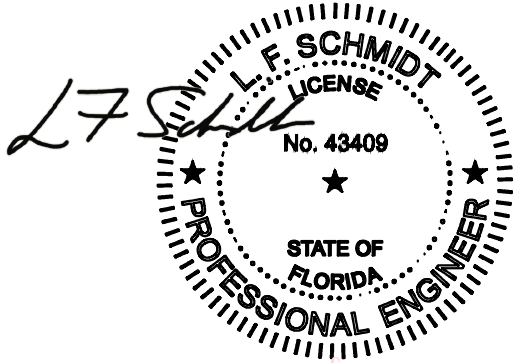


Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.1-3.dwg

Therma-Tru® DOORS

Fiber-Classic® & Smooth-Star®

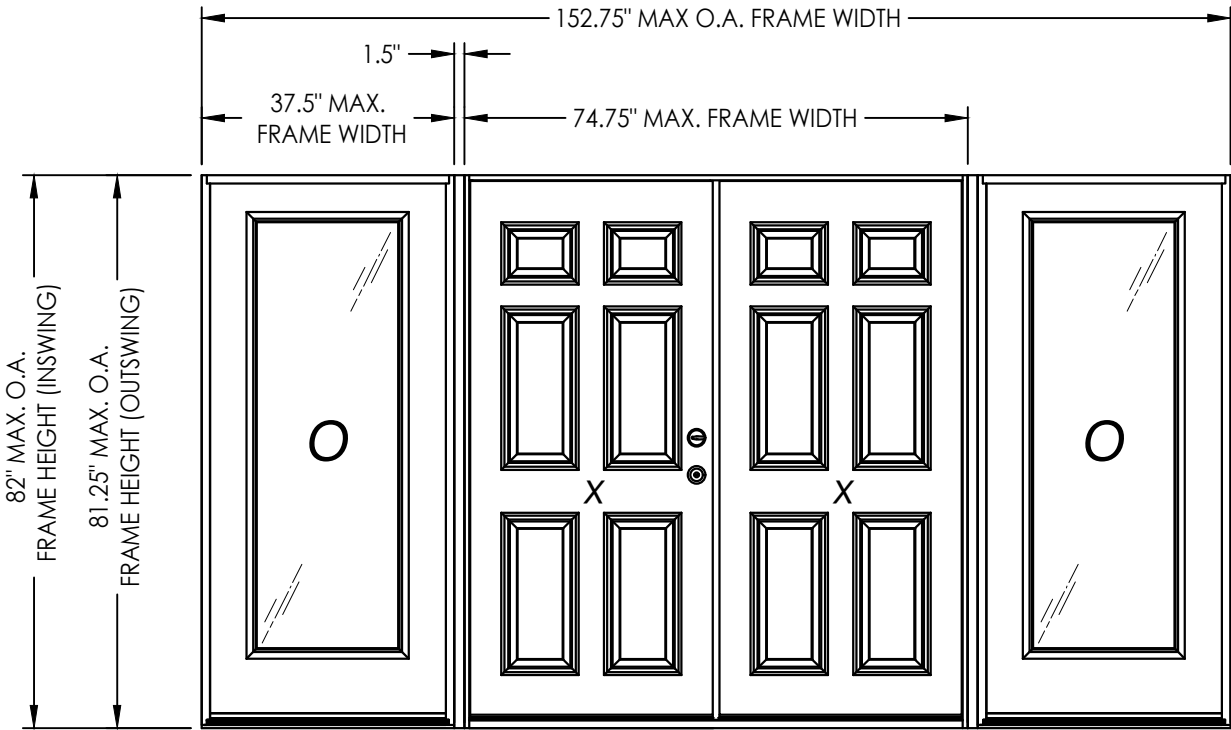
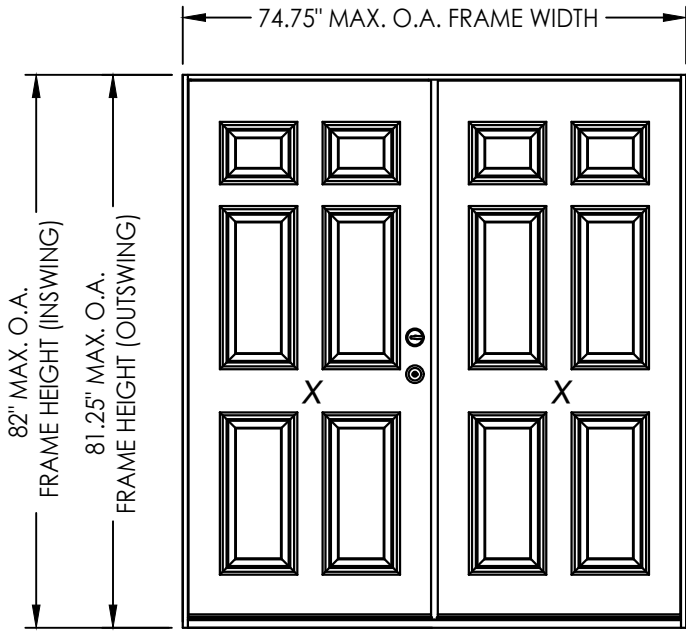
COMPOSITE EDGE OPAQUE FIBERGLASS DOUBLE DOOR w/ or w/out SIDELITES INSWING/OUTSWING "IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2026.08.06 10:48:36 -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	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	Latch & Deadbolt	+60.0	-60.0	+60.0	-60.0
OXXO	Latch & Deadbolt	+55.0	-55.0	+55.0	-55.0
XX, OXXO	Multipoint	+55.0	-55.0	+55.0	-55.0

See Sheet 4 for Hardware Specifications

GENERAL NOTES

- This product evaluation drawing has been developed in compliance with the 9th Edition (2026) Florida Building Code (FBC) including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
- When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- This product meets the water infiltration requirements for the "HVHZ".
- Outswing configurations using Coastal Sill (item #19) & Composite Sill (item #16) under active doors meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS			
SHEET#	DESCRIPTION	SHEET#	
1	Typical Elevations, Design Pressures & General Notes	8	Vertical Cross Sections (Thresholds)
2	Door Panel Details	9	Buck Anchoring
3	Sidelite Panel Details	10	Frame Anchoring
4	Elevations	11	Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)	12	Glazing Details
6	Horizontal & Vertical Cross Sections (1X Buck)	13	Components
7	Horizontal & Vertical Cross Sections (Direct to Masonry)	14	Bill of Materials

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:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS			
		BY	JK	LFS	LFS
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/22/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 08/02/16

SCALE: N.T.S.

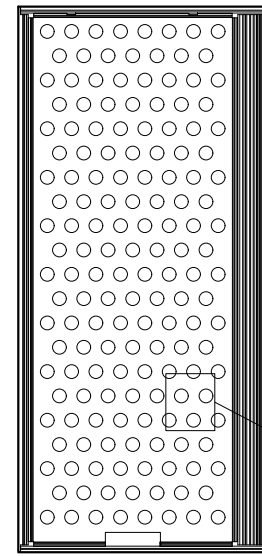
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20470.3

SHEET 1 OF 14

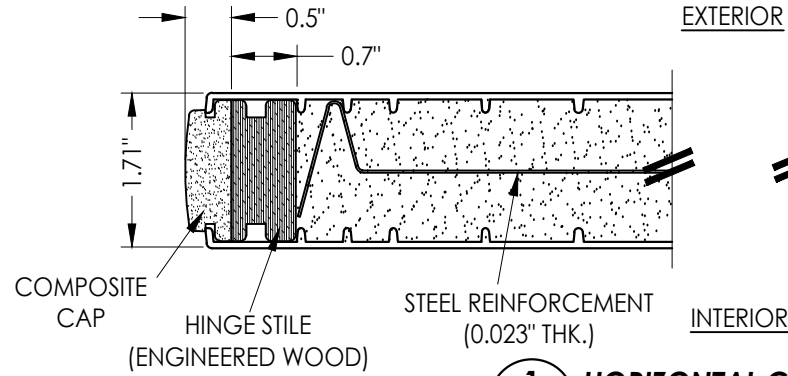
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.1-3.dwg



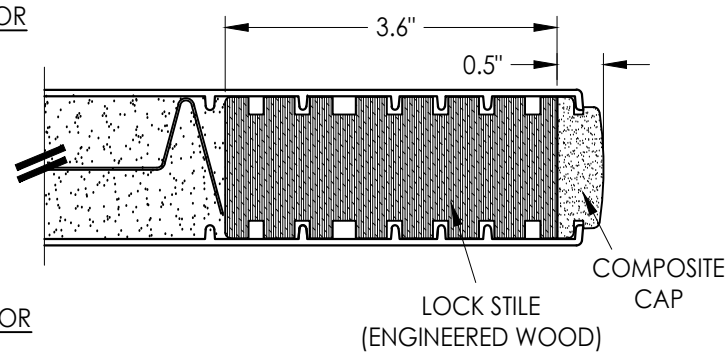
DETAIL A-A
PANEL REINFORCEMENT
(0.023" Thick Steel)

STEEL REINFORCEMENT
28.86% OPEN
AREA MAX.

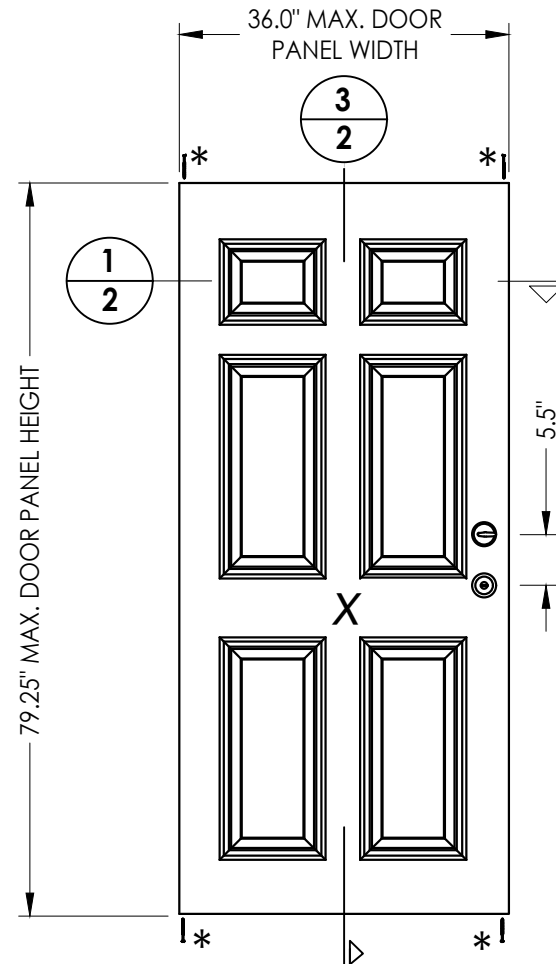
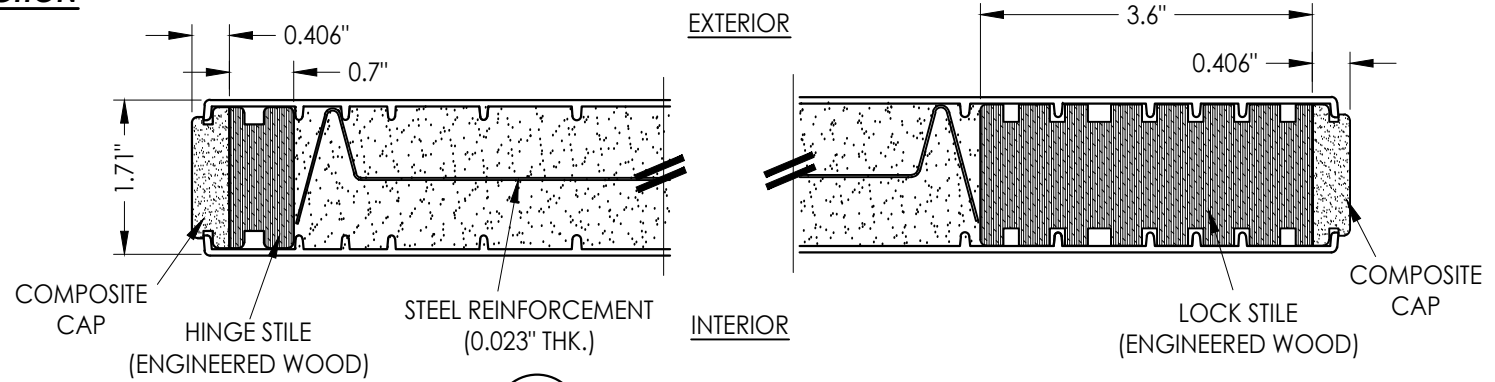
* #8 X 2.5" PFH WS (TYP. @ EACH DOOR CORNER)



