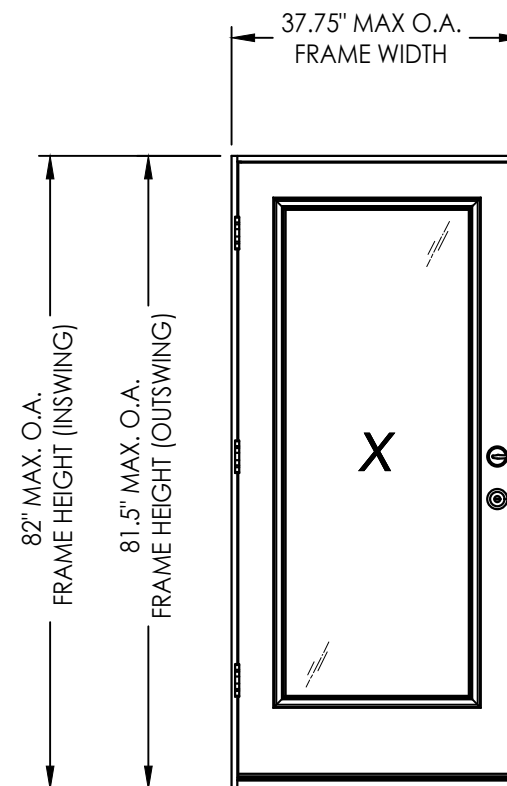


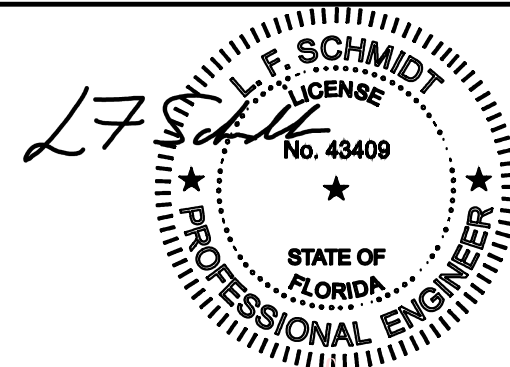
GENERAL NOTES

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.

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



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+57.0	-57.0	+57.0	-57.0



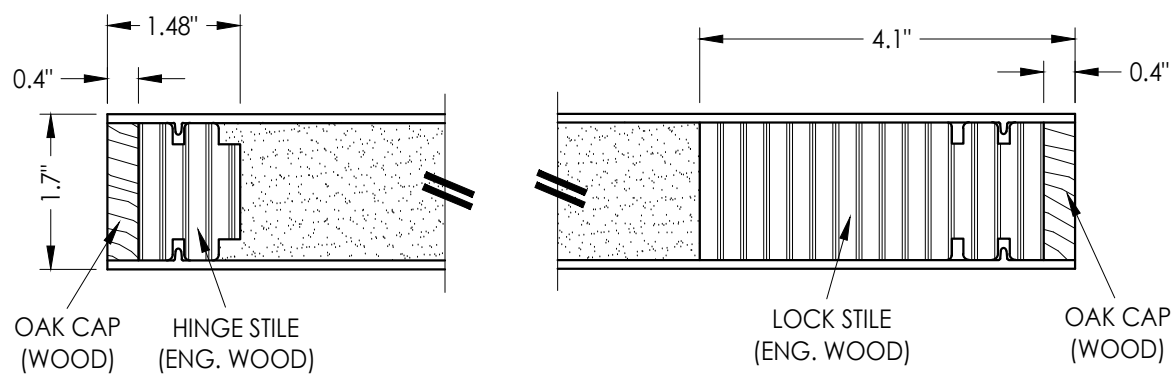
Digitally signed by Lyndon F Schmidt
Date: 2026.08.08 09:31:00 -04'00'

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.

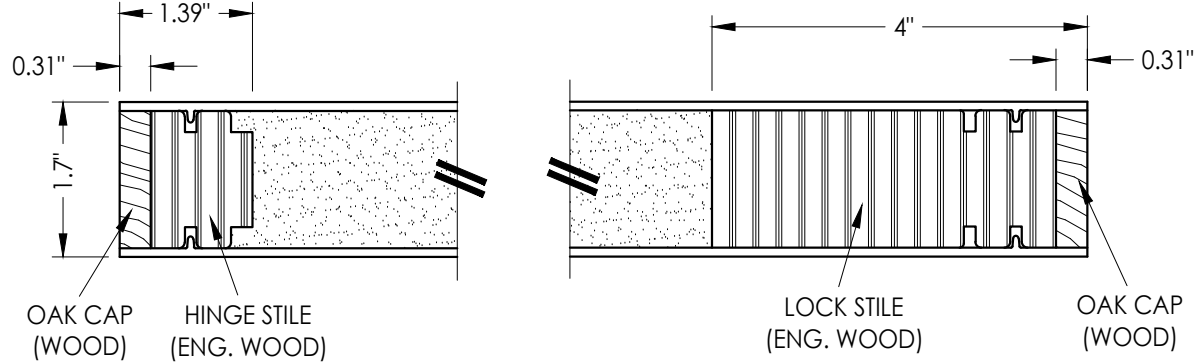
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

DATE: 4/02/20													
SCALE: N.T.S.													
DWG. BY: RW													
CHK. BY: LFS													
DRAWING NO.: FL-23955.13													
SHEET 1 OF 11													

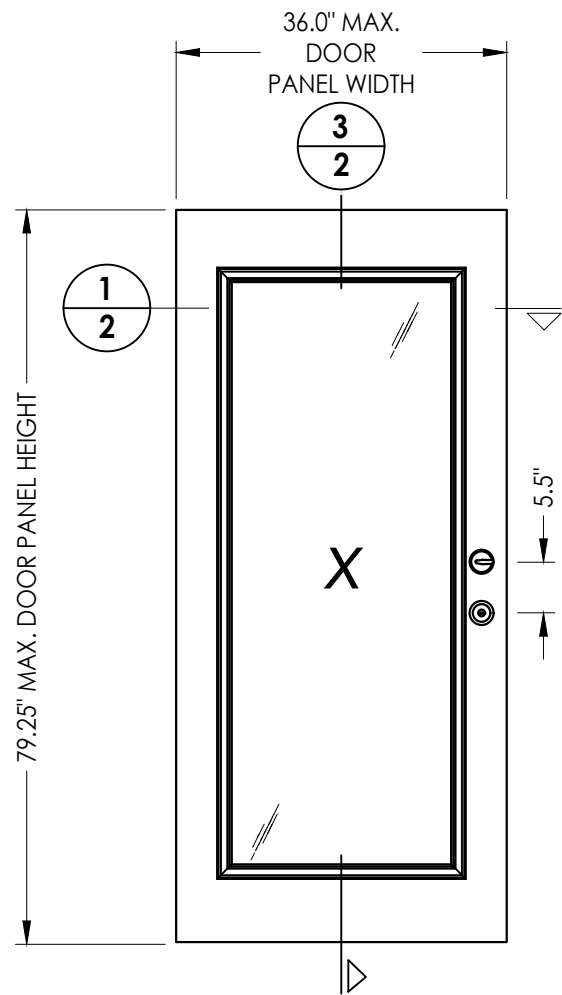
Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg



