

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



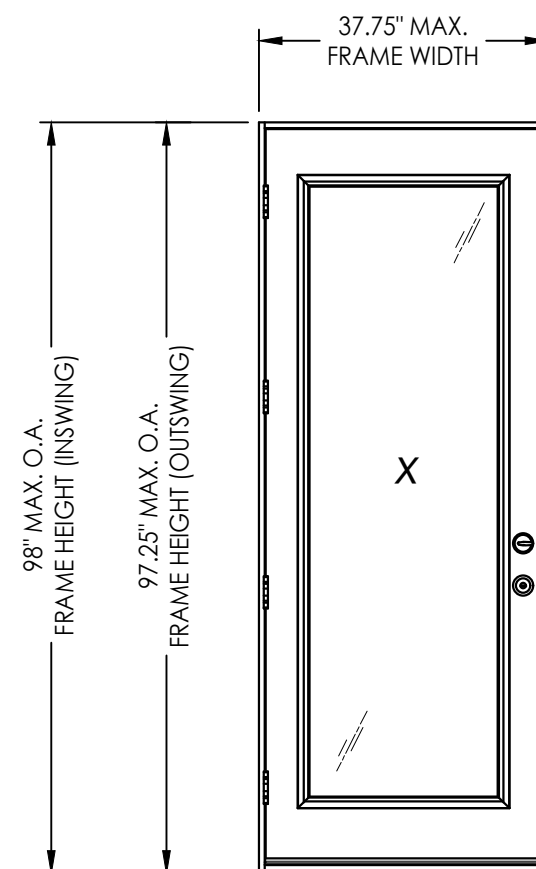
Fiber-Classic® & Smooth-Star®

WOOD EDGE GLAZED FIBERGLASS SINGLE DOOR INSWING/OUTSWING "NON-IMPACT"

GENERAL NOTES

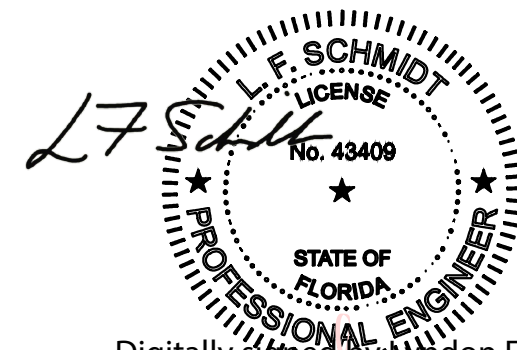
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 panels require the use of "J" part numbers and must be stained or painted within six months of installation.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Door Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Buck & Frame Anchoring
10	Hardware Details
11	Glazing details
12	Components
13	Components & Bill of Materials



CONFIGURATION	LITE INSERT	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	Lip Lite	Latch & Deadbolt	+47.0	-47.0	+47.0	+47.0
X		Multipoint	+47.0	-47.0	+47.0	-47.0
X	Flush Glazed	Latch & Deadbolt	+47.0	-47.0	+47.0	-47.0
X		Multipoint	+50.0	-50.0	+60.0	-60.0
X	3/4 Flush Glazed	Latch & Deadbolt	+45.0	-60.0	+45.0	+45.0
X		Multipoint	+60.0	-65.0	+60.0	-60.0

See Sheet 4 for Hardware Specifications



Digitally signed by Lyndon F Schmidt
Date: 2026.08.06 14:52:55 -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

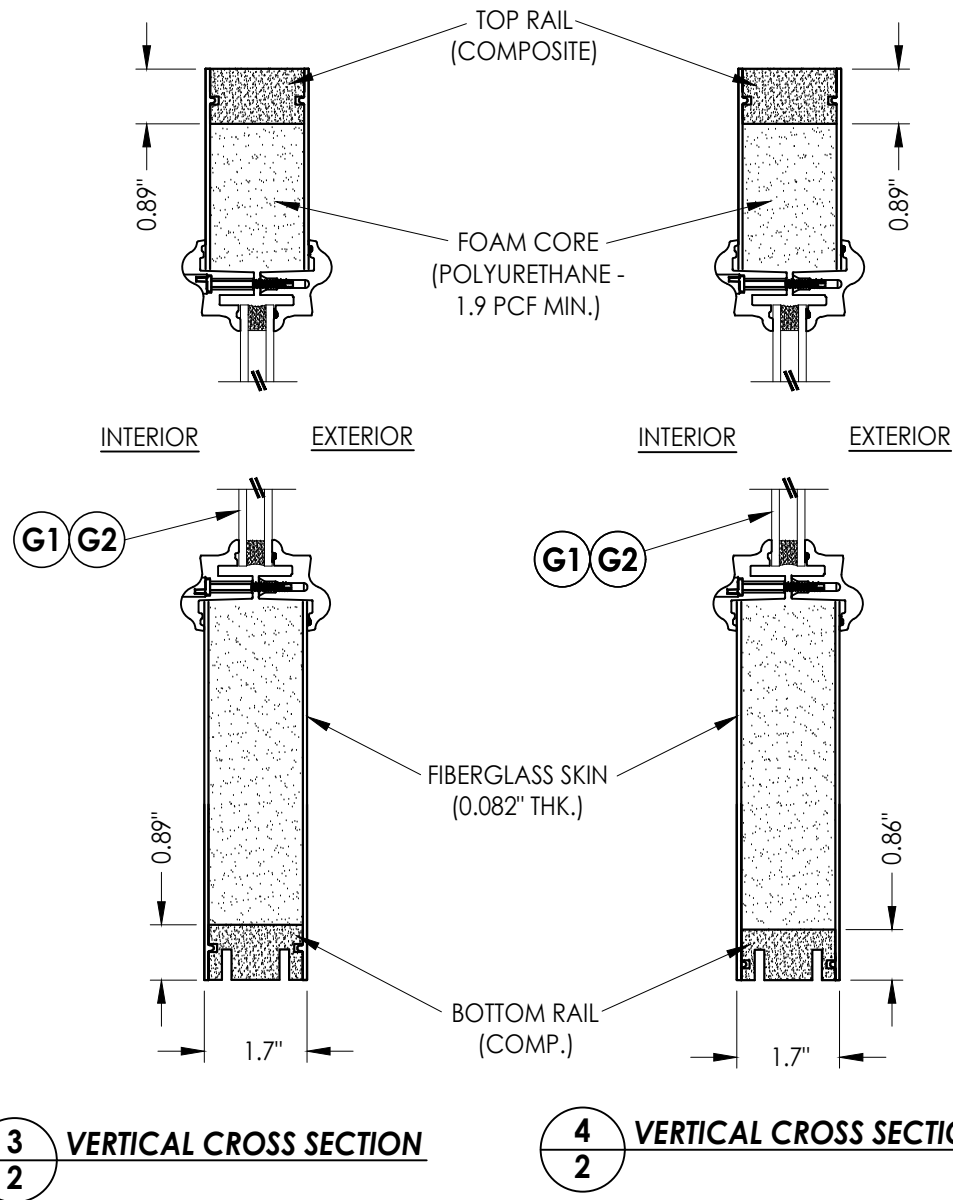
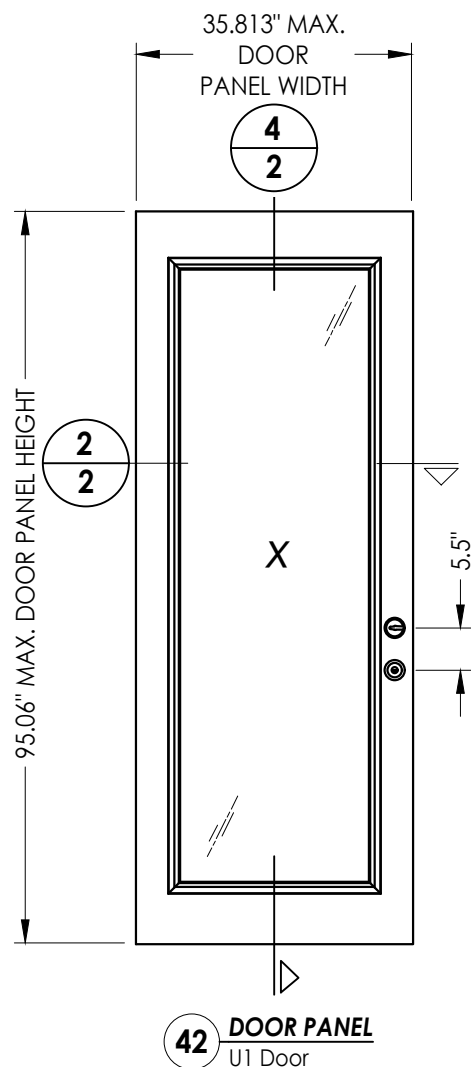
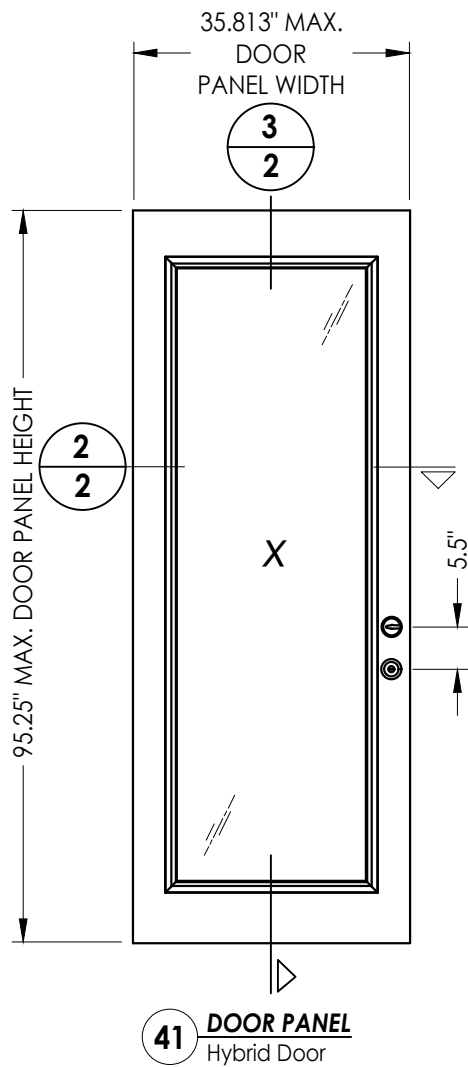
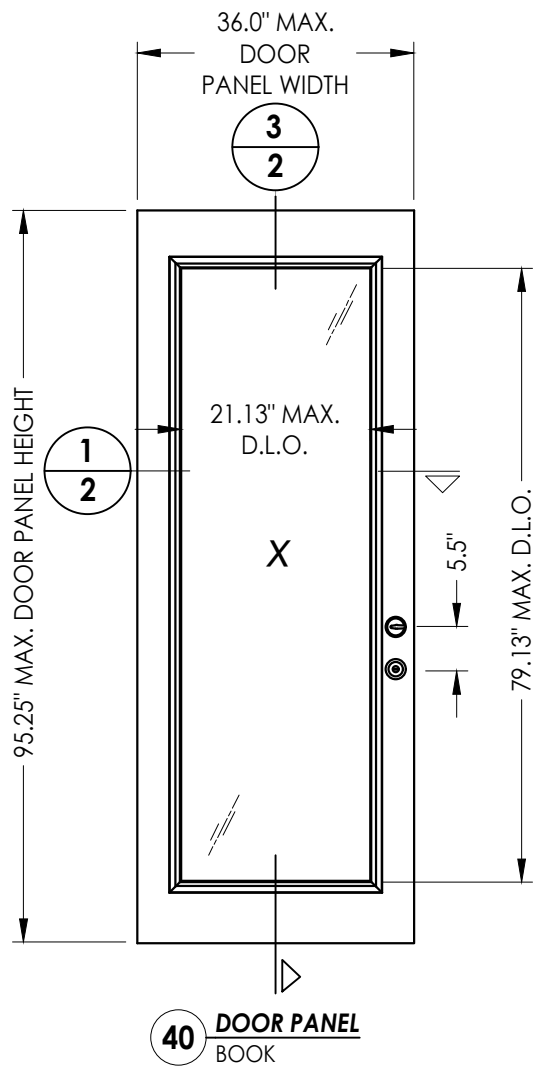
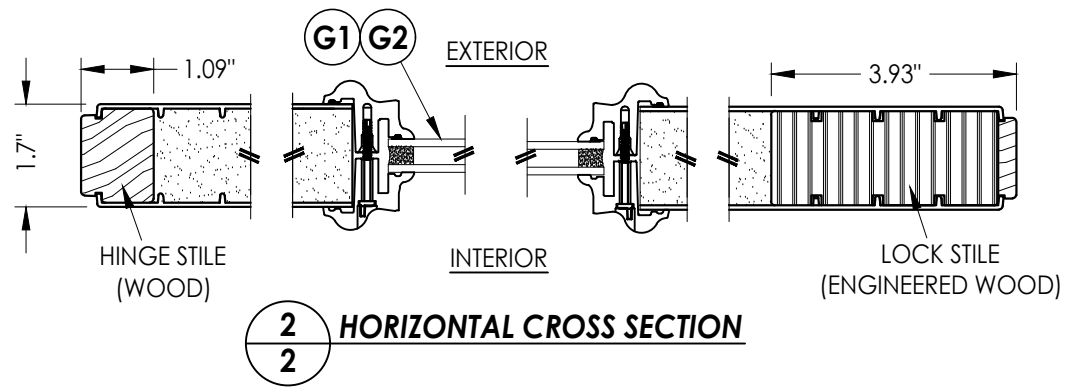
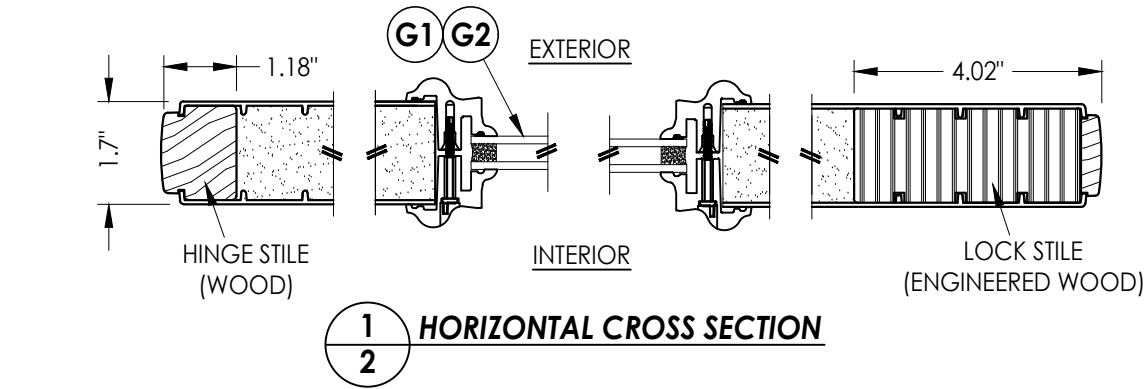
BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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
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	REVISIONS			

