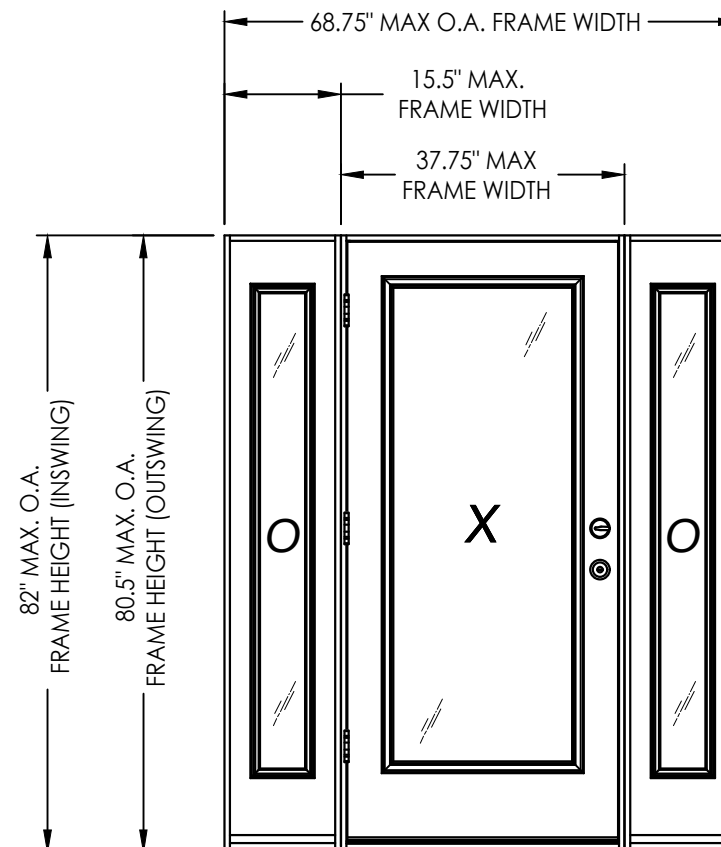
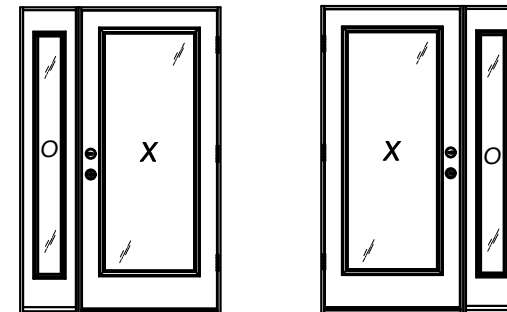


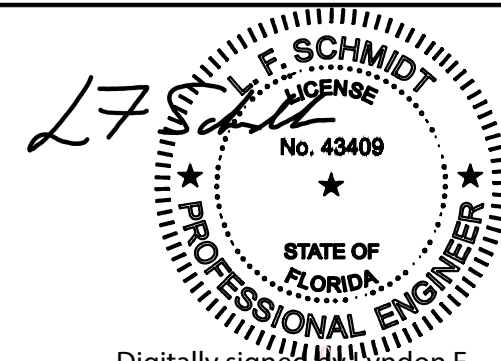
GENERAL NOTES

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	Sidelite Panel Details
4	Elevations
5	Horizontal Cross Sections (2X Buck)
6	Vertical Cross Sections (2X Buck)
7	Horizontal & Vertical Cross Sections (1X Buck)
8	Vertical Cross Sections (Thresholds)
9	Buck Anchoring
10	Frame Anchoring
11	Door Glazing Details
12	Components
13	Bill of Materials



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO, OXO	+40.0	-40.0	+40.0	-40.0



Digitally signed by Lyndon F

Schmidt

Date: 2026.08.08 09:31:24 -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

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:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

[illegible]

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: *RW*

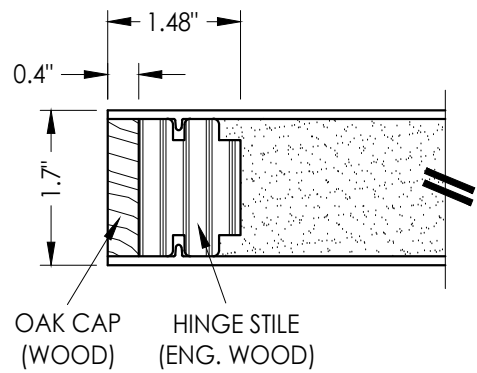
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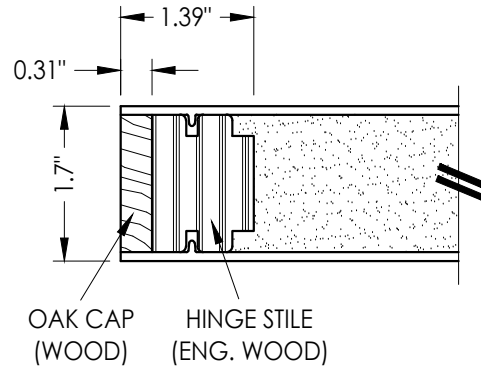
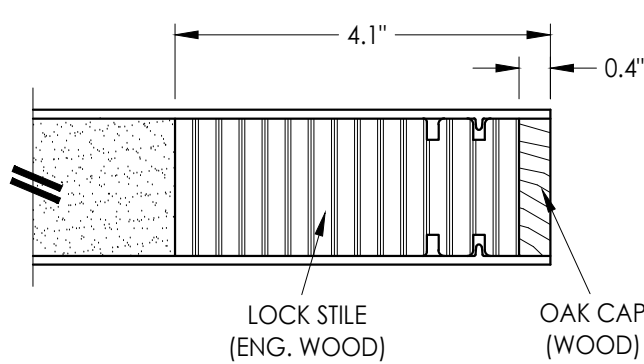
FL-23955.14

