



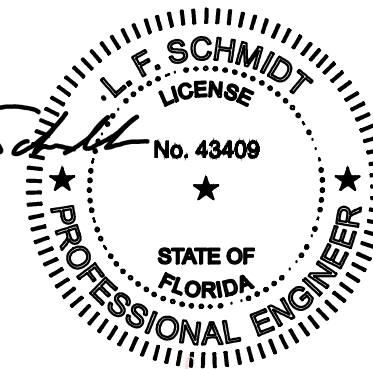
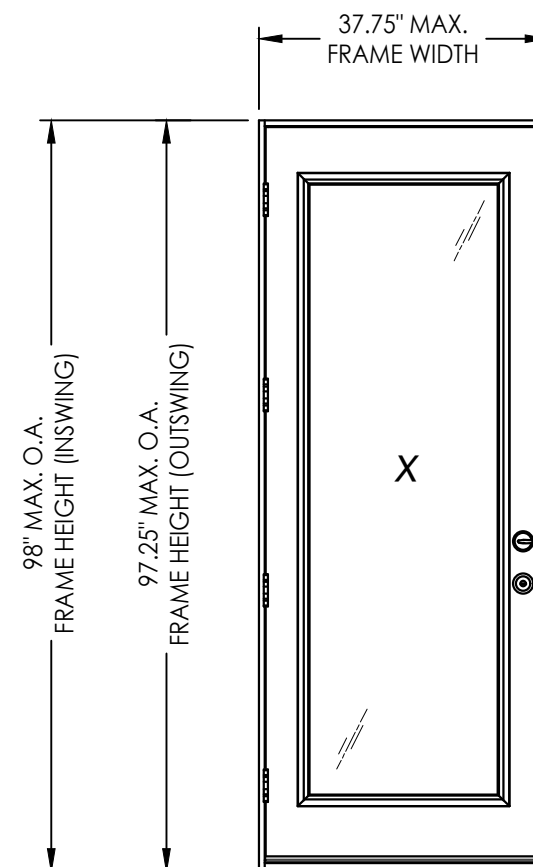
Fiber-Classic® & Smooth-Star®

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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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.

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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



Digitally signed by Lyndon F Schmidt
Date: 2023.08.23 16:03:10 -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	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

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

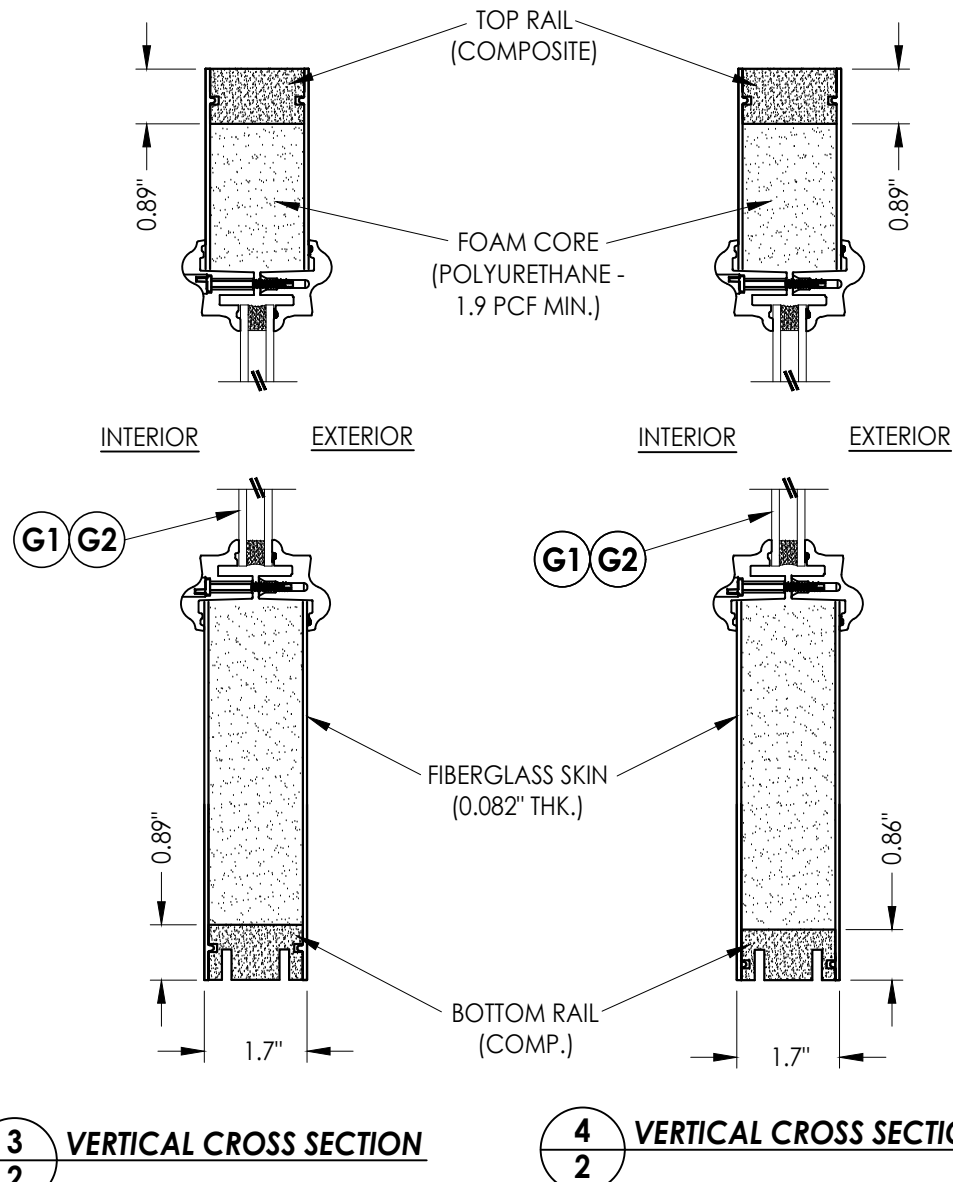
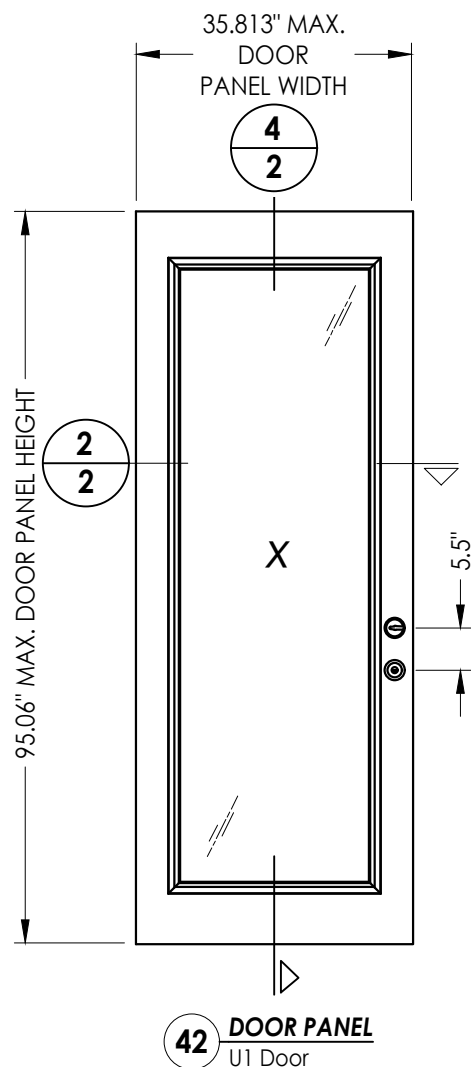
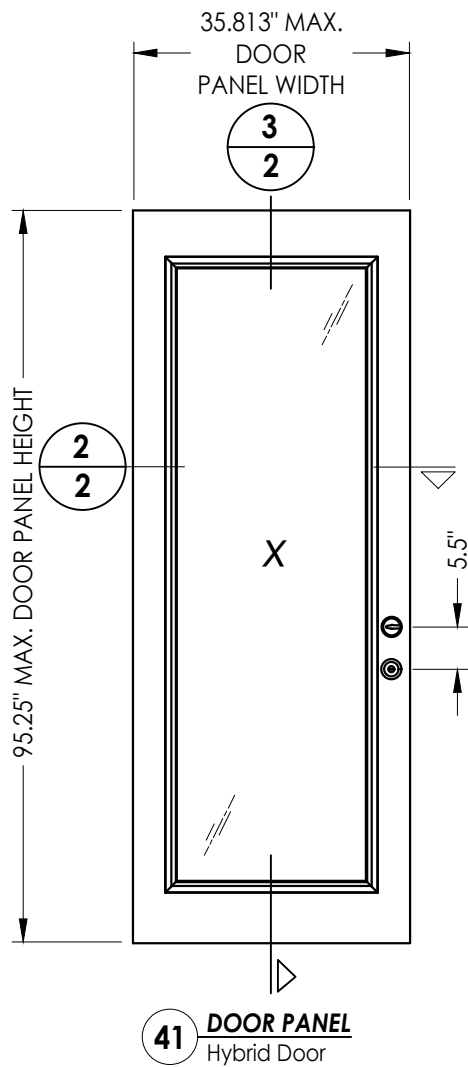
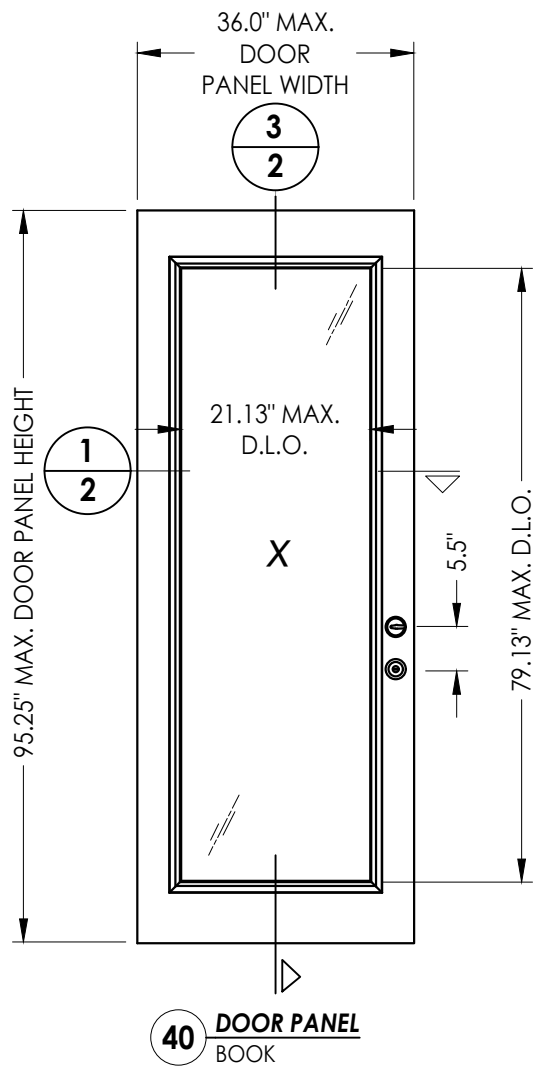
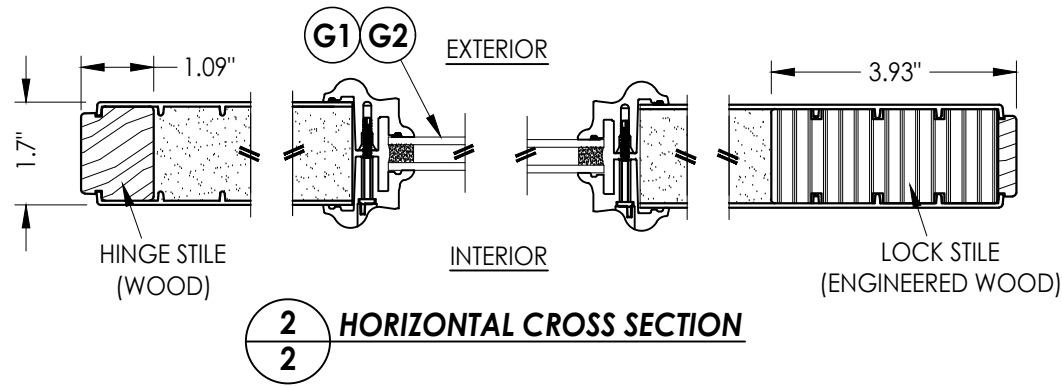
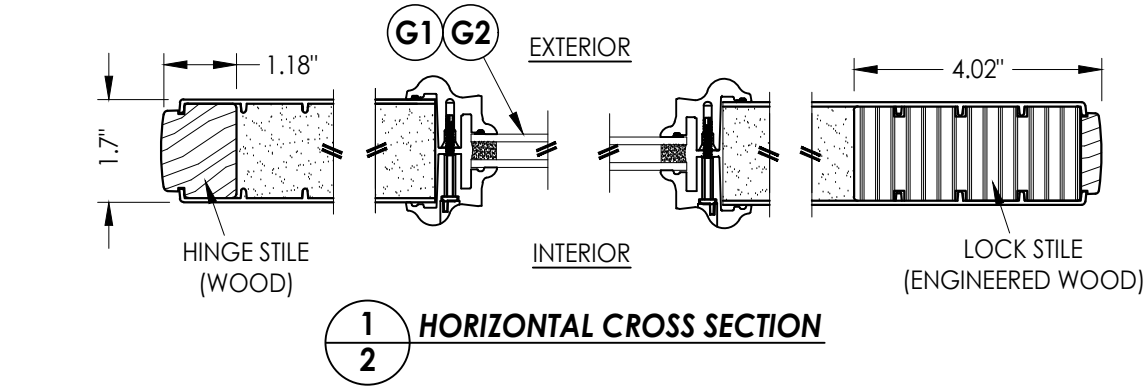
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3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
2	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.		JK
		& RECESSED PANEL	NOTATION	
NO.	DATE			BY
				REVISIONS

DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.14
SHEET 1 OF 13

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FBPE Registry No. 9813

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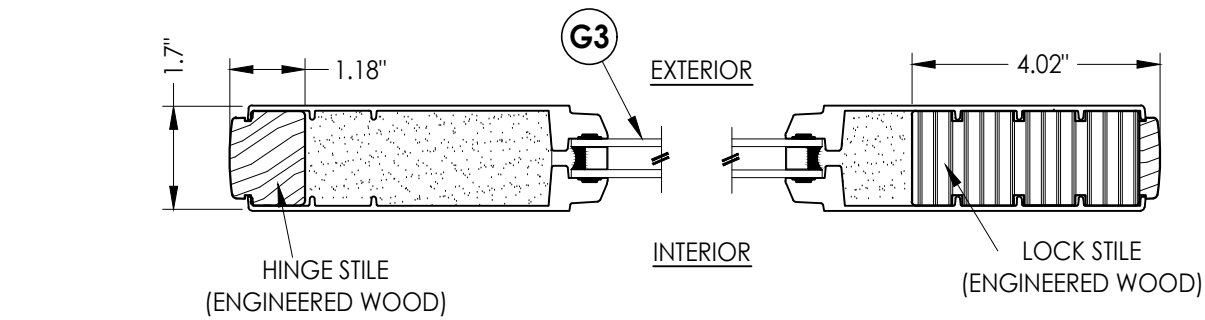
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3	7/16/20	UPDATE TO 7th ED (2020) FBC		PO							
2	10/10/18	REV. DOOR PANEL OPTION NOTE		MT							
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION		JK							

PRODUCT:		PART OR ASSEMBLY:	
THERMA-TRU FIBERGLASS DOOR		DOOR PANEL DETAILS	

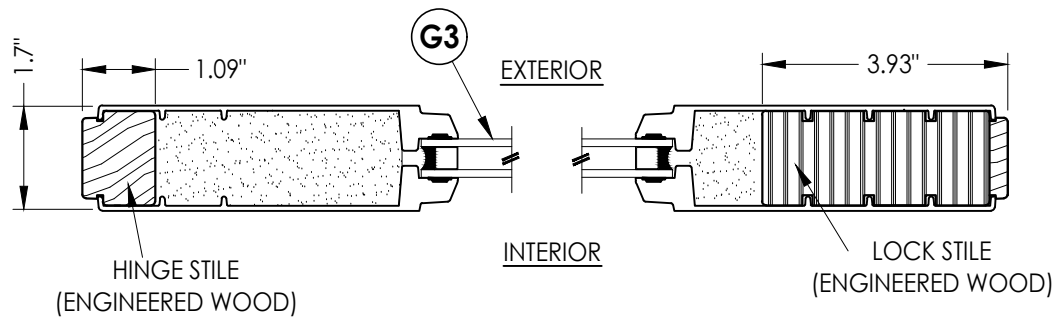
Documents Prepared By:
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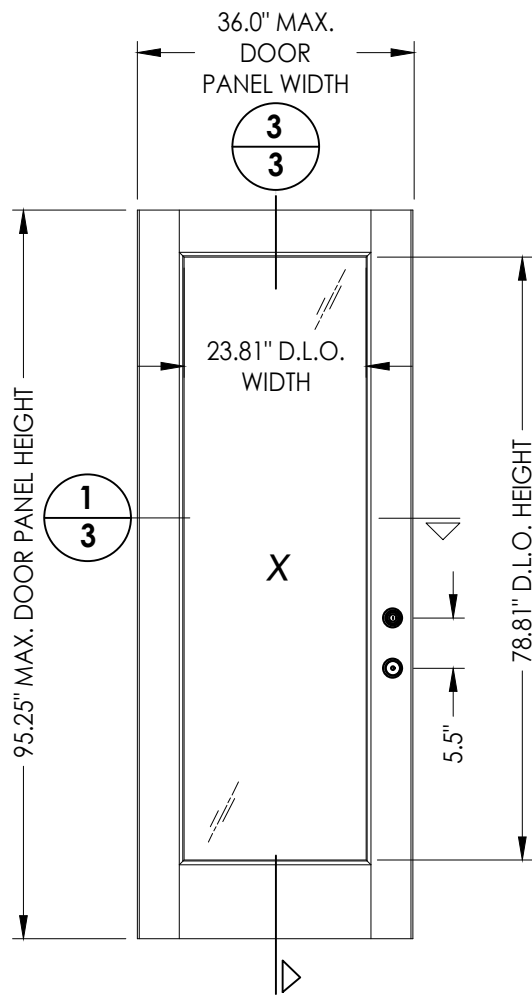
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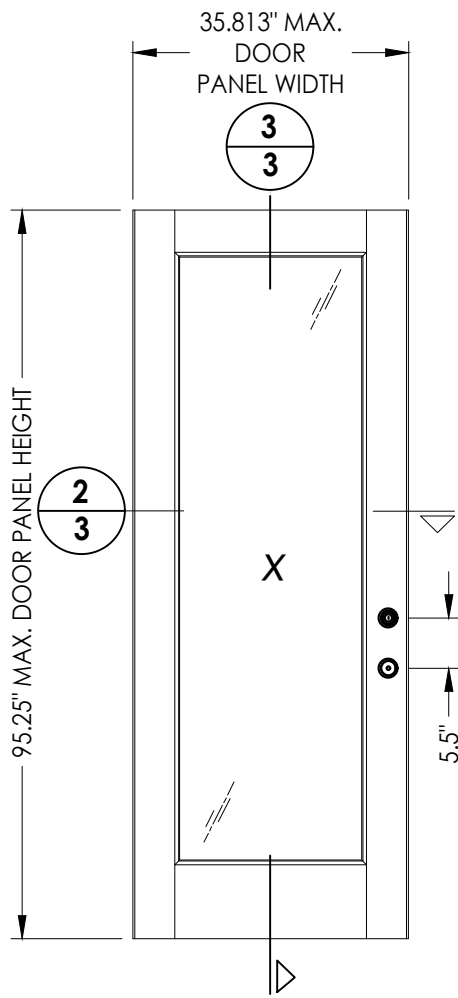
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3 HORIZONTAL CROSS SECTION



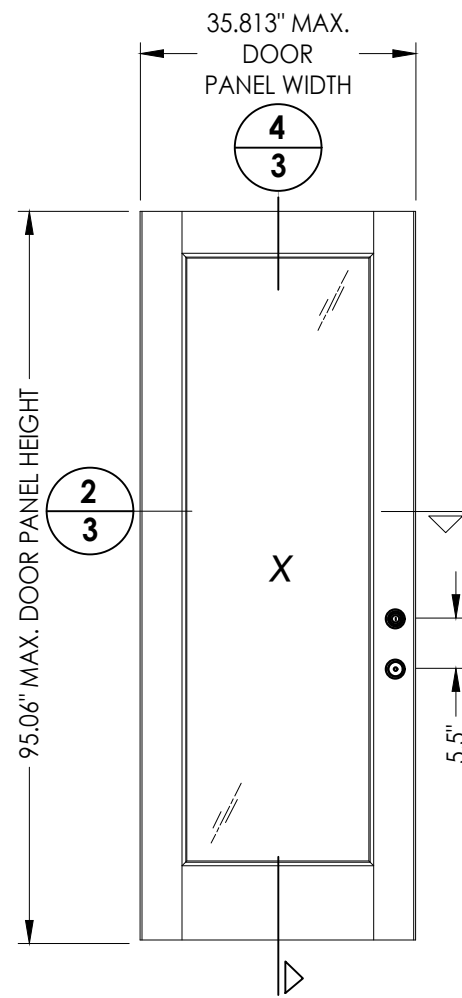
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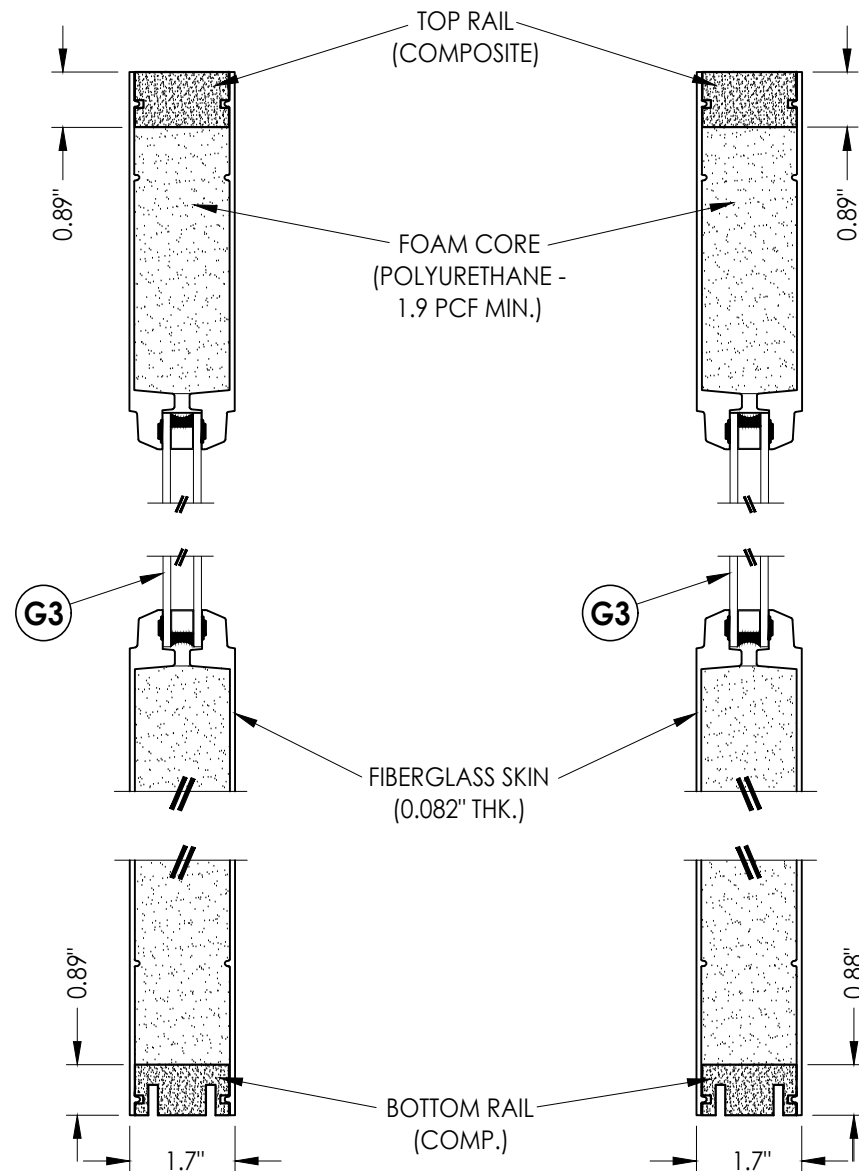
43 DOOR PANEL
BOOK