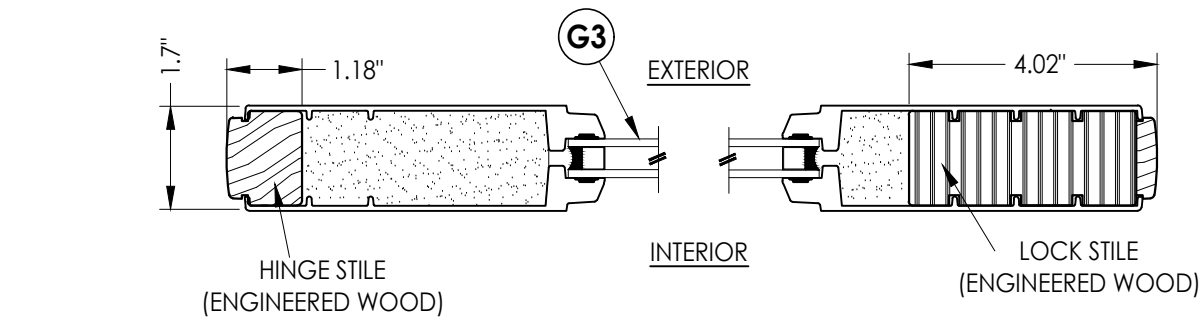
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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.14
SHEET 1 OF 13

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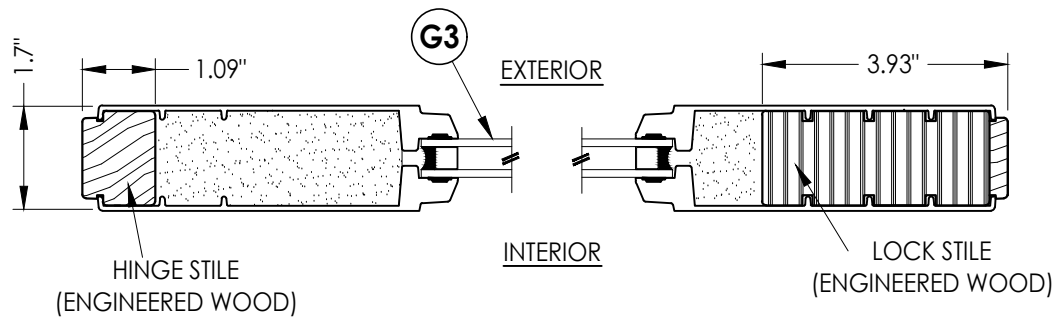


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: DOOR PANEL DETAILS			
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS		
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-21133.14							
SHEET 2 of 13							

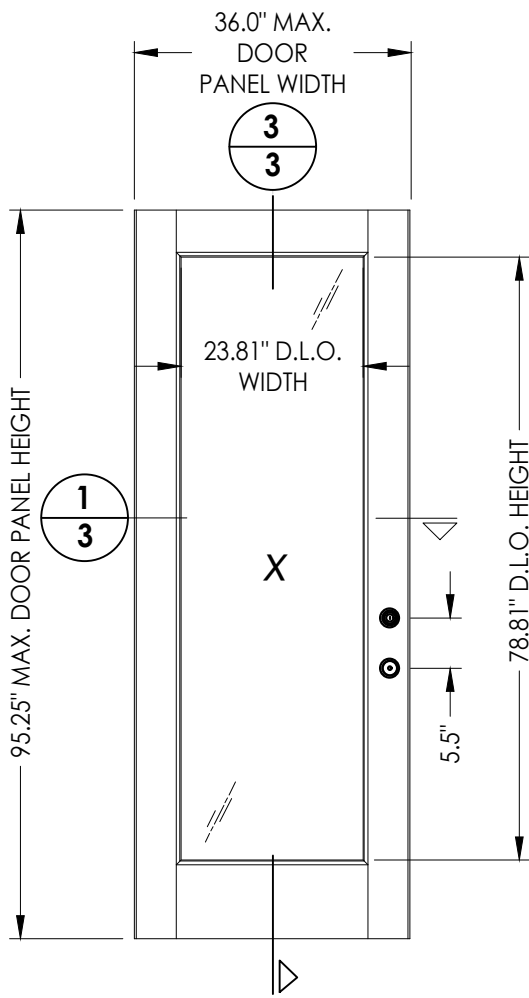
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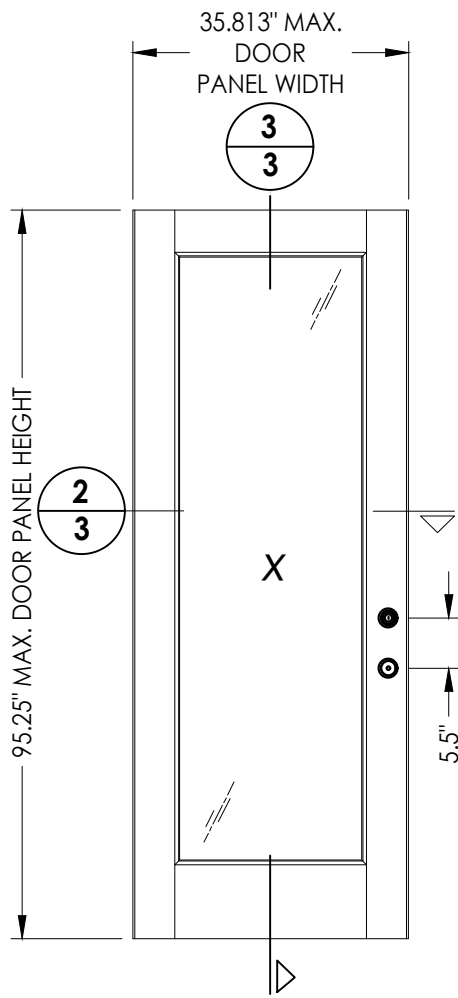
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3 HORIZONTAL CROSS SECTION



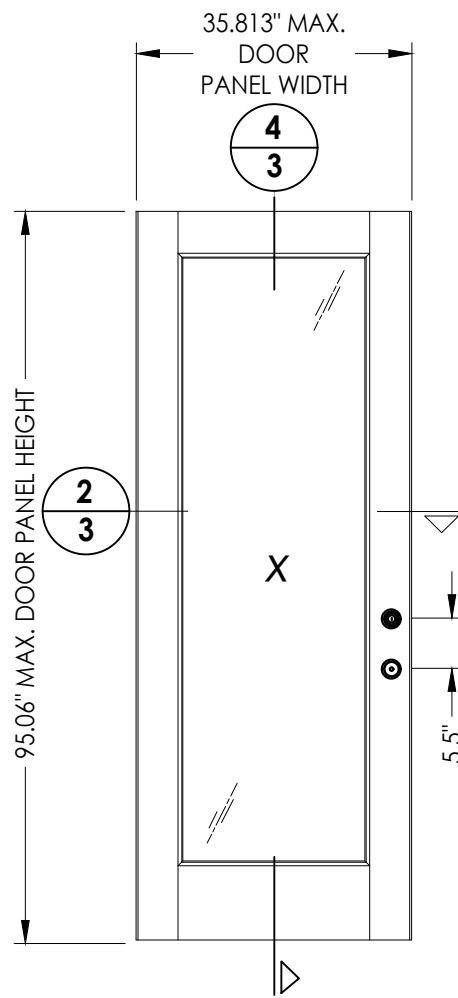
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3 HORIZONTAL CROSS SECTION



