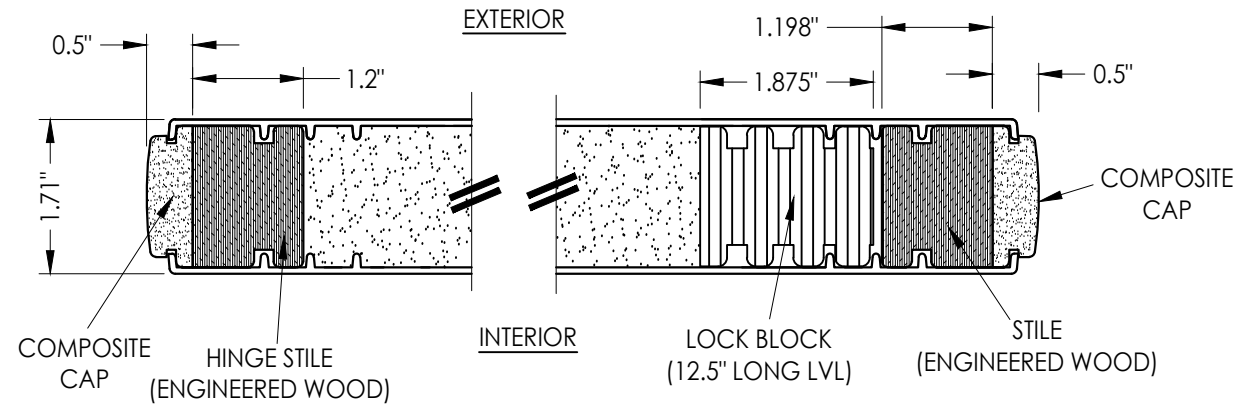
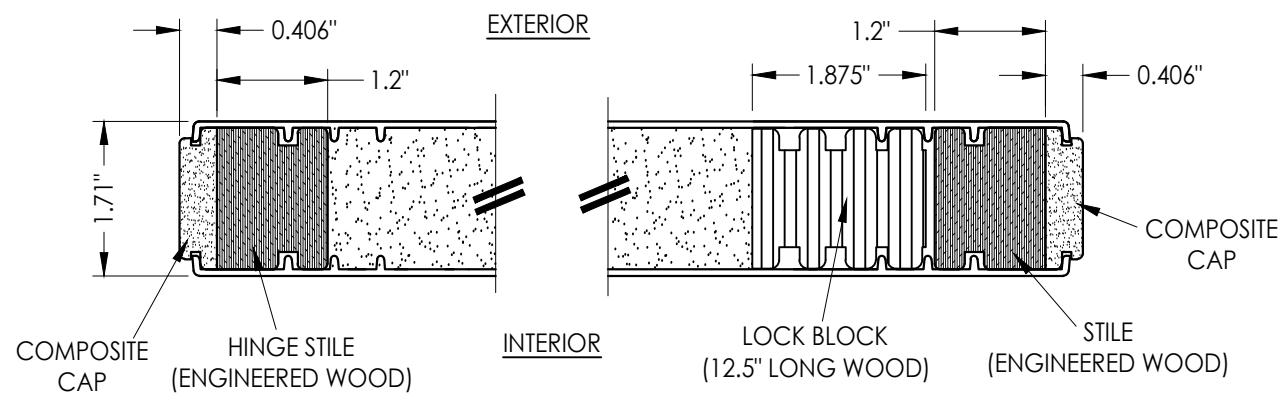


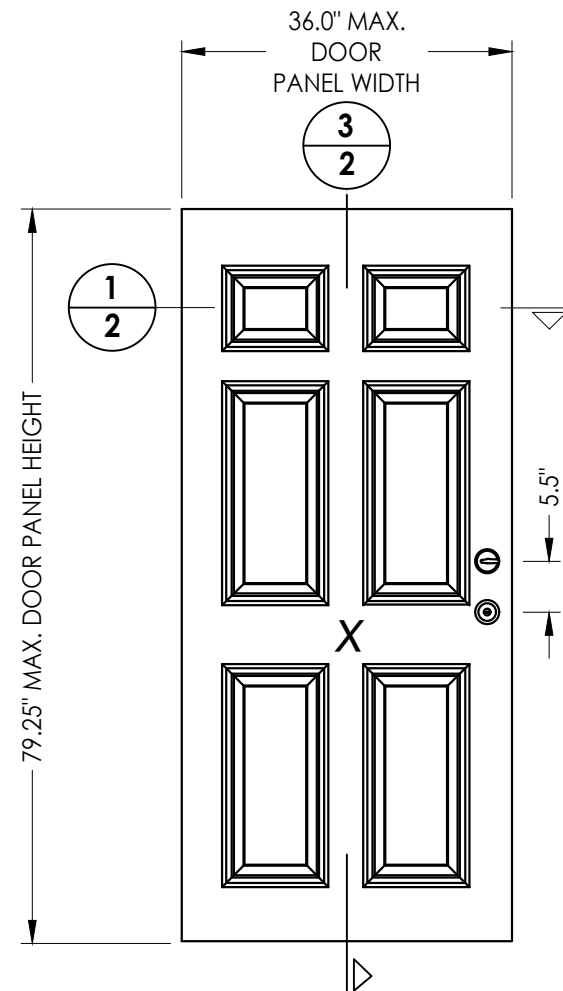
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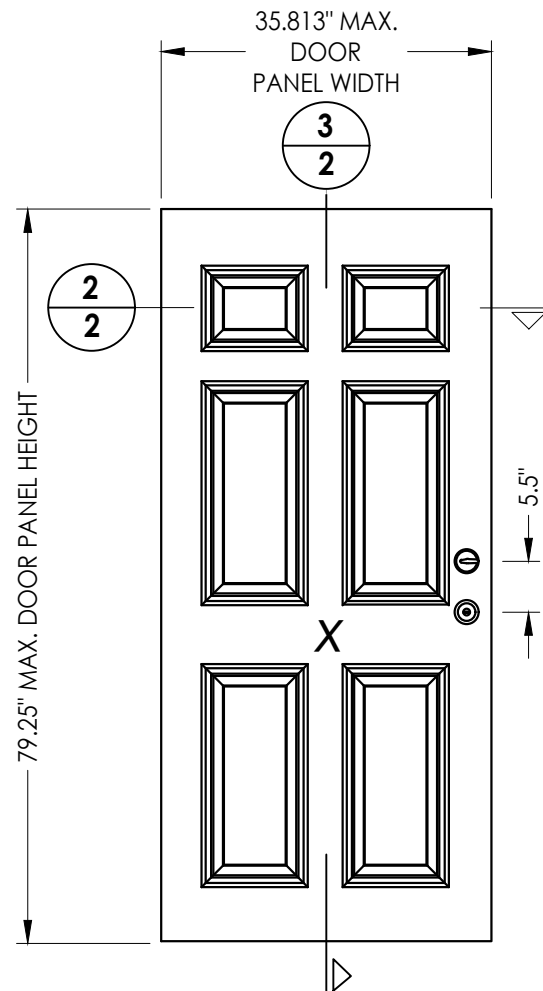
1
2 HORIZONTAL CROSS SECTION



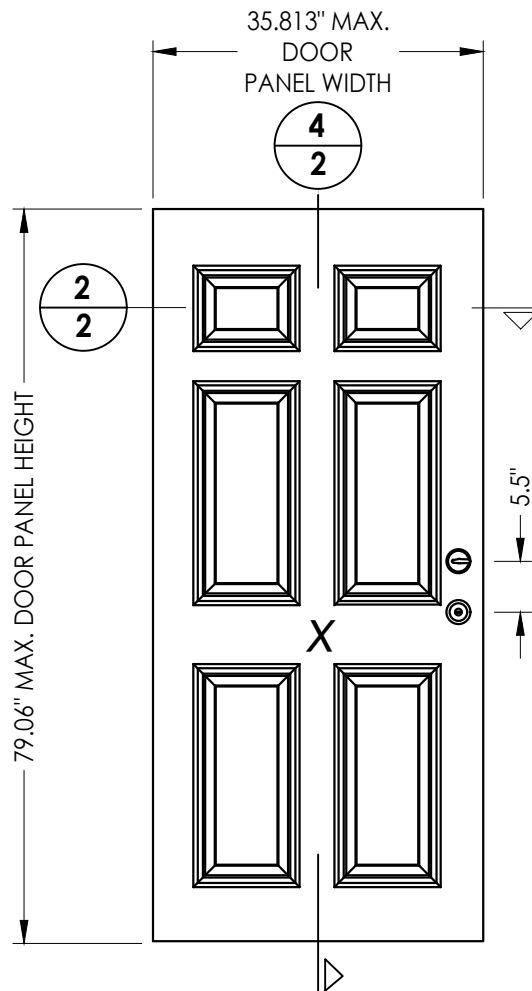
2
2 HORIZONTAL CROSS SECTION



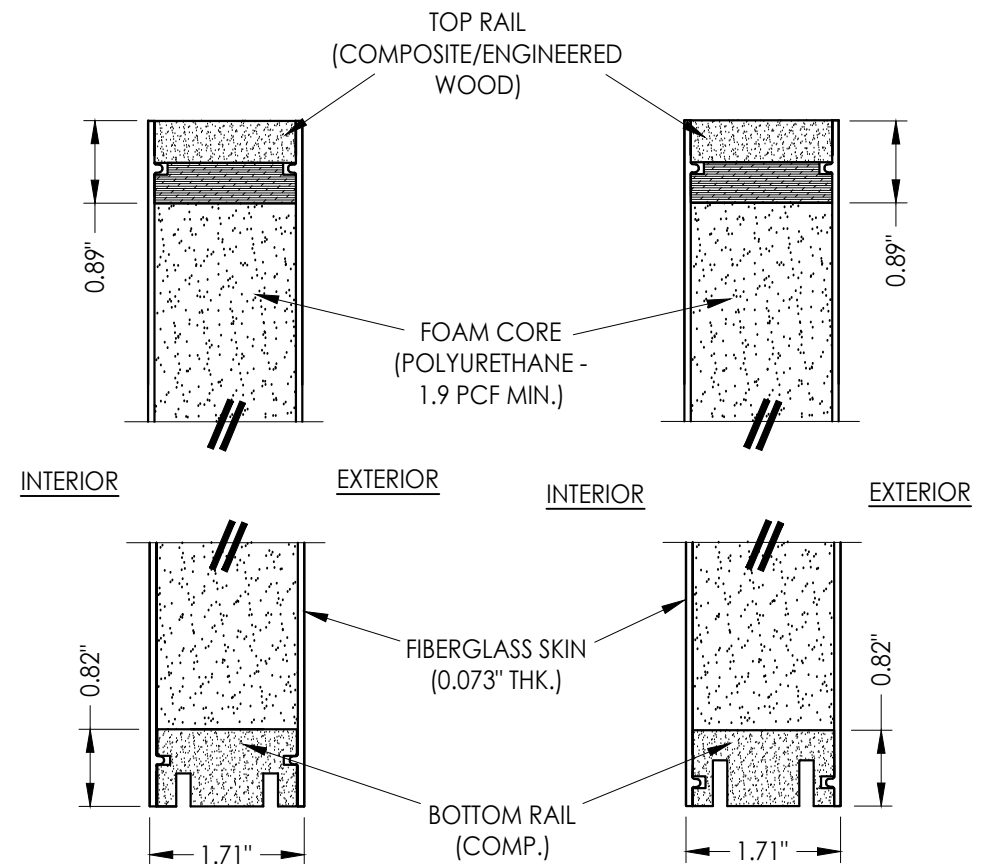
40 DOOR PANEL
BOOK



41 DOOR PANEL
Hybrid Door



42 DOOR PANEL
U1 Door



3
2 VERTICAL CROSS SECTION

4
2 VERTICAL CROSS SECTION

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

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

RW

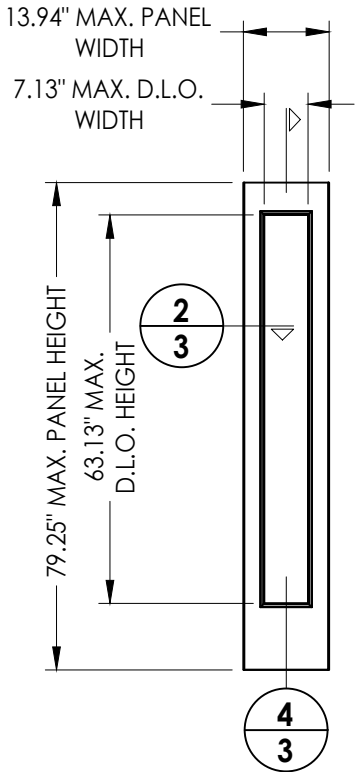
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