44 DOOR PANEL
Hybrid Door



45 DOOR PANEL
U1 Door



3
3 VERTICAL CROSS SECTION

4
3 VERTICAL CROSS SECTION

Documents Prepared By:
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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
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.

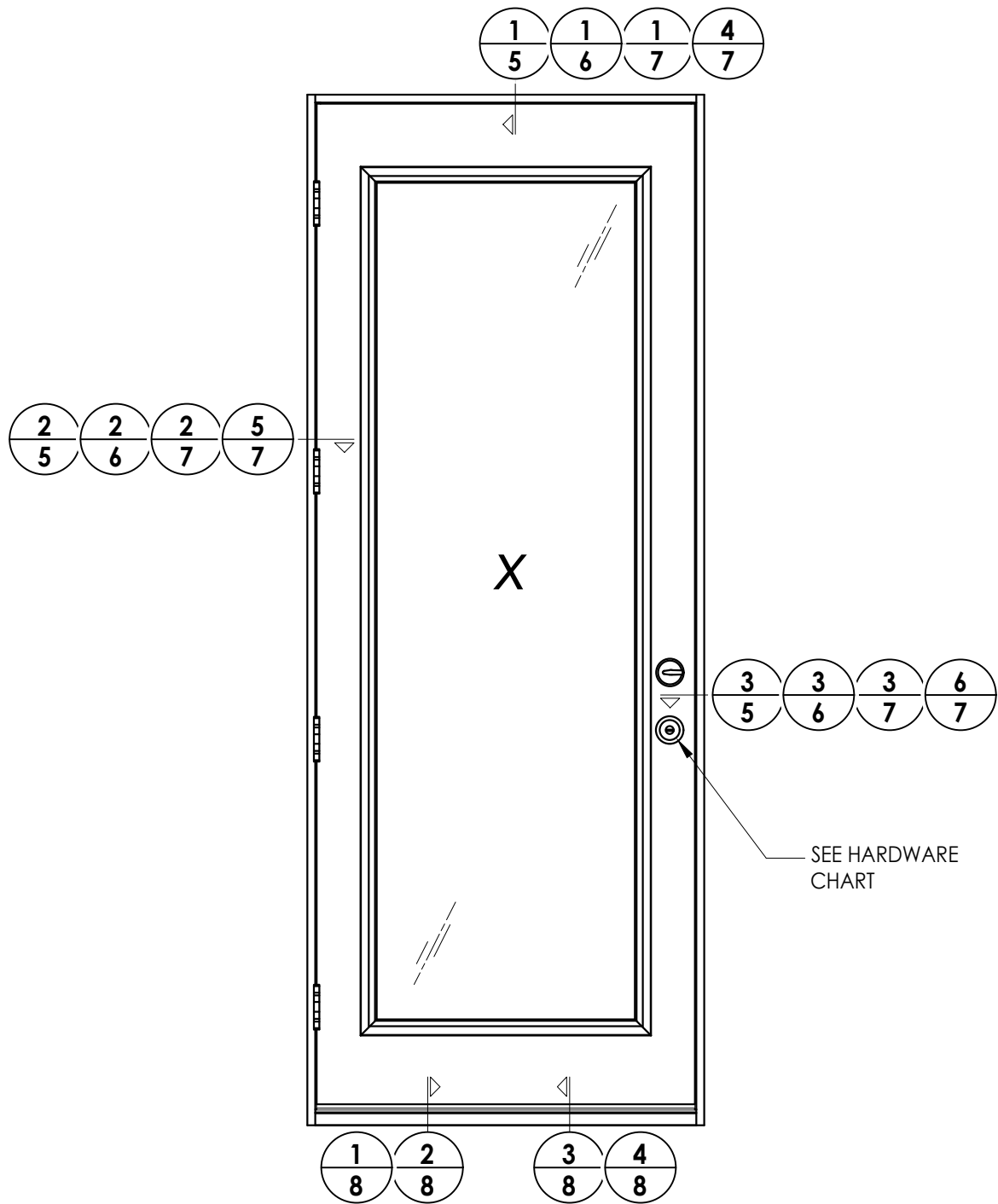
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CHK. BY: LFS

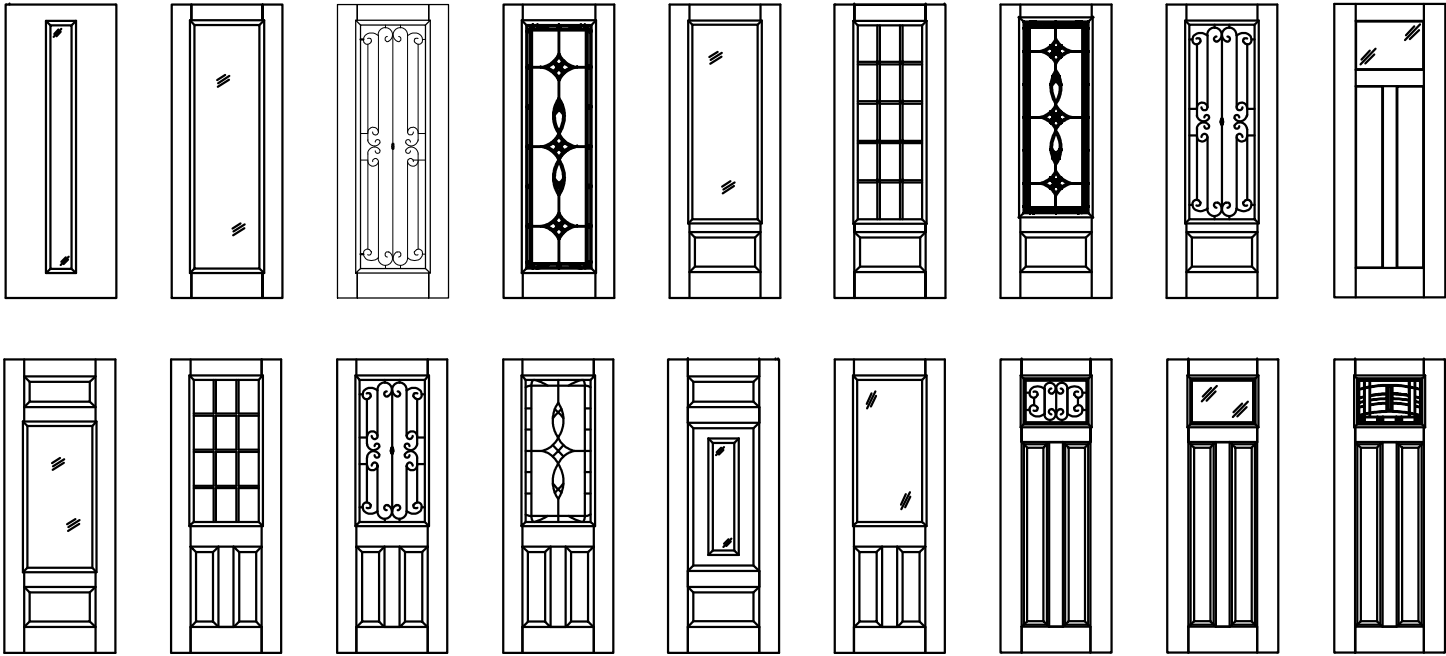
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SHEET 3 OF 13

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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.

Documents Prepared By:
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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

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		
				BY

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

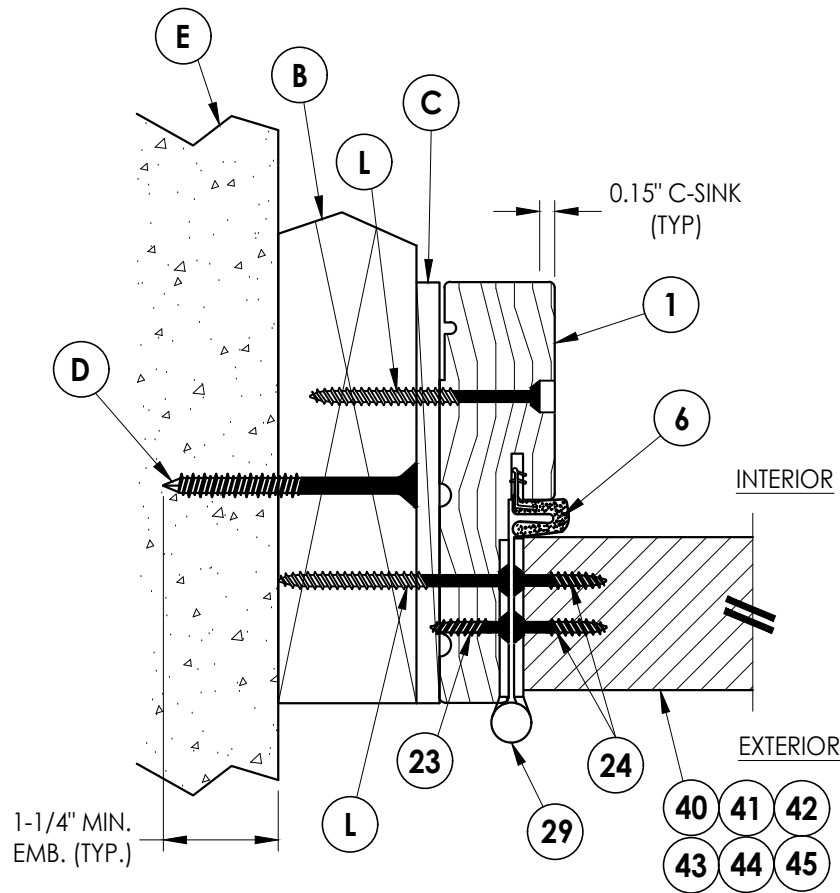
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DRAWING NO.: FL-21133.14

