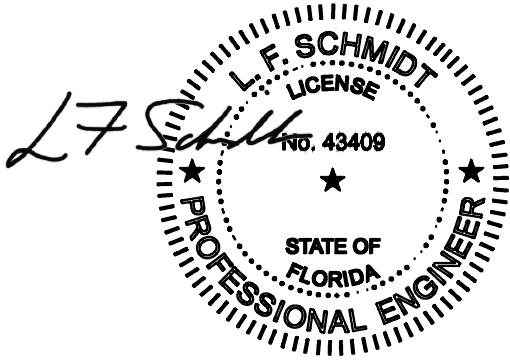


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THERMA-TRU[®]
DOORS

Fiber-Classic[®] & Smooth-Star[®]

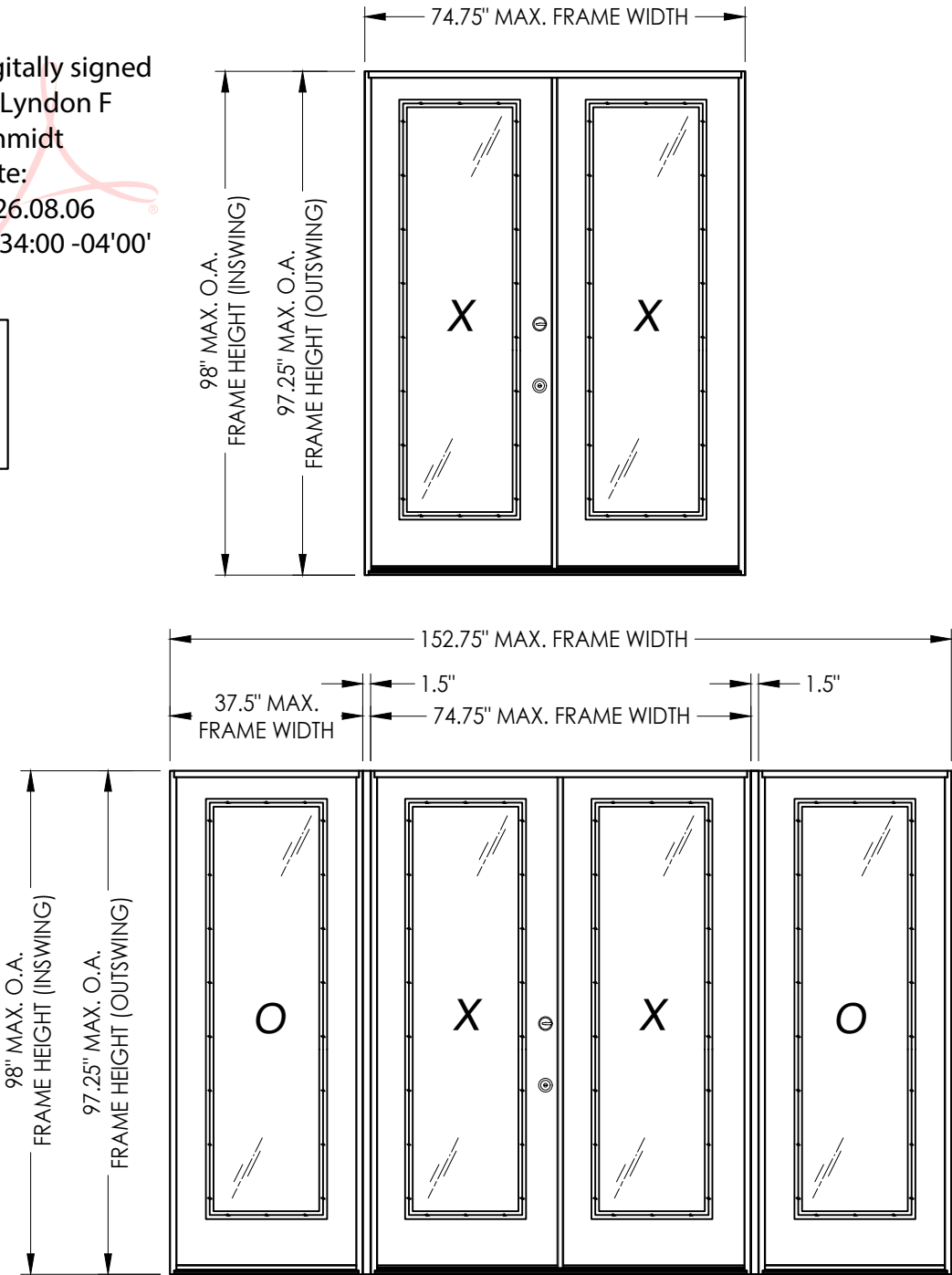
COMPOSITE EDGE
GLAZED FIBERGLASS DOUBLE DOOR
w/ or w/out SIDELITES
INSWING/OUTSWING
"IMPACT"



Digitally signed
by Lyndon F
Schmidt
Date:
2026.08.06
11:34:00 -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



GENERAL NOTES

1. 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).
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 the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets the water infiltration requirements for the "HVHZ".
8. 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.

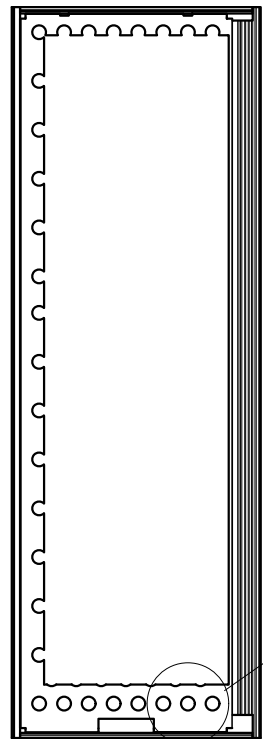
TABLE OF CONTENTS			
SHEET#	DESCRIPTION	SHEET#	
1	Typical Elevations, Design Pressures & General Notes	8	Vertical Cross Sections (Thresholds)
2	Door Panel Details	9	Buck Anchoring
3	Sidelite Panel Details	10	Frame Anchoring
4	Elevations	11	Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)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

CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX, OXXO	+50.0	-55.0	+50.0	-50.0

See Sheet 4 for Hardware Specifications

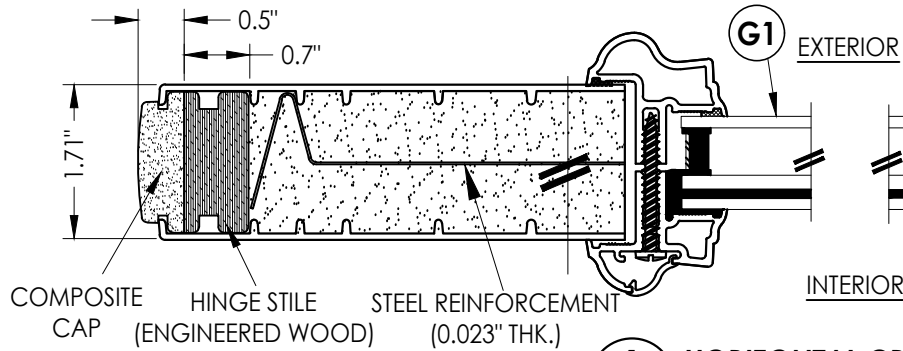
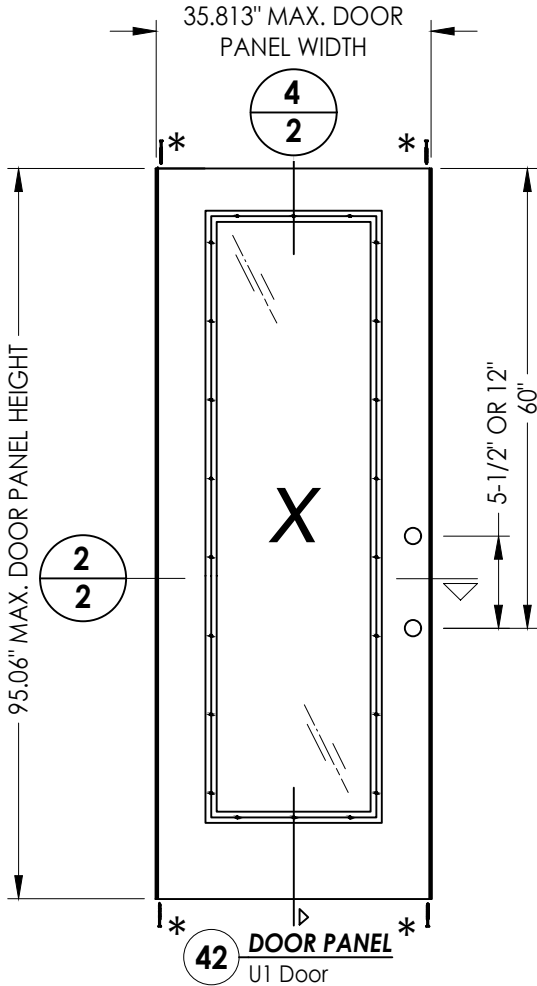
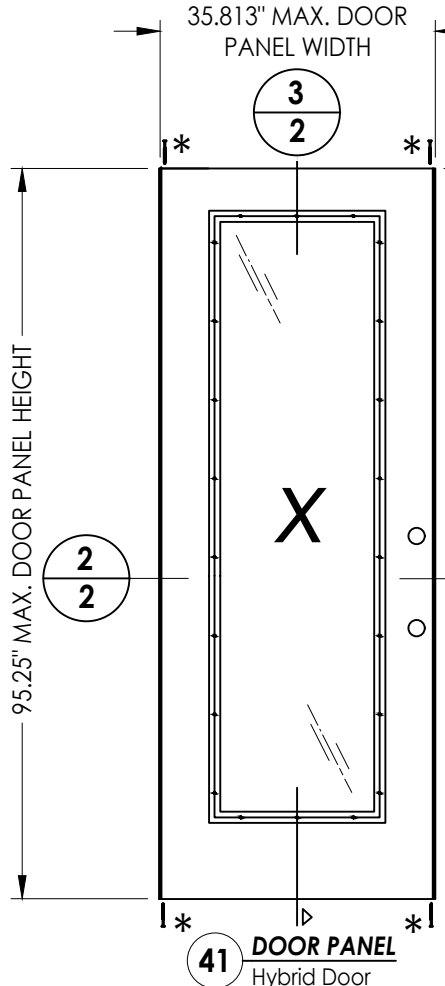
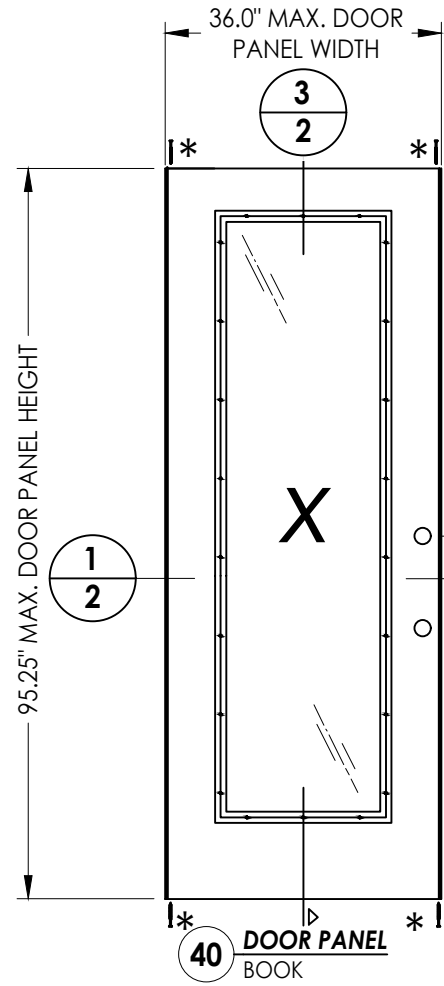
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813				
PRODUCT: THERMA-TRU FIBERGLASS DOOR					PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES				
5	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS				
4	7/25/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS				
3	7/22/20	UPDATE TO 7th ED	(2020)	FBC	LFS				
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING		LFS	LFS				
1	7/14/17	UPDATE TO 6TH ED.	(2017)	FBC	JK				
NO.		DATE				REVISIONS			
DATE: 8/02/16									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-20470.12									
SHEET 1 OF 14									

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.10-12.dwg

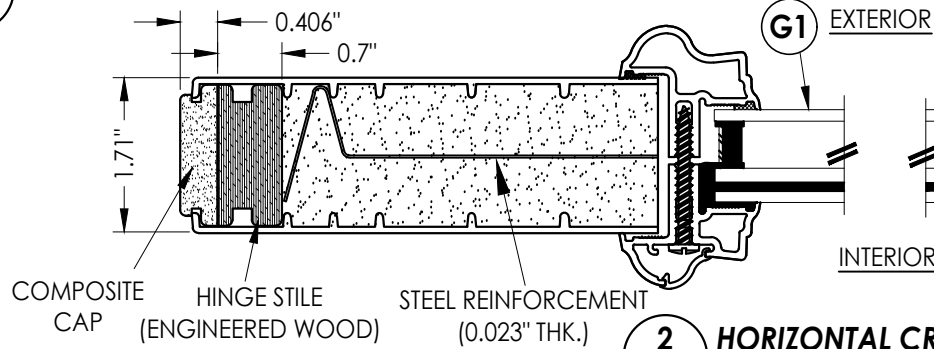


DETAIL A-A
PANEL REINFORCEMENT
(0.023" Thick Steel)