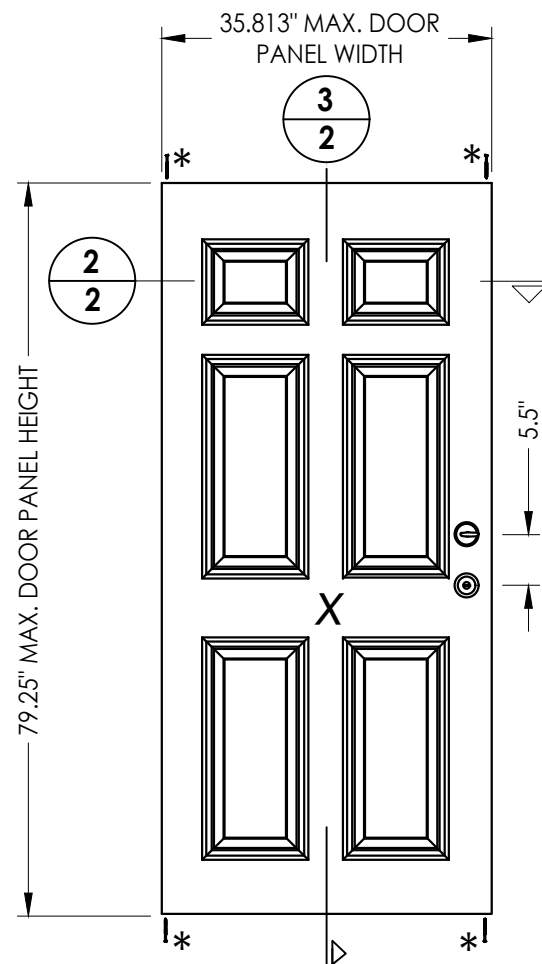
1
2 **HORIZONTAL CROSS SECTION**



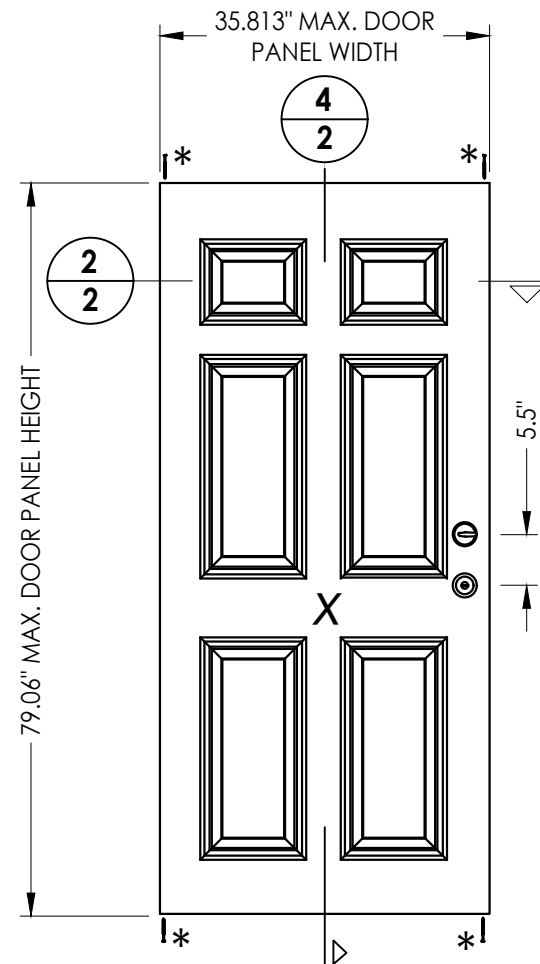
2
2 **HORIZONTAL CROSS SECTION**



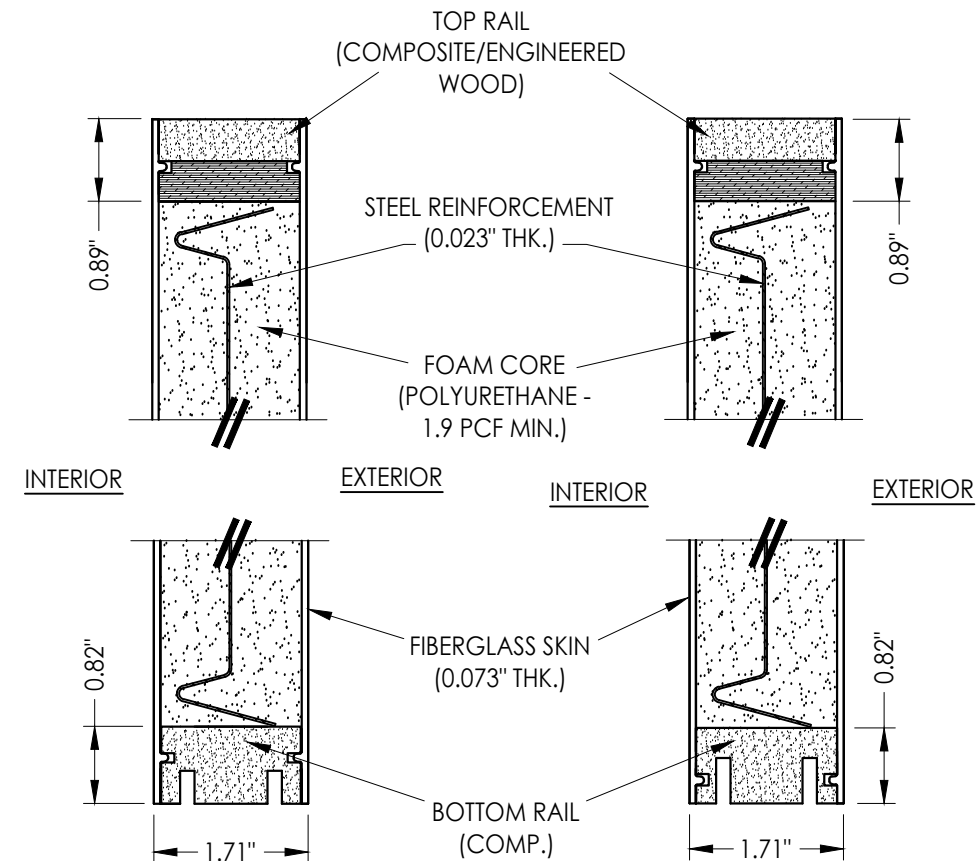
40 **DOOR PANEL**
BOOK



41 **DOOR PANEL**
Hybrid Door



42 **DOOR PANEL**
U1 Door



3
2 **VERTICAL CROSS SECTION**

4
2 **VERTICAL CROSS SECTION**

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

NO.	DATE	REVISIONS			
		BY	CHK	DATE	DESCRIPTION
4	7/02/26	LFS	FBC	UPDATE TO 9TH ED. (2026)	
3	7/25/23	LFS	FBC	UPDATE TO 8TH ED. (2023)	
2	7/22/20	LFS	FBC	UPDATE TO 7TH ED. (2020)	
1	7/14/17	JK	FBC	UPDATE TO 6TH ED. (2017)	
DATE: 08/02/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20470.3					
SHEET 2 OF 14					

Technical drawings of the door assembly showing side and cross-section views.

Side View (Left): Shows the door profile with a height of 1.7" and a width of 0.66". The left side is labeled "STILE (WOOD)".

Cross-Section View (Middle): Shows the internal structure of the door, including the "INTERIOR" panel and the "G1" label.

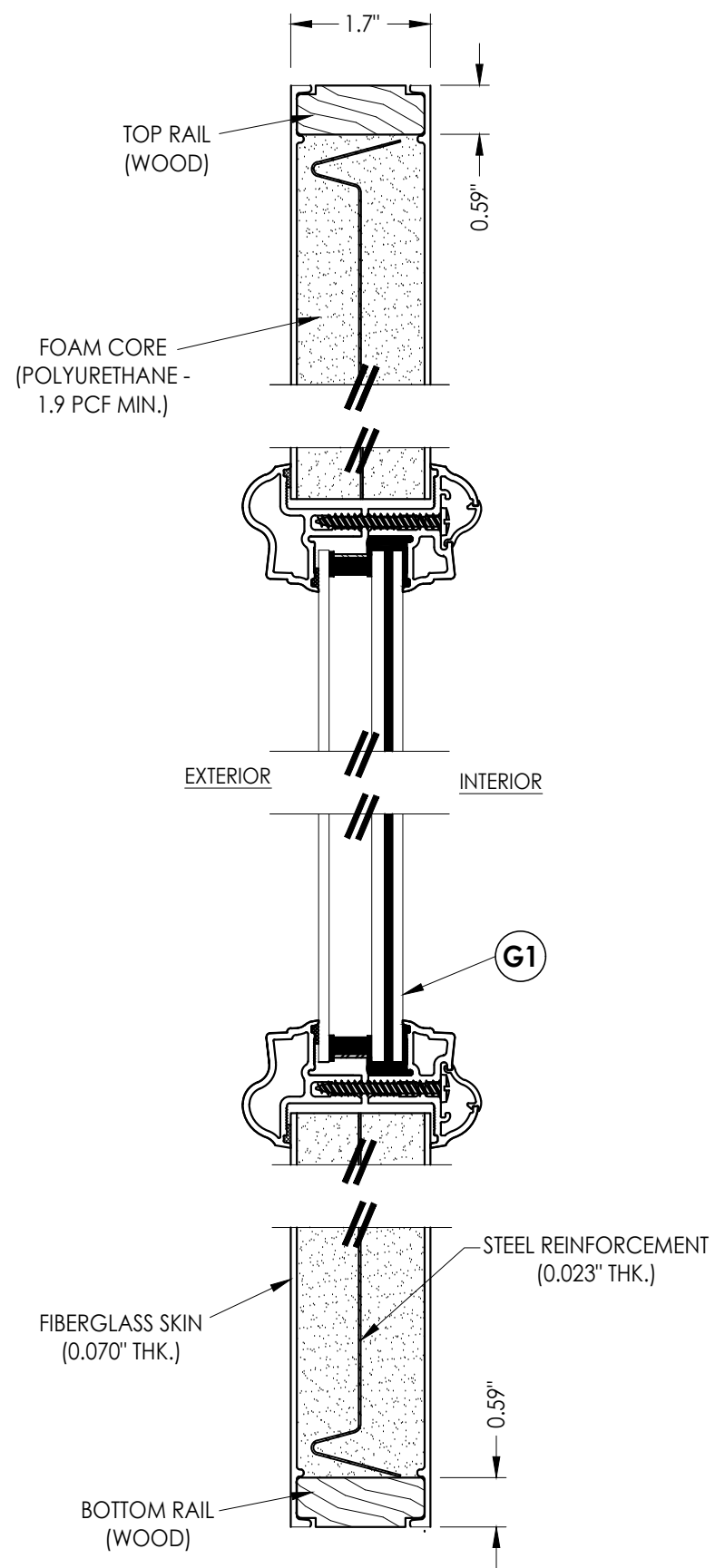
Side View (Right): Shows the door profile with a height of 1.7" and a width of 0.66". The right side is labeled "STILE (WOOD)".