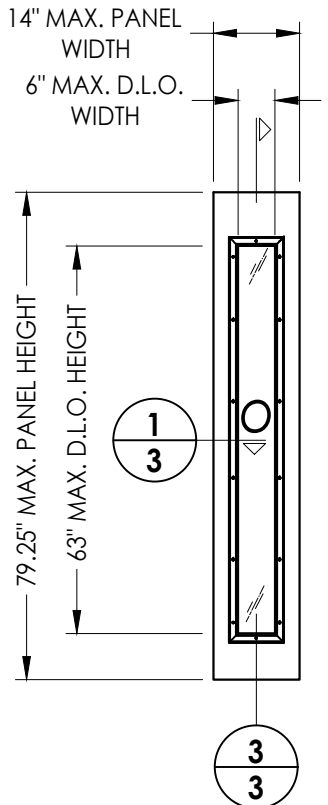
NO.	DATE	REVISIONS
3	7/2/26	UPDATE TO 9TH ED. (2026) FBC
2	8/21/23	UPDATE TO 8TH ED. (2023) FBC
1	7/16/20	UPDATE TO 7th ED (2020) FBC

DATE:	03/07/20
SCALE:	N.T.S.
DWG. BY:	TJ
CHK. BY:	LFS
DRAWING NO.:	FL-21135.11
SHEET	2 OF 14

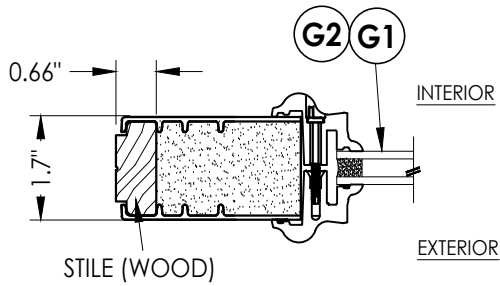
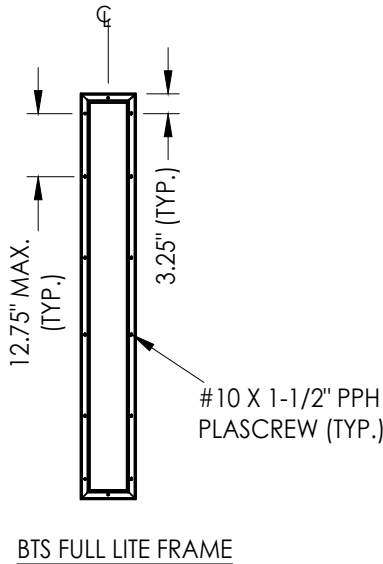
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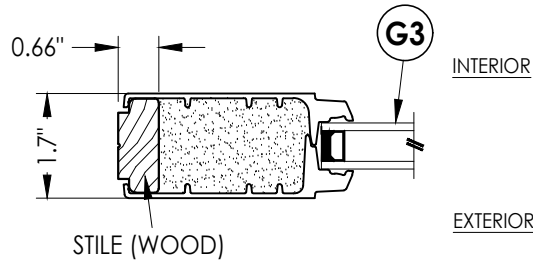
60 SIDELITE PANEL
Full Lite
Flush Glazed



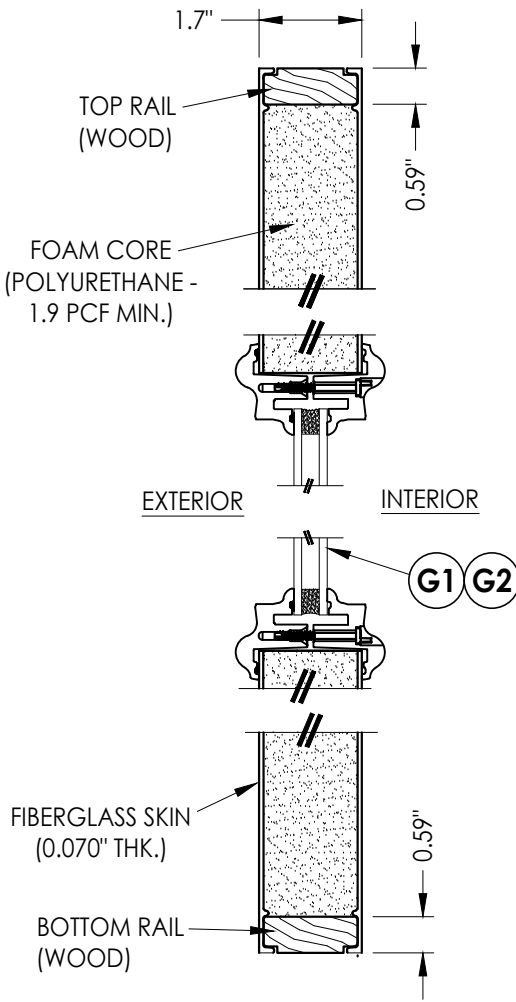
50 SIDELITE PANEL
Full Lite
Lip Lite



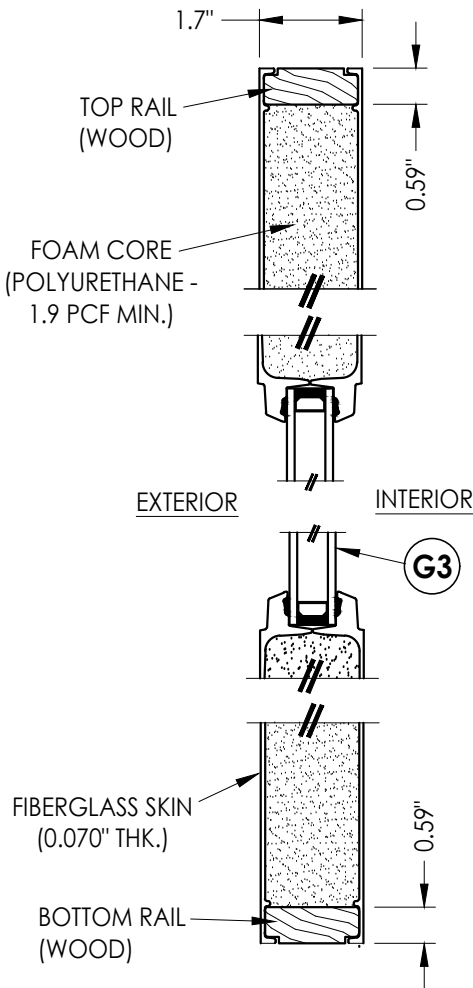
1 HORIZONTAL CROSS SECTION
Lip Lite Glazing



2 HORIZONTAL CROSS SECTION
Flush Glazing



3 VERTICAL CROSS SECTION
Lip Lite Glazing Shown



4 VERTICAL CROSS SECTION
Flush Glazing Shown

Documents Prepared By:
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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	BY
3	7/2/26	UPDATE TO 9TH ED. (2026) FBC
2	8/21/23	UPDATE TO 8TH ED. (2023) FBC
1	7/16/20	UPDATE TO 7th ED (2020) FBC

DATE: 03/07/20

SCALE: N.T.S.

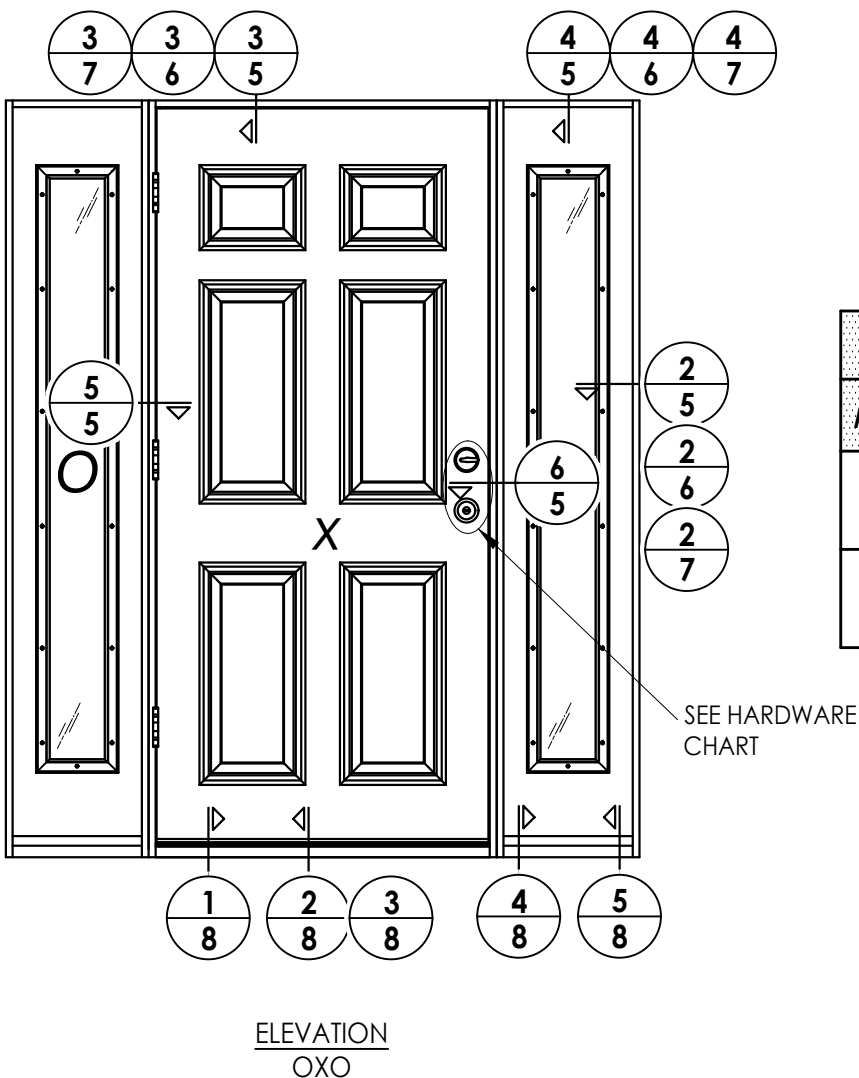
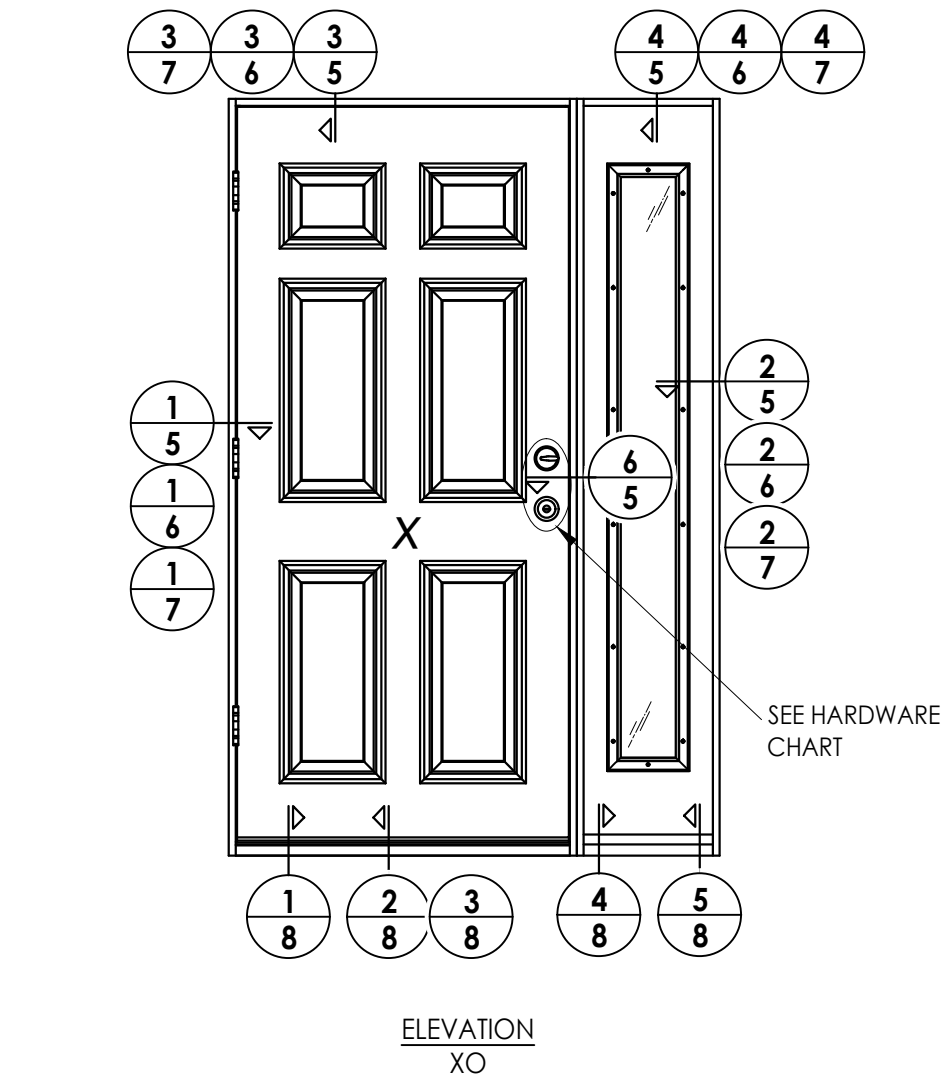
DWG. BY: TJ

CHK. BY: LFS

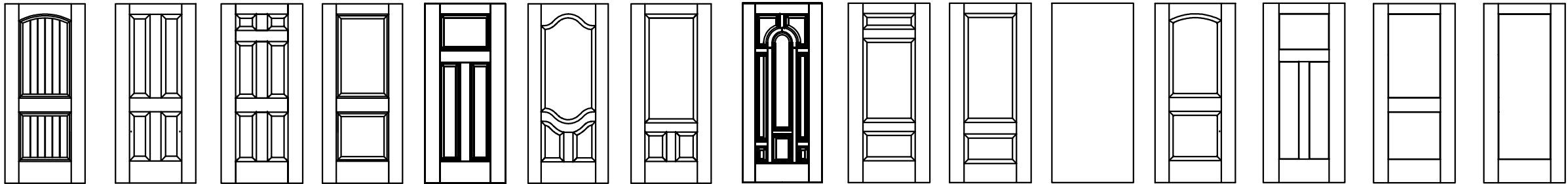
DRAWING NO.: FL-21135.11

SHEET 3 OF 14

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.10-13.dwg



HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	Knob:	F51
	Deadbolt:	B60
KWIKSET	Knob:	SIGNATURE SERIES
	Deadbolt:	SIGNATURE SERIES (980)



Benchmark Door Panel Options

Products approved include all embossed and recessed panel doors.
Similar opaque panel configurations are allowed.
Panels shown are for illustration and are representative only.

