

THERMA-TRU®
DOORS

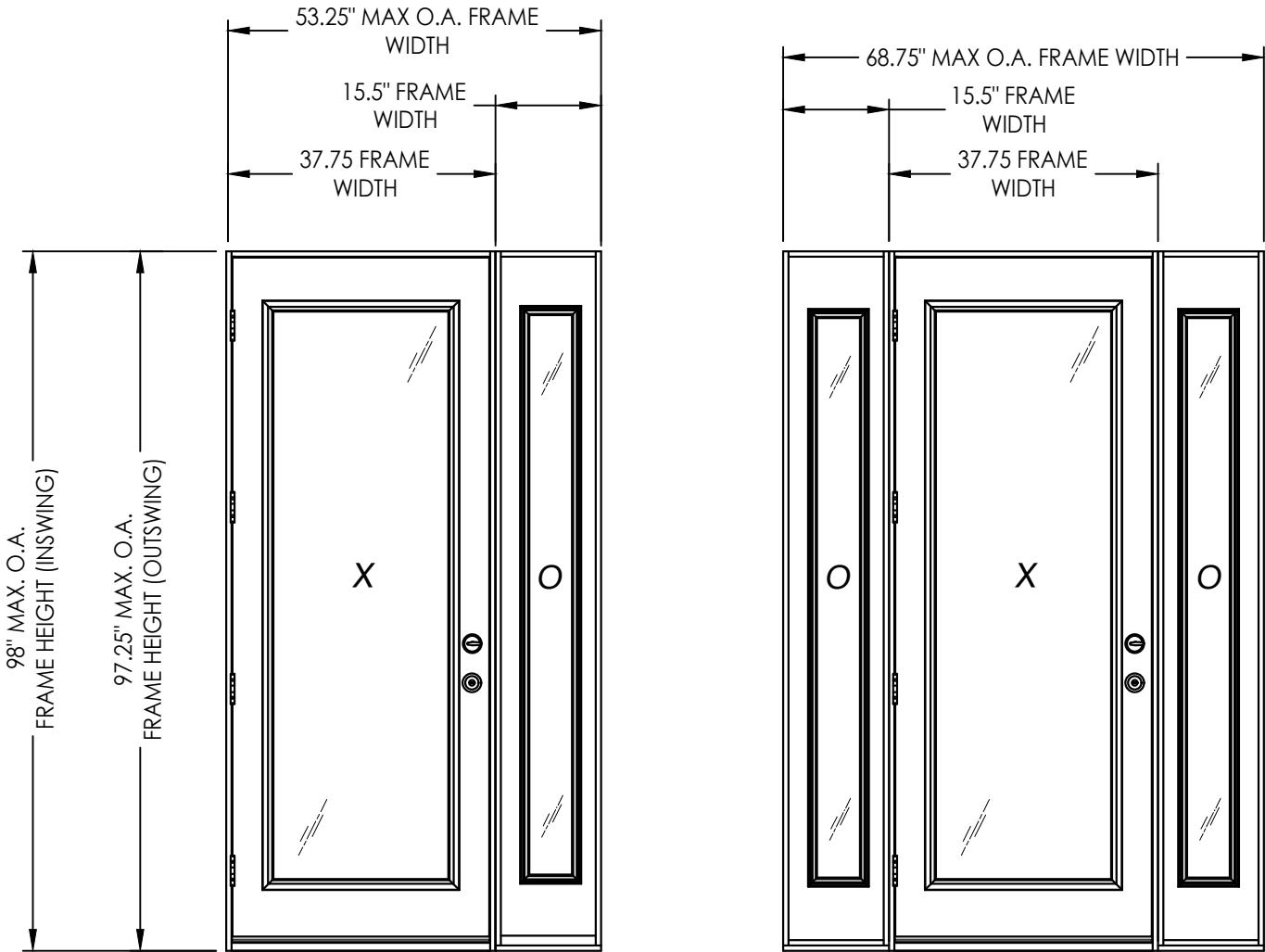
Fiber-Classic® & Smooth-Star®

WOOD EDGE
GLAZED FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"NON-IMPACT"

GENERAL NOTES

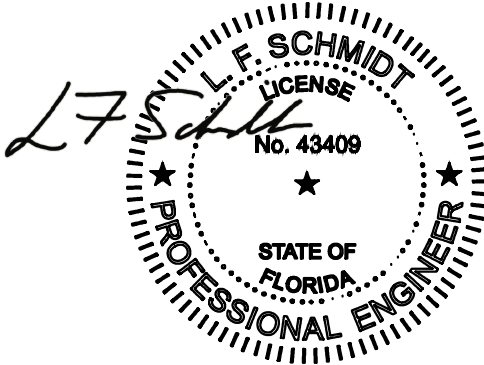
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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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SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
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7	Horizontal & Vertical Cross Sections (1X Buck)	15	Bill of Materials
8	Horizontal & Vertical Cross Sections (Direct to Masonry)		



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXO	+47.0	-47.0	+47.0	+47.0

See Sheet 5 for Hardware Specifications

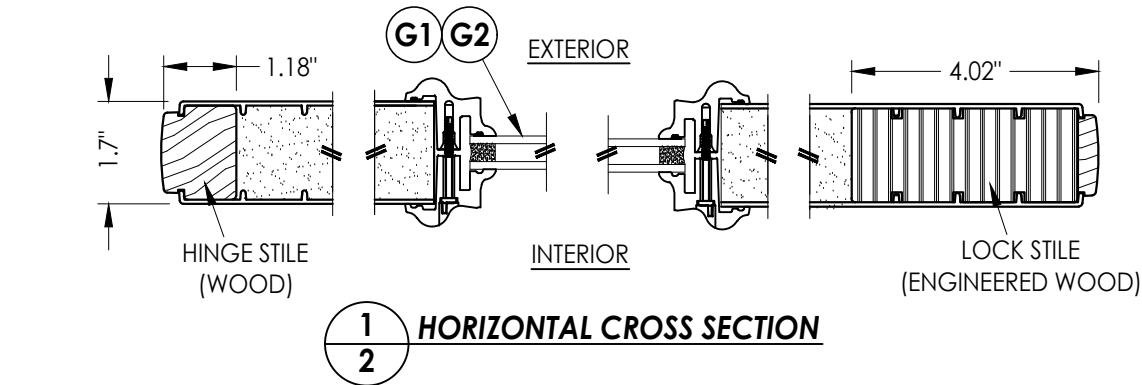


Digitally signed by Lyndon F Schmidt
Date: 2026.08.06 14:53:08
-04'00'

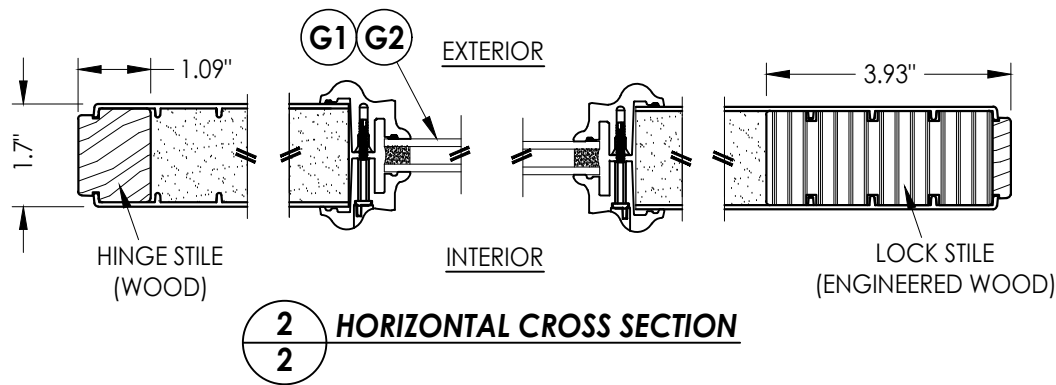
This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

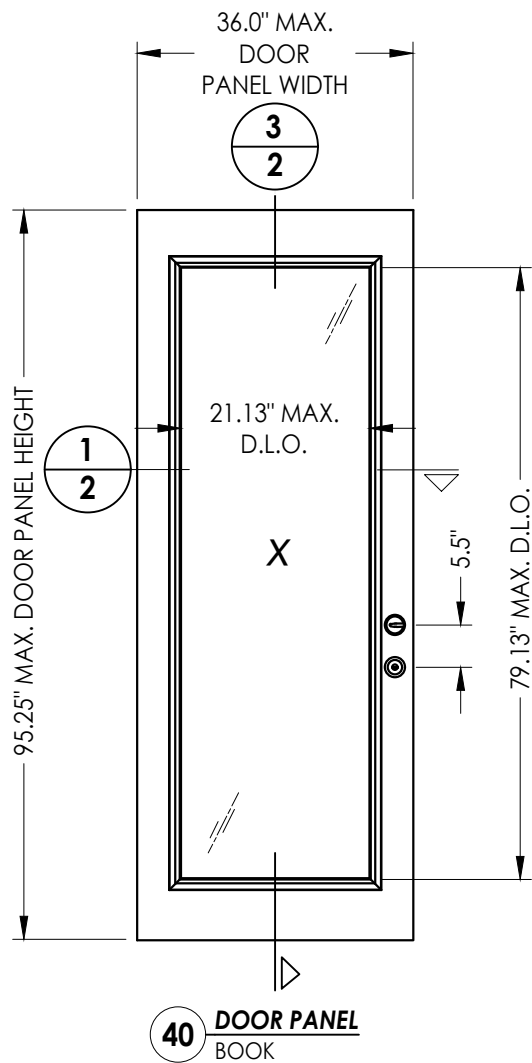
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813				
PRODUCT: THERMA-TRU FIBERGLASS DOOR					PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES				
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS				
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO					
2	10/10/18	REV. DOOR PANEL OPTION NOTE		MT					
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.		JK					
		& RECESSED PANEL NOTATION							
NO.	DATE			BY					
DATE: 07/07/17									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-21133.15									
SHEET 1 OF 15									



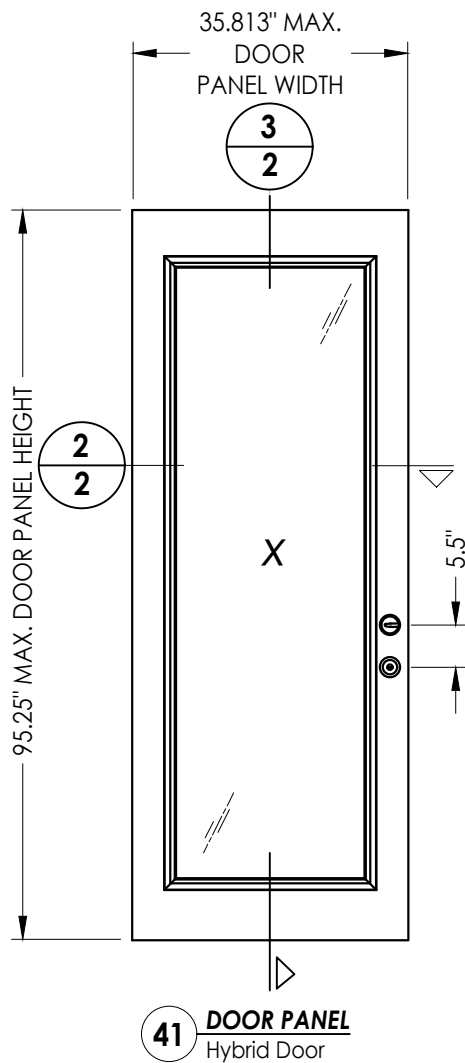
1
2 **HORIZONTAL CROSS SECTION**



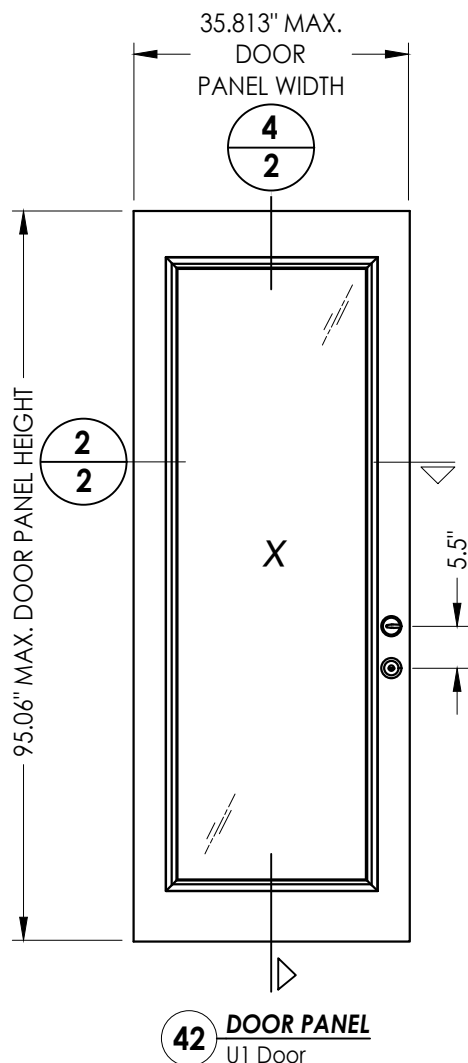
2
2 **HORIZONTAL CROSS SECTION**



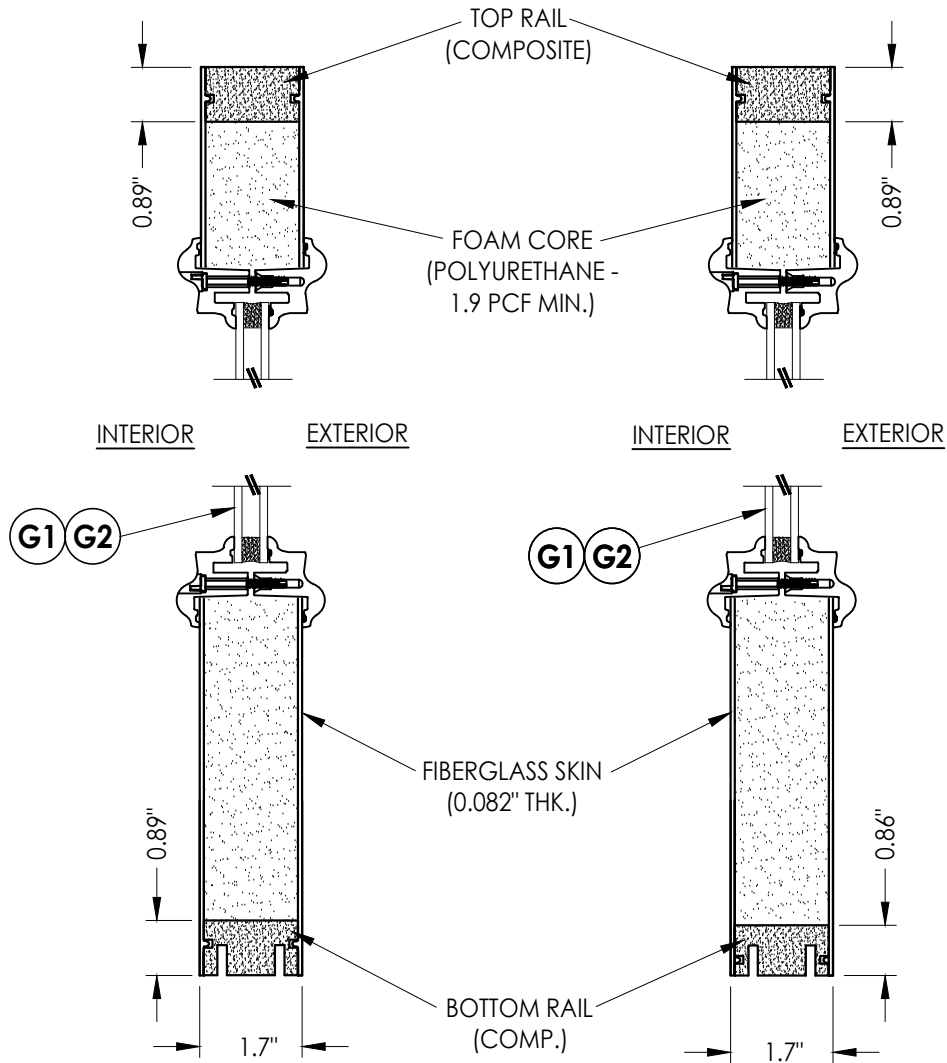
40 **DOOR PANEL**
BOOK



41 **DOOR PANEL**
Hybrid Door



42 **DOOR PANEL**
U1 Door



3
2 **VERTICAL CROSS SECTION**

4
2 **VERTICAL CROSS SECTION**

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RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

LFS	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION
NO.	DATE	

DATE: 07/07/17

SCALE: N.T.S.