Steel Reinforcement: A label "STEEL REINFORCEMENT (0.023" THK.)" points to the internal structure of the door.

2" DIA. MAX.

STEEL REINFORCEMENT

28.86% OPEN AREA MAX.



2 3 VERTICAL CROSS SECTION

4	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/25/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	7/22/20	UPDATE TO 7th ED	(2020)	FBC	LFS
1	7/14/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
NO.	DATE				
REVISIONS					

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

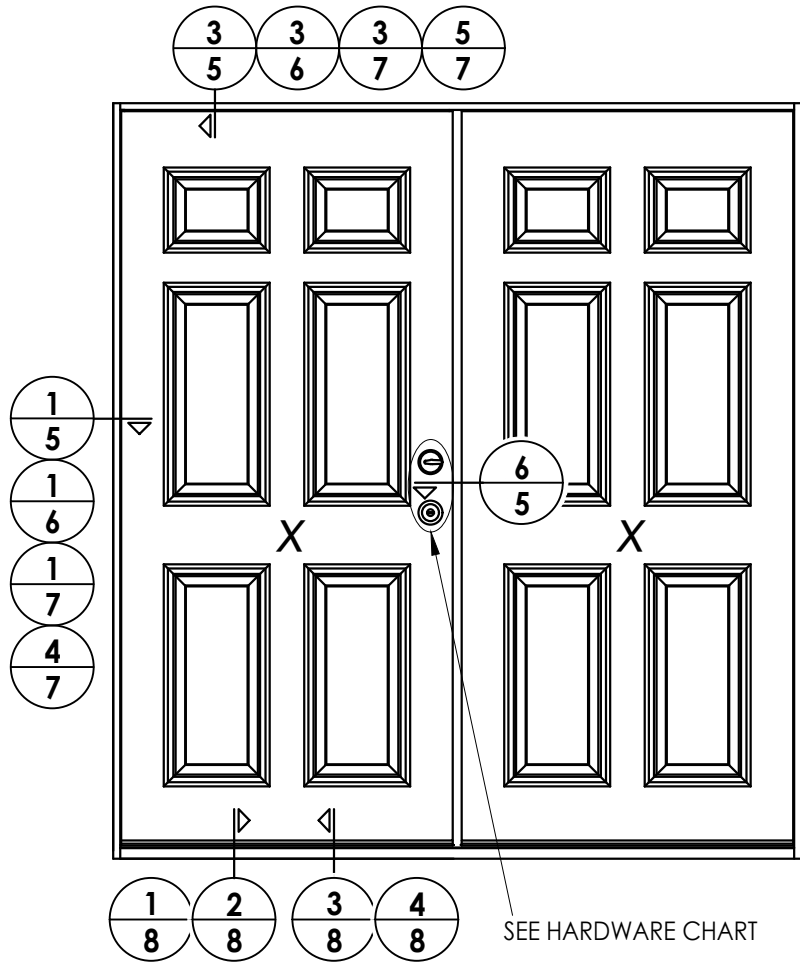
DRAWING NO.:
FL-20470.3

SHEET 3 OF 14

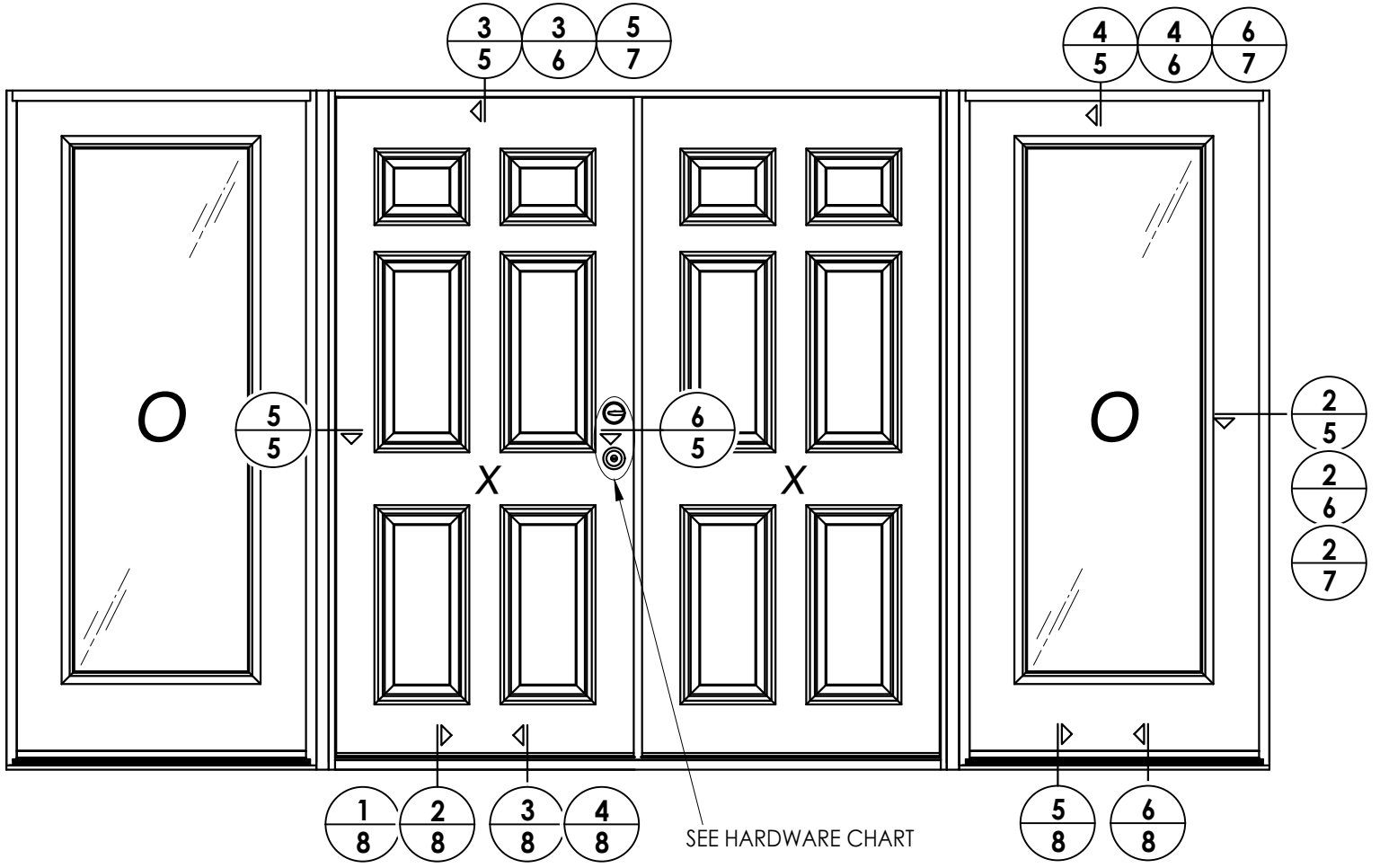
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

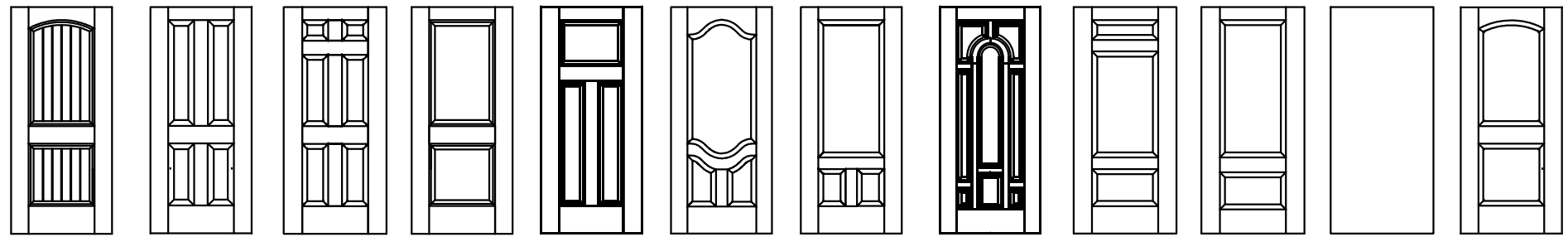
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.1-3.dwg



ELEVATION
XX



ELEVATION
OXO



Fiber-Classic/Smooth-Star Door Panel Options
Panel options shown are for illustration and are representative only
(similar opaque panel configurations are allowed)

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

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20470.3

SHEET 4 OF 14

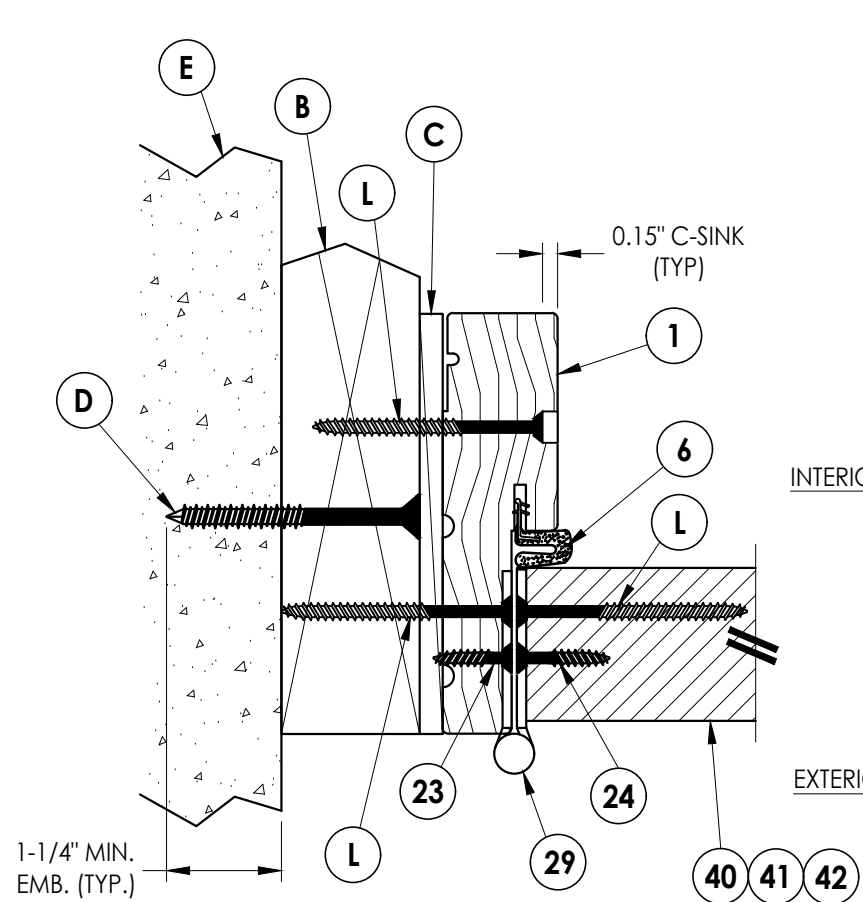
REVISIONS

NO.	DATE	BY
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC
2	7/22/20	UPDATE TO 7th ED (2020) FBC
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC

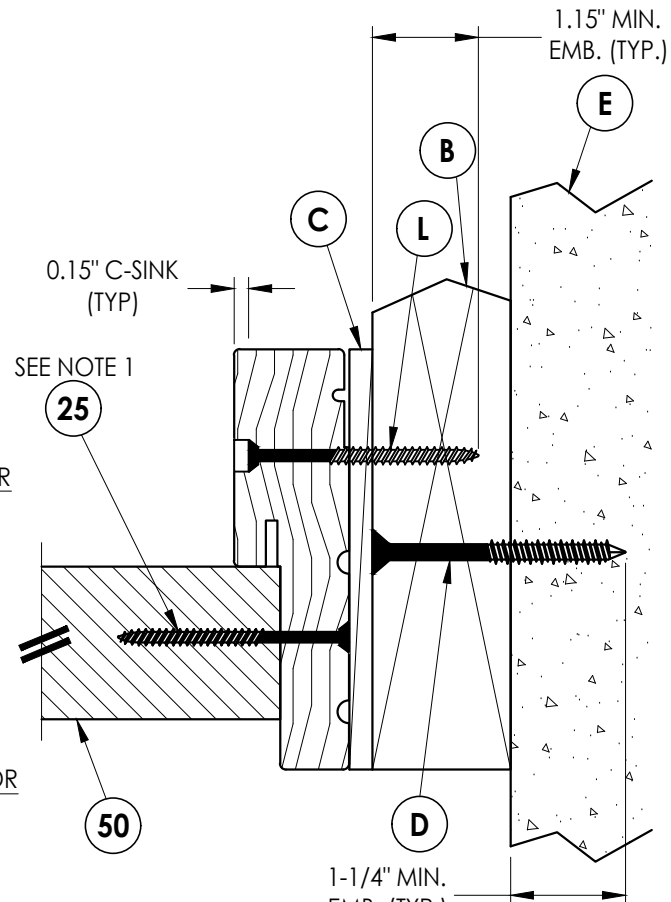
© 2016 R.W. BUILDING CONSULTANTS INC.

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

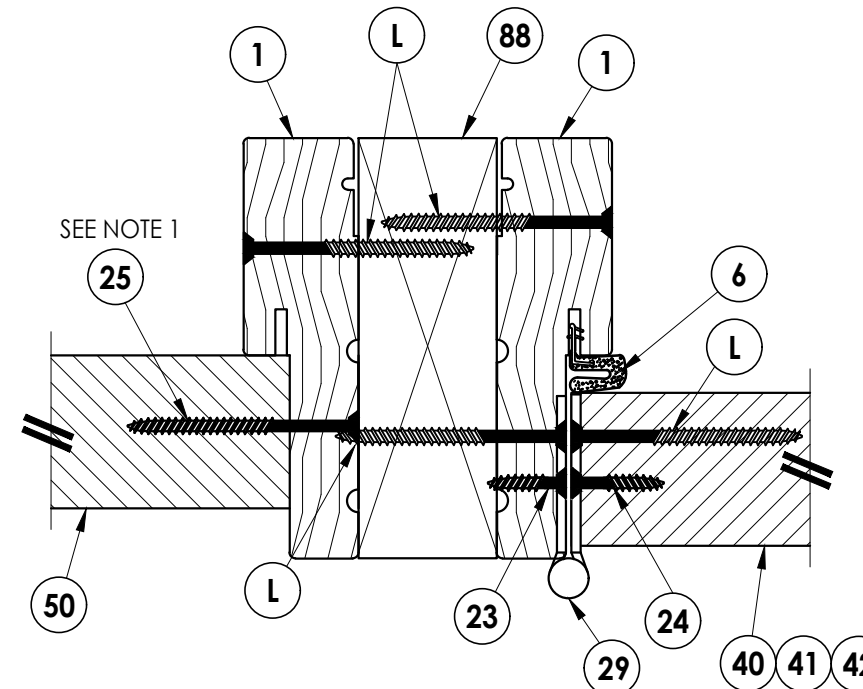
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.1-3.dwg



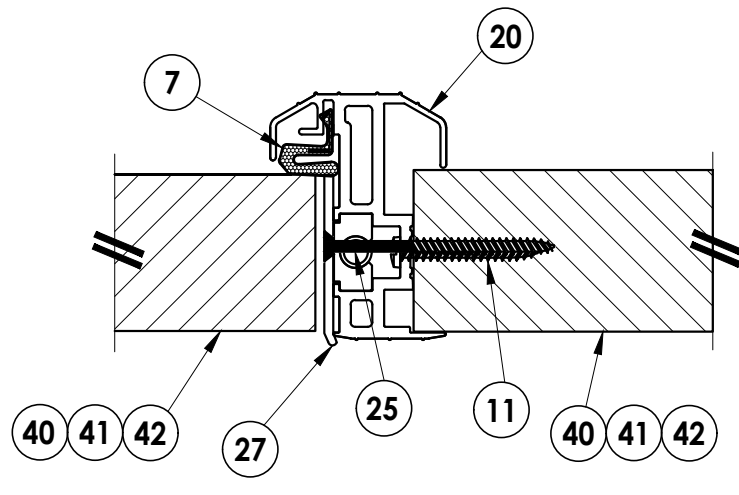
1 **HORIZONTAL CROSS SECTION**
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



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



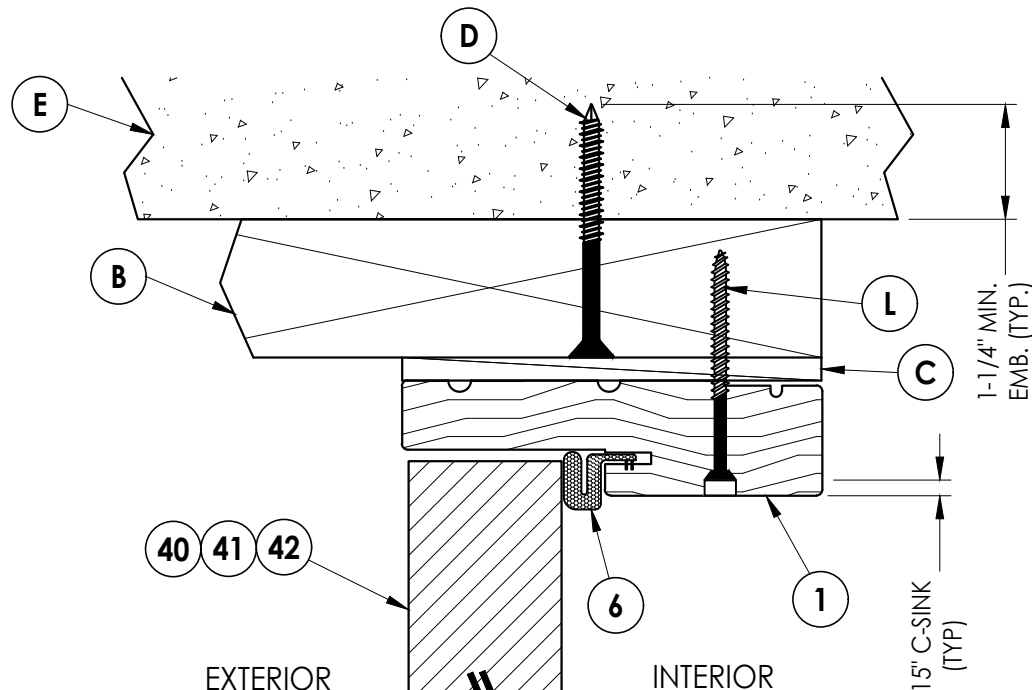
5 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



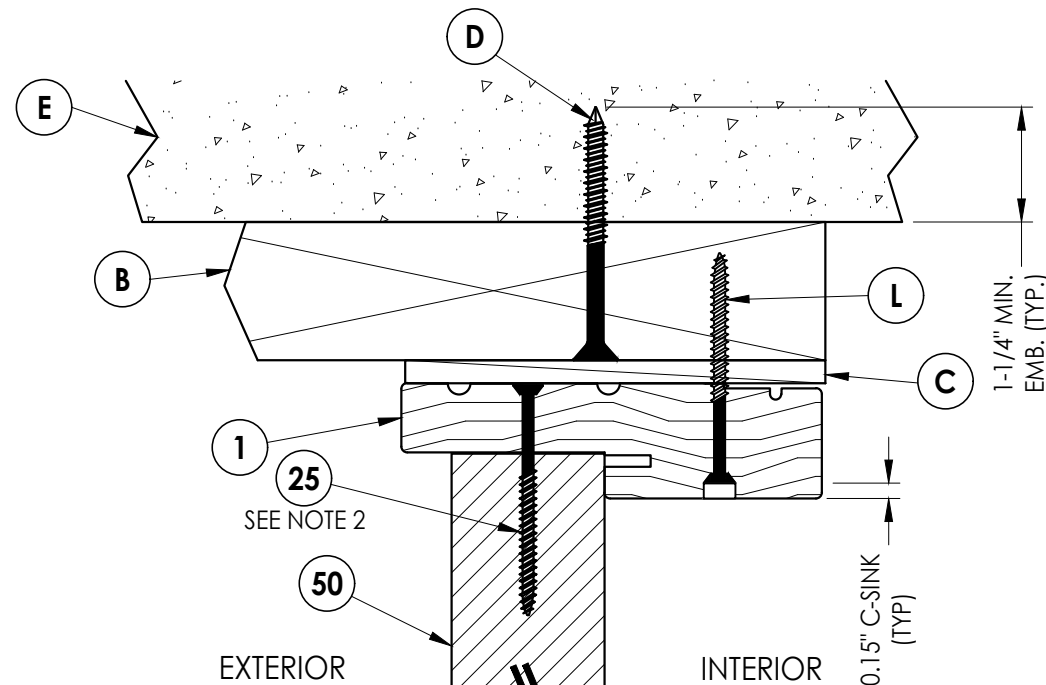
6 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)

Notes:

1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



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



4 **VERTICAL CROSS SECTION**
5 Shown w/ 2X Buck
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
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/22/20	UPDATE TO 7th ED (2020) FBC LFS
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC JK

