



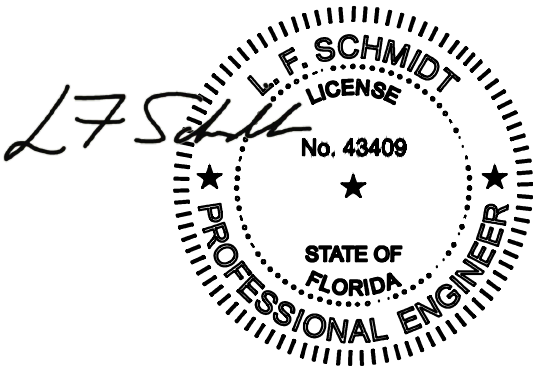
Fiber-Classic® & Smooth-Star®

WOOD EDGE
GLAZED FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"NON-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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- 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.
- 6. Fiber-Classic & Smooth-Star Door and Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.

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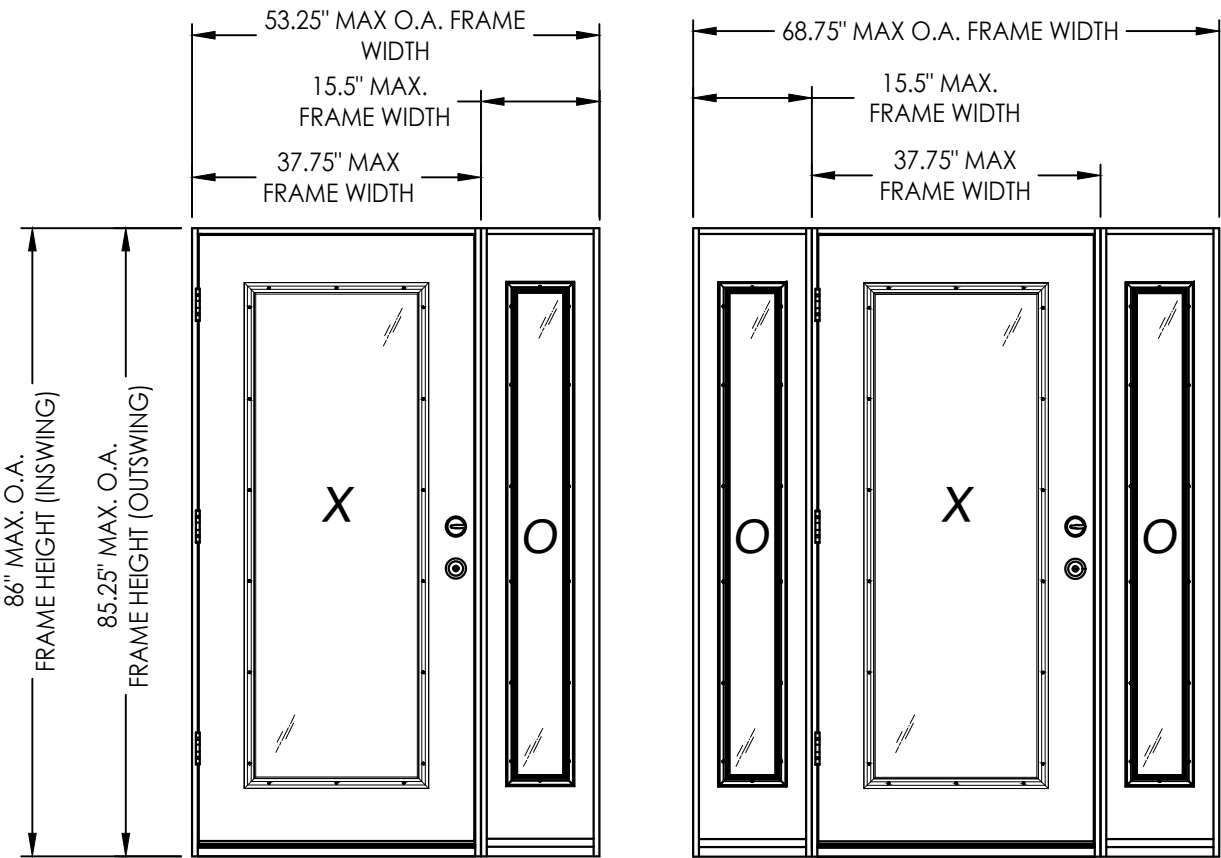


Digitally signed by
Lyndon F Schmidt
Date: 2026.08.06
14:51:31 -04'00'

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
XO, OX, OXO	+40.0	-50.0	+40.0	-40.0

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

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

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

6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	7/27/22	REMOVE FLUSH GLAZING OPTION	OPTION	LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
2	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT
1	11/15/17	RECESSED PANEL NOTATION		JK
NO.	DATE			BY

REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

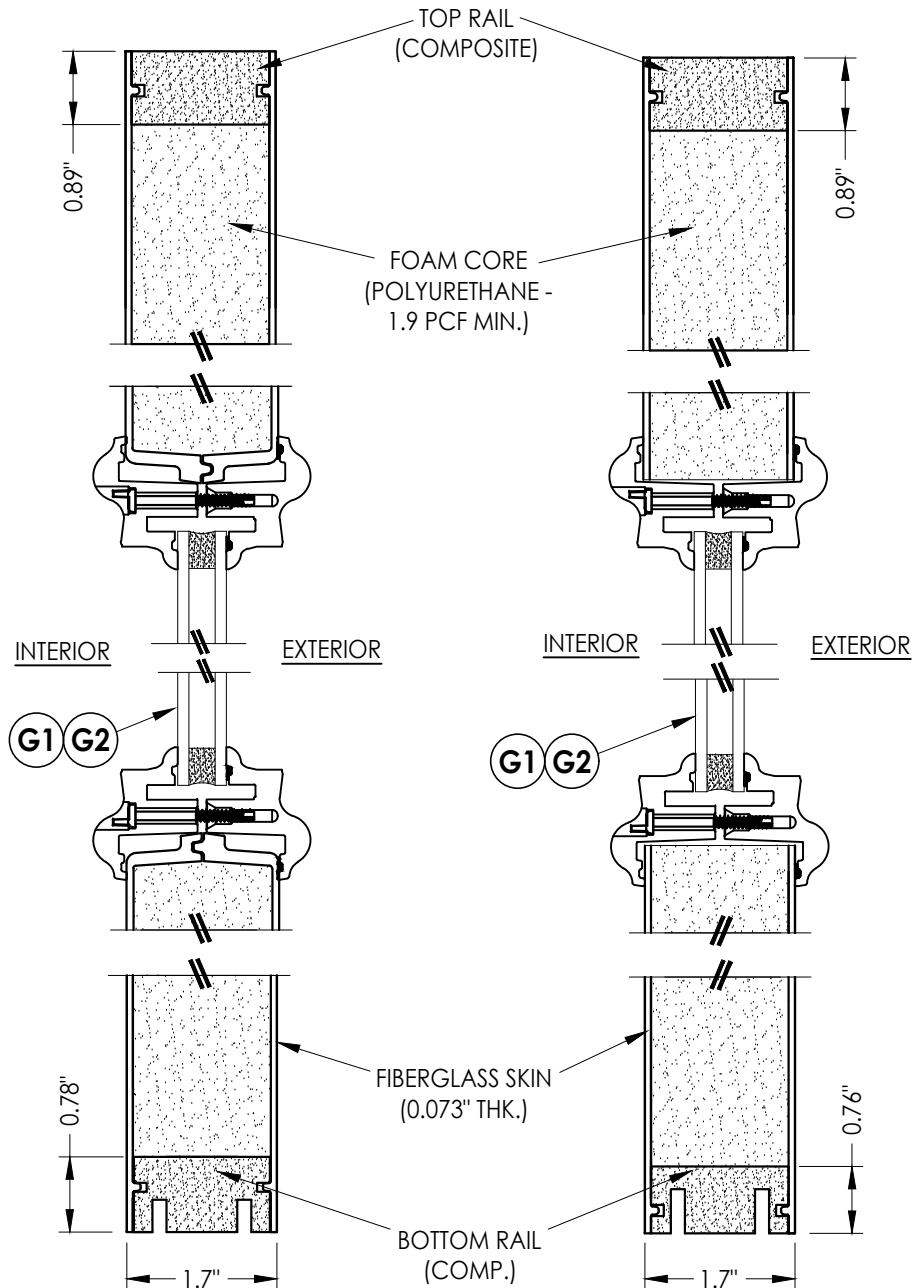
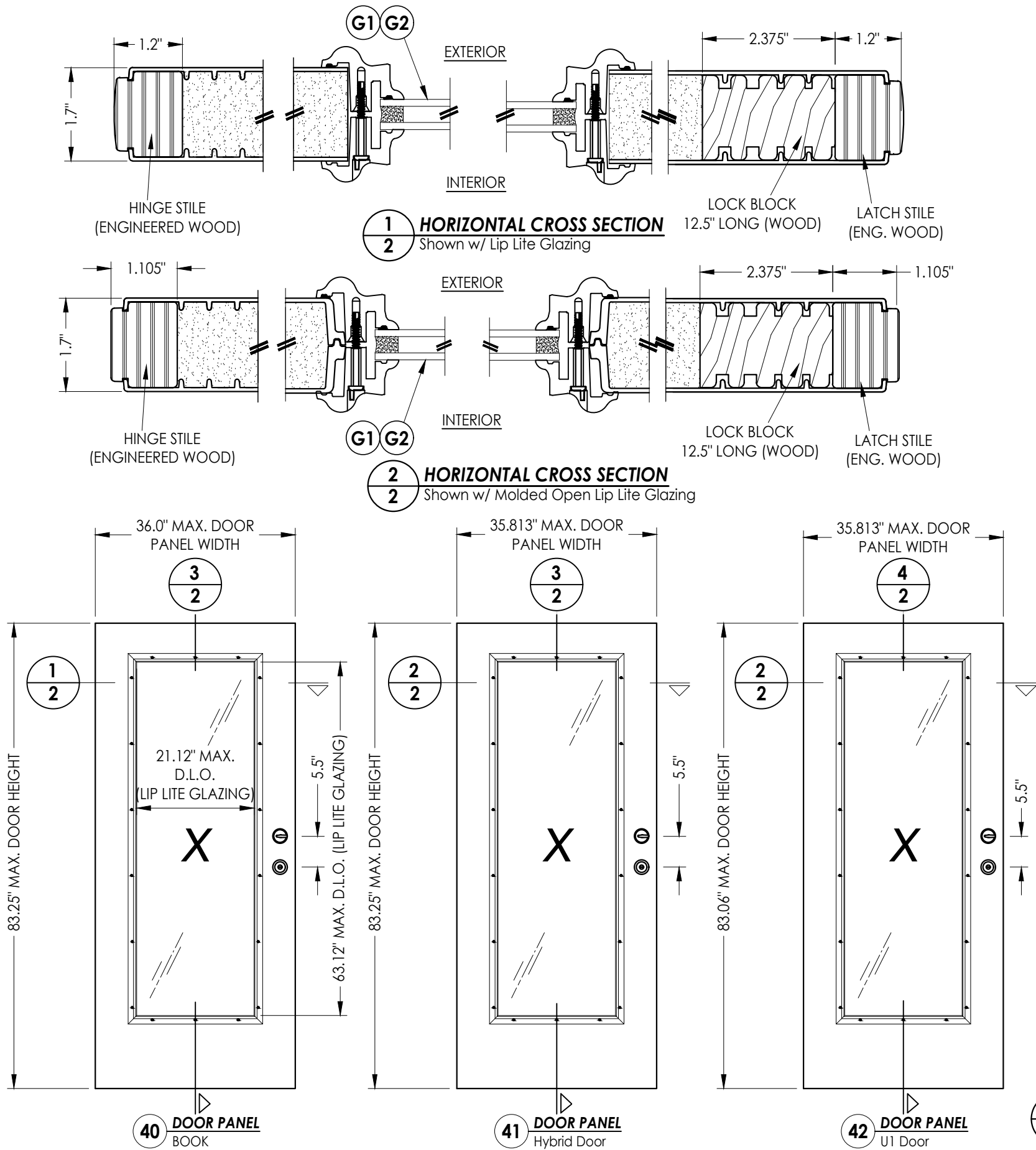
DRAWING NO.: FL-21133.13

SHEET 1 OF 14

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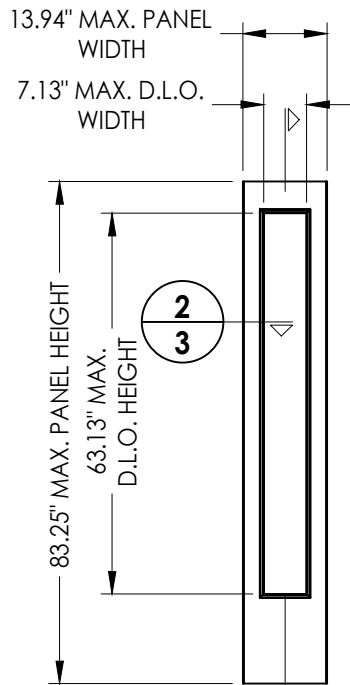
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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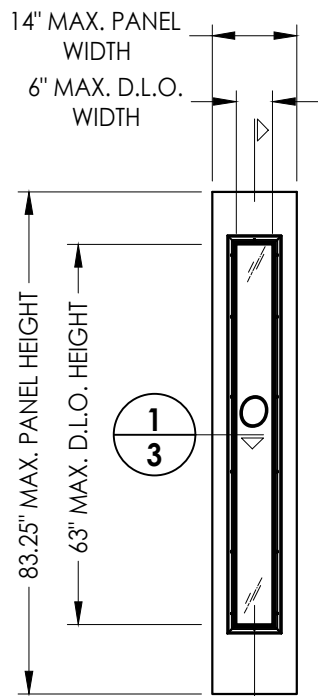


