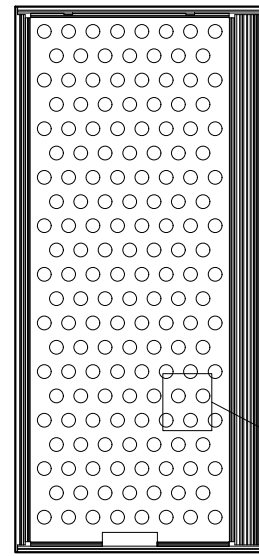


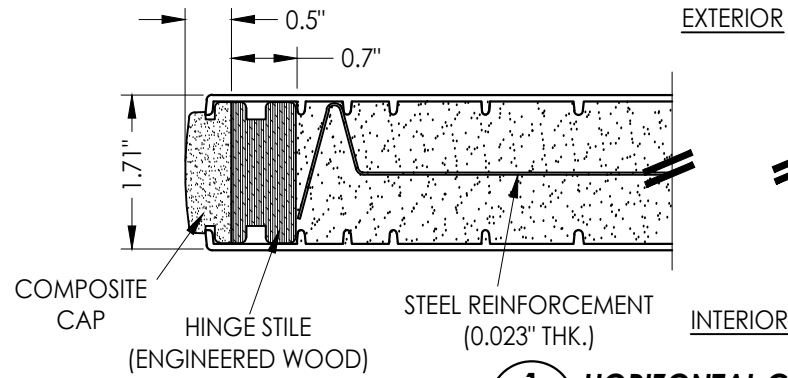
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.13-16.dwg



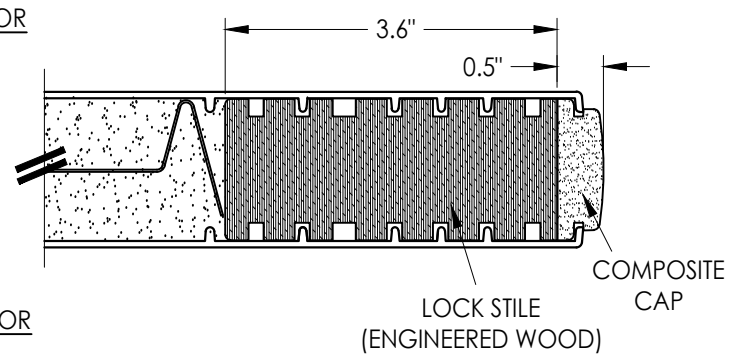
DETAIL A-A
PANEL REINFORCEMENT
(0.023" Thick Steel)

STEEL REINFORCEMENT
28.86% OPEN
AREA MAX.

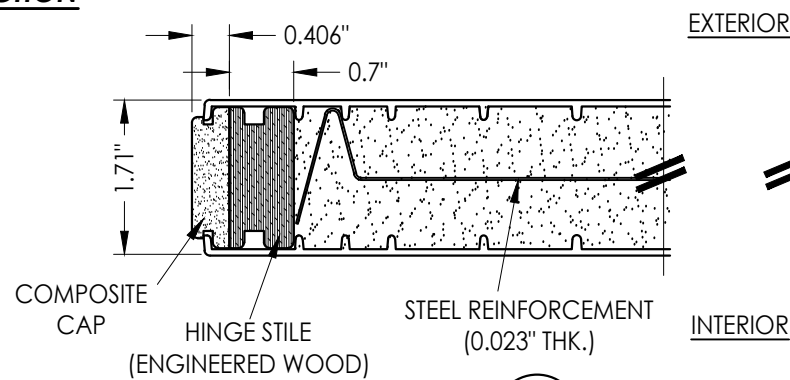
* #8 X 2.5" PFH WS (TYP. @ EACH DOOR CORNER)



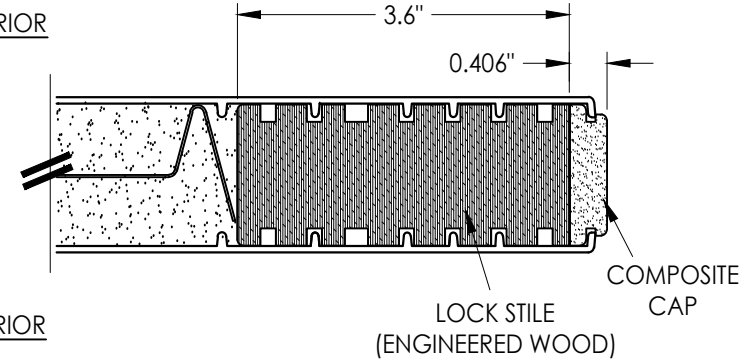
1
2 **HORIZONTAL CROSS SECTION**



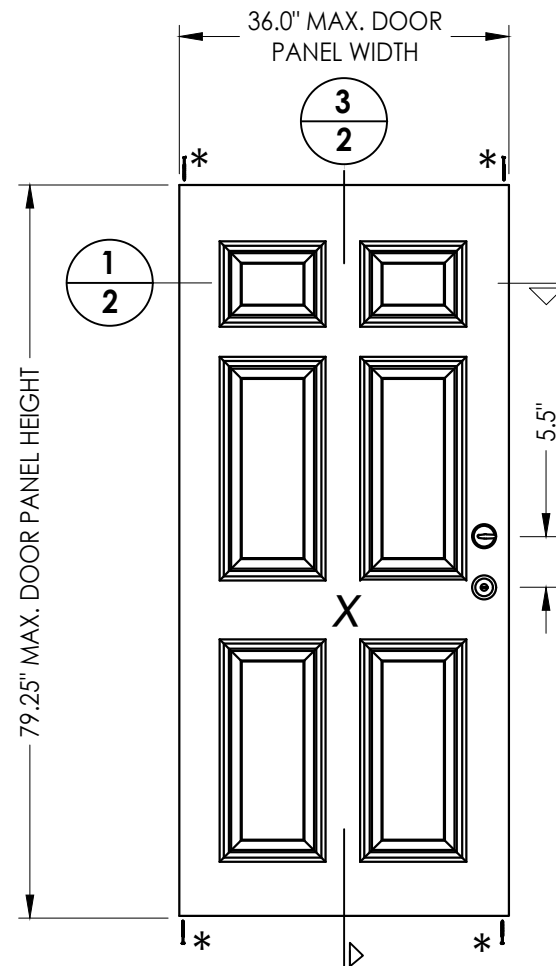
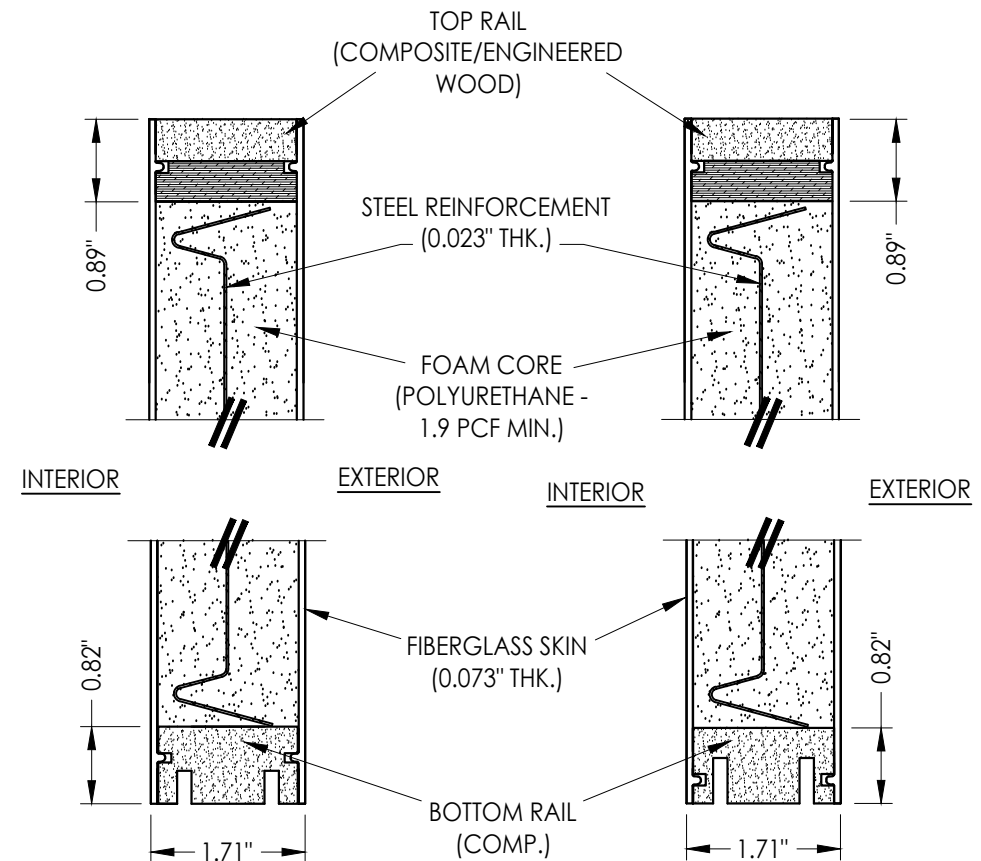
2
2 **HORIZONTAL CROSS SECTION**



