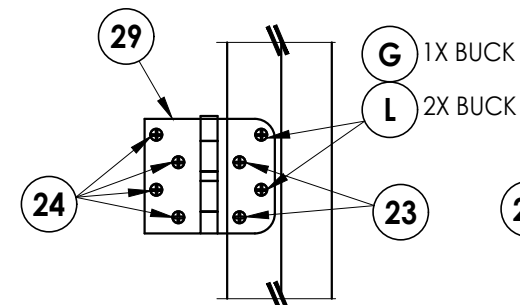
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt

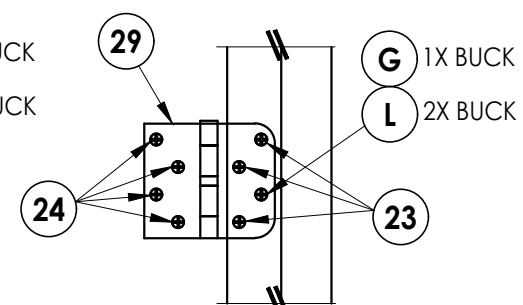


HINGE JAMB



HINGE DETAIL

Inswing



HINGE DETAIL

Outswing

2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
1	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO.	DATE	REVISIONS			
				BY	

DATE: 5/25/21

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:

FL-37183.5

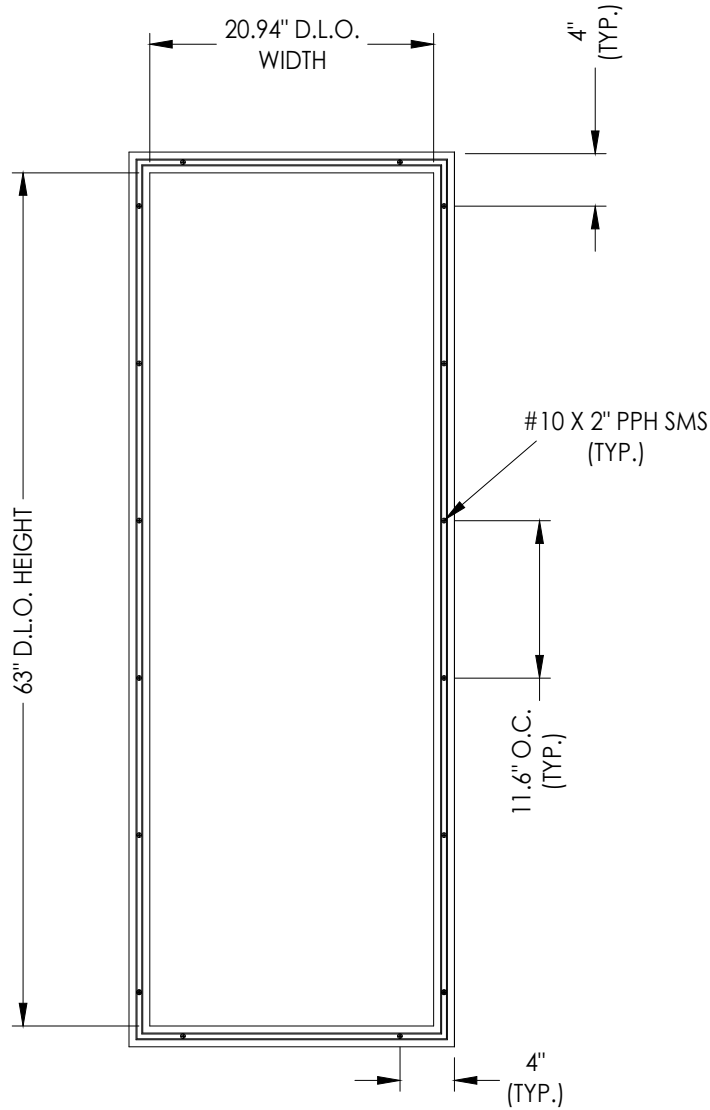
SHEET 11 OF 13

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

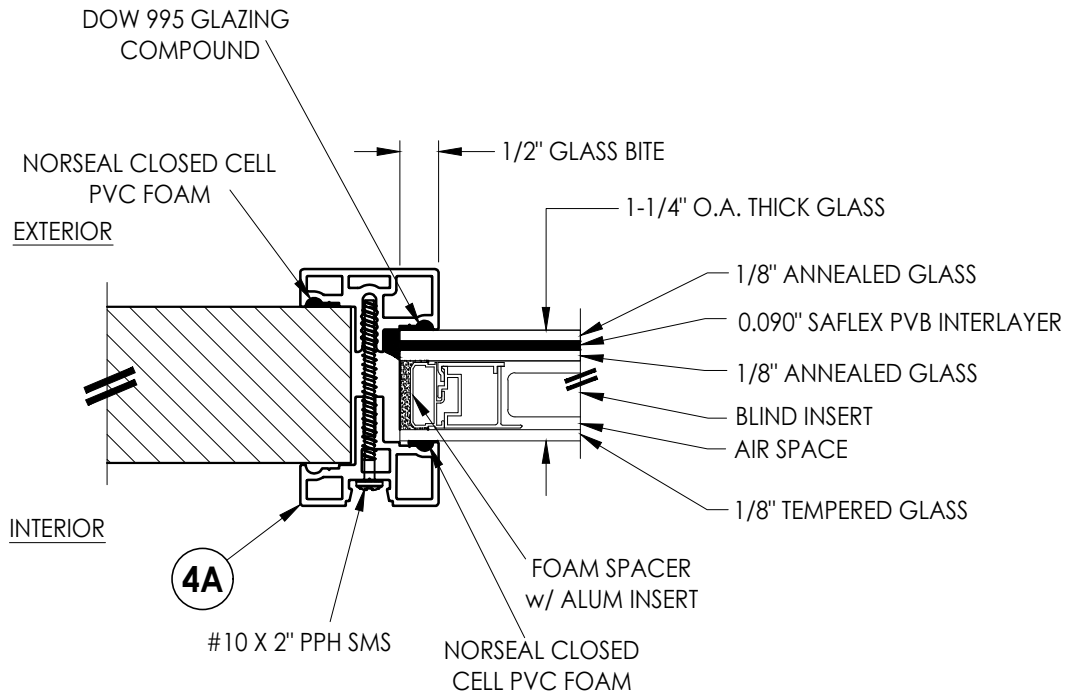
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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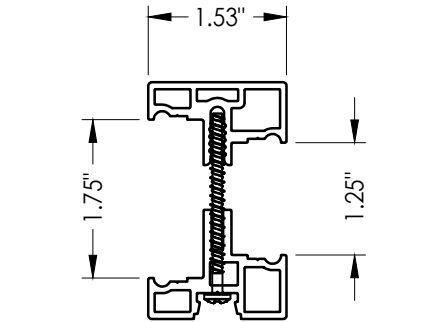
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6'-8" LITE FRAME
ALUM. (6063-T5)