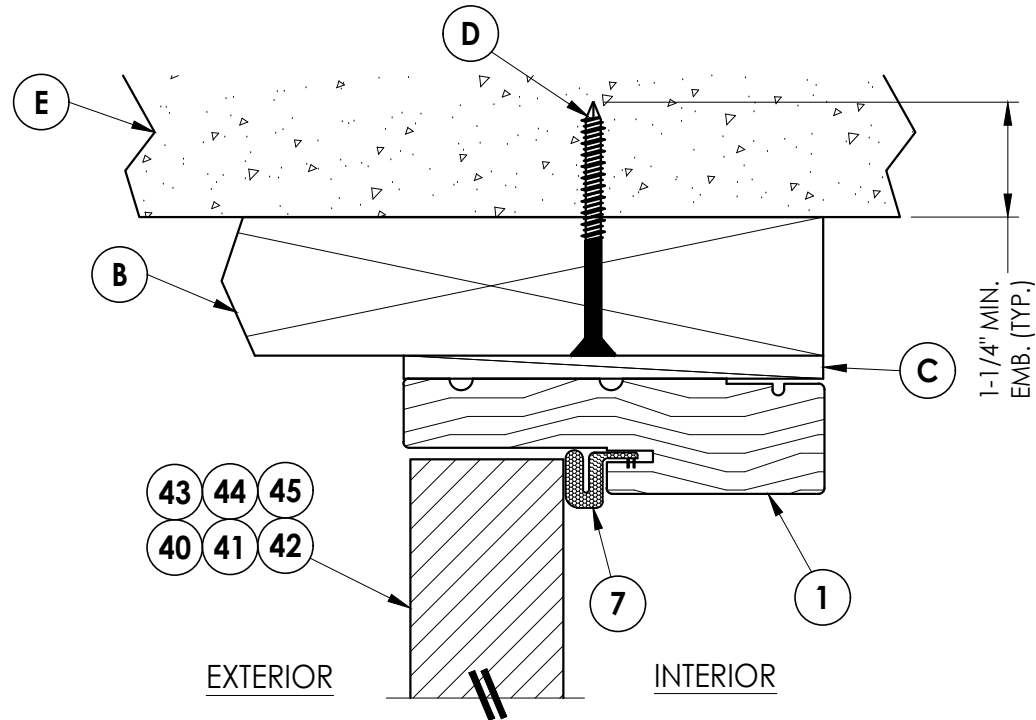
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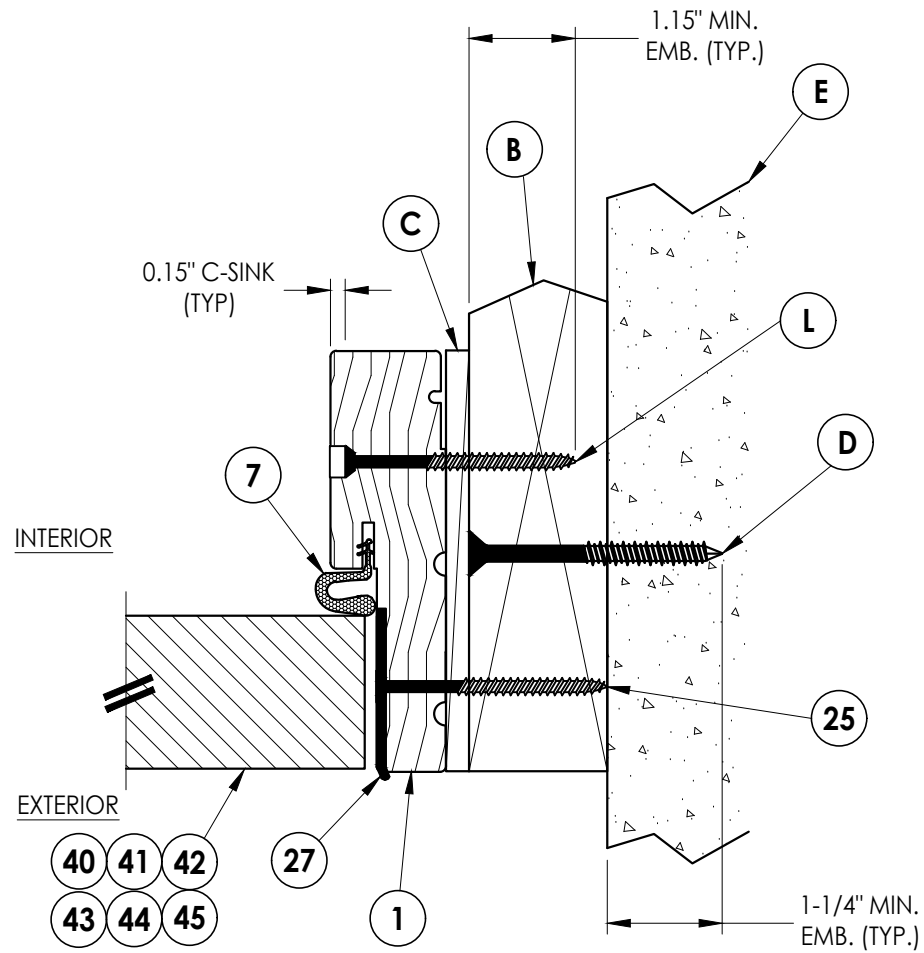
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2 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



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		UPDATE TO		8TH ED. (2023)		FBC		LFS	
4	8/23/23	UPDATE TO	7TH ED. (2020)	7TH ED. (2020)	7TH ED. (2020)	7TH ED. (2020)	7TH ED. (2020)	7TH ED. (2020)	7TH ED. (2020)
3	7/16/20	UPDATE TO	6TH ED. (2019)	6TH ED. (2019)	6TH ED. (2019)	6TH ED. (2019)	6TH ED. (2019)	6TH ED. (2019)	6TH ED. (2019)
2	10/10/18	REV.	DOOR PANEL OPTION	DOOR PANEL OPTION	DOOR PANEL OPTION	DOOR PANEL OPTION	DOOR PANEL OPTION	DOOR PANEL OPTION	DOOR PANEL OPTION
1	10/15/17	ADD	DEADBOLT 5-1/2\"	DEADBOLT 5-1/2\"	DEADBOLT 5-1/2\"	DEADBOLT 5-1/2\"	DEADBOLT 5-1/2\"	DEADBOLT 5-1/2\"	DEADBOLT 5-1/2\"
NO.		DATE		BY		REVISIONS		DATE	
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3		7/16/20		LFS		UPDATE TO 7TH ED. (2020)		FBC	
2		10/10/18		LFS		REV. DOOR PANEL OPTION		NOTE	
1		10/15/17		LFS		ADD DEADBOLT 5-1/2\"		O. C.	
NO.		DATE		BY		REVISIONS		DATE	
4		8/23/23		LFS		UPDATE TO 8TH ED. (2023)		FBC	
3		7/16/20		LFS		UPDATE TO 7TH ED. (2020)		FBC	
2		10/10/18		LFS		REV. DOOR PANEL OPTION		NOTE	
1		10/15/17		LFS		ADD DEADBOLT 5-1/2\"		O. C.	
NO.		DATE		BY		REVISIONS		DATE	
4		8/23/23		LFS		UPDATE TO 8TH ED. (2023)		FBC	
3		7/16/20		LFS		UPDATE TO 7TH ED. (2020)		FBC	
2		10/10/18		LFS		REV. DOOR PANEL OPTION		NOTE	
1		10/15/17		LFS		ADD DEADBOLT 5-1/2\"		O. C.	
NO.		DATE		BY		REVISIONS		DATE	

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.14

SHEET 5 OF 13

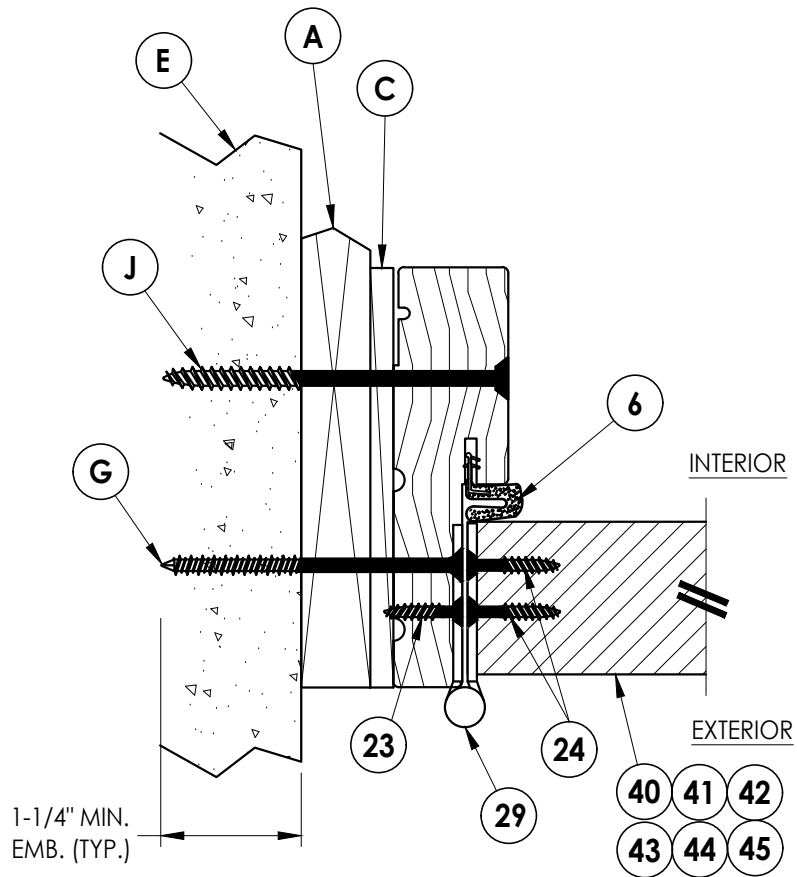
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
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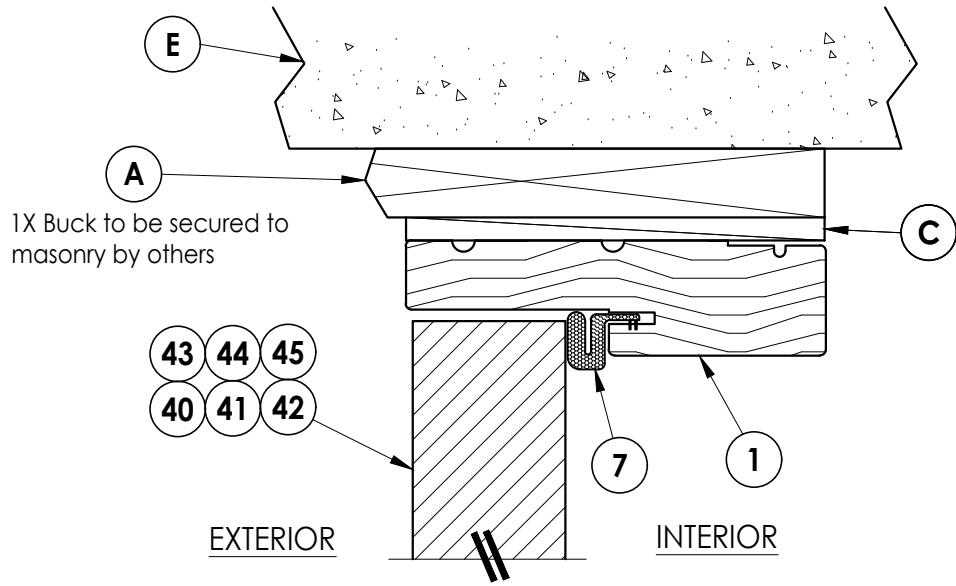
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FIBERGLASS DOOR