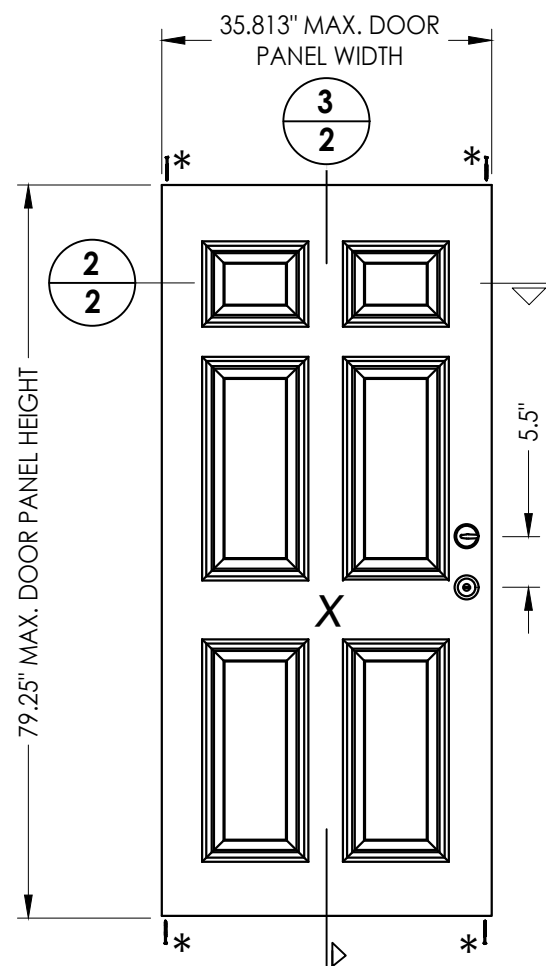
3
2 **VERTICAL CROSS SECTION**



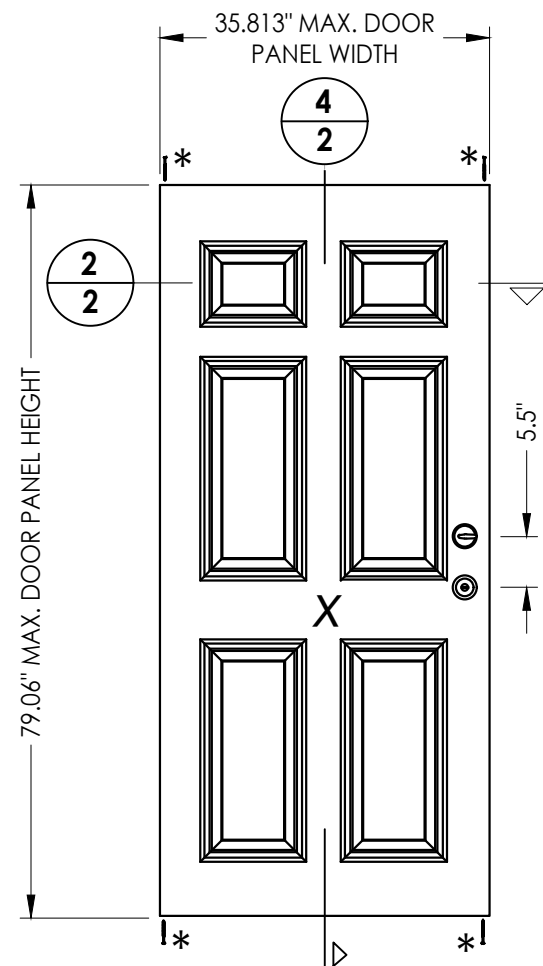
4
2 **VERTICAL CROSS SECTION**



40 **DOOR PANEL**
BOOK



41 **DOOR PANEL**
Hybrid Door



42 **DOOR PANEL**
U1 Door

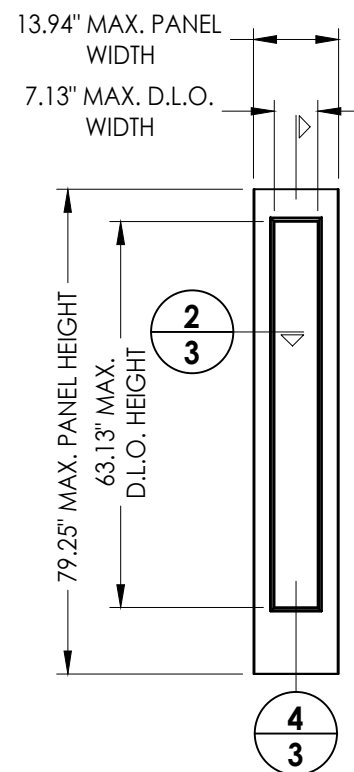
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

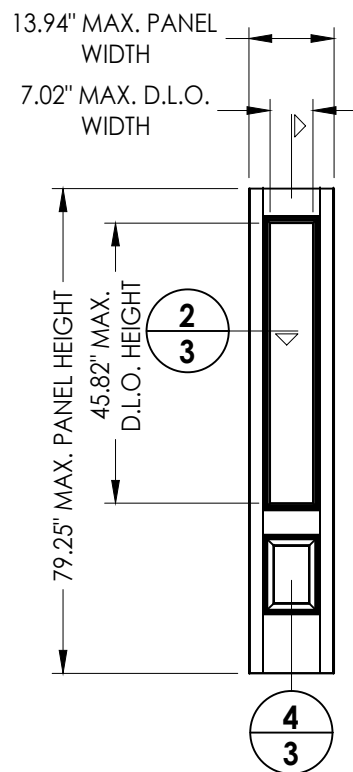
PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

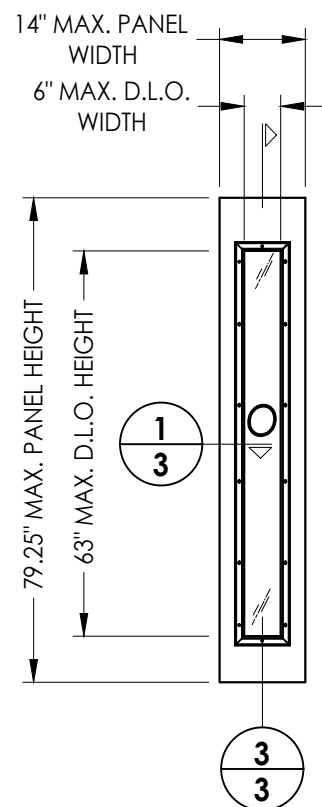
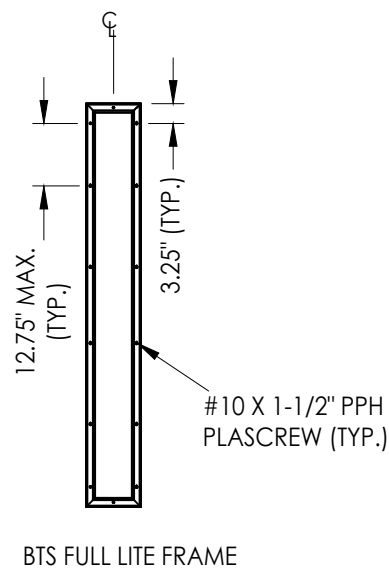
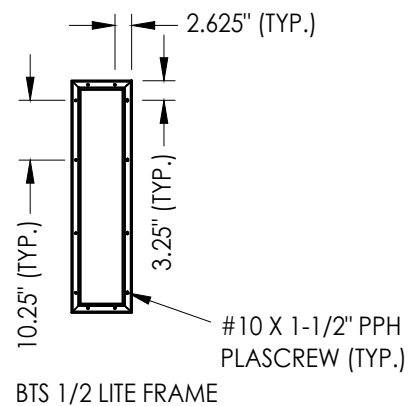
		REVISIONS			
		NO.	DATE	BY	
		4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
		3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC LFS
		2	7/22/20	UPDATE TO 7TH ED. (2020)	FBC LFS
		1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC JK
DATE: 8/10/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20470.14					
SHEET 2 OF 13					



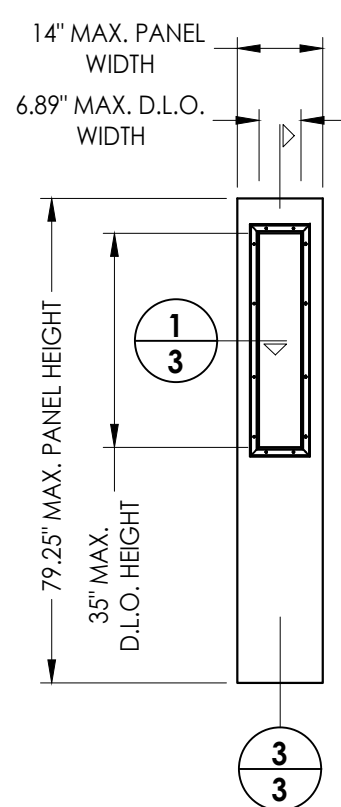
60 **SIDELITE PANEL**
Full Lite
Flush Glazed



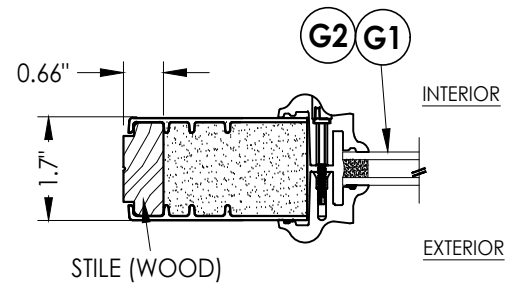
60 **SIDELITE PANEL**
3/4 Lite
Flush Glazed



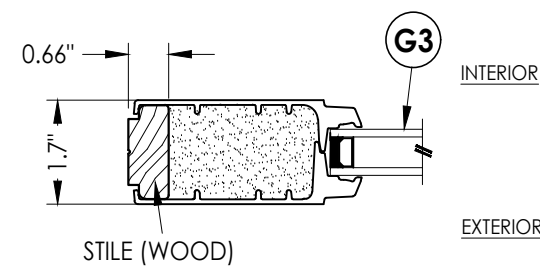
50 **SIDELITE PANEL**
Full Lite
Lip Lite