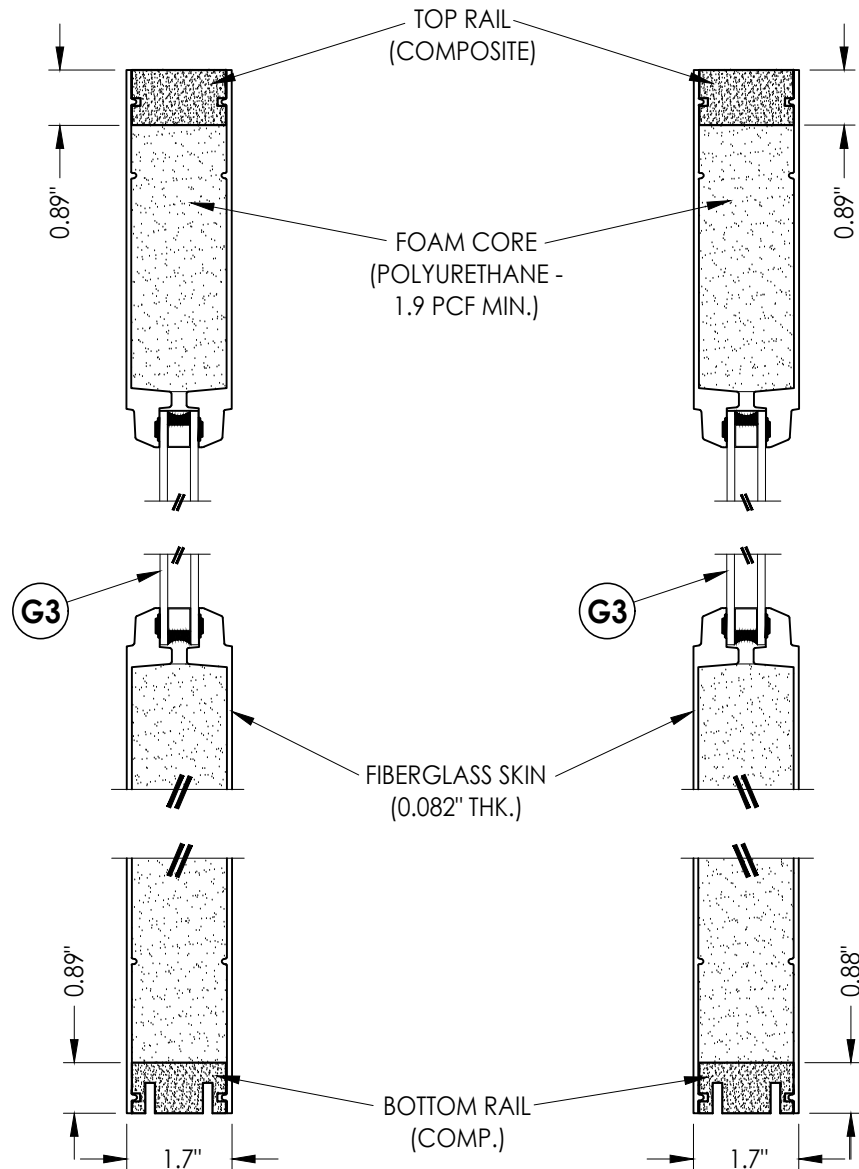
43 DOOR PANEL
BOOK



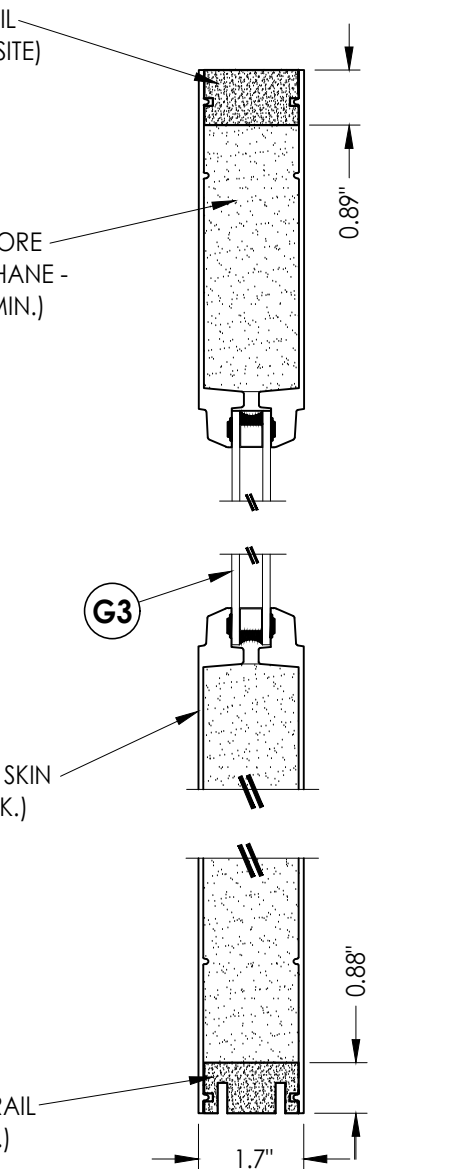
44 DOOR PANEL
Hybrid Door



45 DOOR PANEL
U1 Door



3
3 VERTICAL CROSS SECTION



4
3 VERTICAL CROSS SECTION

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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:
DOOR PANEL 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
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION

DATE: 07/07/17

SCALE: N.T.S.

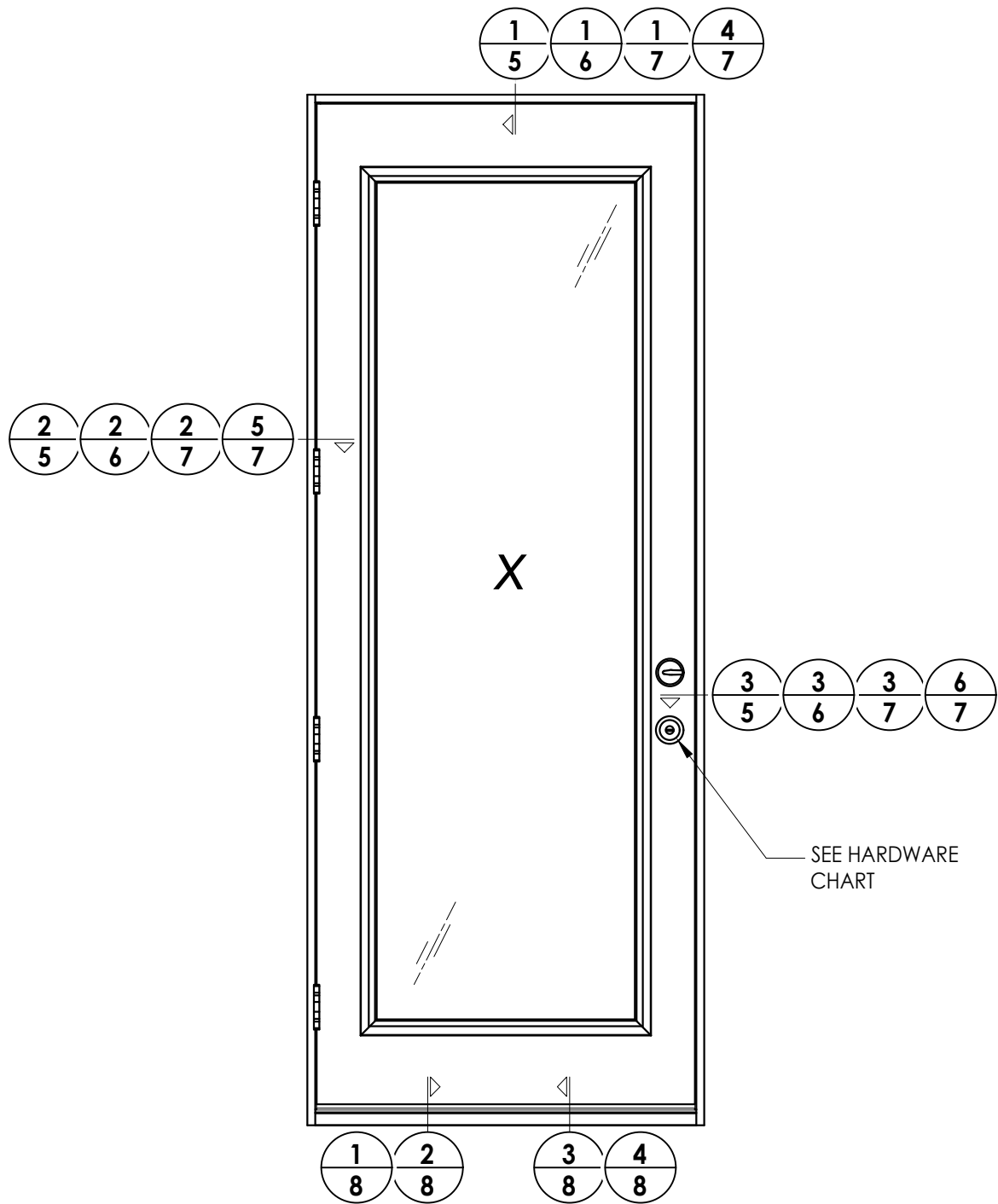
DWG. BY: JK

CHK. BY: LFS

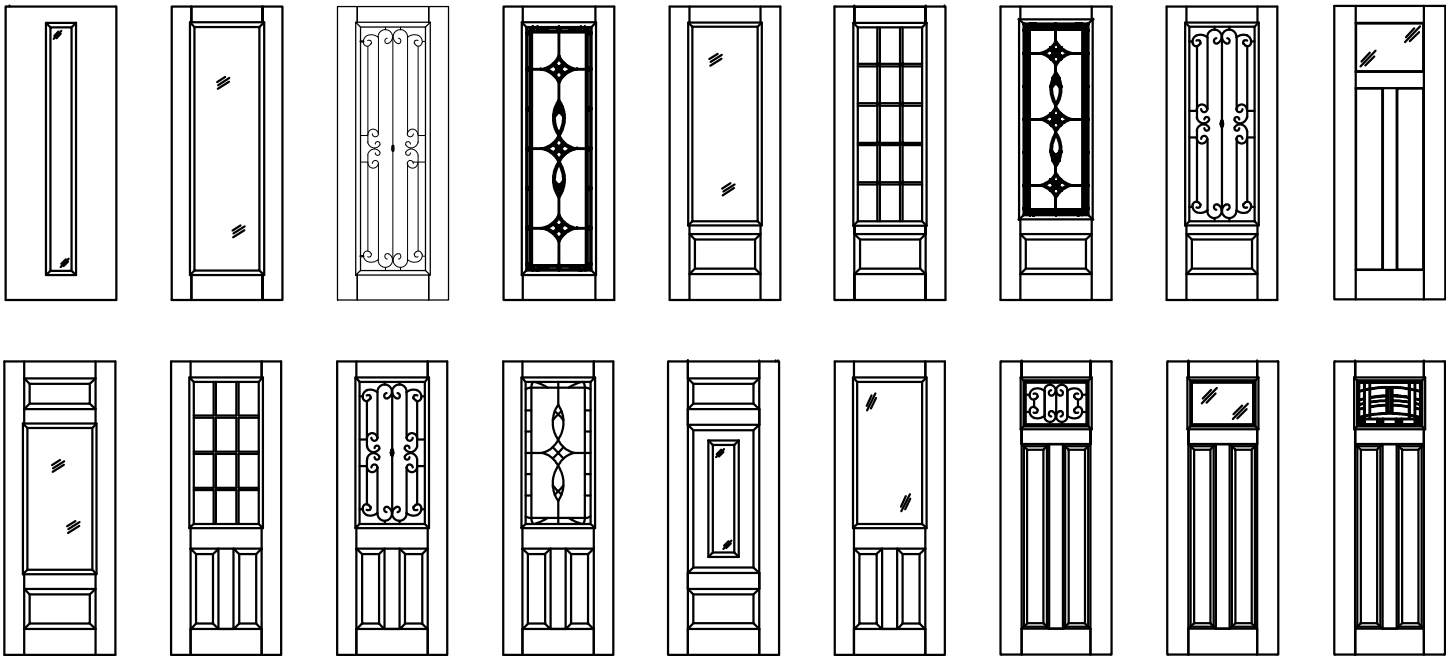
DRAWING NO.: FL-21133.14

SHEET 3 OF 13

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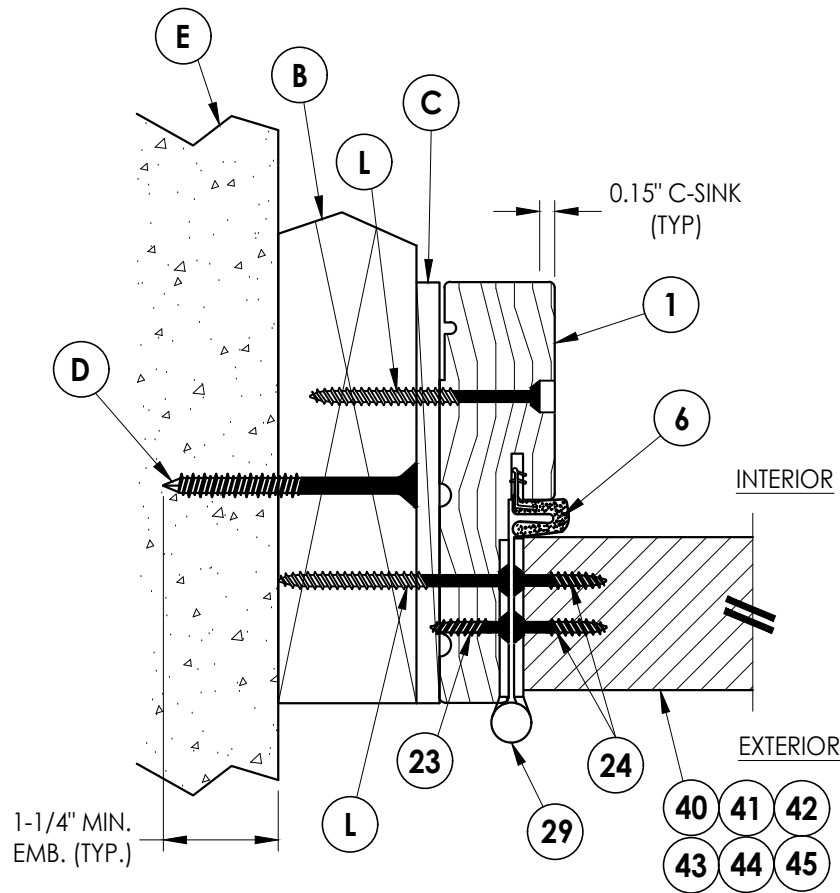
HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
HOPPE (THERMA TRU)	MULTIPOINT :	MPDGART (3 pt. Manual Tongue)