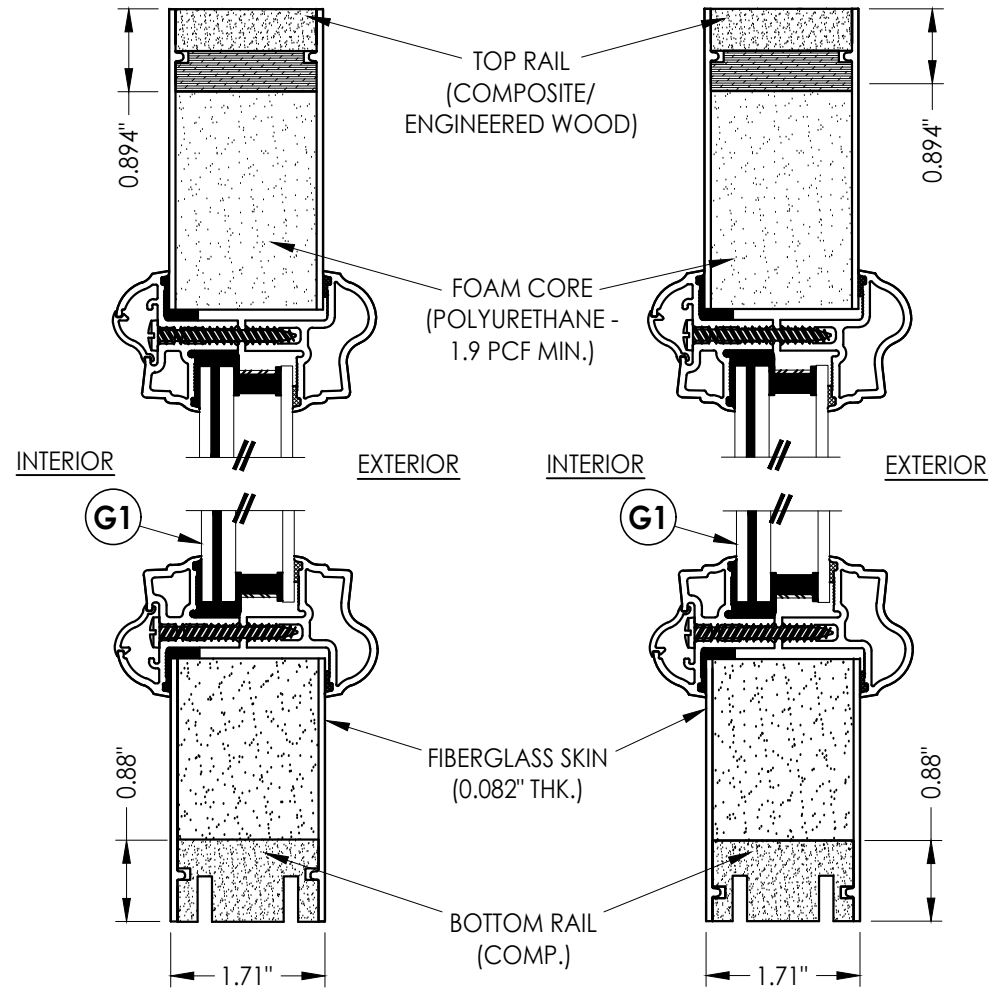
* #8 X 2.5" PFH WS (TYP. @ EACH DOOR CORNER)



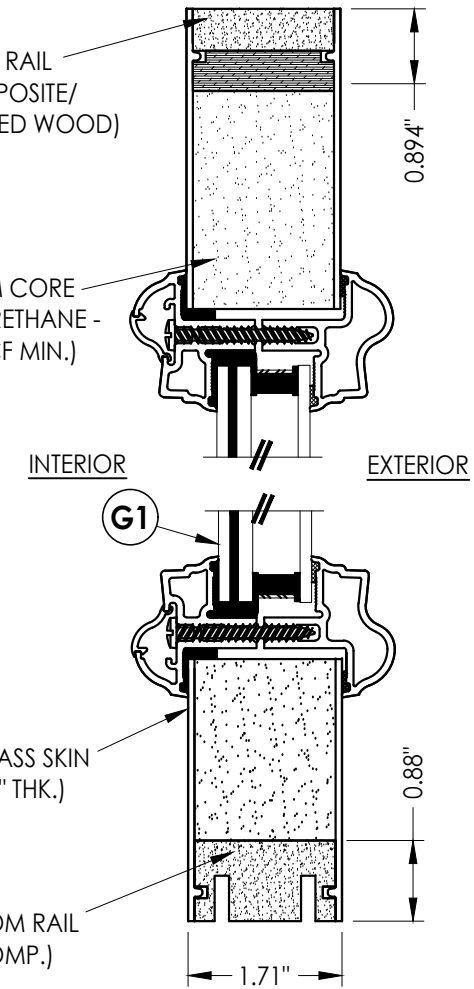
1
2 **HORIZONTAL CROSS SECTION**



2
2 **HORIZONTAL CROSS SECTION**



3
2 **VERTICAL CROSS SECTION**



4
2 **VERTICAL CROSS SECTION**

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

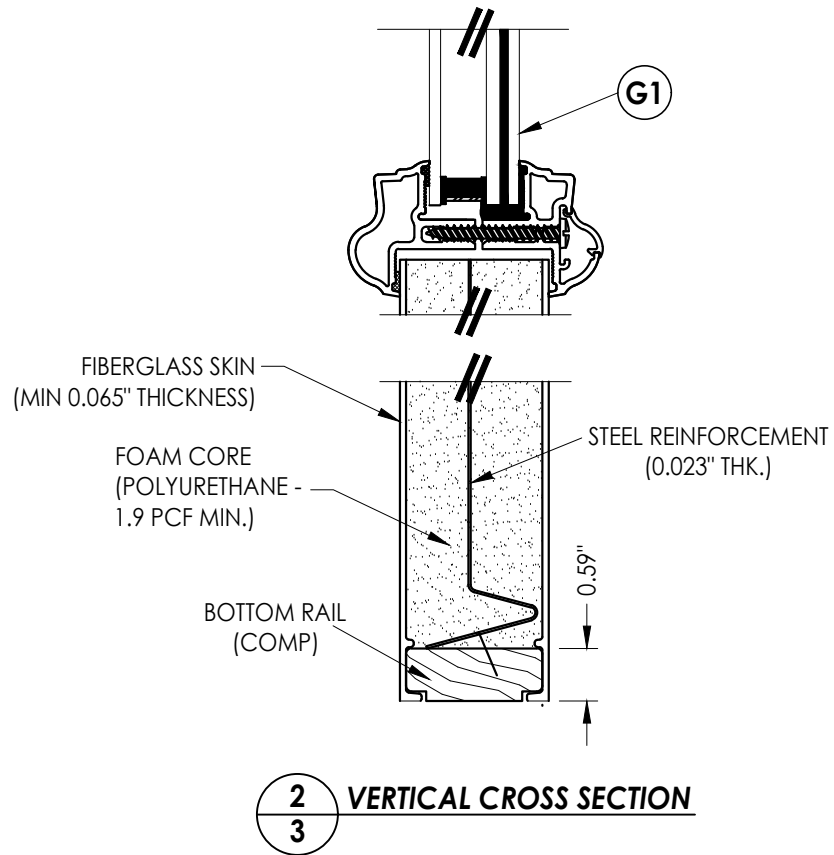
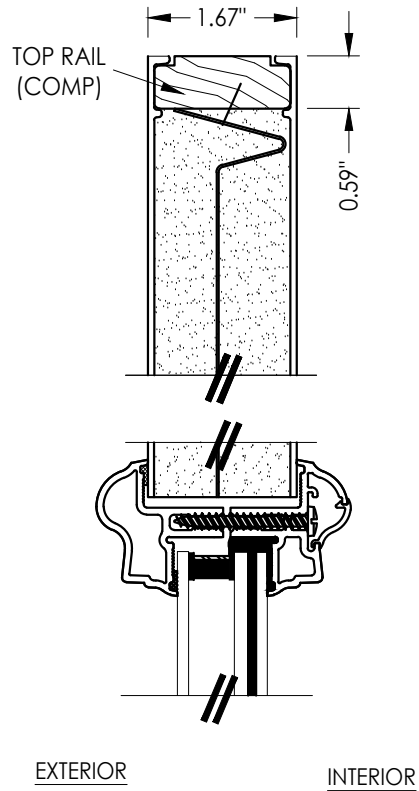
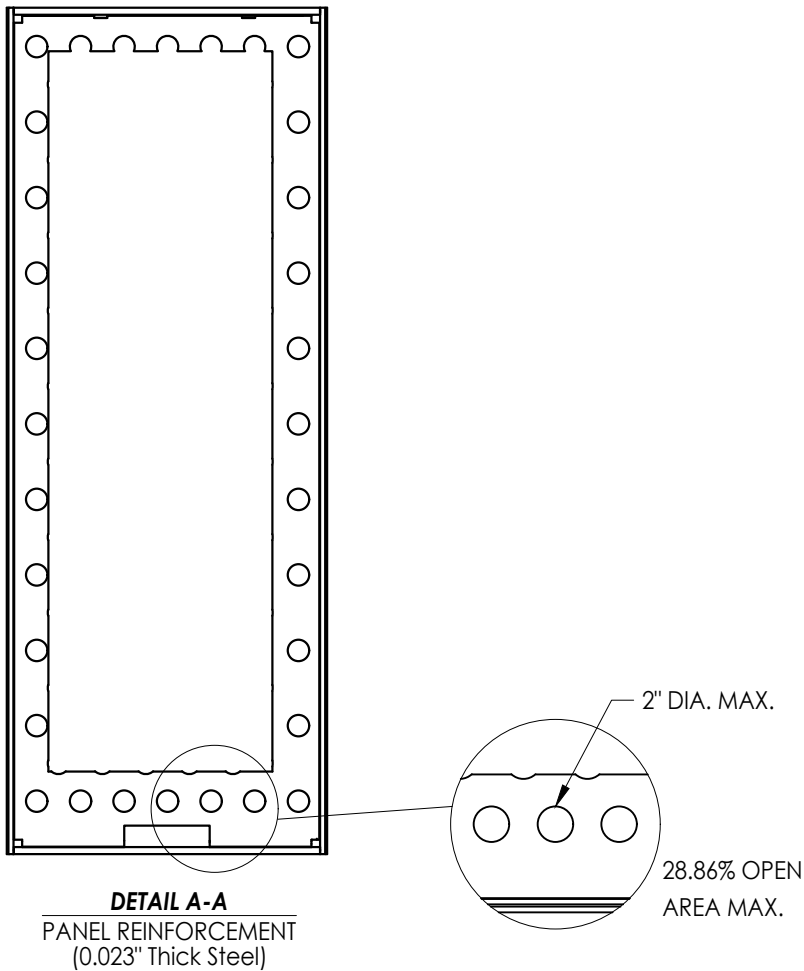
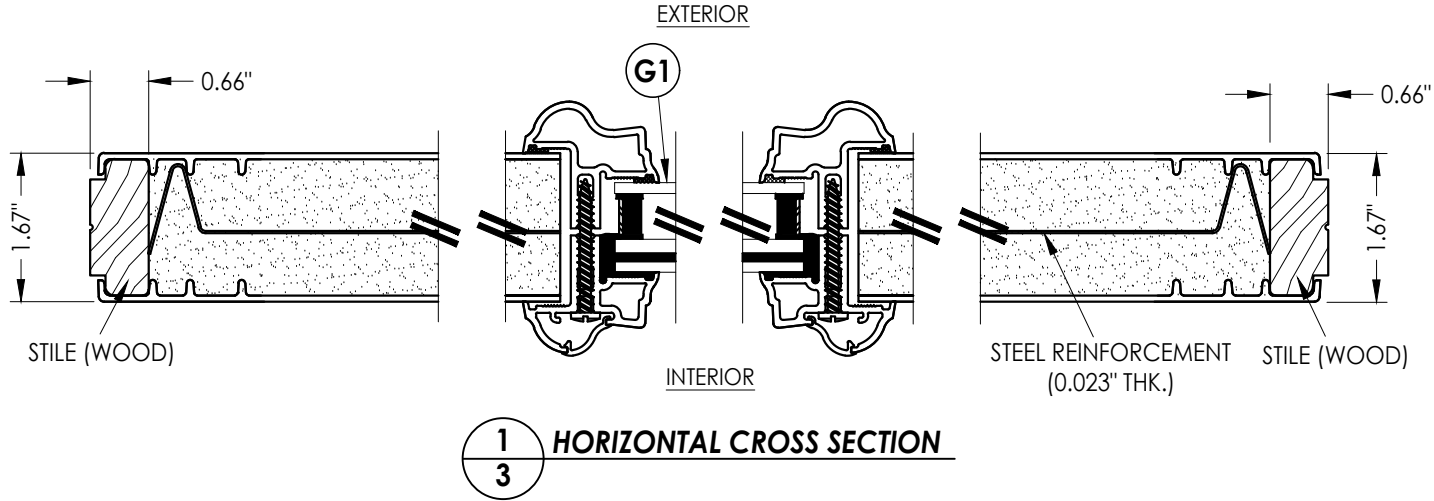
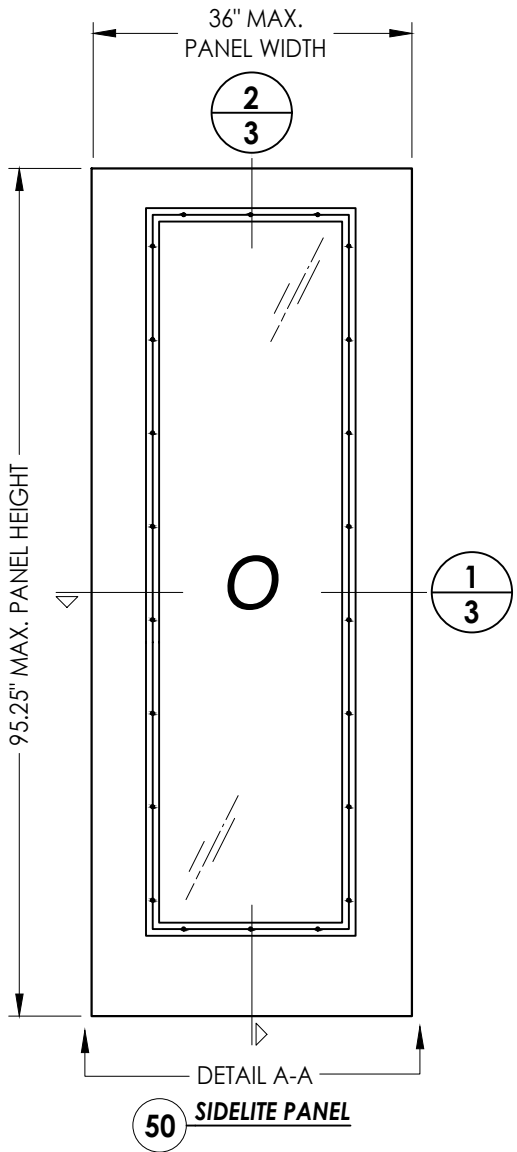
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

NO.	DATE	REVISIONS			
		BY	CHK.	DATE	DESCRIPTION
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/22/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	4/06/19	ADD 5-1/2\" LATCH/DB SPACING	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-20470.12
SHEET 2 OF 14