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

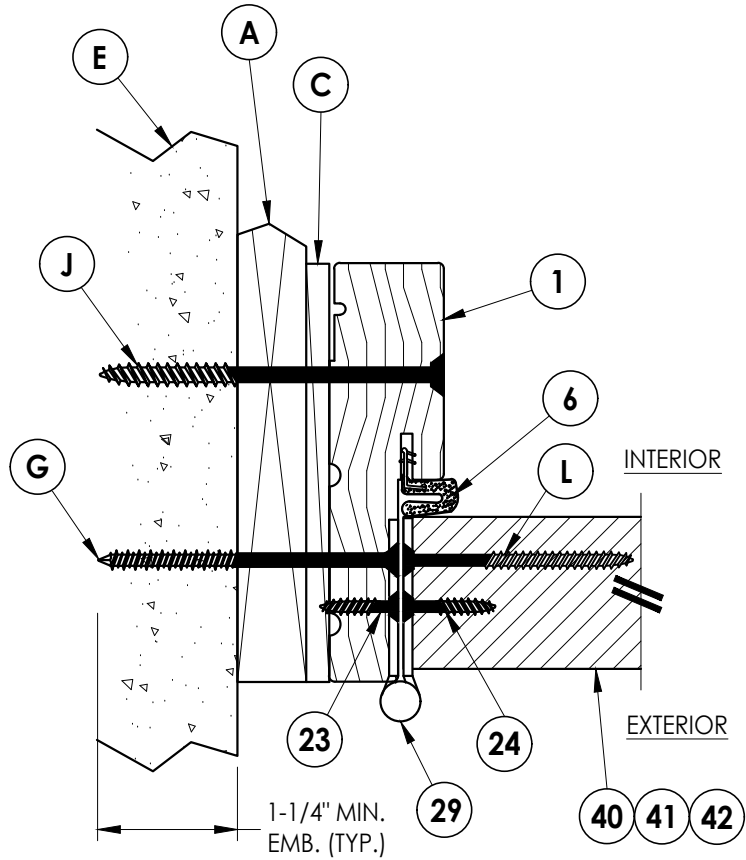
CHK. BY: LFS

DRAWING NO.: FL-20470.3

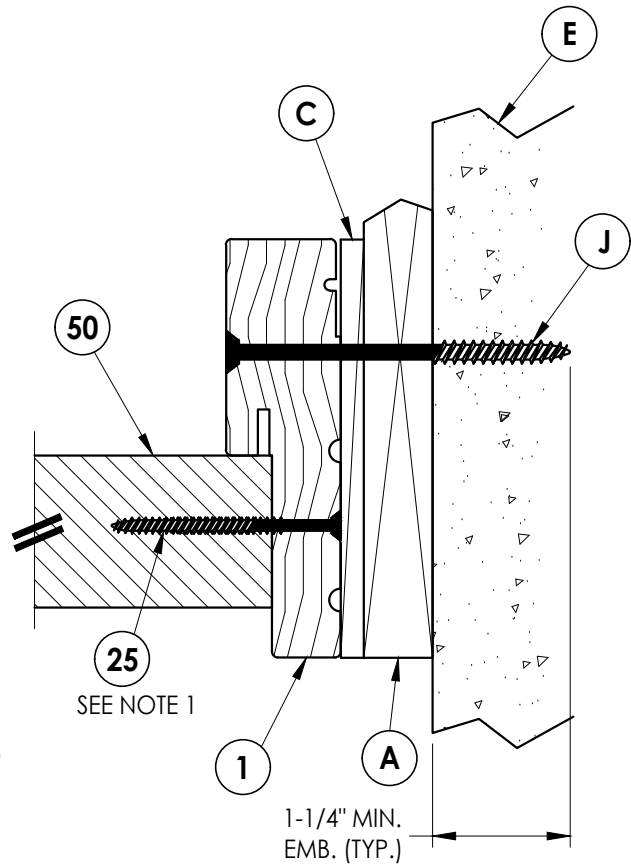
SHEET 5 OF 14

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.1-3.dwg

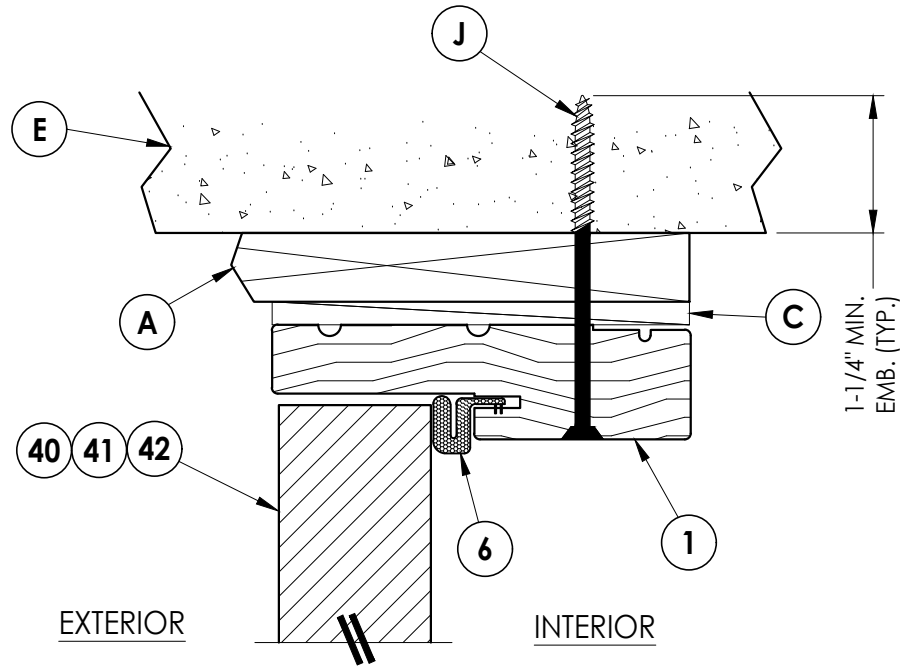
- Notes:
1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



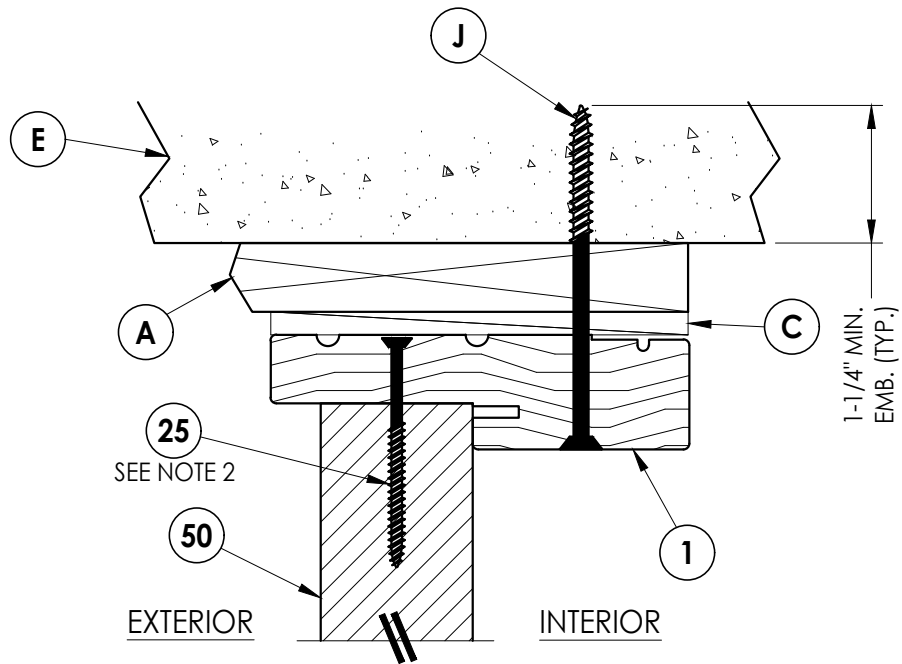
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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



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

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

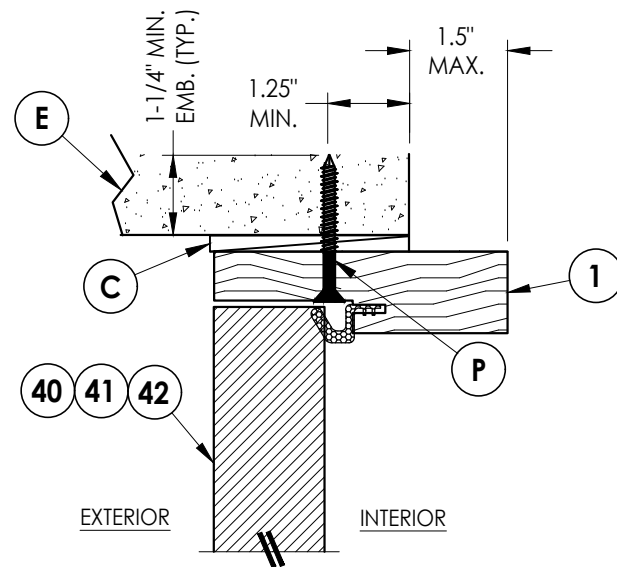
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS			
		BY	JK	LFS	LFS
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/22/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

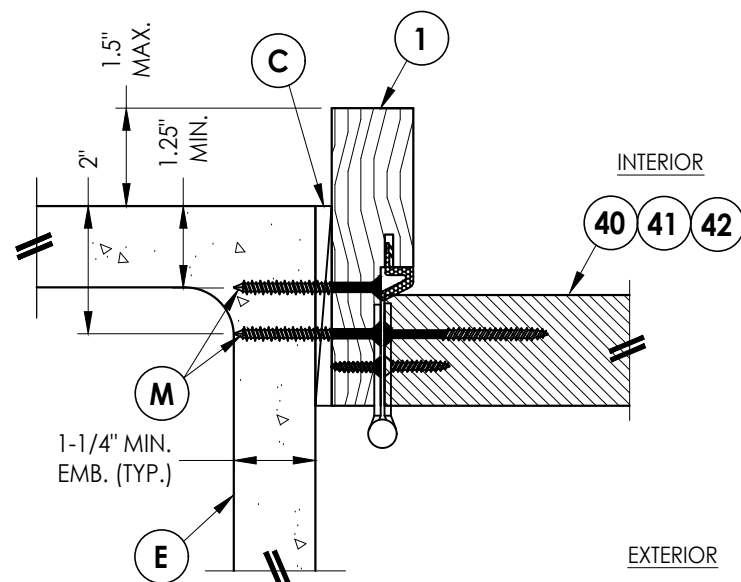
DATE: 08/02/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20470.3
SHEET 6 OF 14



3
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry.
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

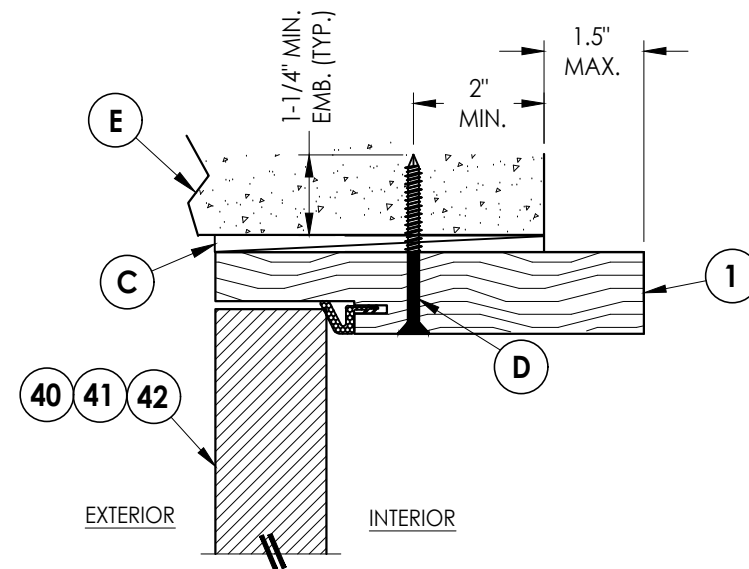
Notes:

1. Sidelite assembly screws located 6" from each end plus 5 more equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).