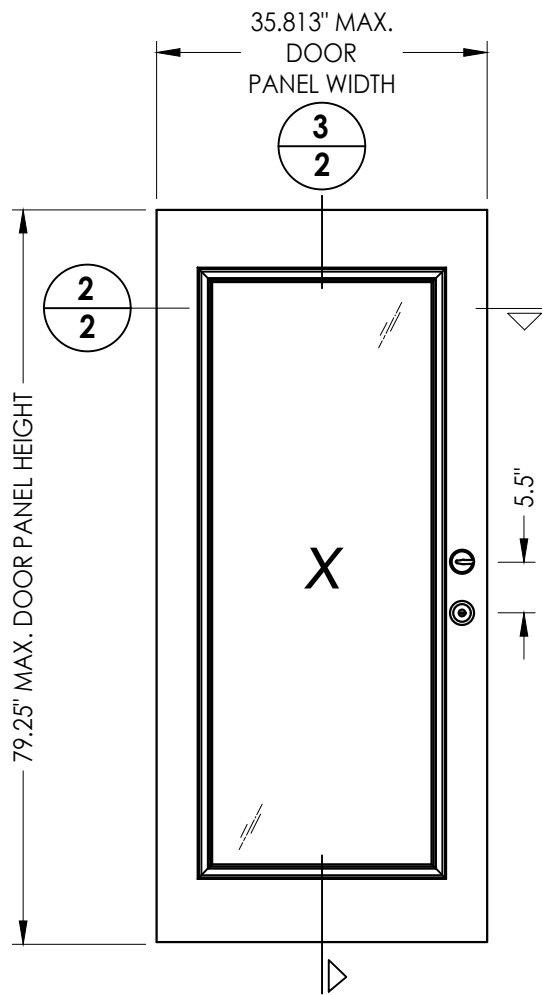
1
2 HORIZONTAL CROSS SECTION



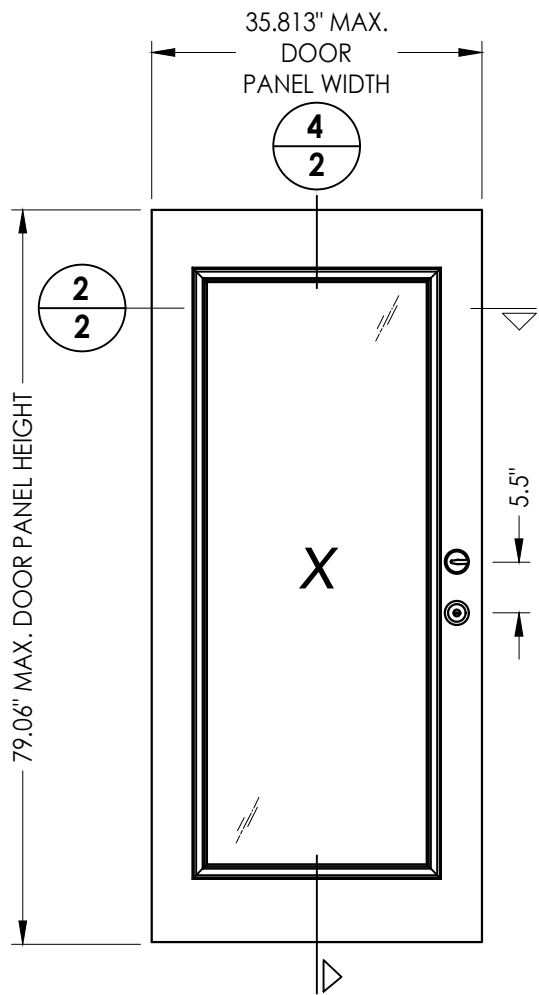
2
2 HORIZONTAL CROSS SECTION



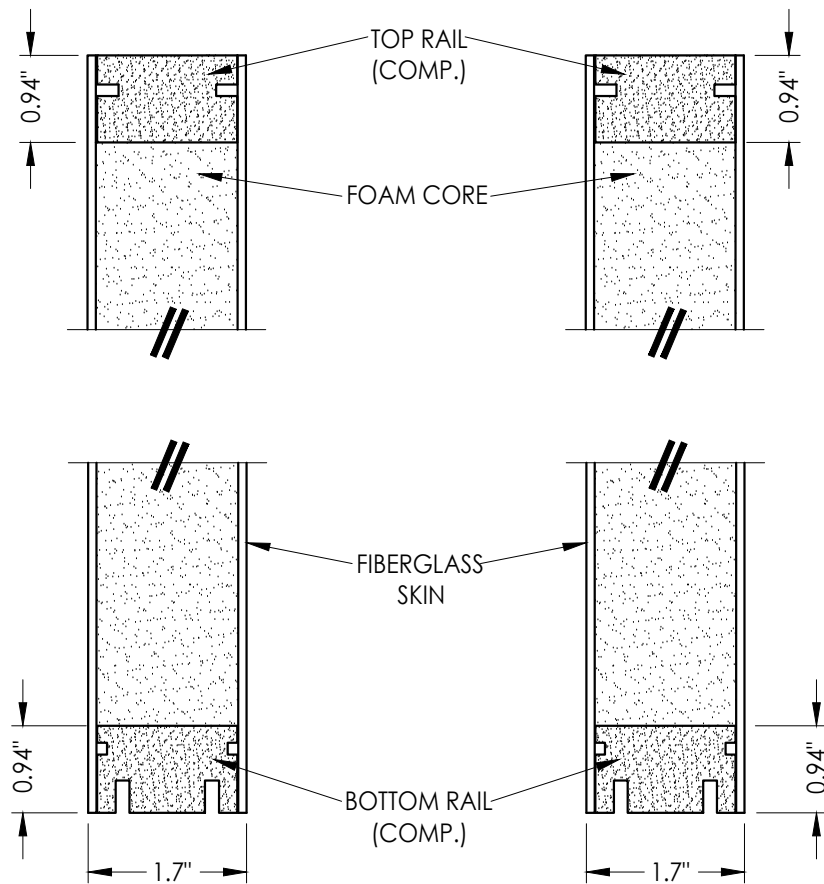
40 DOOR PANEL
BOOK



41 DOOR PANEL
Hybrid Door



42 DOOR PANEL
U1 Door



3
2 VERTICAL CROSS SECTION

4
2 VERTICAL CROSS SECTION

"Classic-Craft" SERIES DOOR PANEL

FIBERGLASS DOOR SKIN: 0.095" MIN. THK.

FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)

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:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/05/20	UPDATE TO 7th ED (2020) FBC LFS
		BY

DATE: 4/02/20

SCALE: N.T.S.

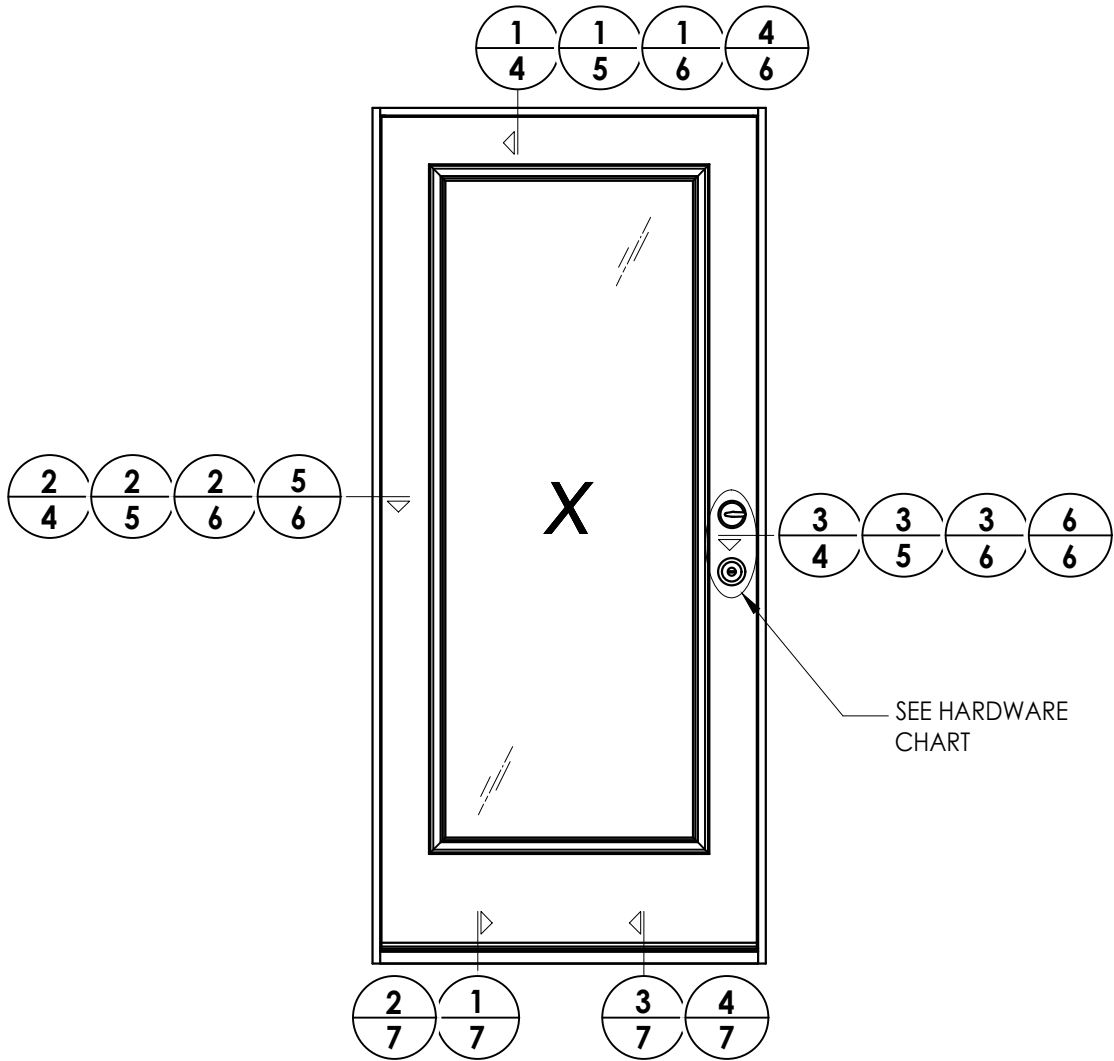
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-23955.13