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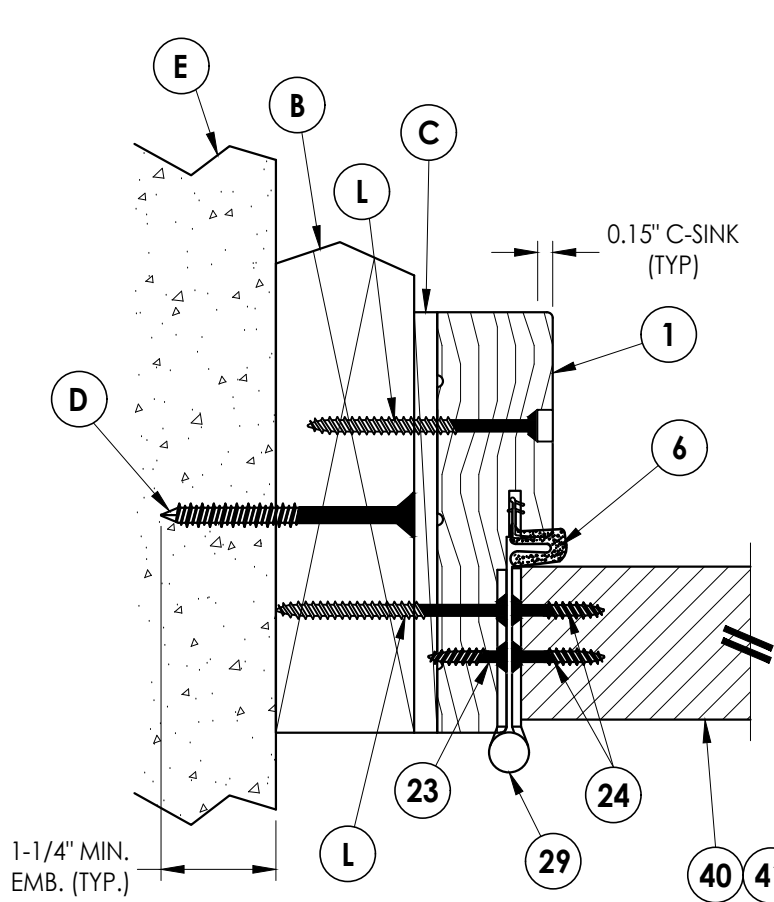
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	THERMA-TRU FIBERGLASS DOOR	
	PART OR ASSEMBLY: ELEVATIONS	

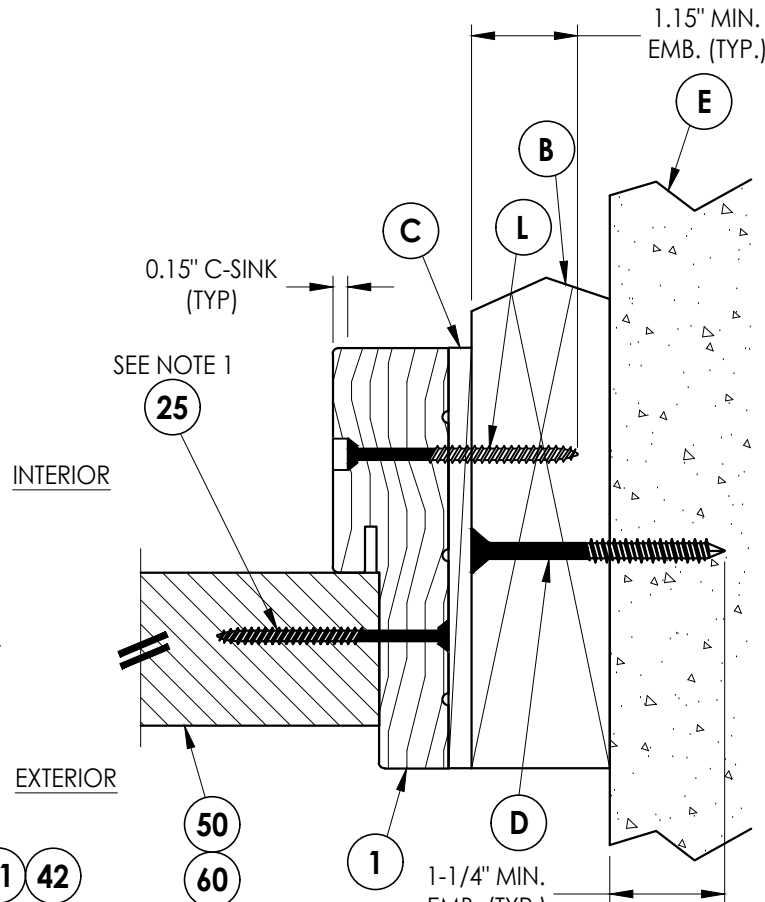
		REVISIONS	
NO.	DATE		
3	7/2/26	UPDATE TO 9TH ED. (2026)	FBC LFS
2	8/21/23	UPDATE TO 8TH ED. (2023)	FBC LFS
1	7/16/20	UPDATE TO 7th ED. (2020)	FBC PO

DATE: 03/07/20
SCALE: N.T.S.
DWG. BY: TJ
CHK. BY: LFS
DRAWING NO.: FL-21135.11
SHEET 4 OF 14

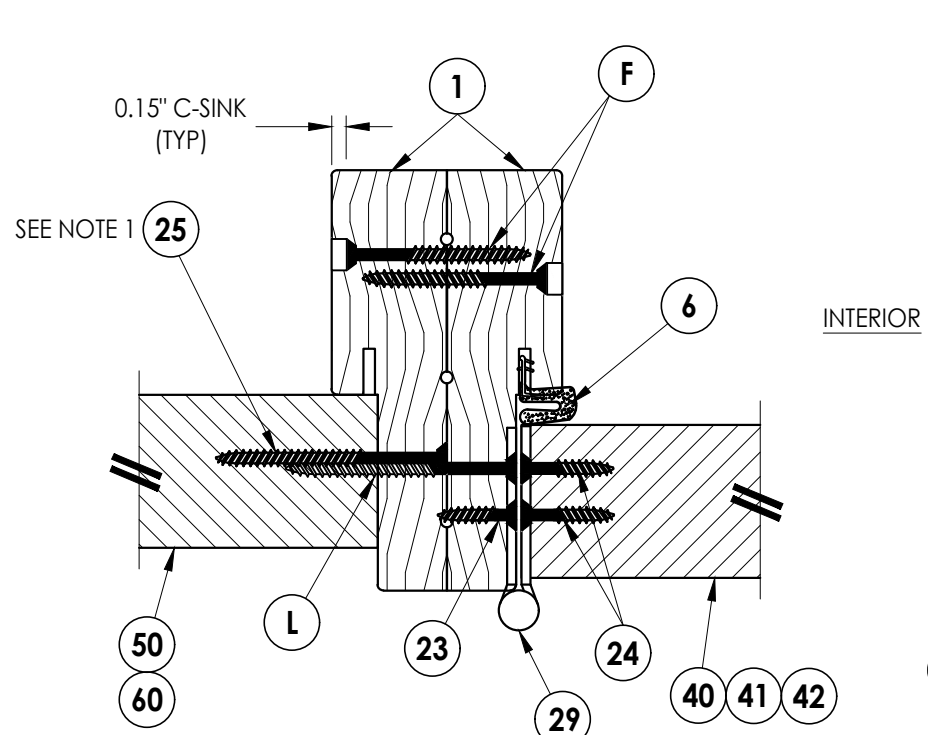
Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.10-13.dwg



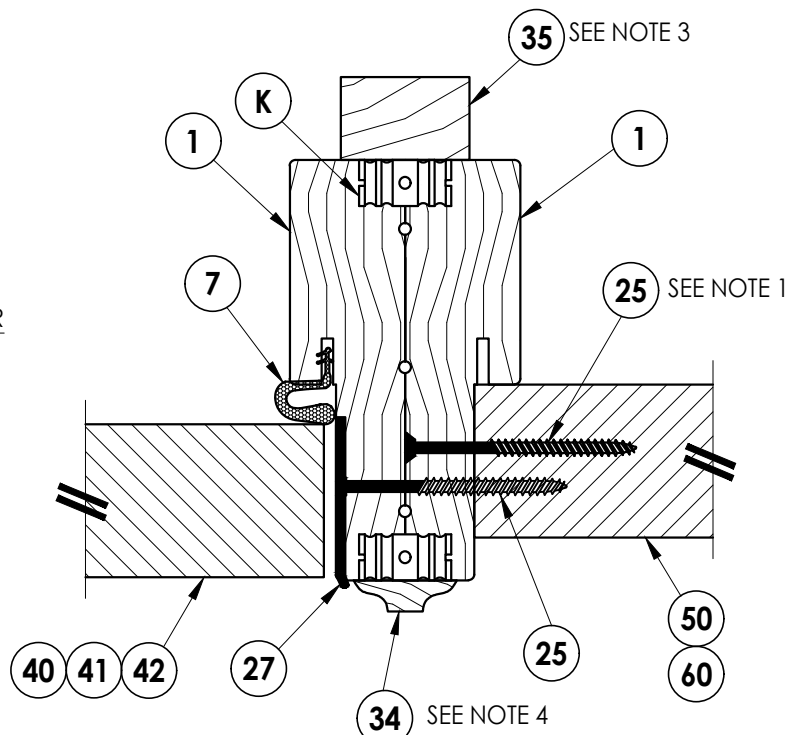
1 **HORIZONTAL CROSS SECTION**
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



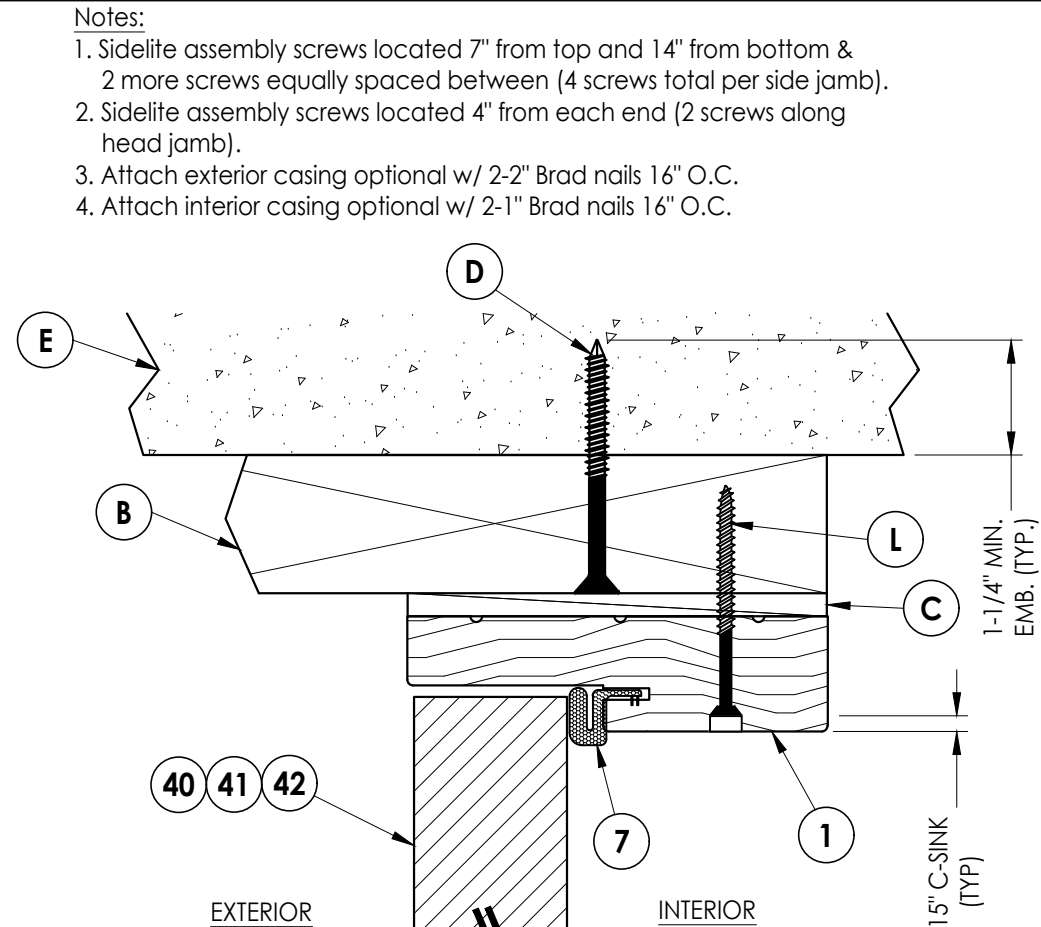
2 **HORIZONTAL CROSS SECTION**
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