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

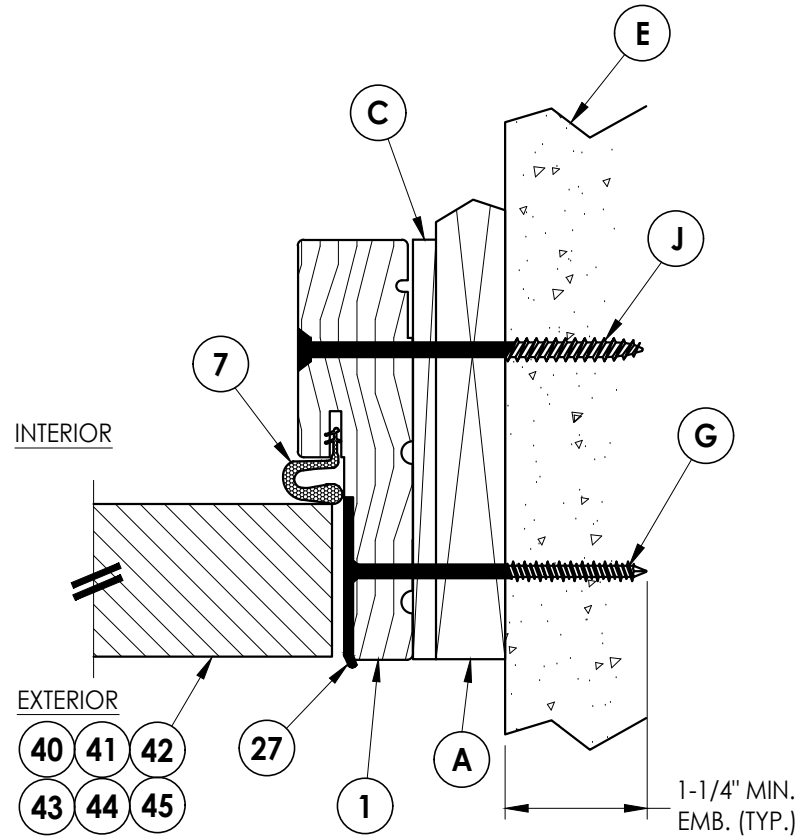
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2 HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



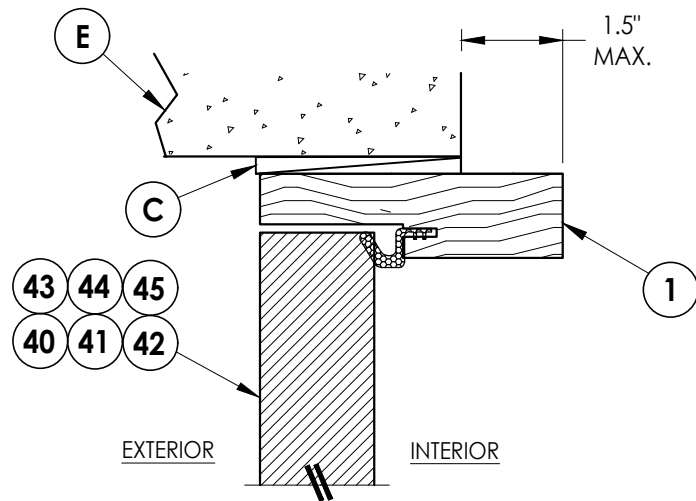
3 HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

PRODUCT:		THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
DOCUMENTS PREPARED BY:		LFS		NO.		DATE	
Lyndon F. Schmidt		8/23/23		4		07/07/17	
P.E. No. 43409		7/16/20		3		N.T.S.	
		10/10/18		2		DWG. BY: JK	
		REV. DOOR PANEL OPTION		1		CHK. BY: LFS	
		ADD DEADBOLT 5-1/2" O. C.		1		DRAWING NO.: FL-21133.14	
		& RECESSED PANEL NOTATION		1		SHEET 6 OF 13	

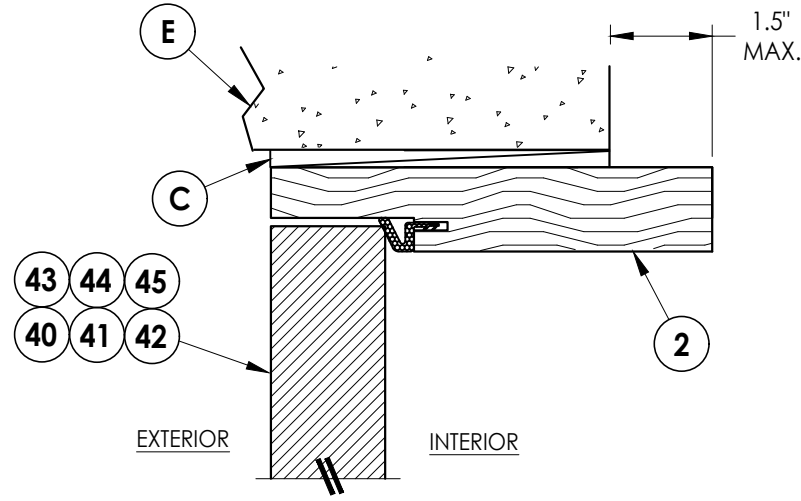
Documents Prepared By:
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Phone No.: 813.659.9197
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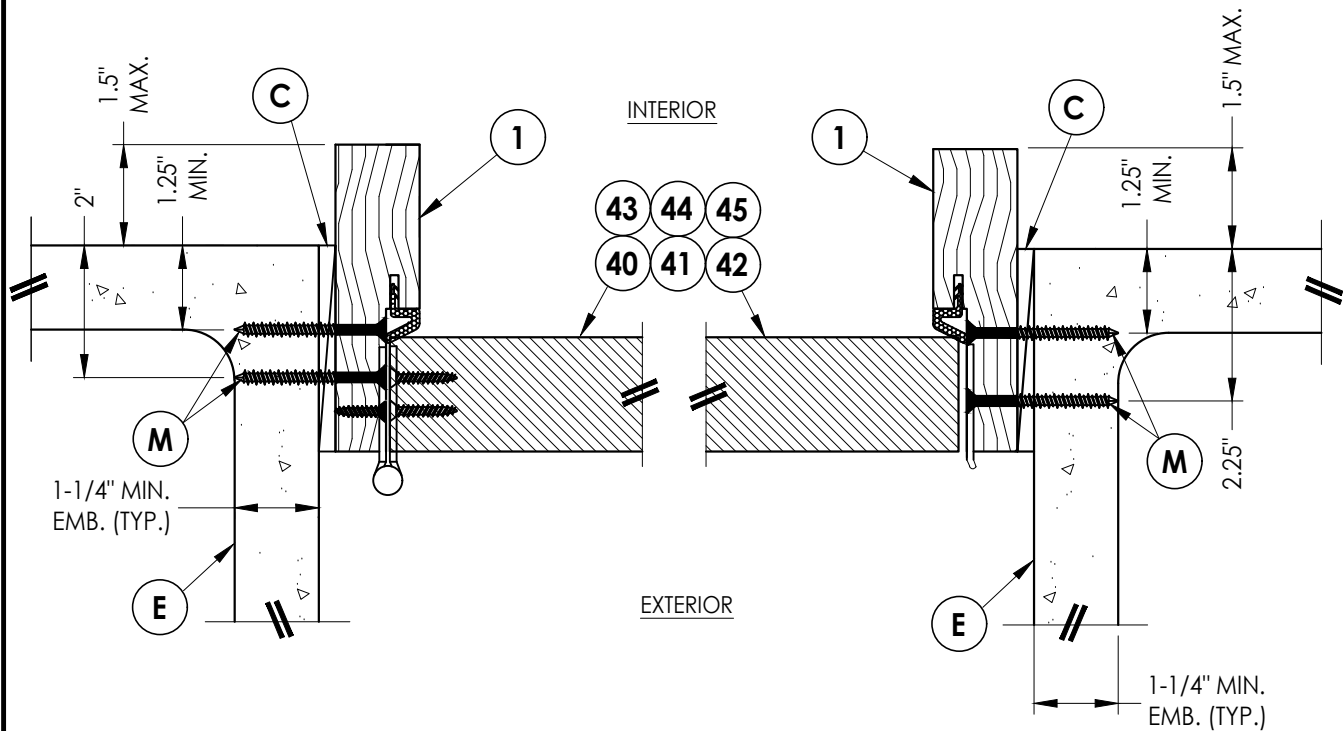


1
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

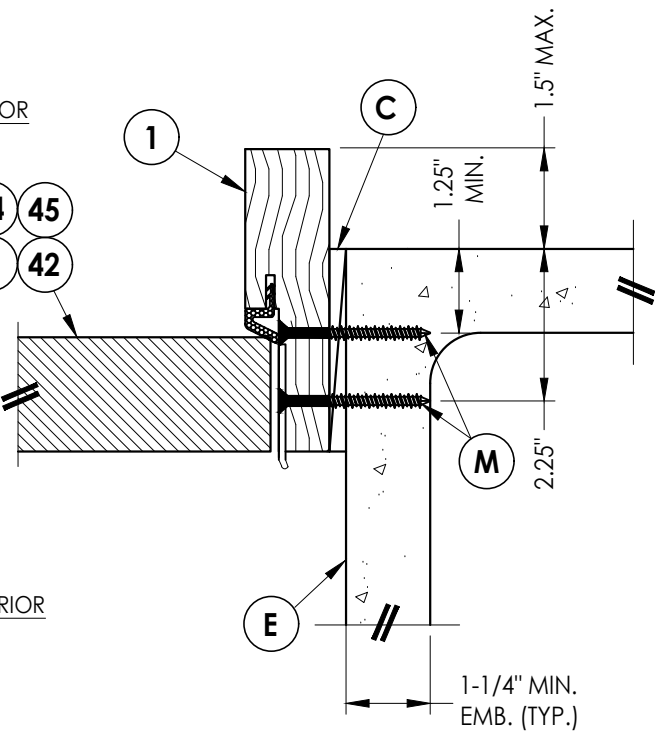


4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

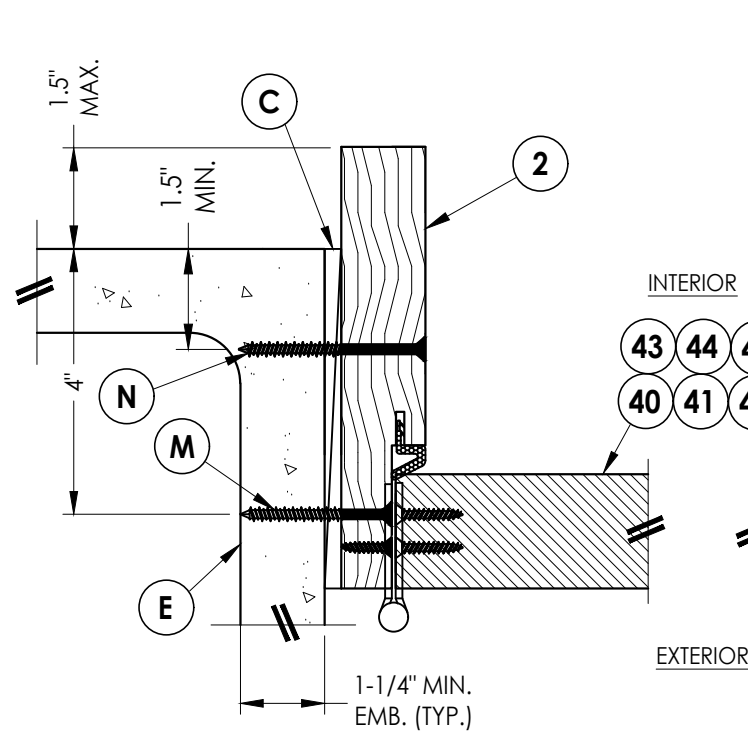
DIRECT TO MASONRY MAX. DESIGN PRESSURE:
w/ STANDARD STRIKE = ± 47 PSF
w/ SECURITY STRIKE = ± 55 PSF