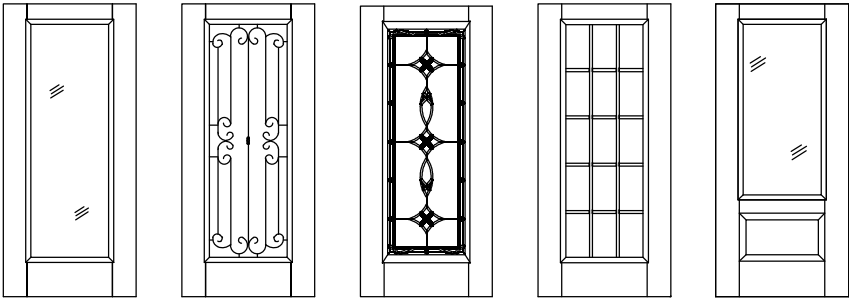
SHEET 2 OF 11

Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg



SEE HARDWARE
CHART

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)

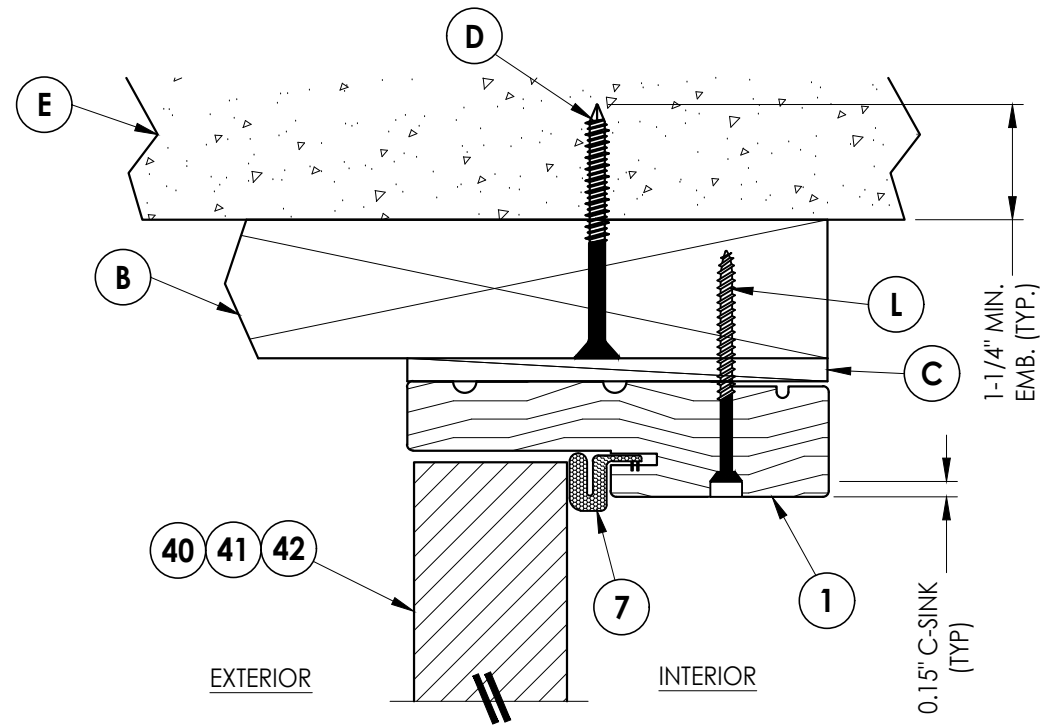


Classic-Craft Door Panel Options

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

DATE: 4/02/20		PRODUCT: THERMA-TRU FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: ELEVATIONS		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: RW		REVISIONS			
CHK. BY: LFS					
DRAWING NO.: FL-23955.13					
SHEET 3 OF 11					

1-1/4" MIN.
EMB. (TYP.)



1.15" MIN.
EMB. (TYP.)

0.15" C-SINK
(TYP)

INTERIOR

EXTERIOR

40 41 42 27 1 L

B C L D E

1-1/4" MIN.
EMB. (TYP.)

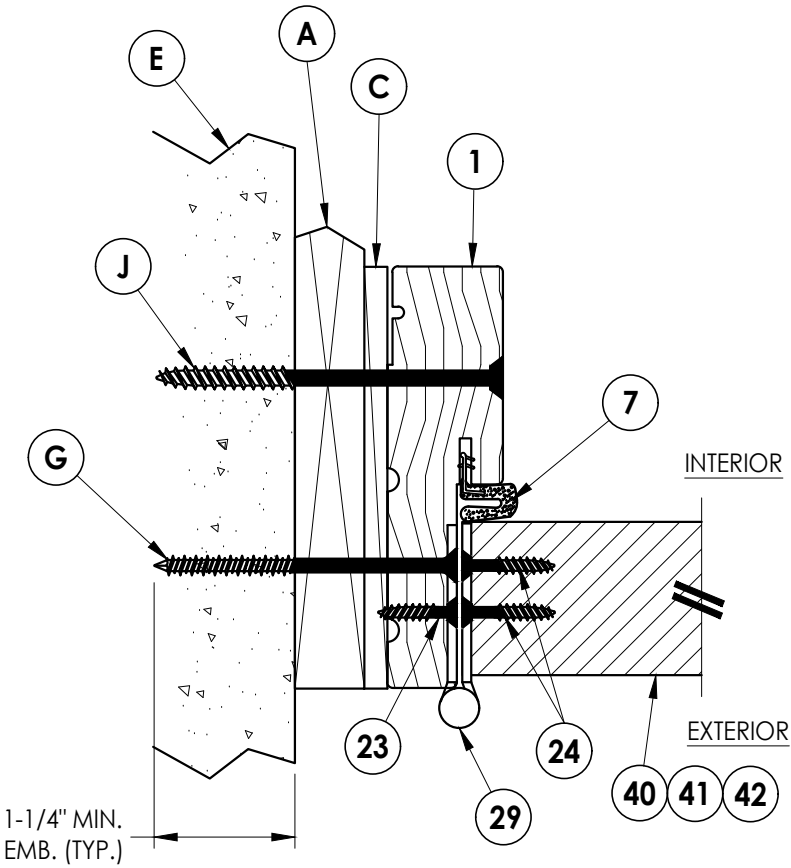
1-1/4" MIN.
EMB. (TYP.)

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

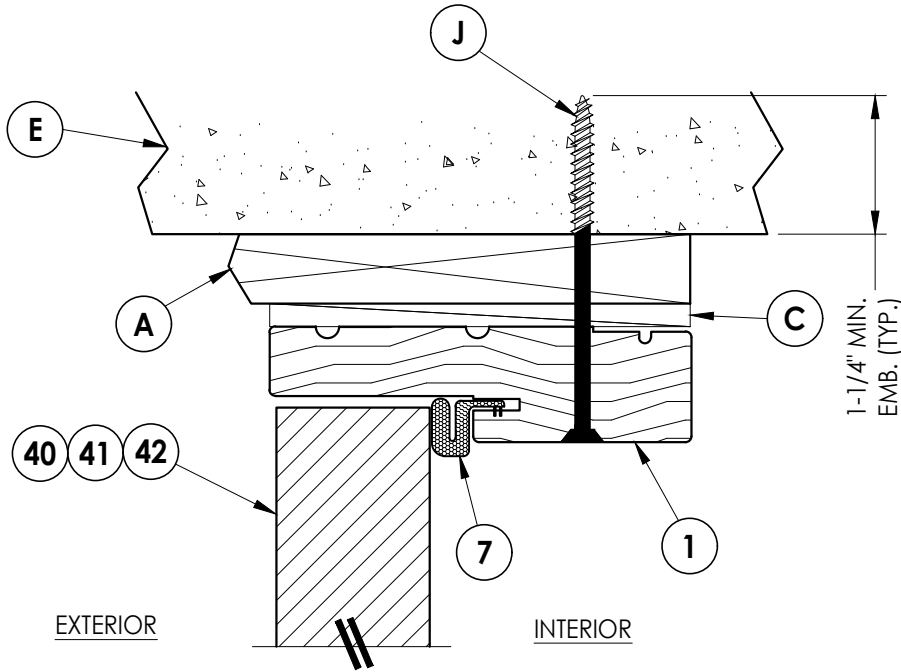
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