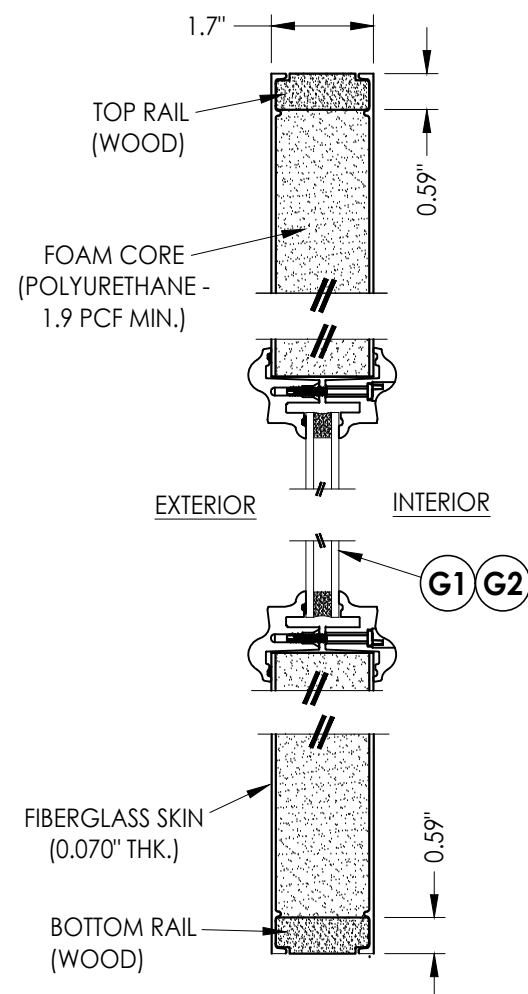
50 **SIDELITE PANEL**
Half Lite
Lip Lite



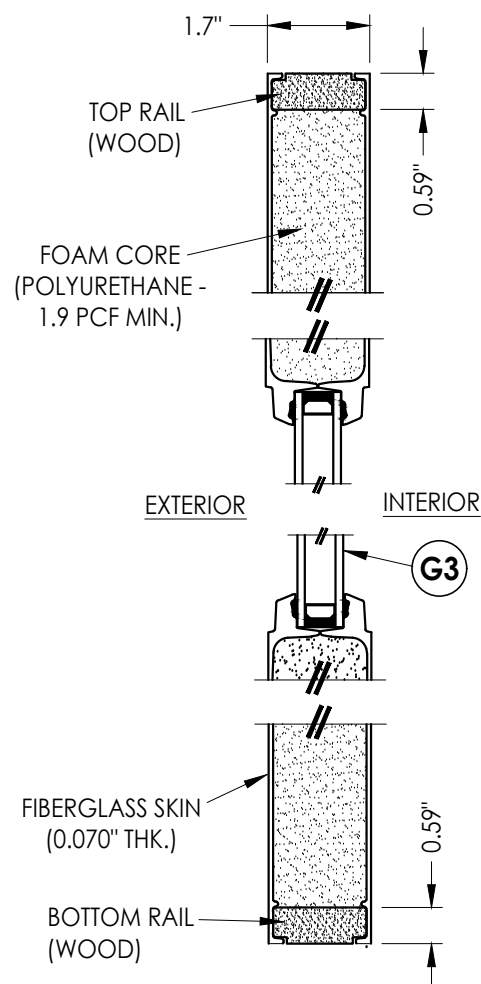
1 **HORIZONTAL CROSS SECTION**
3 Lip Lite Glazing



2 HORIZONTAL CROSS SECTION



3 VERTICAL CROSS SECTION
3 Lip Life Glazing Shown



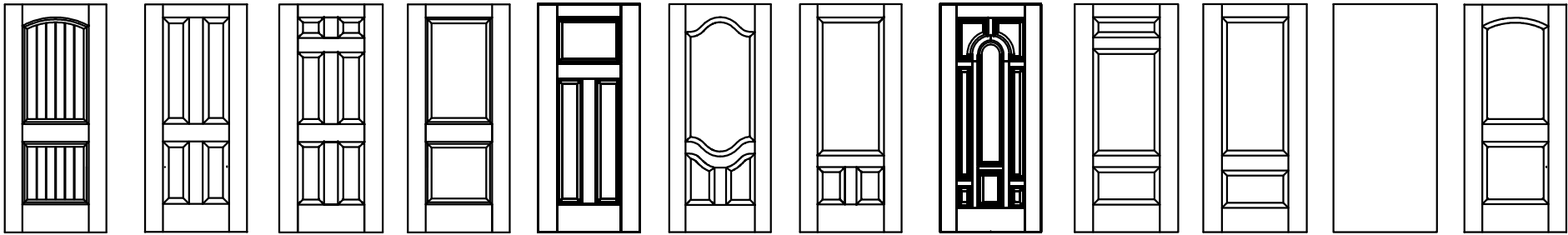
4 3 VERTICAL CROSS SECTION Flush Glazing Shown

4	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/25/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	7/22/20	UPDATE TO 7th ED	(2020)	FBC	LFS
1	7/14/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
NO.	DATE				BY
DATE: 8/10/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20470.14					
SHEET 3 OF 13					

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

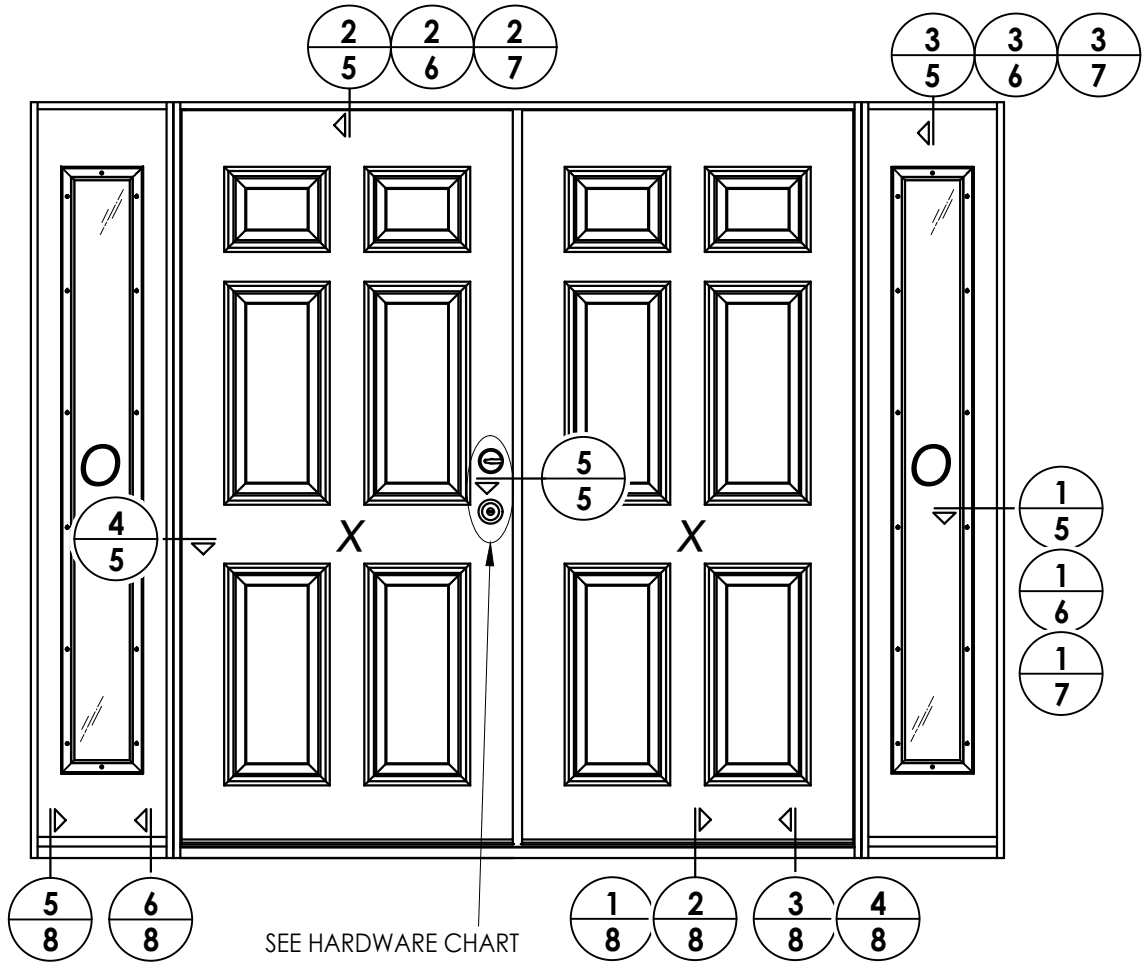
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.13-16.dwg



Fiber-Classic/Smooth-Star Door Panel Options

Panel options shown are for illustration and are representative only
(similar opaque panel configurations are allowed)