SHEET 1 OF 13

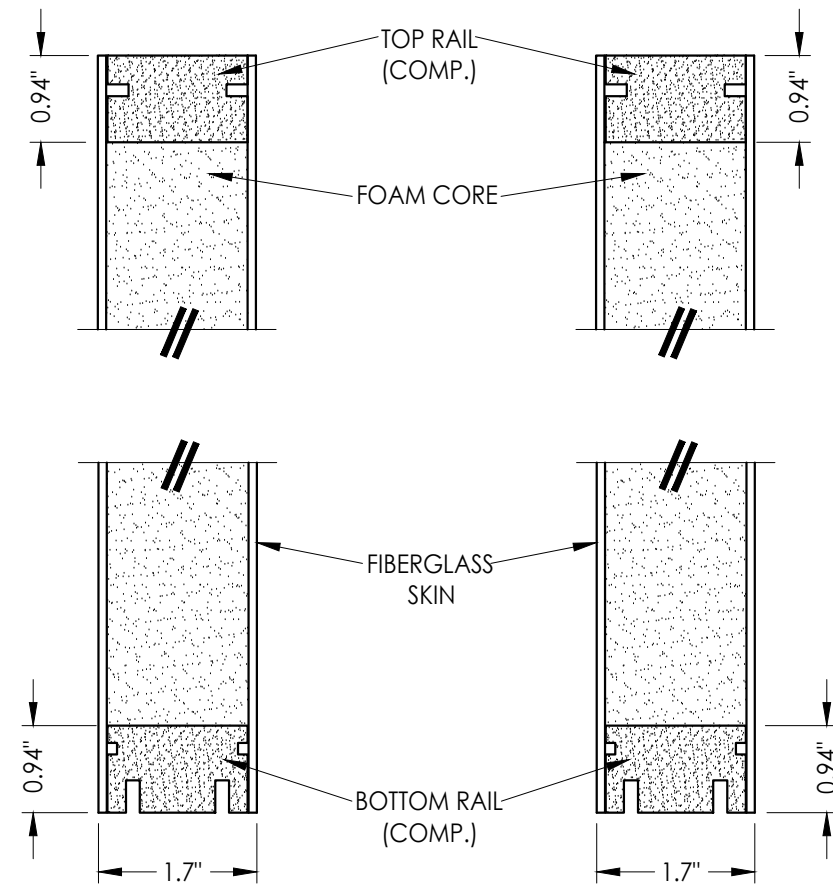
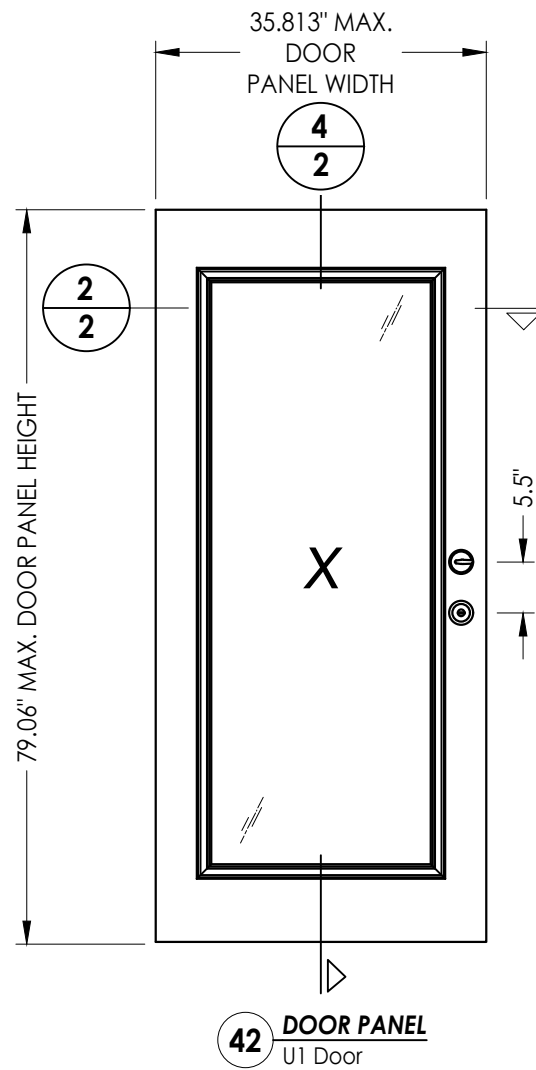
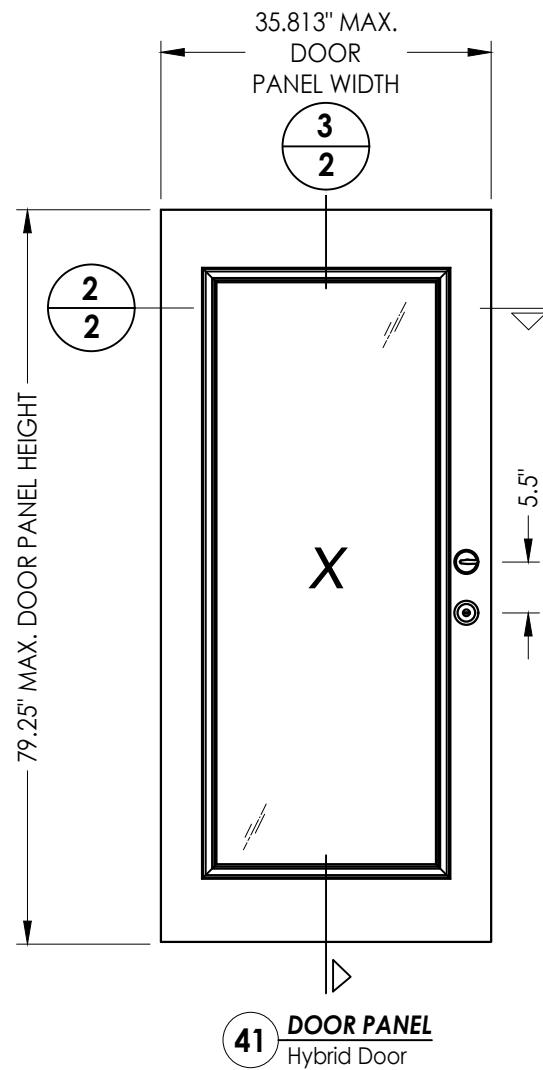
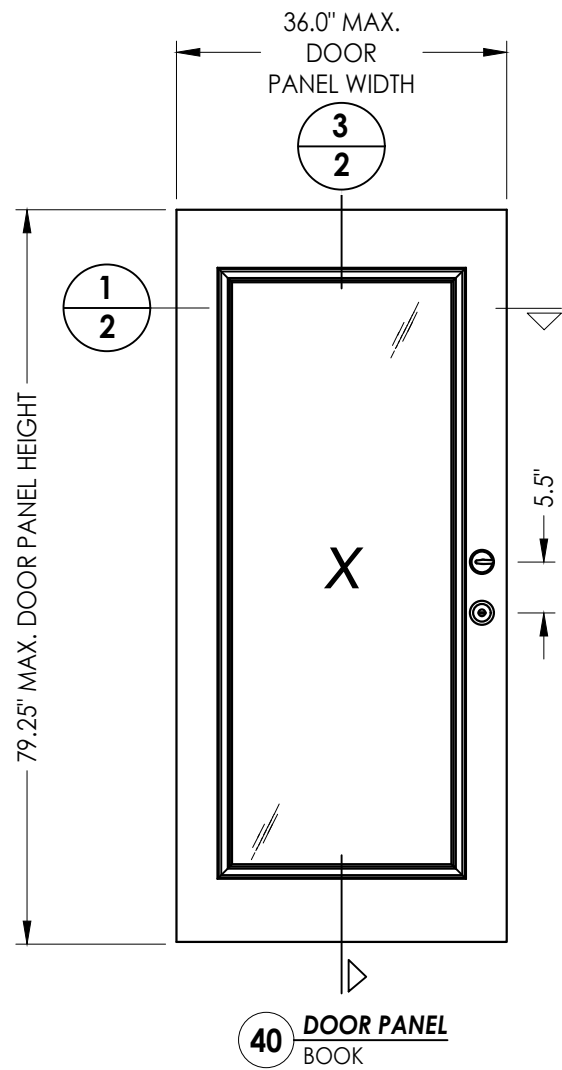
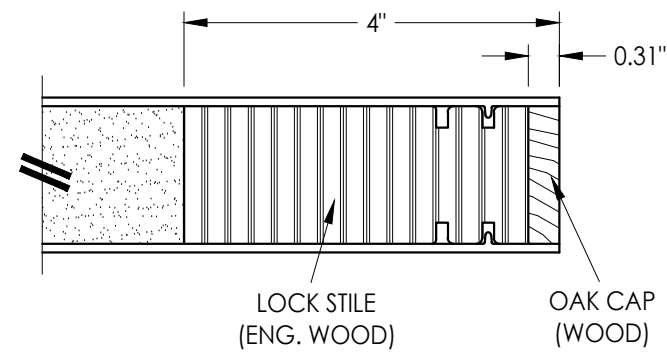
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1
2 HORIZONTAL CROSS SECTION