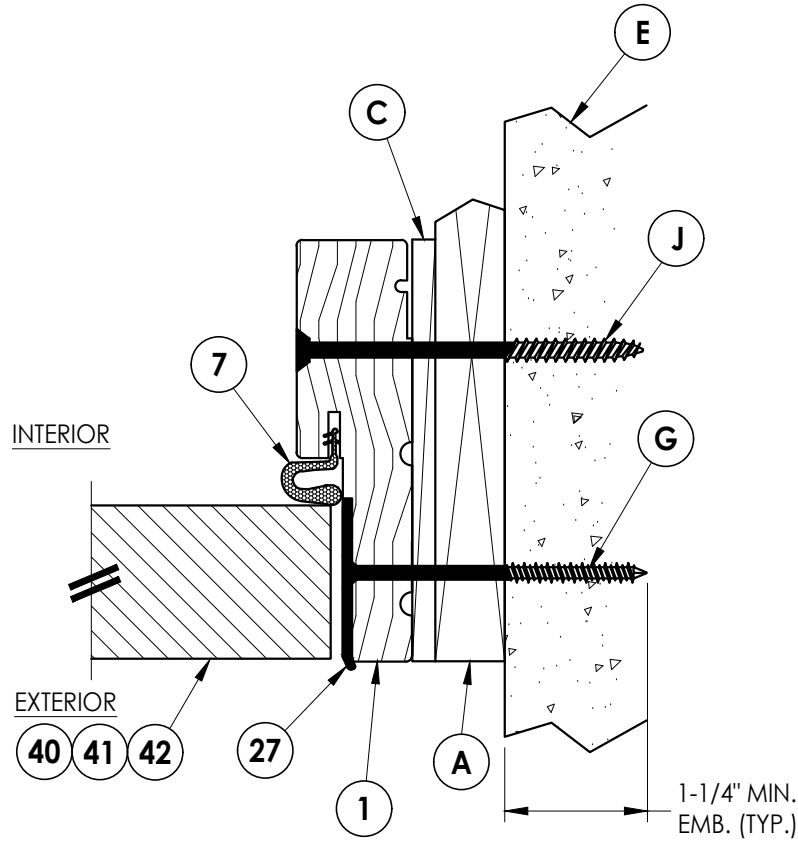
Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg



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)

REVISIONS			
NO.	DATE	BY	
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
2	8/22/23	UPDATE TO 8TH ED. (2023)	FBC LFS
1	8/05/20	UPDATE TO 7th ED (2020)	FBC LFS

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-23955.13

SHEET 5 OF 11

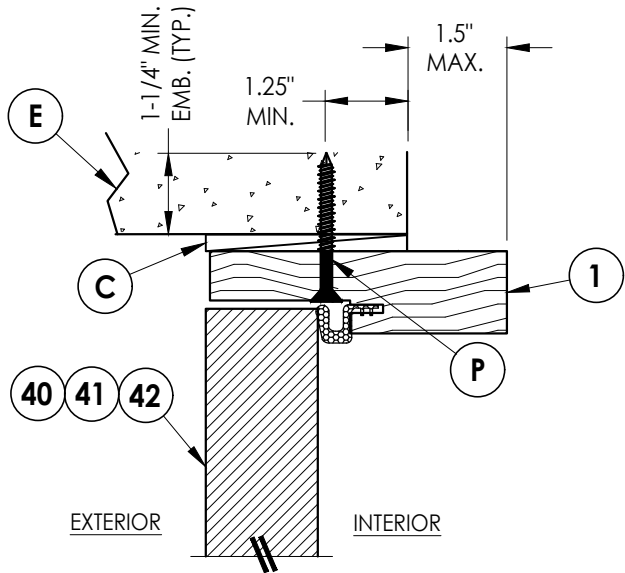
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

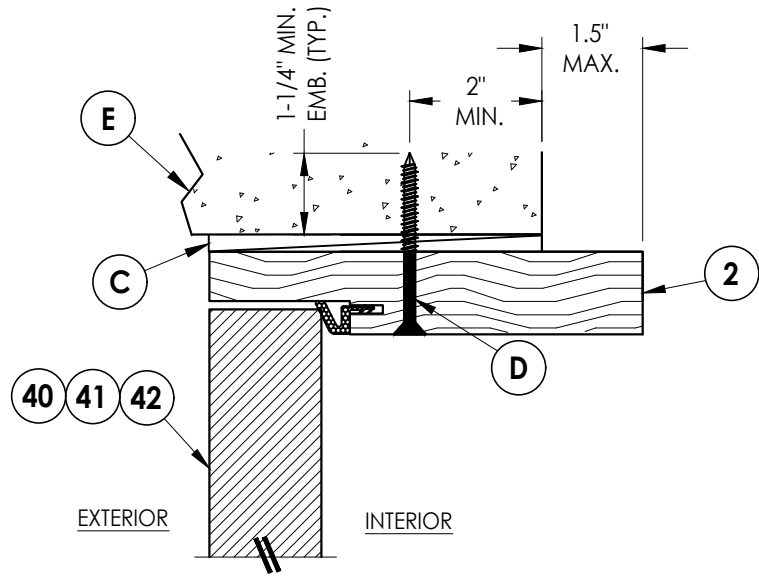
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg