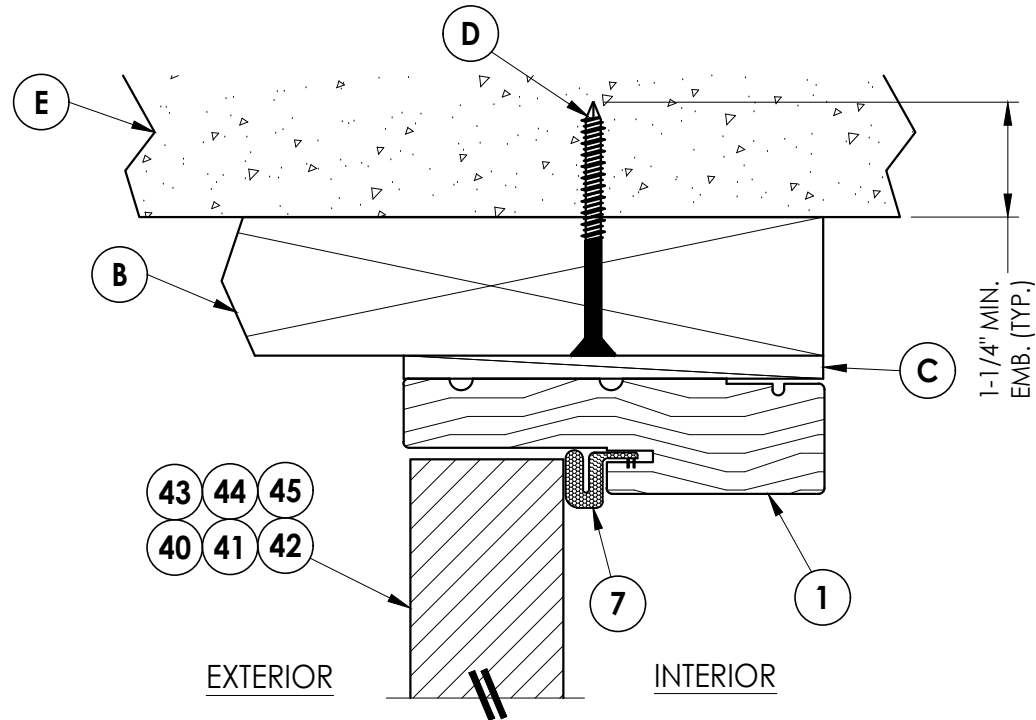
Fiber-Classic/Smooth-Star Door Panel Options
Products approved include all embossed and recessed panel doors.
Similar glazed panel configurations are allowed.
Panels shown are for illustration and are representative only.

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THERMA-TRU FIBERGLASS DOOR					PART OR ASSEMBLY: ELEVATIONS				
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/16/20	UPDATE TO 7TH ED. (2020)	FBC	PO	3	7/16/20	UPDATE TO 7TH ED. (2020)	FBC	PO
2	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT	2	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.	JK	JK	1	10/15/17	ADD DEADBOLT 5-1/2" O. C.	JK	JK
NO.		DATE		REVISIONS		NO.		DATE	
DATE: 07/07/17		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS		DRAWING NO.: FL-21133.14	
SHEET 4		OF 13		© 2017 R.W. BUILDING CONSULTANTS INC.					

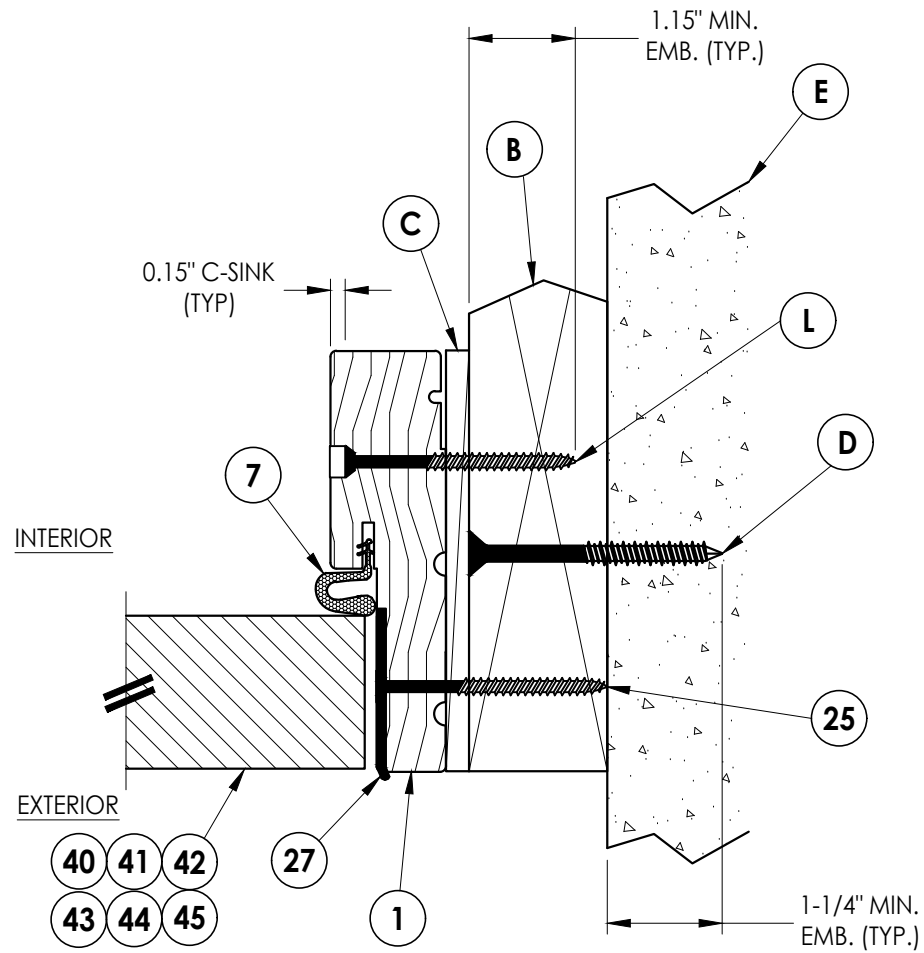
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2 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



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



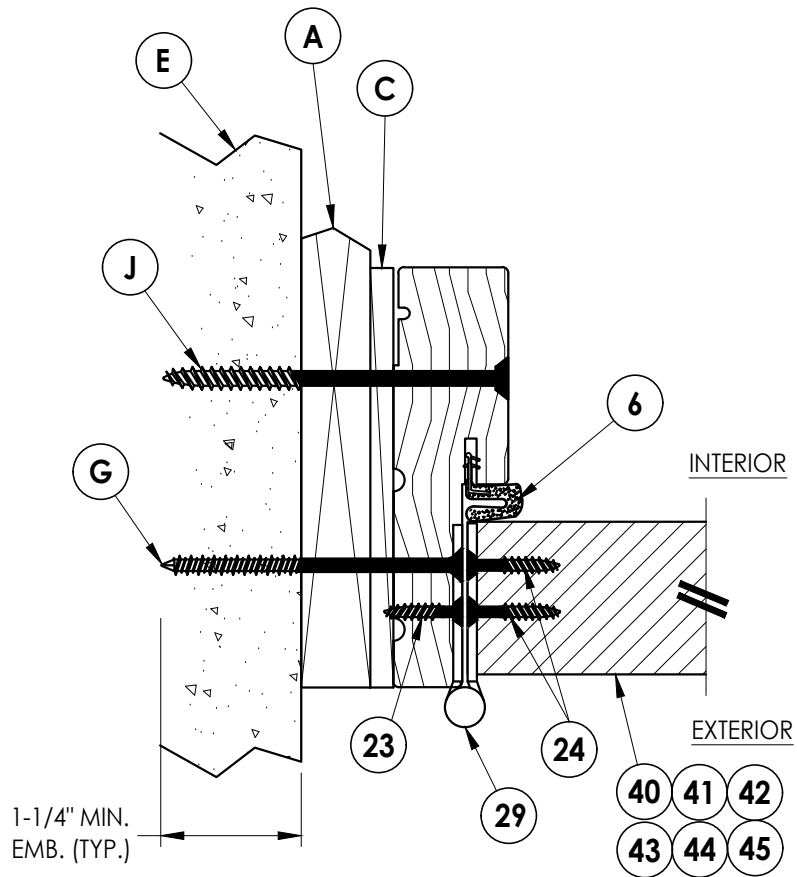
3 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)

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

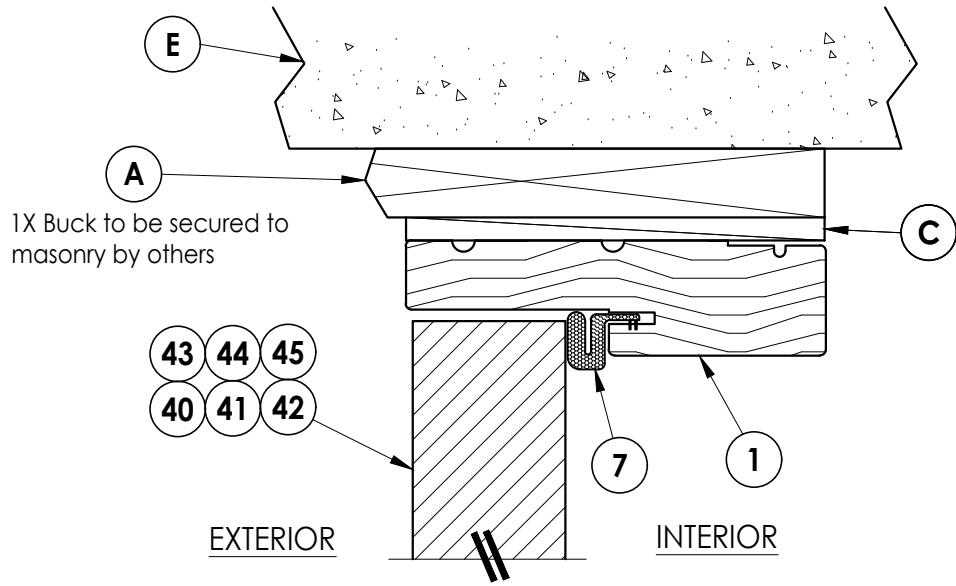
PRODUCT:		Therma-Tru FIBERGLASS DOOR
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409
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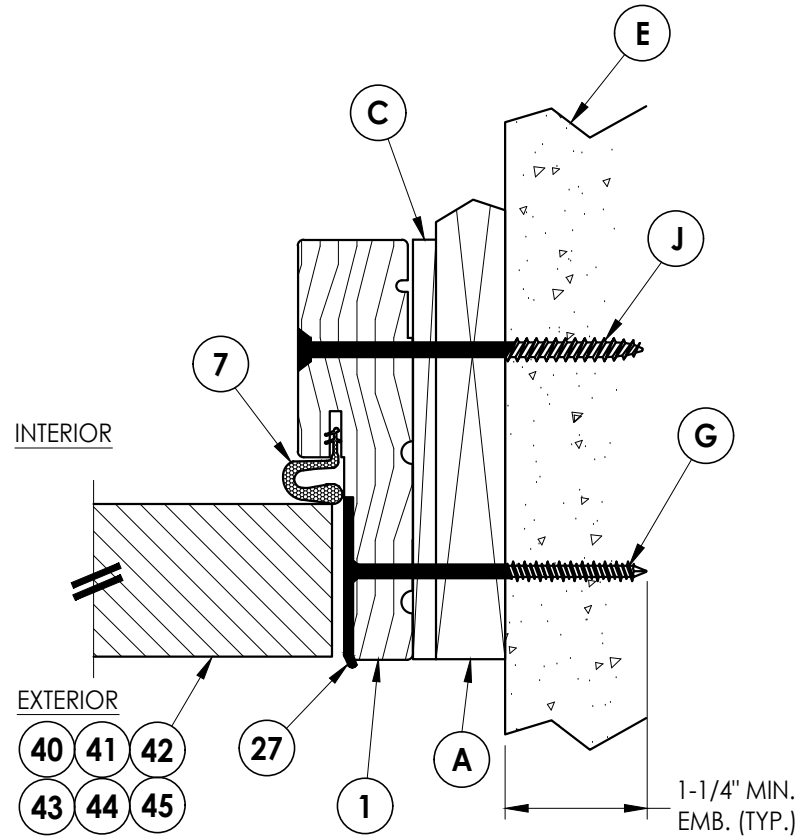
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2 HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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

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	O. C.	JK
NO.	DATE	REVISIONS		