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R ^W BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA TRU FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
4	7/27/22	REMOVE FLUSH GLAZING OPTION	LFS
3	7/16/20	UPDATE TO 7th ED (2020)	PO
2	10/10/18	REV. DOOR PANEL OPTION NOTE	MT
1	11/15/17	RECESSED PANEL NOTATION	JK
NO.		DATE	BY
REVISIONS			
DATE: 07/07/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21133.13			
SHEET 2 OF 14			

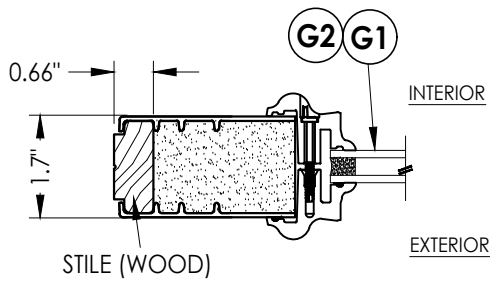
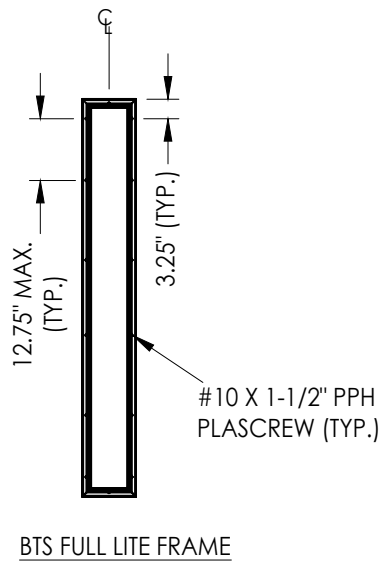
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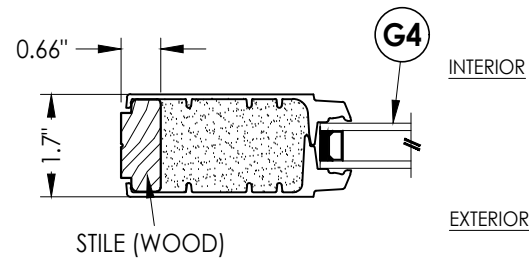
60 **SIDELITE PANEL**
Full Lite
Flush Glazed



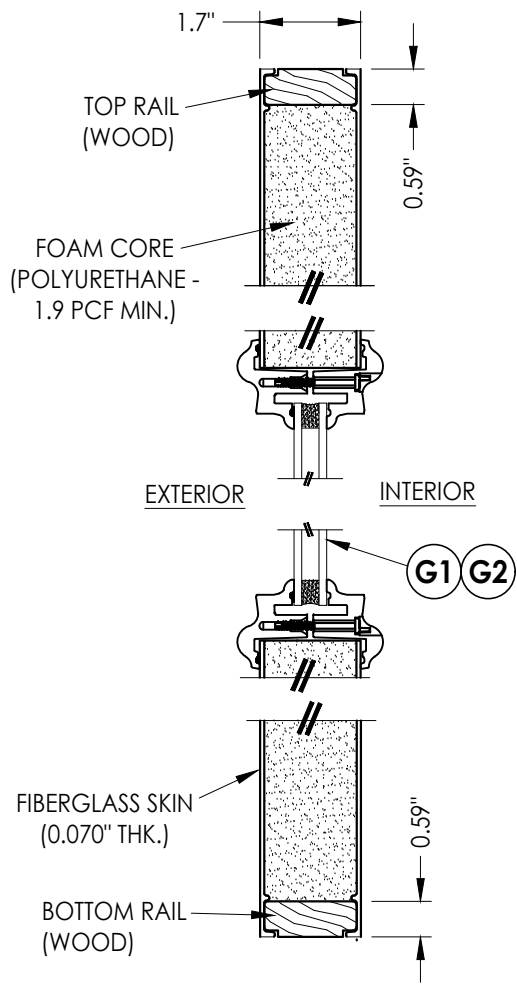
50 **SIDELITE PANEL**
Full Lite
Lip Lite



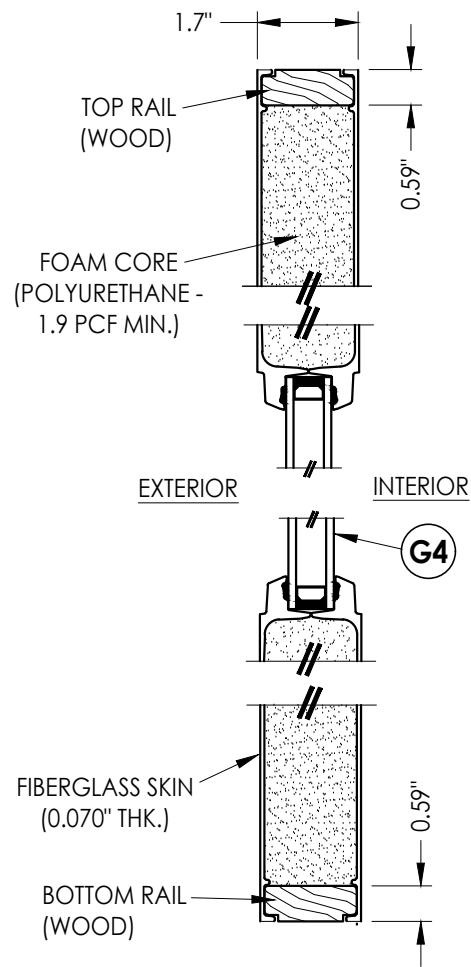
1 **HORIZONTAL CROSS SECTION**
3 Lip Lite Glazing



2 **HORIZONTAL CROSS SECTION**
3 Flush Glazing



3 **VERTICAL CROSS SECTION**
3 Lip Lite Glazing Shown



4 **VERTICAL CROSS SECTION**
3 Flush Glazing Shown

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS &
GLAZING DETAIL

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026)
5	8/23/23	UPDATE TO 8TH ED. (2023)
4	7/27/22	REMOVE FLUSH GLAZING OPTION
3	7/16/20	UPDATE TO 7th ED (2020)
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	11/15/17	RECESSED PANEL NOTATION

DATE: 8/10/16

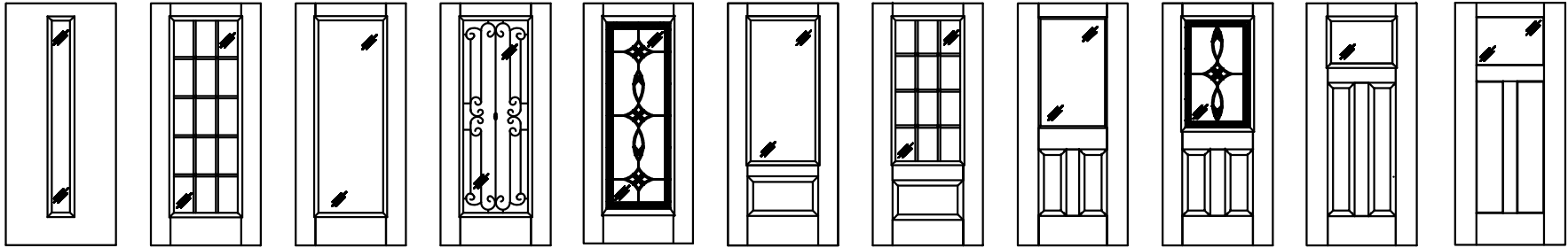
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DWG. BY: JK

CHK. BY: LFS

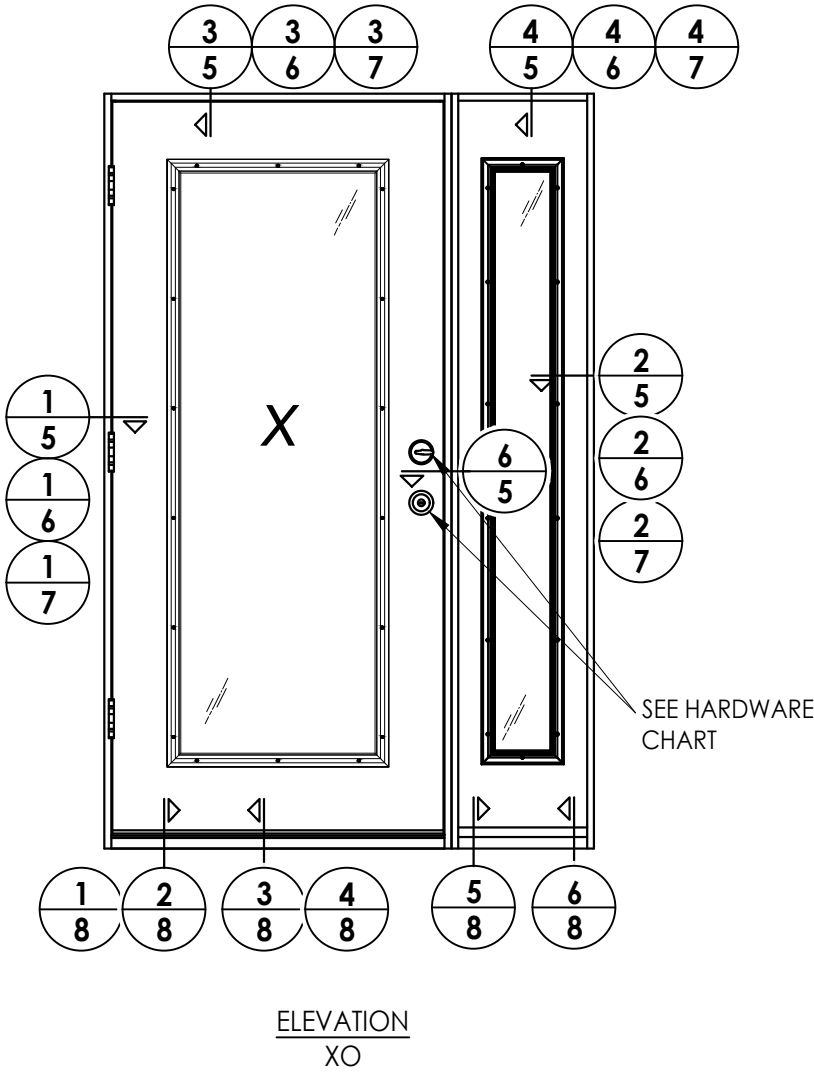
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SHEET 3 OF 14

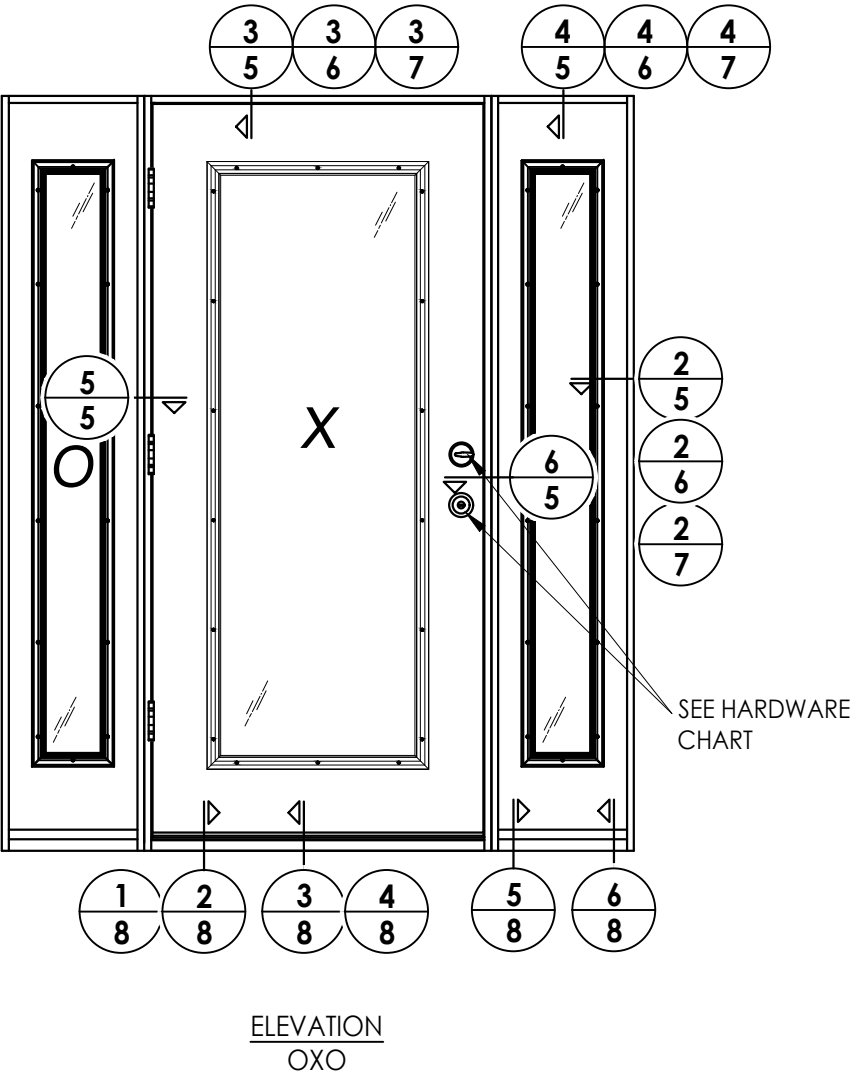


Fiber-Classic/Smooth-Star Door Panel Options

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



ELEVATION
XO



ELEVATION
OXO

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

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P.E. No. 43409

THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

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6

7/02/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

5

8/23/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

4

7/27/22

REMOVE FLUSH GLAZING OPTION

FBC

LFS

3

7/16/20

UPDATE TO 7th ED (2020)