2
2 HORIZONTAL CROSS SECTION



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
2	8/22/23	UPDATE TO 8TH ED. (2023) FBC
1	8/05/20	UPDATE TO 7th ED (2020) FBC
BY		

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: RW

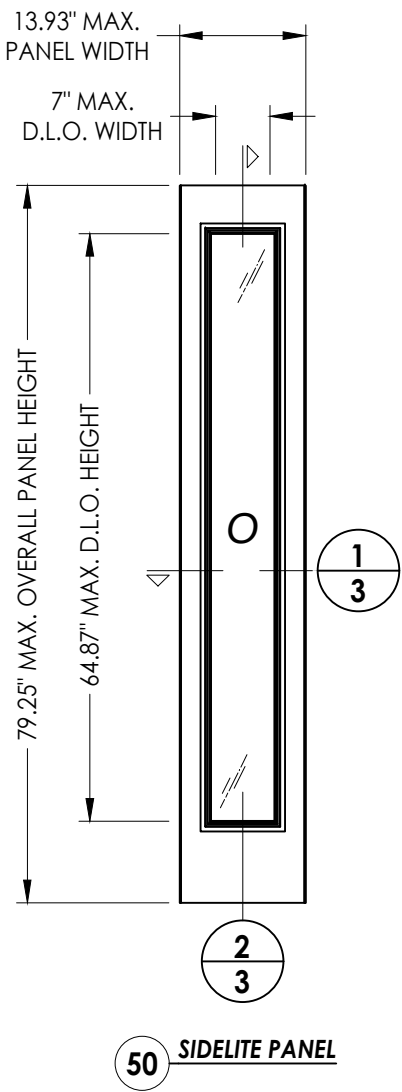
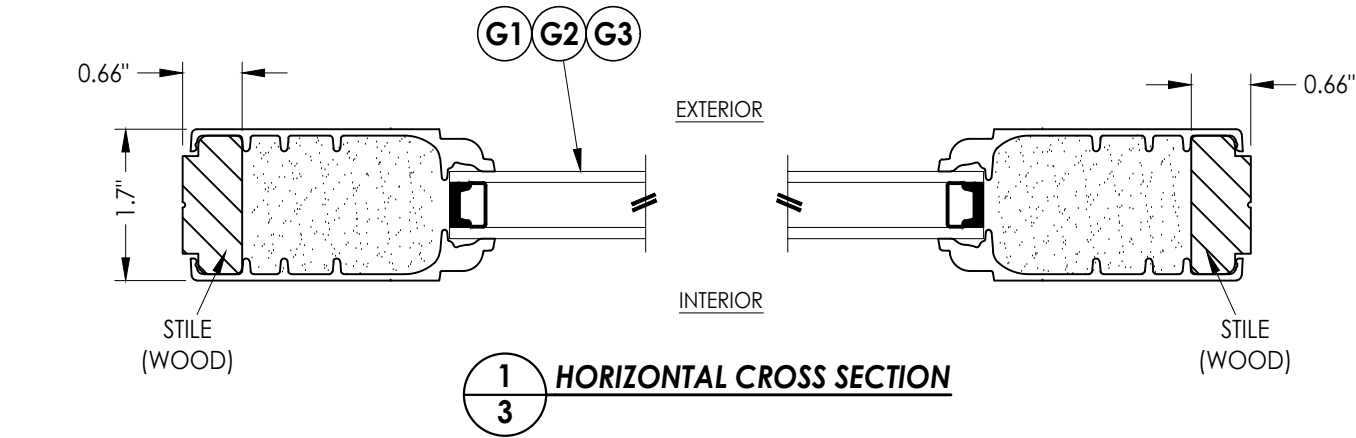
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DRAWING NO.:

FL-23955.14

SHEET 2 OF 13

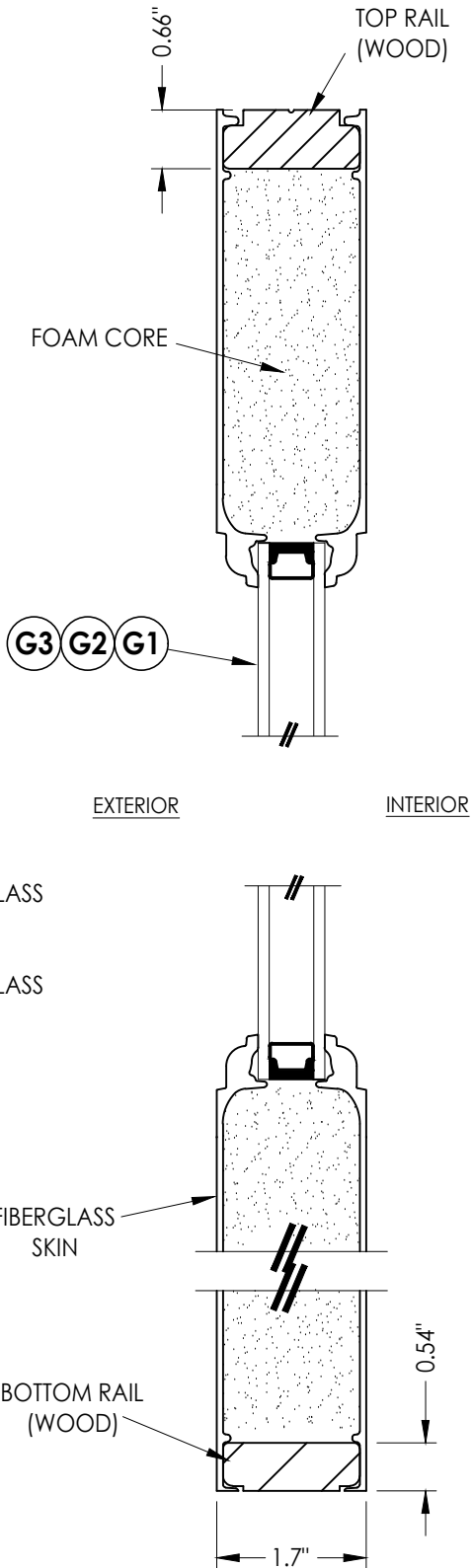
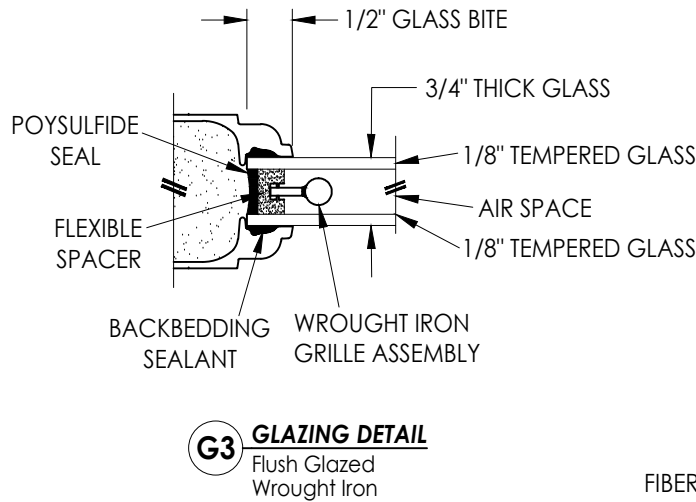
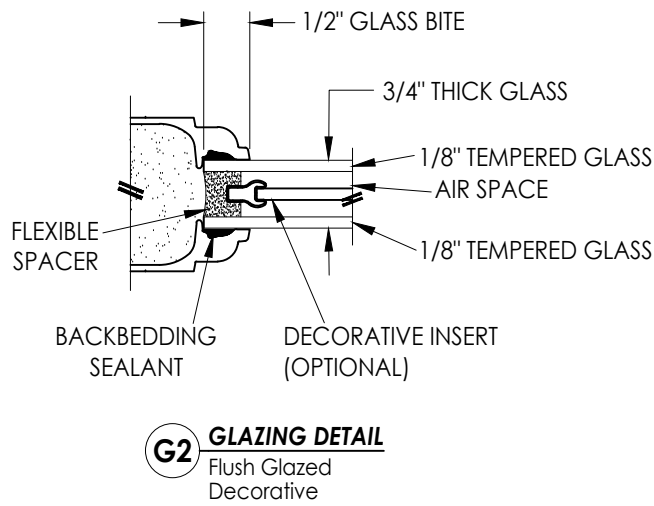
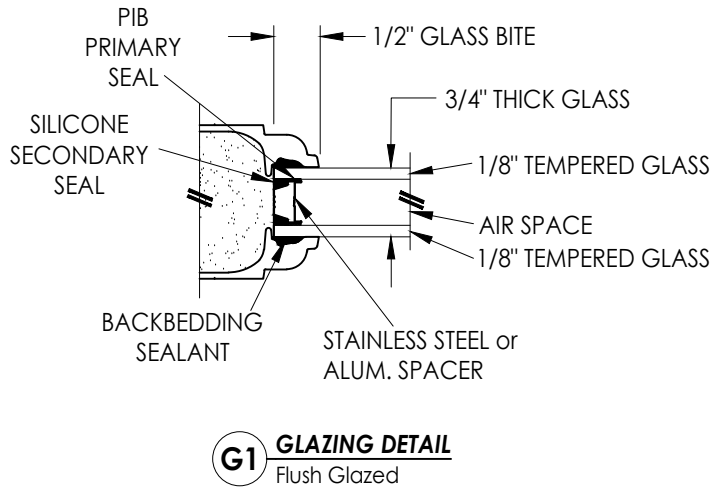
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SIDELITE PANEL

FIBERGLASS SKIN: 0.070" 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:
SIDELITE 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

DATE: 4/02/20

SCALE: N.T.S.