G1 **GLAZING DETAIL**
1-1/4" Insulated Laminated Glass
w/ Internal Blinds



4A **ALUMINUM IMPACT LITE FRAME**

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS

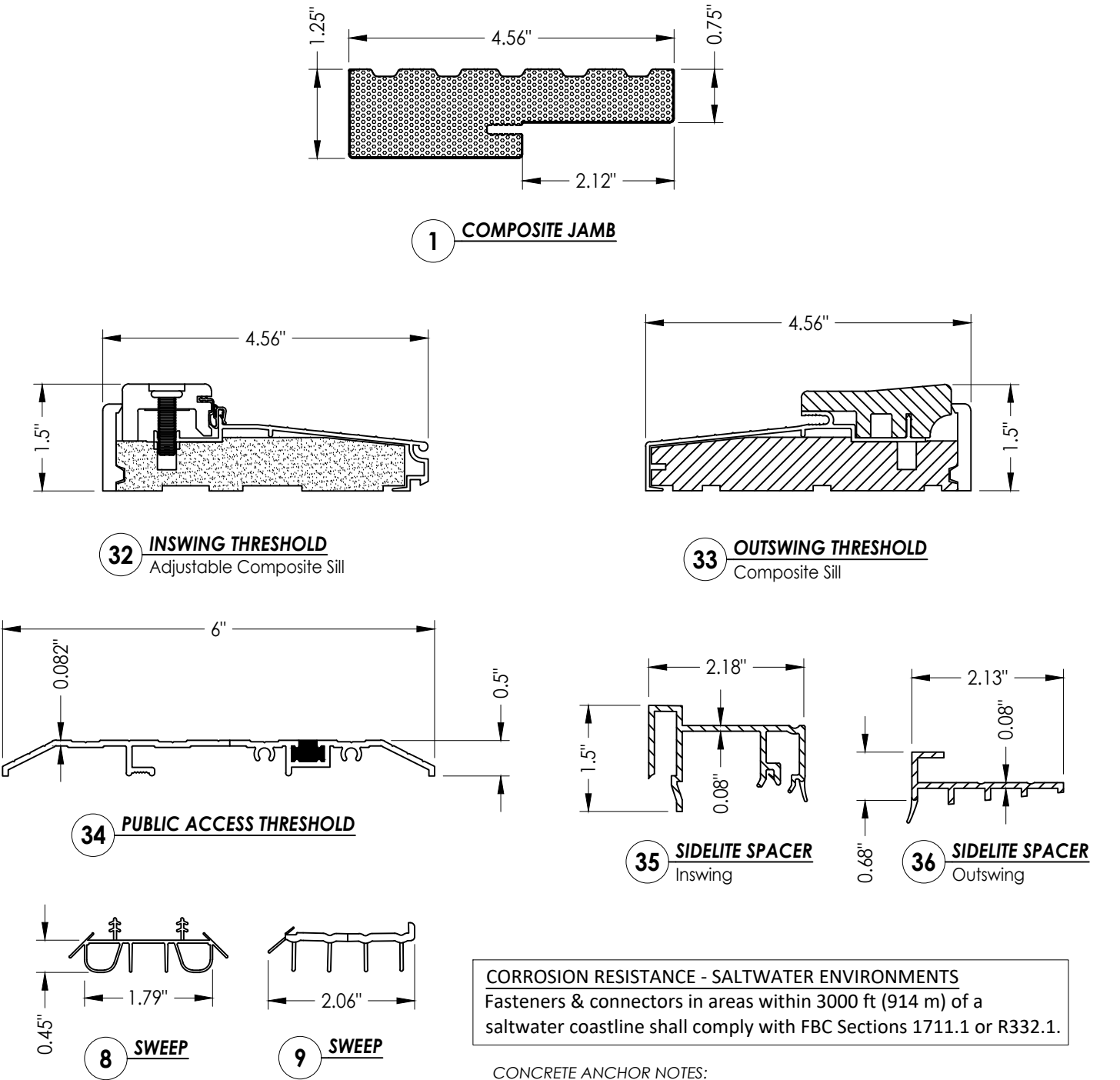
DATE:	5/25/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-37183.5
SHEET	12 OF 13

PRODUCT:	THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	LITE FRAME & GLAZING DETAILS

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

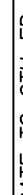
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 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
F	#10 X 2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	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
Q	#10 X 3" PFH WOOD SCREW (1.75" MIN. EMBEDMENT)	STEEL
R	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL
X	2X REINFORCEMENT (SG >= 0.55)	WOOD
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL
20	#8 X 2-1/2" PFH WOOD SCREW	STEEL
21	#12 X 1-1/2" PFH WOOD SCREW	STEEL
22	#8 X 3/4" PFH WOOD SCREW	STEEL
23	#9 X 3/4" PFH WOOD SCREW	STEEL
24	#9 X 1" PFH WOOD SCREW	STEEL
25	#9 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 5/8" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
28A	DEADBOLT SUB-STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
32	INSWING THRESHOLD	ALUM/COMP
33	OUTSWING THRESHOLD	ALUM/COMP
34	PUBLIC ACCESS THRESHOLD	ALUM
35	SIDELITE SPACER (INSWING)	VINYL
36	SIDELITE SPACER (OUTSWING)	VINYL
40	DOOR PANEL (BOOK)	-
41	DOOR PANEL (HYBRID)	-
42	DOOR PANEL (U1)	-
50	SIDELITE PANEL	-



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"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:
 Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

DATE: 5/25/21		DRAWING NO.: FL-37183.5		SHEET 13 OF 13	
SCALE: N.T.S.		CHK. BY: LFS		DWG. BY: RW	
NO.		DATE		REVISIONS	
2	7/01/26	UPDATE TO 9TH ED. (2026)		LFS	
1	7/27/23	UPDATE TO 8TH ED. (2023)		LFS	
PART OR ASSEMBLY:		BILL OF MATERIALS & COMPONENTS			
PRODUCT:		THERMA-TRU FIBERGLASS DOOR			
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			