FBC

PO

2

10/10/18

REV. DOOR PANEL OPTION NOTE

MT

JK

1

11/15/17

RECESSED PANEL NOTATION

BY

JK

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

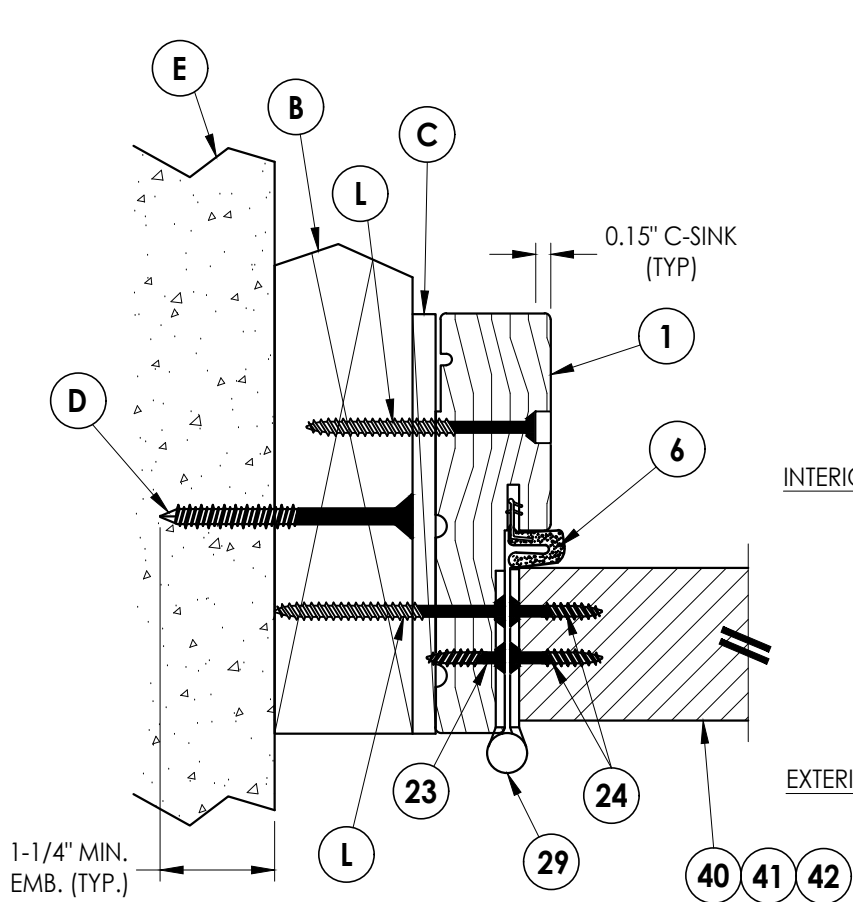
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DRAWING NO.: FL-21133.13

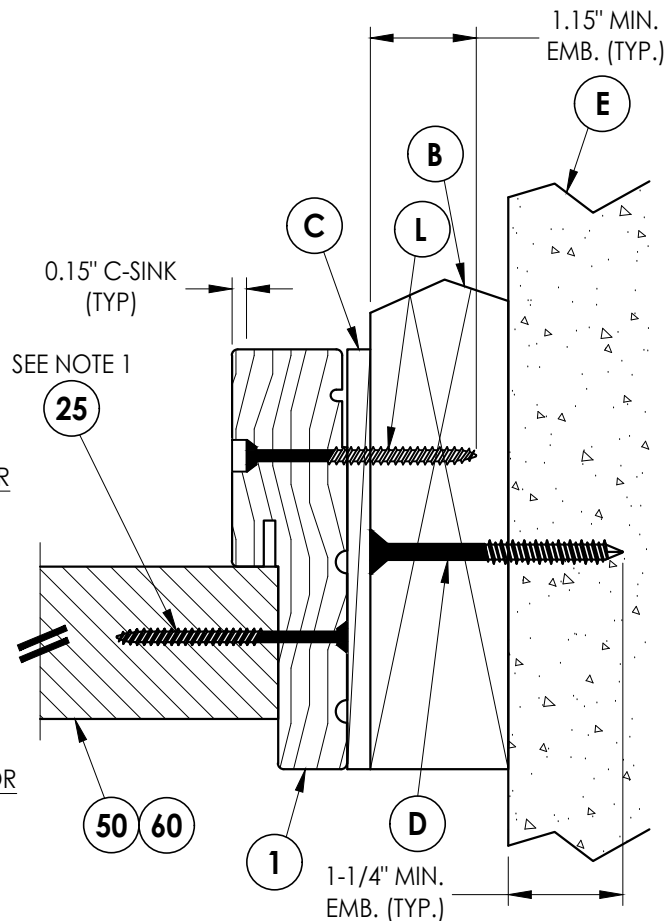
SHEET 4 OF 14

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Phone No.: 813.659.9197
FBPE Registry No. 9813

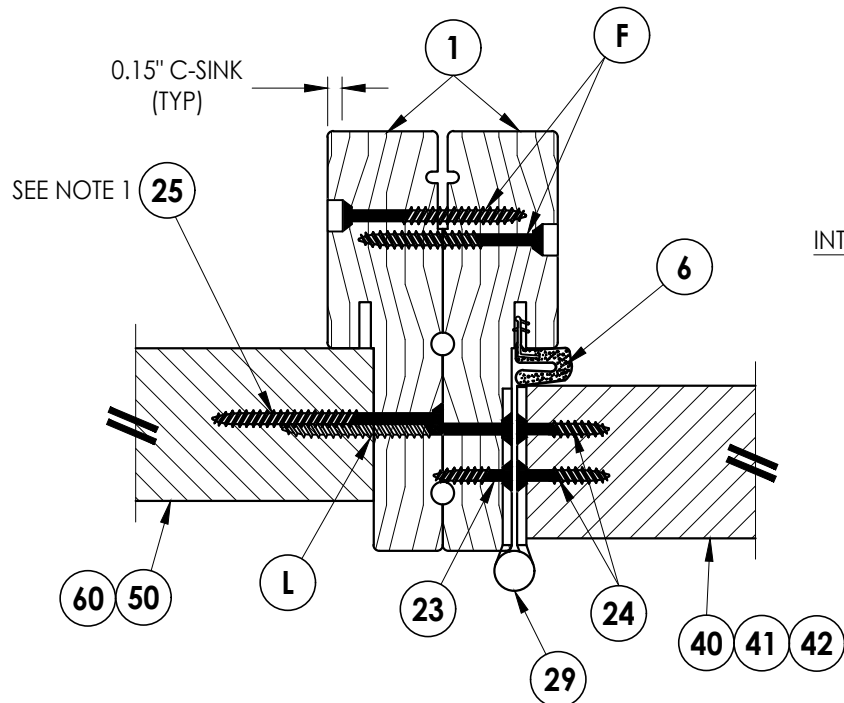
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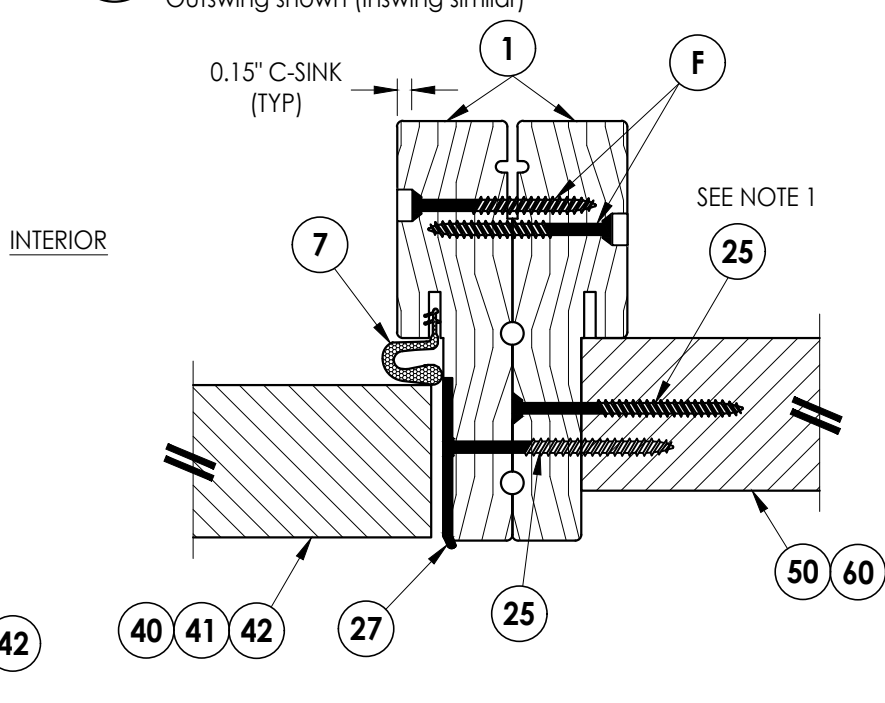
1 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



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

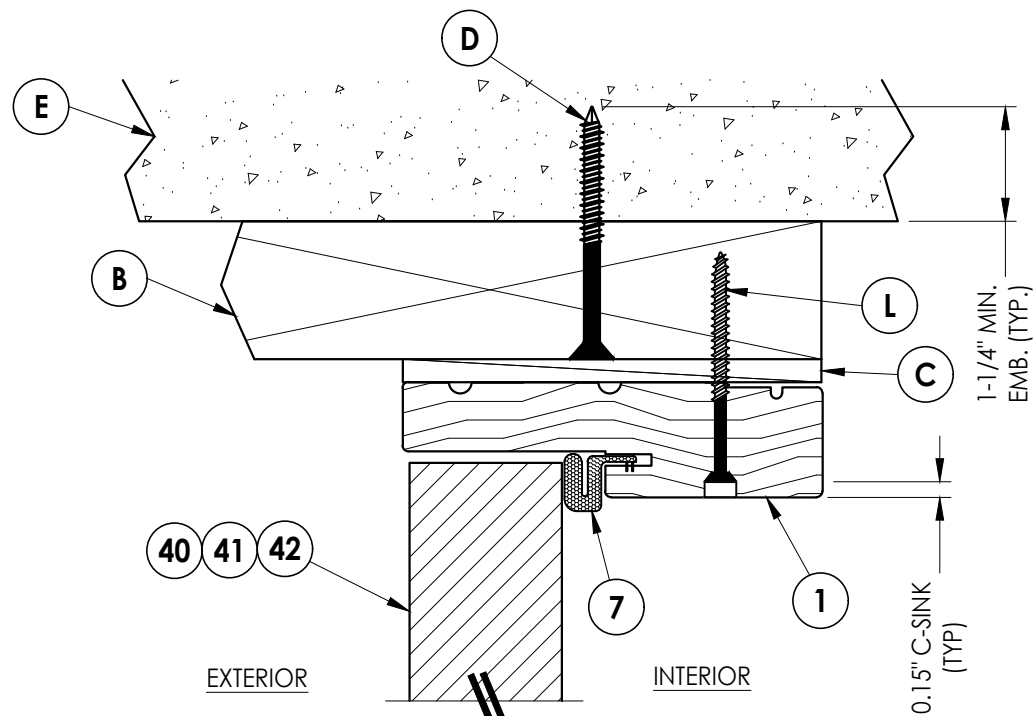


5 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

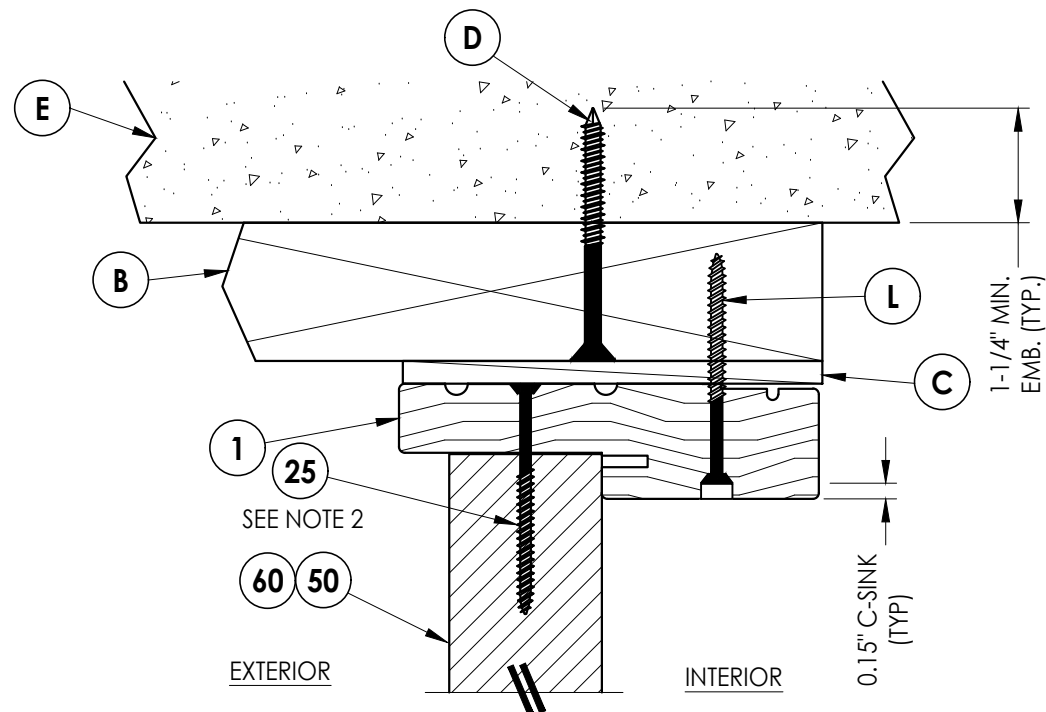


6 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

- Notes:
- Sidelite assembly screws located 8" from top and 8" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 - Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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)