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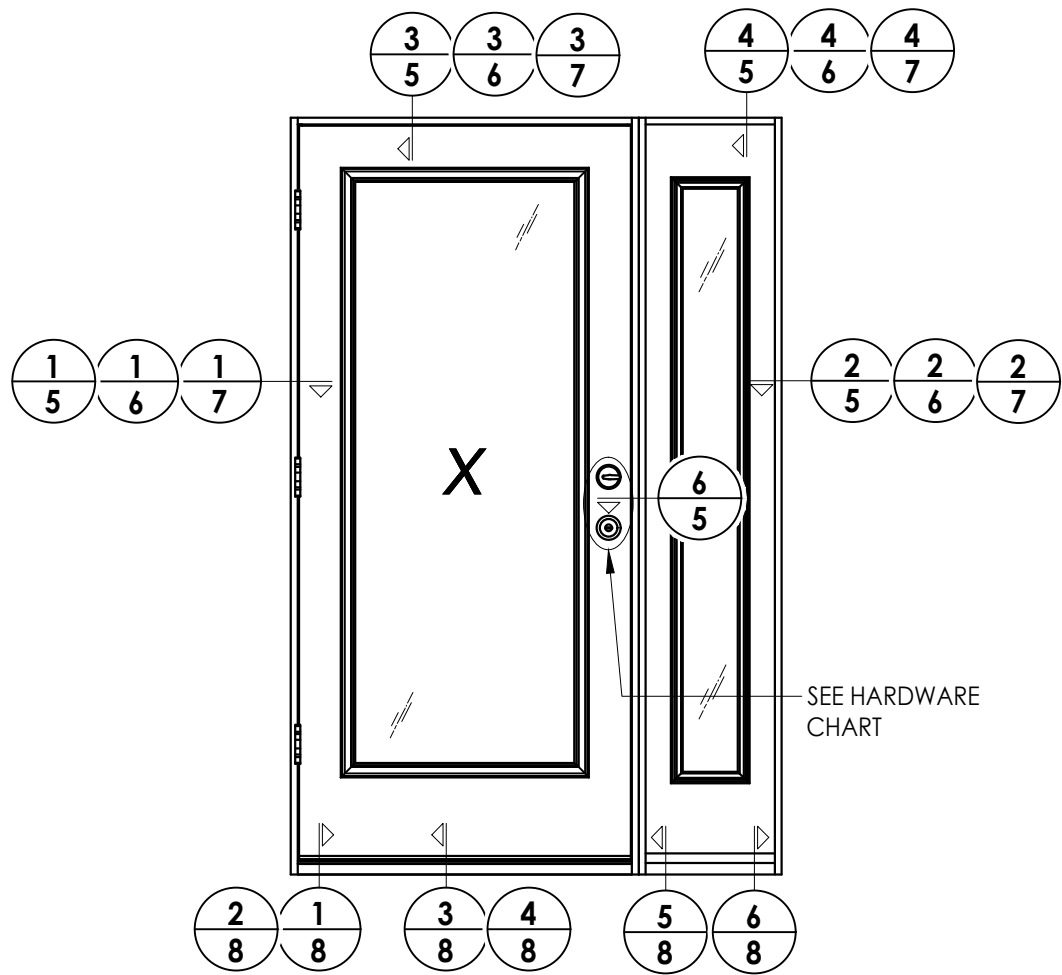
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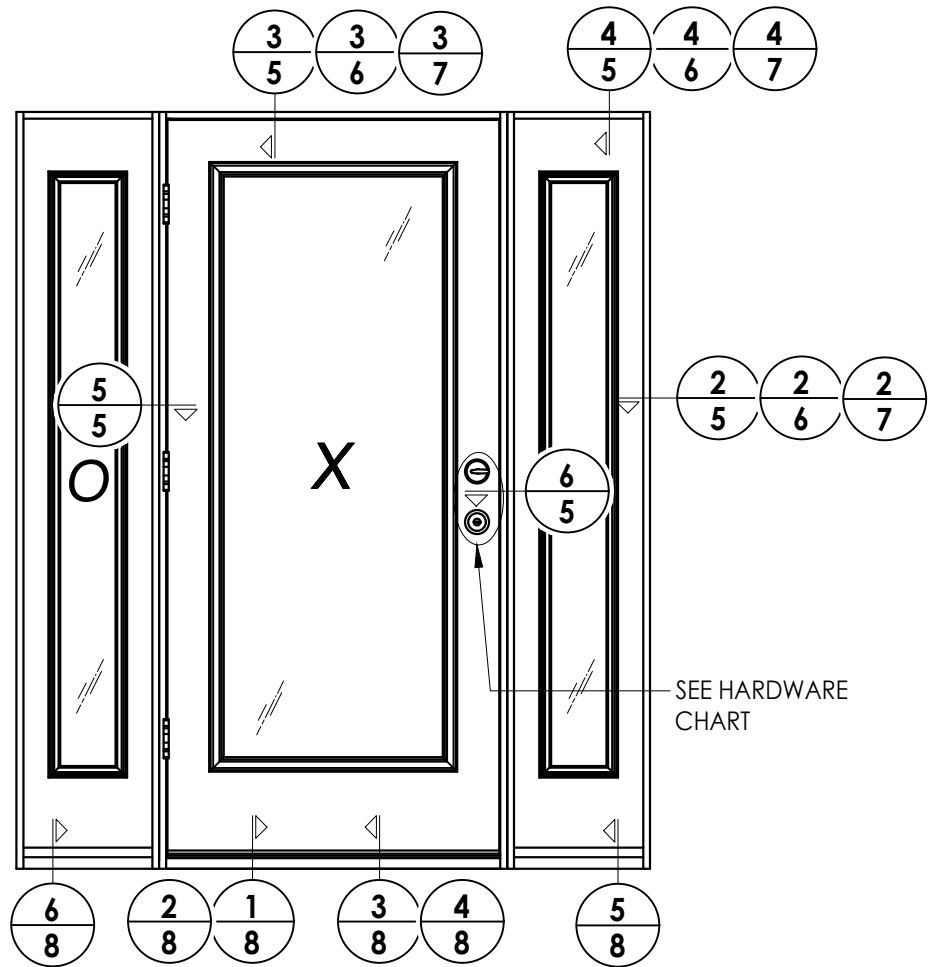
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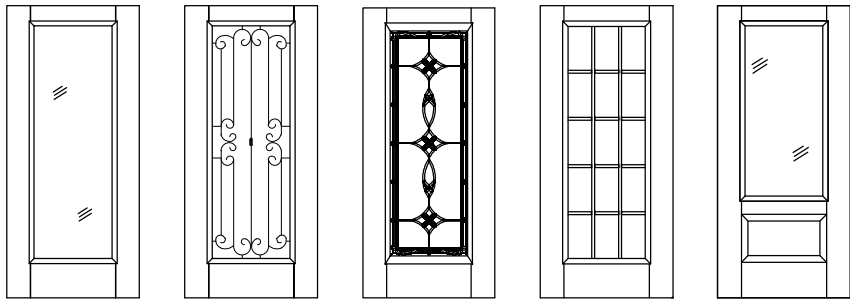
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ELEVATION
XO



ELEVATION
OXO



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.