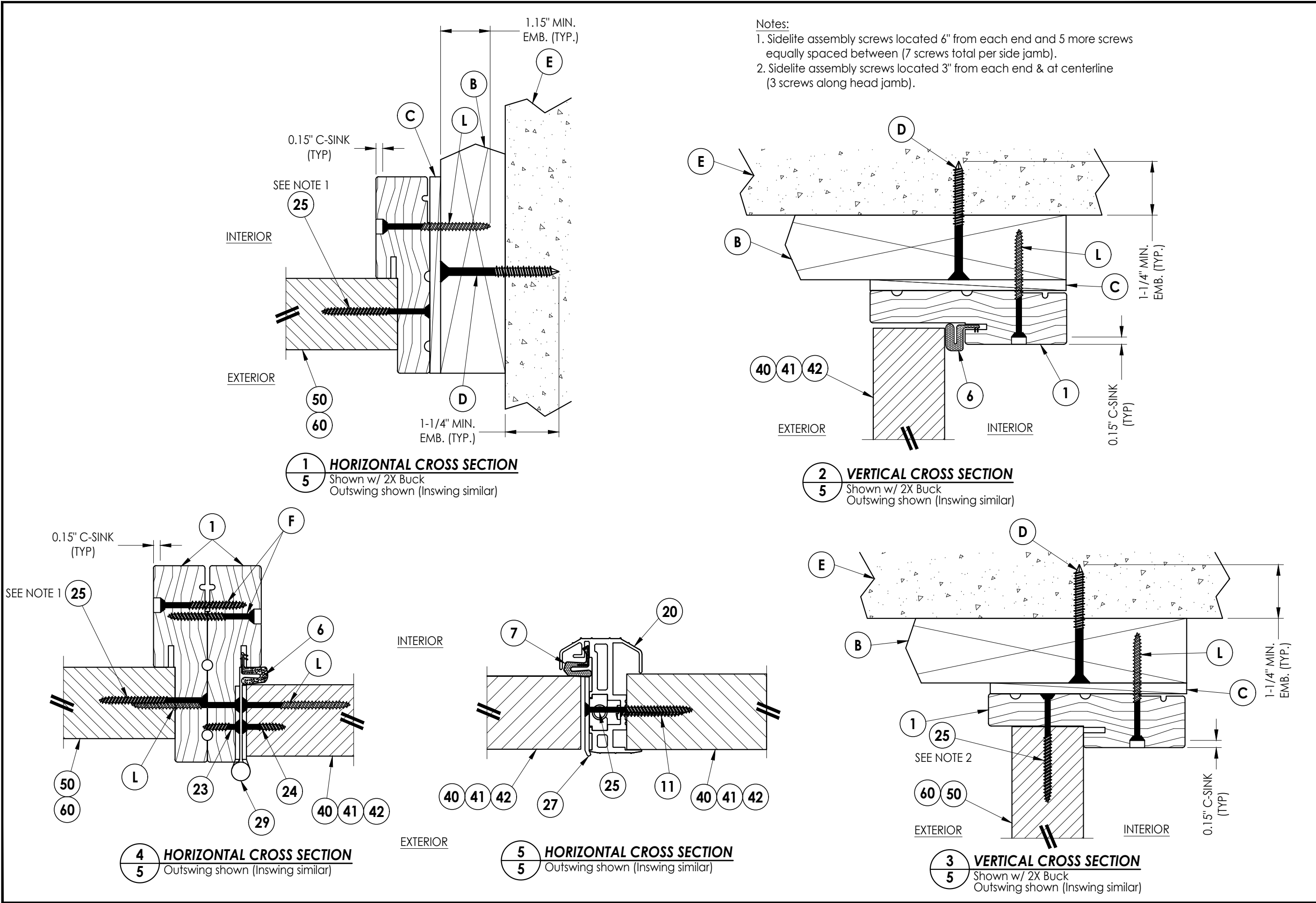
HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
HOPPE (THERMA-TRU)	MULTIPOINT : MPDGART	
	(3 pt. Manual Tongue)	

REVISIONS		DATE		NO.	
4	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/25/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	7/22/20	UPDATE TO 7th ED	(2020)	FBC	LFS
1	7/14/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
DATE:		8/10/16		BY	
SCALE:		N.T.S.		CHK. BY:	
DWG. BY:		JK		DRAWING NO.:	
SHEET		4		OF 13	

PRODUCT:	
THERMA TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:	
ELEVATIONS	

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



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

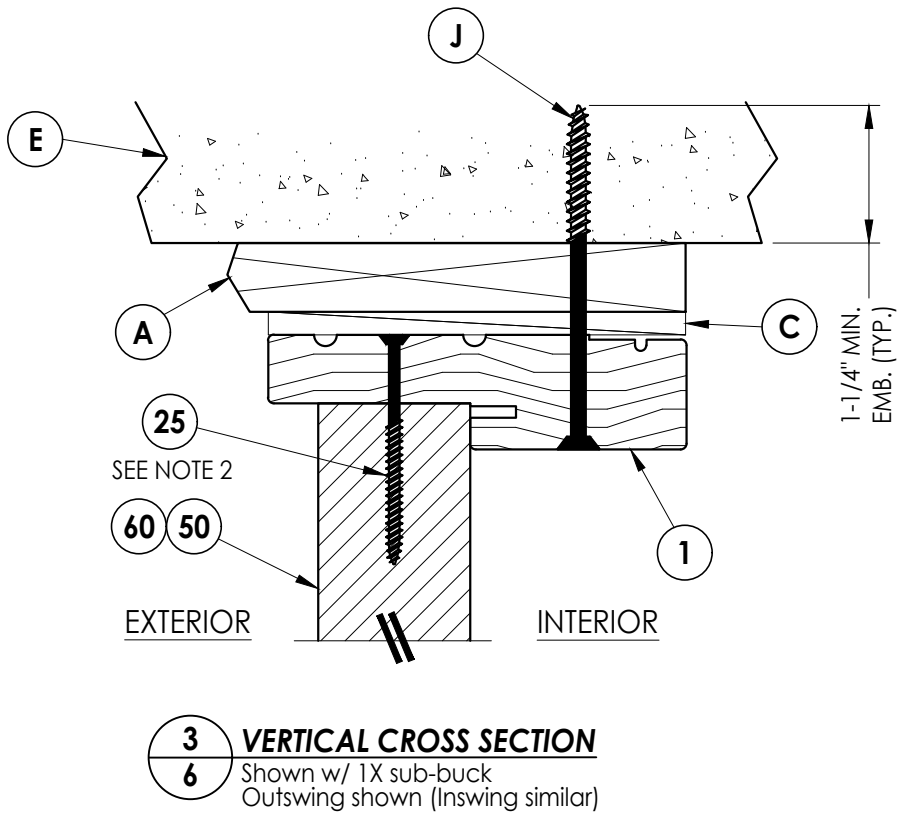
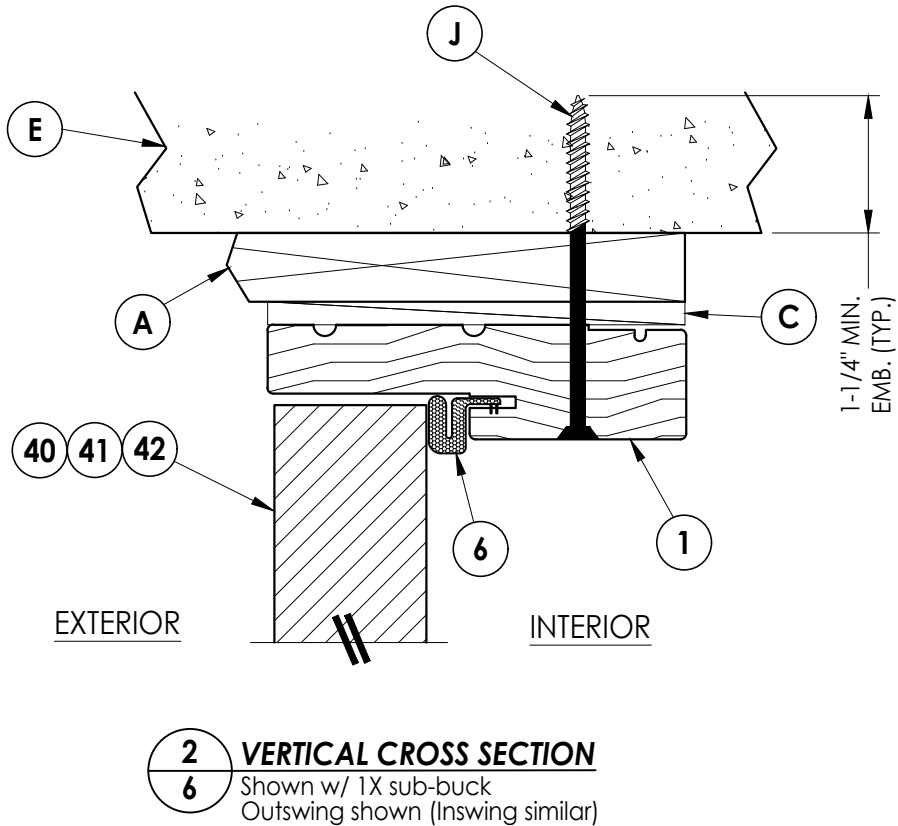
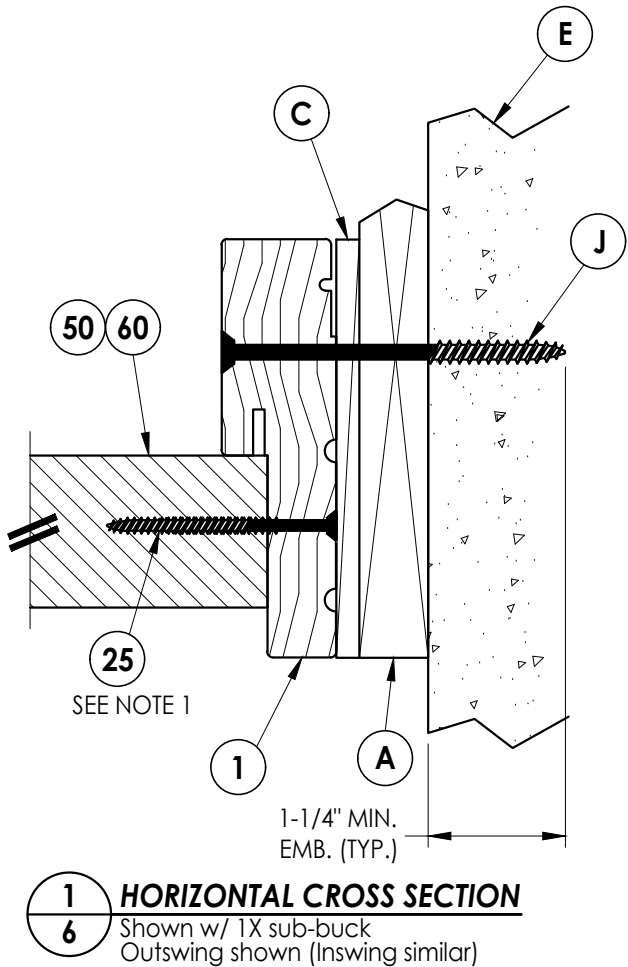
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

						LFS
						LFS
4	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC		LFS
3	7/25/23	UPDATE TO 8TH ED.	(2023)	FBC		LFS
2	7/22/20	UPDATE TO 7th ED	(2020)	FBC		JFK
1	7/14/17	UPDATE TO 6TH ED.	(2017)	FBC		JK
No.	Date					BY
						REVISIONS
DATE: 8/10/16						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-20470.14						
SHEET 5 OF 13						

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.13-16.dwg

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 & at centerline (3 screws along head jamb).