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	FBC	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026)	
5	8/23/23	UPDATE TO 8TH ED. (2023)	
4	7/27/22	REMOVE FLUSH GLAZING OPTION	
3	7/16/20	UPDATE TO 7th ED (2020)	
2	10/10/18	REV. DOOR PANEL OPTION NOTE	
1	11/15/17	RECESSED PANEL NOTATION	
NO.	DATE	BY	

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

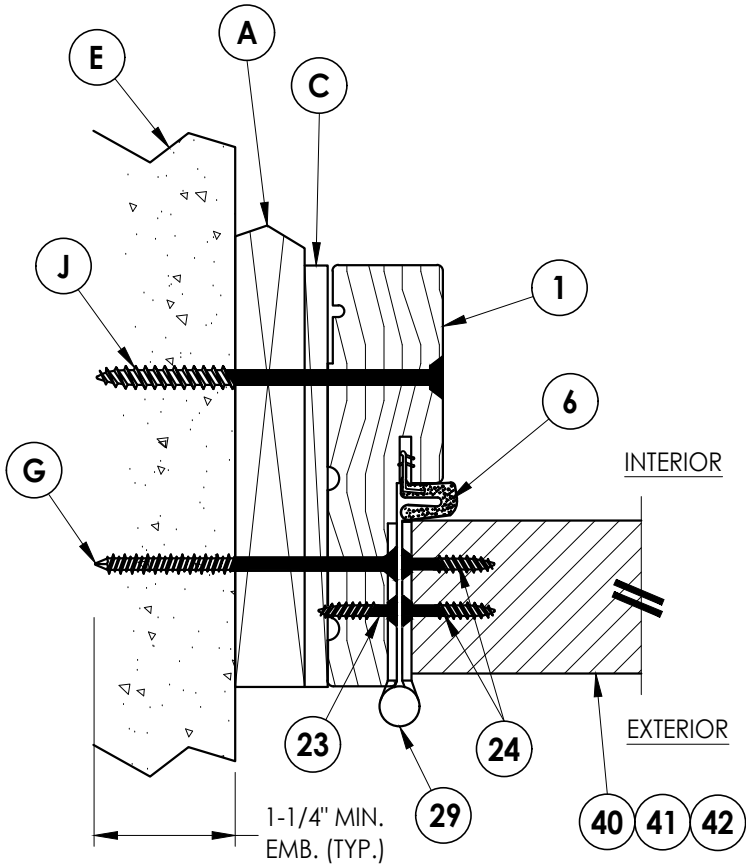
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SHEET 5 OF 14

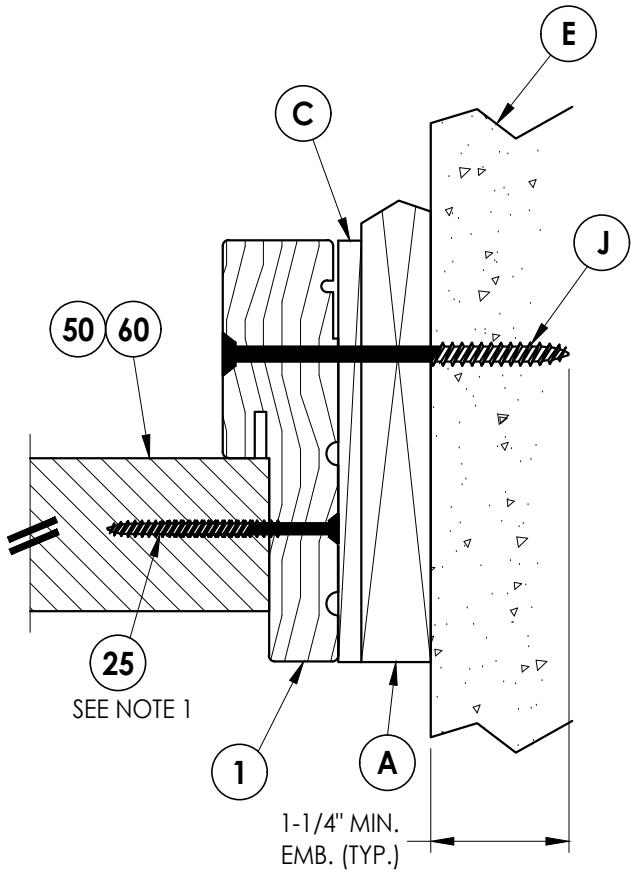
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Notes:

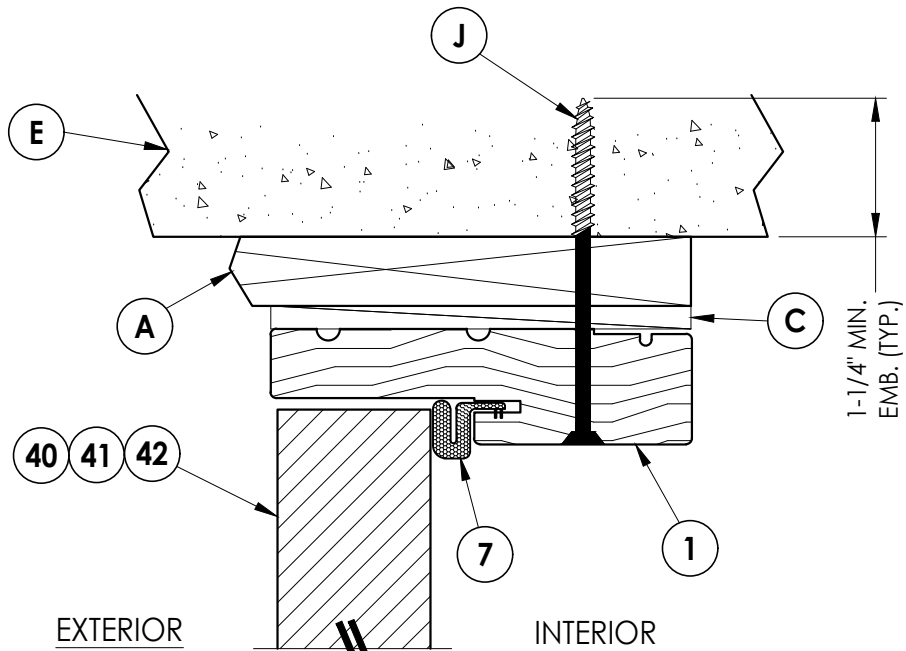
1. Sidelite assembly screws located 8" from top and 8" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



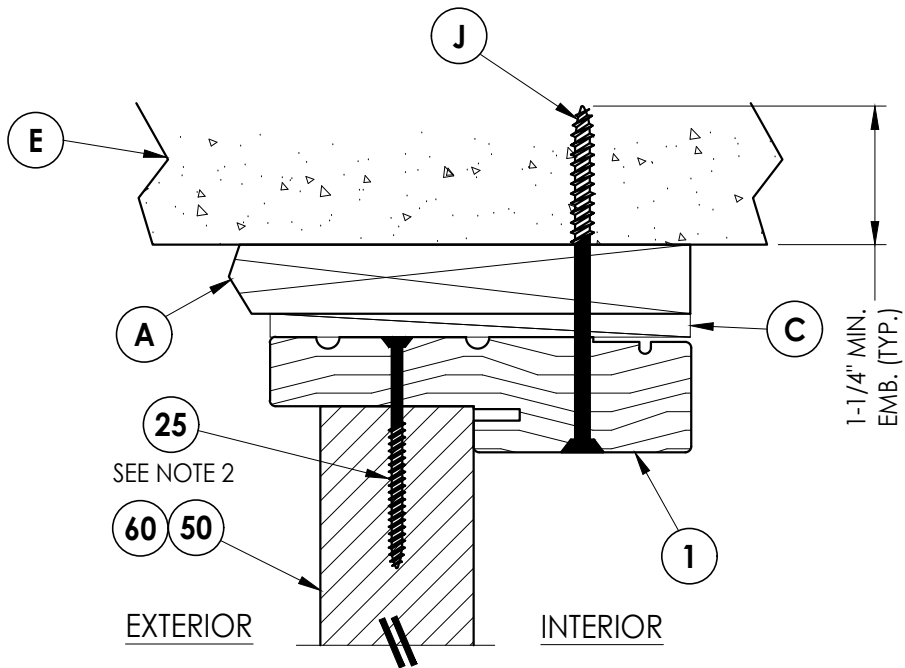
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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)

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
4	7/27/22	REMOVE FLUSH GLAZING OPTION
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	11/15/17	RECESSED PANEL NOTATION
JK		
BY		

DATE: 07/07/17

SCALE: N.T.S.

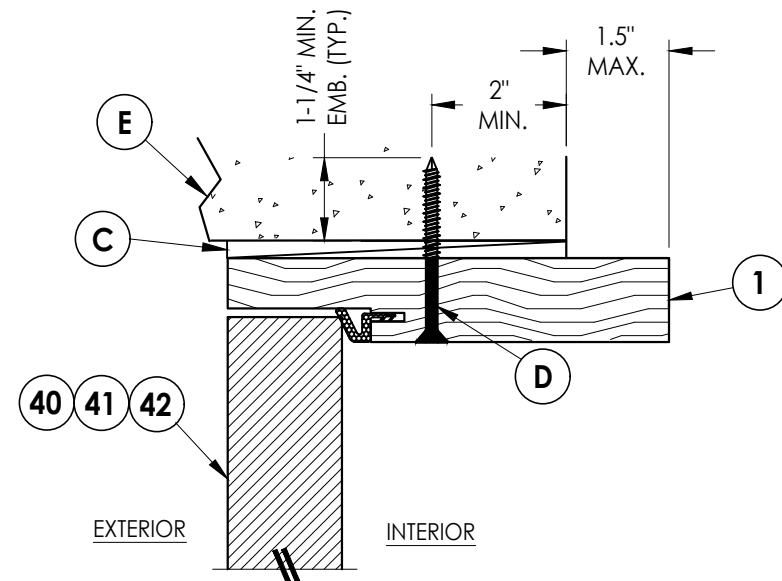
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CHK. BY: LFS

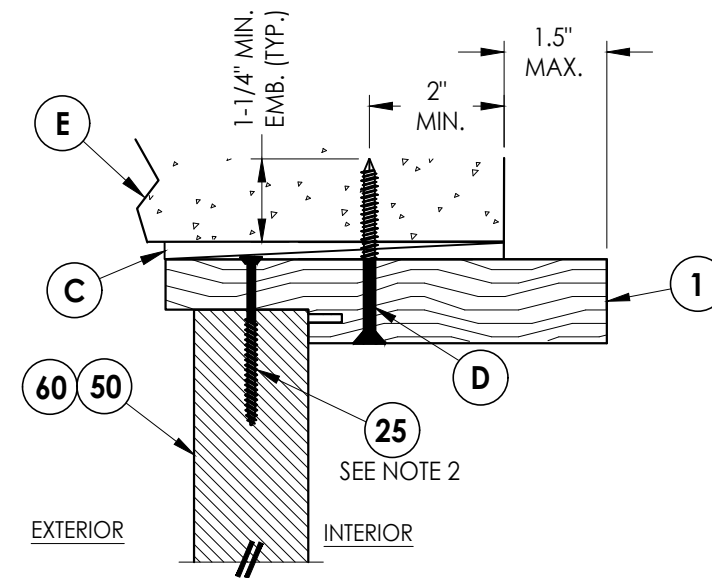
DRAWING NO.:

FL-21133.13

SHEET 6 OF 14



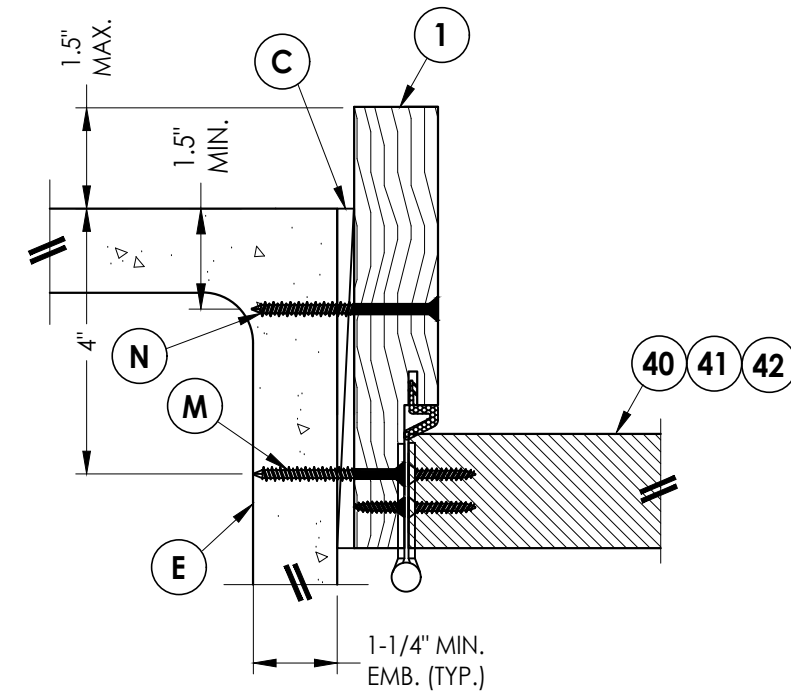
3 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



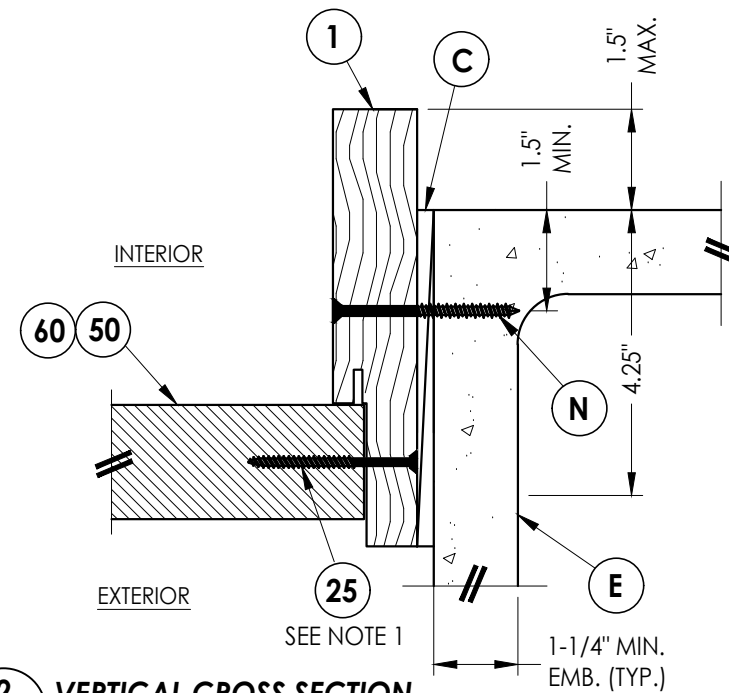
4 7 **VERTICAL CROSS SECTION** Shown Direct to Masonry Outswing only w/ 6-9/16" jamb

Notes:

1. Sidelite assembly screws located 8" from top and 8" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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



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

6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	7/27/22	REMOVE FLUSH GLAZING OPTION		LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
2	10/10/18	REV. DOOR PANEL OPTION NOTE		MT
1	11/15/17	RECESSED PANEL NOTATION		JK
NO.	DATE			BY
				REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.13

SHEET 7 OF 14

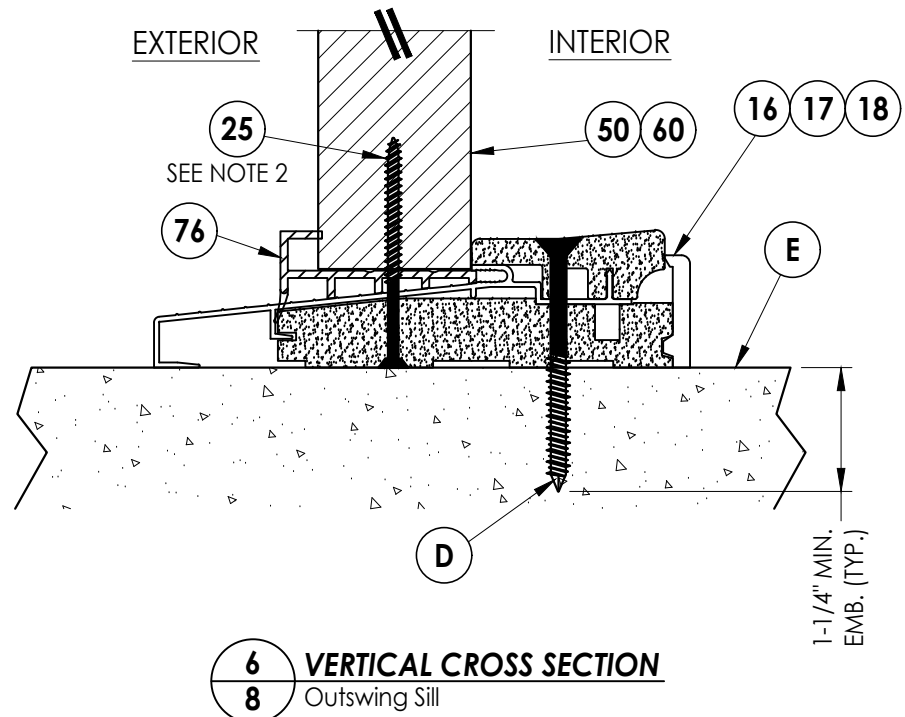
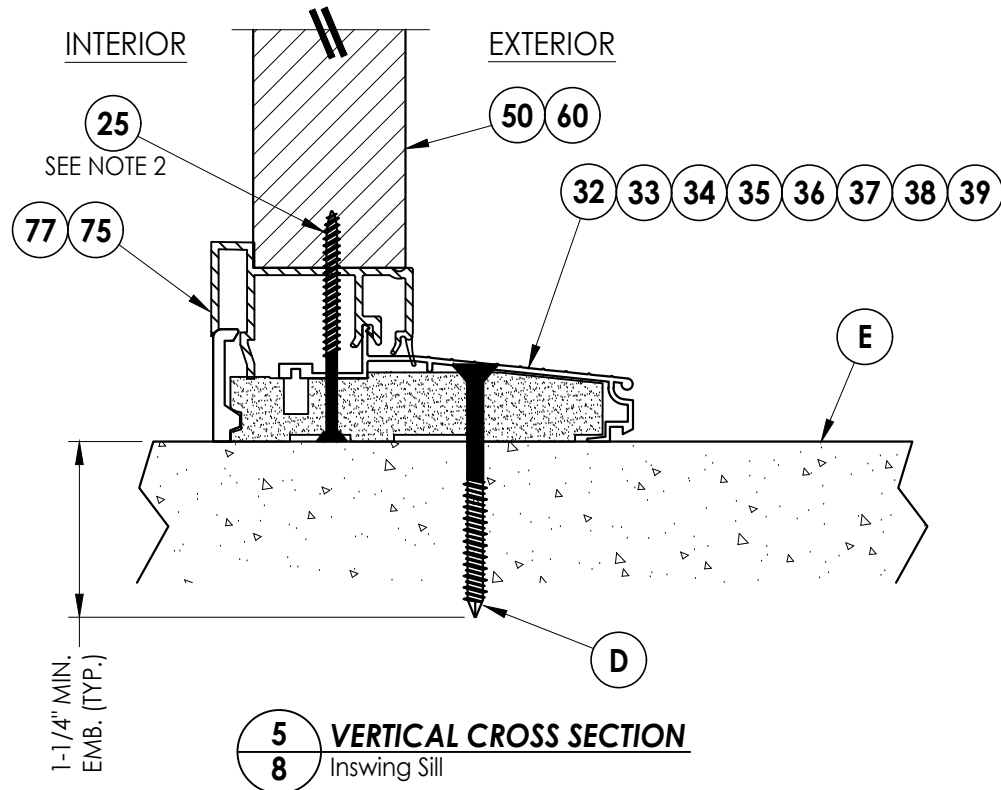
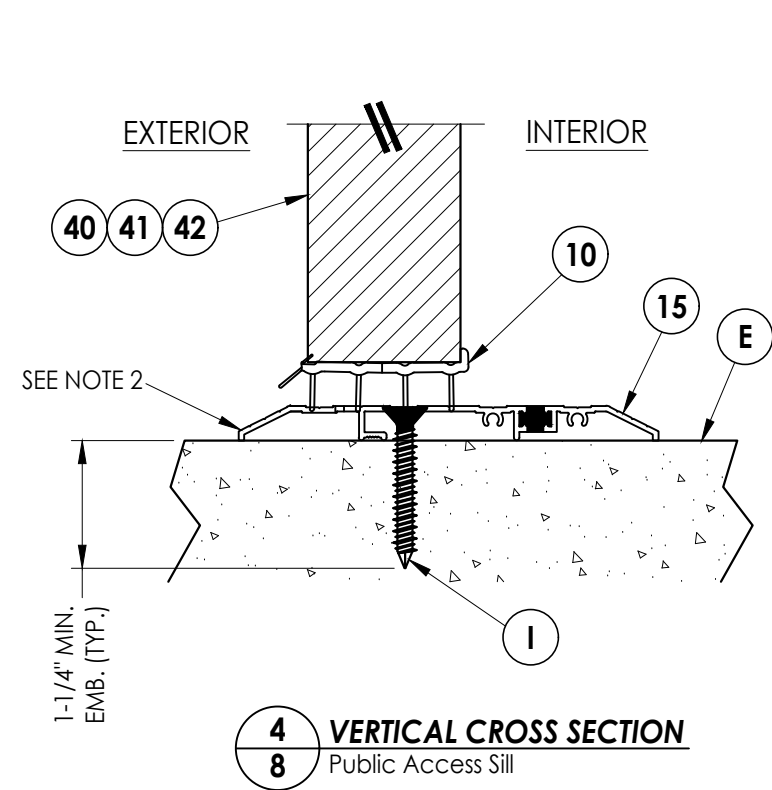
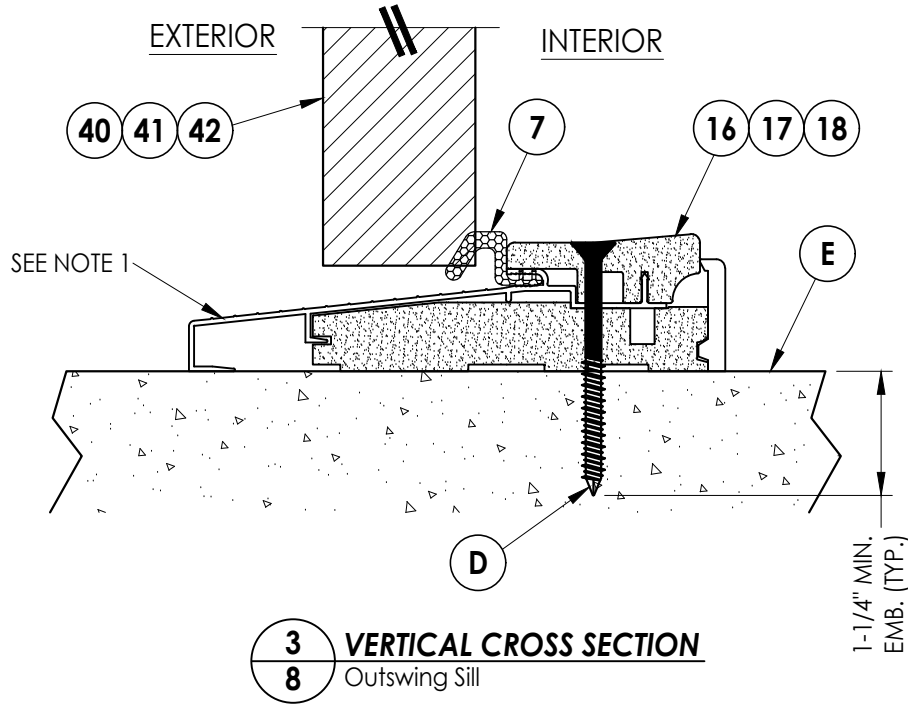
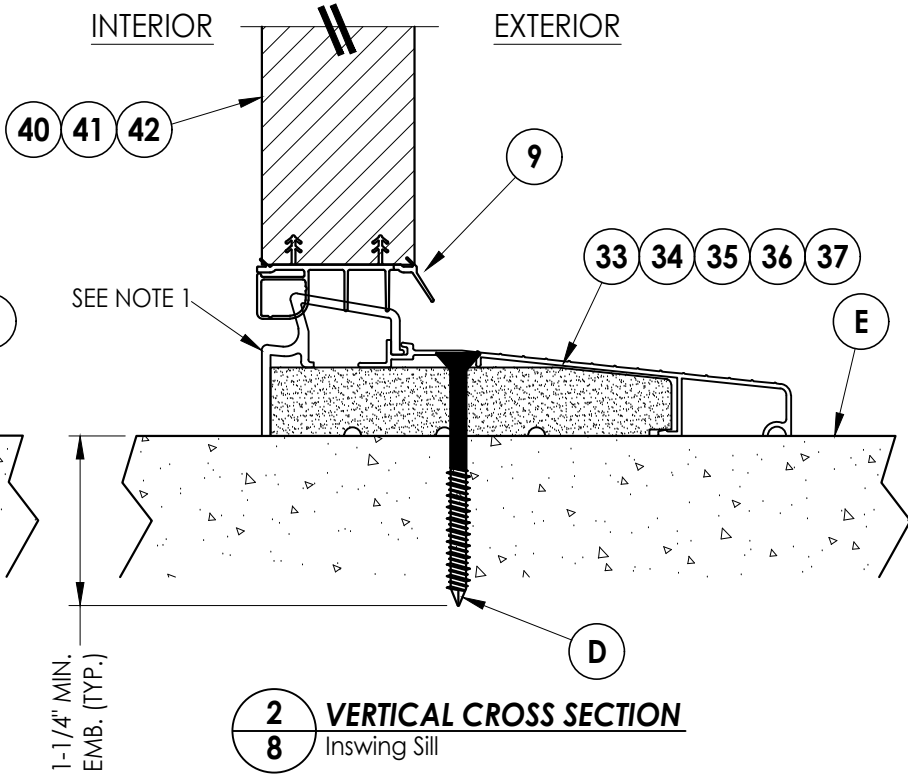
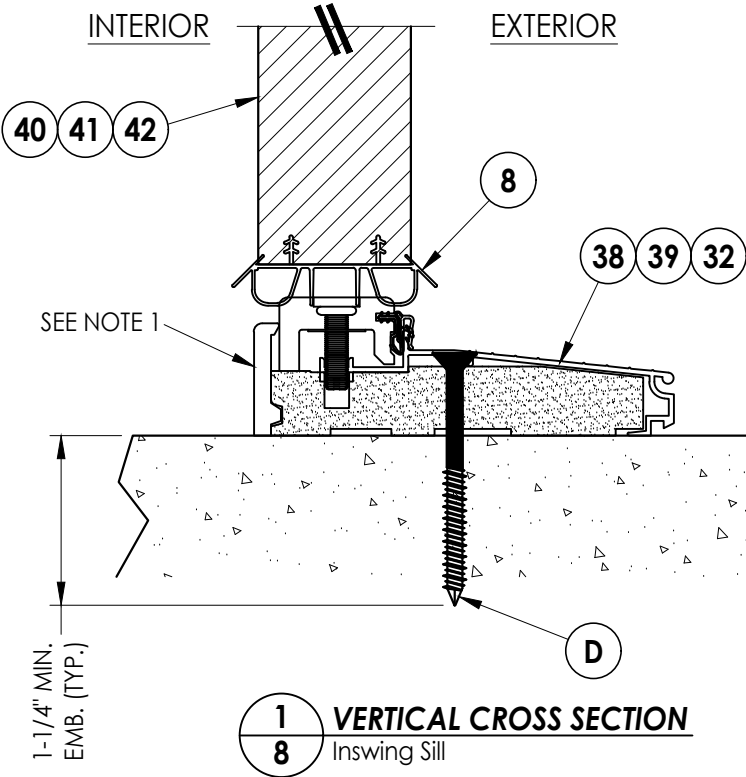
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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- Notes:
- 1. Sill Item #'s 17, 18, 32, 34, 35, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 16 & 33 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.
 - 2. Sidelite assembly screws located 4" from each end (2 screws along sill).