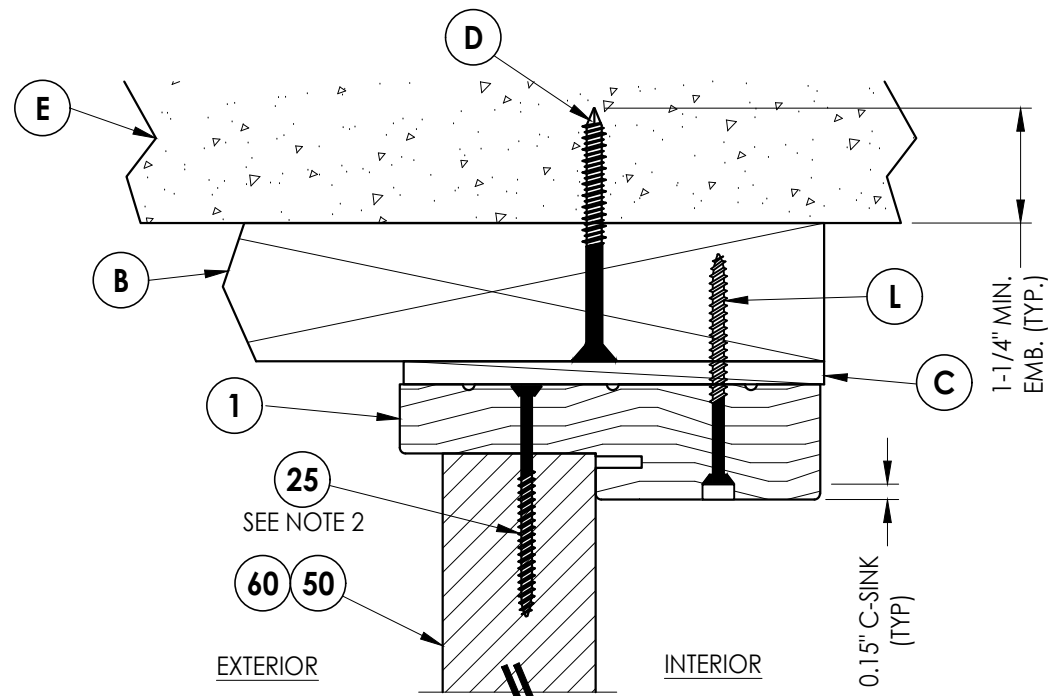
5 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



6 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)
Shown with Optional Corrugated Fasteners



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)

- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).
 3. Attach exterior casing optional w/ 2-2" Brad nails 16" O.C.
 4. Attach interior casing optional w/ 2-1" Brad nails 16" O.C.

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

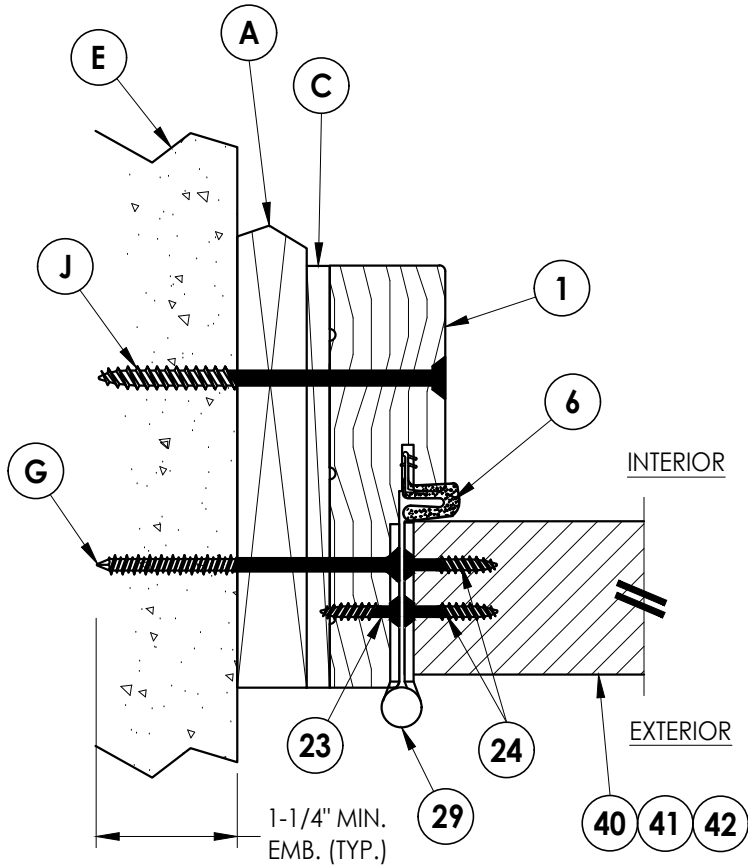
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
3	7/2/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/16/20	UPDATE TO 7th ED (2020) FBC PO
		BY

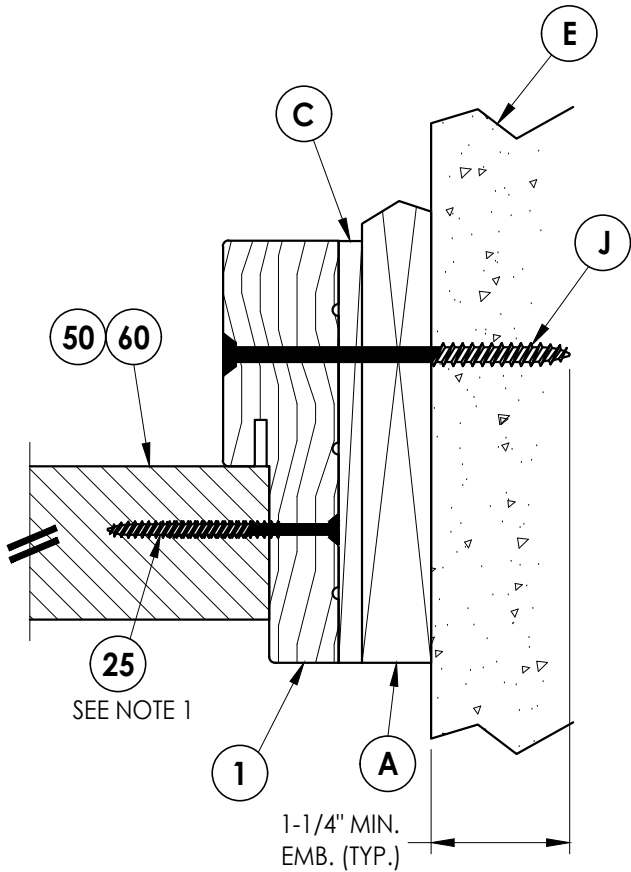
DATE:	03/07/20
SCALE:	N.T.S.
DWG. BY:	TJ
CHK. BY:	LFS
DRAWING NO.:	FL-21135.11
SHEET	5 OF 14

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.10-13.dwg

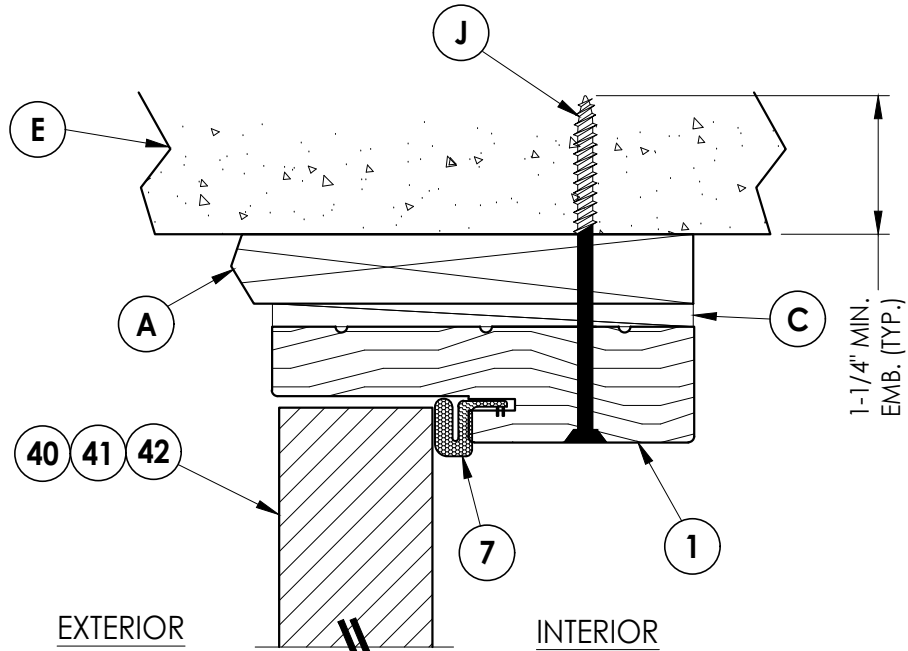
- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).



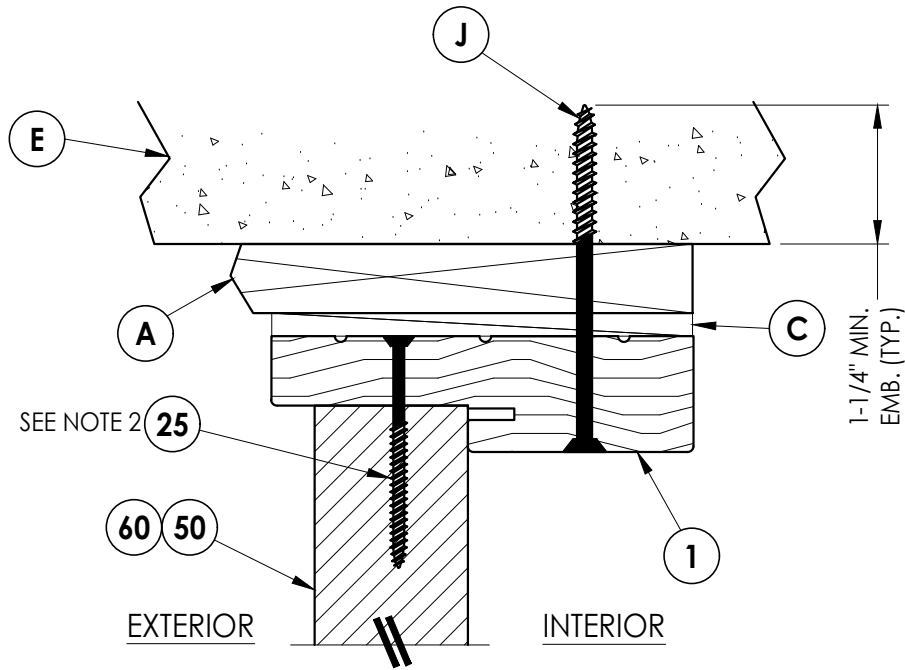
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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



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

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)**

					REVISIONS	
					NO.	DATE
3	7/2/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
2	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
1	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO		

DATE: 03/07/20

SCALE: N.T.S.