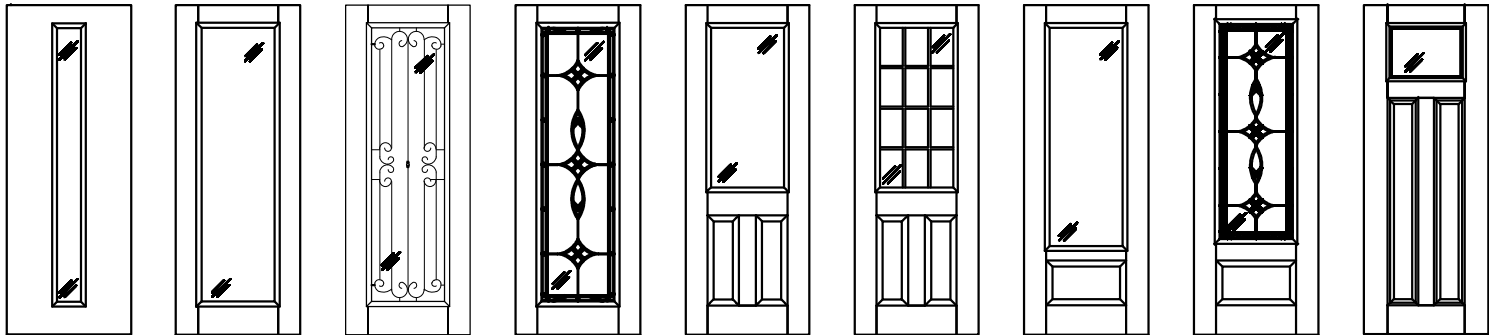
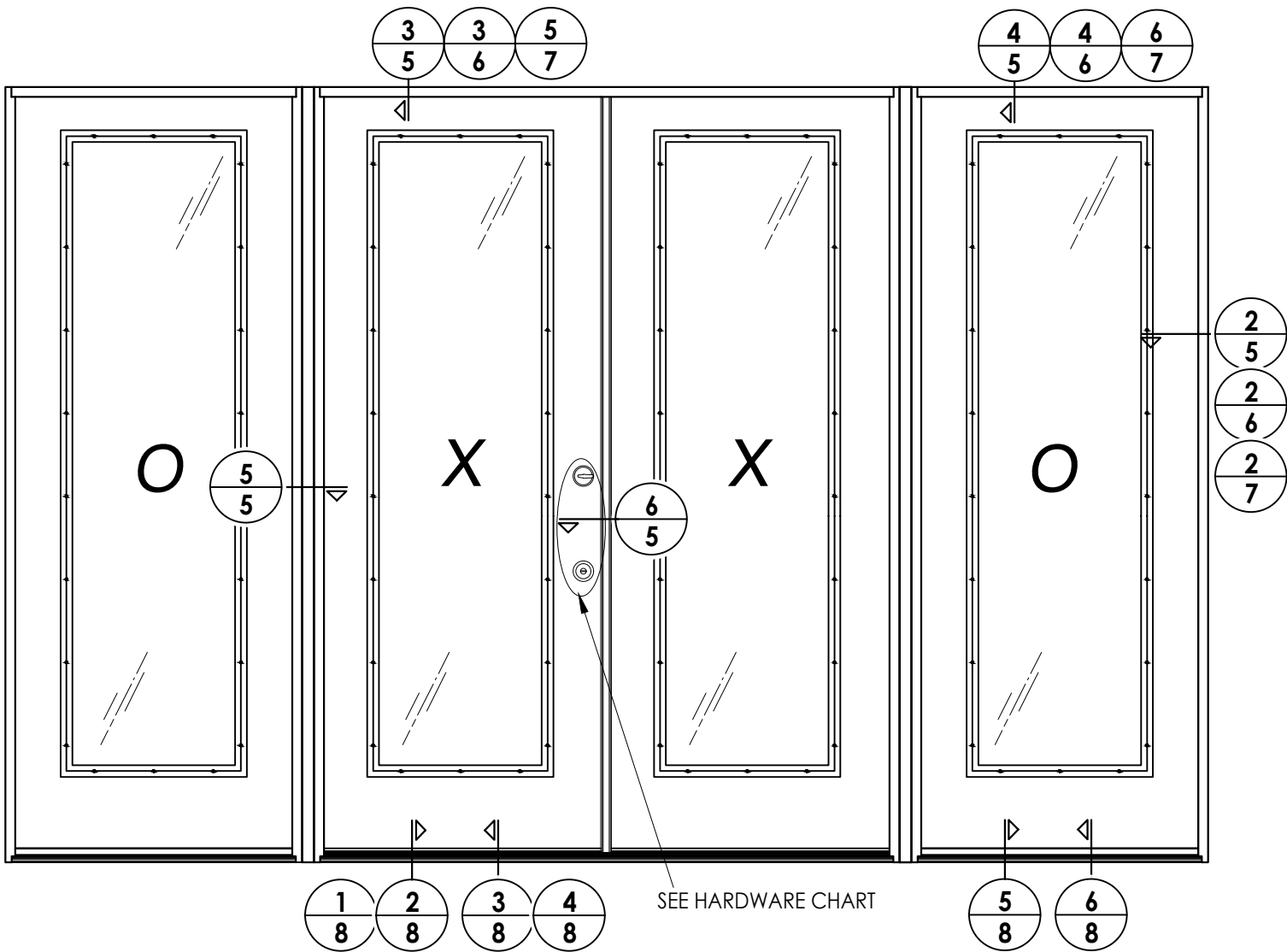
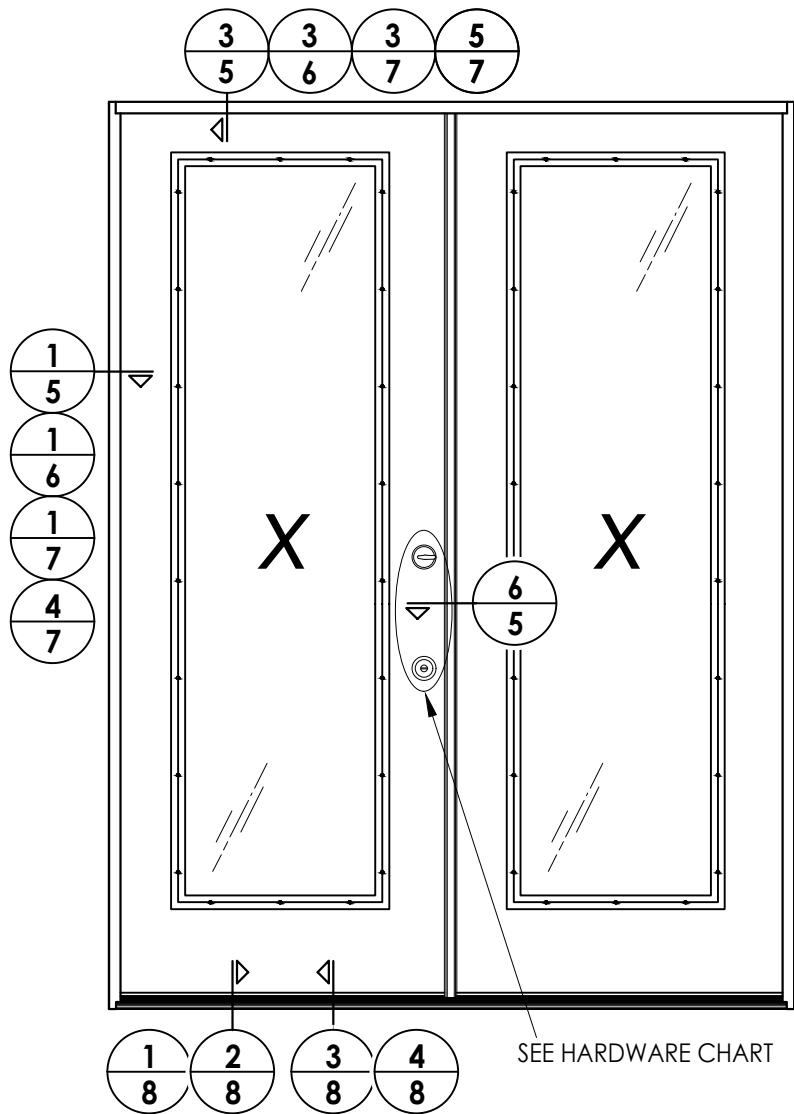
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		THERMA-TRU FIBERGLASS DOOR			
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS			
DATE:		08/02/16			
SCALE:		N.T.S.			
DWG. BY:		JK			
CHK. BY:		LFS			
DRAWING NO.:		FL-20470.12			
SHEET		3		OF 14	
				BY	
				REVISIONS	
				</	

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

		REVISIONS			
		NO.	DATE	BY	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS	
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING			
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

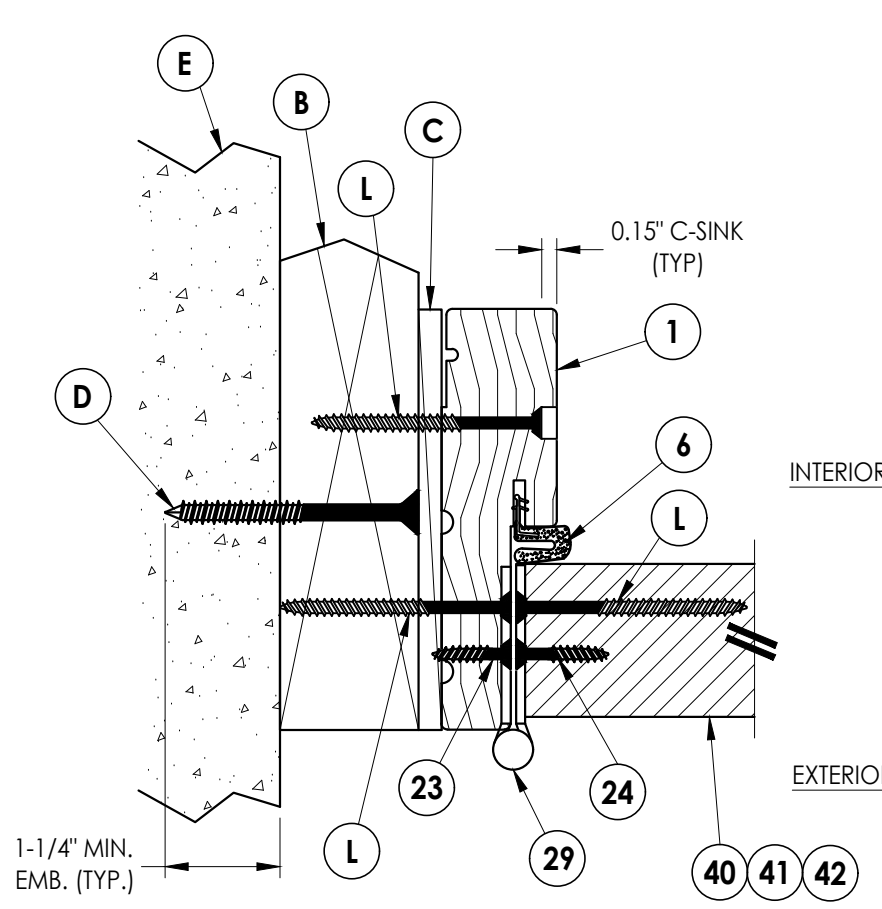
PRODUCT:	THERMA-TRU FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

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

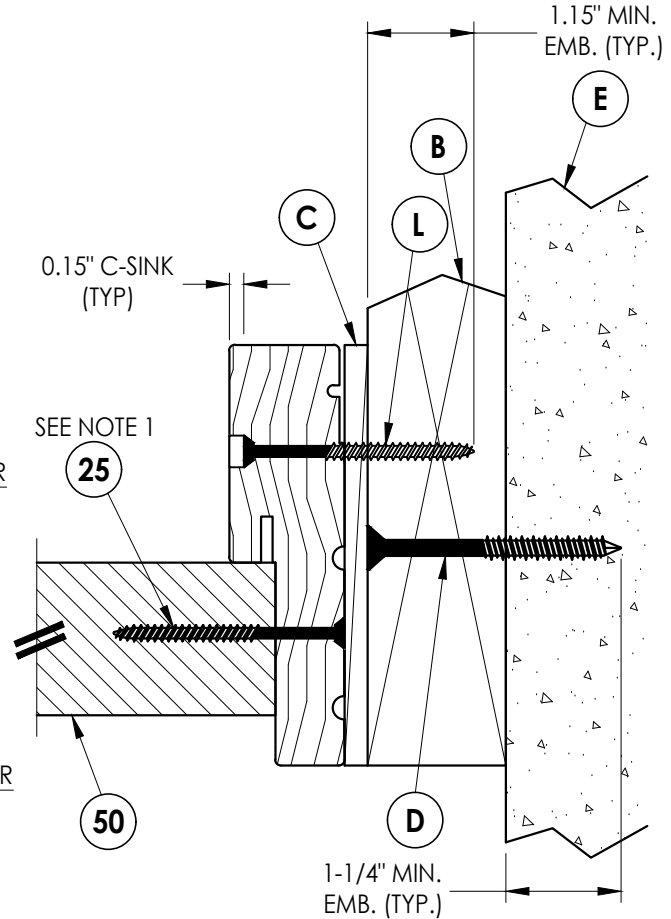
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 08/02/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20470.12
SHEET 4 OF 14