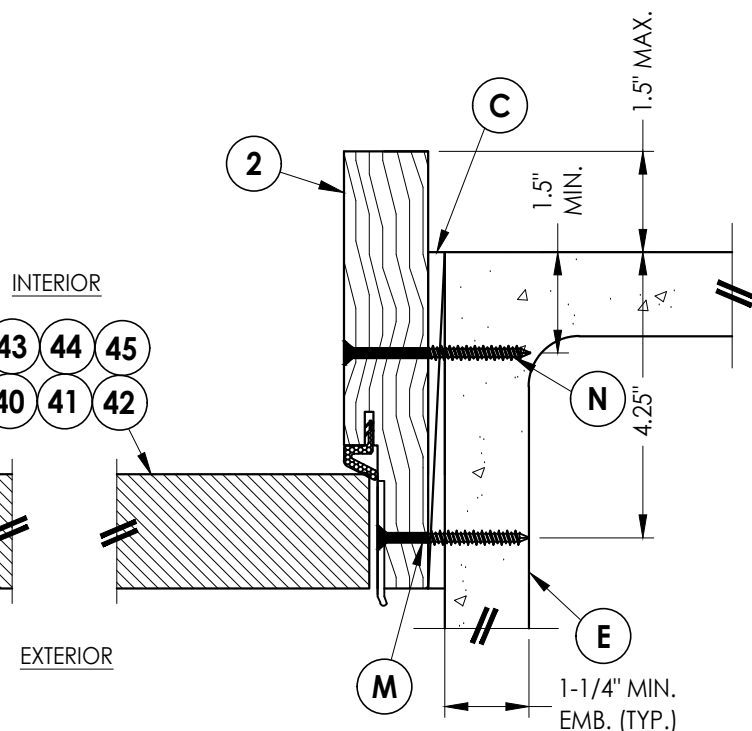
2
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



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

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

NO.	DATE	REVISIONS
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
		BY

DATE: 07/07/17

SCALE: N.T.S.

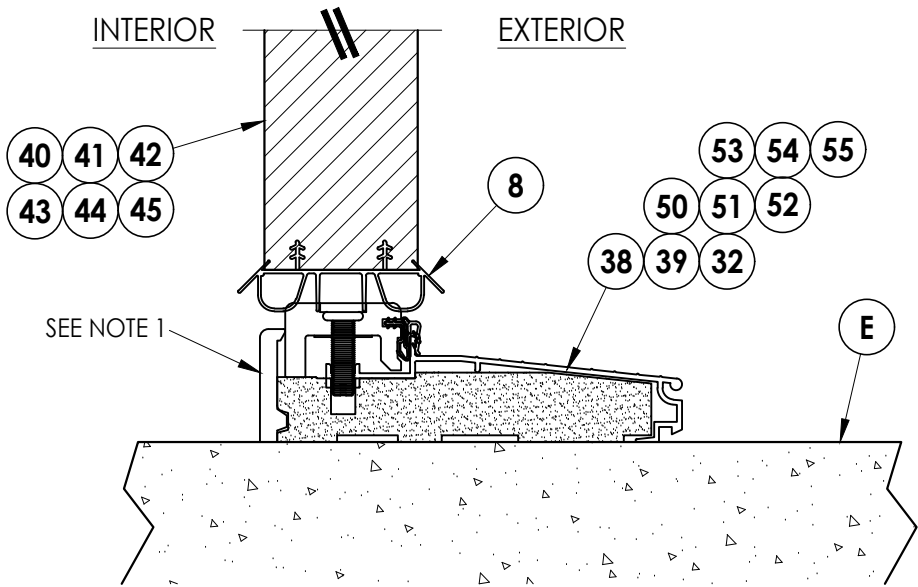
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CHK. BY: LFS

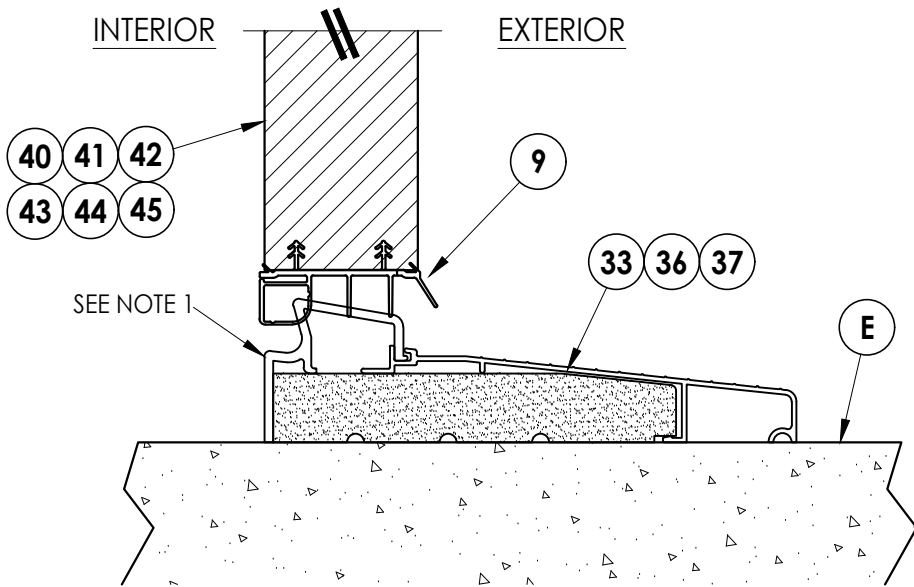
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SHEET 7 OF 13

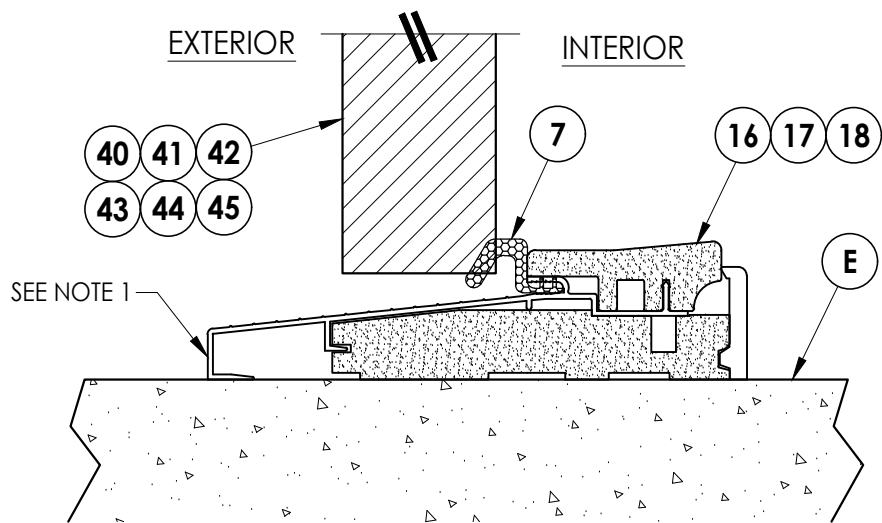
- Notes:
- Sill Item #'s 16, 32, 33, 36, 37, 38, 39, 50, 51, 52, 53, 54 & 55 are attached to jambs w/ (3) #8 X 2-1/2" pph screws or (3) 2.5" staples at each end.
 - Sill Item #'s 17 & 18 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
 - Sill Item #15 is attached to jambs utilizing (2)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



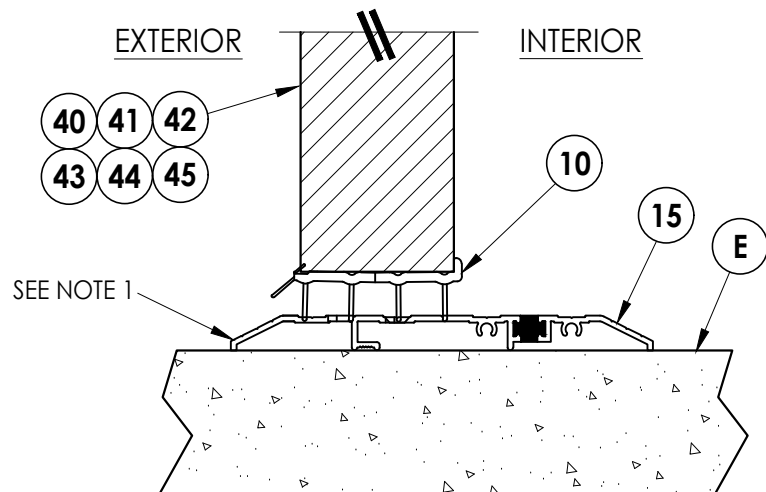
1 **VERTICAL CROSS SECTION**
8 Inswing Sill



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:
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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

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

DATE: 07/07/17

SCALE: N.T.S.