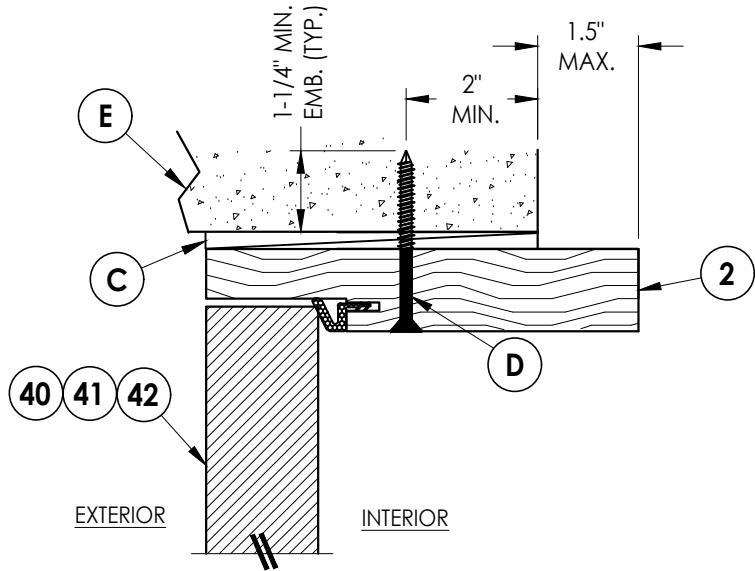
DWG. BY: TJ

CHK. BY: LFS

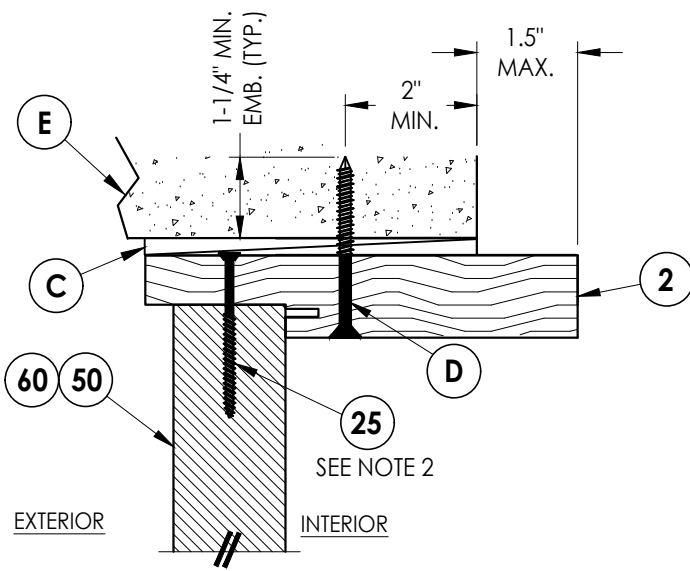
DRAWING NO.:
FL-21135.11

SHEET 6 OF 14

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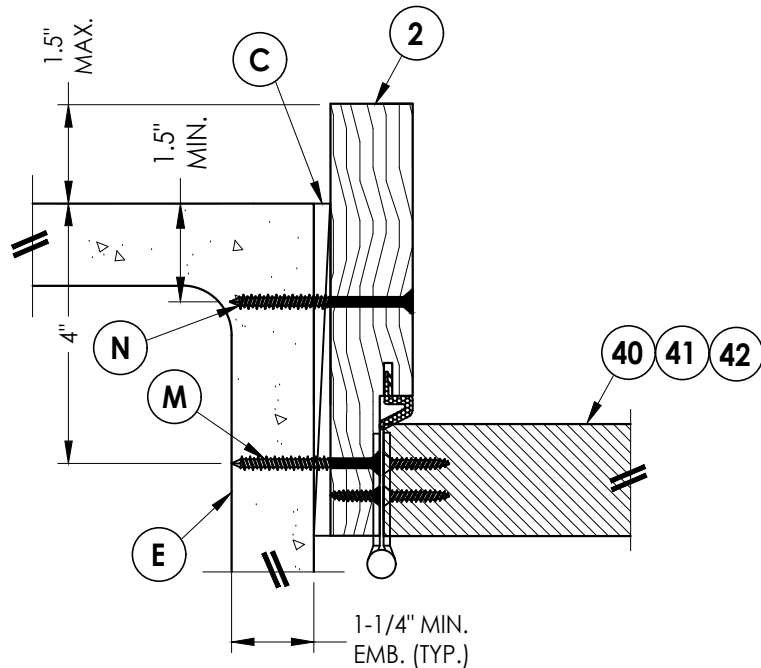


3
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

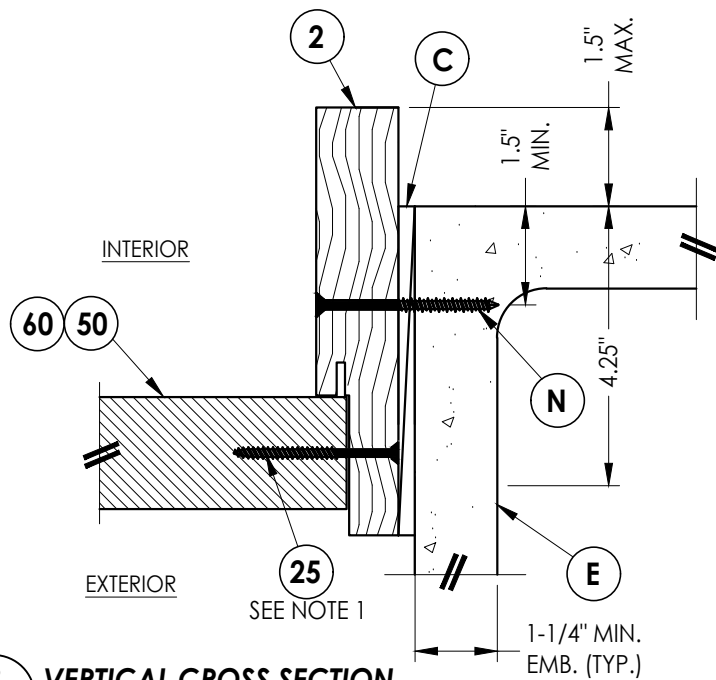


4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

- Notes:
- Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 - Sidelite assembly screws located 4" from each end (2 screws along head jamb).



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



2
7 **VERTICAL 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)	

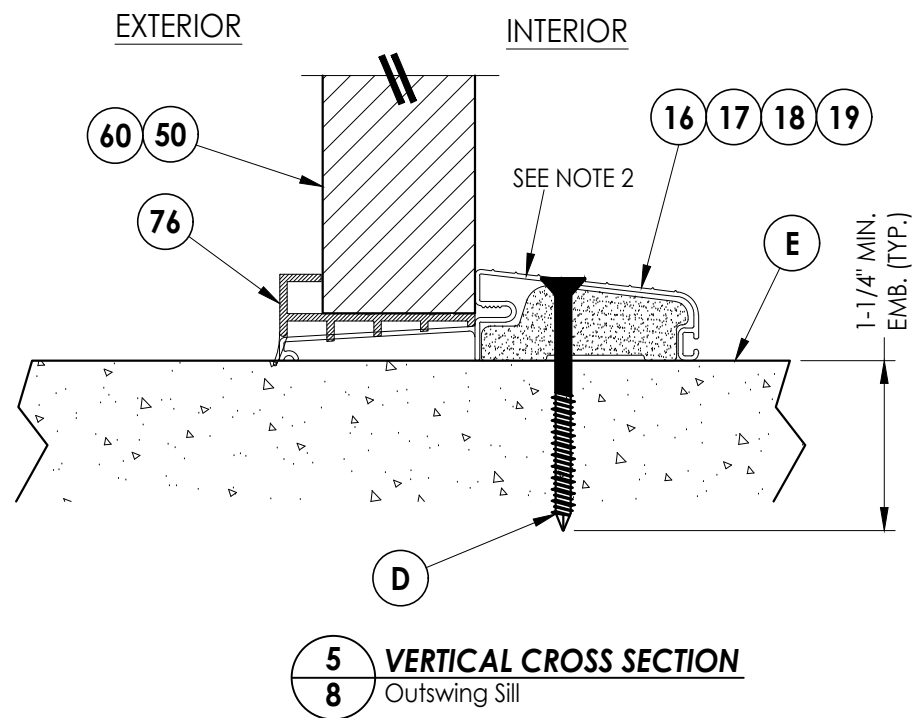
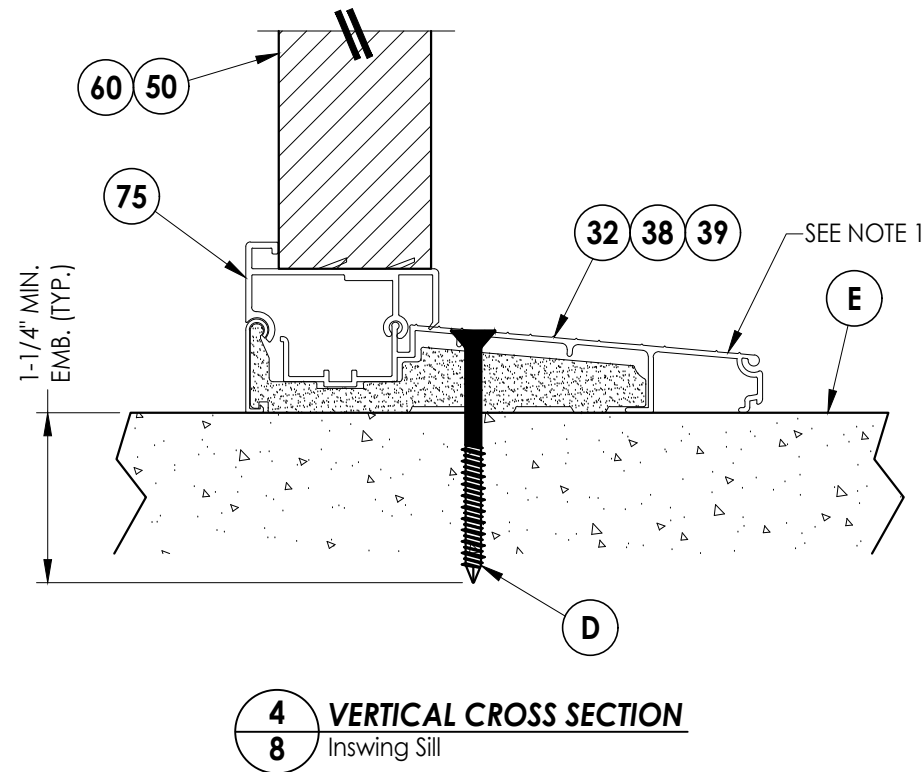
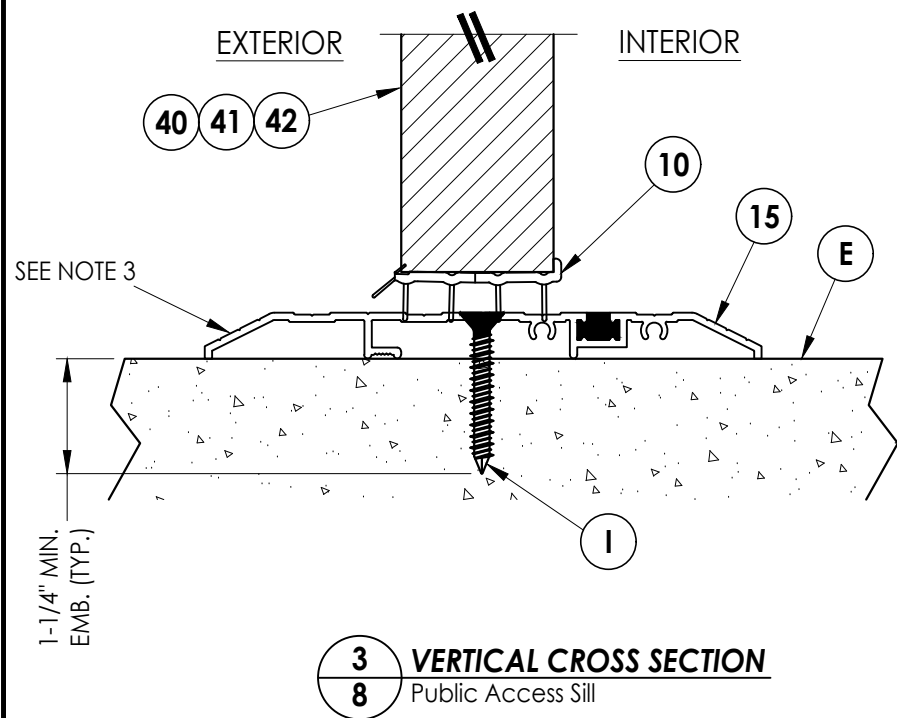
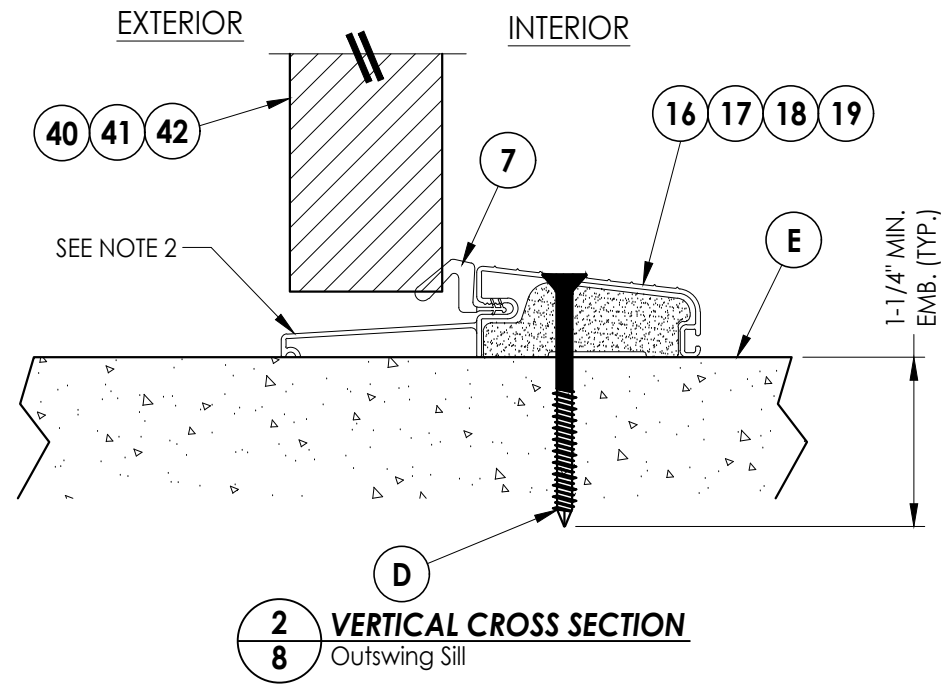
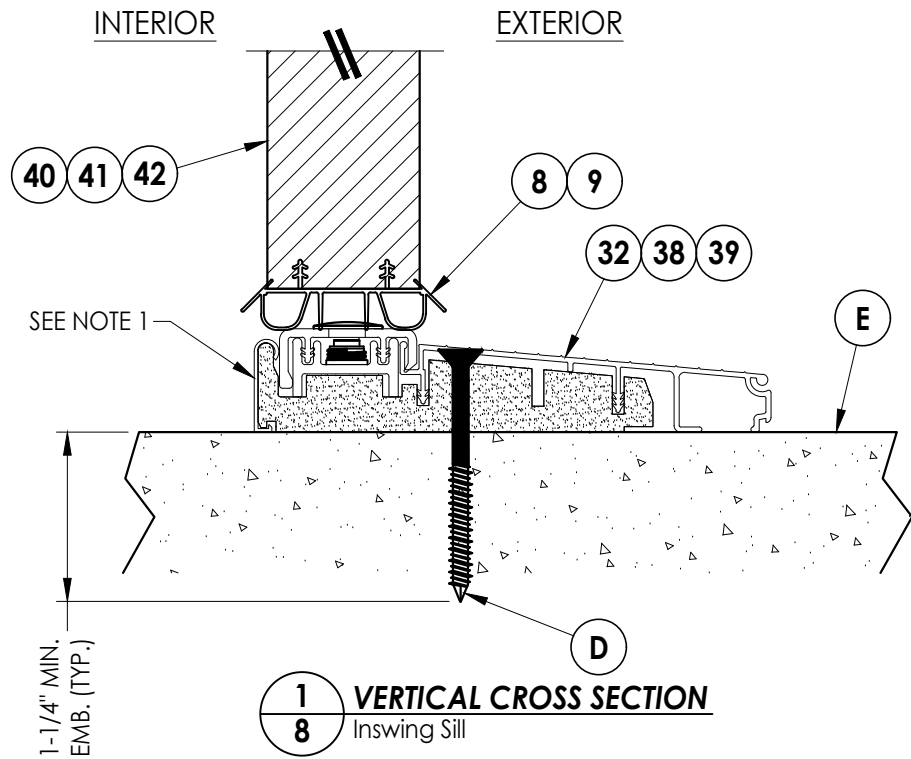
NO.	DATE	REVISIONS
3	7/2/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/16/20	UPDATE TO 7th ED (2020) FBC PO