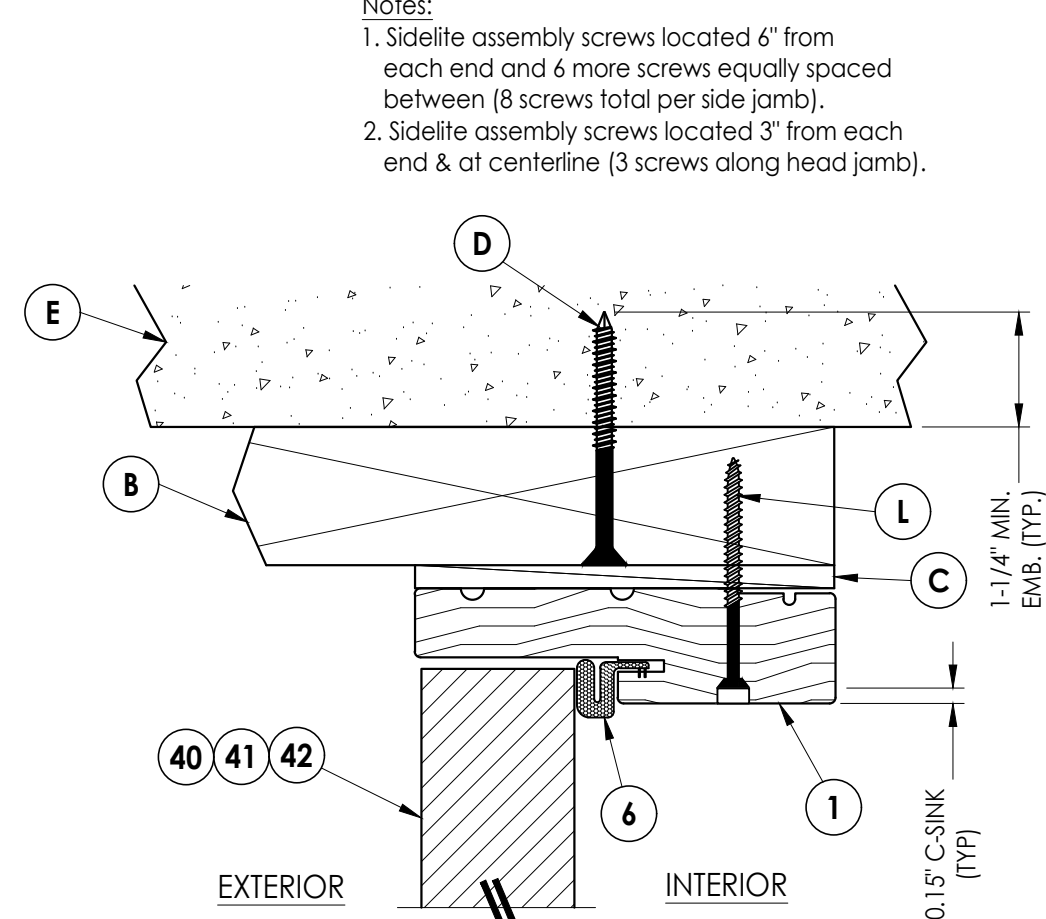
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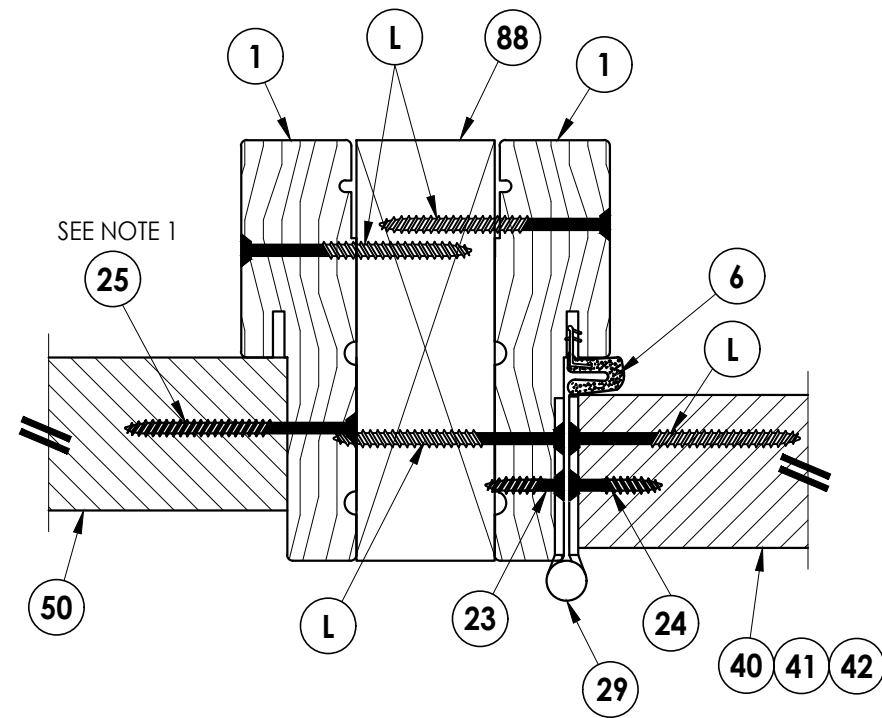
1 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



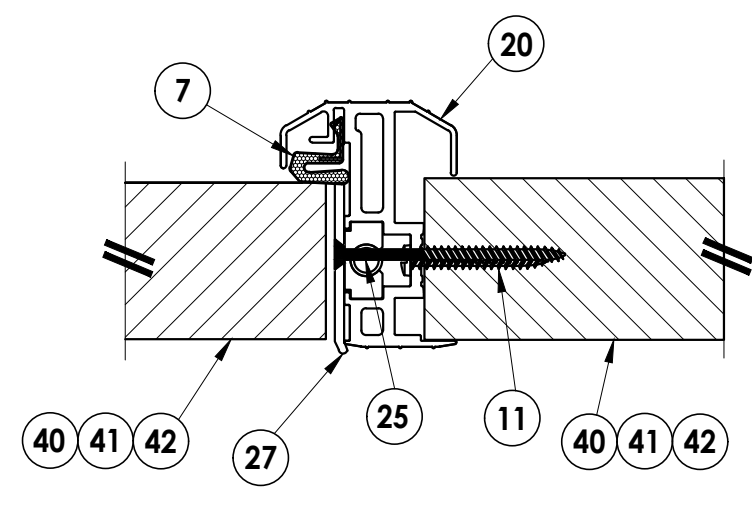
2 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



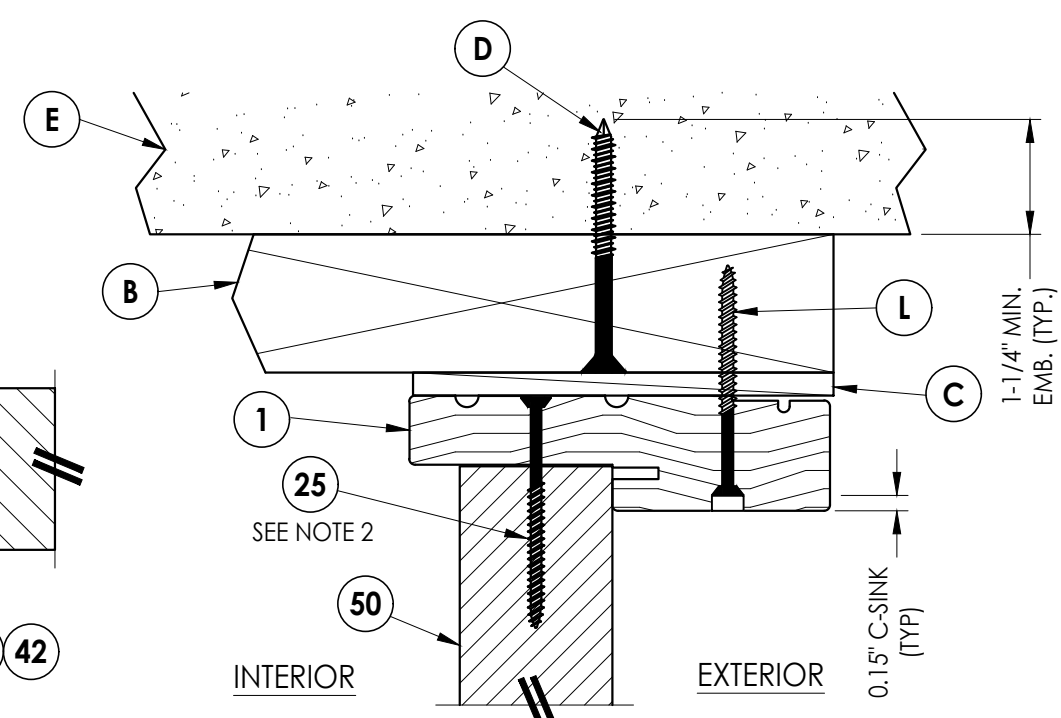
3 **VERTICAL CROSS SECTION**
5 Outswing shown (Inswing similar)



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



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



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

- Notes:
1. Sidelite assembly screws located 6" from each end and 6 more screws equally spaced between (8 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

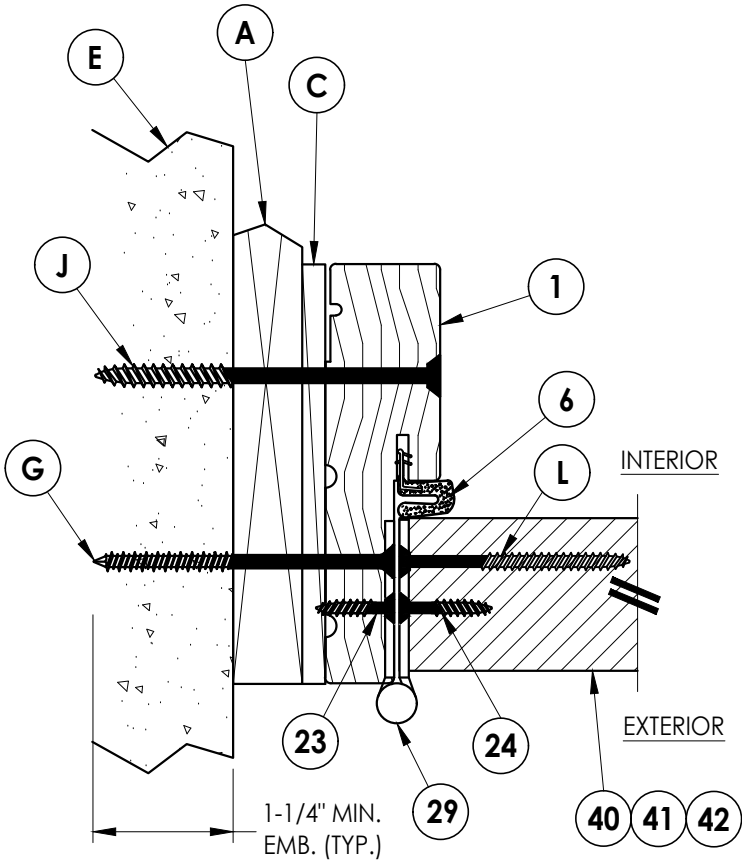
NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
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4	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS	
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING			
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 08/02/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20470.12
SHEET 5 OF 14

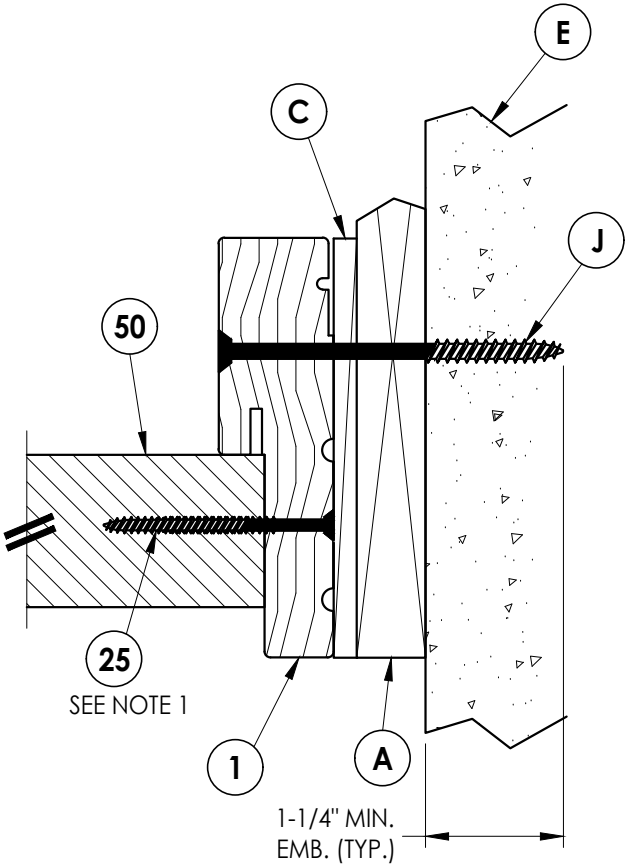
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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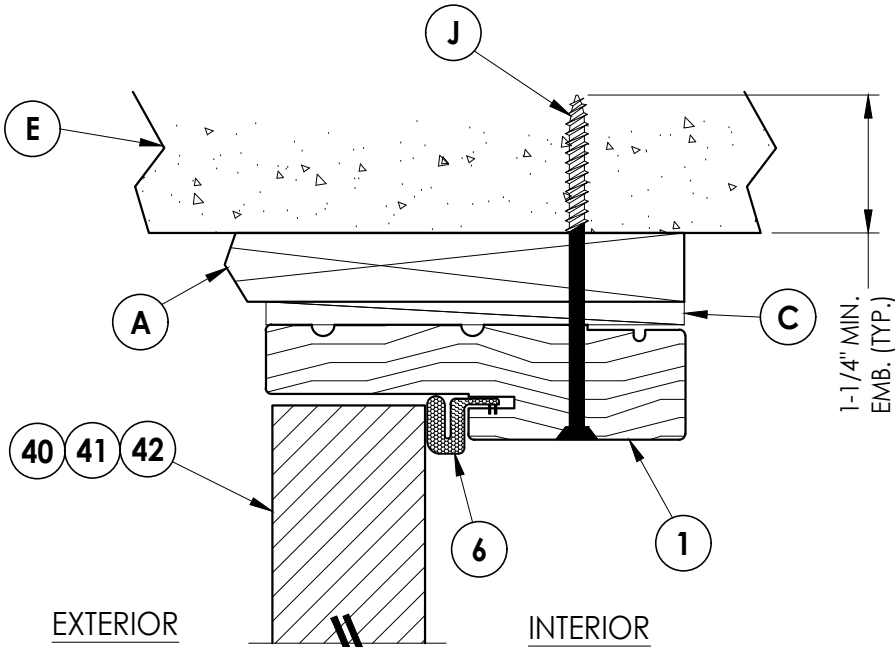
- Notes:
- 1. Sidelite assembly screws located 6" from each end and 6 more screws equally spaced between (8 screws total per side jamb).
 - 2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