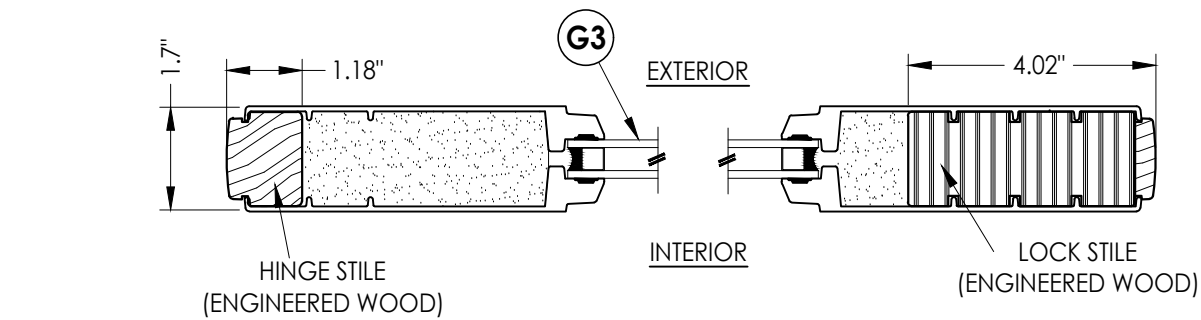
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CHK. BY: LFS

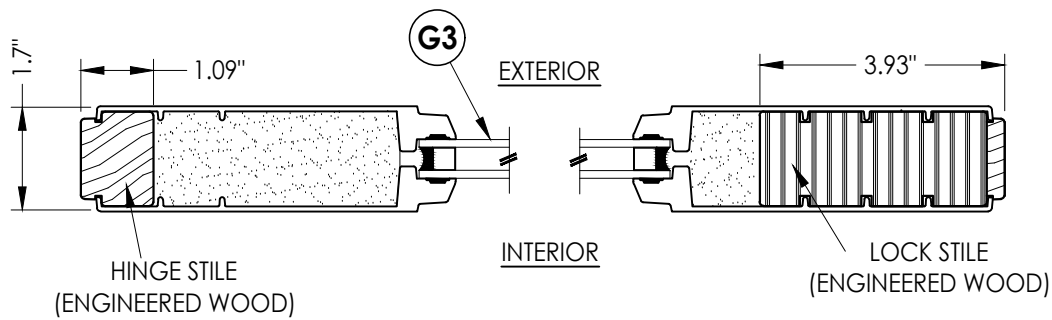
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SHEET 2 OF 15

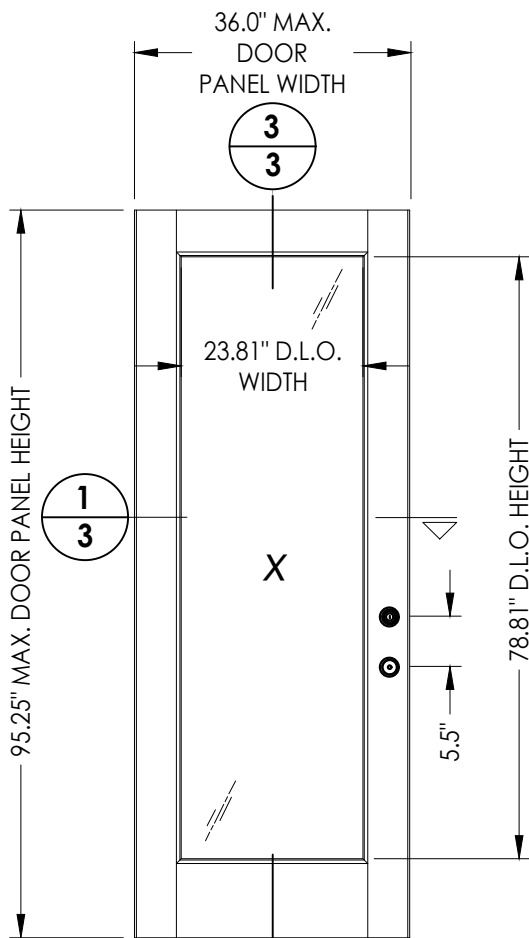
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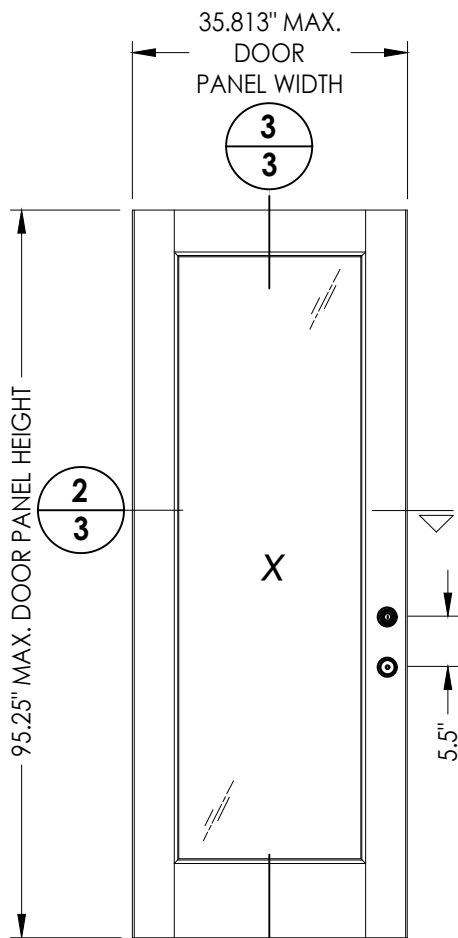
1
3 HORIZONTAL CROSS SECTION



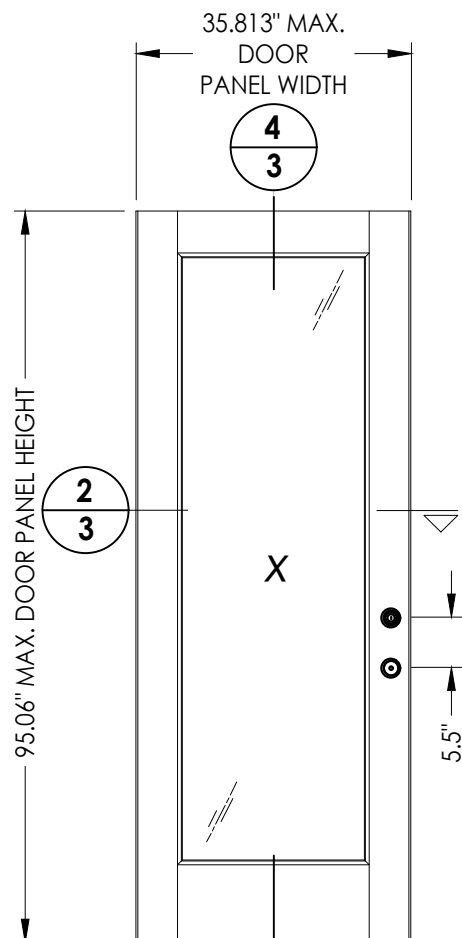
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3 HORIZONTAL CROSS SECTION



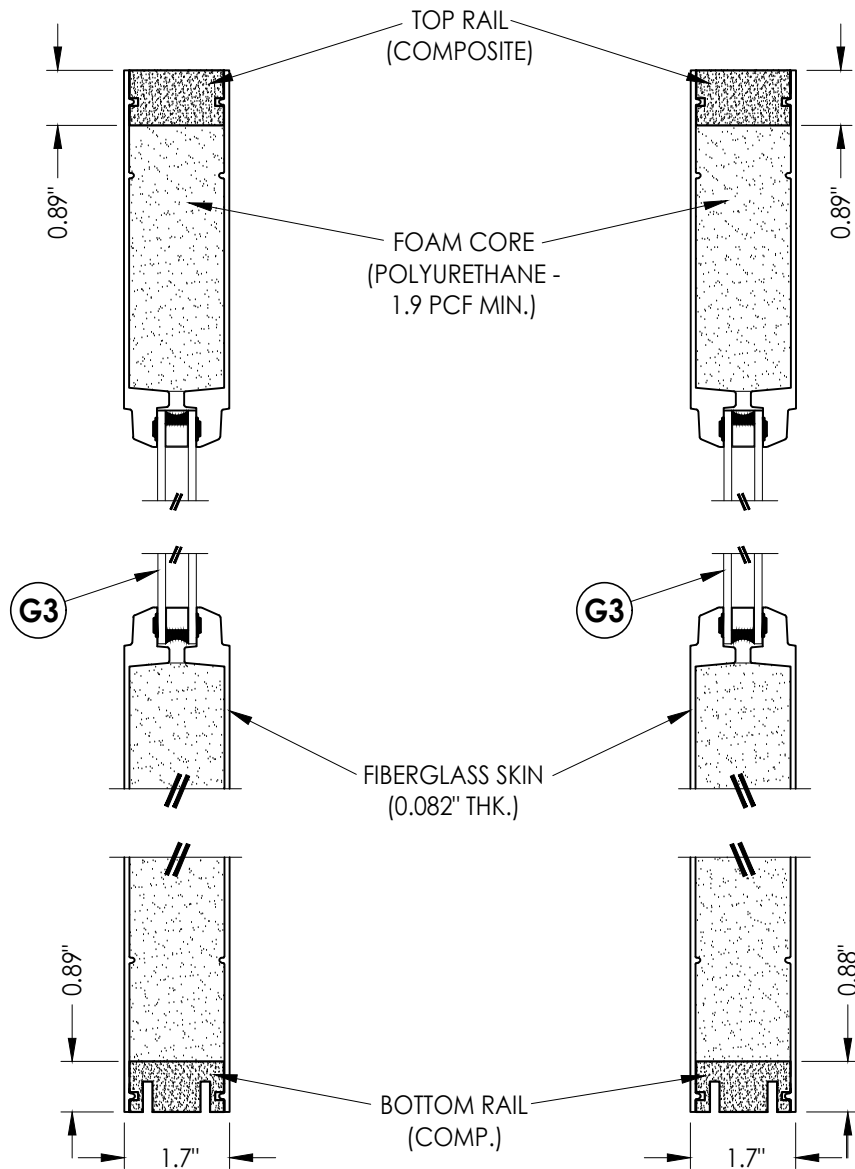
43 DOOR PANEL
BOOK



44 DOOR PANEL
Hybrid Door



45 DOOR PANEL
U1 Door



3
3 VERTICAL CROSS SECTION

4
3 VERTICAL CROSS SECTION

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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

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/23/23	UPDATE TO 8TH ED. (2023)	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	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	JK	BY
NO.	DATE	REVISIONS		

DATE: 07/07/17

SCALE: N.T.S.

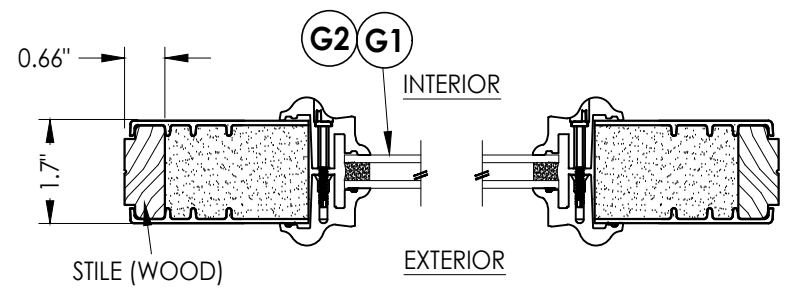
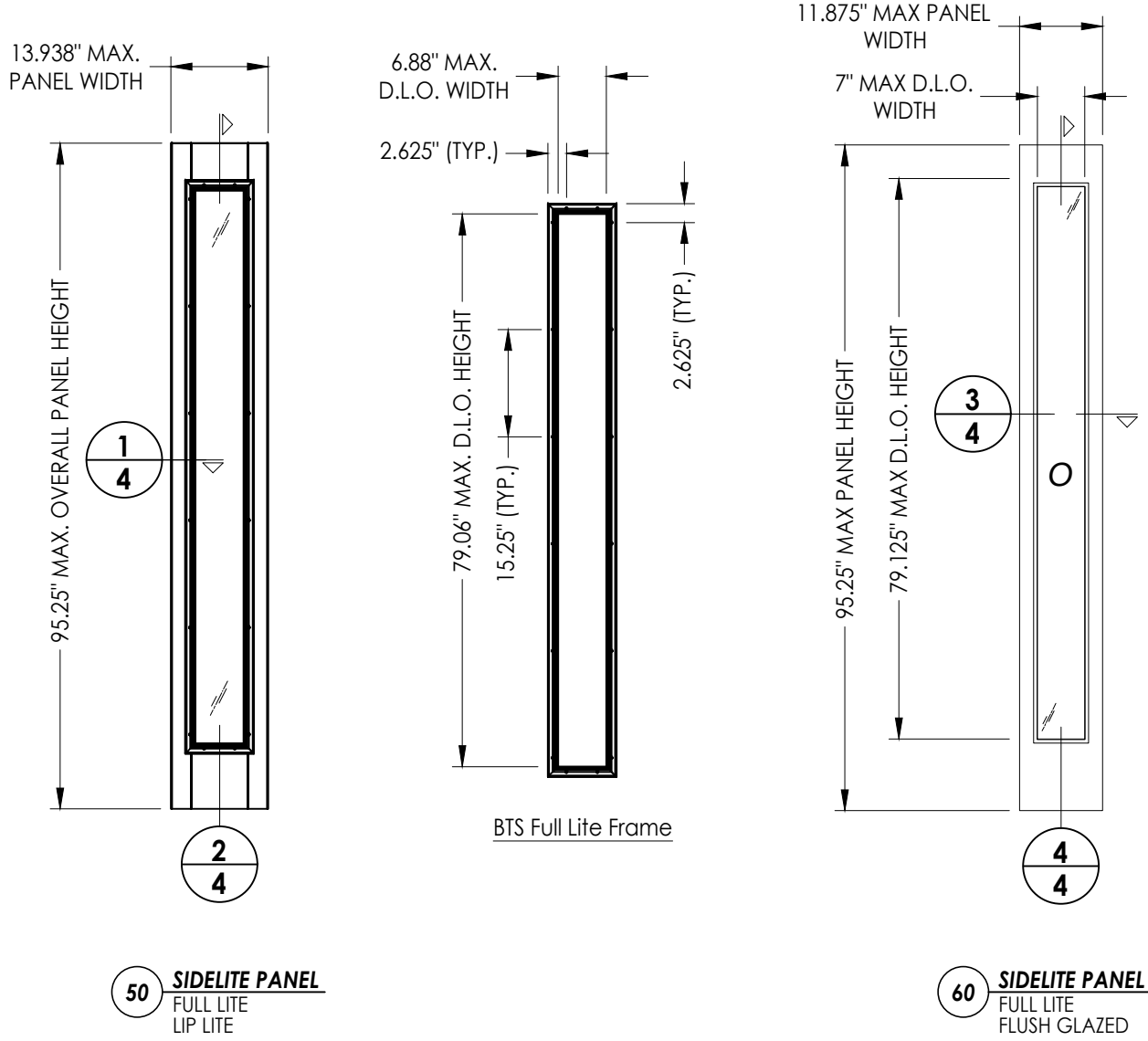
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CHK. BY: LFS