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

R.W. 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)

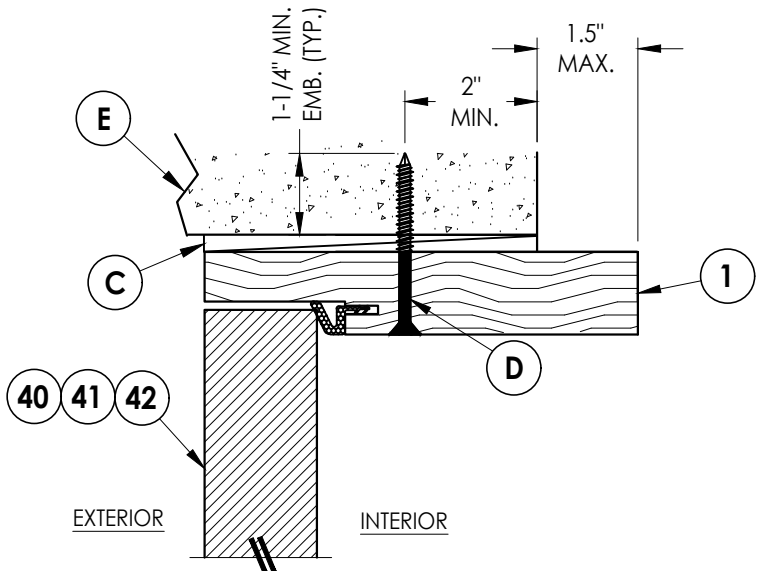
NO.	DATE	REVISIONS			
		BY	JK	FBC	LFS
4	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/25/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	7/22/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	7/14/17	UPDATE TO 6TH ED.	(2017)	FBC	JK

DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-20470.14
SHEET 6 OF 13

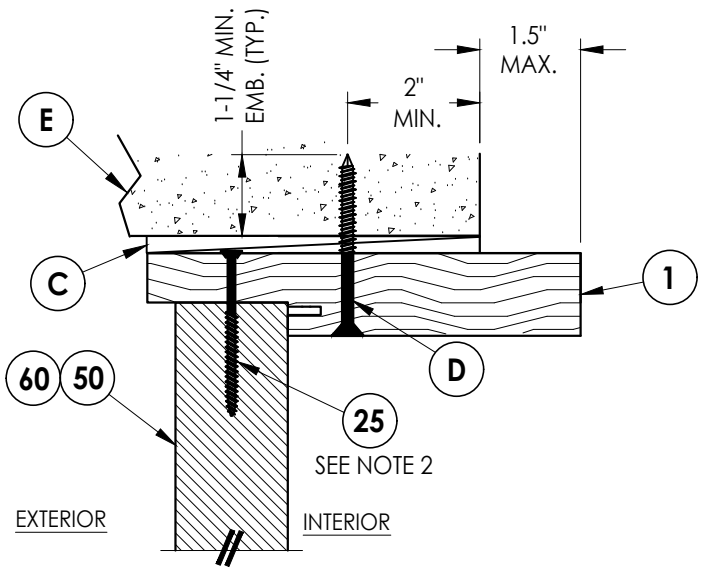
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.13-16.dwg

Notes:

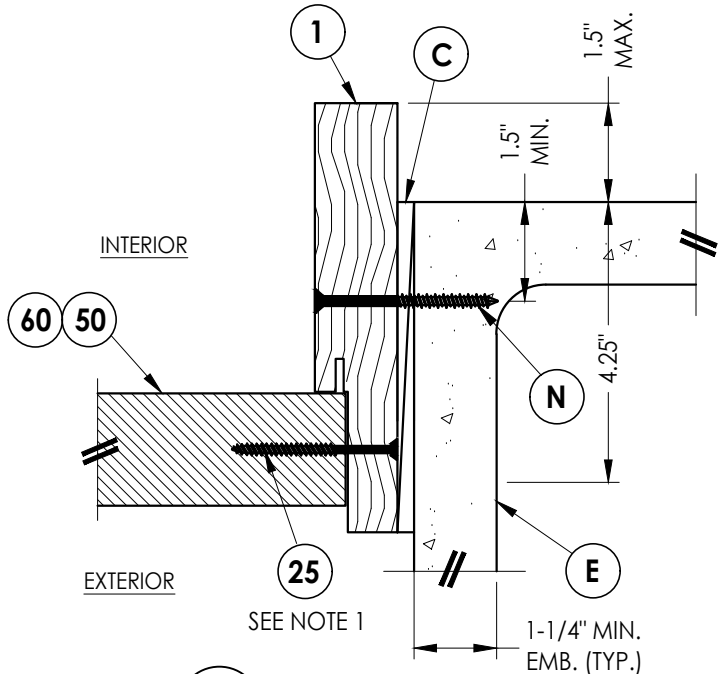
1. Sidelite assembly screws located 6" from each end plus 5 more equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



2
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



3
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/22/20	UPDATE TO 7th ED. (2020) FBC LFS
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC JK