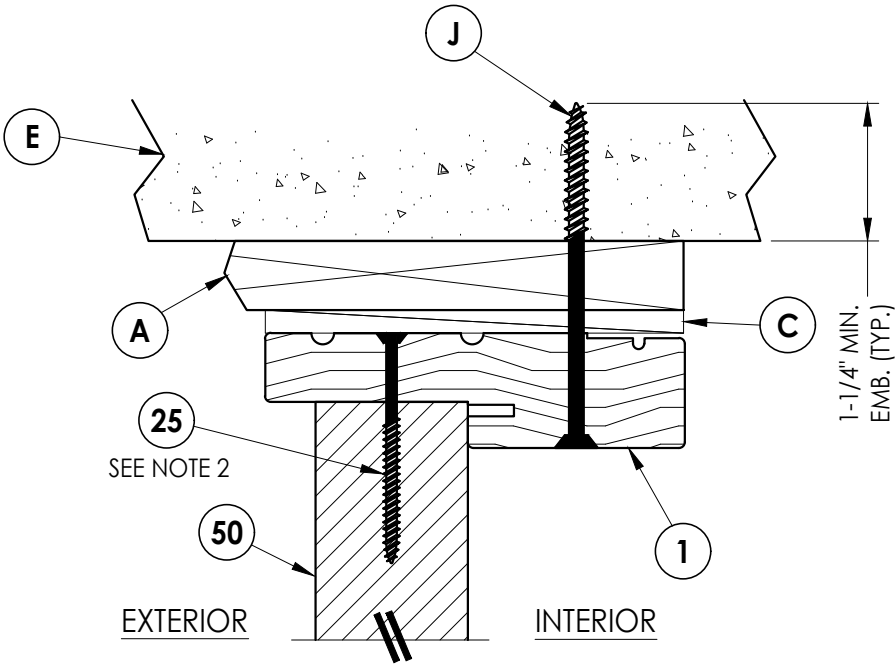
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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

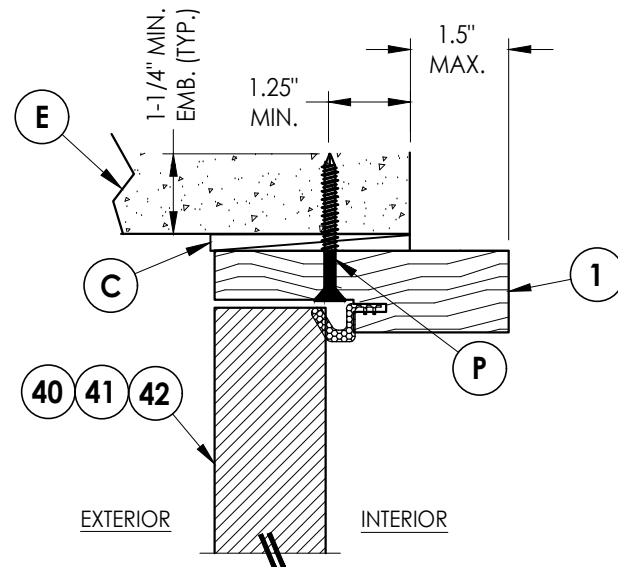


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6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

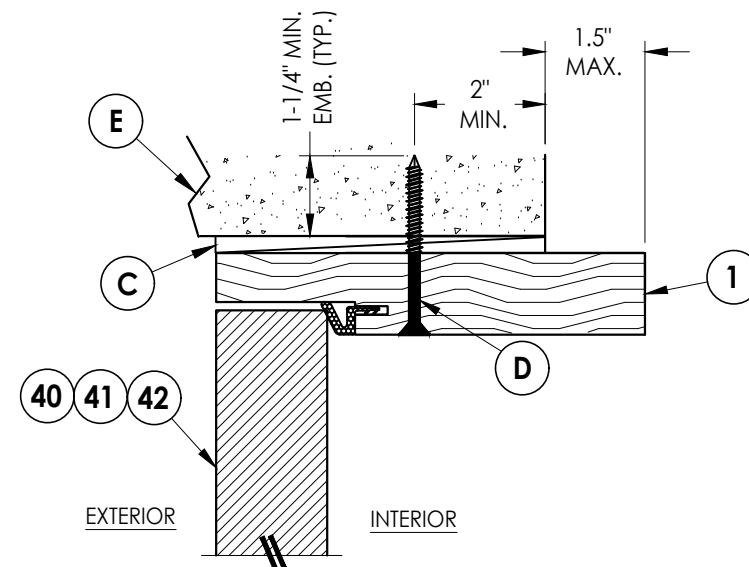


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6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

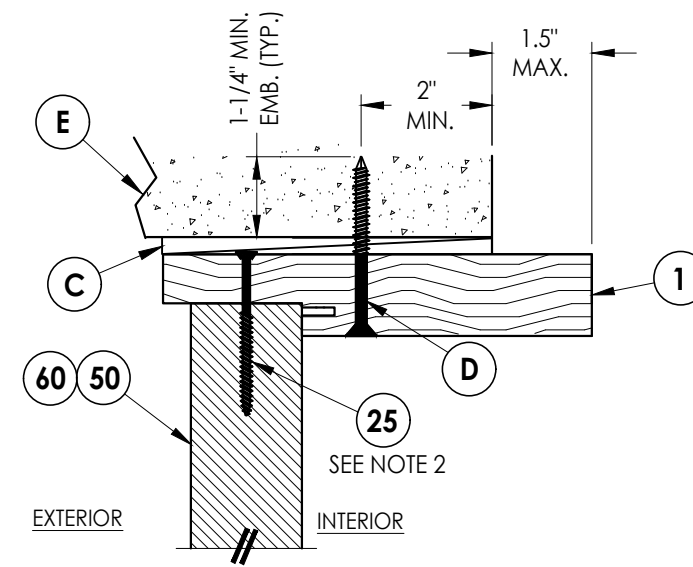
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
4	7/25/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	7/22/20	UPDATE TO 7th ED (2020)	FBC LFS
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING	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-20470.12			
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)



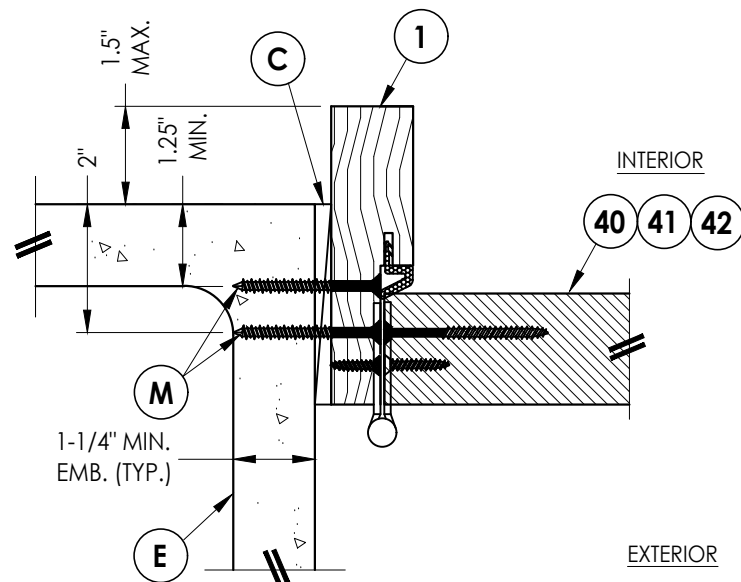
5 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



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

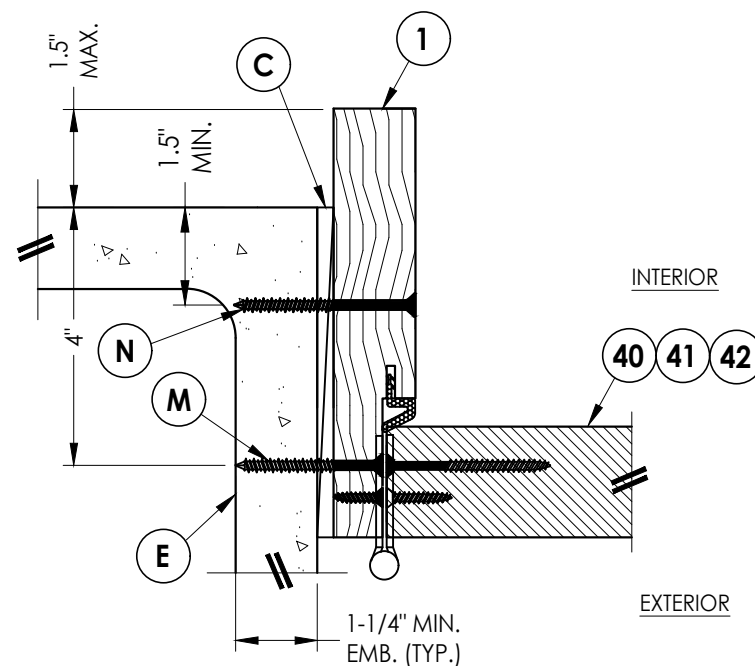
Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).