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.14

SHEET 6 OF 13

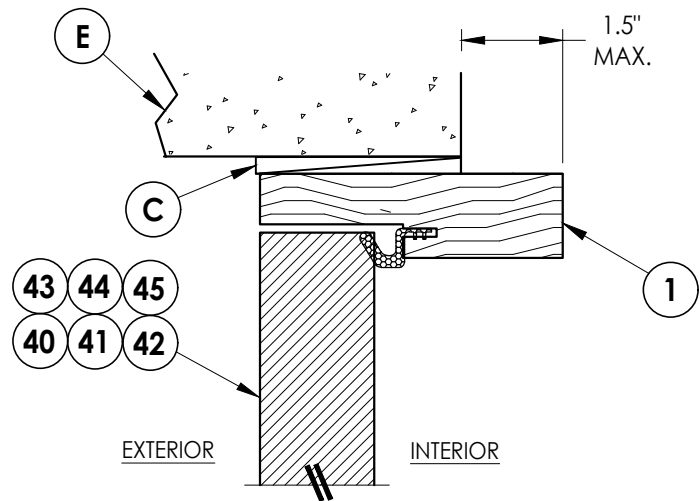
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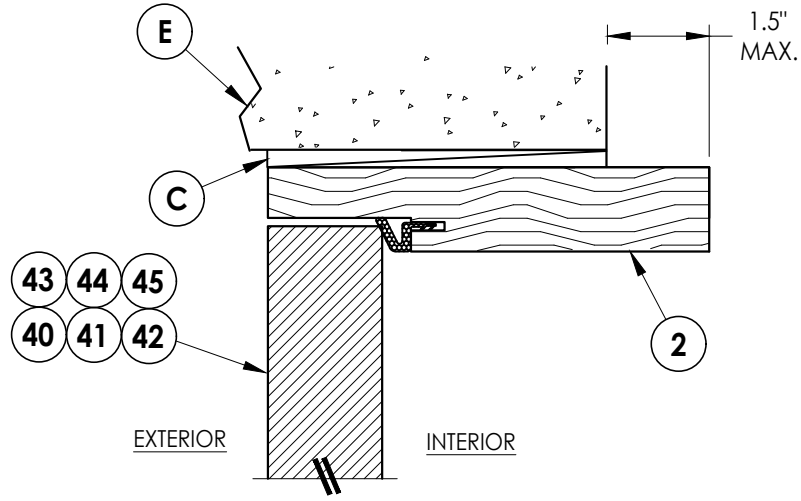
PRODUCT: THERMA-TRU
FIBERGLASS DOOR

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

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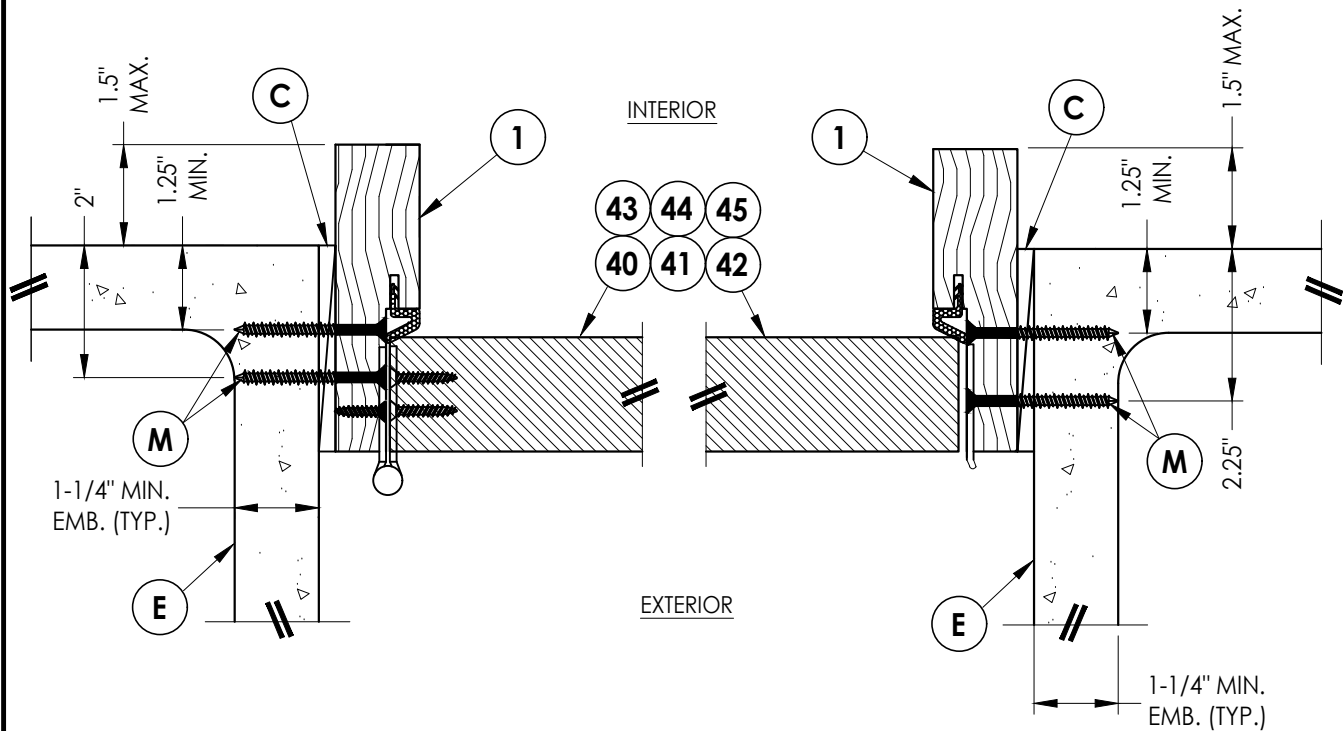


1
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

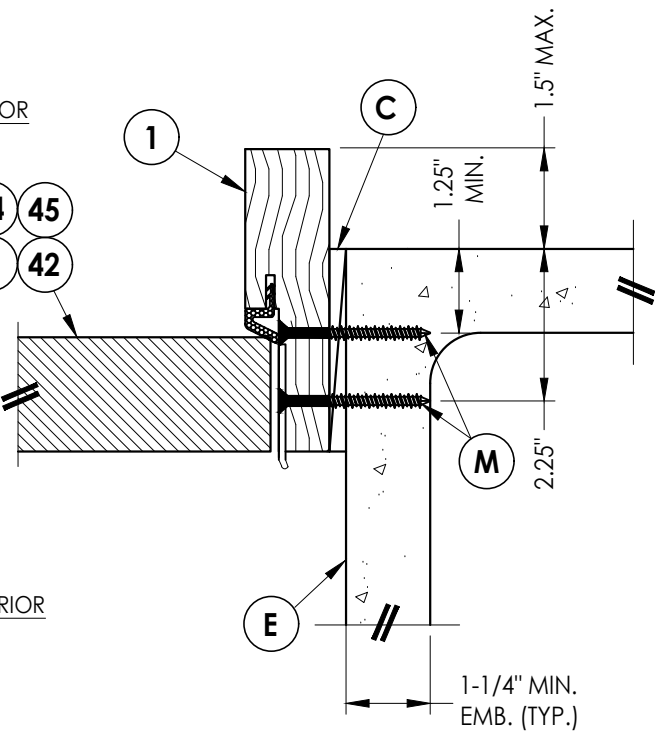


4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

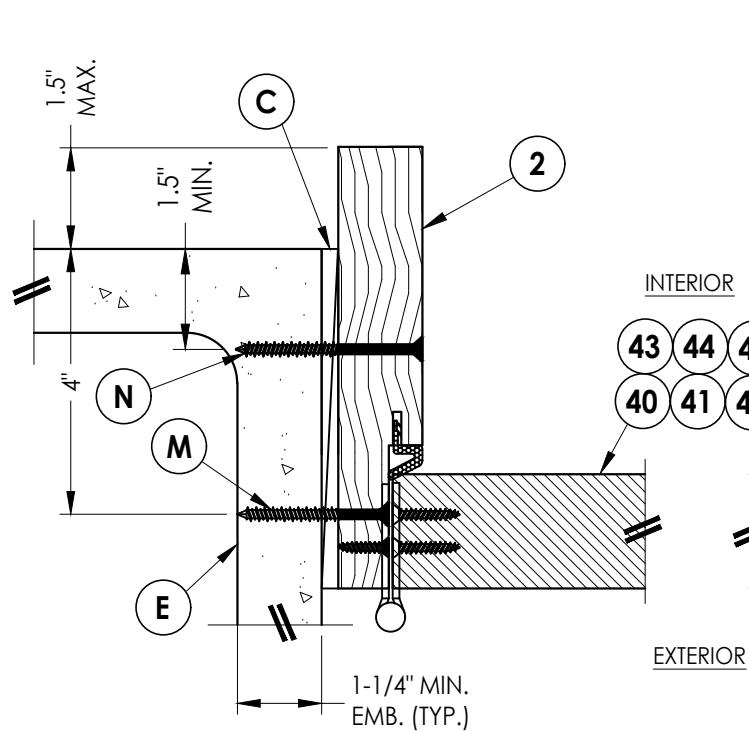
DIRECT TO MASONRY MAX. DESIGN PRESSURE:
w/ STANDARD STRIKE = ± 47 PSF
w/ SECURITY STRIKE = ± 55 PSF



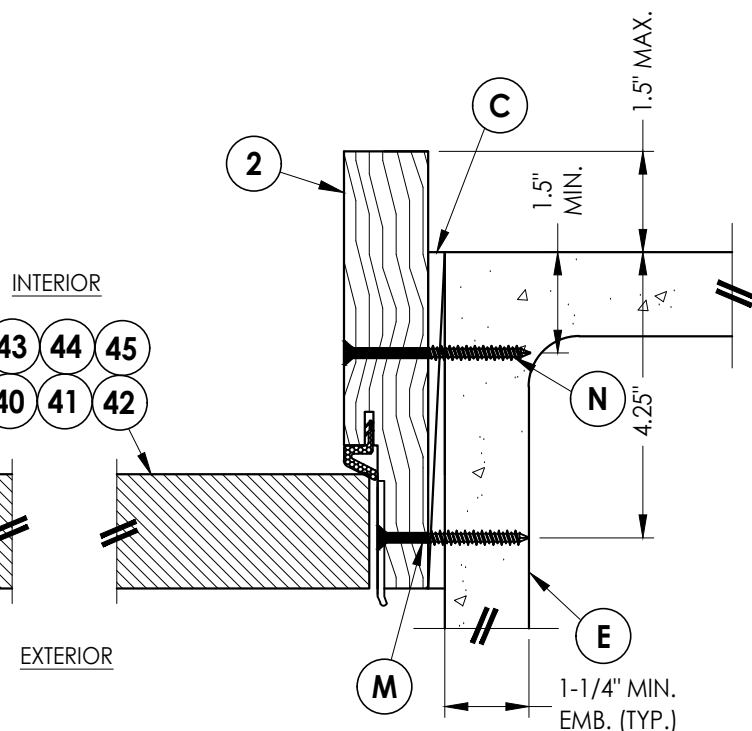
2
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



3
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



5
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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

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
SECTIONS (DIRECT TO MASONRY)

LFS	FBC	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026)	
4	8/23/23	UPDATE TO 8TH ED. (2023)	
3	7/16/20	UPDATE TO 7TH ED. (2020)	
2	10/10/18	REV. DOOR PANEL OPTION	
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.