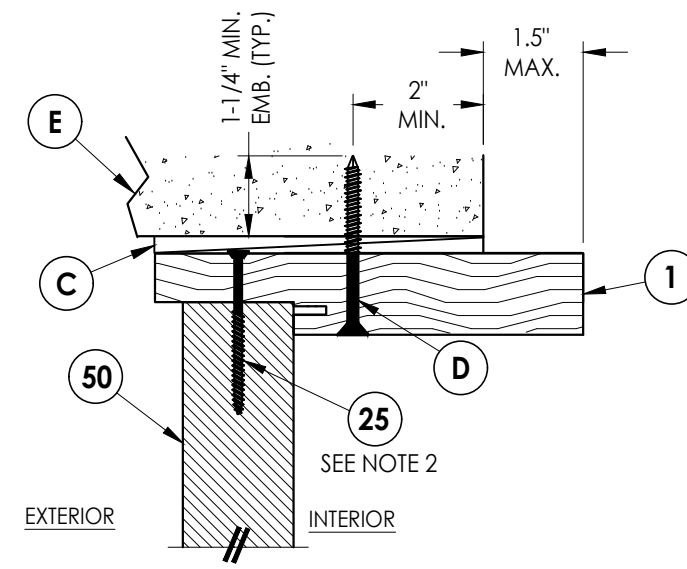


1 7 **HORIZONTAL CROSS SECTION**

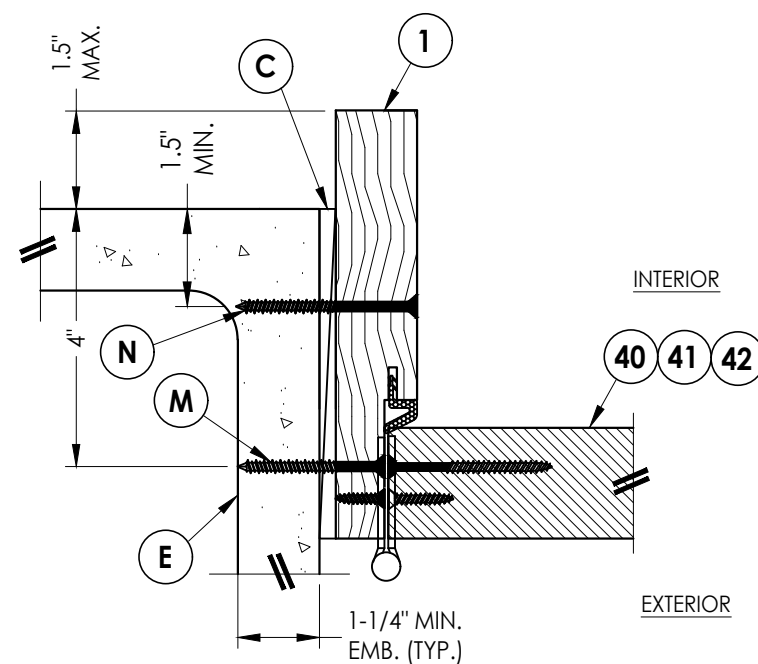
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



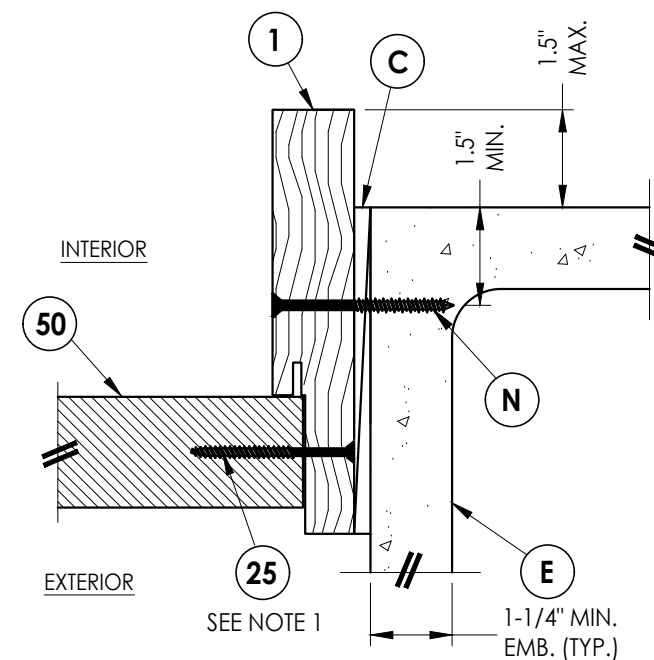
5 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



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



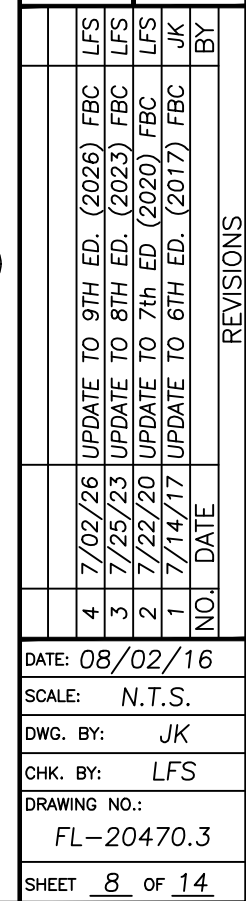
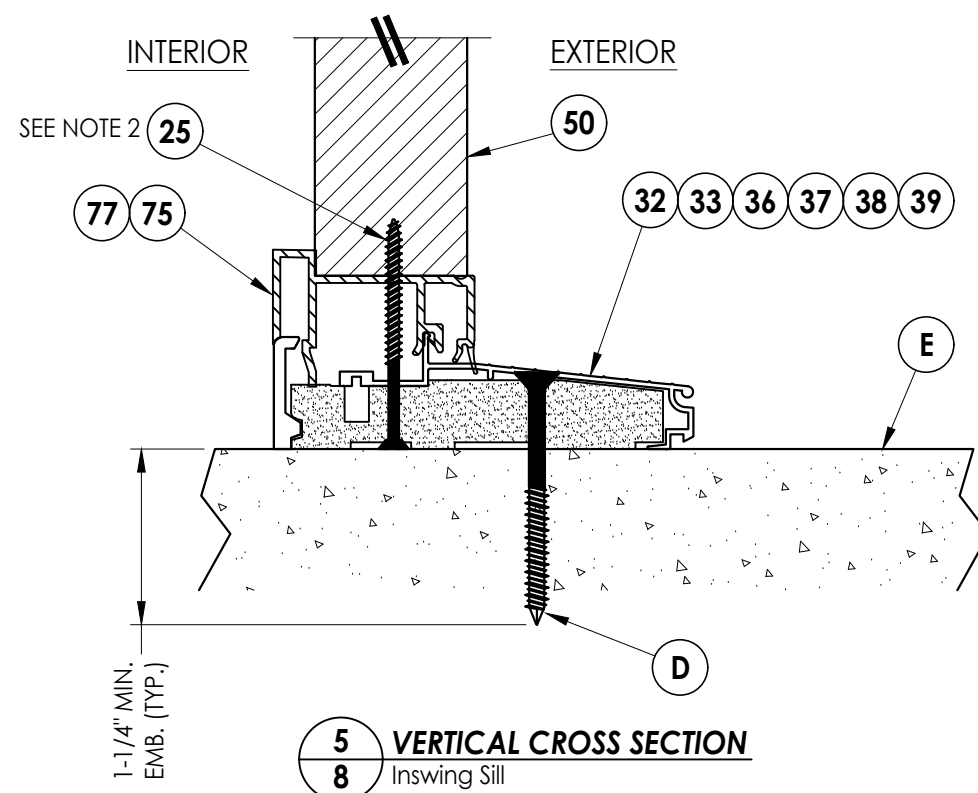
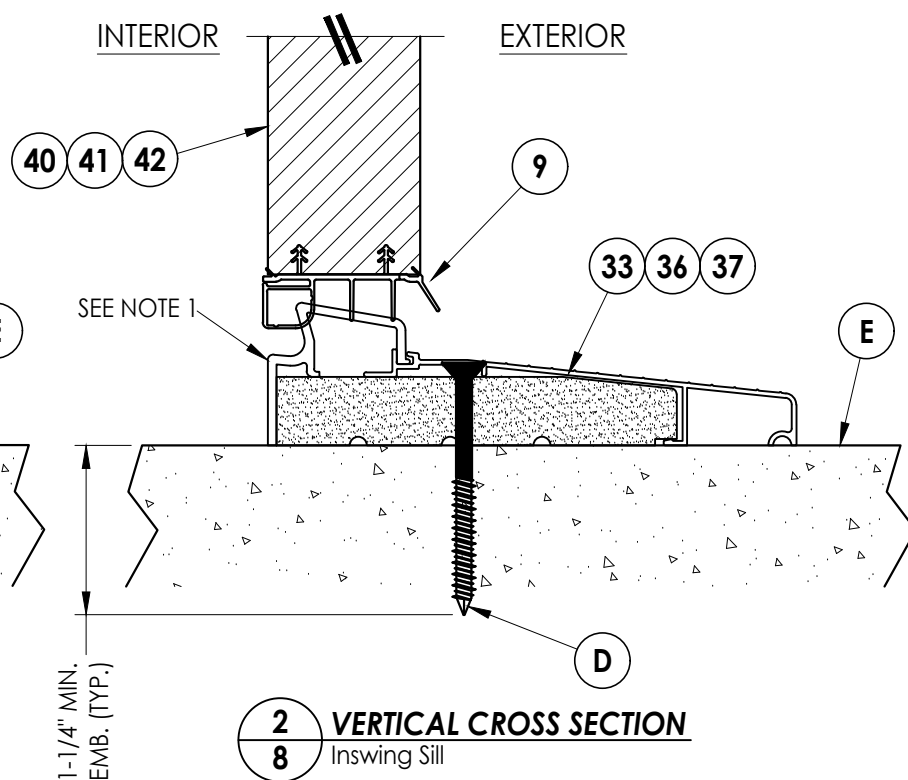
4 **7** **HORIZONTAL CROSS SECTION** Shown Direct to Masonry Outswing only w/ 6-9/16" jamb



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

DATE: 8/10/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20470.3					
SHEET	7	OF	14		
PRODUCT:					
THERMA-TRU FIBERGLASS DOOR					
PART OR ASSEMBLY:					
HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)					
4	7/02/26	UPDATE TO 9TH ED.	(2026) FBC	LFS	
3	7/25/23	UPDATE TO 8TH ED.	(2023) FBC	LFS	
2	7/22/20	UPDATE TO 7th ED.	(2020) FBC	LFS	
1	7/14/17	UPDATE TO 6TH ED.	(2017) FBC	JK	
NO.	DATE			BY	
REVISIONS					
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					

1. Sill Item #'s 16, 32, 33, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 17, 18 & 19 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS at each end.
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along sill).



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

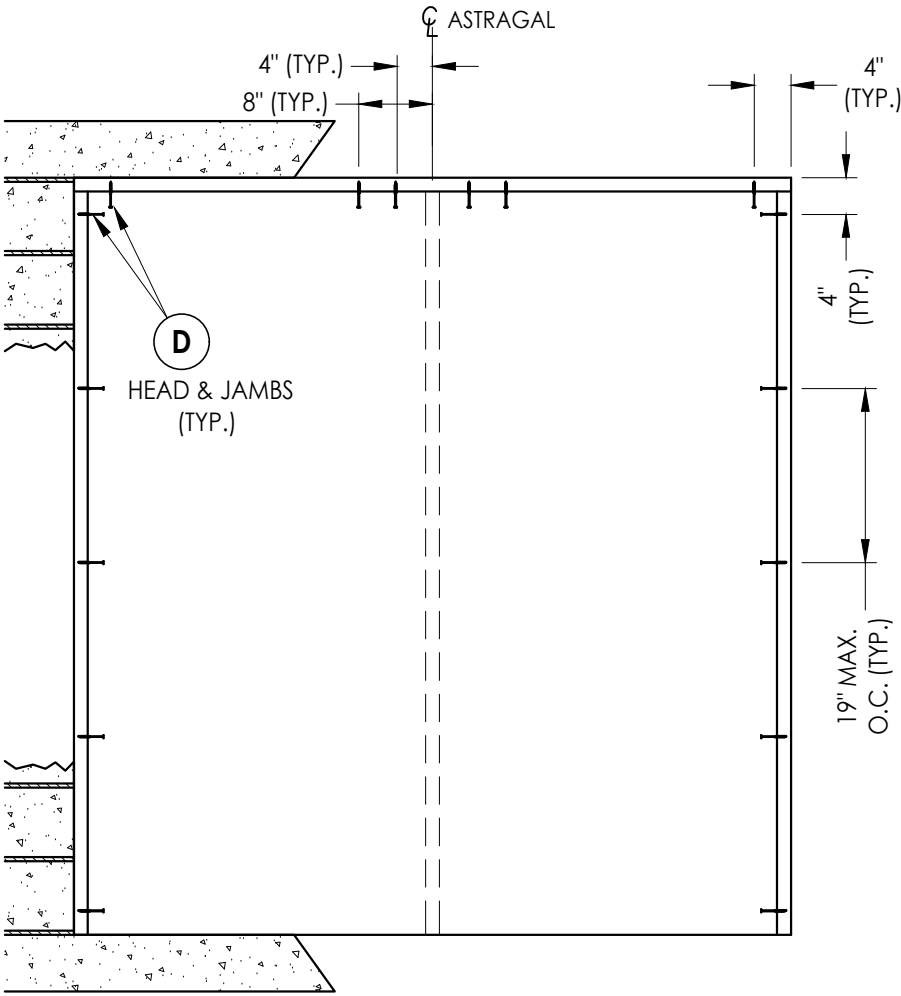
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