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

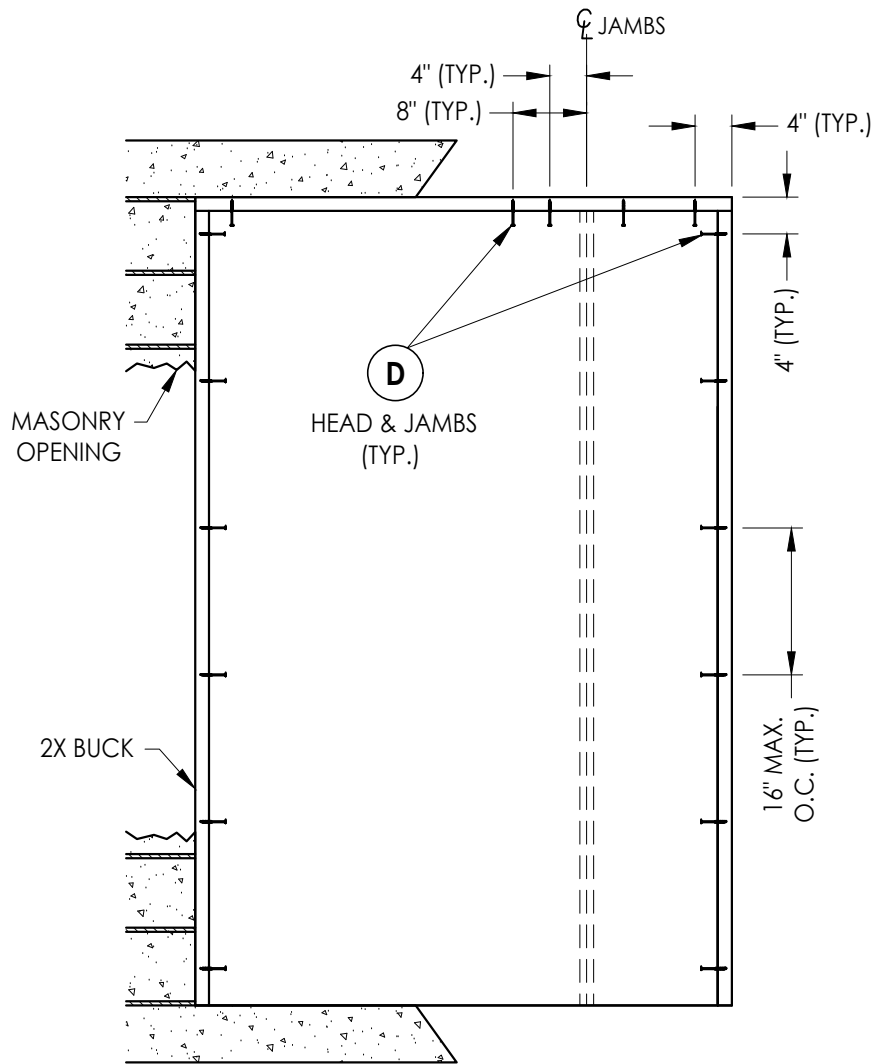
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Phone No.: 813.659.9197
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PRODUCT:
THERMA TRU
FIBERGLASS DOOR

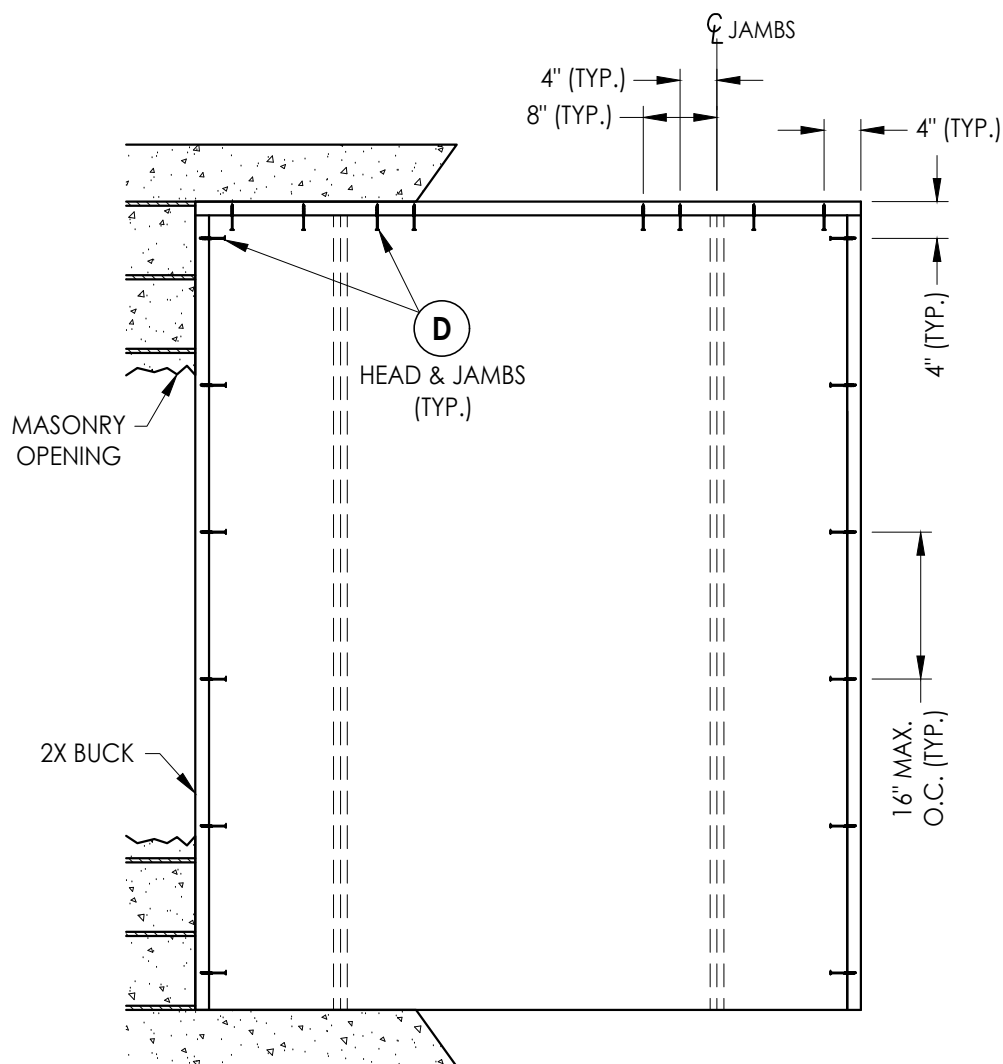
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

LFS	FBC	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026)	
5	8/23/23	UPDATE TO 8TH ED. (2023)	
4	7/27/22	REMOVE FLUSH GLAZING OPTION	
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2	10/10/18	REV. DOOR PANEL OPTION NOTE	
1	11/15/17	RECESSED PANEL NOTATION	
NO.	DATE		

DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.13
SHEET 8 OF 14



XO/OX



OXO

2X BUCK ANCHORING

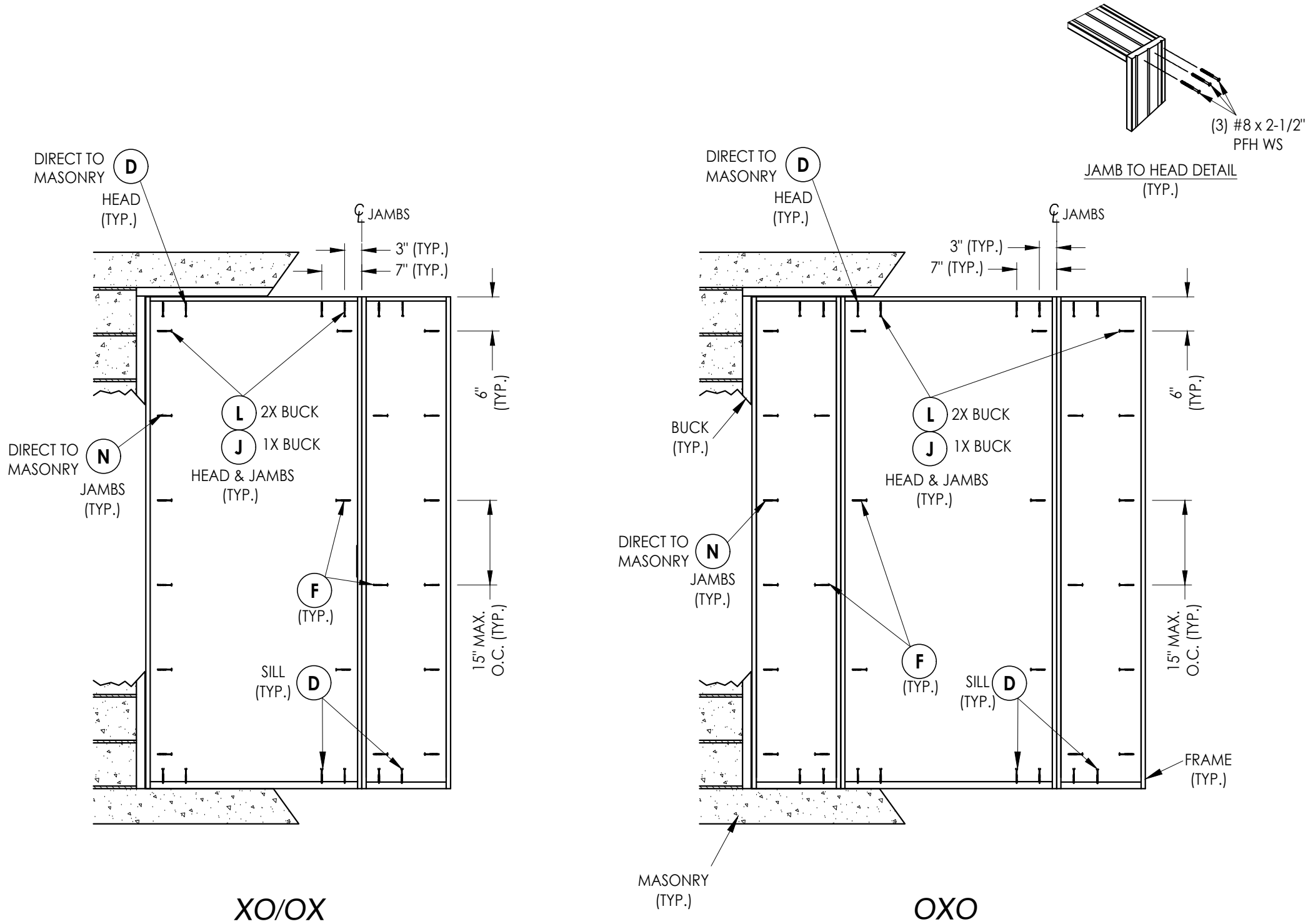
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SCALE: N.T.S.		5		8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
DWG. BY: JK		4		7/27/22	REMOVE FLUSH GLAZING OPTION		LFS
CHK. BY: LFS		3		7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
DRAWING NO.: FL-21133.13		2		10/10/18	REV. DOOR PANEL OPTION NOTE		MT
		1		11/15/17	RECESSED PANEL NOTATION		JK
		NO.		DATE			BY