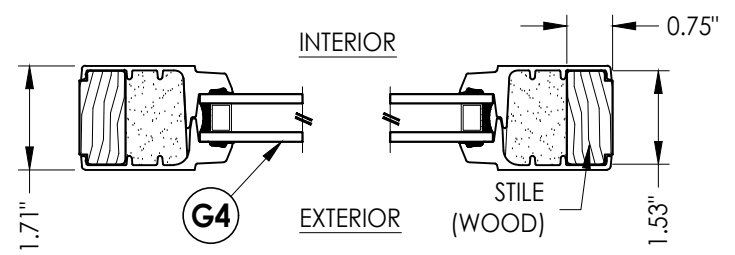
DRAWING NO.:
FL-21133.15

SHEET 3 OF 15

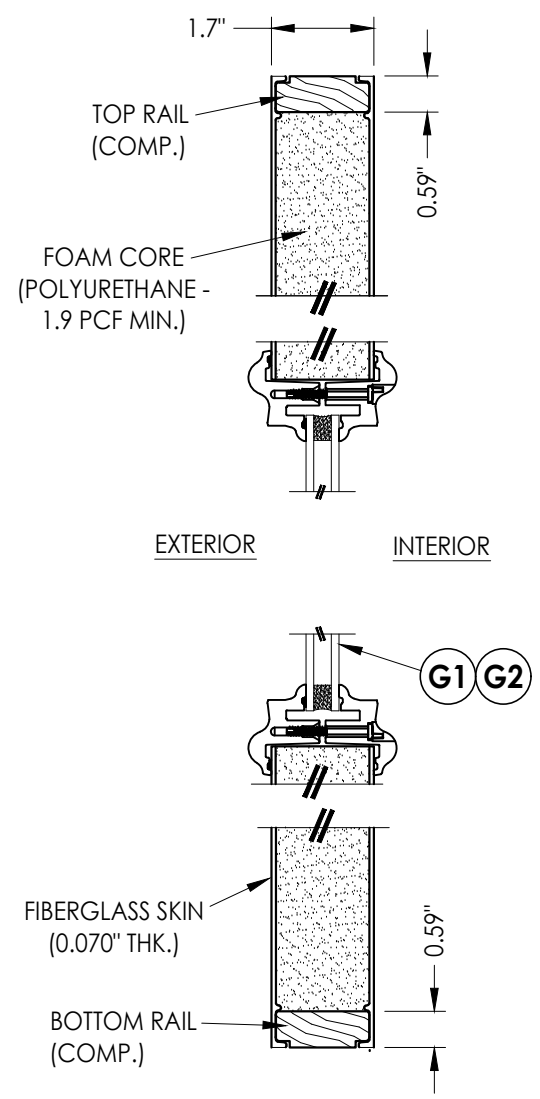
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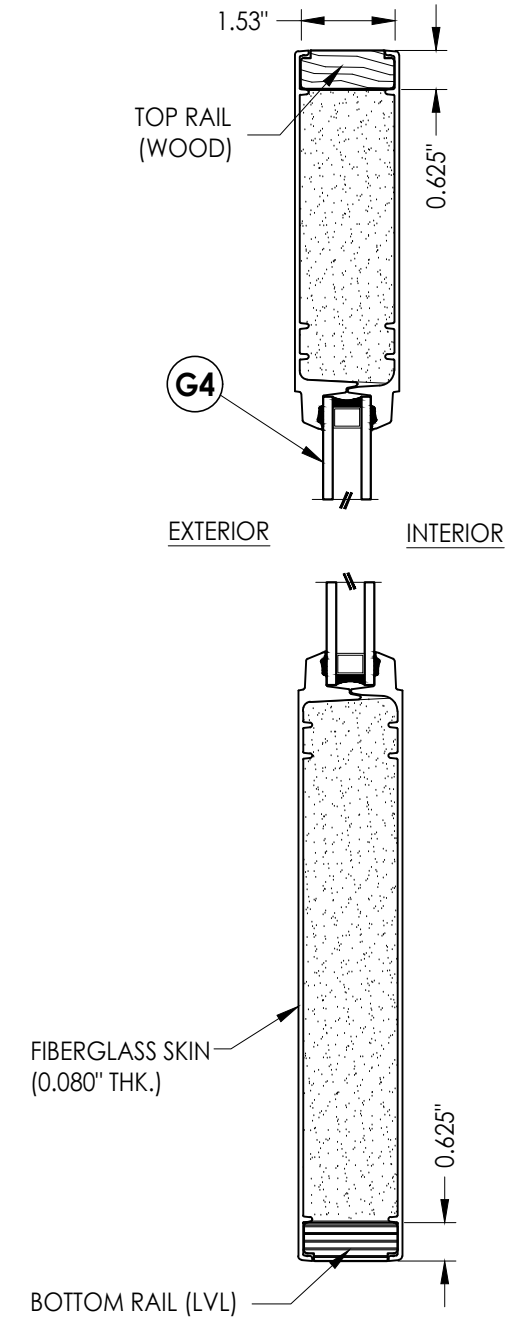
1/4 HORIZONTAL CROSS SECTION
Lip Lite Glazing



3/4 HORIZONTAL CROSS SECTION
Flush Glazed



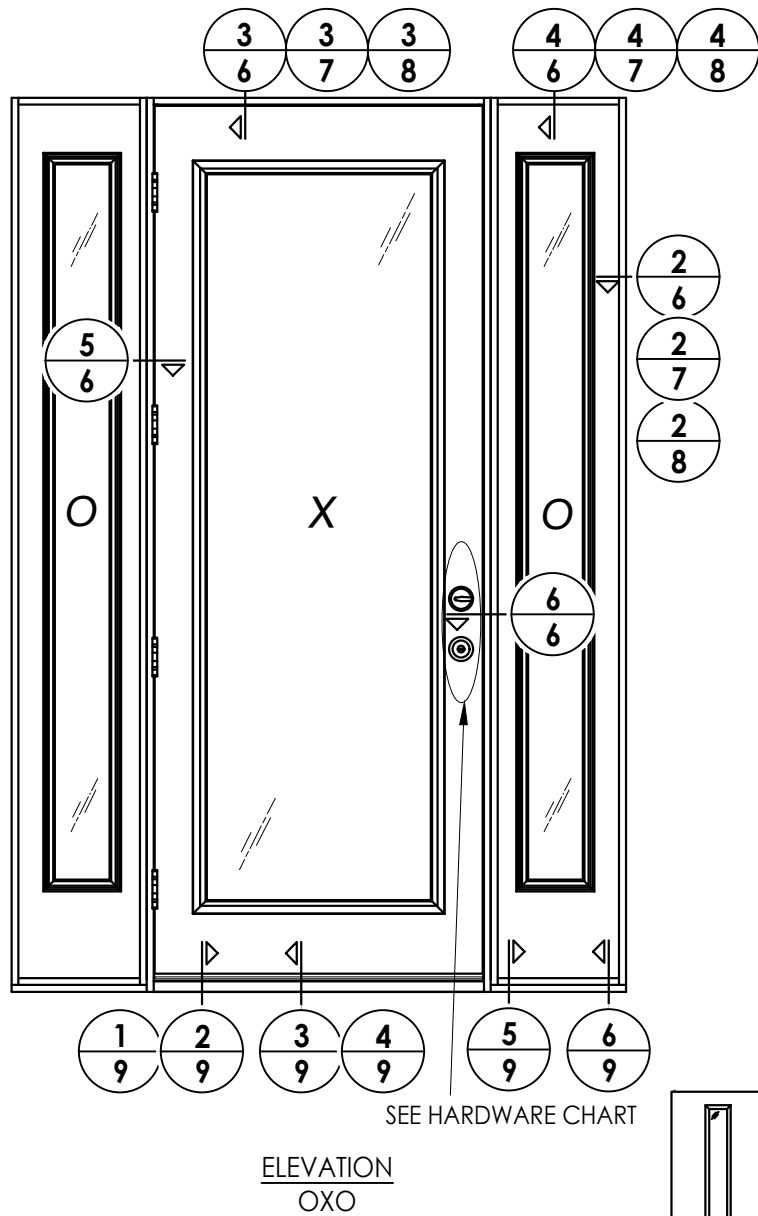
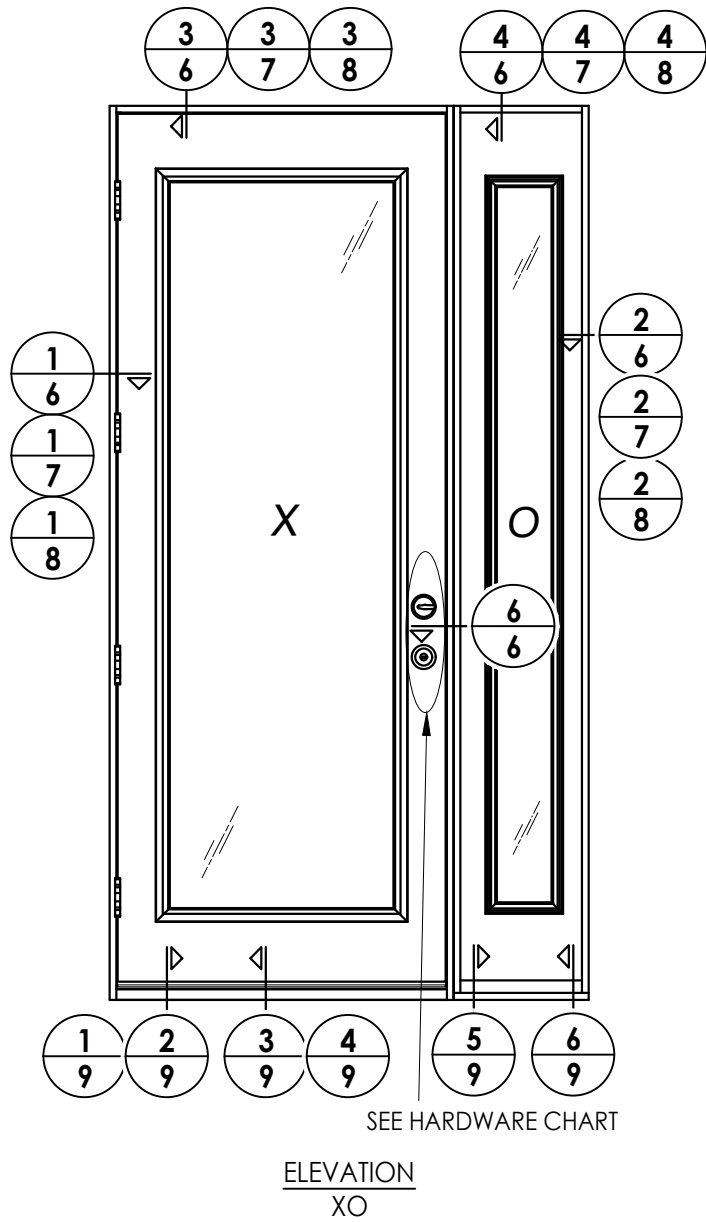
2/4 VERTICAL CROSS SECTION
Lip Lite Glazing



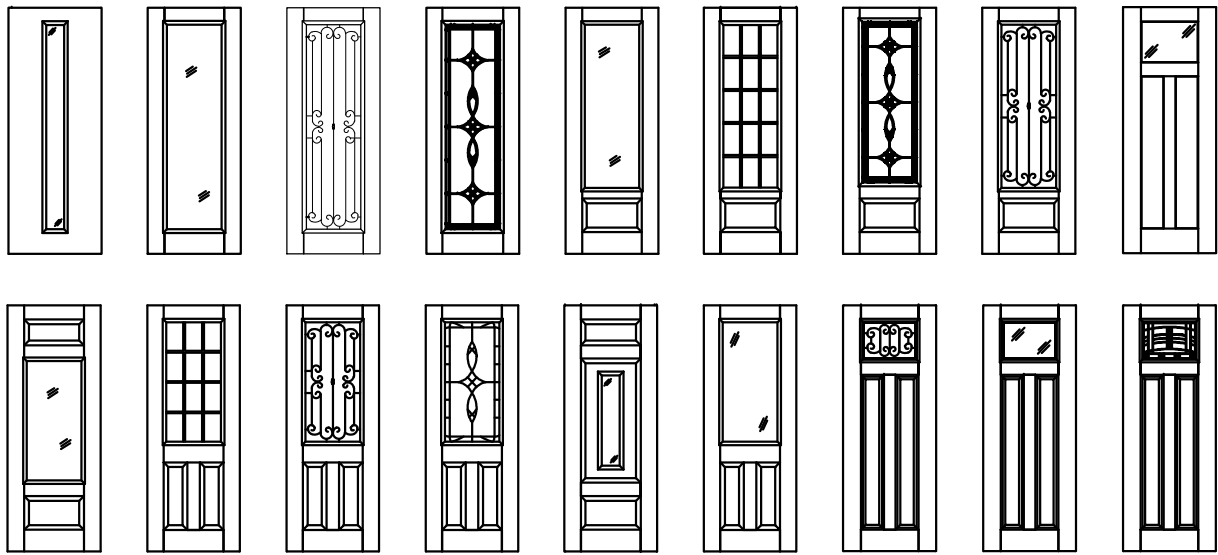
4/4 VERTICAL CROSS SECTION
Flush Glazed

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: SIDELITE PANEL DETAILS				
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	NO.	DATE	REVISIONS		
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO					
2	10/10/18	REV. DOOR PANEL OPTION NOTE	MT						
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.	JK						
DATE: 07/07/17									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-21133.15									
SHEET 4 OF 15									

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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)	



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.

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P.O. Box 230, Vairico, FL 33595
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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

DATE	NO.	DATE	BY
7/02/26	5	7/02/26	LFS
8/23/23	4	8/23/23	FBC
7/16/20	3	7/16/20	FBC
10/10/18	2	10/10/18	PO
10/15/17	1	10/15/17	MT
RECESSED PANEL NOTATION		O. C.	
ADD DEADBOLT 5-1/2" O. C.		JK	
REV. DOOR PANEL OPTION		NOTE	
UPDATE TO 7th ED (2020)		FBC	
UPDATE TO 8th ED. (2023)		FBC	
UPDATE TO 9th ED. (2026)		LFS	

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

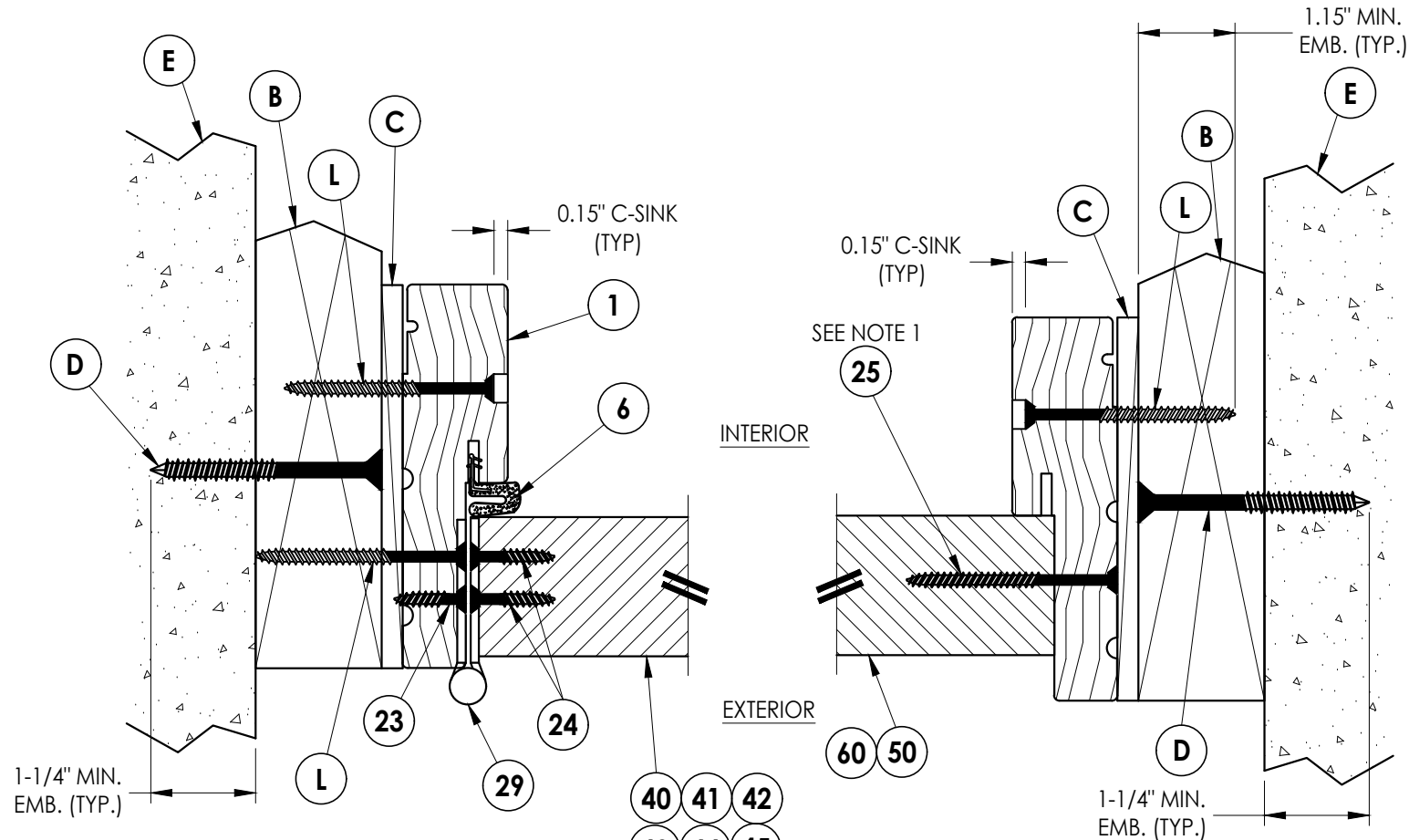
CHK. BY: LFS

DRAWING NO.:

FL-21133.15

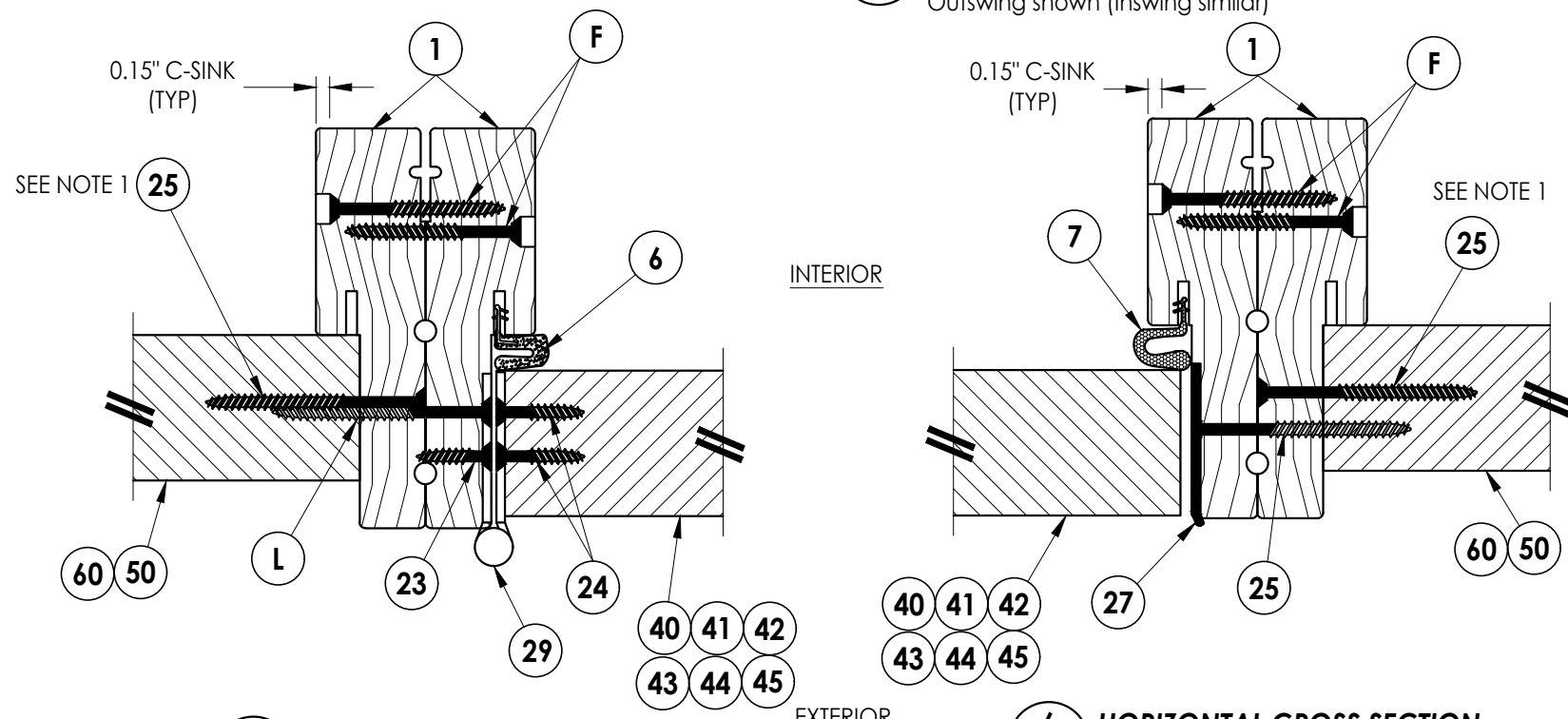
SHEET 5 OF 15

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

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

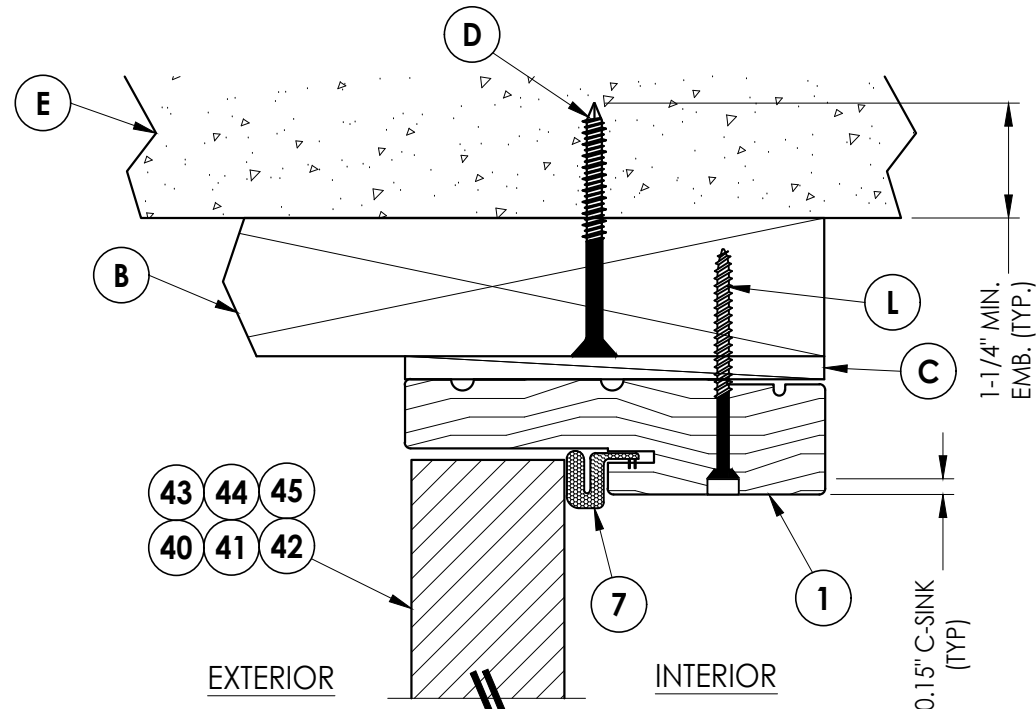


5
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

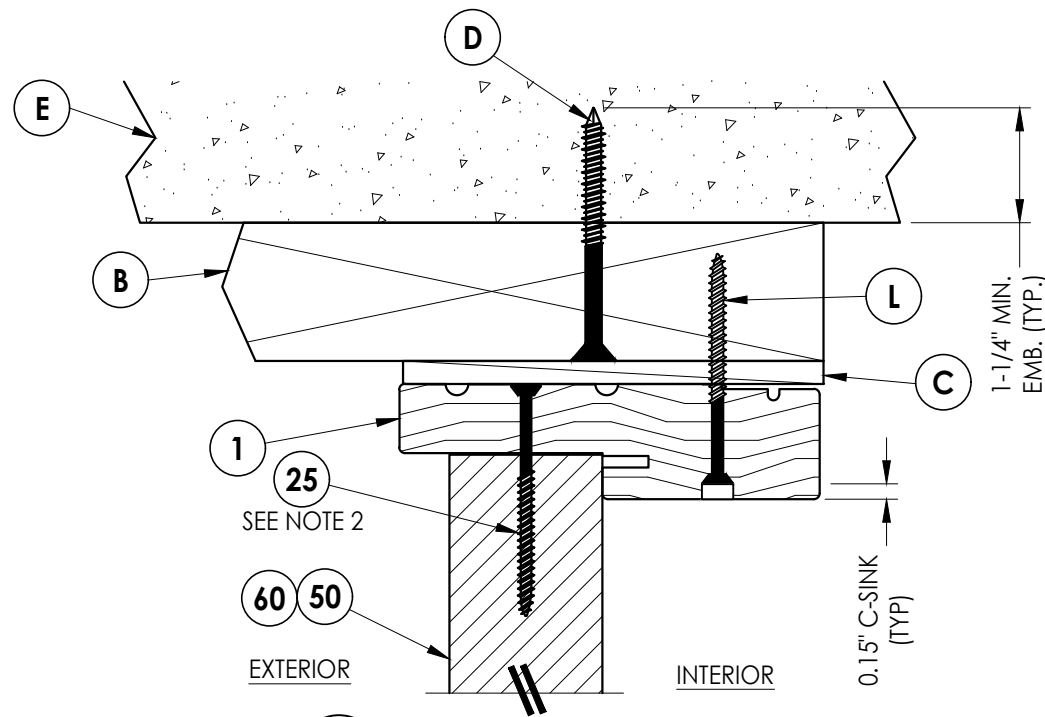
6
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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



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

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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:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

LFS	FBC	(2026)	UPDATE TO 9TH ED.	BY
5	7/02/26	7/02/26	UPDATE TO 9TH ED.	JK
4	8/23/23	8/23/23	UPDATE TO 8TH ED.	JK
3	7/16/20	7/16/20	UPDATE TO 7TH ED.	JK
2	10/10/18	10/10/18	REV. DOOR PANEL OPTION	MT
1	10/15/17	10/15/17	ADD DEADBOLT 5-1/2" O. C.	JK
NO.	DATE	REVISIONS		

DATE: 07/07/17

SCALE: N.T.S.

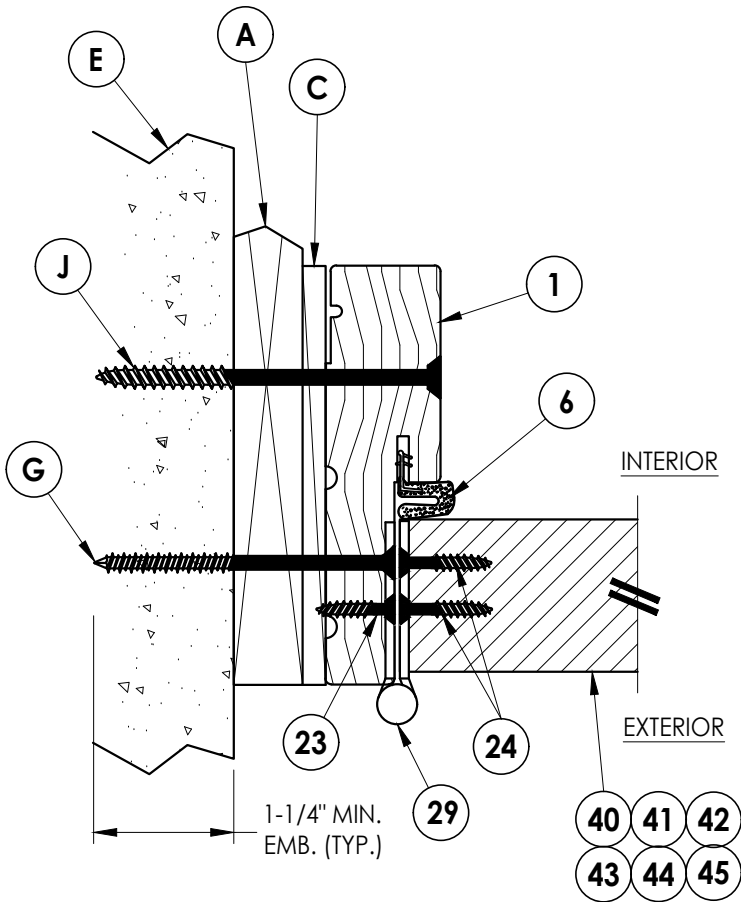
DWG. BY: JK

CHK. BY: LFS

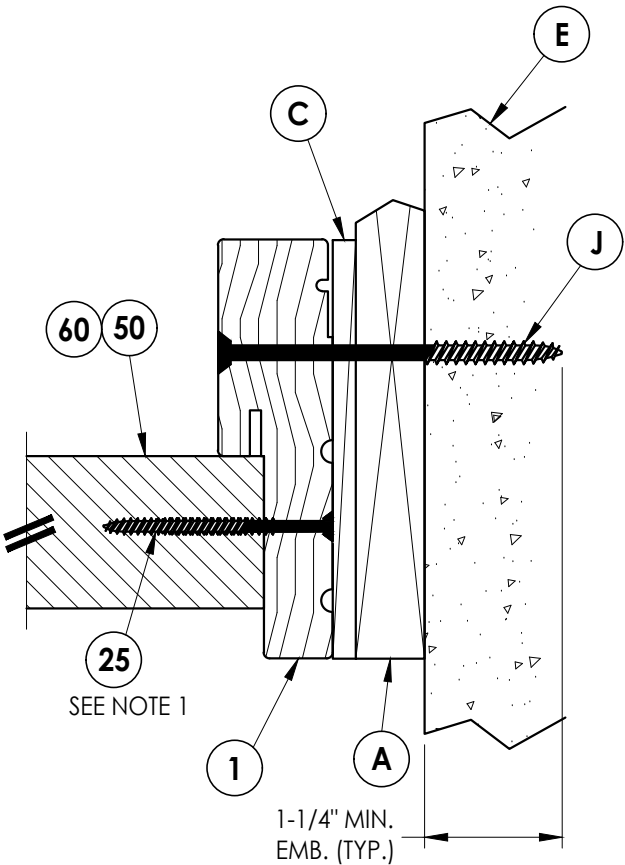
DRAWING NO.: FL-21133.15

SHEET 6 OF 15

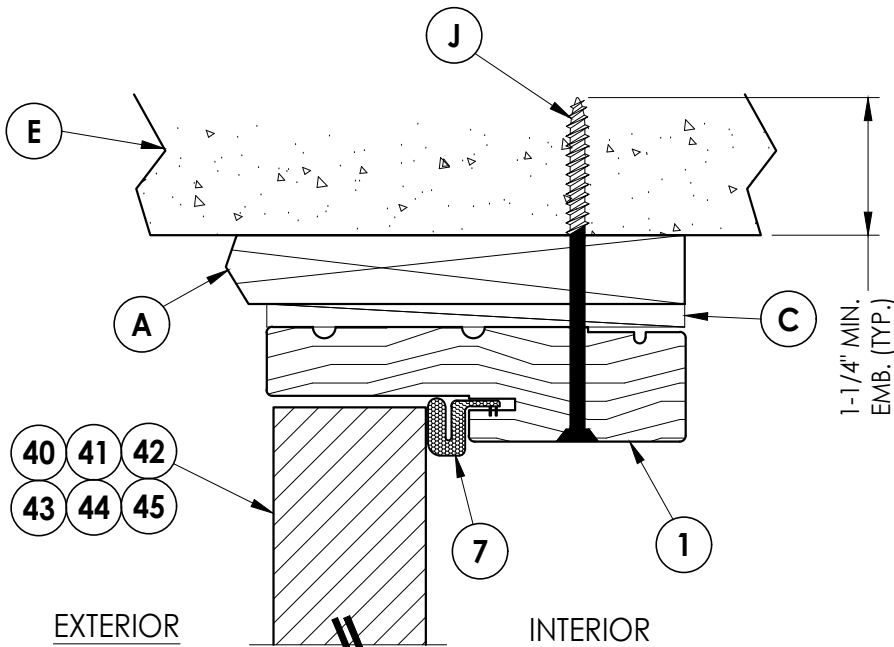
- Notes:
- 1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
 - 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