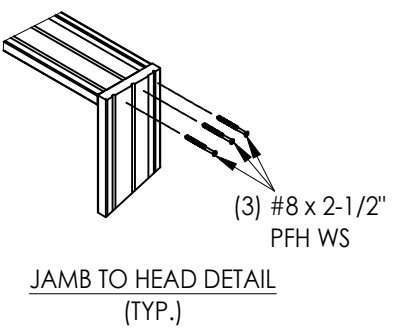
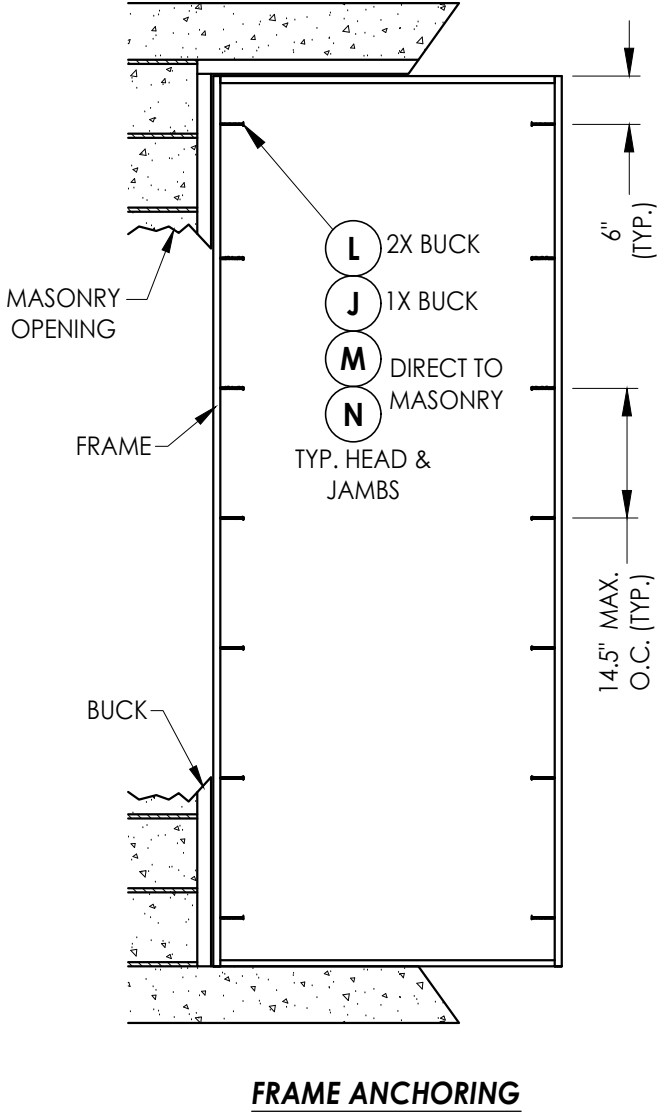
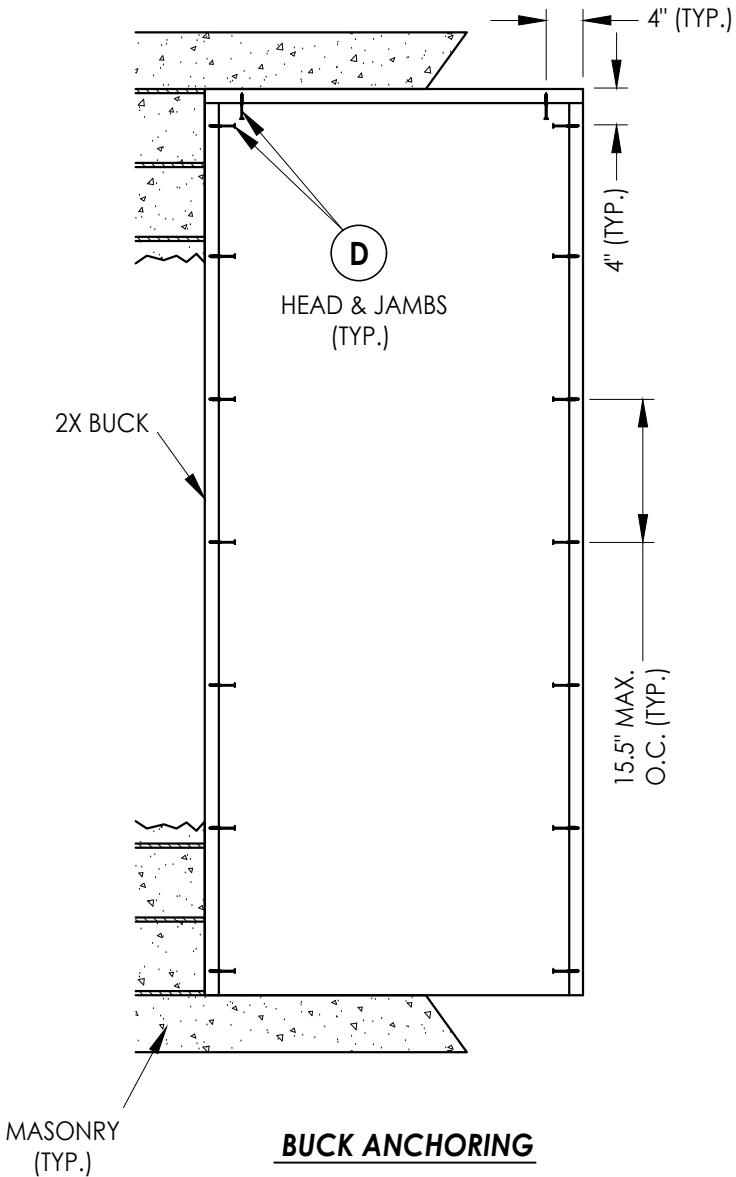
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21133.14

SHEET 8 OF 13



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

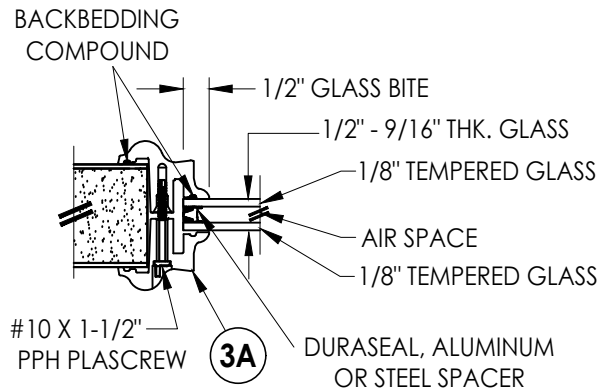
DATE:	07/07/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21133.14
SHEET	9 OF 13

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

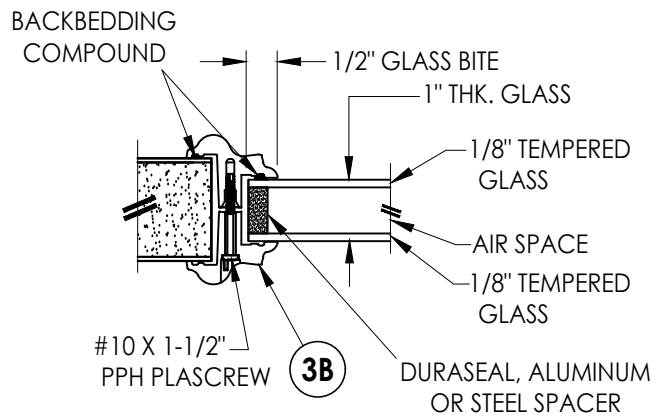
Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

DATE: 07/07/17		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		THERMA-TRU FIBERGLASS DOOR		Lyndon F. Schmidt P.E. No. 43409	
DWG. BY: JK		PART OR ASSEMBLY:		<i>R^W</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
CHK. BY: LFS		HARDWARE DETAILS			
DRAWING NO.: FL-21133.14					
SHEET 10 OF 13					

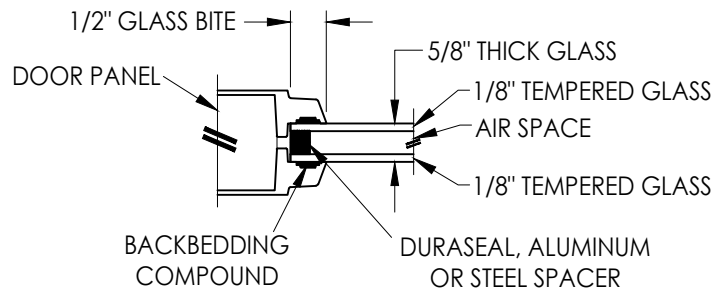
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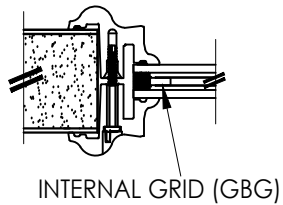
G1 GLAZING DETAIL
BTS Lite Frame
Door Panels



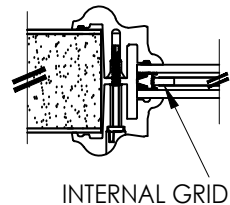
G2 GLAZING DETAIL
BTS Lite Frame
Door Panels



G3 GLAZING DETAIL
Flush Glazing
Door Panels

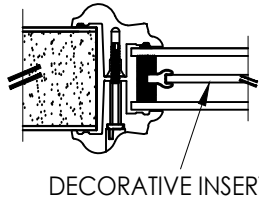


INTERNAL GRID (GBG)

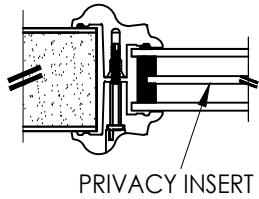


INTERNAL GRID (GBG)
(Optional Aluminum Spacer)

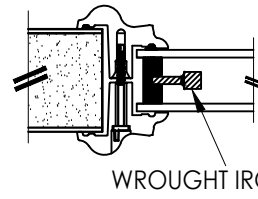
9/16" INSULATED GLASS INSERT OPTIONS



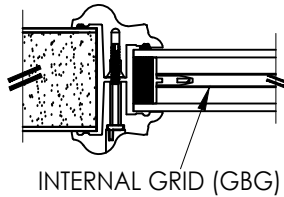
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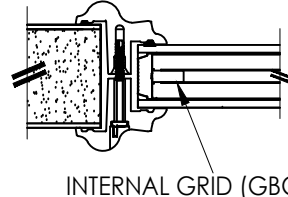
PRIVACY INSERT



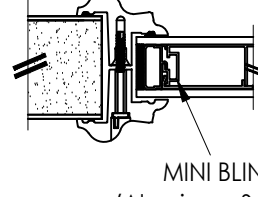
WROUGHT IRON INSERT



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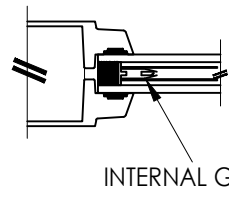


INTERNAL GRID (GBG)
(Optional Aluminum Spacer)

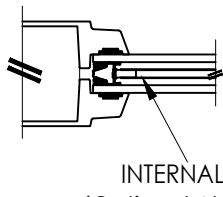


MINI BLIND
(Aluminum Spacer)

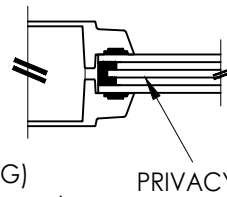
1" INSULATED GLASS INSERT OPTIONS



INTERNAL GRID (GBG)

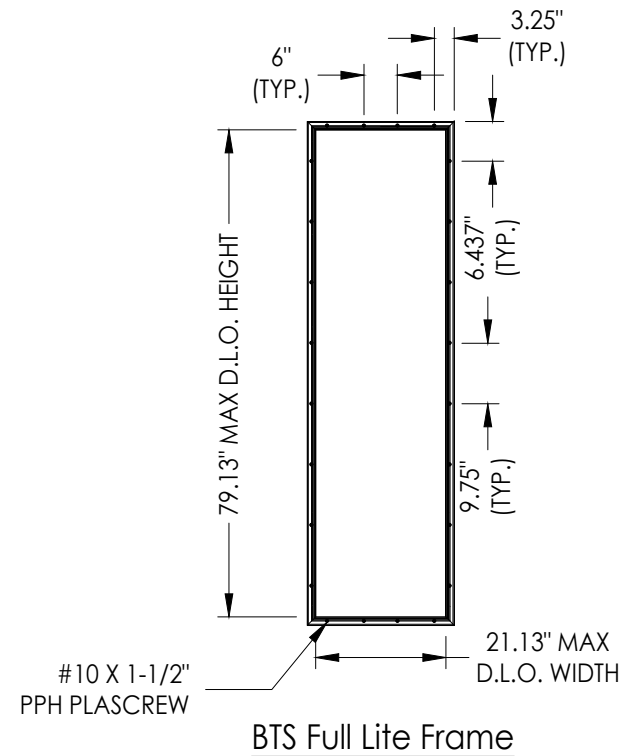


INTERNAL GRID (GBG)
(Optional Aluminum Spacer)

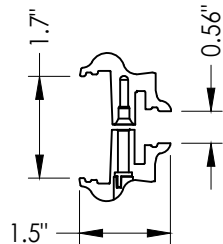


PRIVACY INSERT

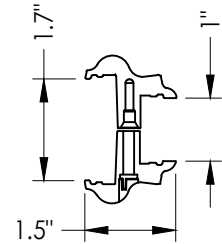
5/8" INSULATED GLASS INSERT OPTIONS



BTS Full Lite Frame



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



3B BTS LITE FRAME
1" Glazing

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

RW 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:
GLAZING DETAILS

NO	DATE	REVISIONS
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
		BY

DATE: 07/07/17

SCALE: N.T.S.