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

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
NO.	DATE	REVISIONS	
		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-23955.14			
SHEET 4 OF 13			

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

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Note:
1. Sidelite assembly screws located
7" from top and 14" from the bottom
then 2 more equally spaced (4 total).

1
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

2
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

3
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)

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

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

4
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)

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

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

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.

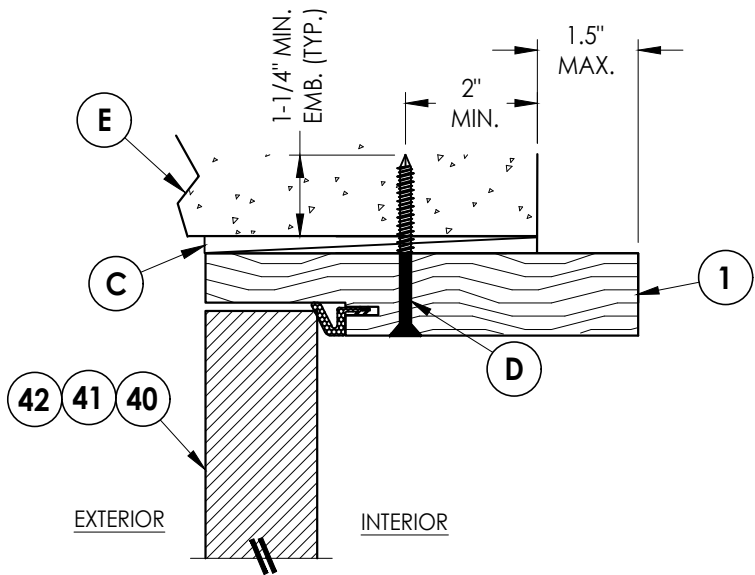
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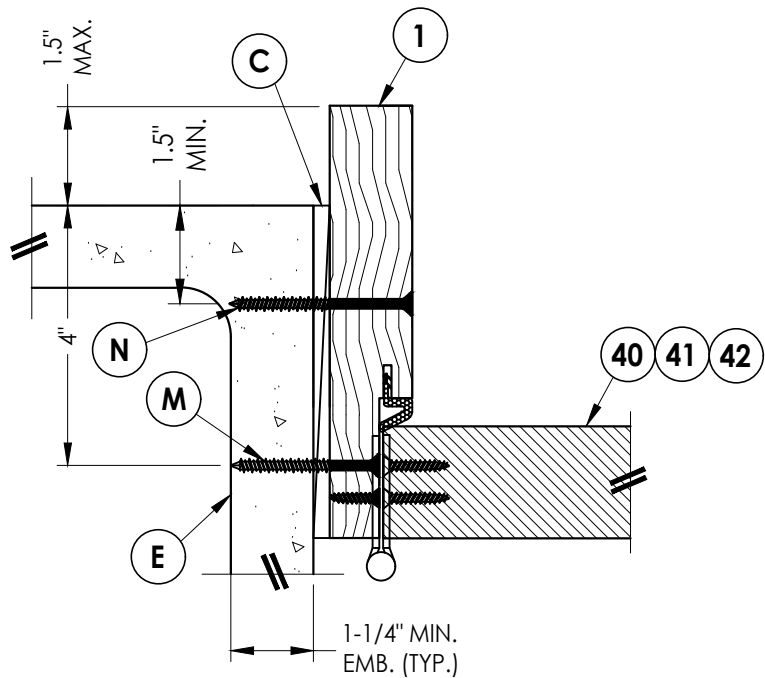
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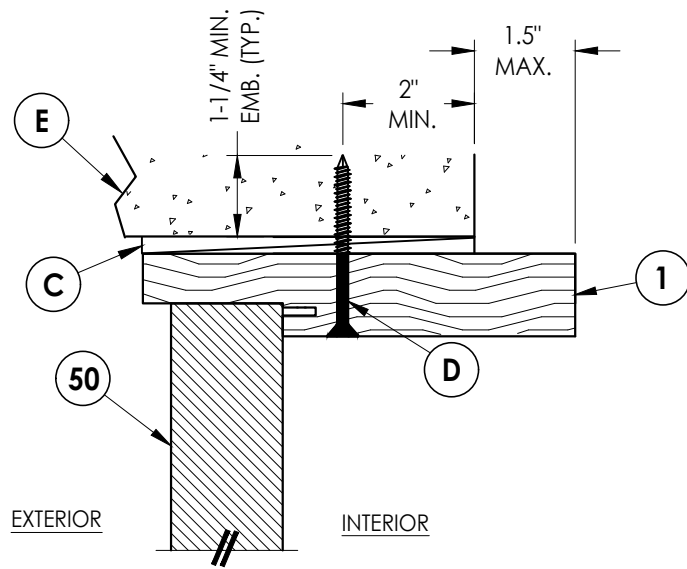


2 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

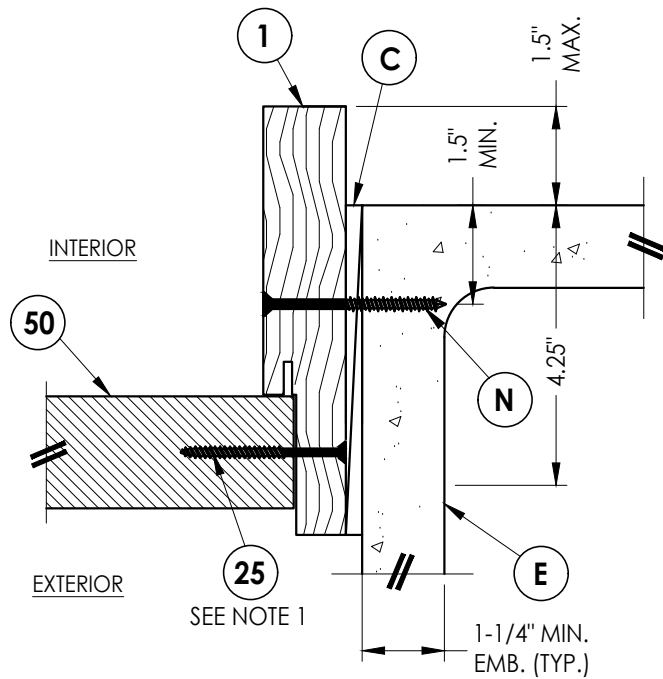
Note:
1. Sidelite assembly screws located
7" from top and 14" from the bottom
then 2 more equally spaced (4 total).