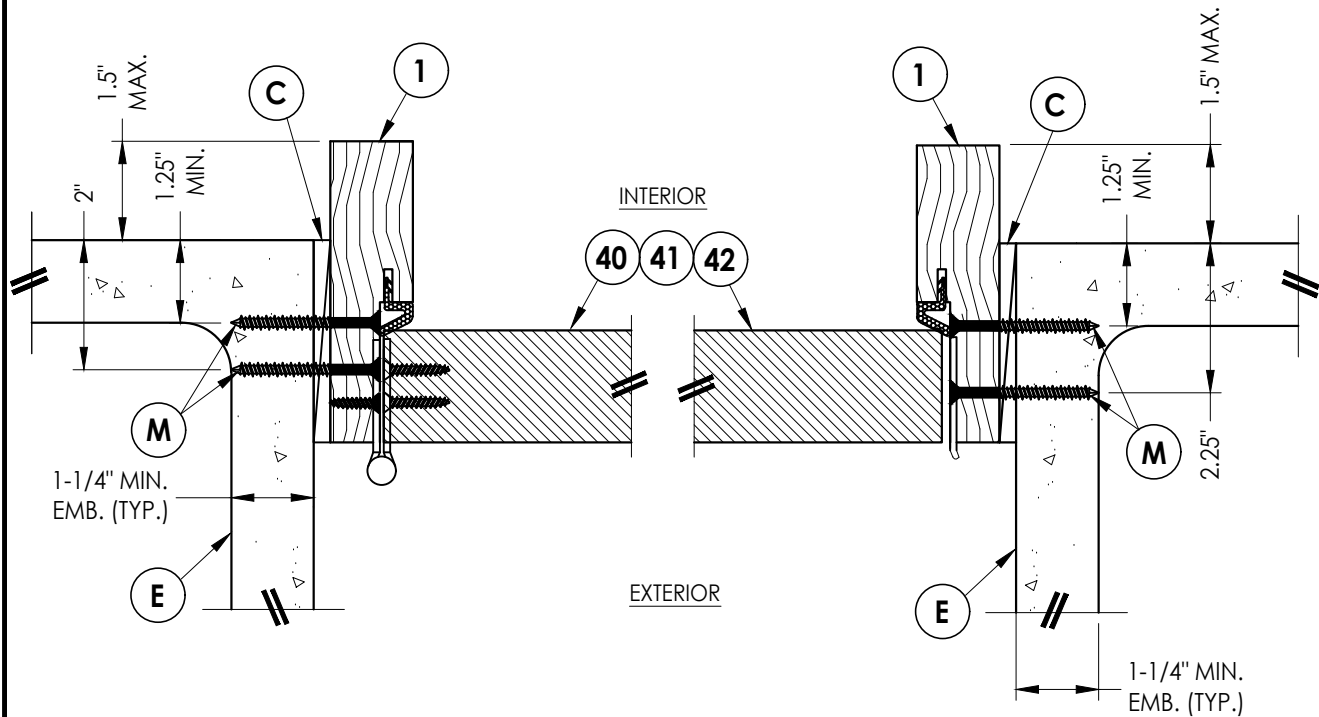


1
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



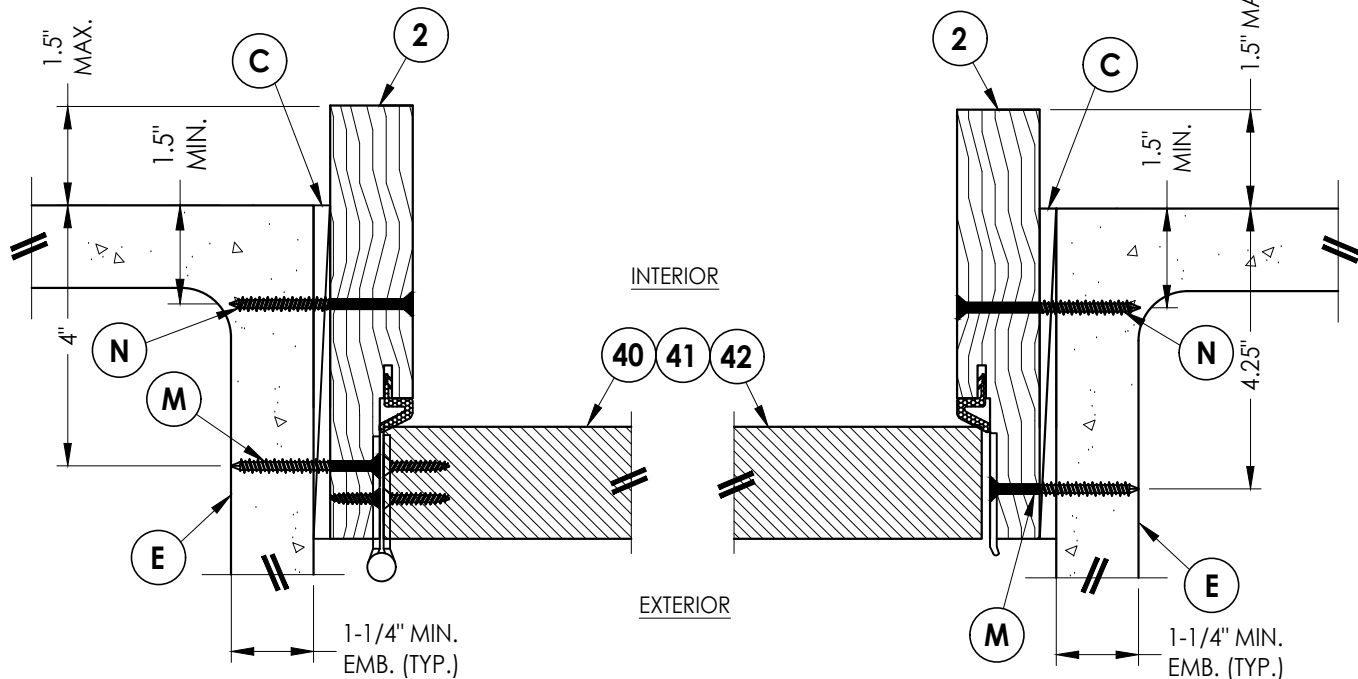
4
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

DIRECT TO MASONRY MAX. DESIGN PRESSURE:
± 55 PSF



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

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



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

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

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

R²W 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)

NO.	DATE	REVISIONS	BY
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS	
2	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS	
1	8/05/20	UPDATE TO 7th ED (2020) FBC LFS	

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: RW

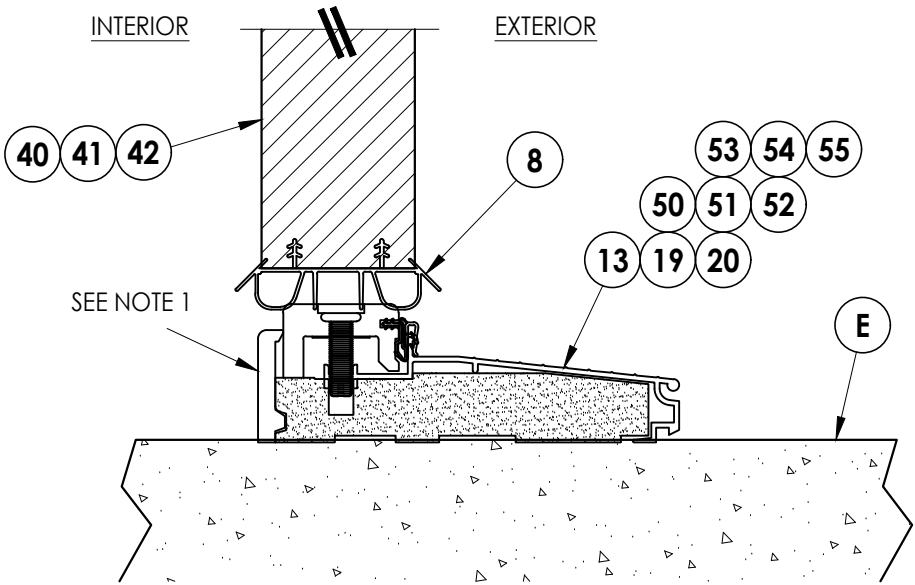
CHK. BY: LFS

DRAWING NO.:
FL-23955.13

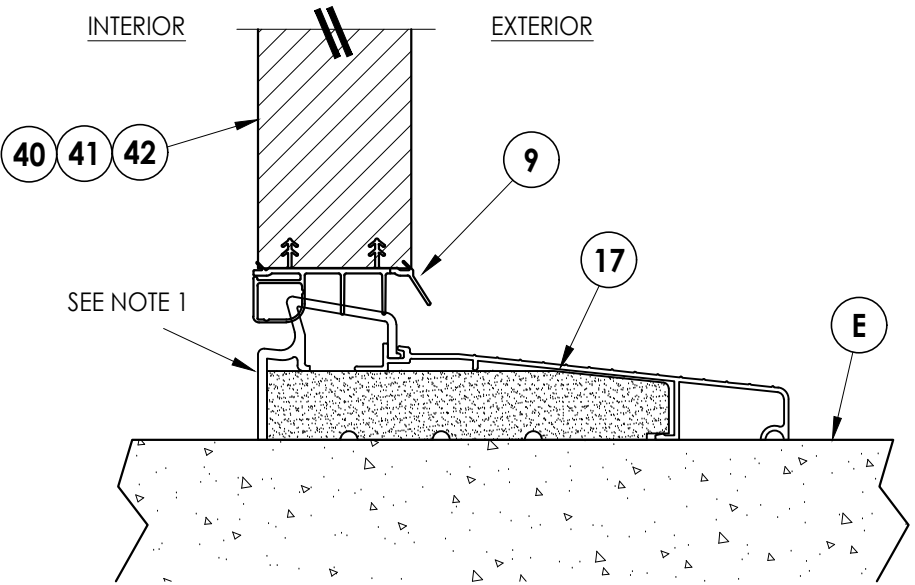
SHEET 6 OF 11

Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg

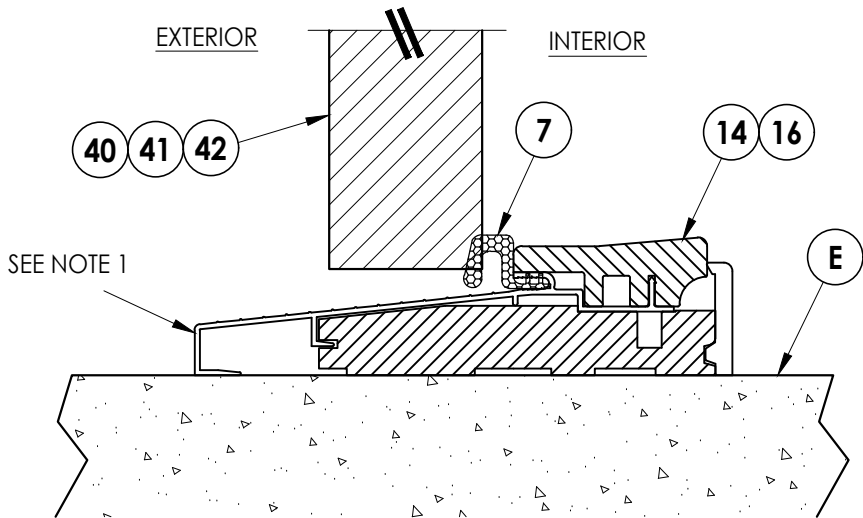
- Notes:
- 1. Sill Item #'s 13, 16, 17, 19, 20, 50, 51, 52, 53, 54 & 55 are attached to jambs w/ (3) #8 X 2-1/2" pph screws at each end.
 - Sill Item #'s 14 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
 - Sill Item # 18 is attached to jambs utilizing (4) #10 X 1-1/2" pph screws at each end.



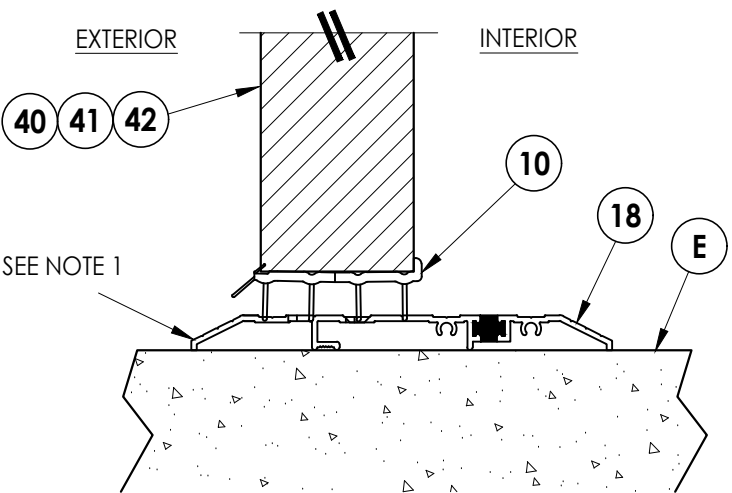
1
7 **VERTICAL CROSS SECTION**
Inswing Sill



2
7 **VERTICAL CROSS SECTION**
Inswing Sill



3
7 **VERTICAL CROSS SECTION**
Outswing Sill



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

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:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/05/20	UPDATE TO 7th ED (2020) FBC LFS