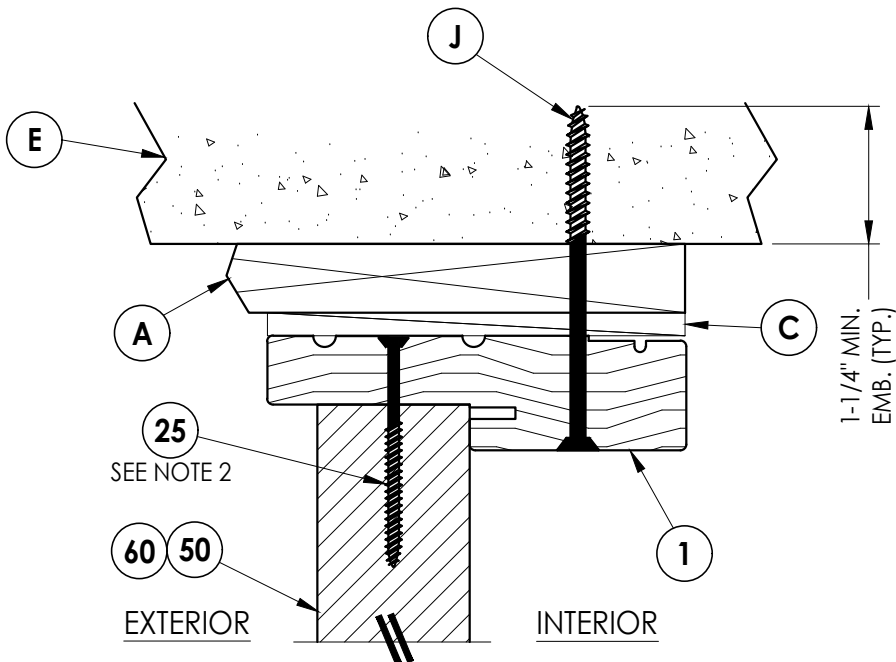
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



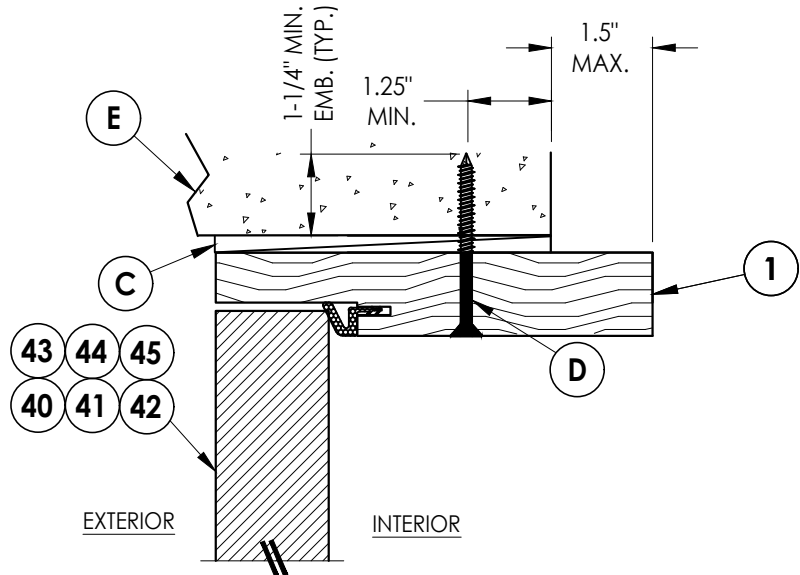
3
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



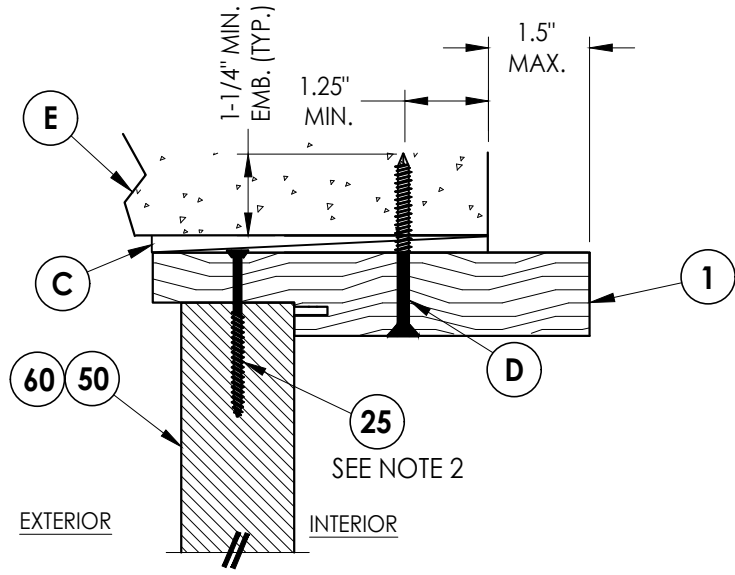
4
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/16/20	UPDATE TO 7th ED (2020)	FBC
2	10/10/18	REV. DOOR PANEL OPTION	NOTE
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.	JK
NO. DATE		REVISIONS	
DATE: 07/07/17		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-21133.15		SHEET 7 OF 15	

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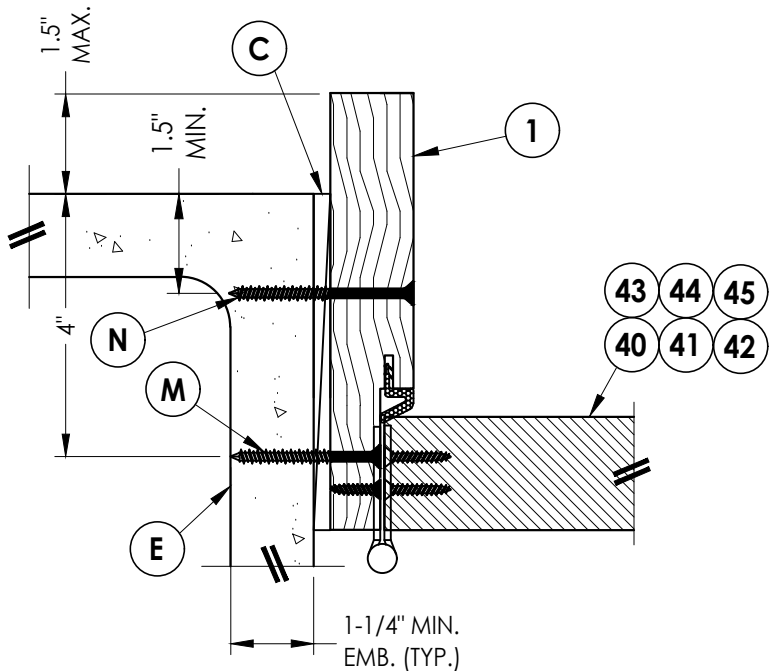
3 **HORIZONTAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



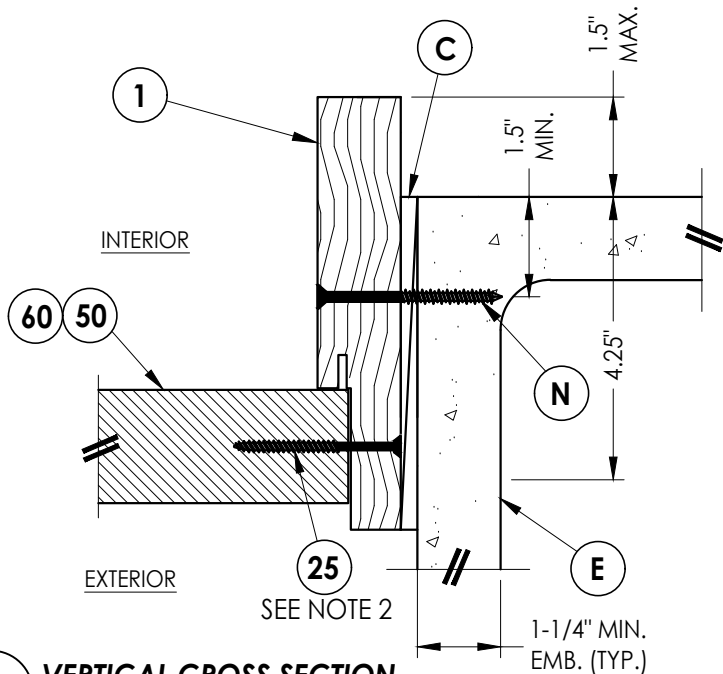
6 **VERTICAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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



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

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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

LFS	5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
LFS	4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
PO	3	7/16/20	UPDATE TO 7th ED (2020)	FBC
MT	2	10/10/18	REV. DOOR PANEL OPTION NOTE	
JK	1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	
BY	NO.	DATE	REVISIONS	

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

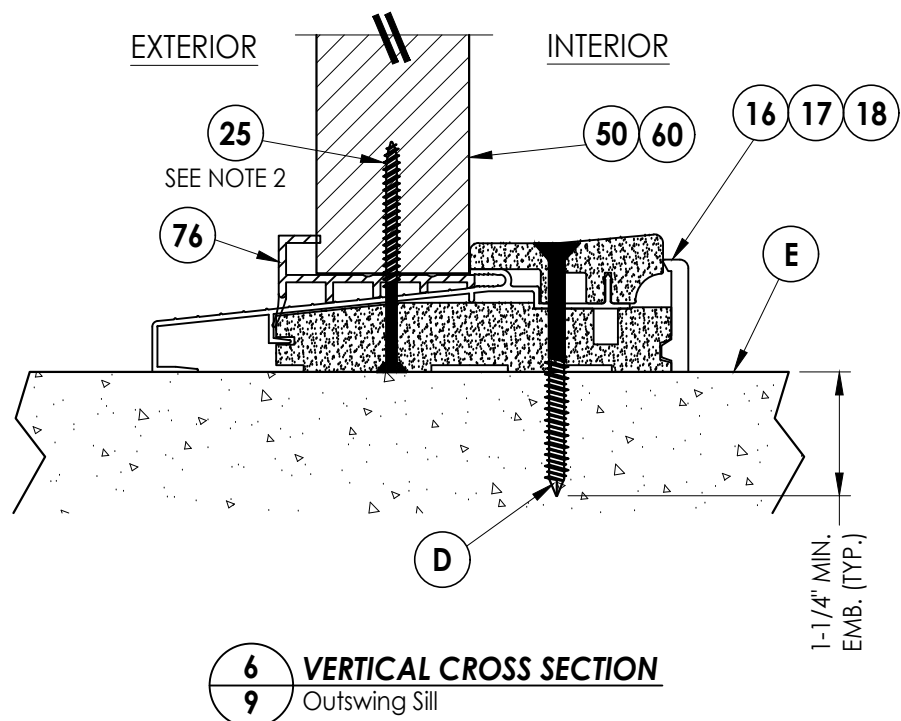
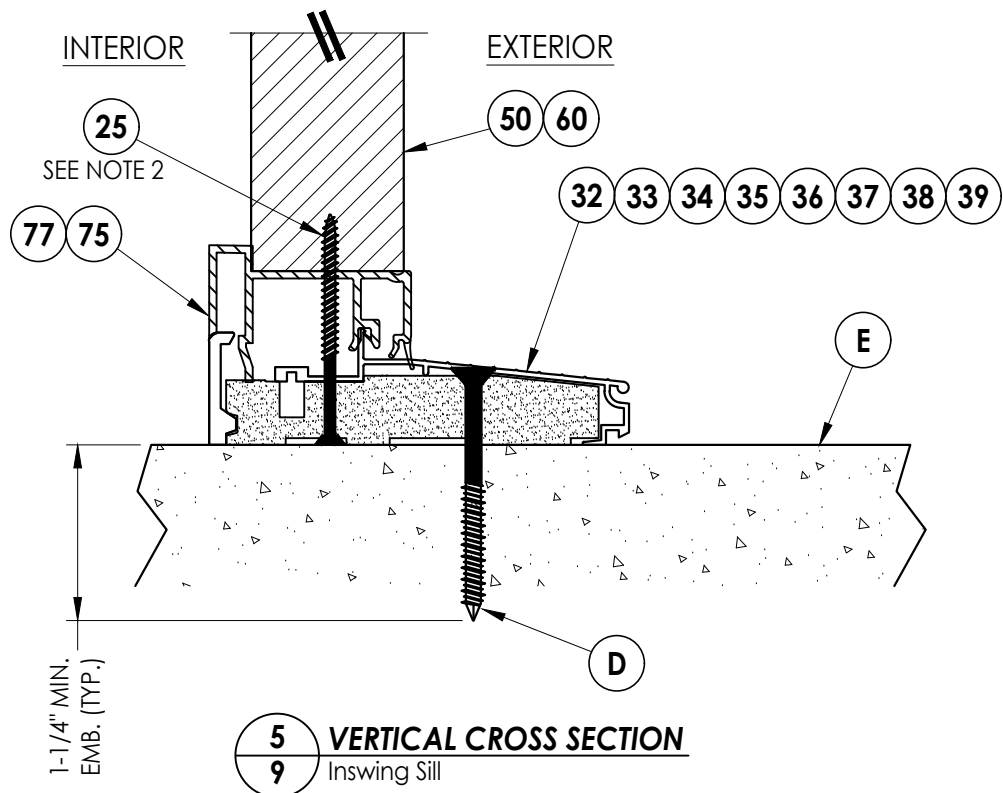
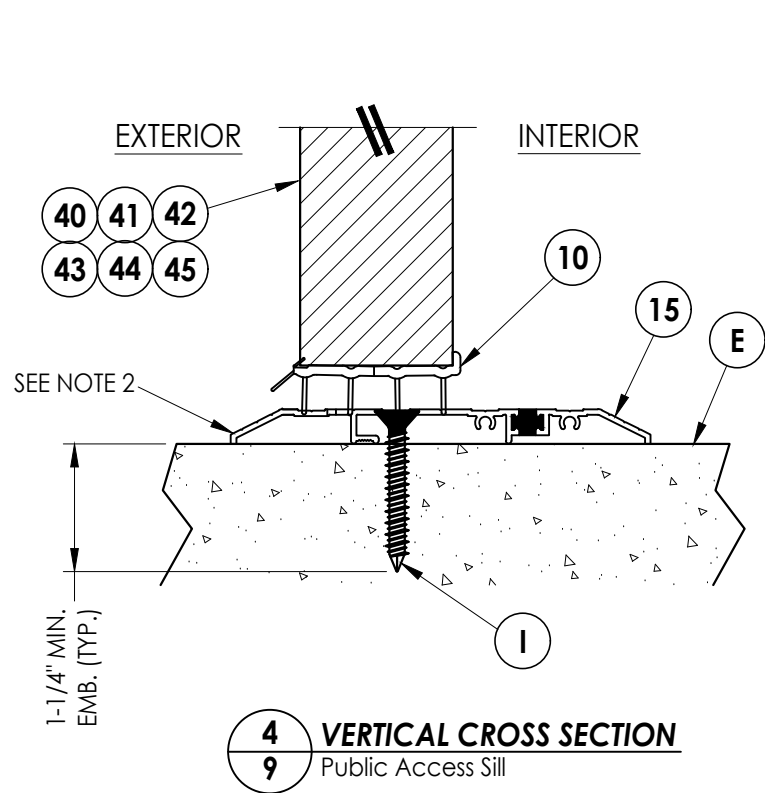
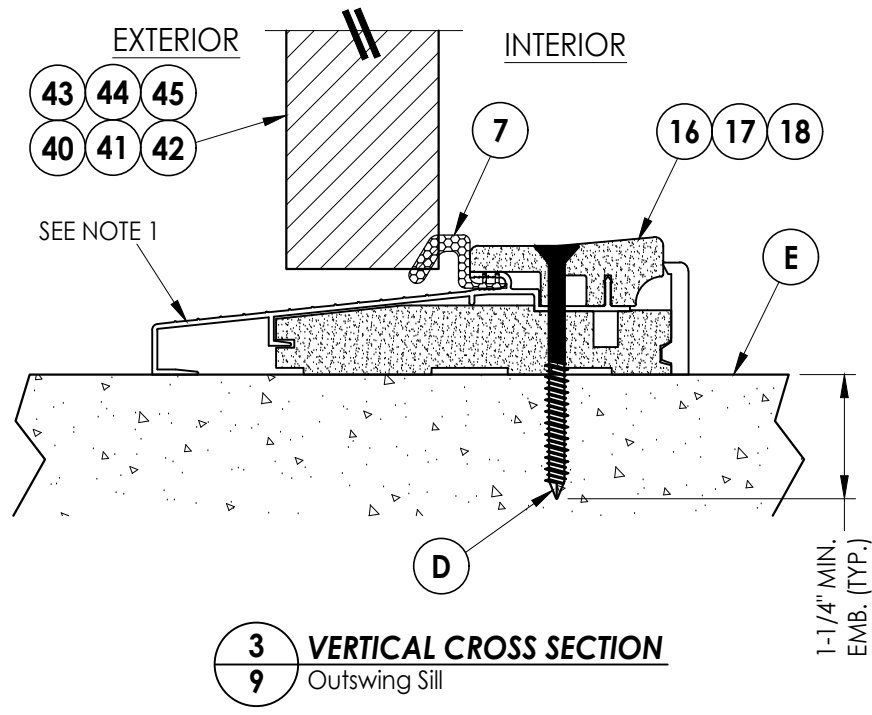
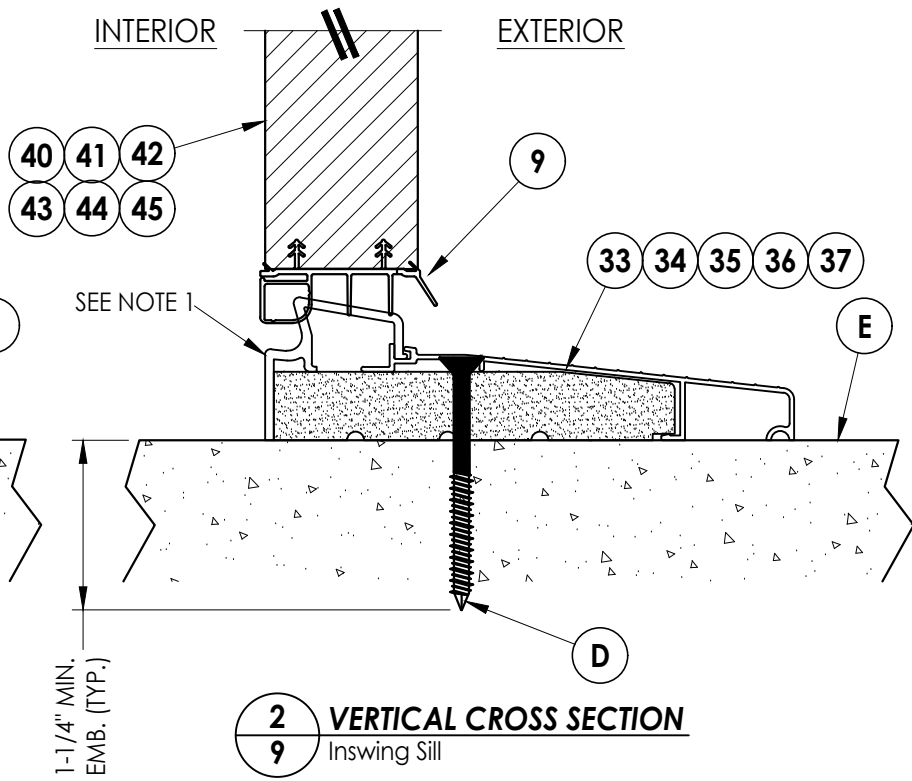
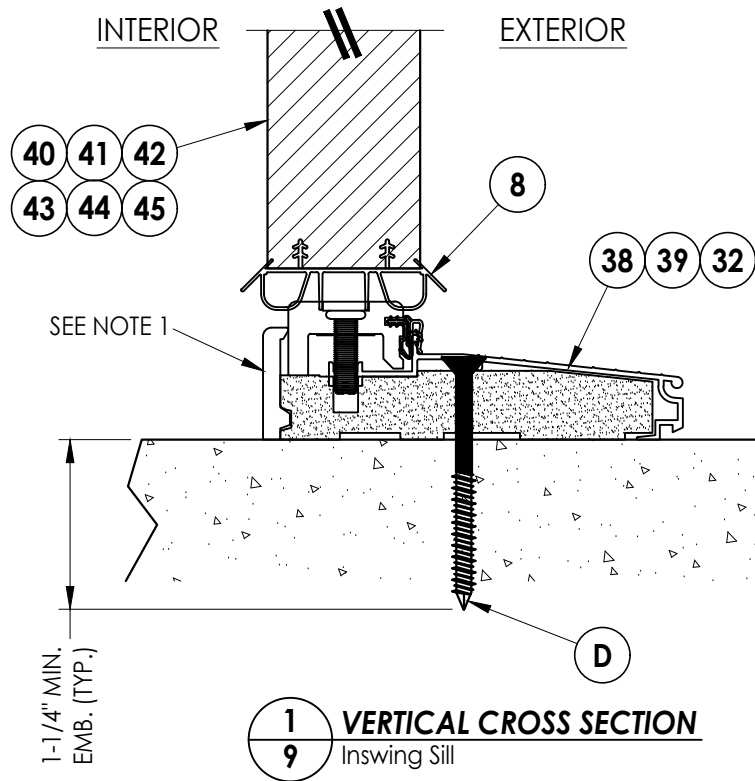
CHK. BY: LFS