DATE:	03/07/20
SCALE:	N.T.S.
DWG. BY:	TJ
CHK. BY:	LFS
DRAWING NO.:	FL-21135.11
SHEET	7 OF 14

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

- Notes:
- Sill Item #'s 32, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws or (3) 2.5" staples at each end.
 - Sill Item #'s 16, 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.



Documents Prepared By:
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P.E. No. 43409

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

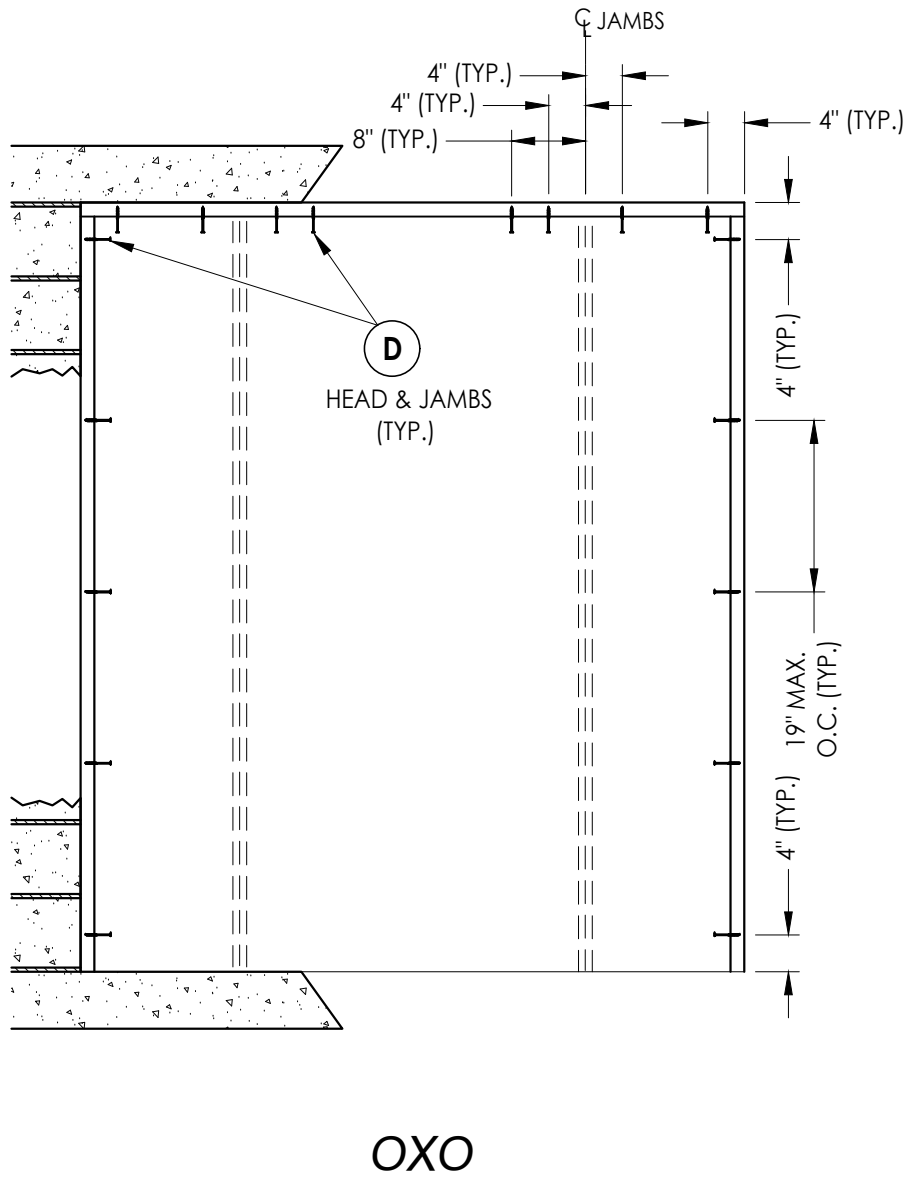
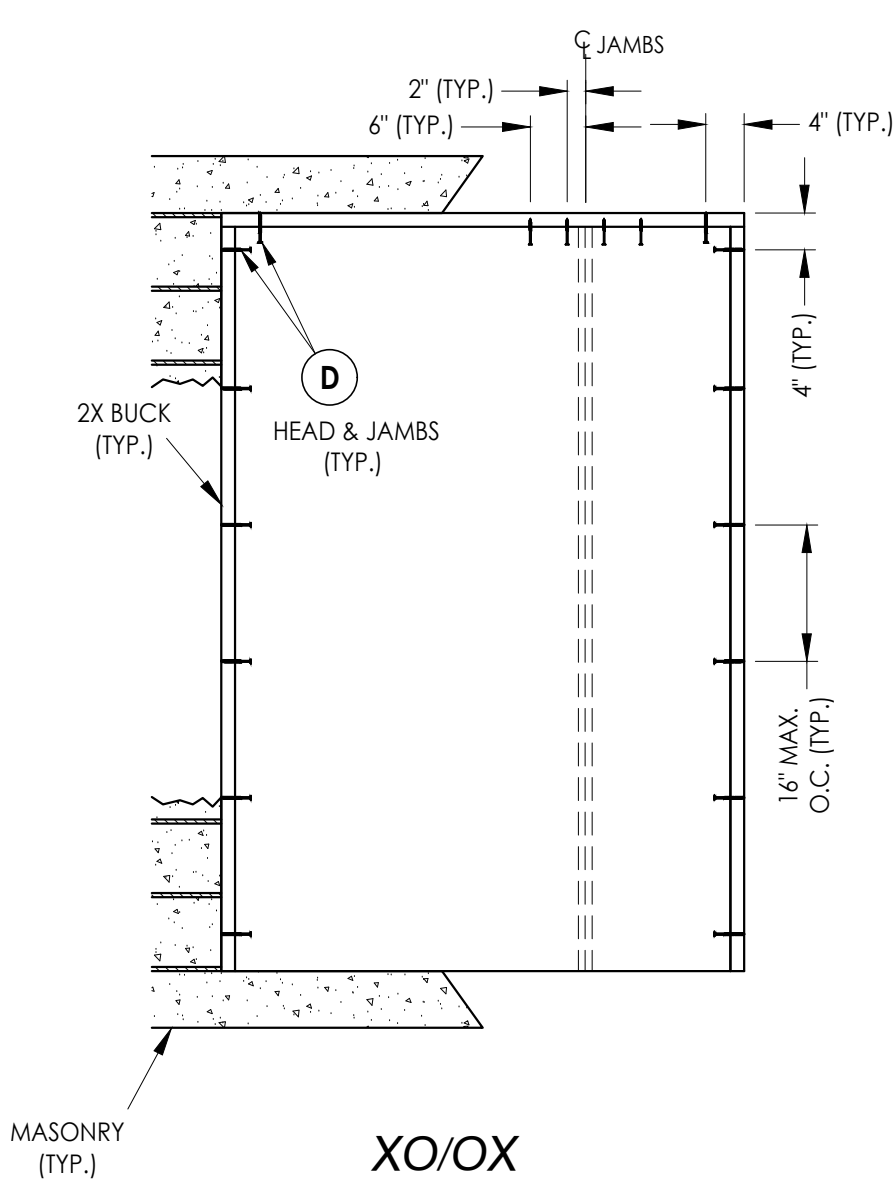
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	BY
3	7/2/26	LFS
2	8/21/23	LFS
1	7/16/20	PO