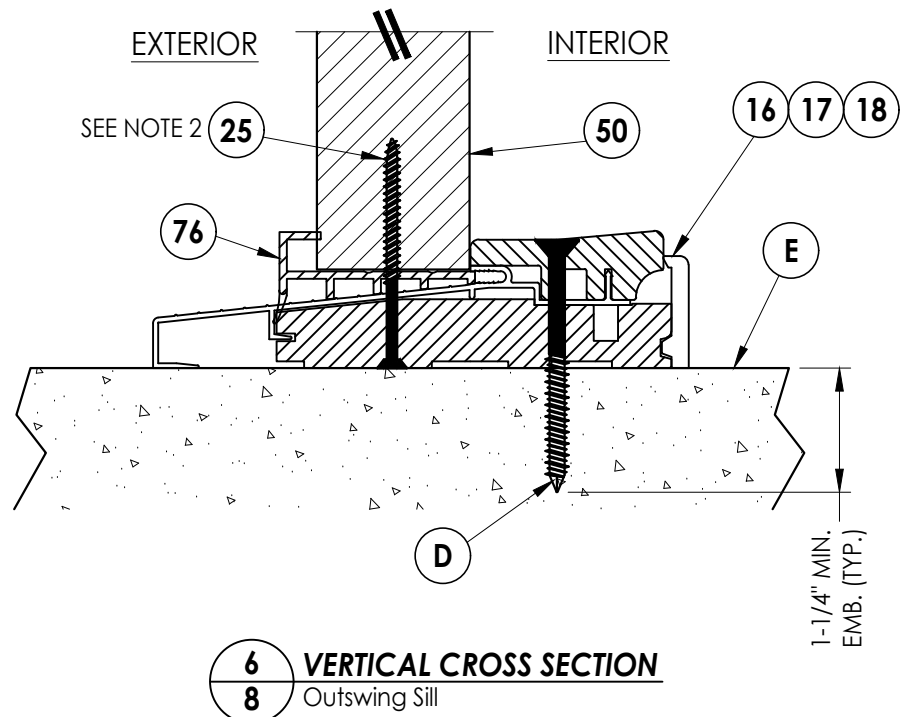
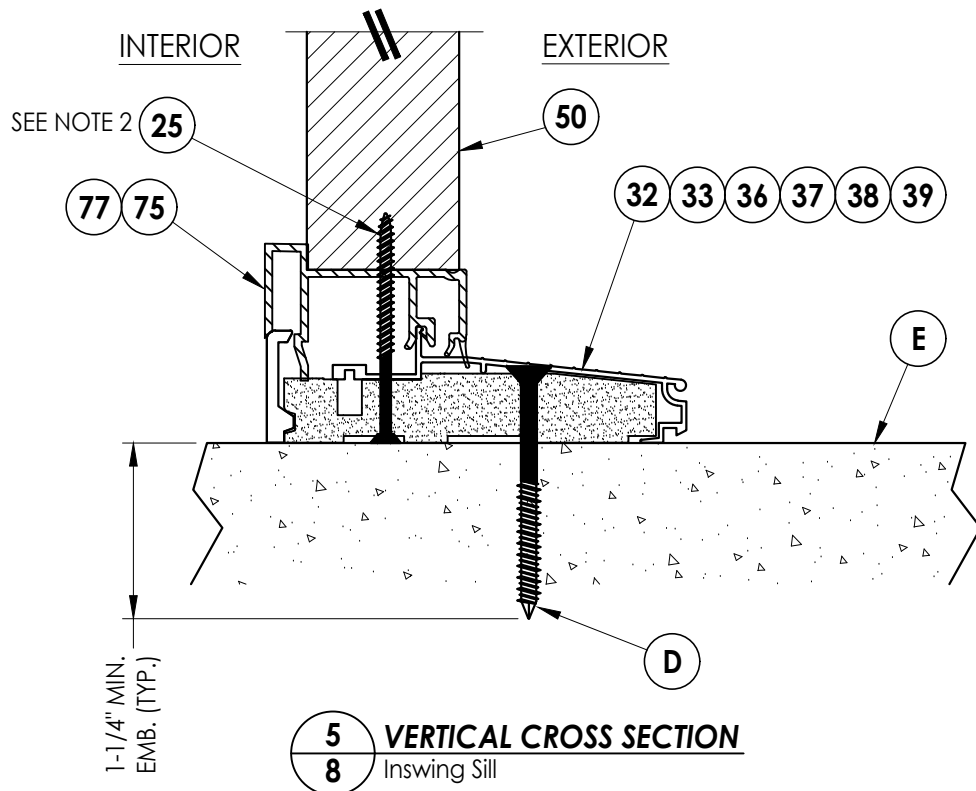
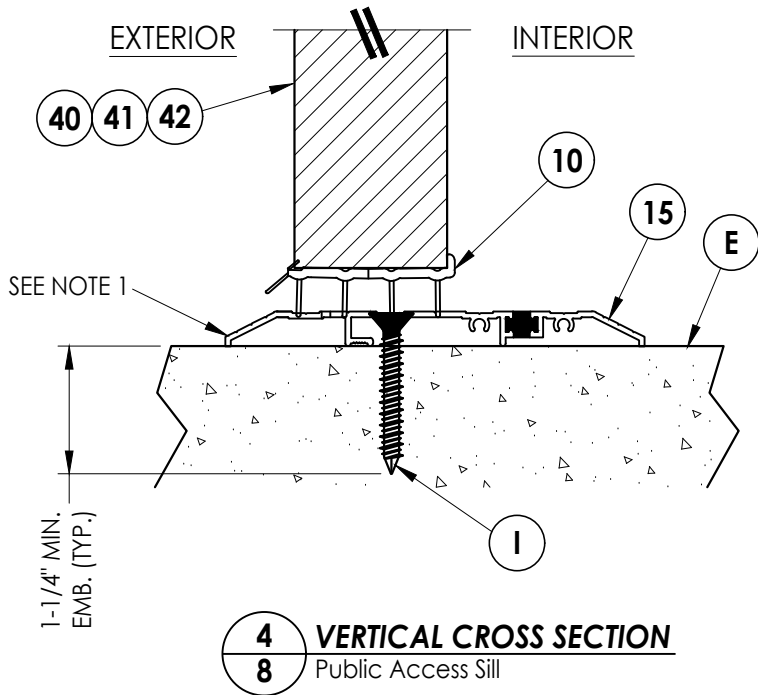
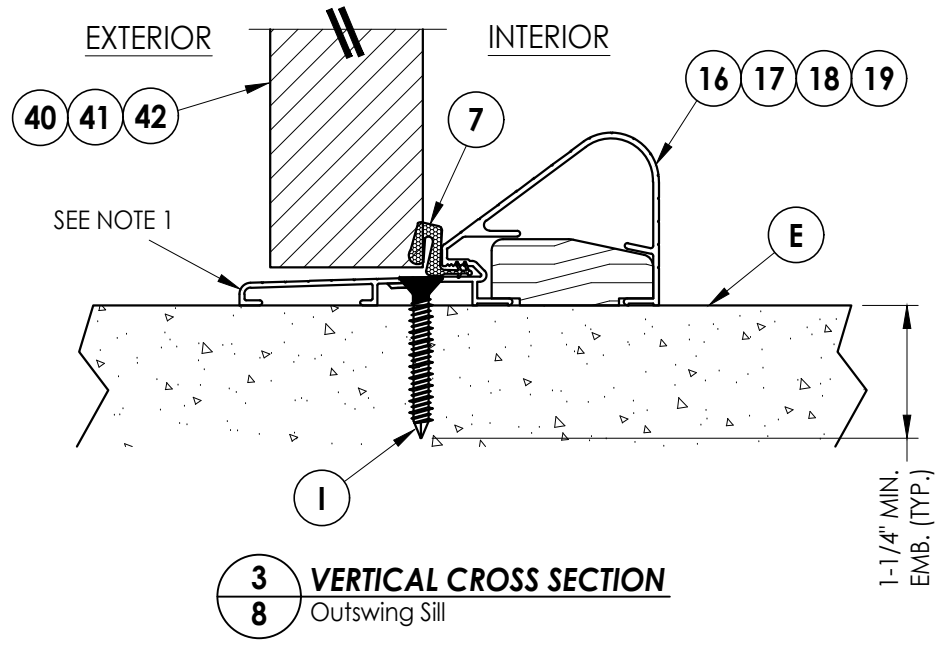
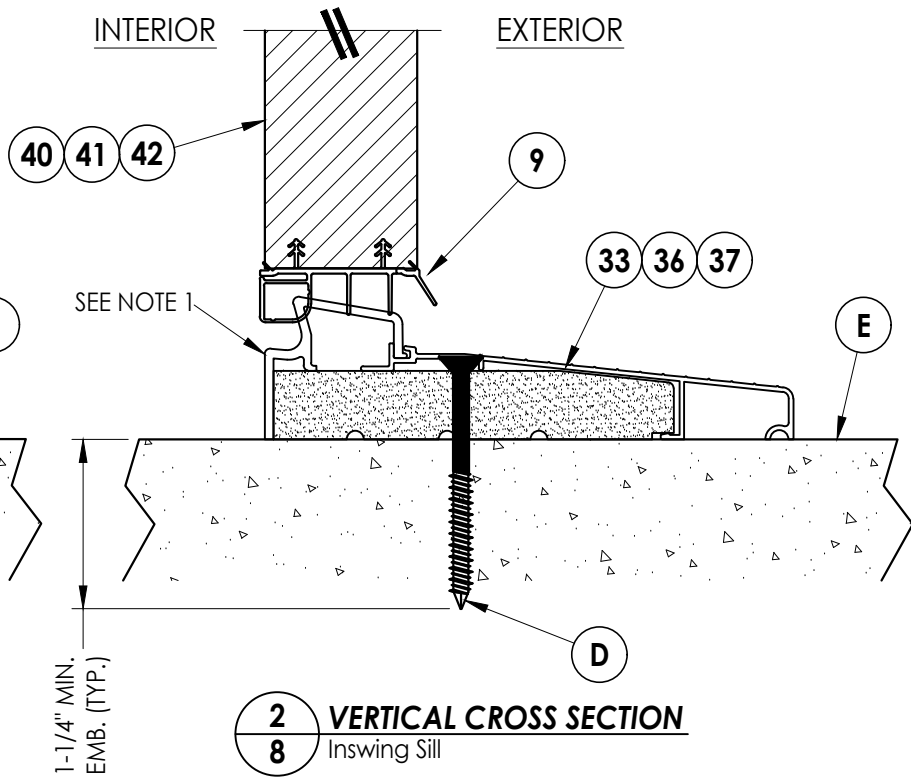
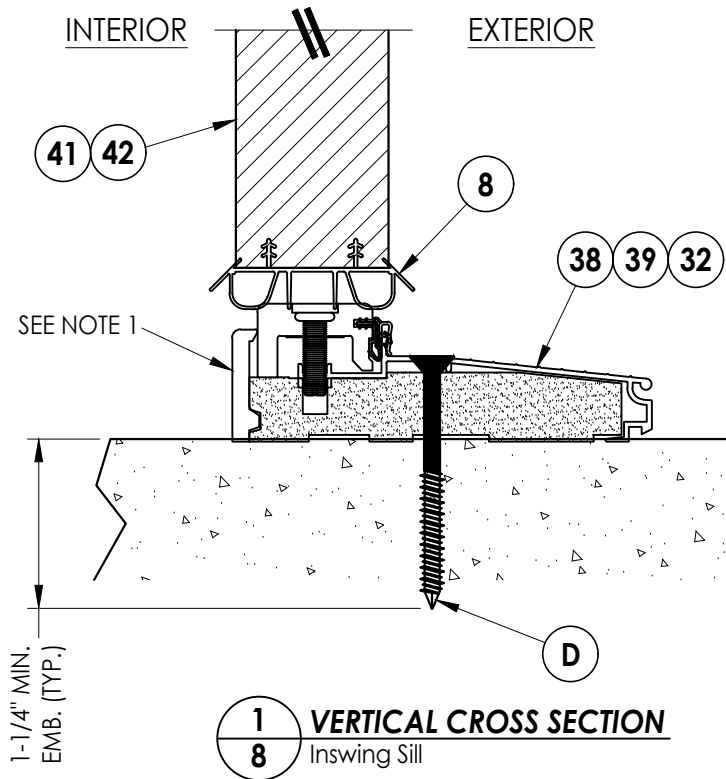
DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20470.14
SHEET	7 OF 13

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

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.13-16.dwg

- Notes:
- Sill Item #'s 16, 32, 33, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 17, 18 & 19 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS at each end.
 - Sidelite assembly screws located 3" from each end & at centerline (3 screws along sill).