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

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

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FRAME ANCHORING

NO.	DATE	REVISIONS				
		DATE	BY	JK	MT	PO
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
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2	10/10/18	REV. DOOR PANEL OPTION NOTE		MT		
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DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-21133.13

SHEET 10 OF 14

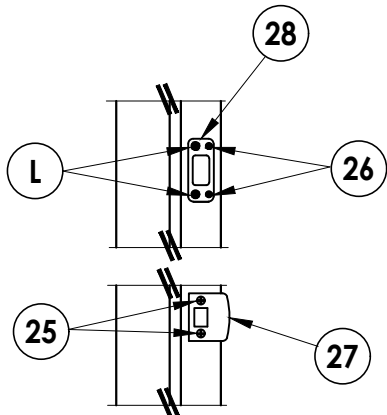
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

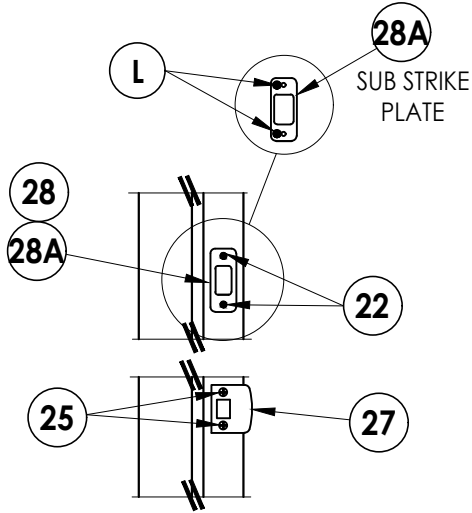
PART OR ASSEMBLY:
FRAME ANCHORING

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-21133 R12\FL-21133.12-13.dwg

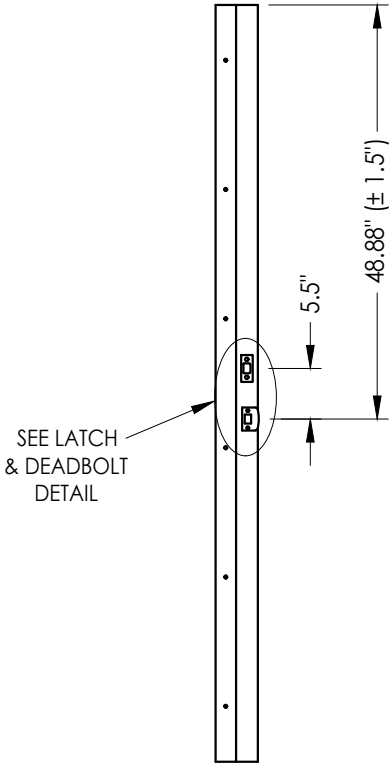


LATCH & DEADBOLT DETAIL
Kwikset

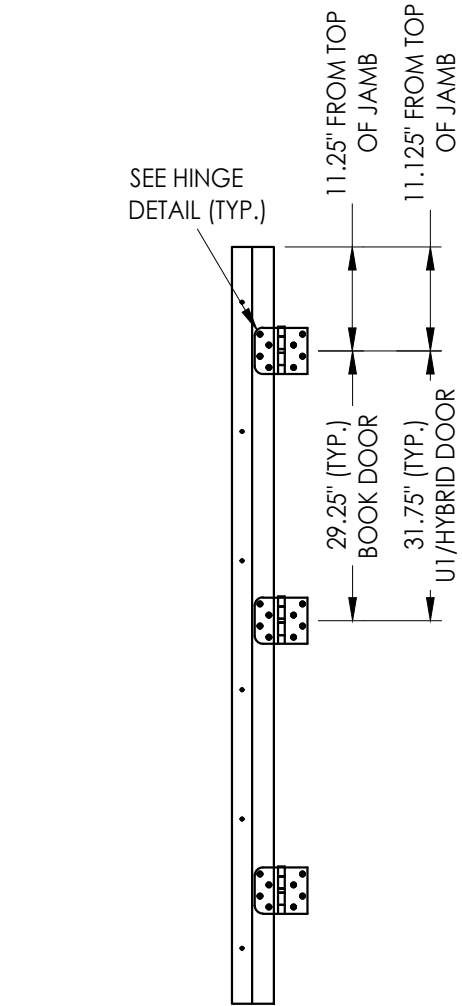


LATCH & DEADBOLT DETAIL
Schlage

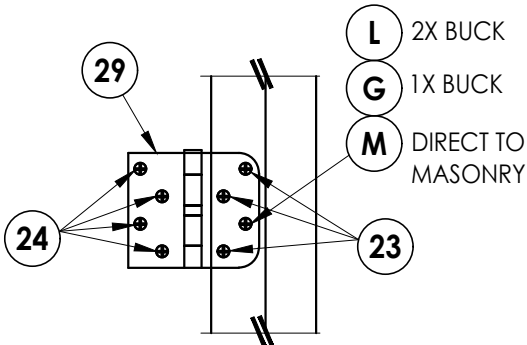
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt



HINGE JAMB



HINGE DETAIL

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
4	7/27/22	REMOVE FLUSH GLAZING OPTION
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	11/15/17	RECESSED PANEL NOTATION
NO.	DATE	BY

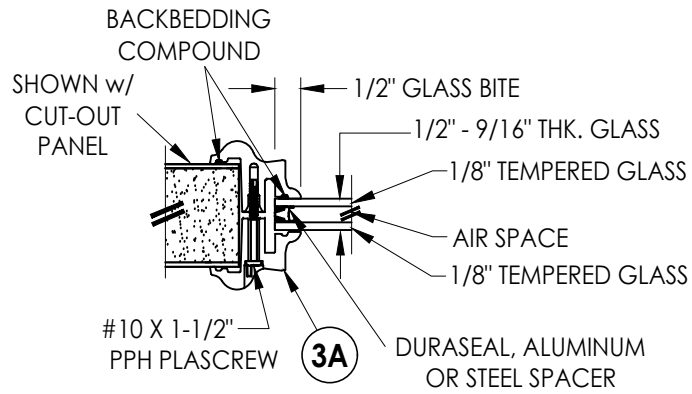
DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.13
SHEET 11 OF 14

PRODUCT:	THERMA TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

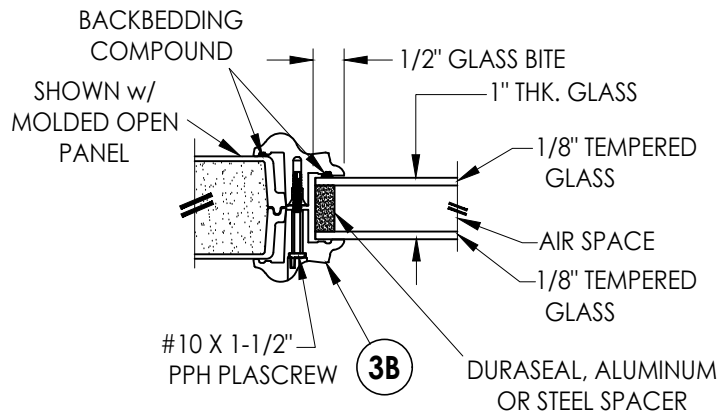
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

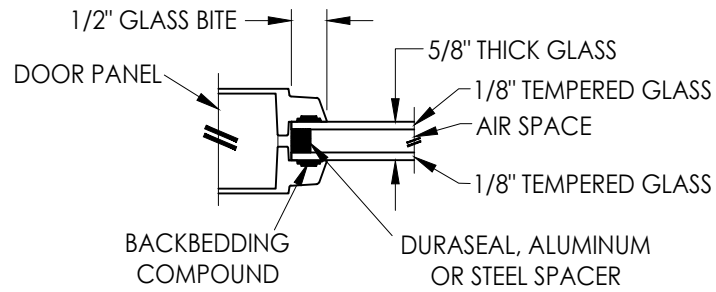
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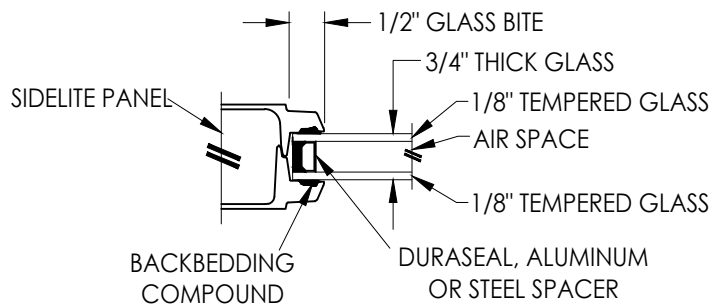
G1 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



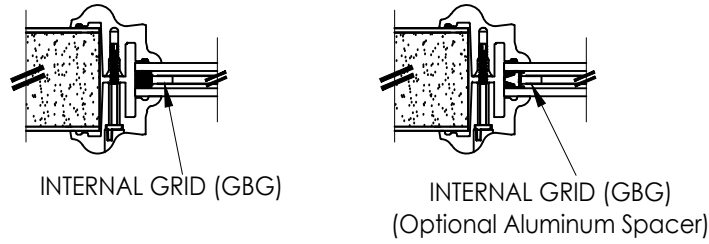
G2 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



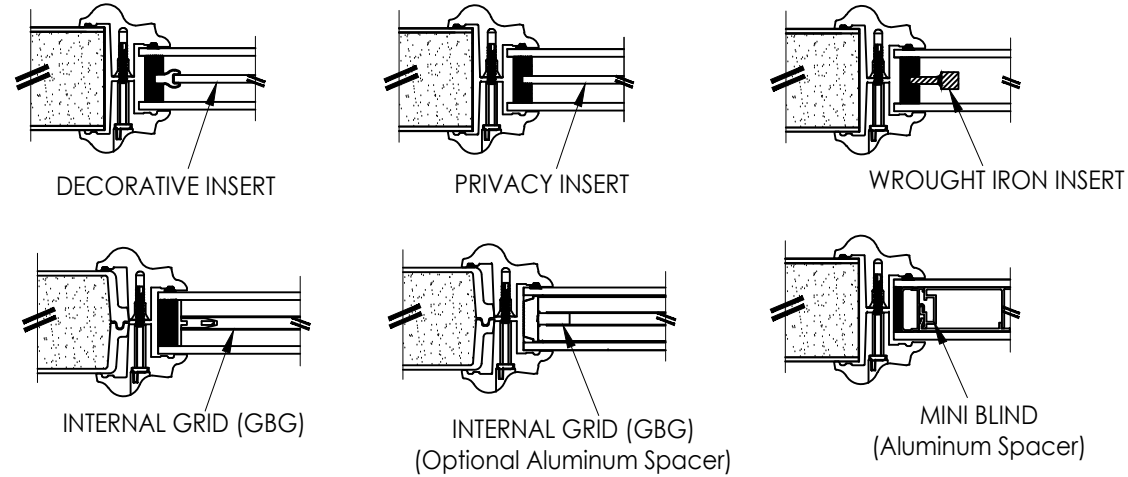
G3 GLAZING DETAIL
Flush Glazing
Door Panels



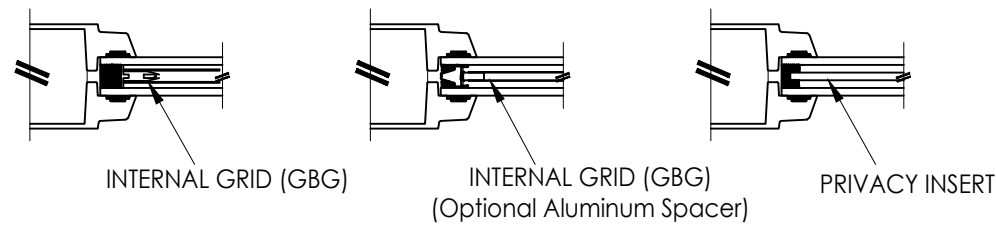
G4 GLAZING DETAIL
Flush Glazing
Sidelites