DATE: 03/07/20
SCALE: N.T.S.
DWG. BY: TJ
CHK. BY: LFS
DRAWING NO.: FL-21135.11
SHEET 8 OF 14

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.10-13.dwg

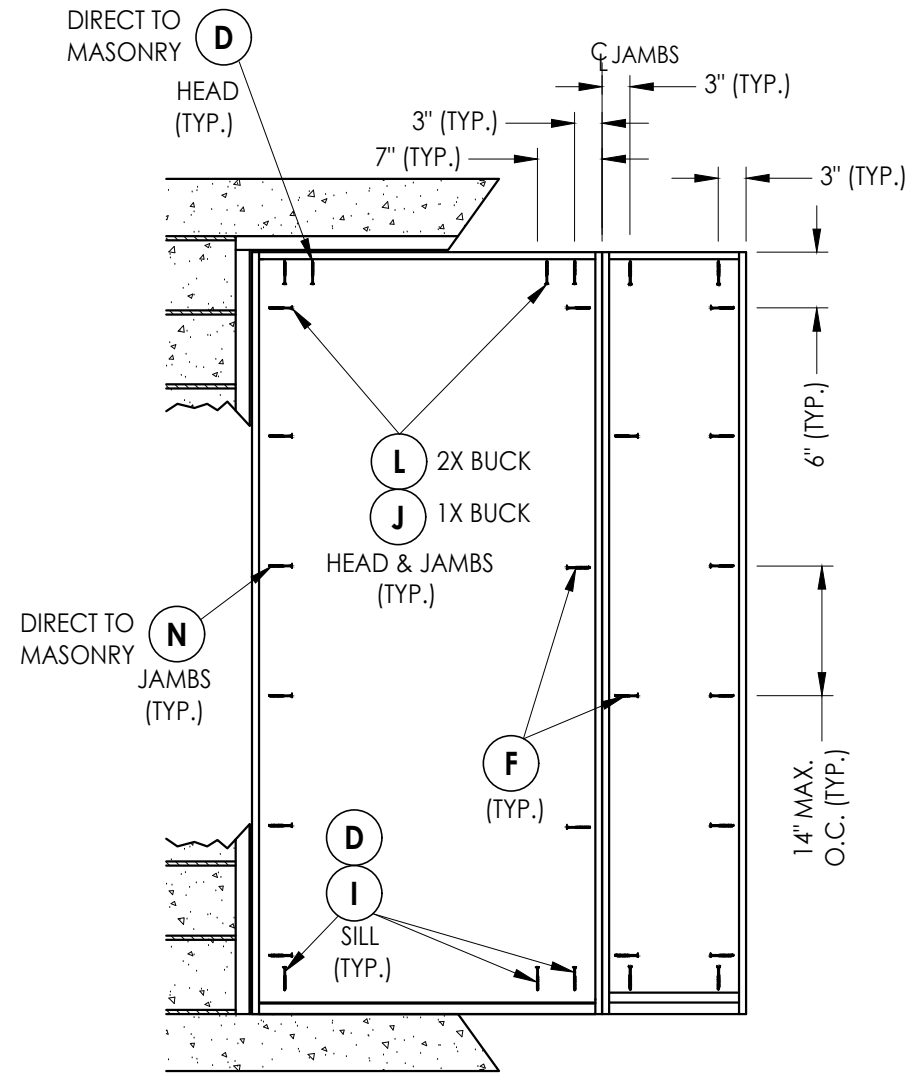


2X BUCK ANCHORING

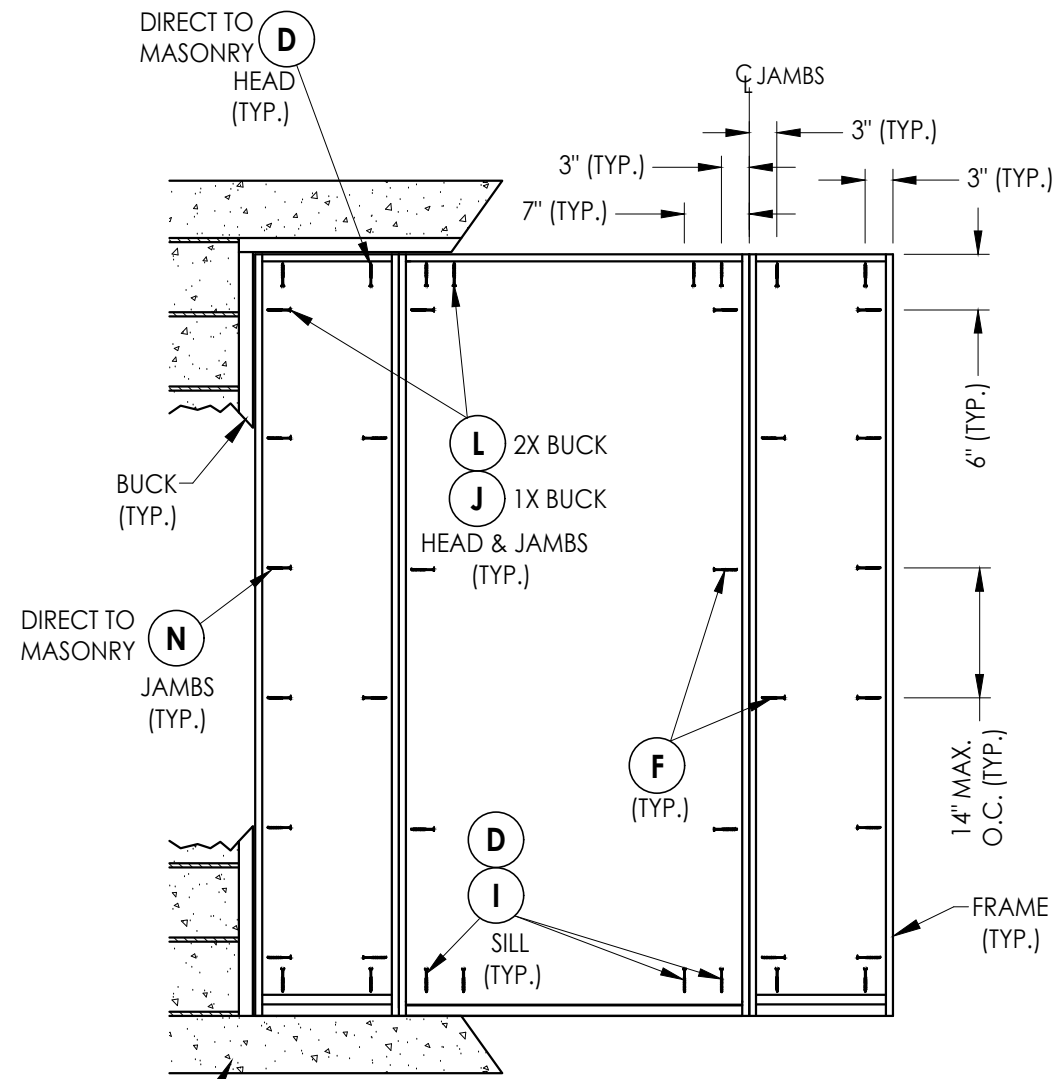
DATE: 03/07/20	
SCALE: N.T.S.	
DWG. BY: TJ	
CHK. BY: LFS	
DRAWING NO.: FL-21135.11	
SHEET 9 OF 14	

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



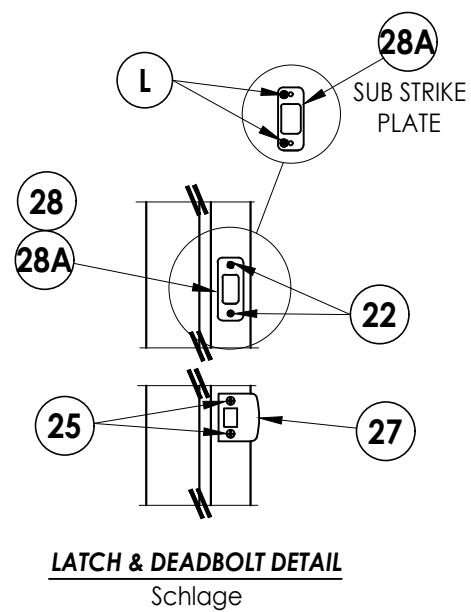
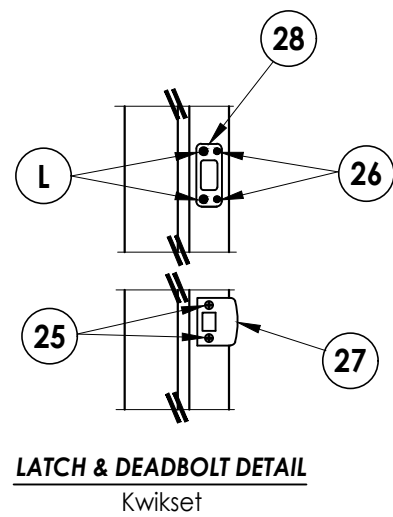
FRAME ANCHORING



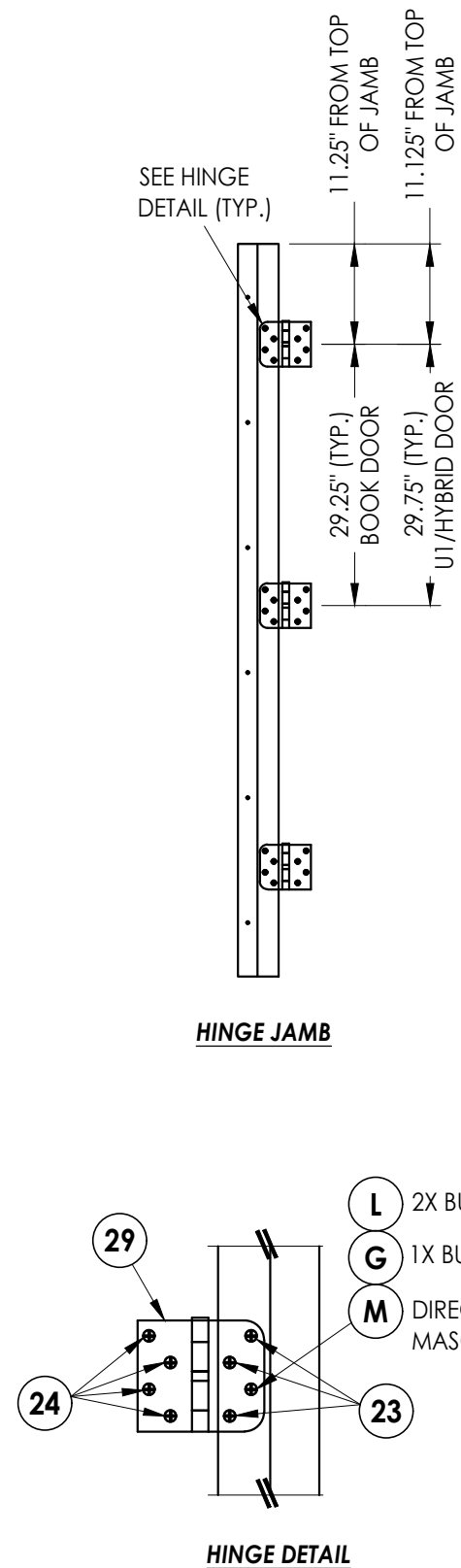
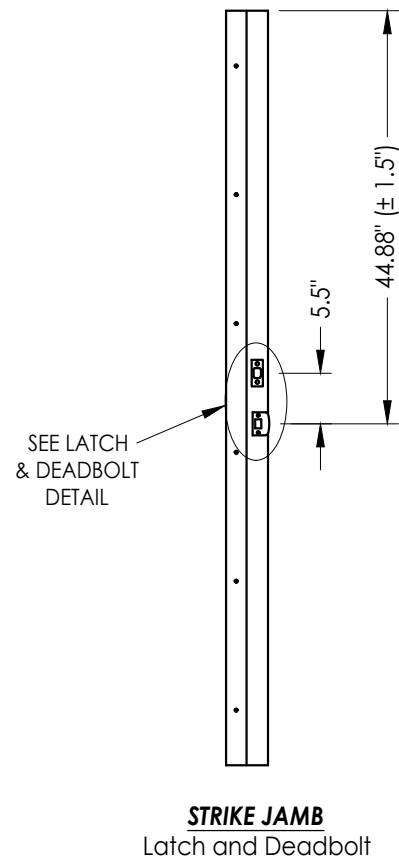
The image contains two technical drawings of door jamb cross-sections. The left drawing, labeled 'HINGE JAMB', shows a jamb with three hinges. It specifies a '1" GAP (TYP.)' at the top, '2" MIN. TO HINGE' for the hinge placement, and '2 EQUAL SPACES' between the hinges. The total height is marked as '4"'. The right drawing, labeled 'STRIKE JAMB', shows a jamb with a strike plate. It specifies a '1" GAP (TYP.)' at the top, '2" MIN. TO STRIKE PLATE' for the strike plate placement, and '2 EQUAL SPACES' between the strike plate and the bottom. The distance from the bottom to the strike plate is marked as '5.50"'. Both drawings use break lines (zig-zags) to indicate that the jamb continues above and below the shown section.

CORRUGATED FASTENER LOCATIONS

[illegible]



LATCH & DEADBOLT STRIKE DETAILS

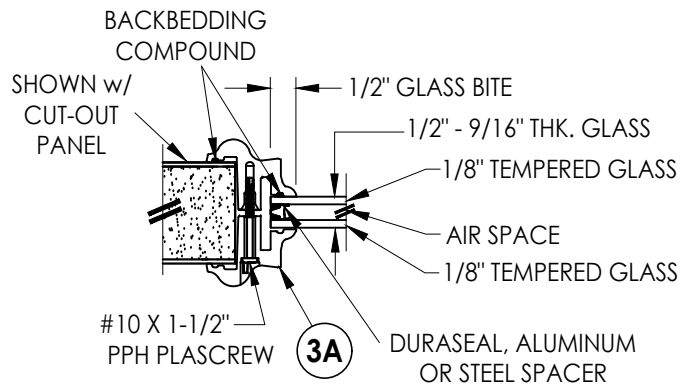


DATE: 03/07/20
SCALE: N.T.S.
DWG. BY: TJ
CHK. BY: LFS
DRAWING NO.:
FL-21135.11
SHEET 11 OF 14

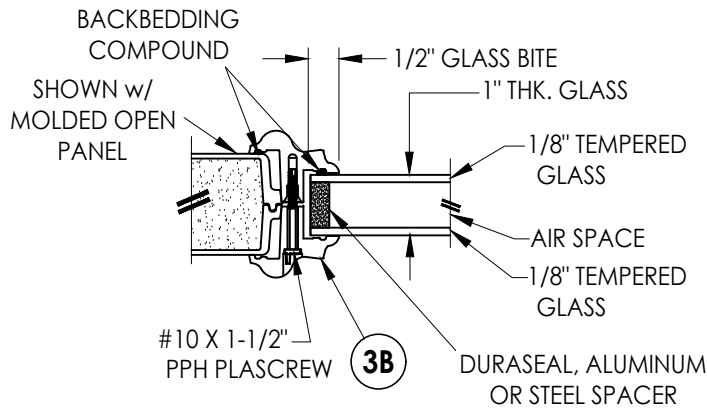
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

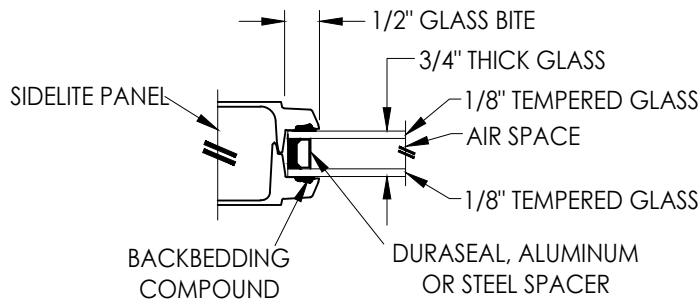
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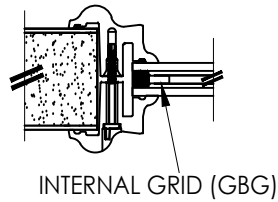
G1 GLAZING DETAIL
BTS Lite Frame
Sidelites



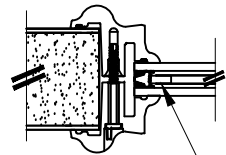
G2 GLAZING DETAIL
BTS Lite Frame
Sidelites



G3 GLAZING DETAIL
Flush Glazing
Sidelites

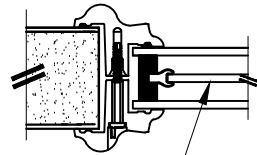


INTERNAL GRID (GBG)

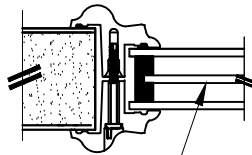


INTERNAL GRID (GBG)
(Optional Aluminum Spacer)