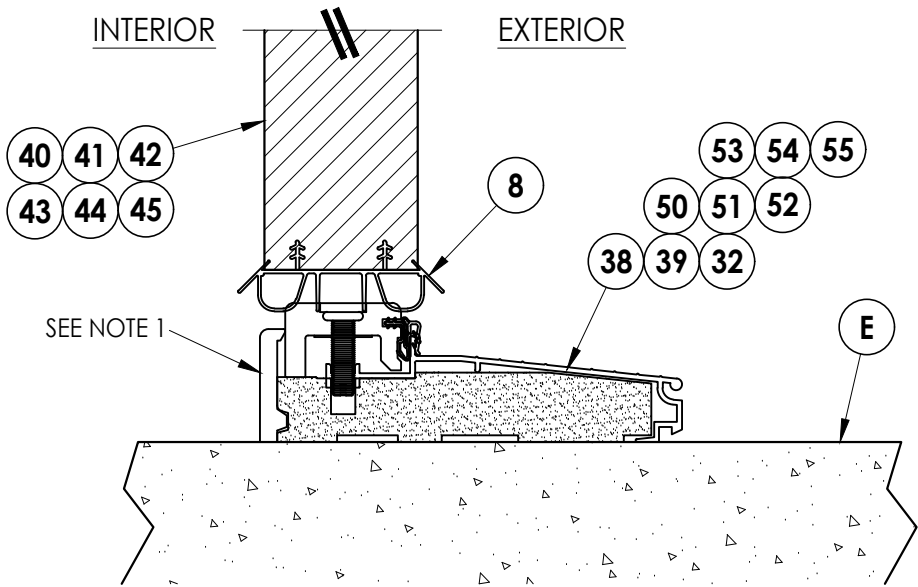
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CHK. BY: LFS

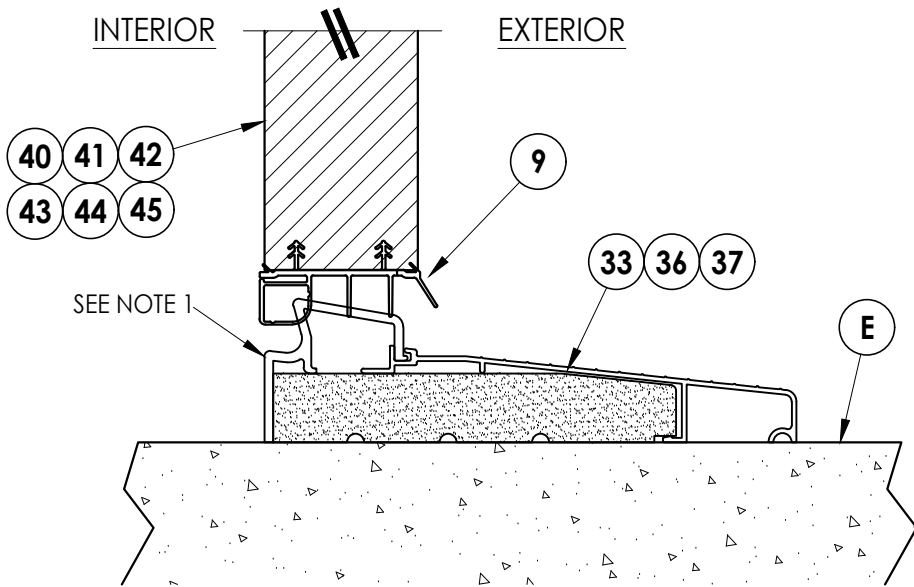
DRAWING NO.: FL-21133.14

SHEET 7 OF 13

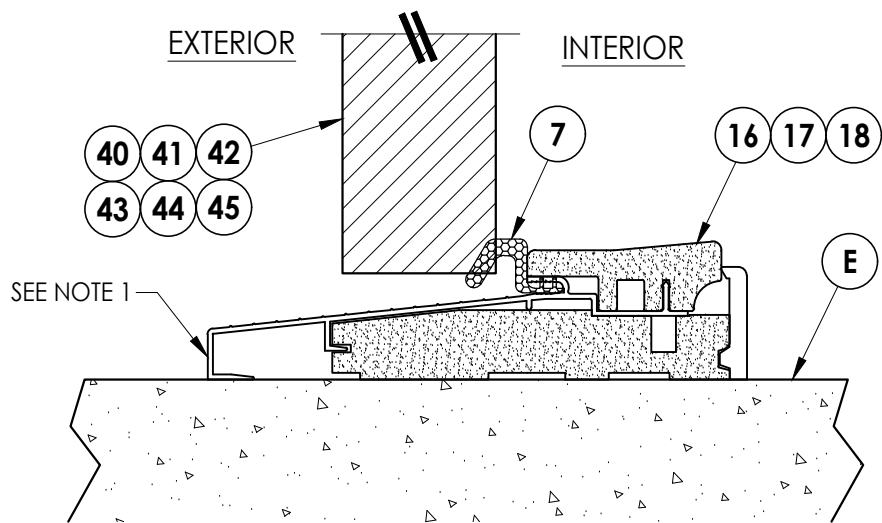
- Notes:
- Sill Item #'s 16, 32, 33, 36, 37, 38, 39, 50, 51, 52, 53, 54 & 55 are attached to jambs w/ (3) #8 X 2-1/2" pph screws or (3) 2.5" staples at each end.
 - Sill Item #'s 17 & 18 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
 - Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS screws at each end.



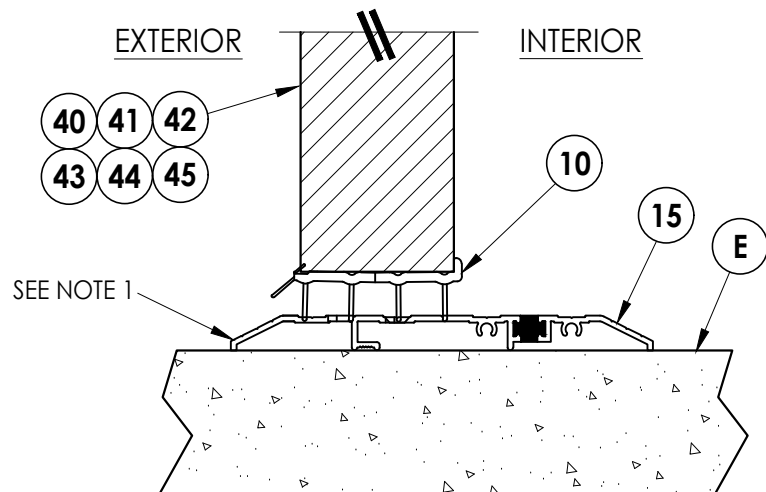
1 **VERTICAL CROSS SECTION**
8 Inswing Sill



2 **VERTICAL CROSS SECTION**
8 Inswing Sill



3 **VERTICAL CROSS SECTION**
8 Outswing Sill



4 **VERTICAL CROSS SECTION**
8 Public Access Sill

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

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P.O. Box 230, Vairico, 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
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

DATE: 07/07/17

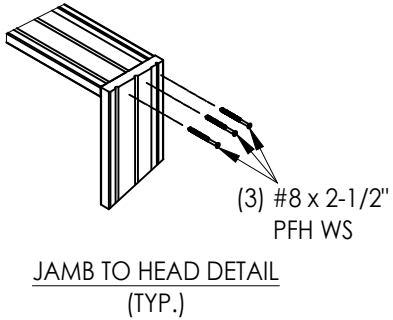
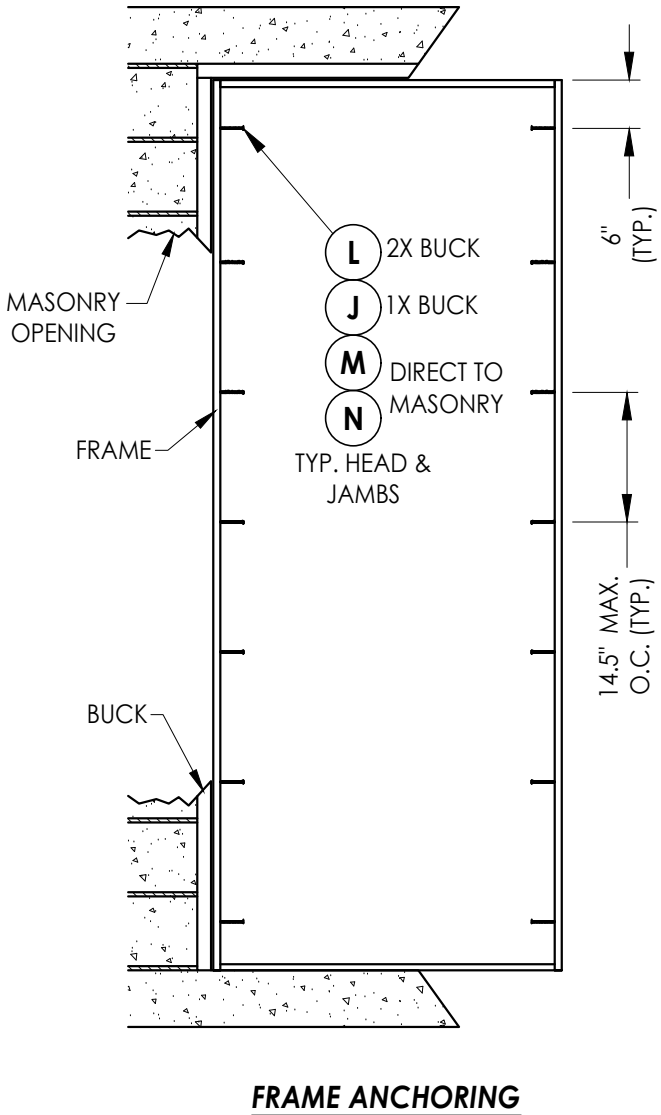
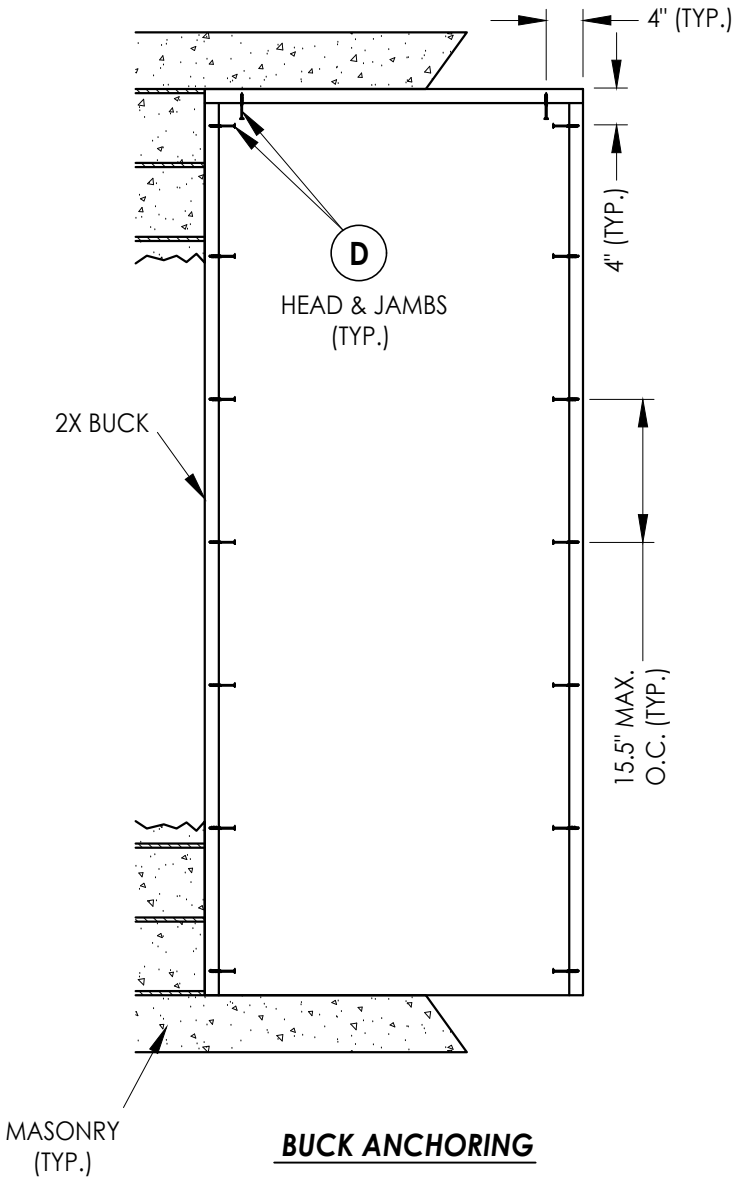
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.14