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

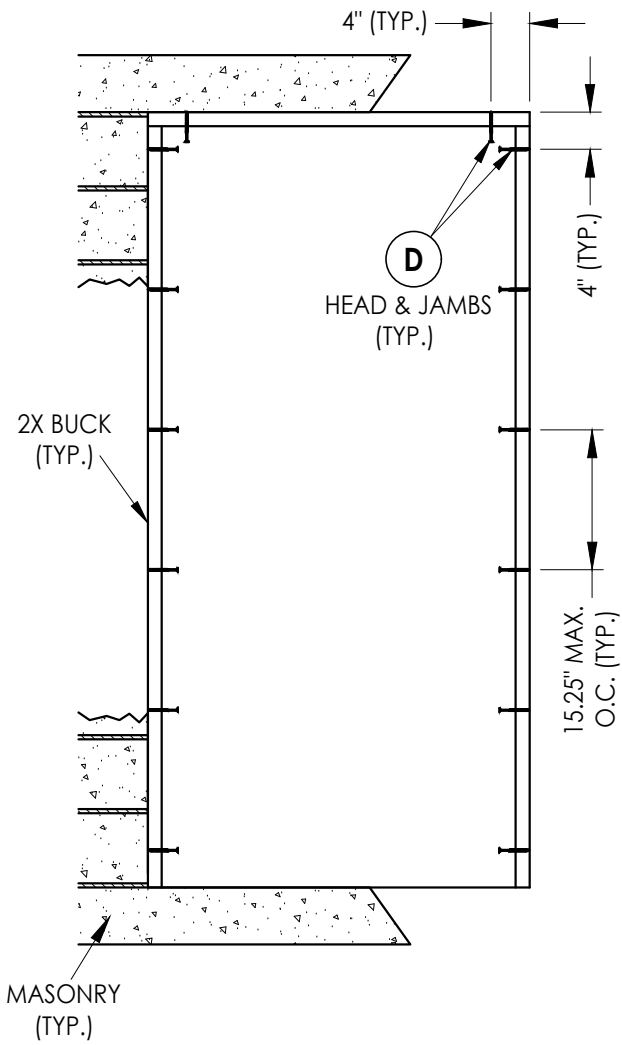
DRAWING NO.:

FL-23955.13

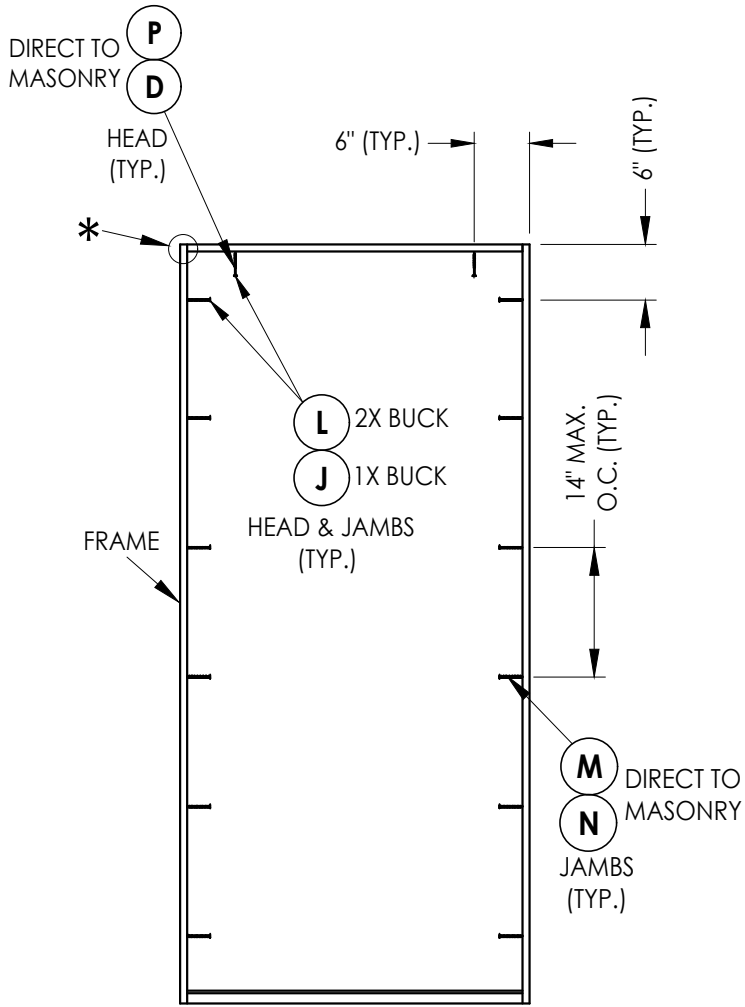
SHEET 7 OF 11

Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg

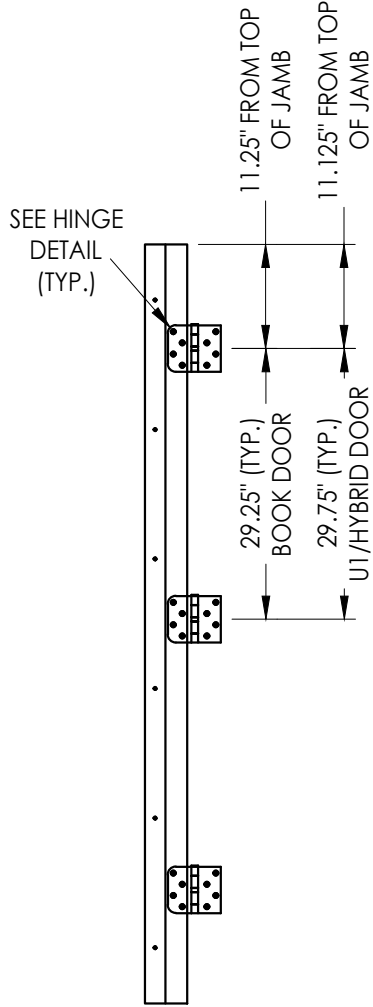
* NOTE: FRAME CORNERS @ HEAD ATTACHED TOGETHER w/ (3) #8 X 2-1/2" PFH WS (TYP.)