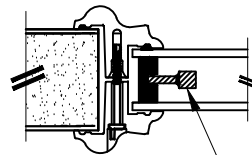
9/16" INSULATED GLASS INSERT OPTIONS



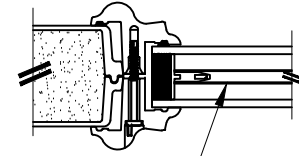
DECORATIVE INSERT



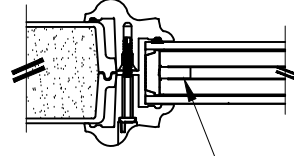
PRIVACY INSERT



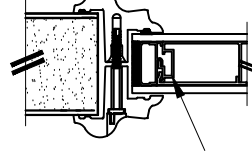
WROUGHT IRON INSERT



INTERNAL GRID (GBG)

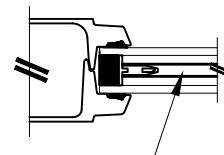


INTERNAL GRID (GBG)
(Optional Aluminum Spacer)

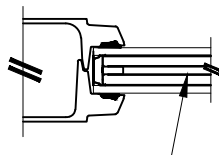


MINI BLIND
(Aluminum Spacer)

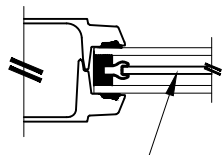
1" INSULATED GLASS INSERT OPTIONS



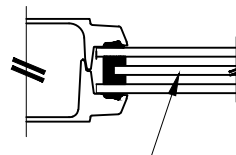
INTERNAL GRID (GBG)



INTERNAL GRID (GBG)

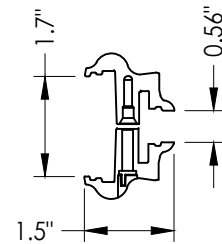


DECORATIVE INSERT

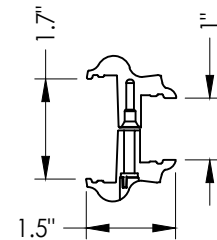


PRIVACY INSERT

3/4" INSULATED GLASS INSERT OPTIONS



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



3B BTS LITE FRAME
1" Glazing

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

RW
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Phone No.: 813.659.9197
FBPE Registry No. 9813

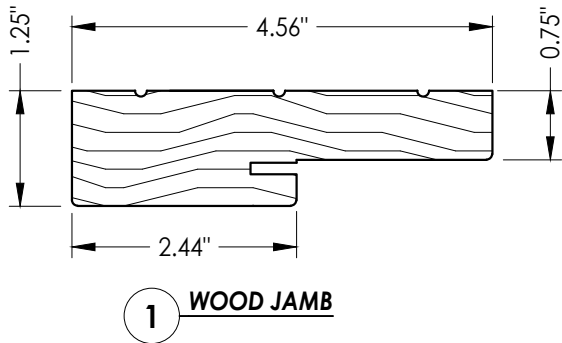
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
GLAZING DETAILS

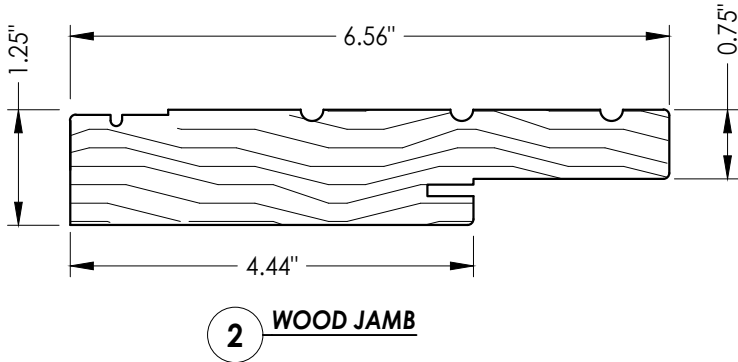
NO.	DATE	REVISIONS
3	7/2/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/16/20	UPDATE TO 7th ED. (2020) FBC PO

DATE:	03/07/20
SCALE:	N.T.S.
DWG. BY:	TJ
CHK. BY:	LFS
DRAWING NO.:	FL-21135.11
SHEET	12 OF 14

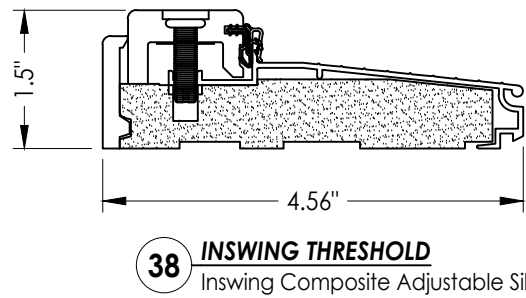
Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.10-13.dwg



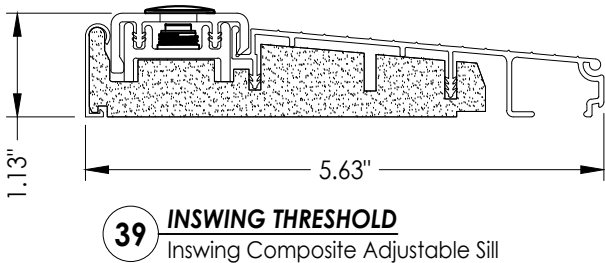
1 WOOD JAMB



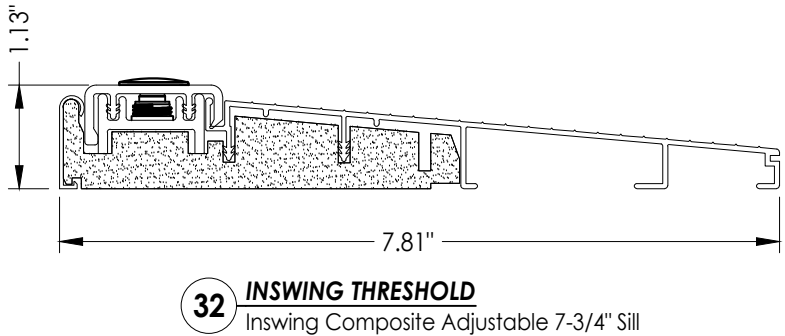
2 WOOD JAMB



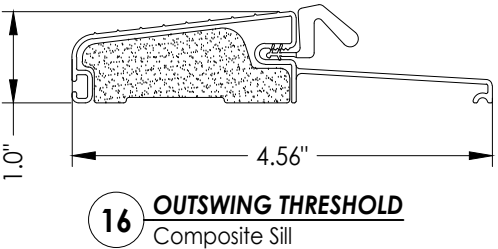
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



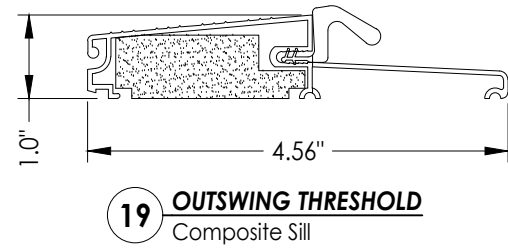
39 INSWING THRESHOLD
Inswing Composite Adjustable Sill



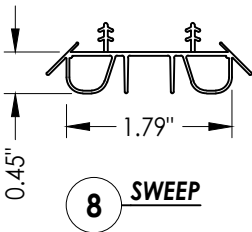
32 INSWING THRESHOLD
Inswing Composite Adjustable 7-3/4" Sill



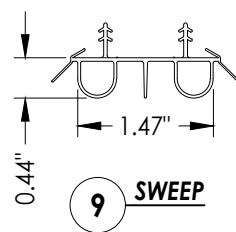
16 OUTSWING THRESHOLD
Composite Sill



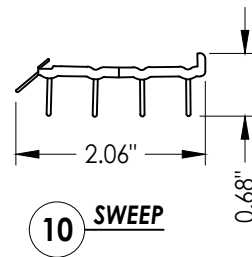
19 OUTSWING THRESHOLD
Composite Sill



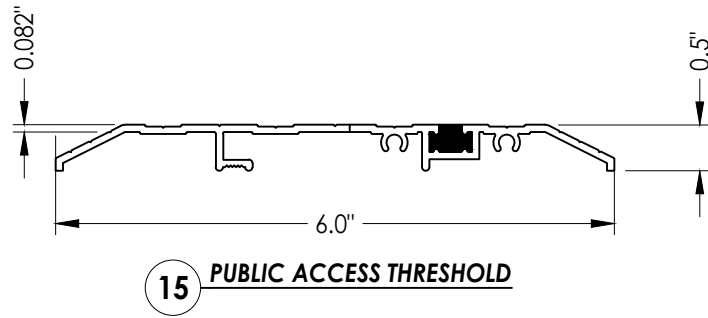
8 SWEEP



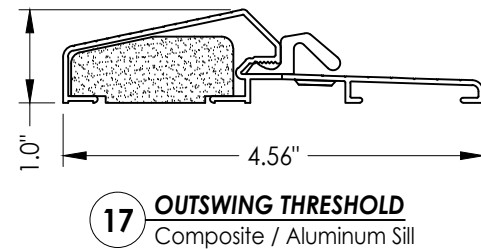
9 SWEEP



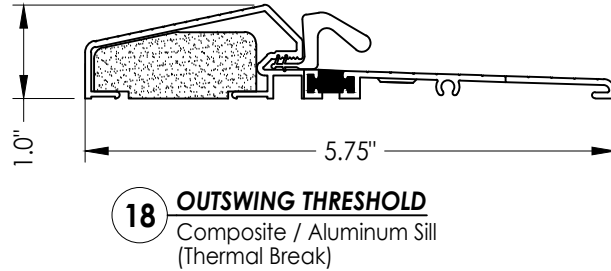
10 SWEEP



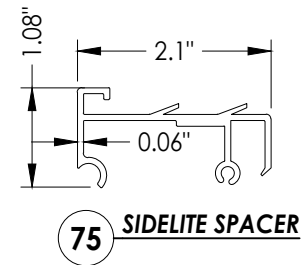
15 PUBLIC ACCESS THRESHOLD



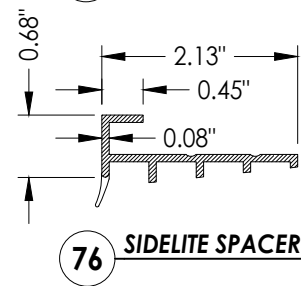
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



75 SIDELITE SPACER



76 SIDELITE SPACER

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS
3	7/2/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/16/20	UPDATE TO 7th ED (2020) FBC PO
		BY

DATE: 03/07/20

SCALE: N.T.S.

DWG. BY: TJ

CHK. BY: LFS

DRAWING NO.: FL-21135.11

SHEET 13 OF 14

BILL OF MATERIALS			BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL	ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD	25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
B	2X BUCK (SG >= 0.42)	WOOD	26	#8 x 5/8" PFH WOOD SCREW	STEEL
C	1/4" MAX. SHIM SPACE	-	27	LATCH STRIKE PLATE	STEEL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	28	DEADBOLT STRIKE PLATE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	28A	DEADBOLT SUB STRIKE PLATE	STEEL
			29	4" X 4" HINGE	STEEL
F	#10 X 2" PFH WOOD SCREW	STEEL	32	INSWING THRESHOLD	ALUM/COMP
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	34	INTERIOR MULL CASING	WOOD
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	35	EXTERIOR MULL CASING	WOOD
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	38	INSWING THRESHOLD	ALUM/COMP
K	1/2" X 1" X 25 GA. CORRUGATED FASTENER	STEEL	39	INSWING THRESHOLD	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	40	DOOR PANEL (BOOK)	-
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	41	DOOR PANEL (HYBRID)	-
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	42	DOOR PANEL (U1)	-
1	JAMB (FINGER JOINT PINE)	WOOD	50	SIDELITE (FULL LITE)	-
2	JAMB (FINGER JOINT PINE)	WOOD	60	SIDELITE (HALF LITE)	-
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	75	SIDELITE SPACER (INSWING)	PVC
7	WEATHERSTRIP (LONG REACH)	FOAM	76	SIDELITE SPACER (OUTSWING)	PVC
8	SWEEP	VINYL	CORROSION RESISTANCE - SALTWATER ENVIRONMENTS Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R CONCRETE ANCHOR NOTES: 1. Concrete anchor locations at the corners may be adjusted		
9	SWEEP	VINYL			
10	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL			
15	PUBLIC ACCESS THRESHOLD	ALUM			
16	OUTSWING THRESHOLD	ALUM/COMP			
17	OUTSWING THRESHOLD	ALUM/COMP			
18	OUTSWING THRESHOLD	ALUM/COMP			
19	OUTSWING THRESHOLD	ALUM/COMP			
22	#8 x 3/4" PFH WOOD SCREW	STEEL			
23	#10 x 3/4" PFH WOOD SCREW	STEEL			
24	#10 x 1" PFH WOOD SCREW	STEEL			

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

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:

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

DATE: 03/07/20		REVISIONS	
SCALE: N.T.S.			
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CHK. BY: LFS			
DRAWING NO.: FL-21135.11			
SHEET 14 OF 14			
NO.		DATE	
3	7/2/26	UPDATE TO 9TH ED. (2026)	FBC LFS
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PART OR ASSEMBLY:		BILL OF MATERIALS	
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	