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

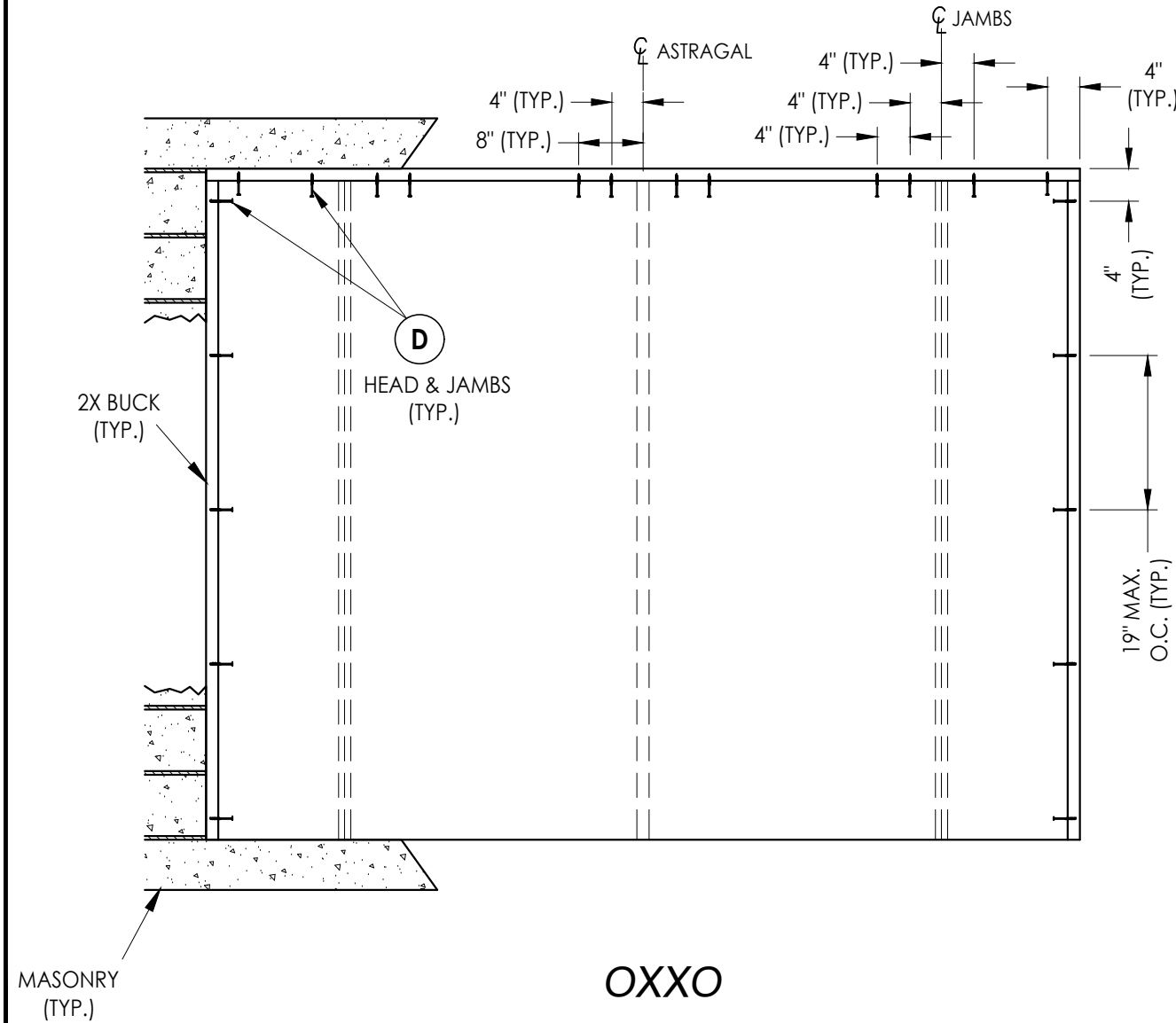
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

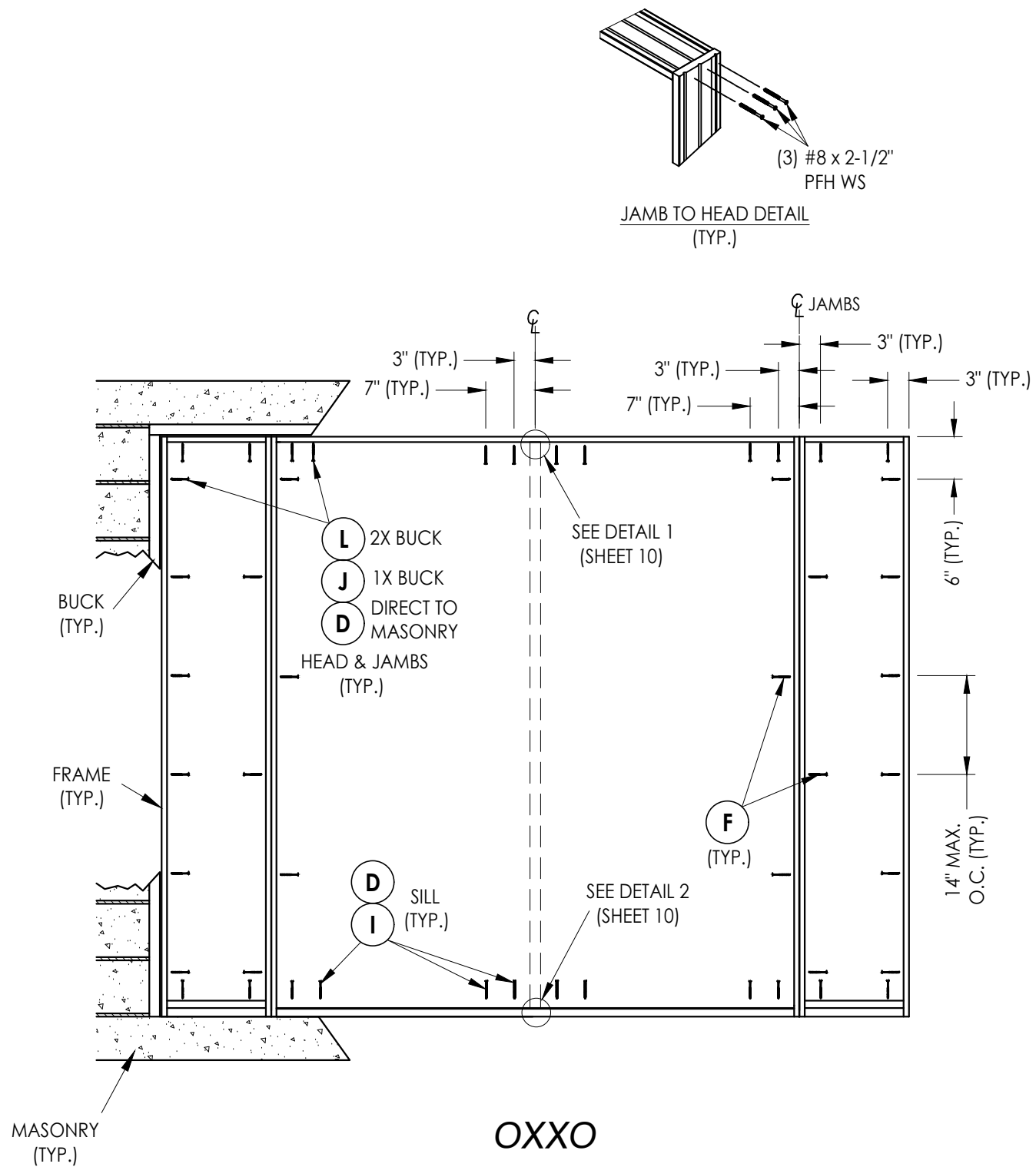
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS			
		BY	JK	LFS	LFS
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS	
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20470.14
SHEET 8 OF 13



2X BUCK ANCHORING



FRAME ANCHORING

(3) #8 x 2-1/2"
PFH WS

JAMB TO HEAD DETAIL
(TYP.)

4	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/25/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	7/22/20	UPDATE TO 7th ED	(2020)	FBC	LFS
1	7/14/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
NO.	DATE				
					REVISIONS

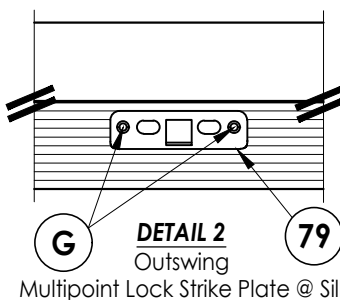
DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20470.14
SHEET	9 OF 13

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

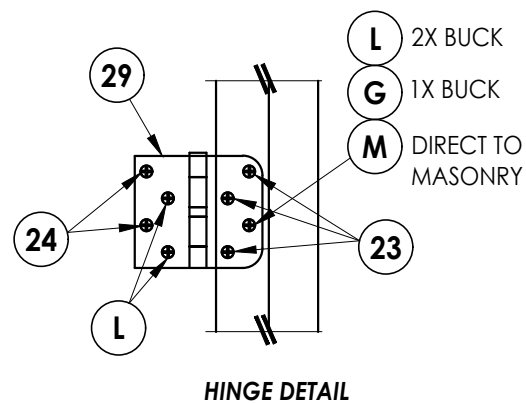
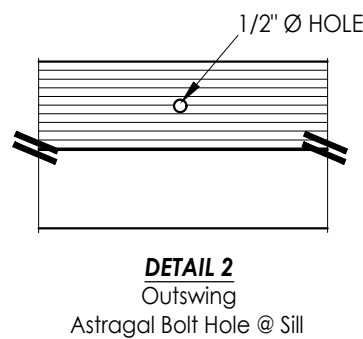
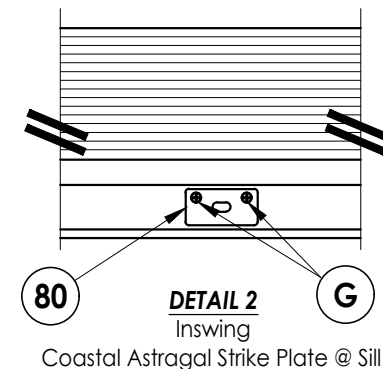
PRODUCT: THERMA TRU
FIBERGLASS DOOR

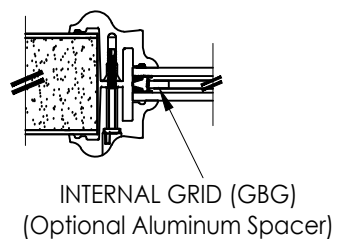
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