DRAWING NO.: FL-21133.15

SHEET 8 OF 15

Z:\2023 FBC Drawings\Therma-Tru\FL-21133 R12\FL-21133.14-16.dwg

- Notes:
1. Sill Item #'s 17, 18, 32, 34, 35, 36, 37 & 38 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 screws at each end.



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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

LFS	FBC	FBC	FBC	PO	MT	JK	BY
5	7/02/26	UPDATE TO 9TH ED. (2026)	UPDATE TO 8TH ED. (2023)	UPDATE TO 7TH ED. (2020)	REV. DOOR PANEL OPTION NOTE	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	
4	8/23/23	UPDATE TO 8TH ED. (2023)	UPDATE TO 7TH ED. (2020)	UPDATE TO 7TH ED. (2020)	REV. DOOR PANEL OPTION NOTE	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	
3	7/16/20	UPDATE TO 7TH ED. (2020)	UPDATE TO 7TH ED. (2020)	UPDATE TO 7TH ED. (2020)	REV. DOOR PANEL OPTION NOTE	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	
2	10/10/18	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	
NO.	DATE	REVISIONS					

DATE: 07/07/17

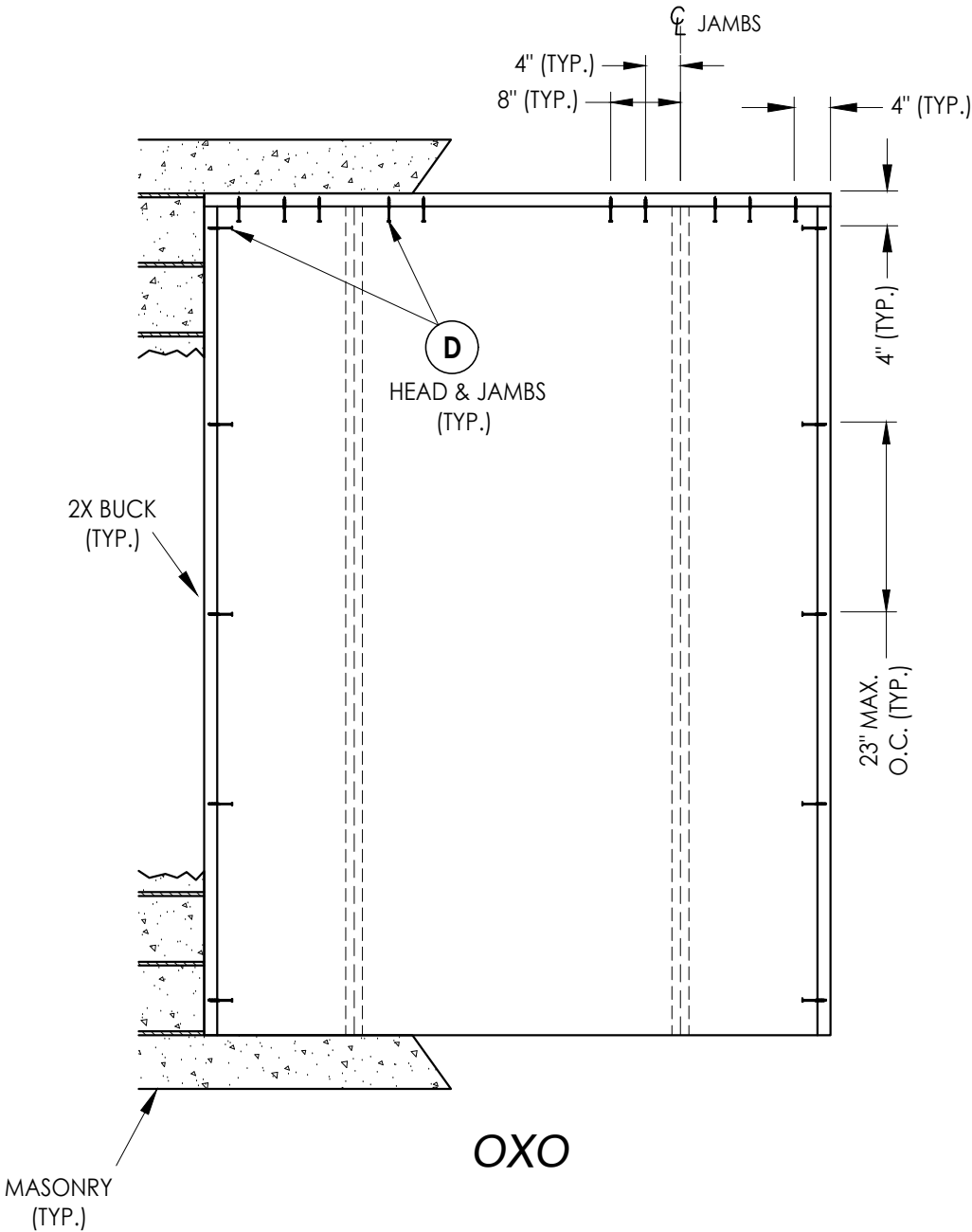
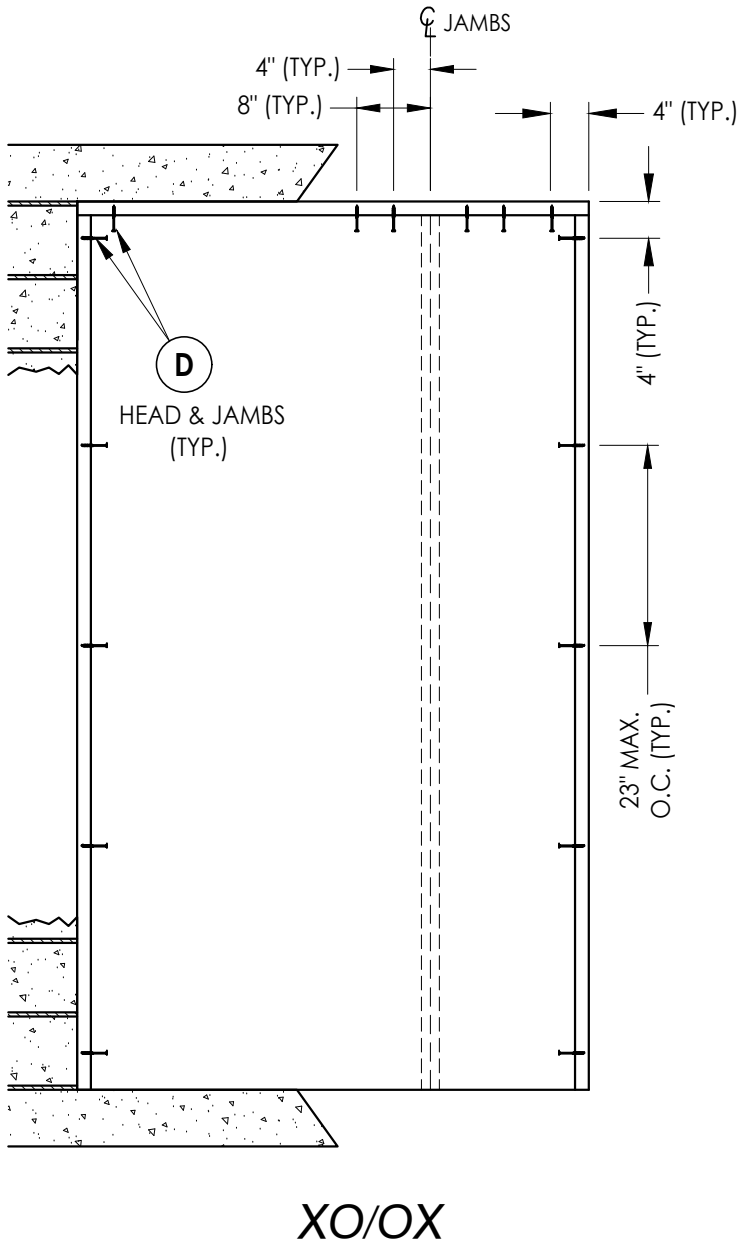
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.15

SHEET 9 OF 15



2X BUCK ANCHORING

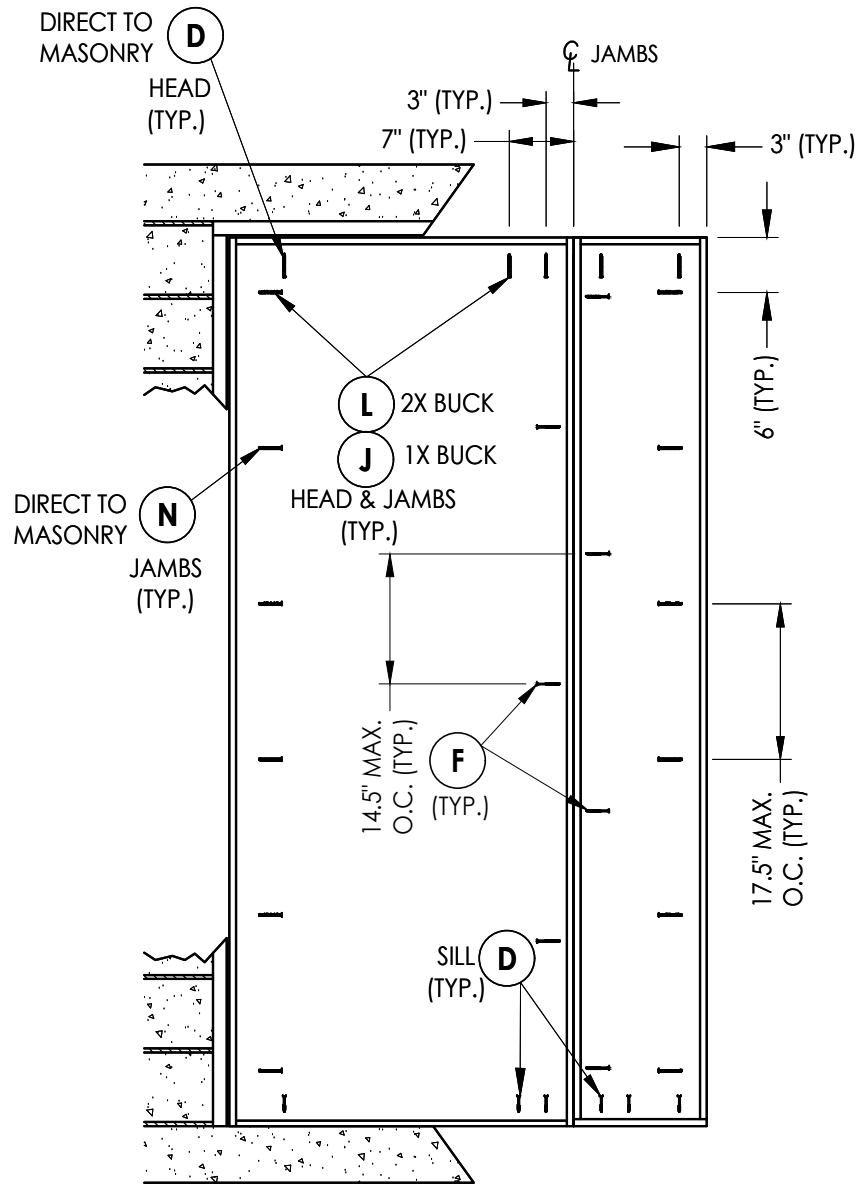
DATE: 07/07/17		REVISIONS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21133.15			
SHEET 10	OF 15		