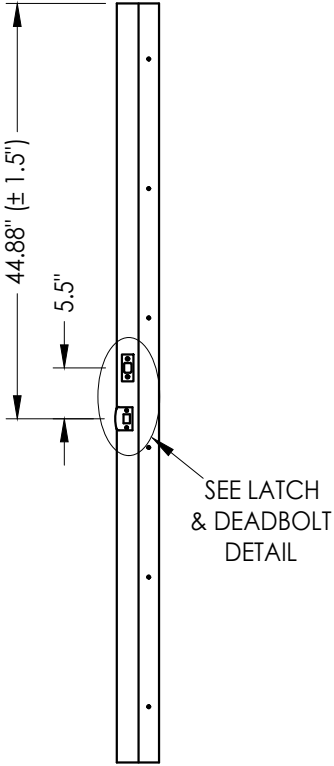
2X BUCK ANCHORING



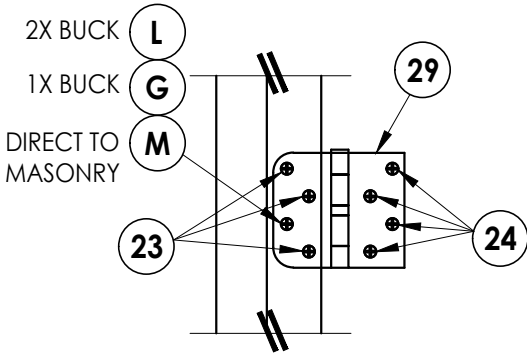
FRAME ANCHORING



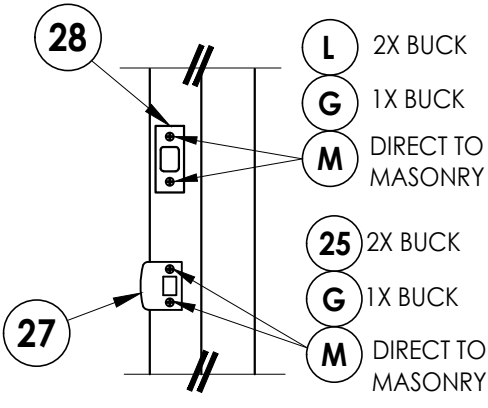
HINGE JAMB



STRIKE JAMB
Latch & Deadbolt

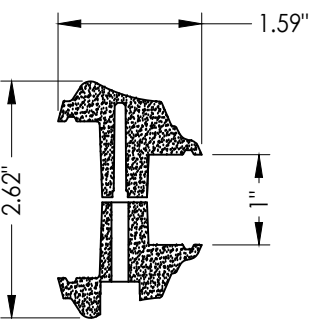
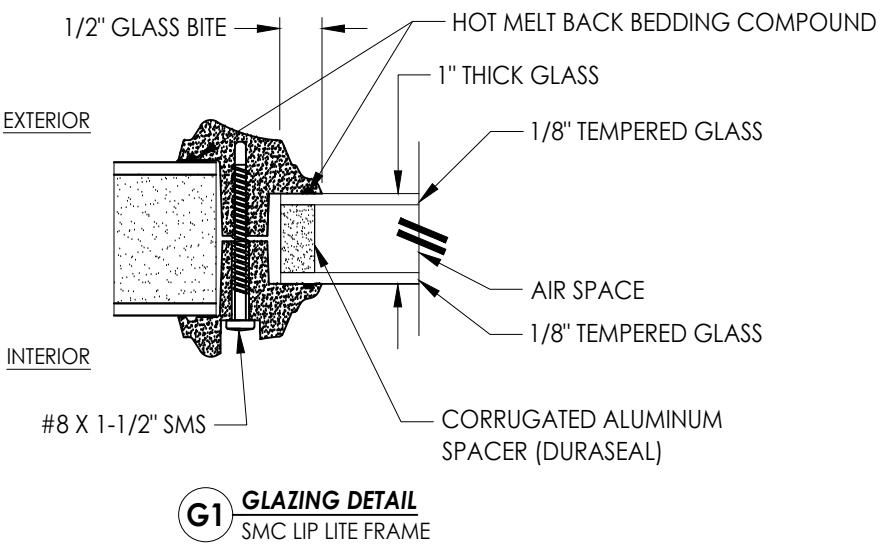
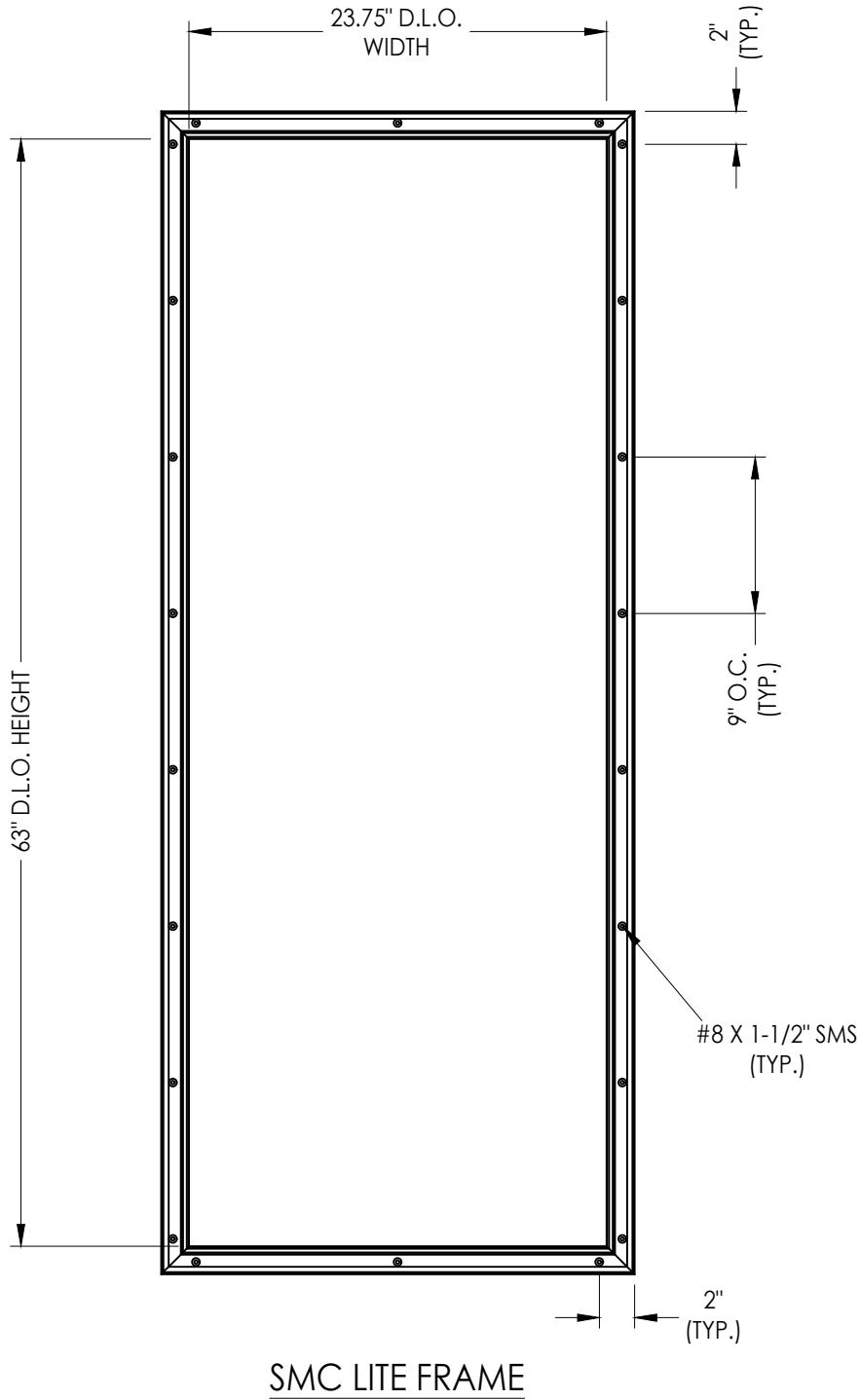


HINGE DETAIL



LATCH & DEADBOLT DETAIL

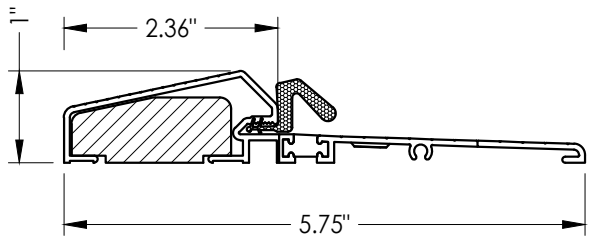
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: BUCK & FRAME ANCHORING			
				LFS	FBC	DATE	REVISIONS
				LFS	FBC	DATE	REVISIONS
				LFS	FBC	DATE	REVISIONS
				BY		DATE	REVISIONS
DATE: 4/02/20							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-23955.13							
SHEET 8 OF 11							



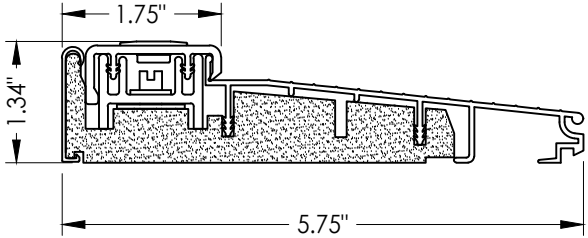
SMC FULL LITE FRAME

DATE: 4/02/20		DRAWING NO.: FL-23955.13		SHEET 9 OF 11	
SCALE: N.T.S.		DWG. BY: RW		CHK. BY: LFS	
3 7/01/26 UPDATE TO 9TH ED. (2026) FBC LFS		2 8/22/23 UPDATE TO 8TH ED. (2023) FBC LFS		1 8/05/20 UPDATE TO 7th ED (2020) FBC LFS	
NO.		DATE		REVISIONS	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY:		GLAZING DETAILS	
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			

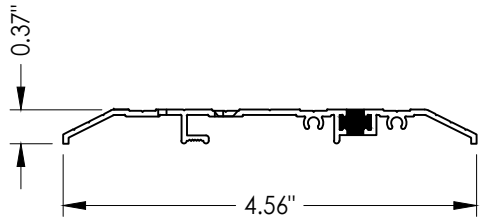
Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg