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

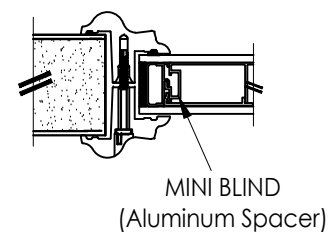
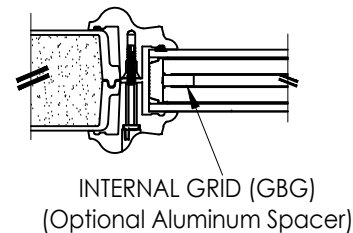
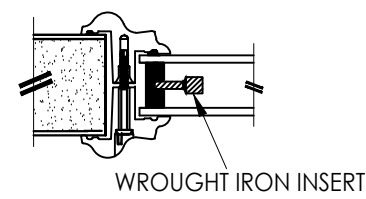


MULTIPOINT LOCK STRIKE DETAILS

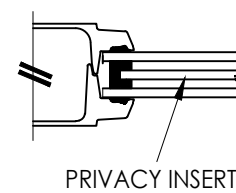
[illegible]



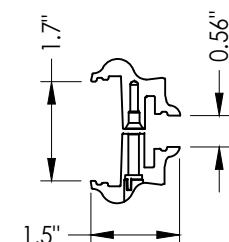
9/16" INSULATED GLASS INSERT OPTIONS



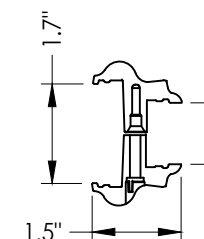
1" INSULATED GLASS INSERT OPTIONS



3/4" INSULATED GLASS INSERT OPTIONS



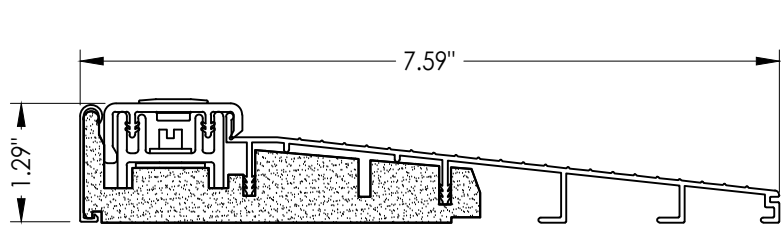
3A **BTS LITE FRAME**
1/2" & 9/16" Glazing



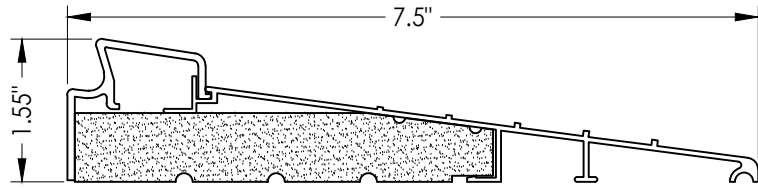
3B **BTS LITE FRAME**
1" Glazing

[illegible]

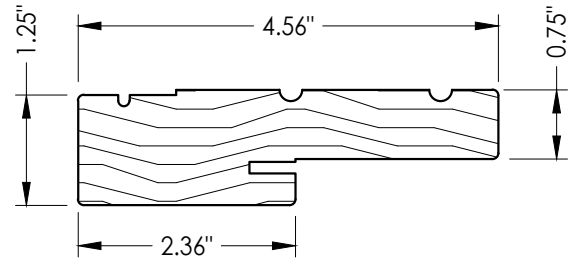
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.13-16.dwg



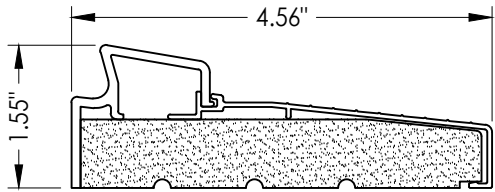
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



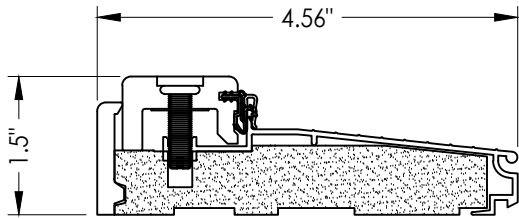
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



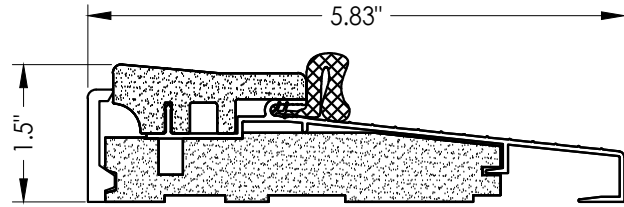
1 WOOD JAMB



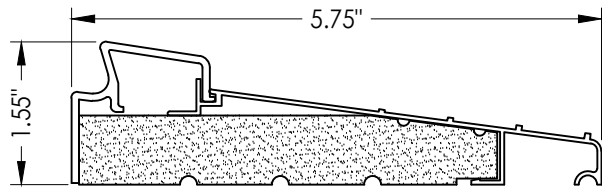
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



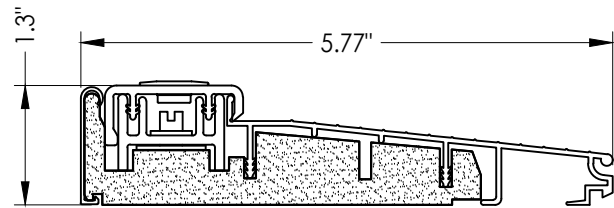
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



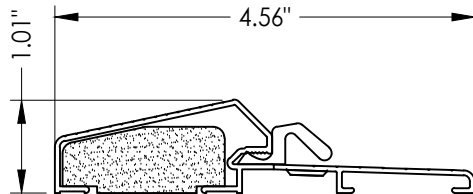
16 OUTSWING THRESHOLD
Composite Sill



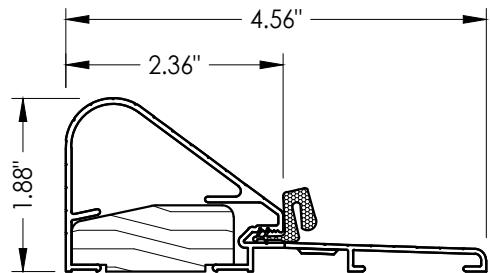
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



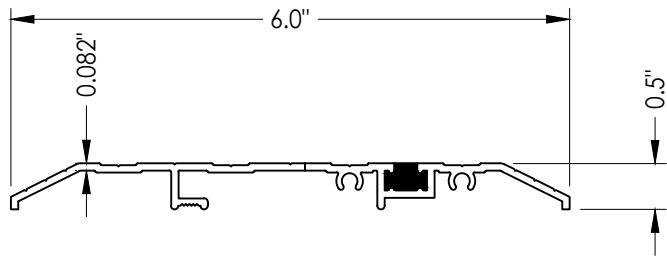
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



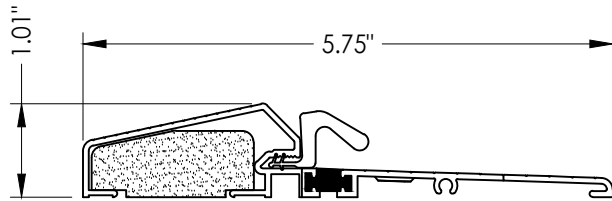
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



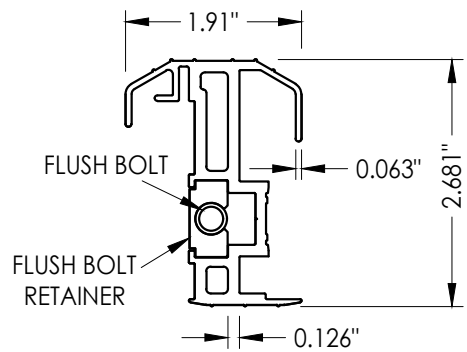
19 COASTAL OUTSWING THRESHOLD
Wood / Aluminum Sill



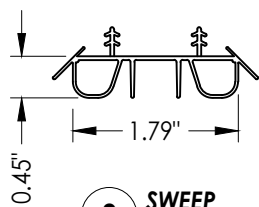
15 PUBLIC ACCESS THRESHOLD



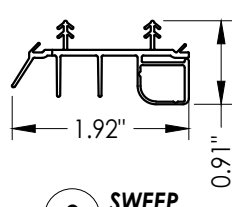
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



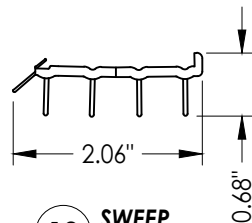
20 COASTAL ALUMINUM ASTRAGAL



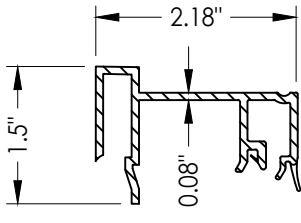
8 SWEEP



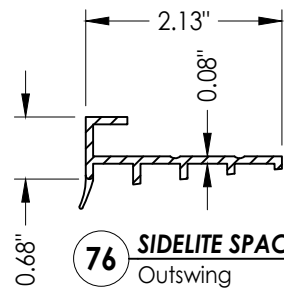
9 SWEEP



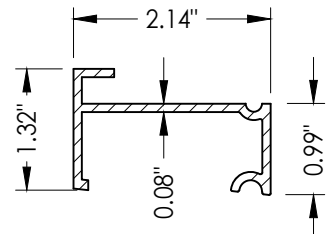
10 SWEEP



75 SIDELITE SPACER
Inswing



76 SIDELITE SPACER
Outswing



77 SIDELITE SPACER
Inswing
Moderate Climate Threshold

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:

COMPONENTS

NO.	DATE	REVISIONS	BY
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	7/22/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC	JK

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20470.14

SHEET 12 OF 13