PRODUCT:	LFS	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
	LFS	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
	PO	7/16/20	UPDATE TO 7th ED (2020)	FBC
PART OR ASSEMBLY:	MT	2	10/10/18	REV. DOOR PANEL OPTION NOTE
	JK	1	10/15/17	ADD DEADBOLT 5-1/2" O. C.
	BY			& RECESSED PANEL NOTATION

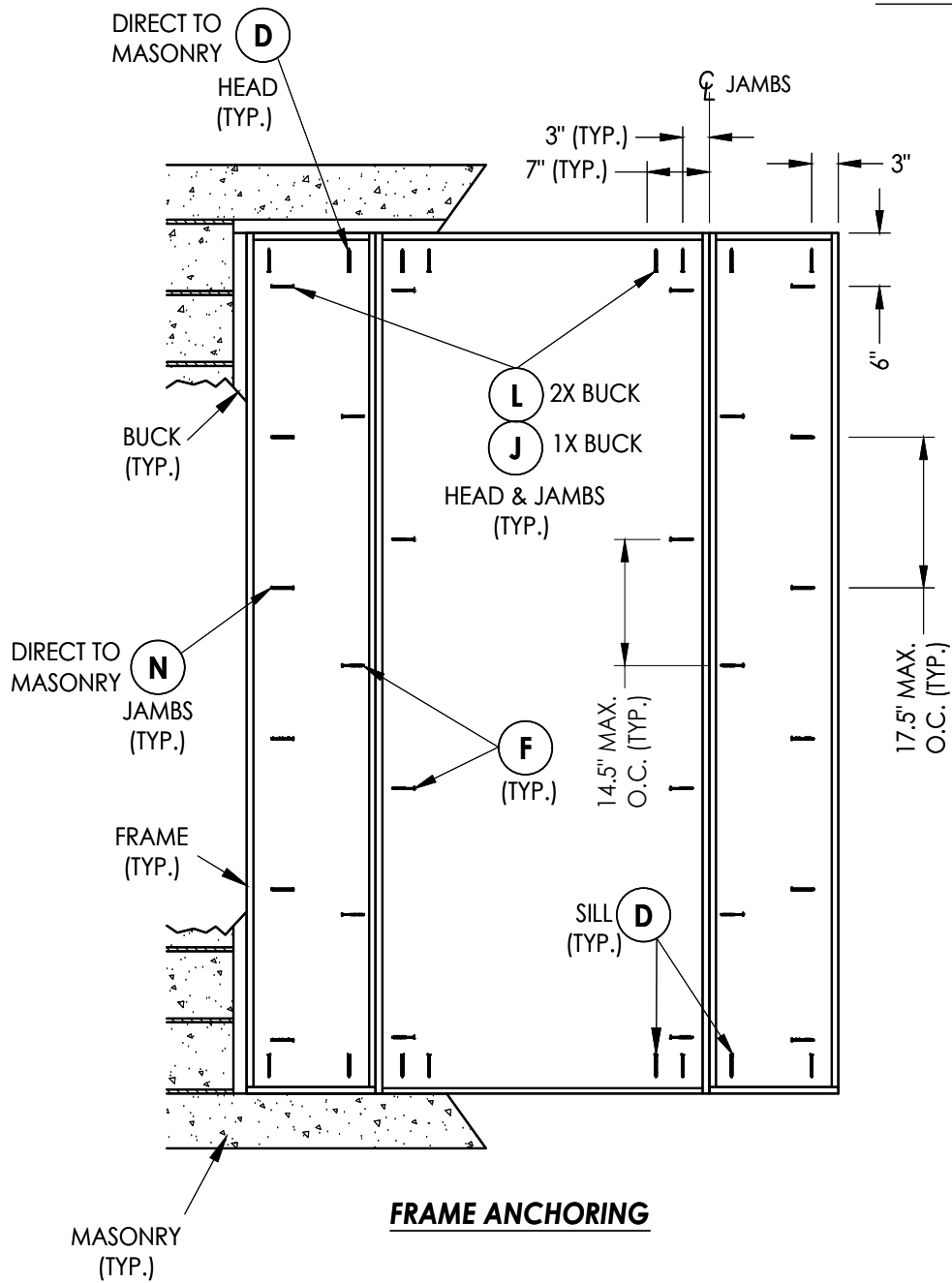
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

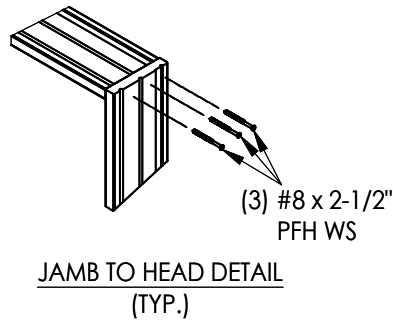
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FRAME ANCHORING



FRAME ANCHORING



FRAME ANCHORING

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	10/15/17	ADD DEADBOLT 5-1/2\" O. C. & RECESSED PANEL NOTATION
NO.	DATE	BY

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21133.15

SHEET 11 OF 15

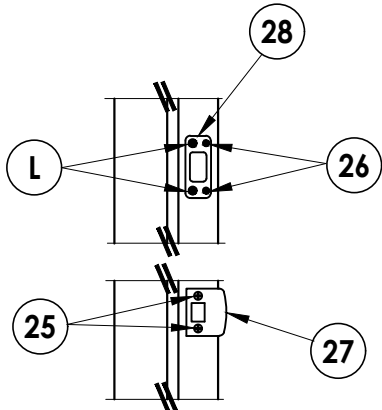
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

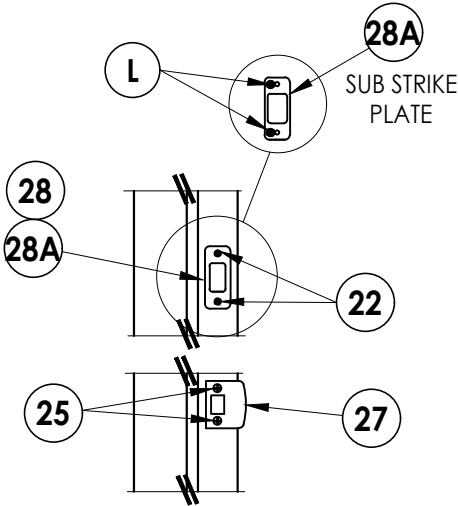
PART OR ASSEMBLY:
FRAME ANCHORING

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

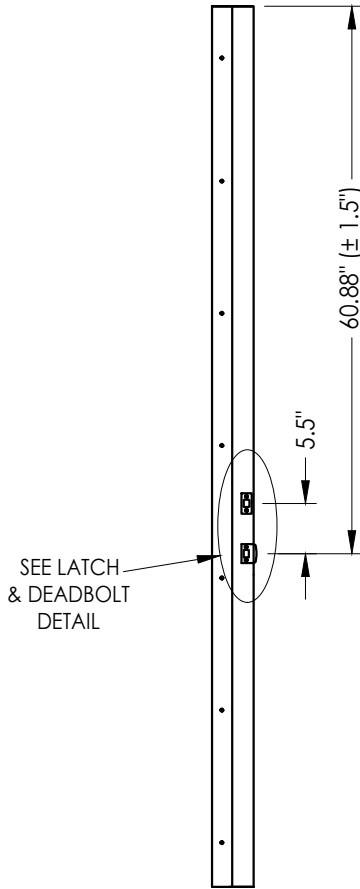
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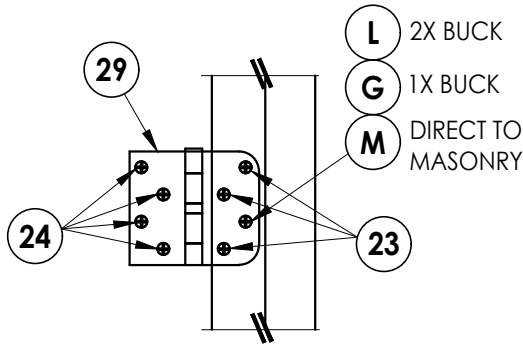
LATCH & DEADBOLT DETAIL
Kwikset



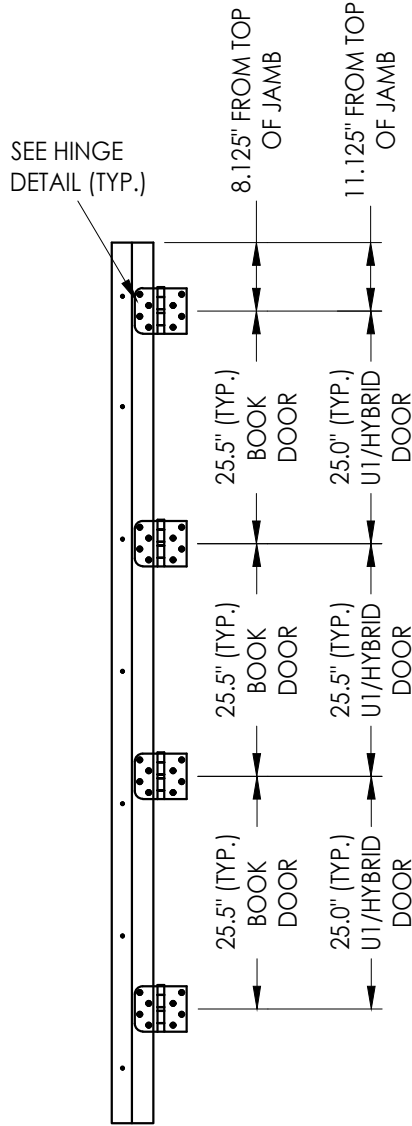
LATCH & DEADBOLT DETAIL
Schlage



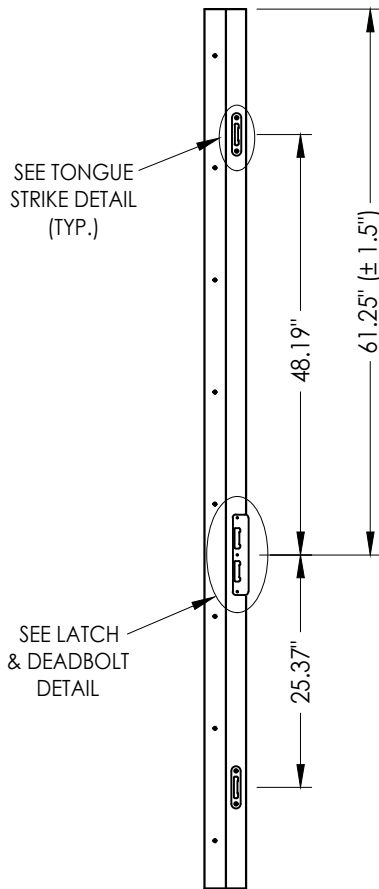
STRIKE JAMB
Latch and Deadbolt



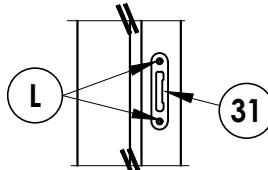
HINGE DETAIL



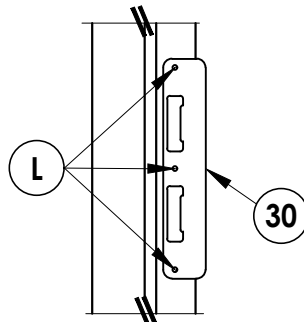
HINGE JAMB



STRIKE JAMB
Multipoint Lock



TONGUE STRIKE DETAIL
Multipoint Lock



LATCH & DEADBOLT DETAIL
Multipoint Lock

LATCH & DEADBOLT STRIKE DETAILS

MULTIPOINT LOCK STRIKE DETAILS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7th ED. (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
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NO.	DATE	BY

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.15

SHEET 12 OF 15

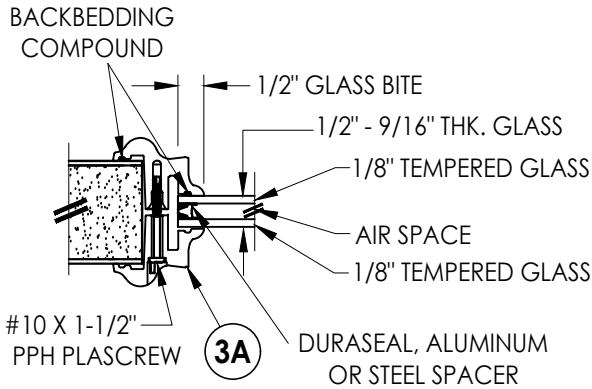
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

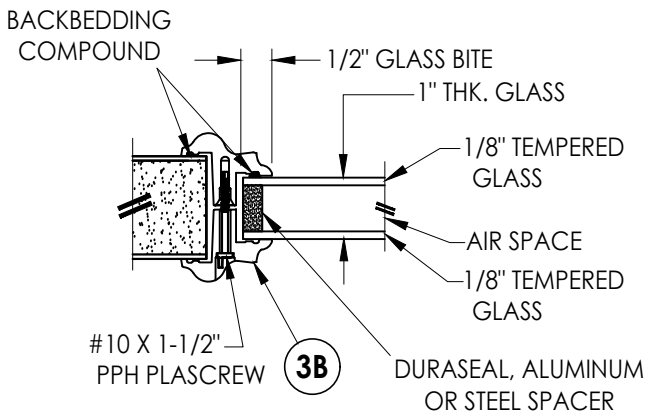
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HARDWARE DETAILS

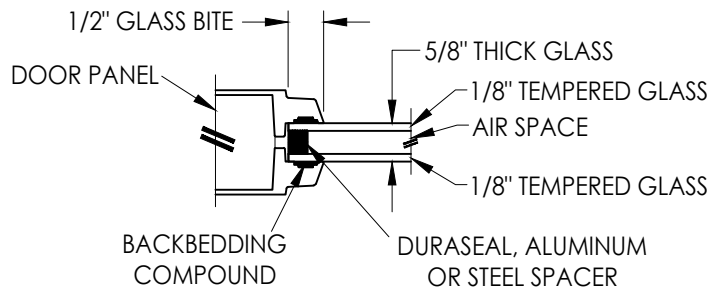
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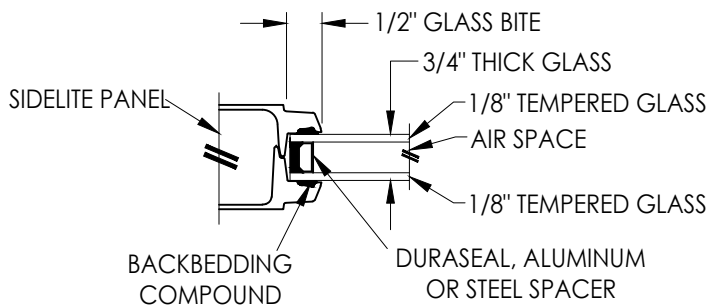
G1 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



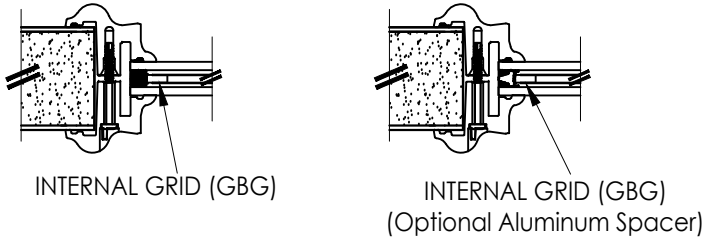
G2 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