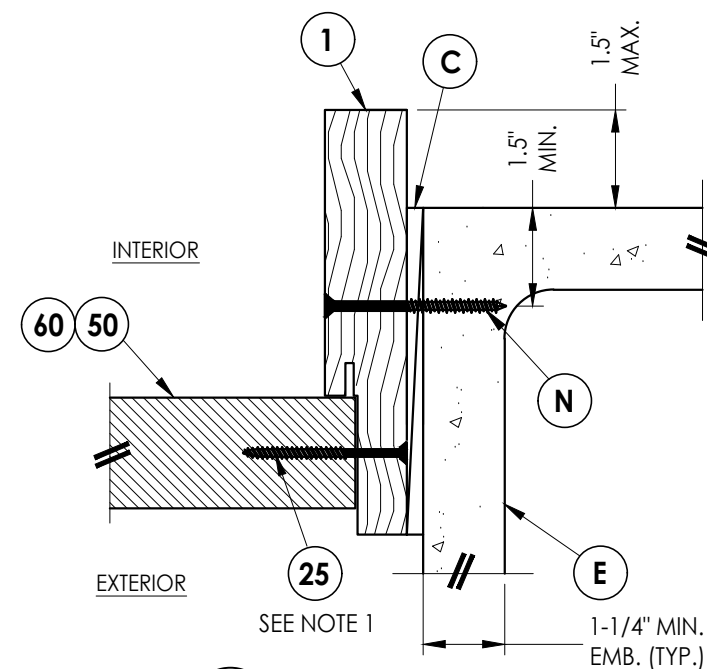


1 7 **HORIZONTAL CROSS SECTION**

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



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

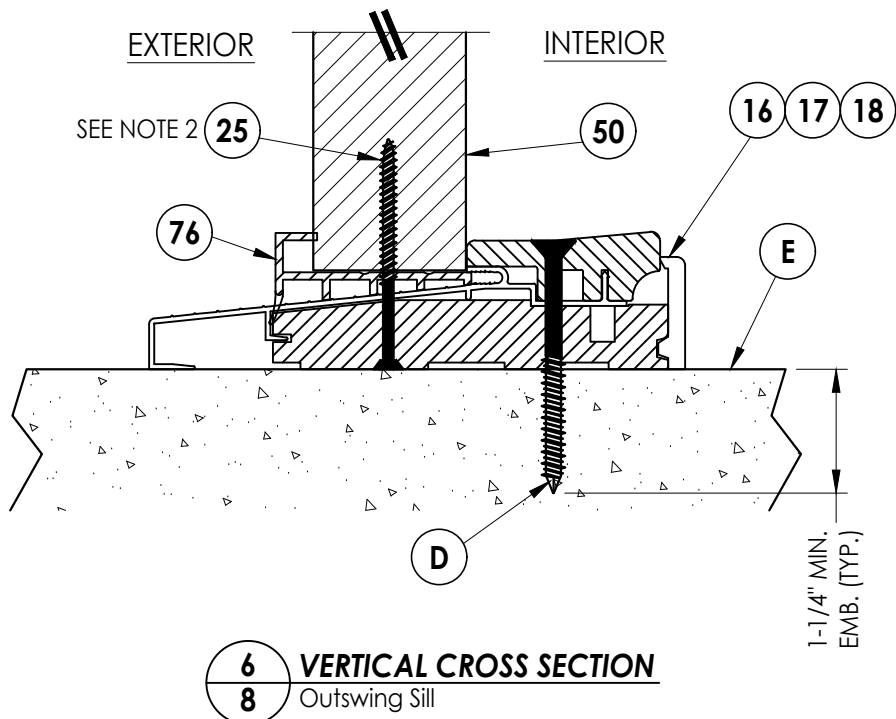
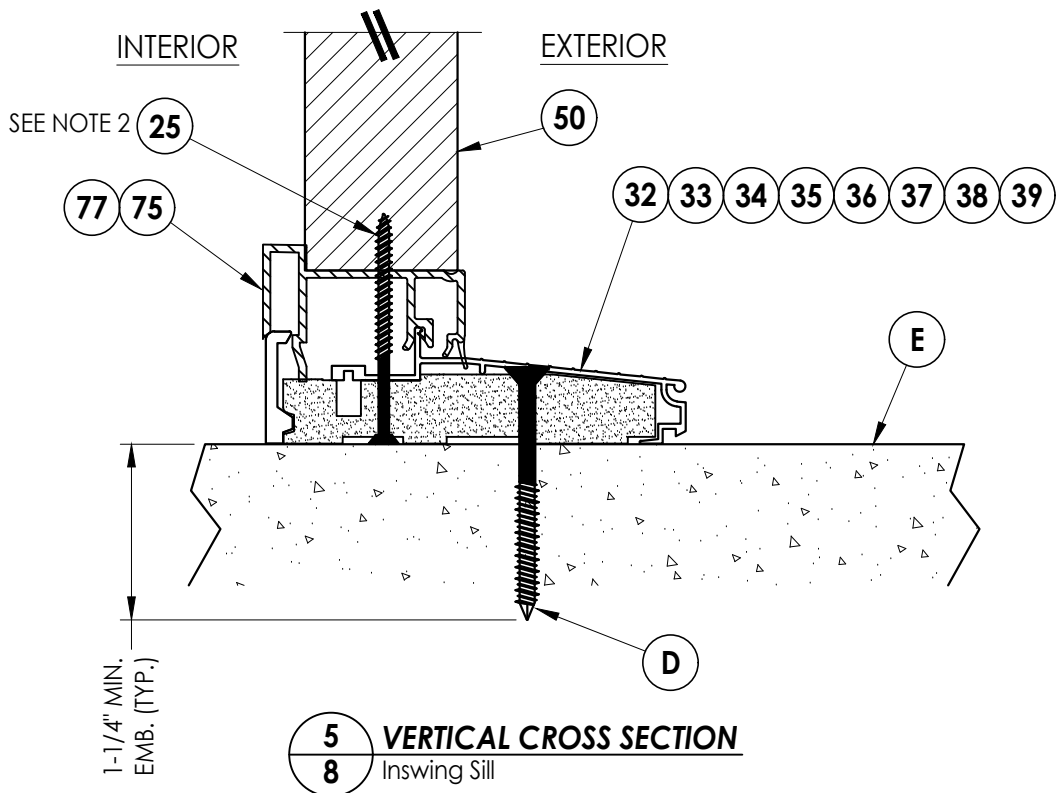
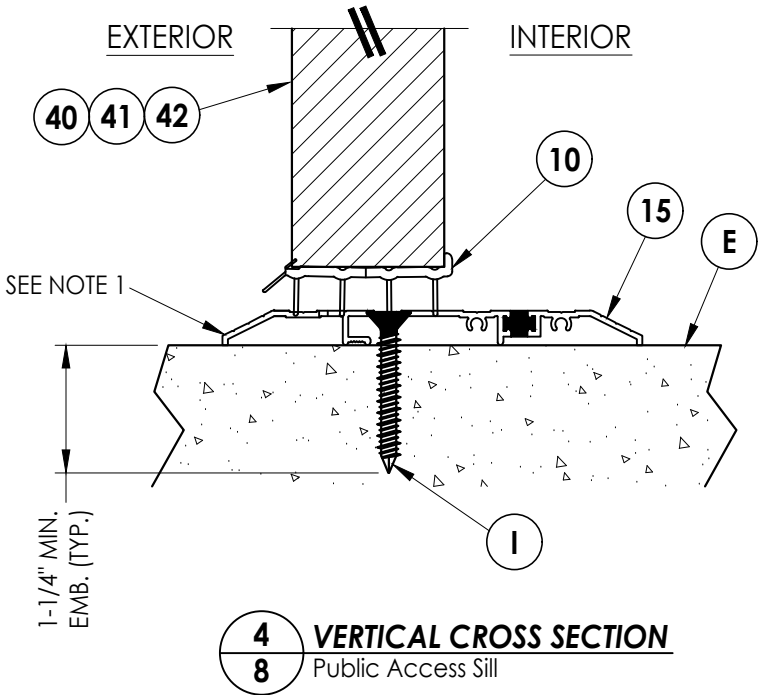
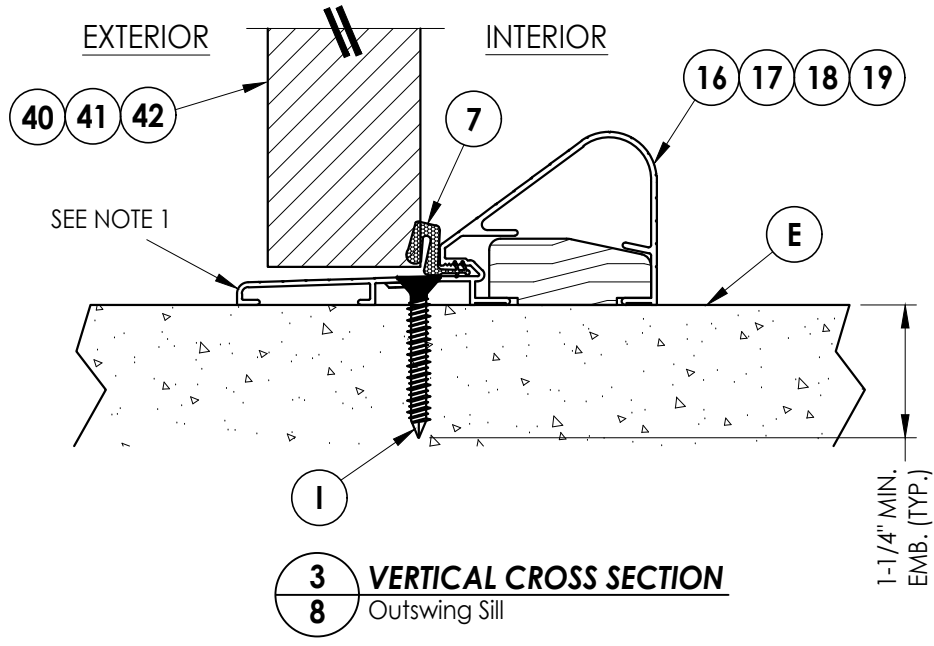
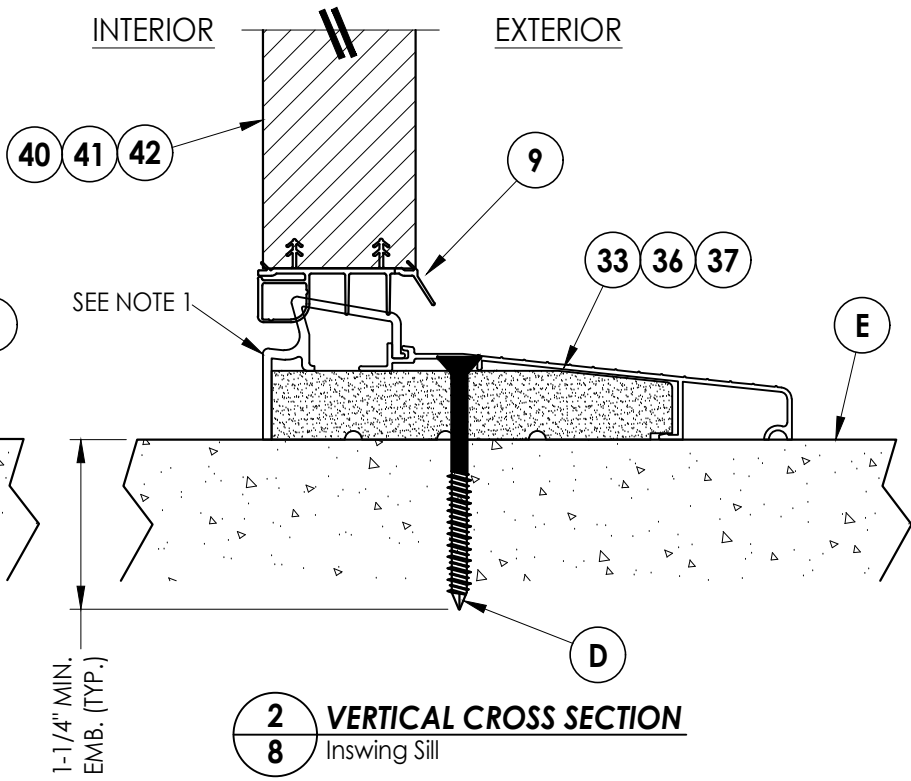
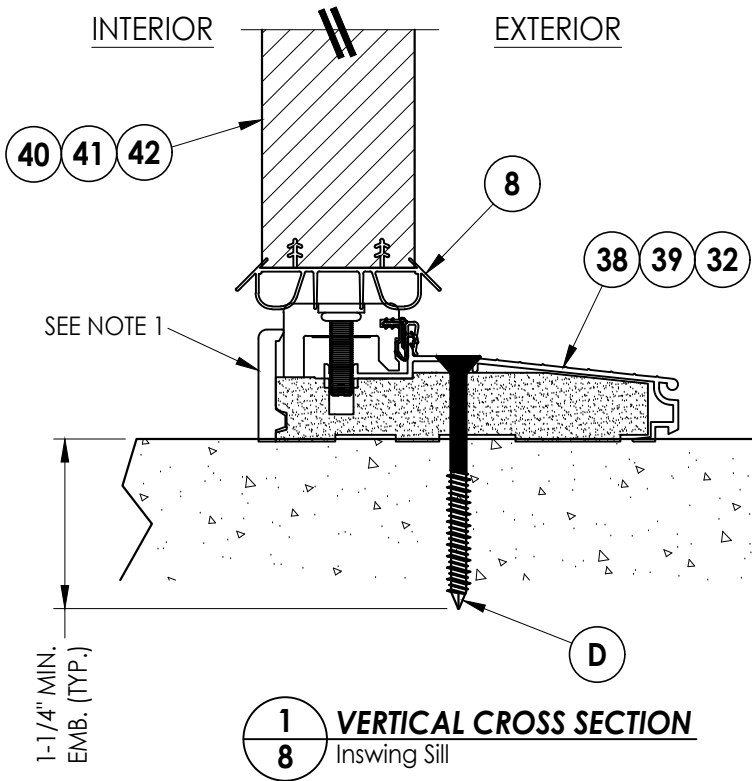


2 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb

DATE: 8/02/16										Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 <									
---------------	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--

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- Notes:
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

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
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	7/25/23	UPDATE TO 8TH ED. (2023) FBC
3	7/22/20	UPDATE TO 7th ED. (2020) FBC
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC
NO.	DATE	BY

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

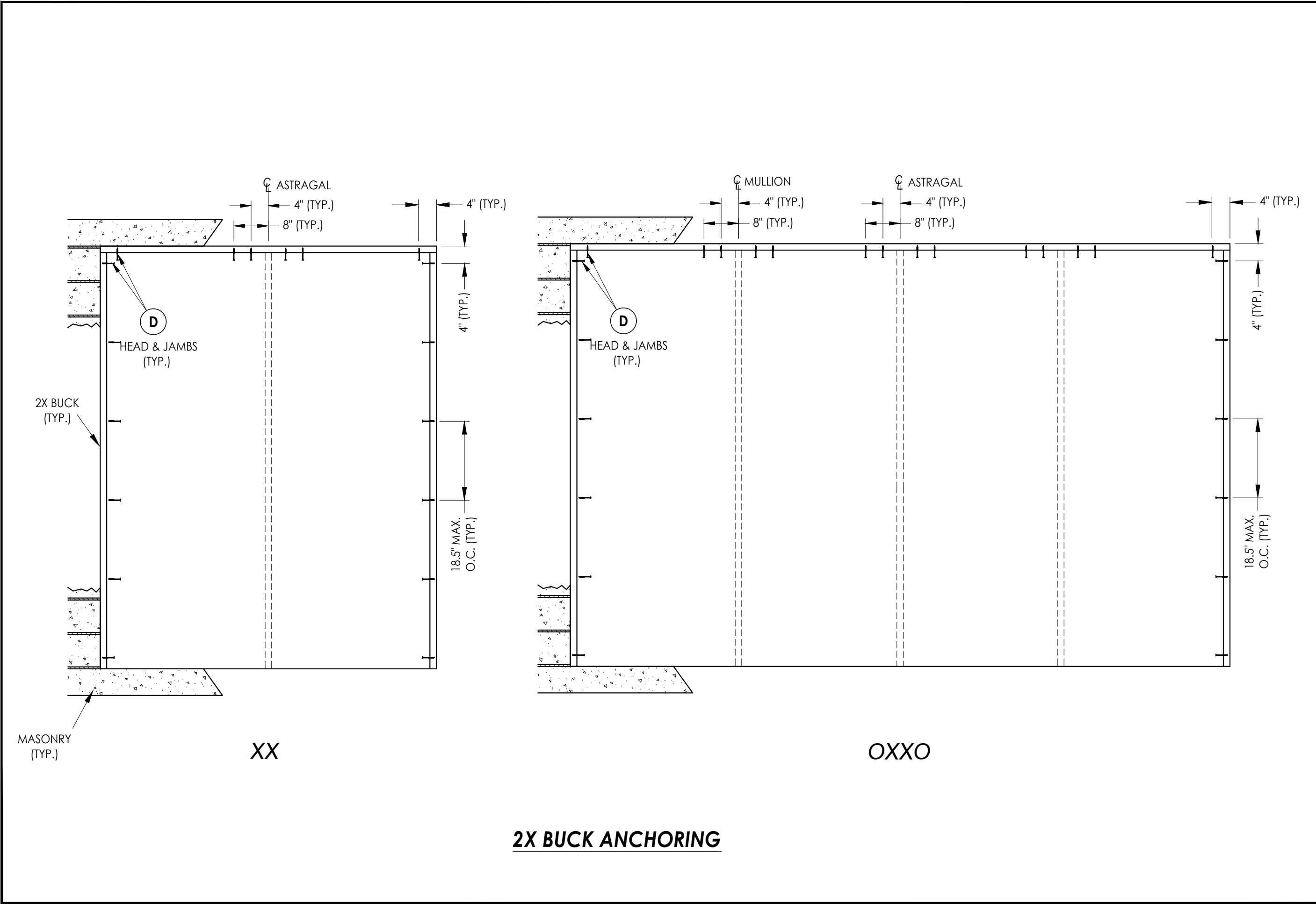
CHK. BY: LFS

DRAWING NO.:

FL-20470.12

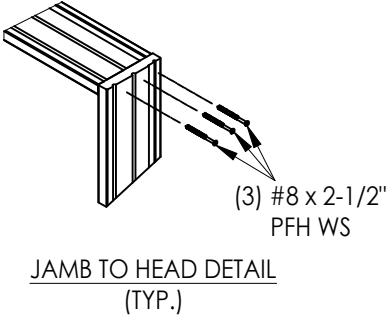
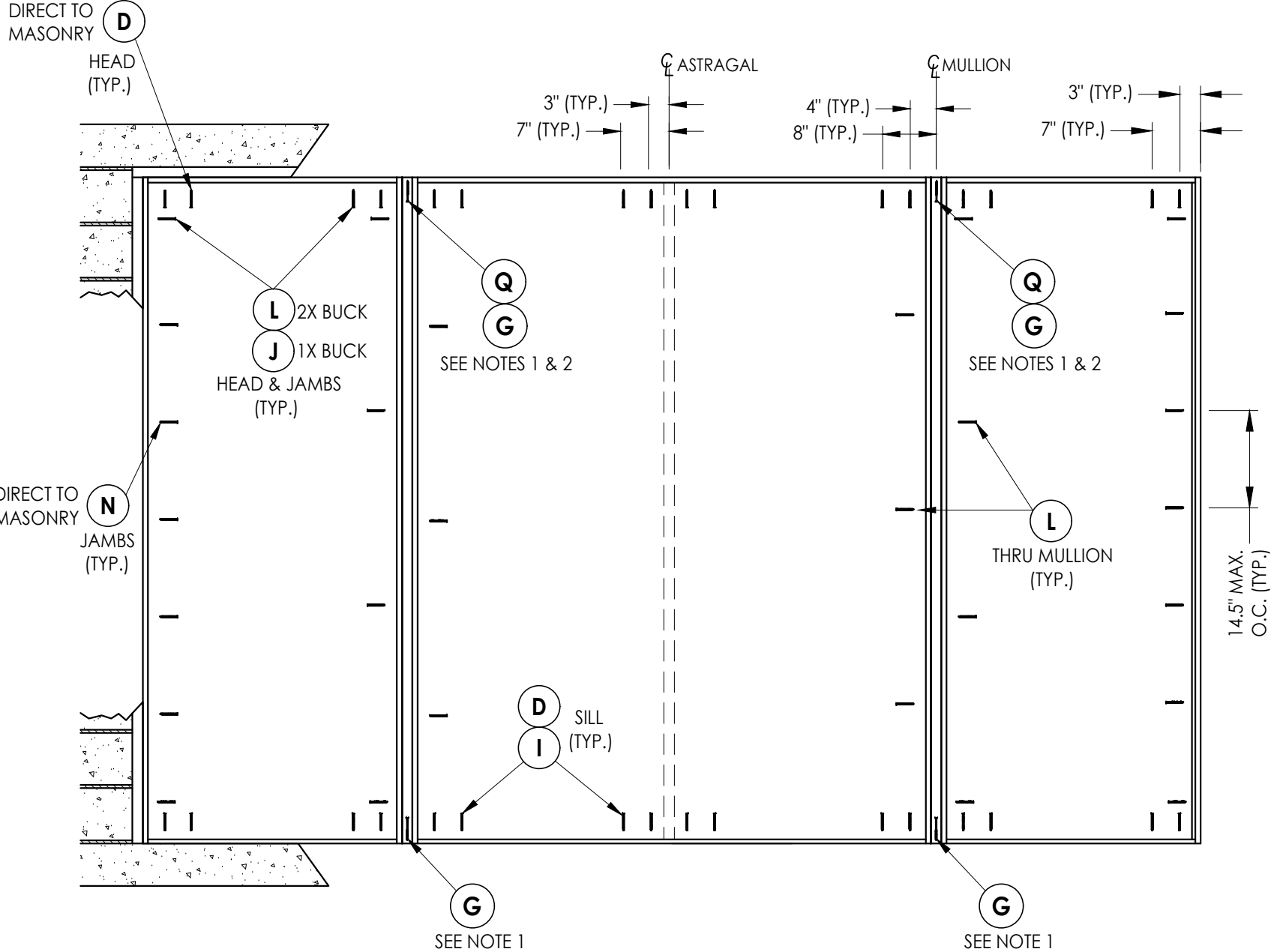
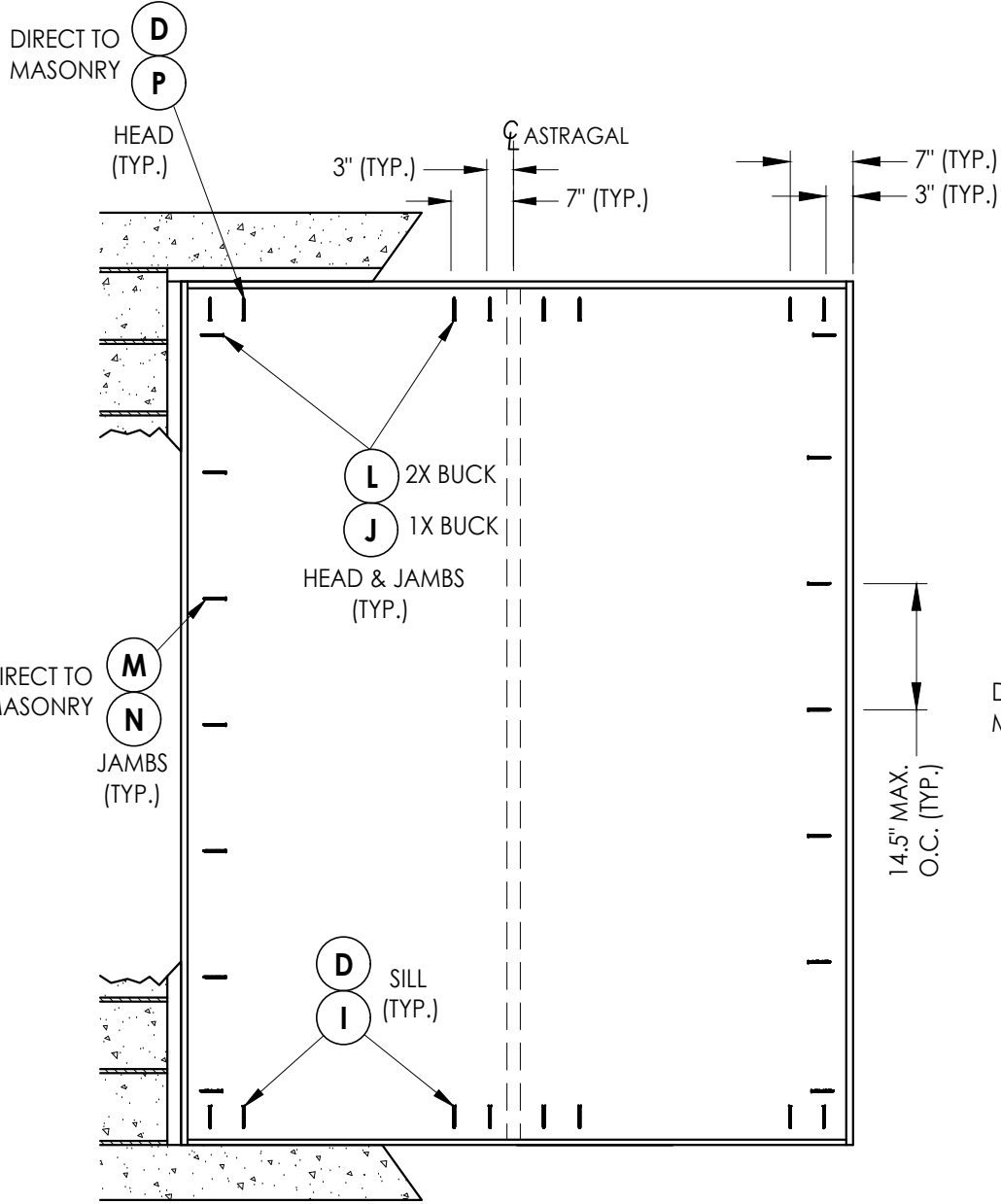
SHEET 8 OF 14

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.10-12.dwg



DATE: 08/02/16		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		BUCK ANCHORING			
DRAWING NO.: FL-20470.12					
SHEET 9 OF 14					

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.10-12.dwg



- NOTES:
- 3/16" x 3-1/4" ITW concrete screw toe-nailed through mullion into masonry (each face).
 - #10 X 3" wood screw toe-nailed through mullion into 2X Buck (each face).

FRAME ANCHORING

NO.		DATE	REVISIONS			
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
4	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS		
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING	FBC	LFS		
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
				BY		

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20470.12

SHEET 10 OF 14

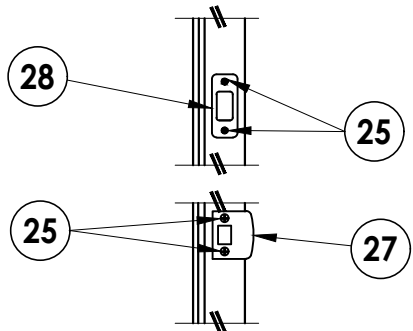
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

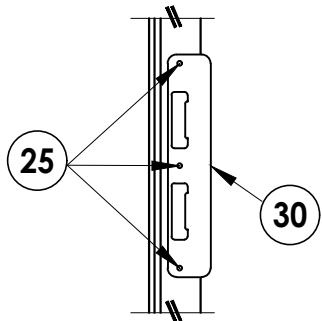
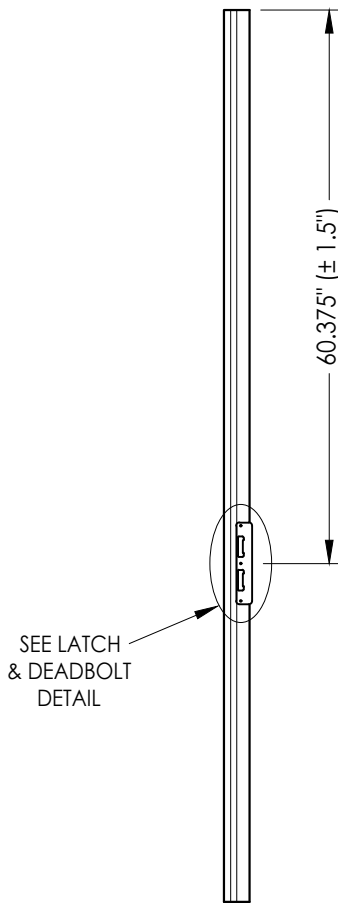
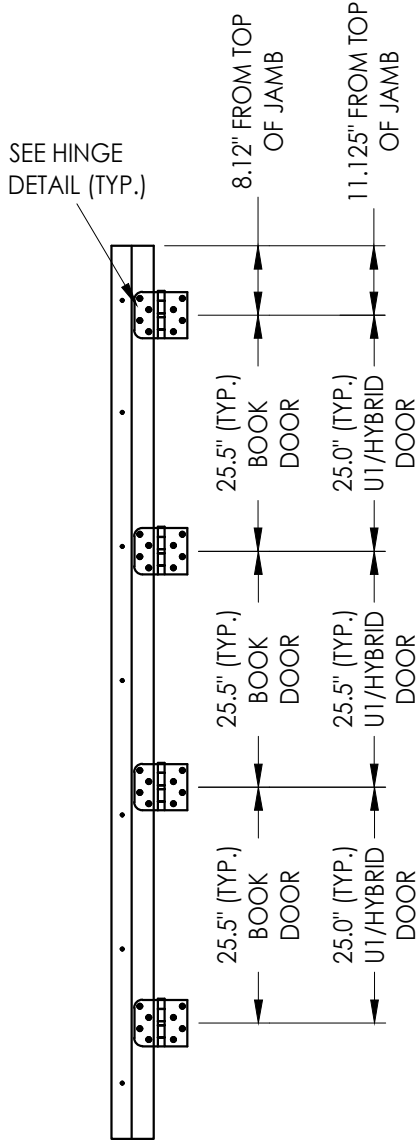
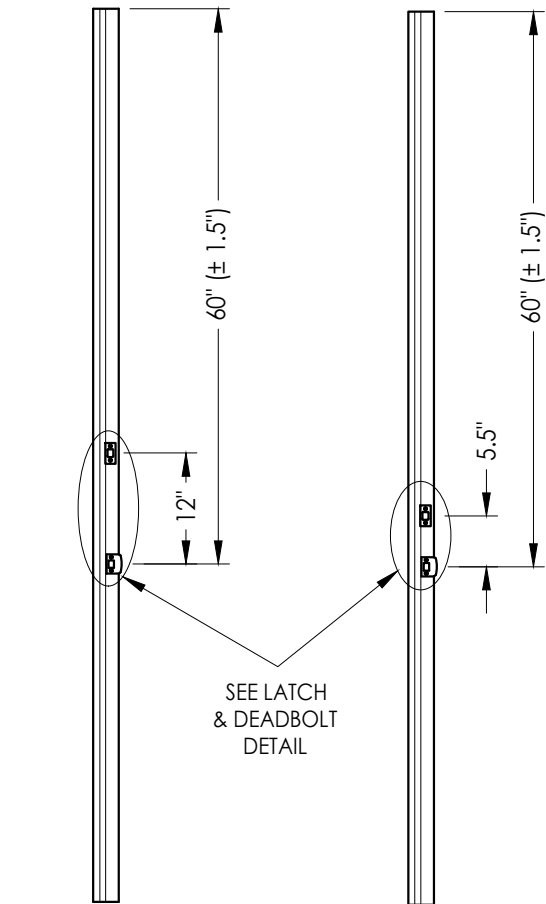
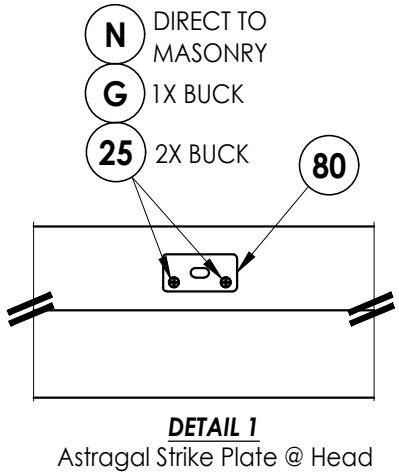
PART OR ASSEMBLY:
FRAME ANCHORING

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

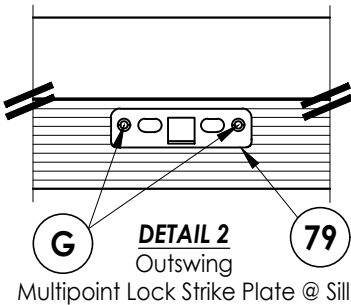
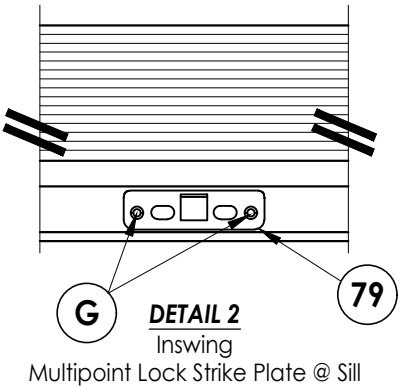
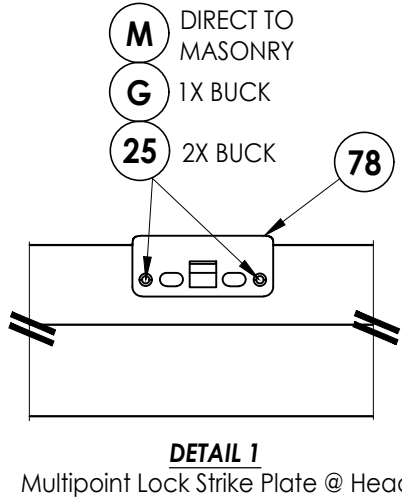
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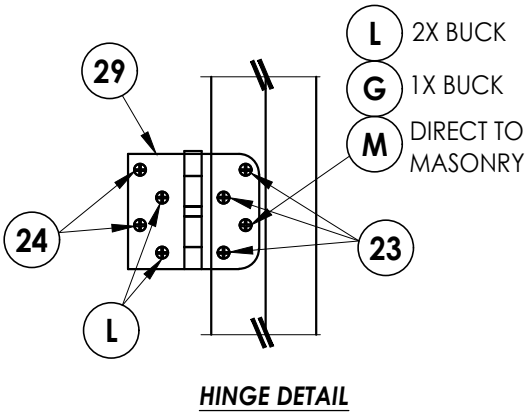
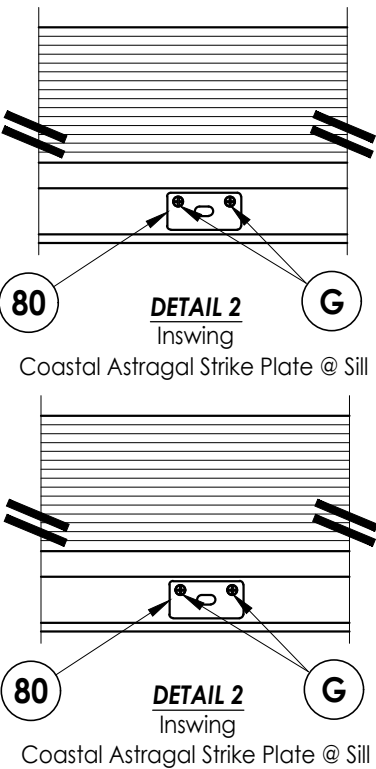
LATCH & DEADBOLT DETAIL
Schlage / Kwikset