SHEET 8 OF 13



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	
	NO.	DATE		BY
REVISIONS				

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-21133.14

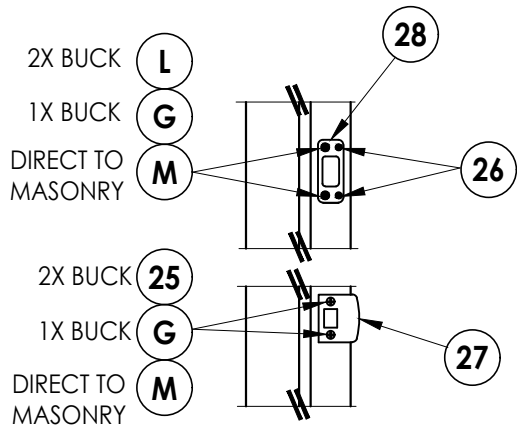
SHEET 9 OF 13

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

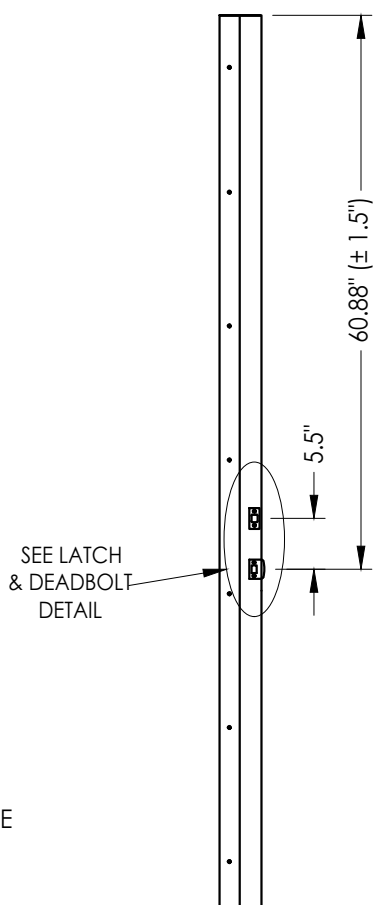
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Phone No.: 813.659.9197
FBPE Registry No. 9813

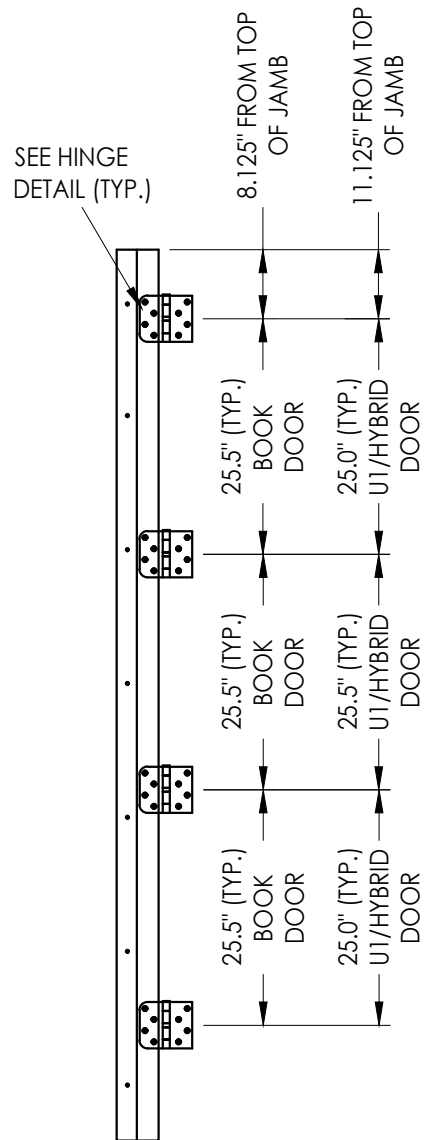
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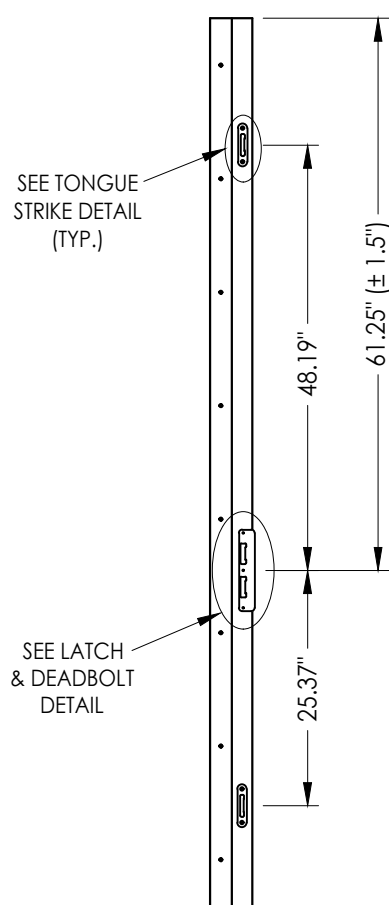
LATCH & DEADBOLT DETAIL
Kwikset



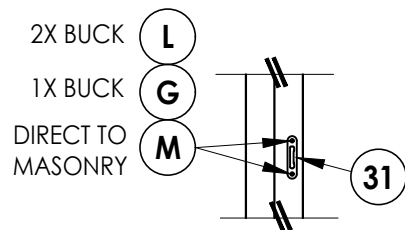
STRIKE JAMB
Latch and Deadbolt



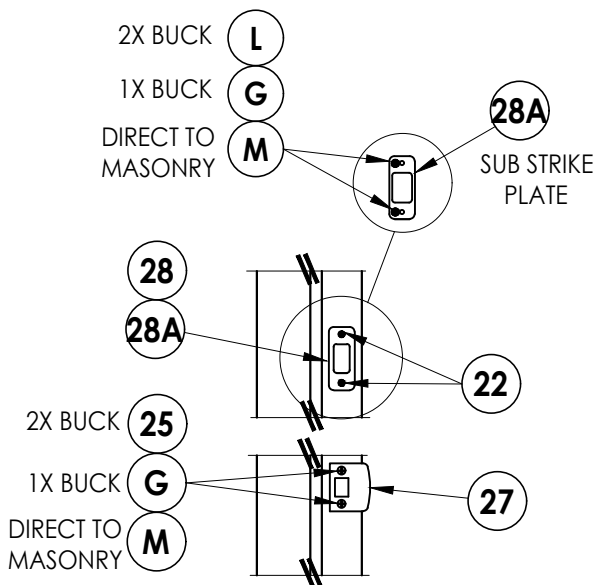
HINGE JAMB



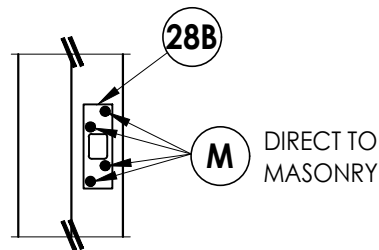
STRIKE JAMB
Multipoint Lock



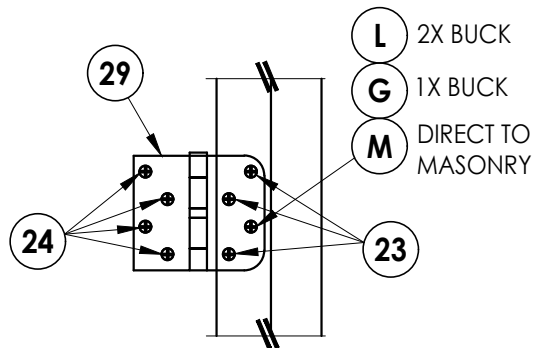
TONGUE STRIKE DETAIL
Multipoint Lock



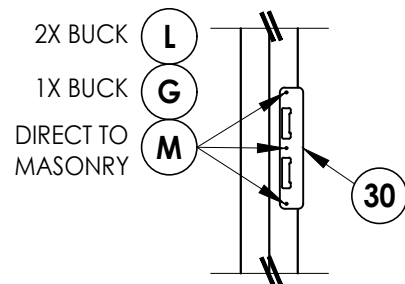
LATCH & DEADBOLT DETAIL
Schlage



DEADBOLT STRIKE DETAILS
(Security Deadbolt Strike Plate)



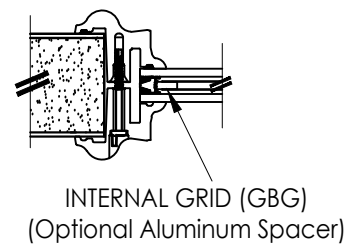
HINGE DETAIL



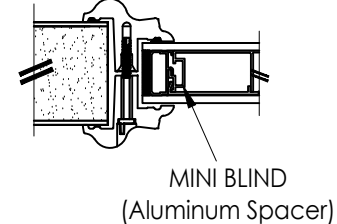
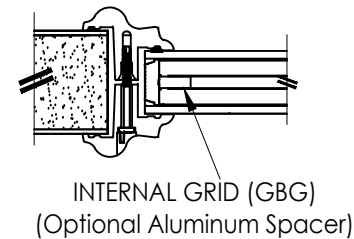
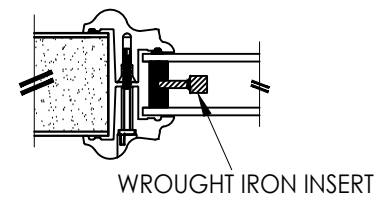
LATCH & DEADBOLT DETAIL
Multipoint Lock

MULTIPOINT LOCK STRIKE DETAILS

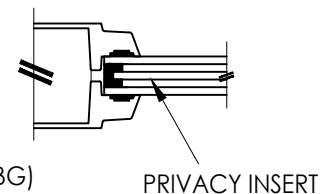
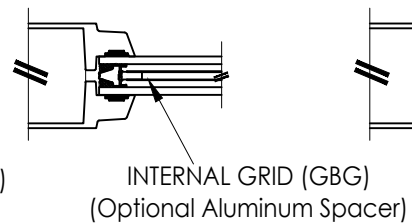
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: HARDWARE DETAILS			
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS		
4	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-21133.14							
SHEET 10 OF 13							



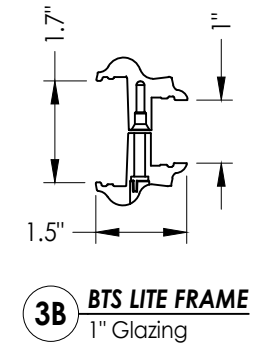
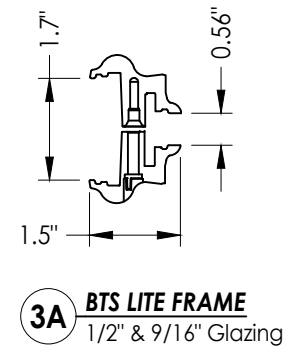
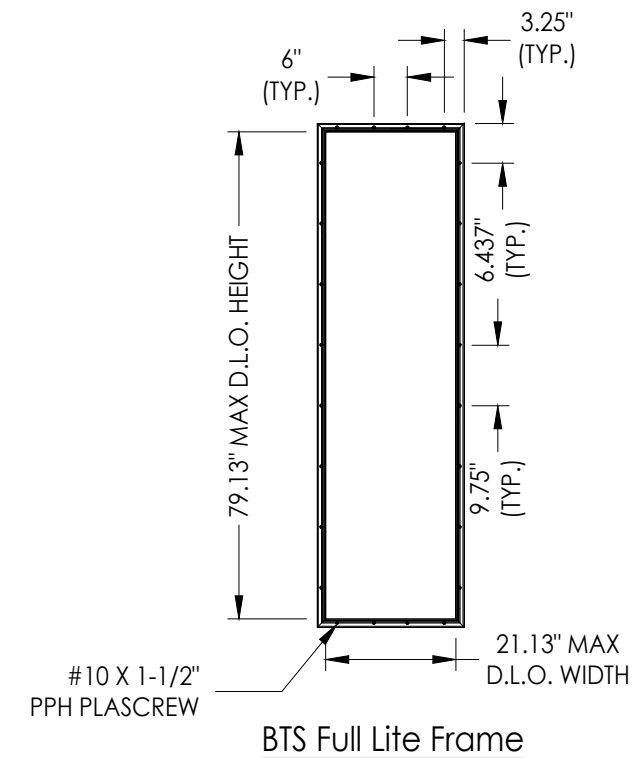
9/16" INSULATED GLASS INSERT OPTIONS