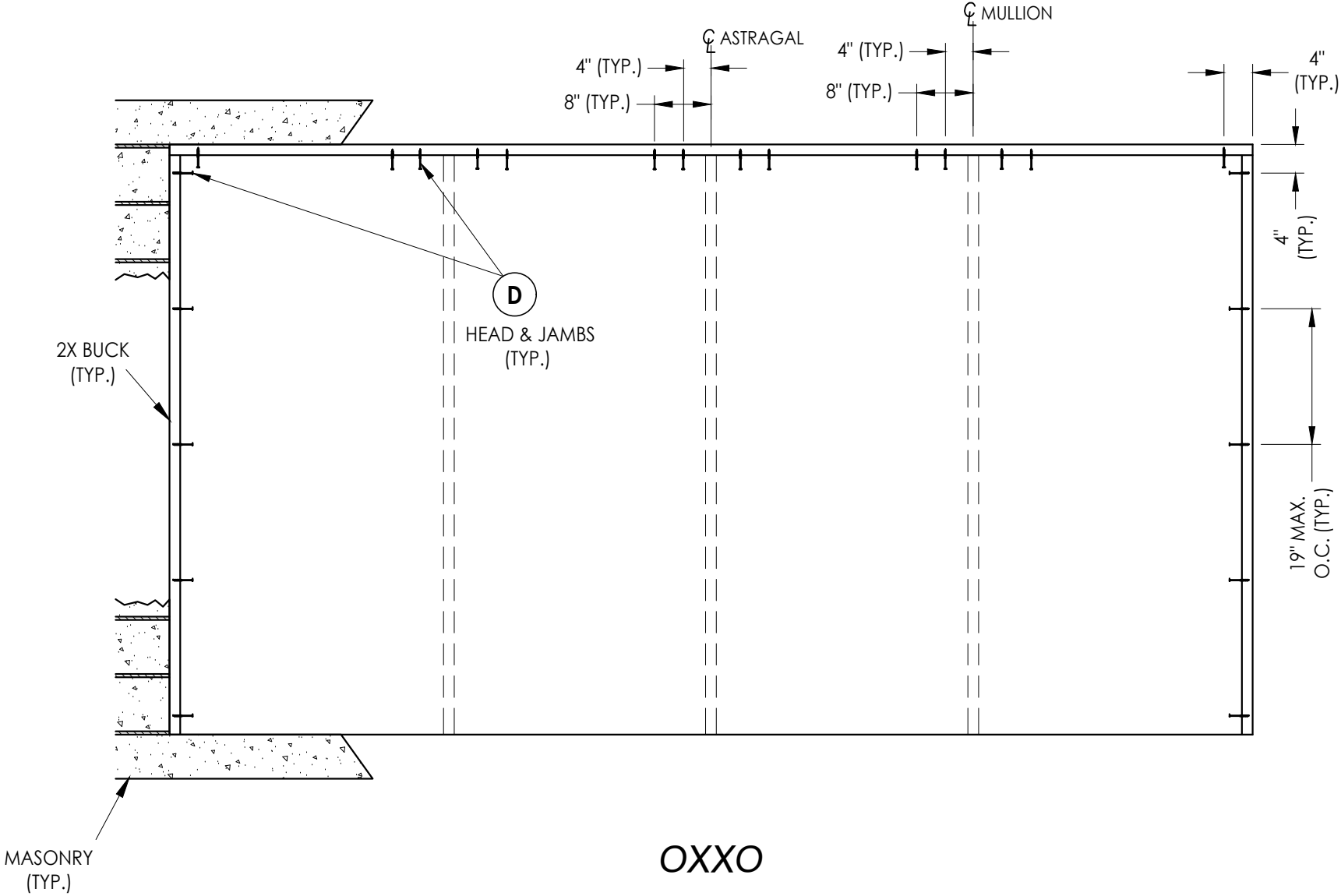
OR ASSEMBLY:
**VERTICAL CROSS
SECTIONS (THRESHOLDS)**

REVISIONS

© 2016 R.W. BUILDING CONSULTANTS INC.



XX



OXXO

2X BUCK ANCHORING

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 ANCHORING	
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	7/22/20	UPDATE TO 7th ED (2020)	FBC LFS
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC JK
NO.	DATE		BY
REVISIONS			
DATE: 08/02/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20470.3			
SHEET 9 OF 14			

(3) #8 x 2-1/2"
PFH WS

JAMB TO HEAD DETAIL
(TYP.)

[illegible]

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

THERMA-TRU
FIBERGLASS DOOR

ASSEMBLY:
FRAME ANCHORING

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

LATCH & DEADBOLT DETAIL
Schlage / Kwikset

DETAIL 1
Coastal Astragal Strike Plate @ Head

ASTRAGAL

DETAIL 2
Inswing
Coastal Astragal Strike Plate @ Sill

80

DETAIL 2
Inswing

G

Coastal Astragal Strike Plate @ Sill

DETAIL 2
Outswing
Astragal Bolt Hole @ Sill

LATCH & DEADBOLT STRIKE DETAILS

HINGE JAMB

ASTRAGAL Multipoint Lock

HINGE DETAIL

LATCH & DEADBOLT DETAIL
Multipoint Lock

DETAIL 1
Multipoint Lock Strike Plate @ Head

DETAIL 2
Inswing
Multipoint Lock Strike Plate @ Sill

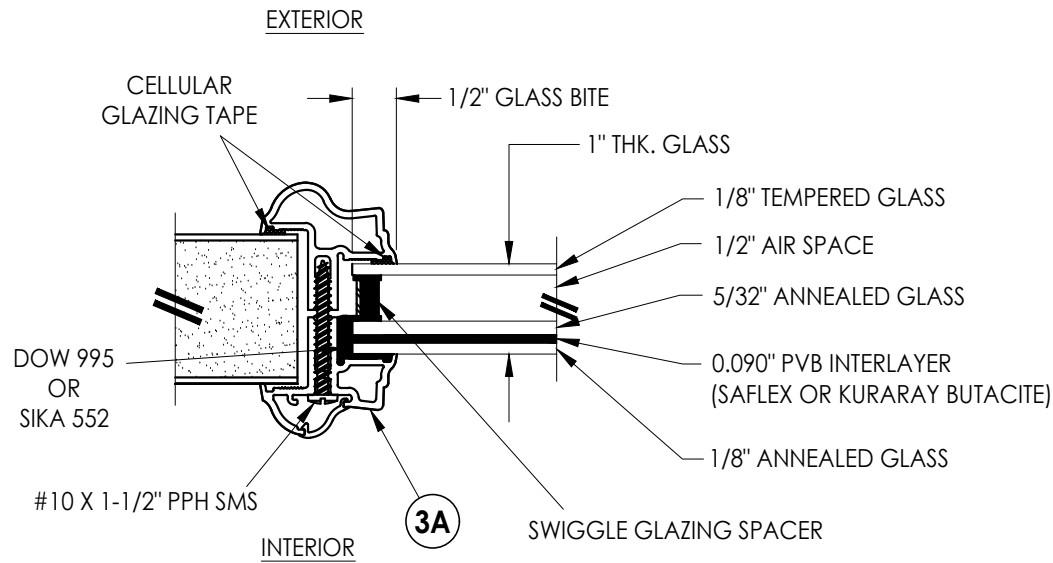
DETAIL 2
Outswing
Multipoint Lock Strike Plate @ Sill

This diagram shows a side view of a door sill with a horizontal strike plate. The plate has three circular lock bolts and a central rectangular slot. Two callout lines point from the bolts to a circular callout 'G' on the left and a circular callout '79' on the right. The text 'DETAIL 2' is centered below the diagram, followed by 'Outswing' and 'Multipoint Lock Strike Plate @ Sill'.

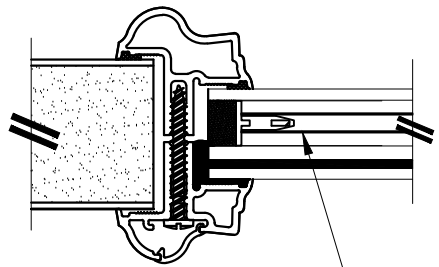
MULTIPOINT LOCK STRIKE DETAILS

[illegible]

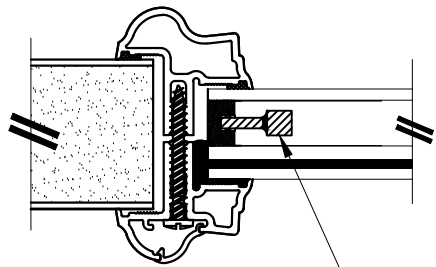
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.1-3.dwg



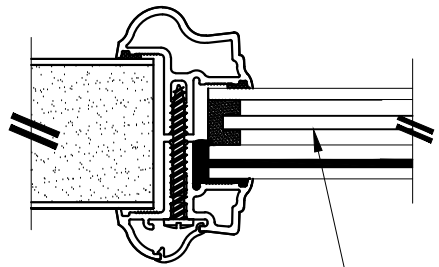
G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



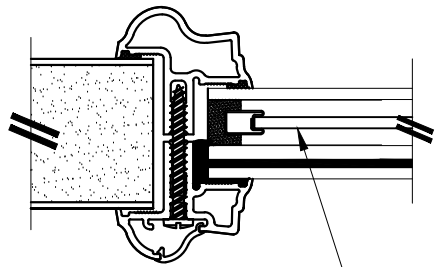
INTERNAL GRID (GBG)