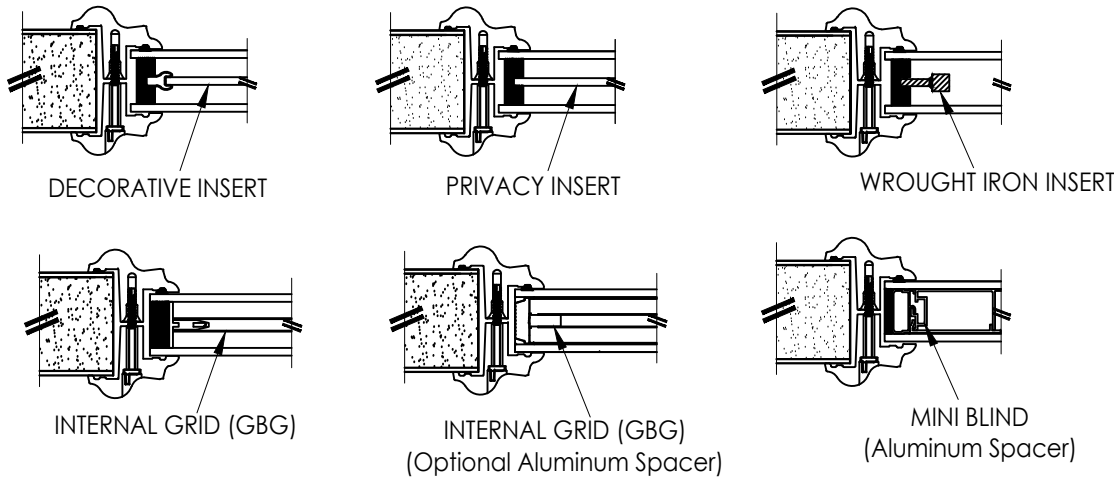
G3 GLAZING DETAIL
Flush Glazing
Door Panels



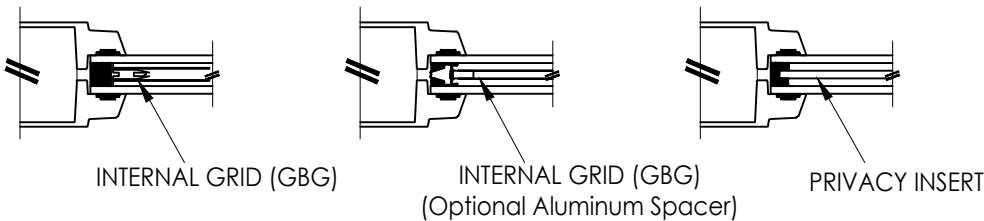
G4 GLAZING DETAIL
Flush Glazing
Sidelites



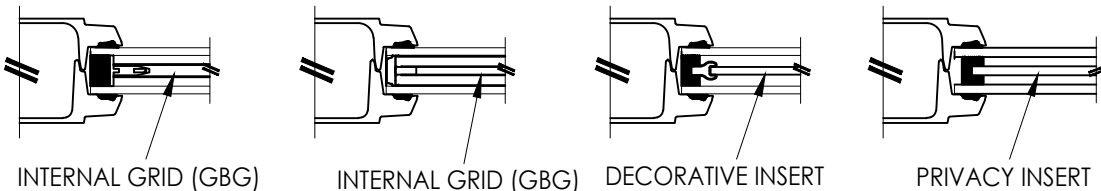
9/16" INSULATED GLASS INSERT OPTIONS



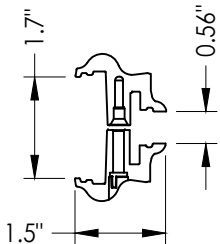
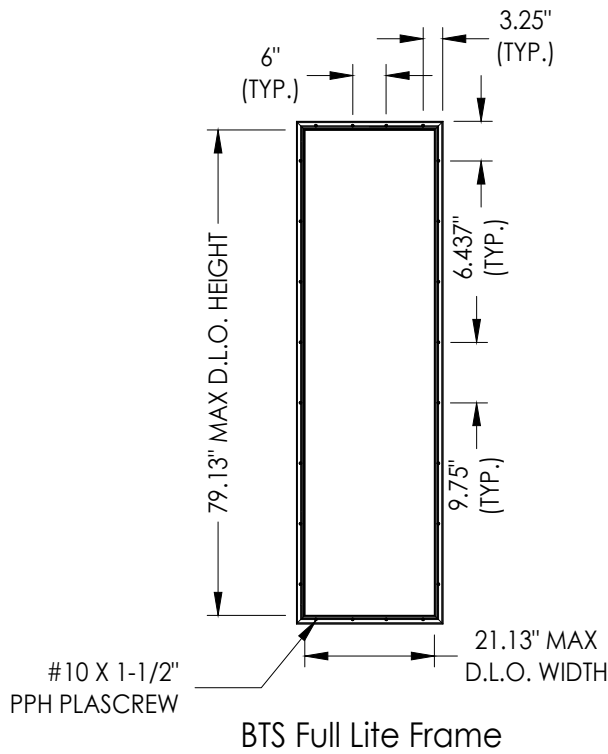
1" INSULATED GLASS INSERT OPTIONS



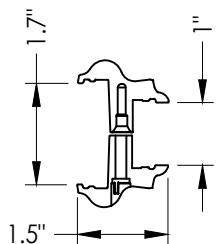
5/8" INSULATED GLASS INSERT OPTIONS



3/4" INSULATED GLASS INSERT OPTIONS



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



3B BTS LITE FRAME
1" Glazing

Documents Prepared By:
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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:
GLAZING DETAILS

LFS	FBC	UPDATE TO 9TH ED. (2026)	MT	JK	BY
5	7/02/26	UPDATE TO 9TH ED. (2026)	MT	JK	BY
4	8/23/23	UPDATE TO 8TH ED. (2023)	MT	JK	BY
3	7/16/20	UPDATE TO 7TH ED. (2020)	MT	JK	BY
2	10/10/18	REV. DOOR PANEL OPTION NOTE	MT	JK	BY
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	MT	JK	BY
NO.	DATE	REVISIONS			

DATE: 07/07/17

SCALE: N.T.S.

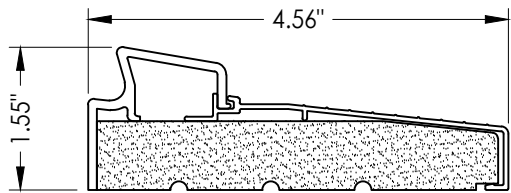
DWG. BY: JK

CHK. BY: LFS

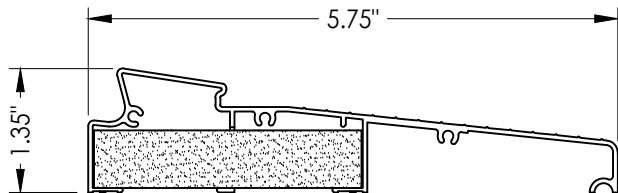
DRAWING NO.: FL-21133.15

SHEET 13 OF 15

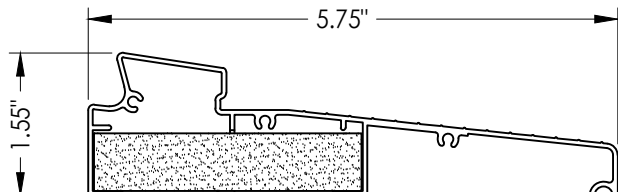
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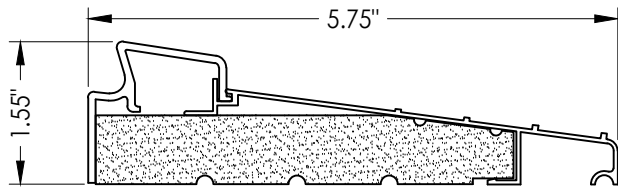
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



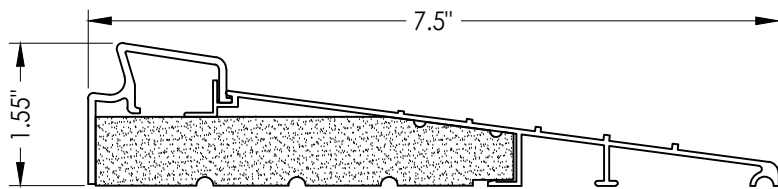
34 INSWING THRESHOLD
Inswing Moderate Climate Sil 1-3/8"



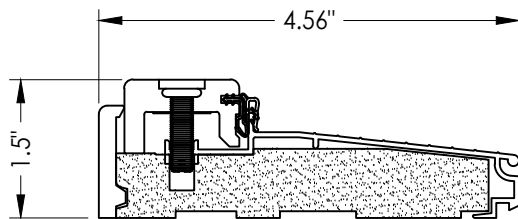
35 INSWING THRESHOLD
Inswing Moderate Climate Sil



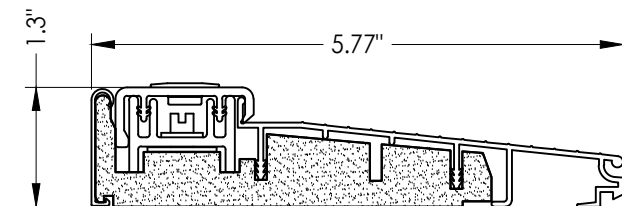
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



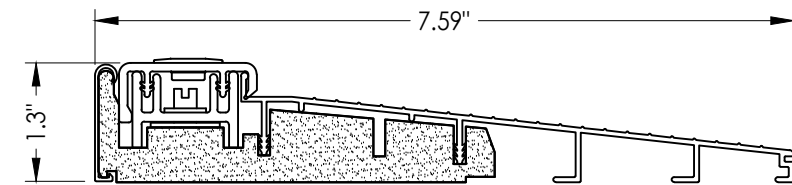
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



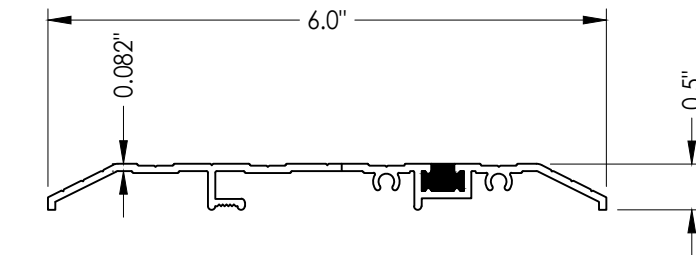
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



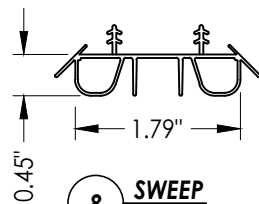
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



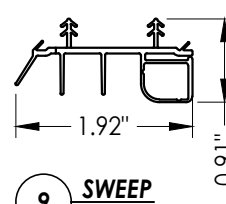
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



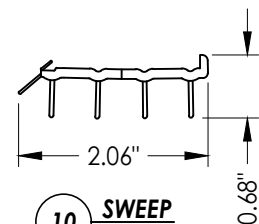
15 ADA THRESHOLD



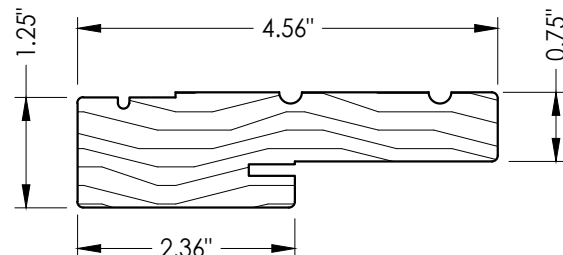
8 SWEEP



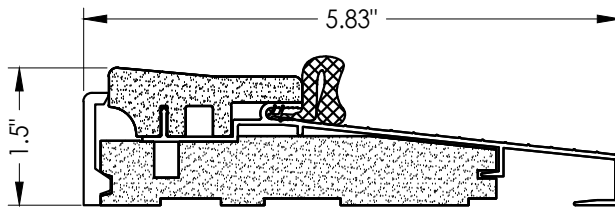
9 SWEEP



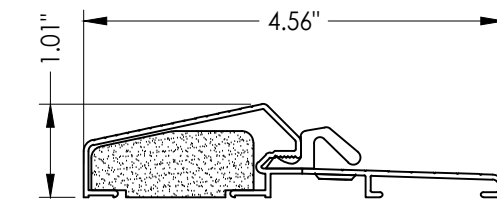
10 SWEEP



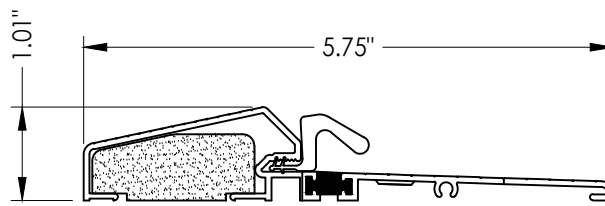
1 WOOD JAMB



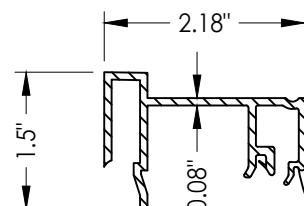
16 OUTSWING THRESHOLD
Composite Sill



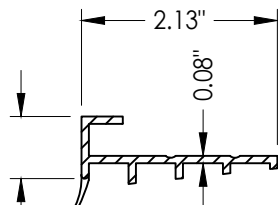
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



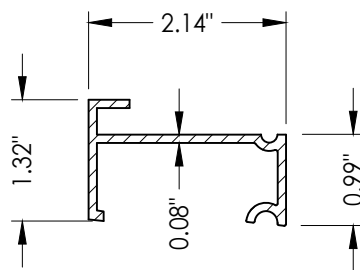
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS	BY
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/16/20	UPDATE TO 7th ED (2020) FBC	PO
2	10/10/18	REV. DOOR PANEL OPTION NOTE	MT
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	JK

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.15

SHEET 14 OF 15

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

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BILL OF MATERIALS			BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL	ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD	28B	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
B	2X BUCK (SG >= 0.42)	WOOD	29	4" X 4" HINGE	STEEL
C	1/4" MAX. SHIM SPACE	-	30	LATCH & DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	31	MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	32	INSWING THRESHOLD	ALUM/COMP
			33	INSWING THRESHOLD	ALUM/COMP
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	34	INSWING THRESHOLD	ALUM/COMP
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	35	INSWING THRESHOLD	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	36	INSWING THRESHOLD	ALUM/COMP
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	37	INSWING THRESHOLD	ALUM/COMP
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	38	INSWING THRESHOLD	ALUM/COMP
1	JAMB (FINGER JOINT PINE)	WOOD	39	INSWING THRESHOLD	ALUM/COMP
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	40	DOOR PANEL (BOOK)	-
7	WEATHERSTRIP (LONG REACH)	FOAM	41	DOOR PANEL (HYBRID)	-
8	SWEEP	VINYL	42	DOOR PANEL (U1)	-
9	SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)	VINYL	43	FLUSH GLAZED DOOR PANEL (BOOK)	-
10	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL	44	FLUSH GLAZED DOOR PANEL (HYBRID)	-
15	ADA THRESHOLD	ALUM	45	FLUSH GLAZED DOOR PANEL (U1)	-
16	OUTSWING THRESHOLD	ALUM/COMP	50	SIDELITE (FULL LITE)	-
17	OUTSWING THRESHOLD	ALUM/COMP	60	SIDELITE (FLUSH GLAZED)	-
18	OUTSWING THRESHOLD	ALUM/COMP	75	SIDELITE SPACER (INSWING)	PVC
22	#8 x 3/4" PFH WOOD SCREW	STEEL	76	SIDELITE SPACER (OUTSWING)	PVC
23	#10 x 3/4" PFH WOOD SCREW	STEEL	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC
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			

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

7/02/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

8/23/23

UPDATE TO 8TH ED. (2023)

FBC

PO

7/16/20

UPDATE TO 7th ED (2020)

FBC

MT

10/10/18

REV. DOOR PANEL OPTION NOTE

JK

10/15/17

ADD DEADBOLT 5-1/2" O. C.

BY

& RECESSED PANEL NOTATION

NO. DATE

REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.15

SHEET 15 OF 15

BUILDING CONSULTANTS, INC.
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