1" INSULATED GLASS INSERT OPTIONS

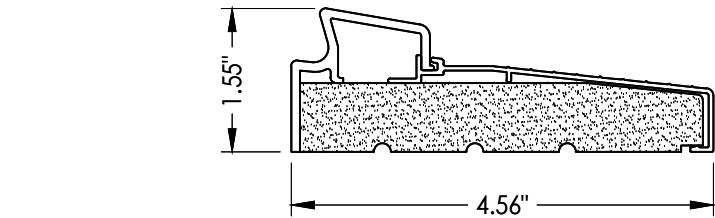


5/8" INSULATED GLASS INSERT OPTIONS

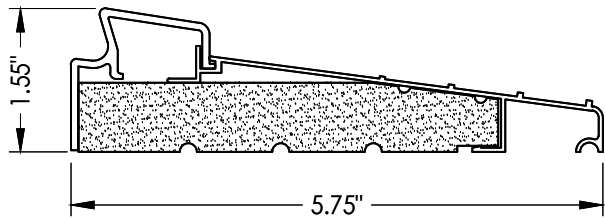


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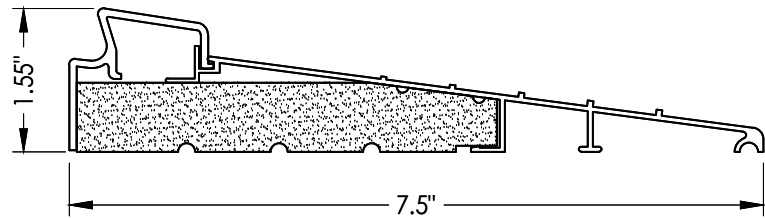
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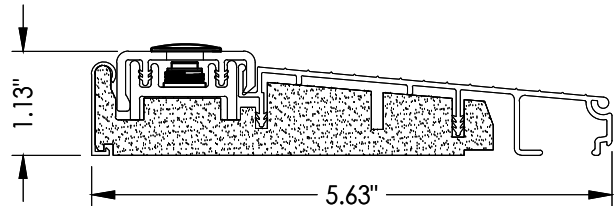
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



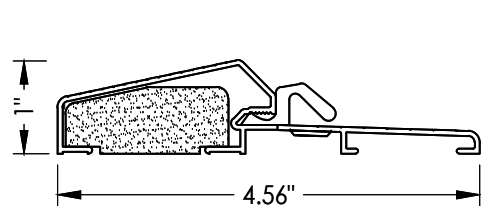
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



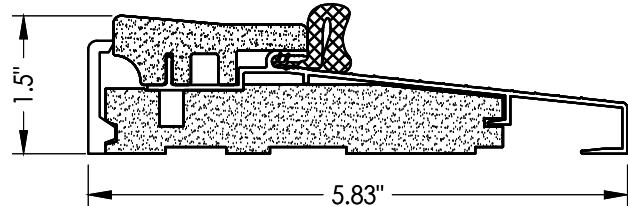
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



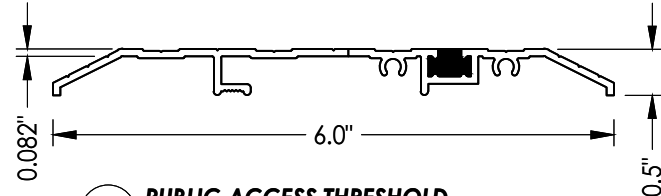
39 INSWING THRESHOLD
Inswing Composite Adjustable Sill



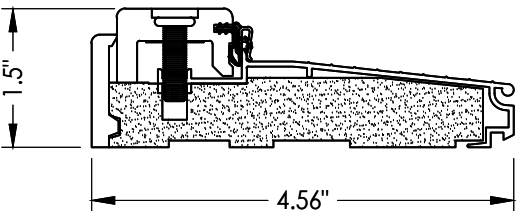
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



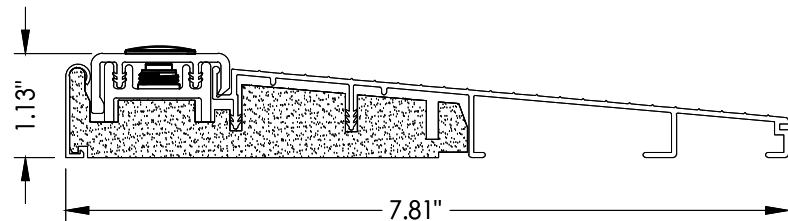
16 OUTSWING THRESHOLD*
Composite / Aluminum Sill



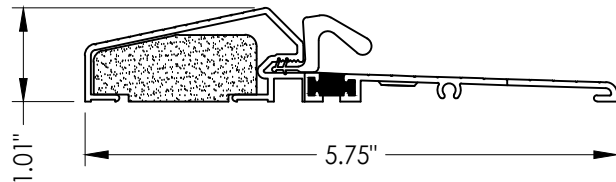
15 PUBLIC ACCESS THRESHOLD



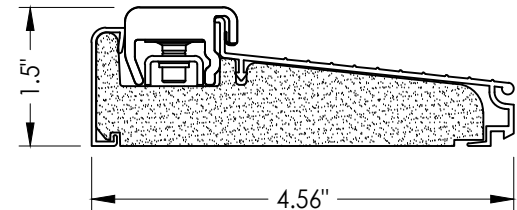
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



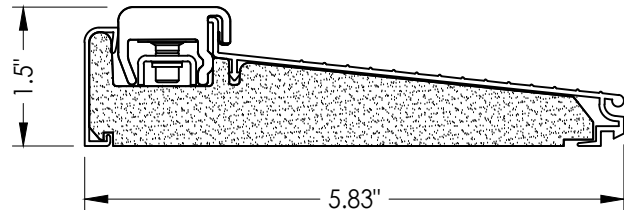
32 INSWING THRESHOLD
Inswing Composite Adjustable 7-3/4" Sill



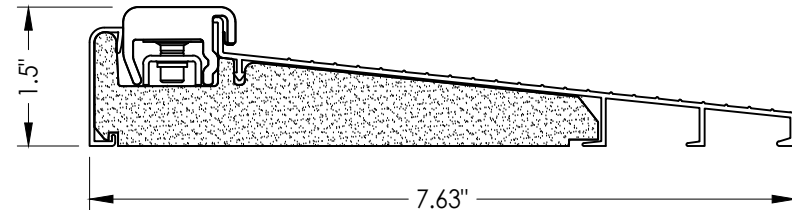
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



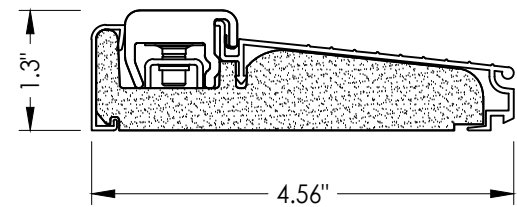
50 INSWING THRESHOLD
Inswing Composite Adjustable Sill
Book, Hybrid



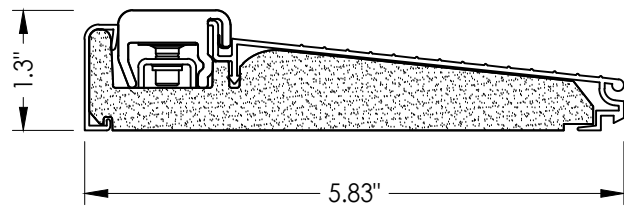
51 INSWING THRESHOLD
Inswing Composite Adjustable Sill
Book, Hybrid



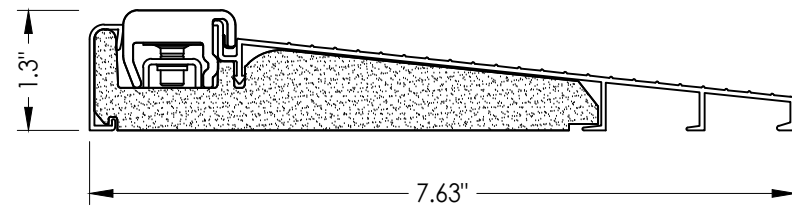
52 INSWING THRESHOLD
Inswing Composite Adjustable Sill
Book, Hybrid



53 INSWING THRESHOLD
Inswing Composite Adjustable Sill
U1



54 INSWING THRESHOLD
Inswing Composite Adjustable Sill
U1



55 INSWING THRESHOLD
Inswing Composite Adjustable Sill
U1

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

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

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.		JK
		& RECESSED PANEL NOTATION		
NO.	DATE			BY
REVISIONS				

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

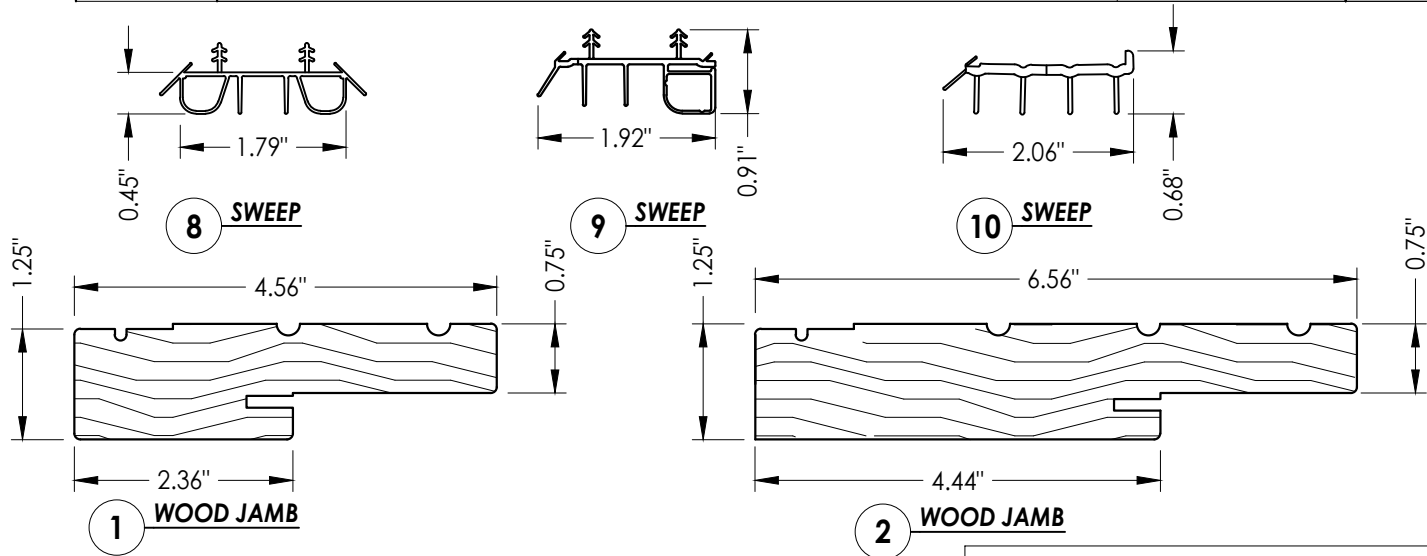
CHK. BY: LFS

DRAWING NO.: FL-21133.14

SHEET 12 OF 13

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BILL OF MATERIALS			BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL	ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD	26	#8 x 5/8" PFH WOOD SCREW	STEEL
B	2X BUCK (SG >= 0.42)	WOOD	27	LATCH STRIKE PLATE	STEEL
C	1/4" MAX. SHIM SPACE	-	28	DEADBOLT STRIKE PLATE (STANDARD)	STEEL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	28A	DEADBOLT SUB STRIKE PLATE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	28B	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
			29	4" X 4" HINGE	STEEL
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	30	LATCH & DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	31	MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	32	INSWING THRESHOLD	ALUM/COMP
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	33	INSWING THRESHOLD	ALUM/COMP
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	36	INSWING THRESHOLD	ALUM/COMP
1	JAMB (FINGER JOINT PINE)	WOOD	37	INSWING THRESHOLD	ALUM/COMP
2	JAMB (FINGER JOINT PINE)	WOOD	38	INSWING THRESHOLD	ALUM/COMP
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	39	INSWING THRESHOLD	ALUM/COMP
7	WEATHERSTRIP (LONG REACH)	FOAM	40	DOOR PANEL (BOOK)	-
8	SWEEP	VINYL	41	DOOR PANEL (HYBRID)	-
9	SWEEP	VINYL	42	DOOR PANEL (U1)	-
10	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL	43	FLUSH GLAZED DOOR PANEL (BOOK)	-
15	PUBLIC ACCESS THRESHOLD	ALUM	44	FLUSH GLAZED DOOR PANEL (HYBRID)	-
16	OUTSWING THRESHOLD	ALUM/COMP	45	FLUSH GLAZED DOOR PANEL (U1)	-
17	OUTSWING THRESHOLD	ALUM/COMP	50	INSWING THRESHOLD	ALUM/COMP
18	OUTSWING THRESHOLD	ALUM/COMP	51	INSWING THRESHOLD	ALUM/COMP
22	#8 x 3/4" PFH WOOD SCREW	STEEL	52	INSWING THRESHOLD	ALUM/COMP
23	#10 x 3/4" PFH WOOD SCREW	STEEL	53	INSWING THRESHOLD	ALUM/COMP
24	#10 x 1" PFH WOOD SCREW	STEEL	54	INSWING THRESHOLD	ALUM/COMP
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL	55	INSWING THRESHOLD	ALUM/COMP



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

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

RW

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS &
BILL OF MATERIALS

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

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21133.14

SHEET 13 OF 13