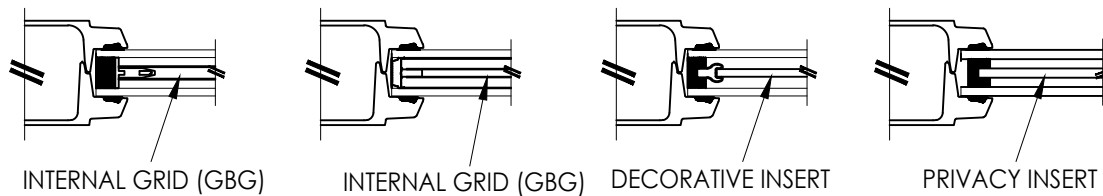
9/16" INSULATED GLASS INSERT OPTIONS



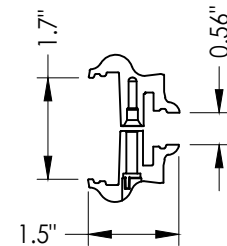
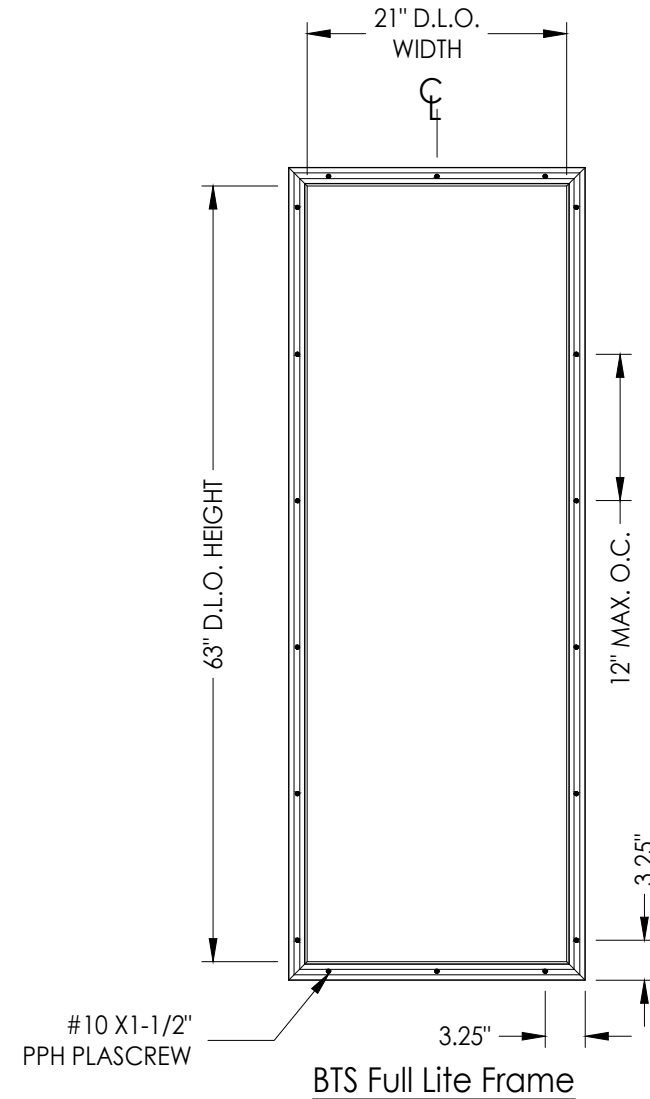
1" INSULATED GLASS INSERT OPTIONS



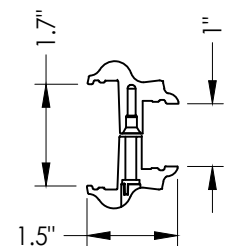
5/8" INSULATED GLASS INSERT OPTIONS



3/4" INSULATED GLASS INSERT OPTIONS



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



3B BTS LITE FRAME
1" Glazing

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairco, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
GLAZING DETAILS

		REVISIONS					
NO.	DATE	BY	JK	MT	PO	LFS	LFS
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	FBC	FBC	FBC	FBC
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	FBC	FBC	FBC	FBC
4	7/27/22	REMOVE FLUSH GLAZING OPTION	FBC	FBC	FBC	FBC	FBC
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	FBC	FBC	FBC	FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE	FBC	FBC	FBC	FBC	FBC
1	11/15/17	RECESSED PANEL NOTATION	FBC	FBC	FBC	FBC	FBC

DATE: 07/07/17

SCALE: N.T.S.

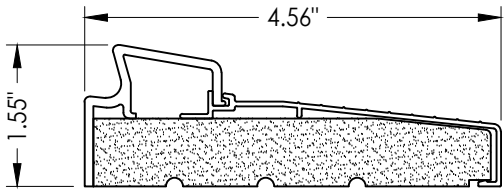
DWG. BY: JK

CHK. BY: LFS

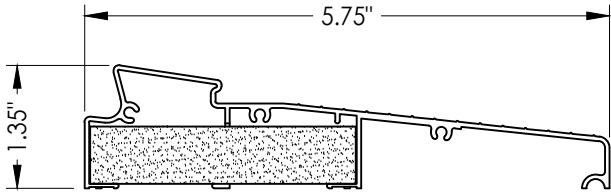
DRAWING NO.: FL-21133.13

SHEET 12 OF 14

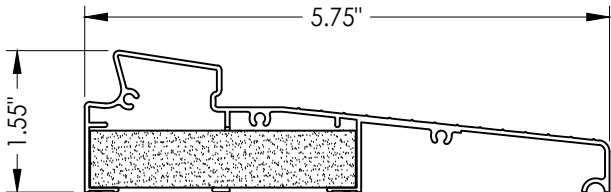
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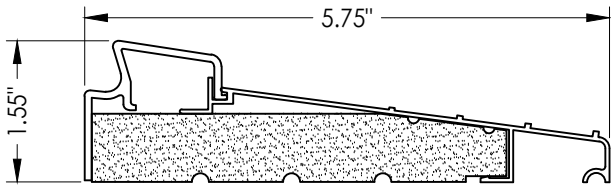
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



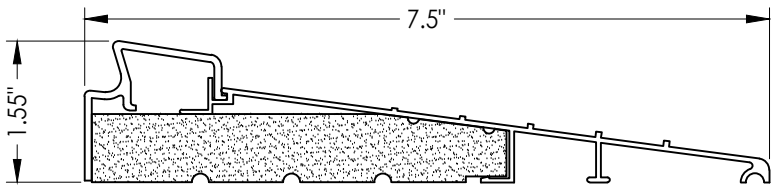
34 INSWING THRESHOLD
Inswing Moderate Climate Sil 1-3/8"



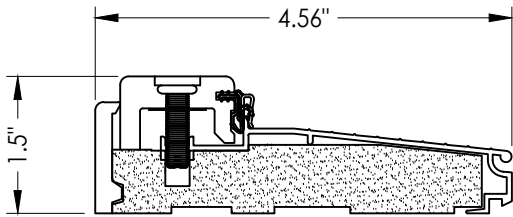
35 INSWING THRESHOLD
Inswing Moderate Climate Sil



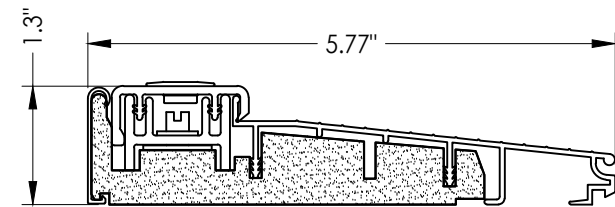
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



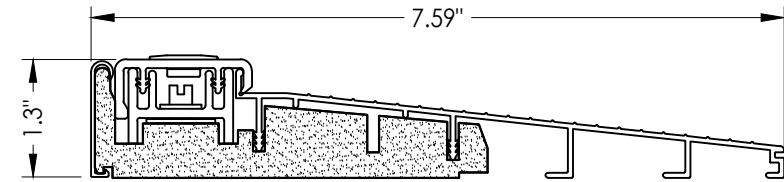
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



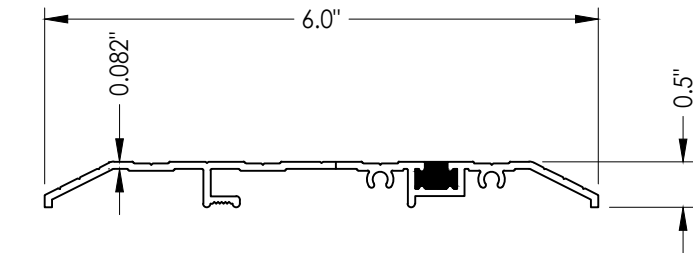
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



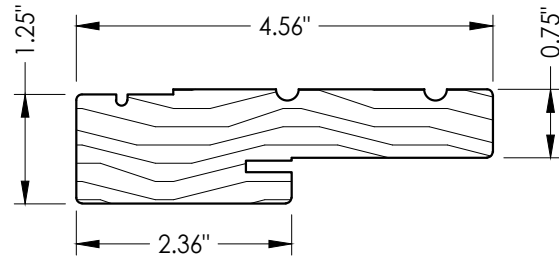
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



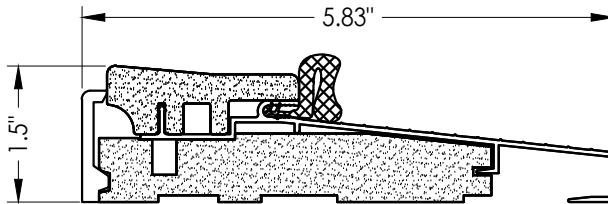
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



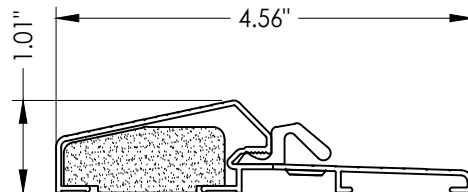
15 ADA THRESHOLD



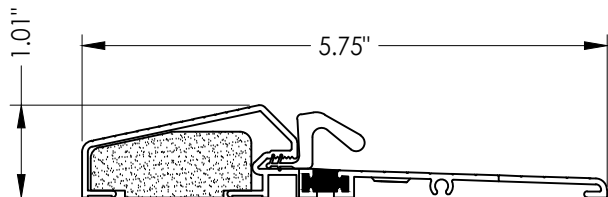
1 WOOD JAMB



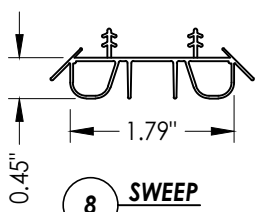
16 OUTSWING THRESHOLD
Composite Sill



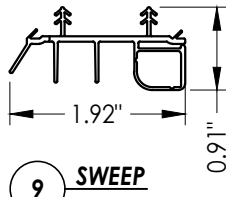
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



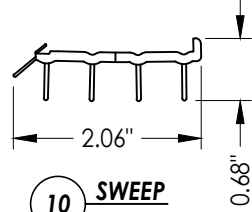
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



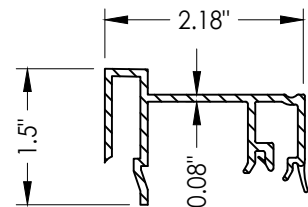
8 SWEEP



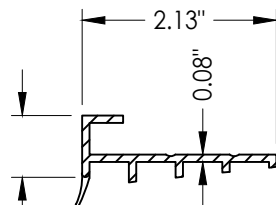
9 SWEEP



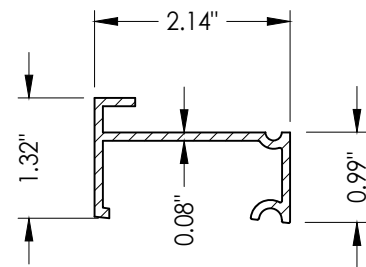
10 SWEEP



75 SIDELITE SPACER
Inswing



76 SIDELITE SPACER
Outswing



77 INSWING SIDELITE
Adapter
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	MT	JK	LFS	PO	FBC	NOTE
6	7/02/26	UPDATE TO 9TH ED.							
5	8/23/23	UPDATE TO 8TH ED.							
4	7/27/22	REMOVE FLUSH GLAZING OPTION							
3	7/16/20	UPDATE TO 7th ED							
2	10/10/18	REV. DOOR PANEL OPTION							
1	11/15/17	RECESSED PANEL NOTATION							

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-21133.13

SHEET 13 OF 14

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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
F	#10 X 2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" 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
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
1	JAMB (FINGER JOINT PINE)	WOOD
6	WEATHERSTRIP (MEDIUM REACH)	FOAM
7	WEATHERSTRIP (LONG REACH)	FOAM
8	SWEEP	VINYL
9	SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)	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
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
25	#8 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

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
29	4" X 4" HINGE	STEEL
32	INSWING THRESHOLD	ALUM/COMP
33	INSWING THRESHOLD	ALUM/COMP
34	INSWING THRESHOLD	ALUM/COMP
35	INSWING THRESHOLD	ALUM/COMP
36	INSWING THRESHOLD	ALUM/COMP
37	INSWING THRESHOLD	ALUM/COMP
38	INSWING THRESHOLD	ALUM/COMP
39	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL (BOOK)	-
41	DOOR PANEL (HYBRID)	-
42	DOOR PANEL (U1)	-
50	SIDELITE (FULL LITE)	-
60	SIDELITE (FLUSH GLAZED)	-
75	SIDELITE SPACER (INSWING)	PVC
76	SIDELITE SPACER (OUTSWING)	PVC
77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC

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:
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
 - 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.
 - 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:
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

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

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS

LFS

FBC

(2026)

9TH ED.

UPDATE TO

7/02/26

6

LFS

FBC

(2023)

8TH ED.

UPDATE TO

8/23/23

5

LFS

OPTION

REMOVE FLUSH GLAZING

7/27/22

4

PO

FBC

(2020)

7th ED

UPDATE TO

7/16/20

3

MT

NOTE

DOOR PANEL OPTION

10/10/18

2

JK

NOTATION

RECESSED PANEL

11/15/17

1

BY

DATE

NO

11/15/17

1

REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.13

SHEET 14 OF 14

RW

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

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