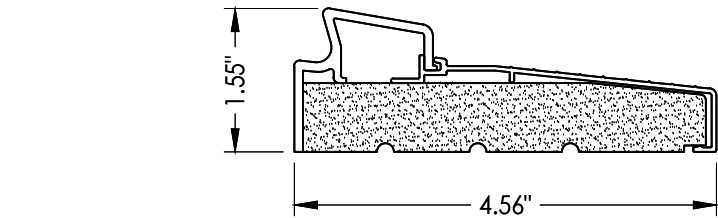
DWG. BY: JK

CHK. BY: LFS

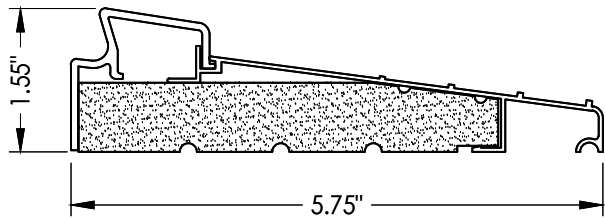
DRAWING NO.: FL-21133.14

SHEET 11 OF 13

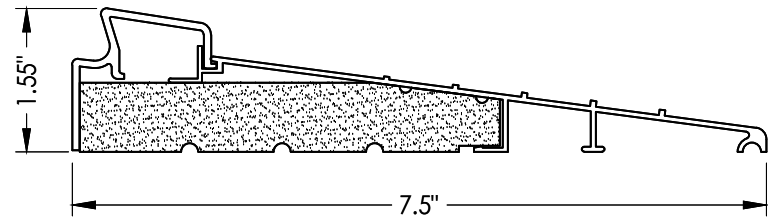
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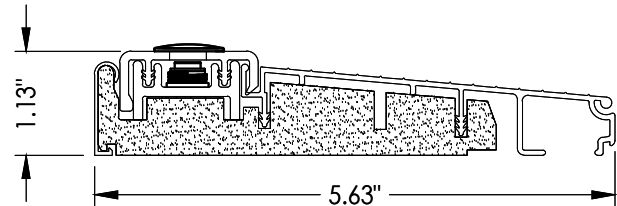
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



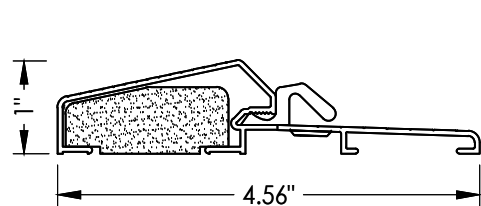
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



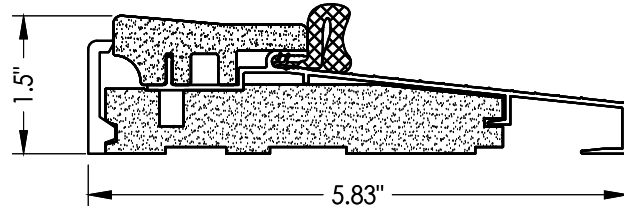
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



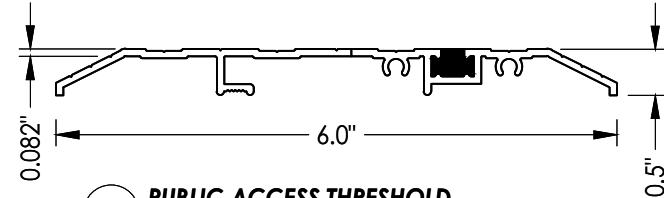
39 INSWING THRESHOLD
Inswing Composite Adjustable Sill



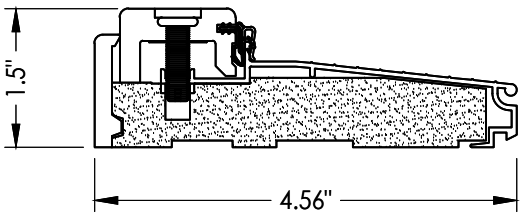
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



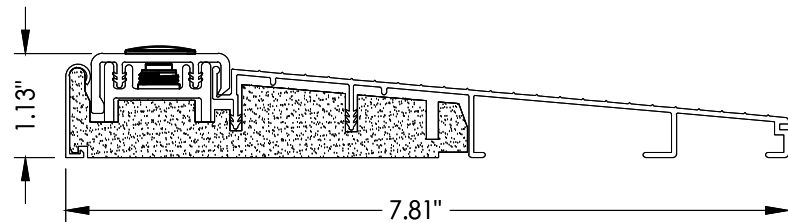
16 OUTSWING THRESHOLD*
Composite / Aluminum Sill



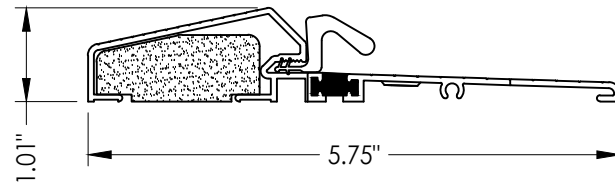
15 PUBLIC ACCESS THRESHOLD



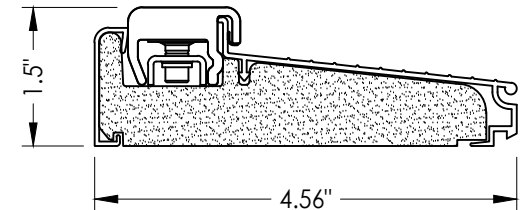
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



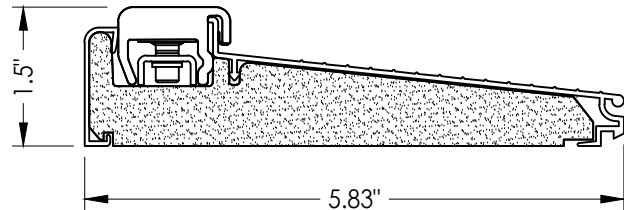
32 INSWING THRESHOLD
Inswing Composite Adjustable 7-3/4" Sill



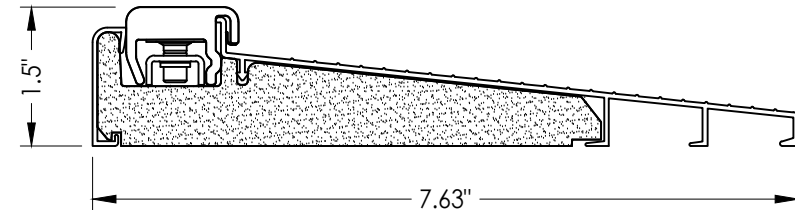
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



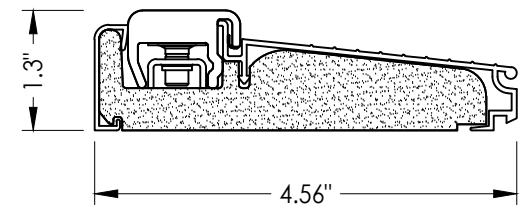
50 INSWING THRESHOLD
Inswing Composite Adjustable Sill
Book, Hybrid



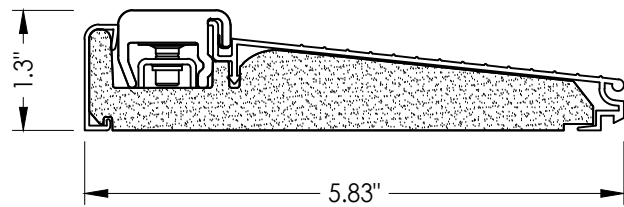
51 INSWING THRESHOLD
Inswing Composite Adjustable Sill
Book, Hybrid



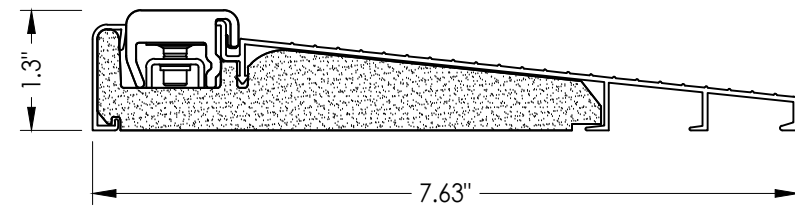
52 INSWING THRESHOLD
Inswing Composite Adjustable Sill
Book, Hybrid



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:

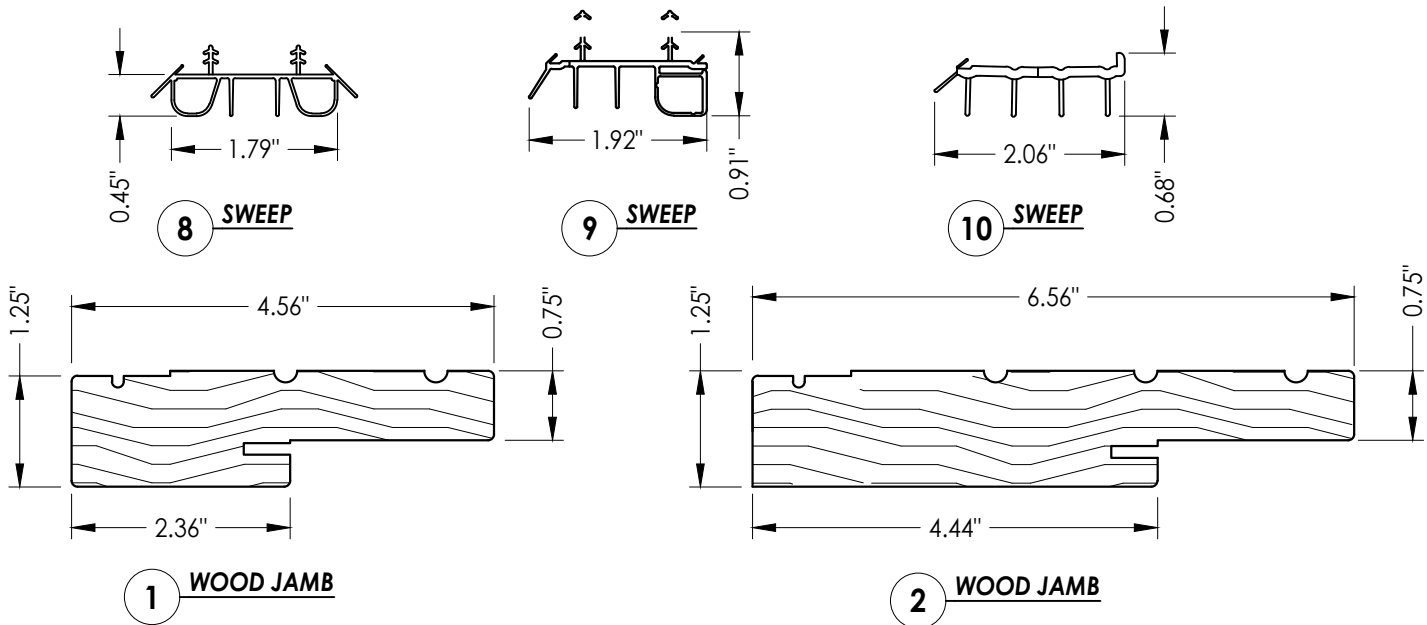
COMPONENTS

NO.	DATE	REVISIONS				
		BY	JK	MT	PO	LFS
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 12 OF 13

Z:\2023 FBC Drawings\Therma-Tru\FL-21133 R10\FL-21133.14-16.dwg

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



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:
COMPONENTS &
BILL OF MATERIALS

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	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 13 OF 13

RW
BUILDING CONSULTANTS, INC.
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