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



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



4 **VERTICAL CROSS SECTION**
7 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)

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
NO.	DATE	BY

DATE: 4/02/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-23955.14

SHEET 7 OF 13

1. Sill Item #'s 13, 16, 17, 19 & 20 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 14 & 15 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
Sill Item # 18 is attached to jambs utilizing (4) #10 X 1-1/2" pph screws at each end.

[illegible]



2X BUCK ANCHORING

[illegible]

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

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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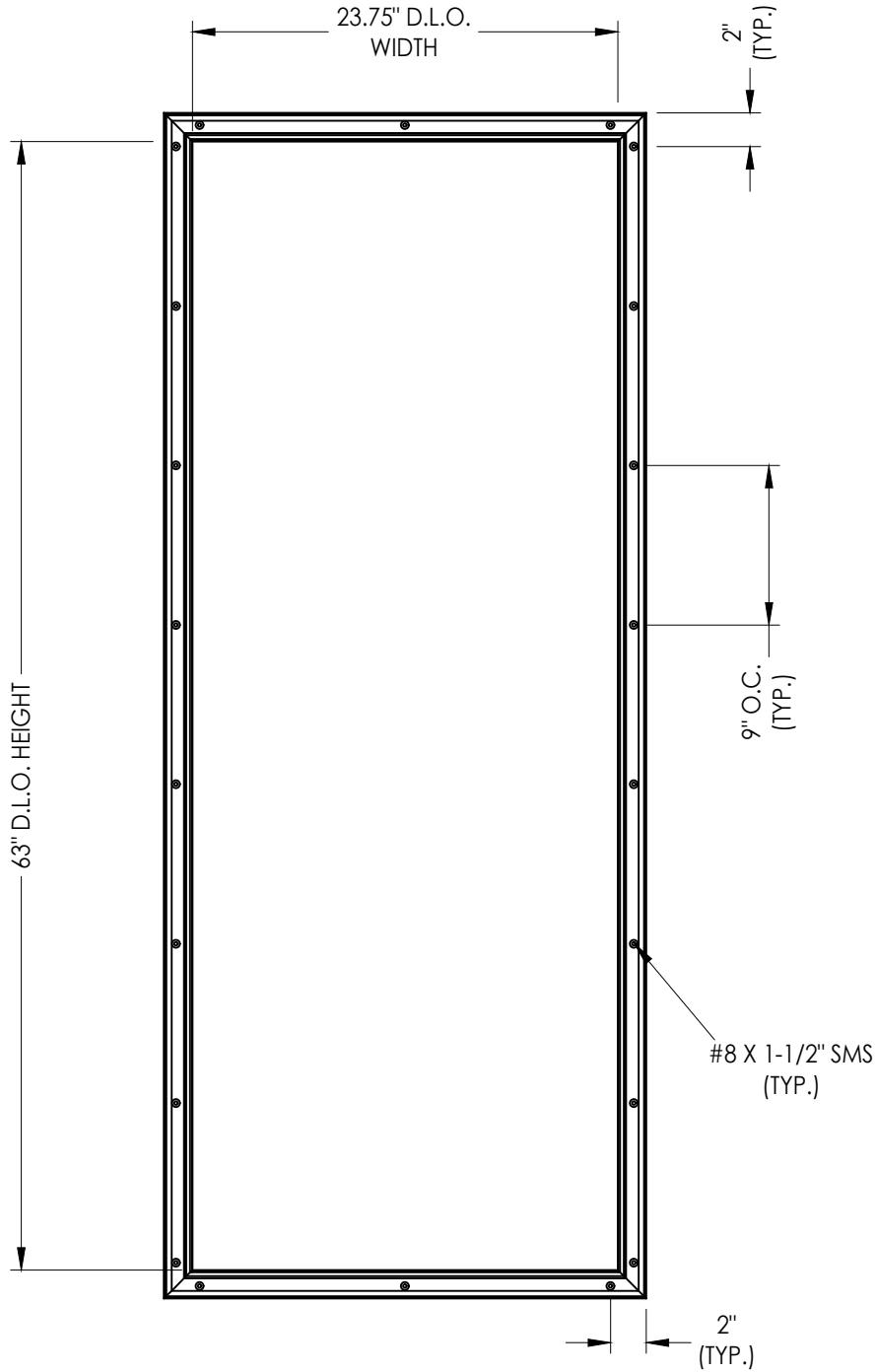
FRAME ANCHORING

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

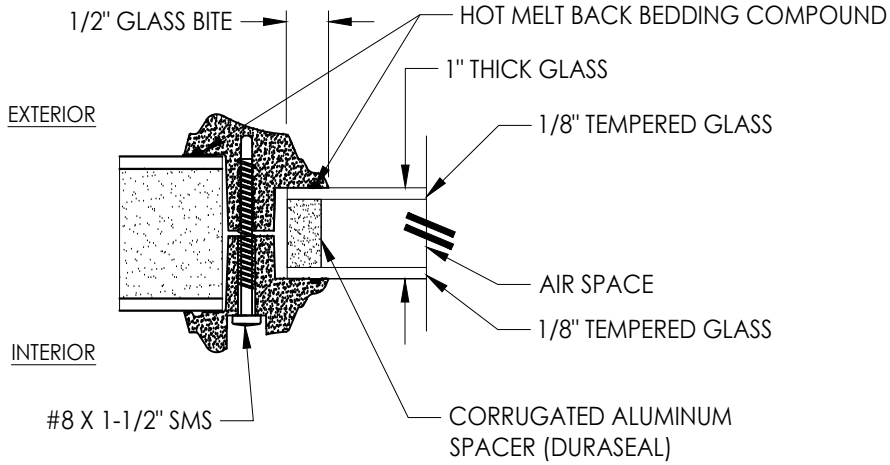
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

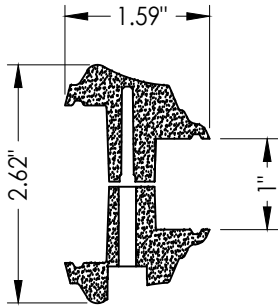
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SMC LITE FRAME



G4 GLAZING DETAIL
SMC LIP LITE FRAME



SMC FULL LITE FRAME

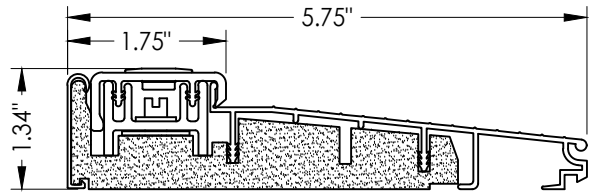
DATE:	4/02/20
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-23955.14
SHEET	11 OF 13