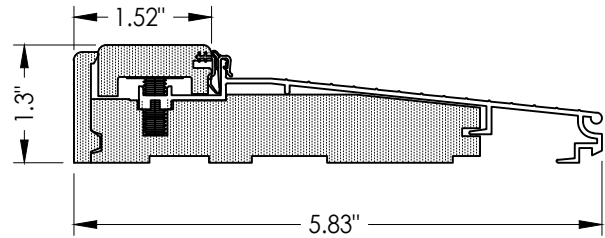
14 **OUTSWING THRESHOLD**



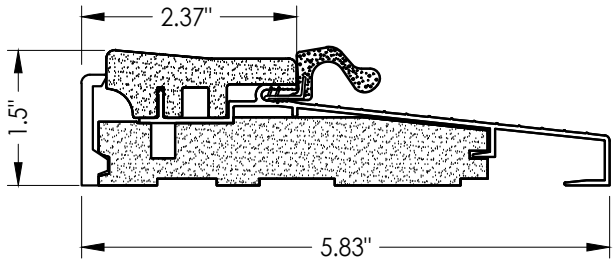
13 **INSWING THRESHOLD**
Adjustable



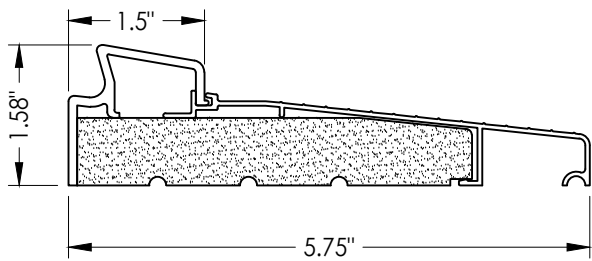
18 **PUBLIC ACCESS THRESHOLD**



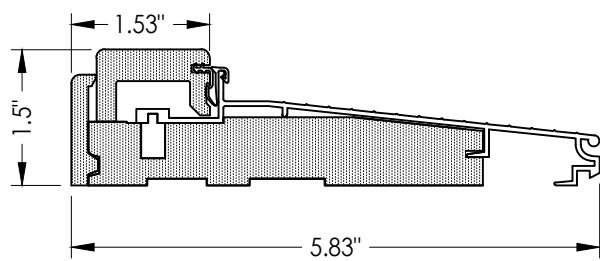
19 **INSWING THRESHOLD**
Adjustable



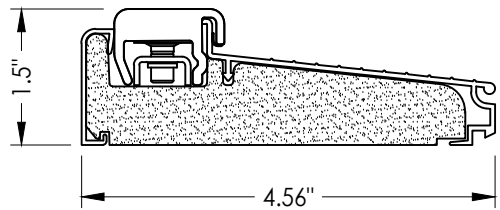
16 **OUTSWING THRESHOLD**



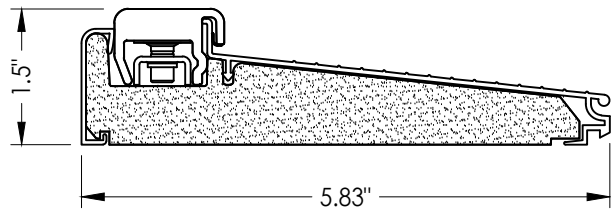
17 **INSWING THRESHOLD**
Basic Fixed



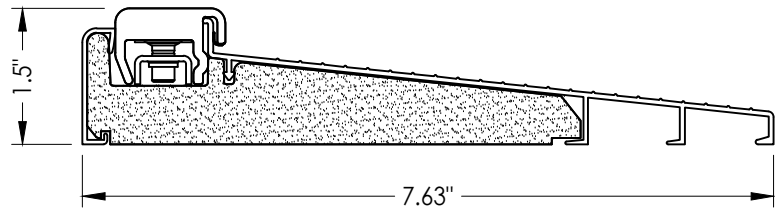
20 **INSWING THRESHOLD**
Adjustable



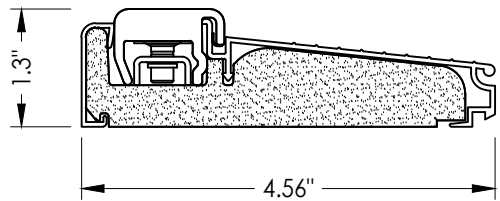
50 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
Book, Hybrid



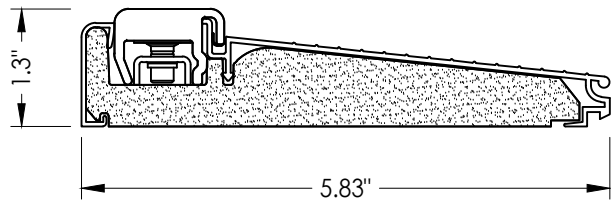
51 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
Book, Hybrid



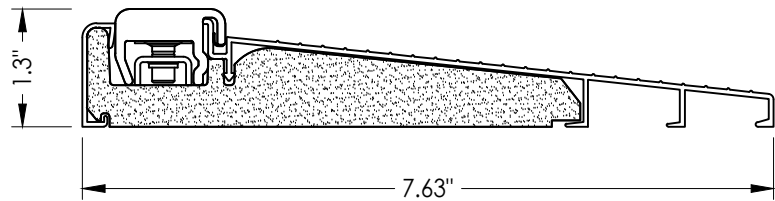
52 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
Book, Hybrid



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, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS			
		BY	LFS	FBC	
3	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
2	8/22/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
1	8/05/20	UPDATE TO 7th ED	(2020)	FBC	LFS

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-23955.13

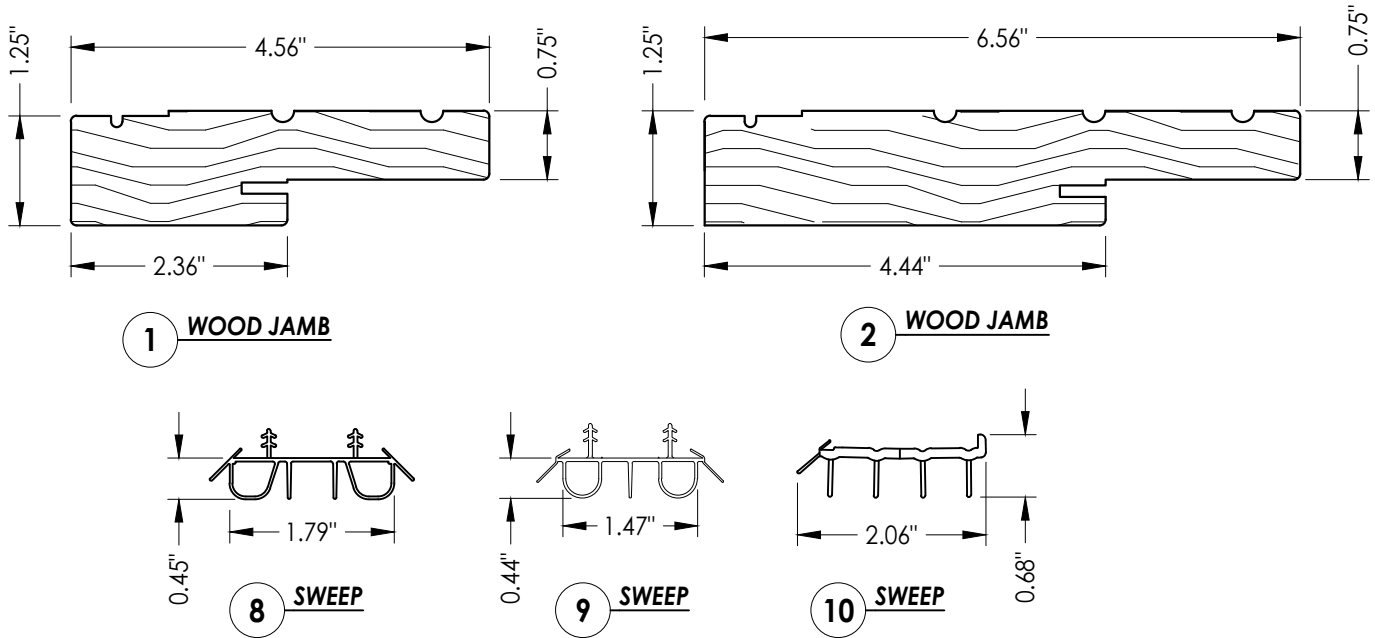
SHEET 10 OF 11

Z:\2023 FBC Drawings\Therma-Tru\FL-23955 R4\FL-23955.13-15.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-3/4" PFH DeWALT CONCRETE SCREW	STEEL
1	JAMB (FINGER JOINT PINE)	WOOD
2	JAMB (FINGER JOINT PINE)	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	SWEEP	VINYL
10	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
16	OUTSWING THRESHOLD	ALUM/COMP
17	INSWING THRESHOLD	ALUM/COMP
18	PUBLIC ACCESS THRESHOLD	ALUM
19	INSWING THRESHOLD	ALUM/COMP
20	INSWING THRESHOLD	ALUM/COMP
23	#10 X 3/4" PFH WOOD SCREW	STEEL
24	#10 X 1" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL

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

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
40	DOOR PANEL (BOOK DOOR)	-
41	DOOR PANEL (HYBRID DOOR)	-
42	DOOR PANEL (U1 DOOR)	-
50	INSWING THRESHOLD	ALUM/COMP
51	INSWING THRESHOLD	ALUM/COMP
52	INSWING THRESHOLD	ALUM/COMP
53	INSWING THRESHOLD	ALUM/COMP
54	INSWING THRESHOLD	ALUM/COMP
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

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:
BILL OF MATERIALS

REVISIONS			
NO.	DATE	BY	
3	7/01/26	LFS	UPDATE TO 9TH ED. (2026) FBC
2	8/22/23	LFS	UPDATE TO 8TH ED. (2023) FBC
1	8/05/20	LFS	UPDATE TO 7th ED (2020) FBC

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-23955.13

SHEET 11 OF 11