WROUGHT IRON INSERT

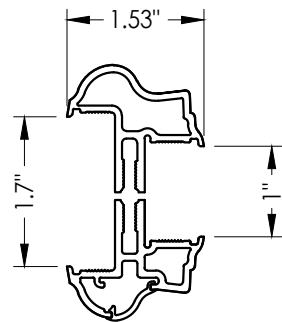


PRIVACY INSERT

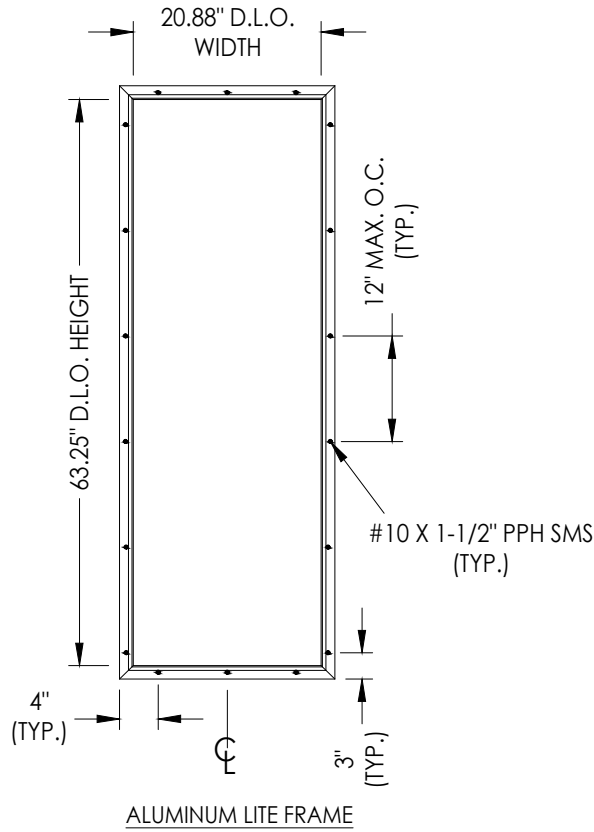


DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS



3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels & Sidelites



ALUMINUM LITE FRAME

DATE: 8/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20470.3

SHEET 12 OF 14

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

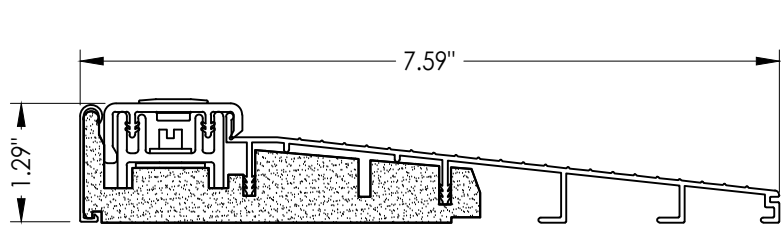
GLAZING DETAILS

Documents Prepared By:

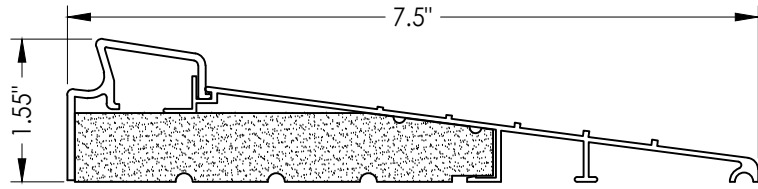
Lyndon F. Schmidt
P.E. No. 43409

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

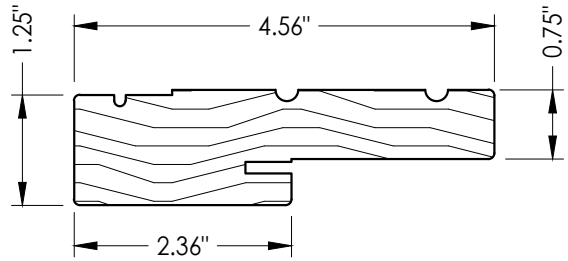
Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.1-3.dwg



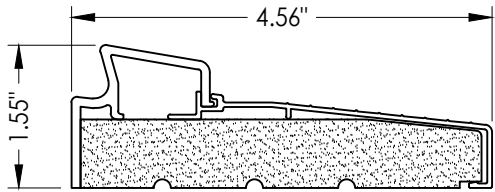
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



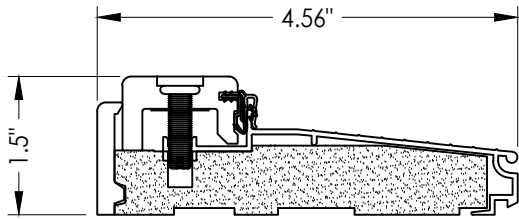
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



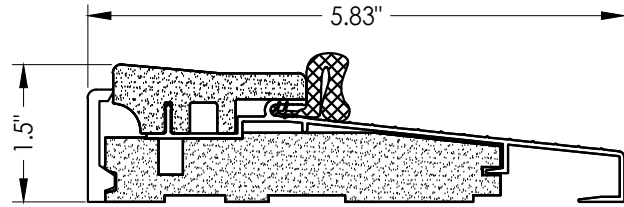
1 WOOD JAMB



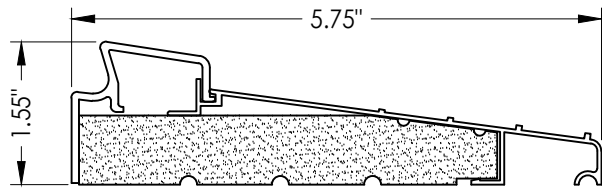
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



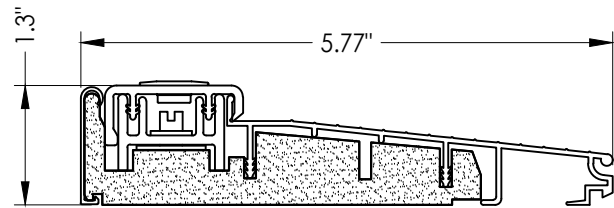
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



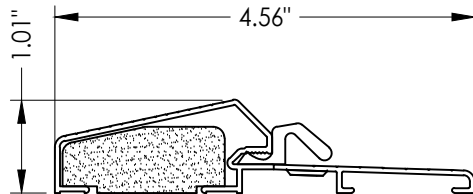
16 OUTSWING THRESHOLD
Composite Sill



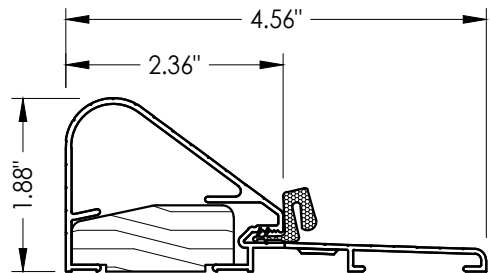
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



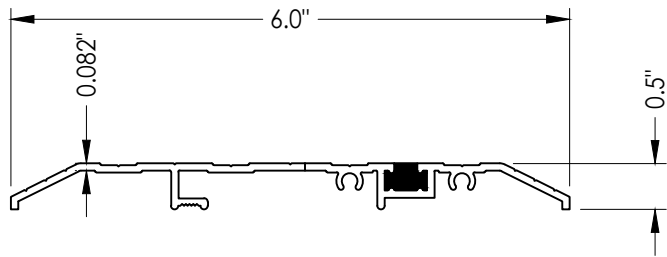
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



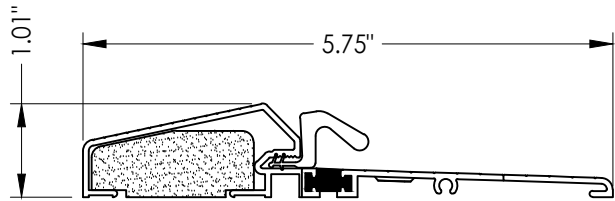
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



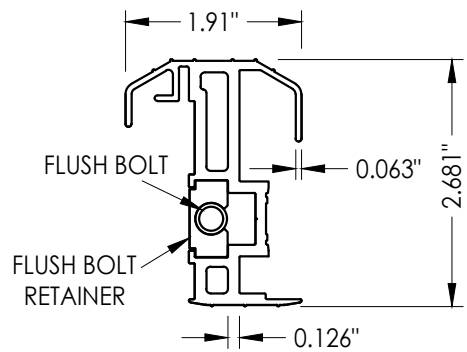
19 COASTAL OUTSWING THRESHOLD
Wood / Aluminum Sill



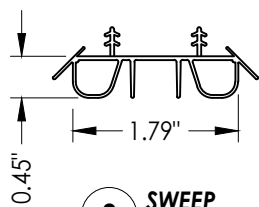
15 PUBLIC ACCESS THRESHOLD



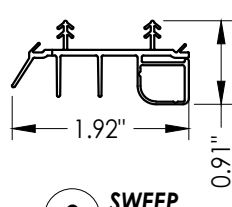
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



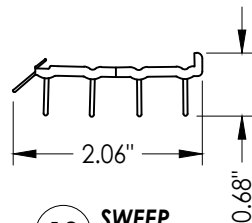
20 COASTAL ALUMINUM ASTRAGAL



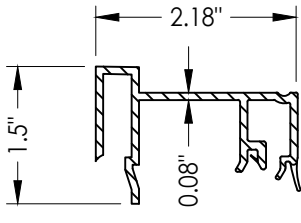
8 SWEEP



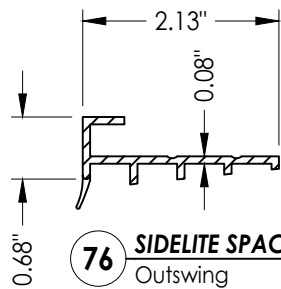
9 SWEEP



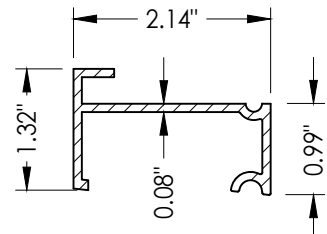
10 SWEEP



75 SIDELITE SPACER
Inswing



76 SIDELITE SPACER
Outswing



77 SIDELITE SPACER
Inswing
Moderate Climate Threshold

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
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	7/22/20	UPDATE TO 7th ED. (2020) FBC	LFS
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC	JK

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20470.3

SHEET 13 OF 14

BILL OF MATERIALS			BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL	ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD	25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
B	2X BUCK (SG >= 0.42)	WOOD	26	#8 x 5/8" PFH WOOD SCREW	STEEL
C	1/4" MAX. SHIM SPACE	-	27	LATCH STRIKE PLATE	STEEL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	28	DEADBOLT STRIKE PLATE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	29	4" X 4" HINGE	STEEL
			32	INSWING THRESHOLD	ALUM/COMP
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	33	INSWING THRESHOLD	ALUM/COMP
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	36	INSWING THRESHOLD	ALUM/COMP
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	37	INSWING THRESHOLD	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	38	INSWING THRESHOLD	ALUM/COMP
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	39	INSWING THRESHOLD	ALUM/COMP
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	40	DOOR PANEL (BOOK)	-
P	1/4" X 2-3/4" PFH DeWALT CONCRETE SCREW	STEEL	41	DOOR PANEL (HYBRID)	-
1	JAMB (FINGER JOINT PINE)	WOOD	42	DOOR PANEL (U1)	-
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	50	SIDELITE	-
7	WEATHERSTRIP (LONG REACH)	FOAM	75	SIDELITE SPACER (INSWING)	PVC
8	SWEEP	VINYL	76	SIDELITE SPACER (OUTSWING)	PVC
9	SWEEP (USE W/ MODERATE CLIMATE THRESHOLD)	VINYL	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC
10	SWEEP (USE W/ PUBLIC ACCESS THRESHOLD)	VINYL	78	MULTIPOINT LOCK STRIKE PLATE @ HEAD	STEEL
11	#10 X 1-3/4" PFH WOOD SCREW	STEEL	79	MULTIPOINT LOCK STRIKE PLATE @ SILL	STEEL
15	PUBLIC ACCESS THRESHOLD	ALUM	80	ASTRAGAL STRIKE PLATE	STEEL
16	OUTSWING THRESHOLD	ALUM/COMP	88	2X MULLION (SG >= 0.55)	WOOD
17	OUTSWING 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 R3 CONCRETE ANCHOR NOTES:		
18	OUTSWING THRESHOLD	ALUM/COMP			
19	COASTAL OUTSWING THRESHOLD	ALUM/WOOD			
20	COASTAL ALUMINUM ASTRAGAL	ALUM			
23	#10 x 3/4" PFH WOOD SCREW	STEEL			
24	#10 x 1" PFH WOOD SCREW	STEEL			

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

CONCRETE ANCHOR NOTES:

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.

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

T: THERMA-TRU
FIBERGLASS DOOR

FOR ASSEMBLY:
BILL OF MATERIALS

[illegible]

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20470.3

SHEET 14 OF 14