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

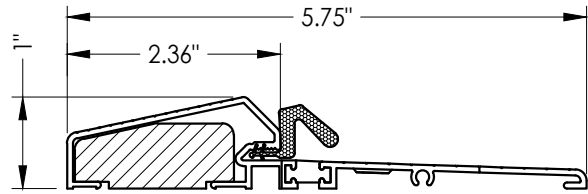
Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
RW	BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

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

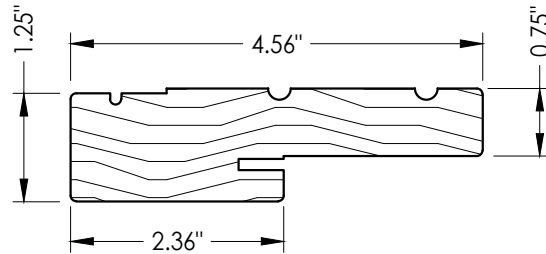
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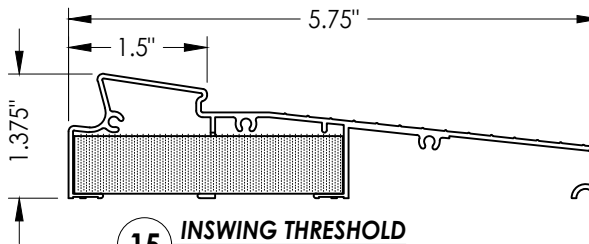
13 **INSWING THRESHOLD**
Adjustable



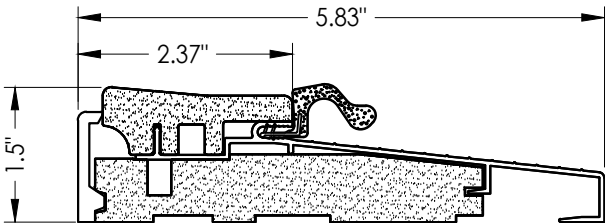
14 **OUTSWING THRESHOLD**



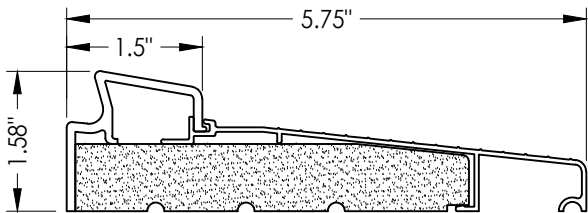
1 **WOOD JAMB**



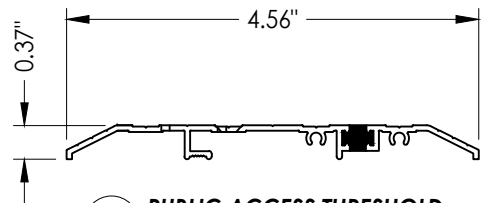
15 **INSWING THRESHOLD**
Moderate Climate



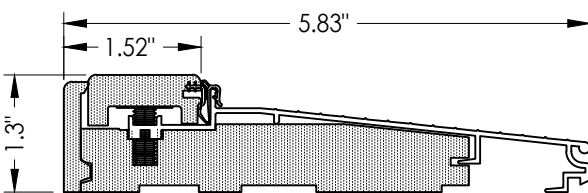
16 **OUTSWING THRESHOLD**



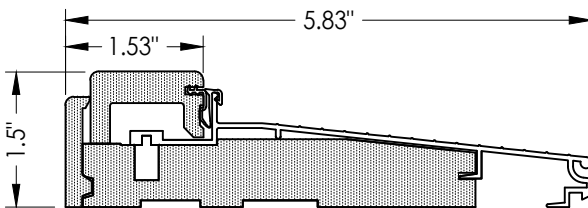
17 **INSWING THRESHOLD**
Basic Fixed



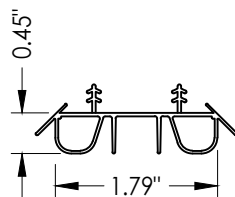
18 **PUBLIC ACCESS THRESHOLD**



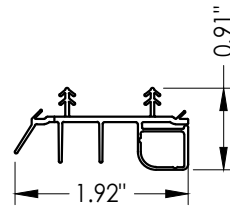
19 **INSWING THRESHOLD**
Adjustable



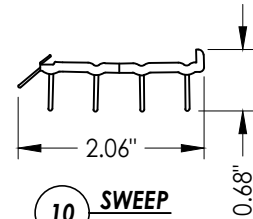
20 **INSWING THRESHOLD**
Adjustable



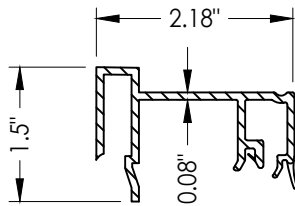
8 **SWEEP**



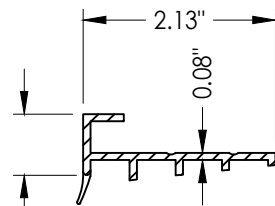
9 **SWEEP**



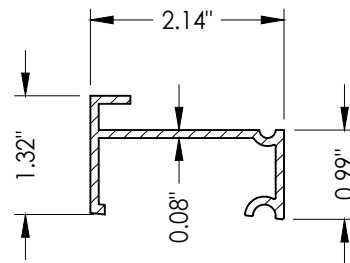
10 **SWEEP**



75 **SIDELITE SPACER**
Inswing



76 **SIDELITE SPACER**
Outswing



77 **INSWING SIDELITE**
Adapter
Moderate Climate 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:

COMPONENTS

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-23955.14

SHEET 12 OF 13

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 1-3/4" 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
1	JAMB (FINGER JOINT PINE)	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)	VINYL
10	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
15	INSWING 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
30	1/2" X 1" X 25 GA. CORRUGATED FASTENER	STEEL
40	DOOR PANEL (BOOK DOOR)	-
41	DOOR PANEL (HYBRID DOOR)	-
42	DOOR PANEL (U1 DOOR)	-
50	14" SIDELITE PANEL	-
75	SIDELITE SPACER (INSWING)	PVC
76	SIDELITE SPACER (OUTSWING)	PVC
77	SIDELITE SPACER (INSWING) - Moderate Climate Sill	PVC

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.

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

[illegible]