LATCH & DEADBOLT DETAIL
Multipoint Lock

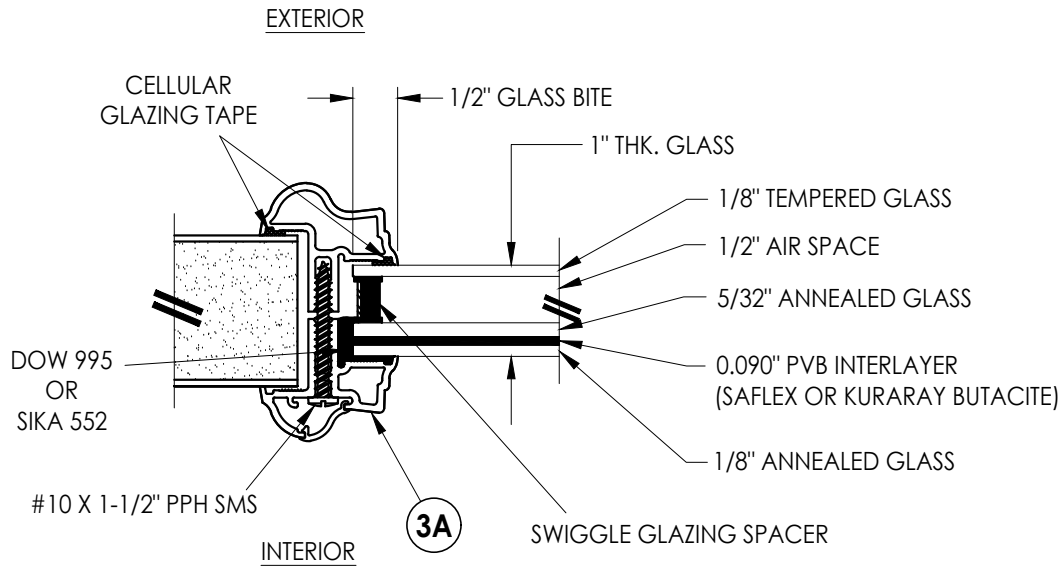


MULTIPOINT LOCK STRIKE DETAILS

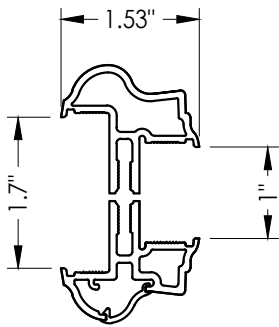


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HARDWARE DETAILS	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
4	7/25/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	7/22/20	UPDATE TO 7th ED. (2020)	FBC LFS
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING	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-20470.12			
SHEET 11 OF 14			

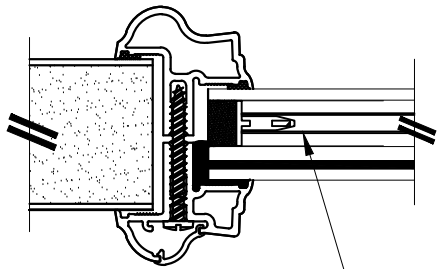
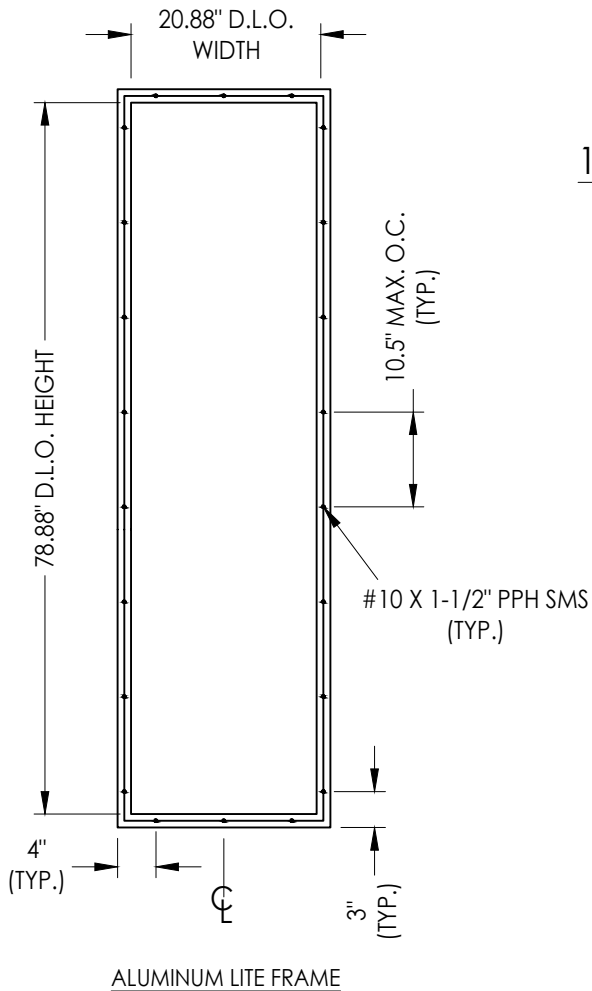
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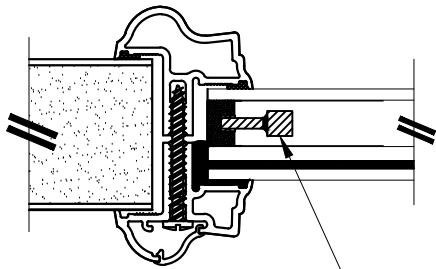
G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



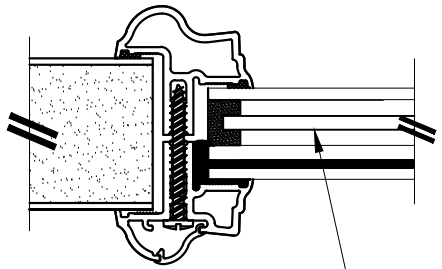
3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels & Sidelites



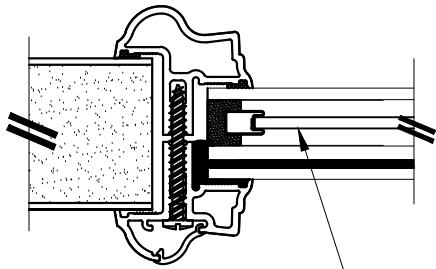
INTERNAL GRID (GBG)



WROUGHT IRON INSERT



PRIVACY INSERT



DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS

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:

GLAZING DETAILS

NO.	DATE	REVISIONS			
		DATE	BY	CHK	APP
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS	
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING	FBC	LFS	
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 8/02/16

SCALE: N.T.S.

DWG. BY: JK

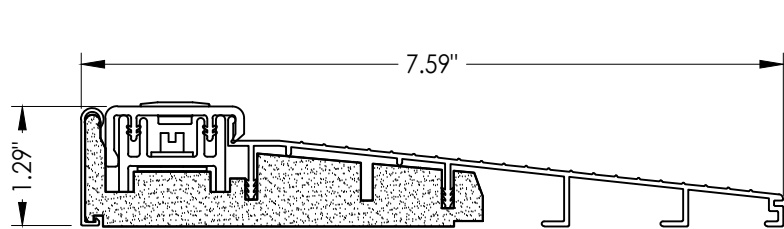
CHK. BY: LFS

DRAWING NO.:

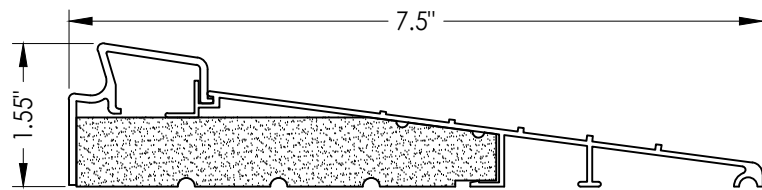
FL-20470.12

SHEET 12 OF 14

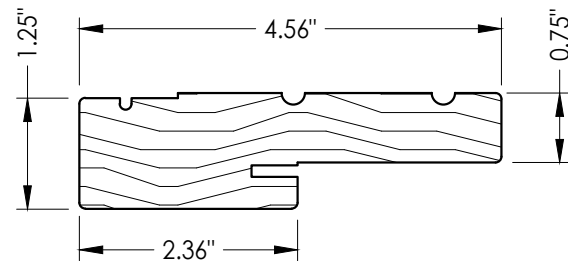
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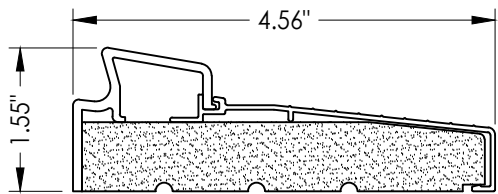
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



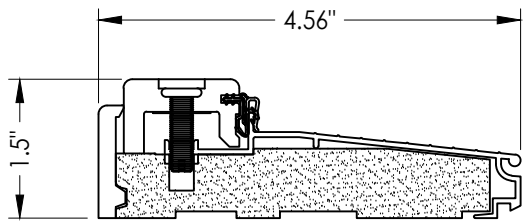
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



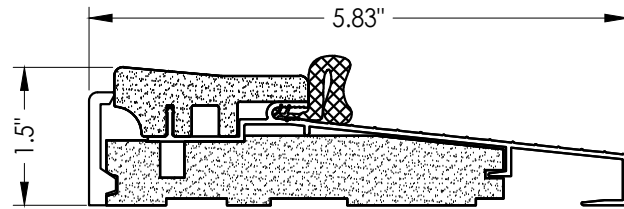
1 WOOD JAMB



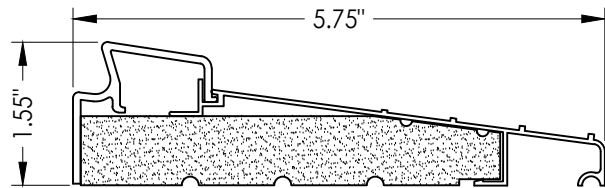
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



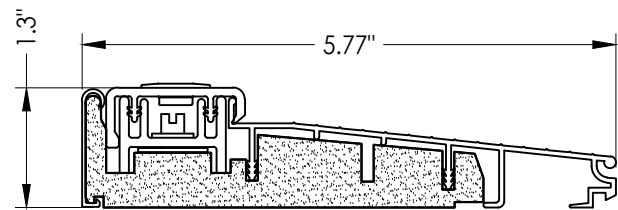
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



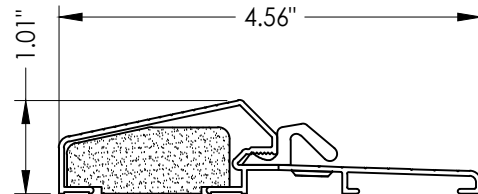
16 OUTSWING THRESHOLD
Composite Sill



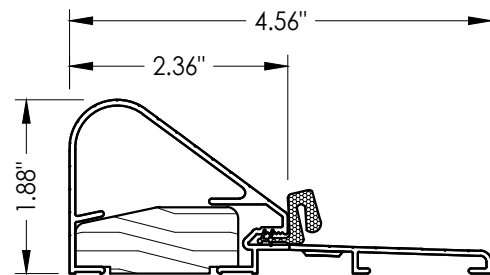
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



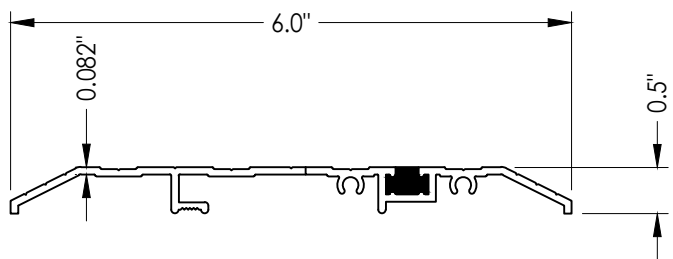
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



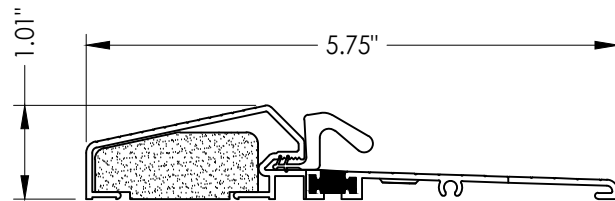
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



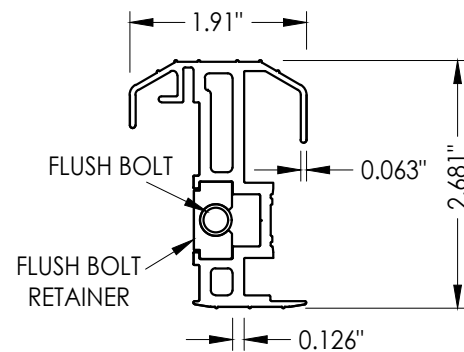
19 COASTAL OUTSWING THRESHOLD
Wood / Aluminum Sill



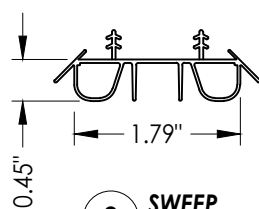
15 PUBLIC ACCESS THRESHOLD



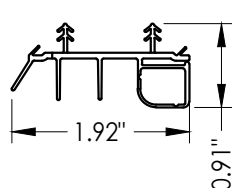
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



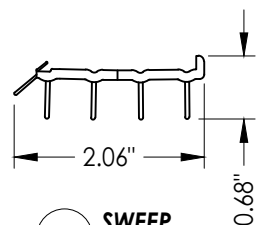
20 COASTAL ALUMINUM ASTRAGAL



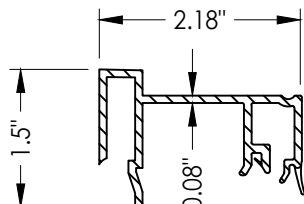
8 SWEEP



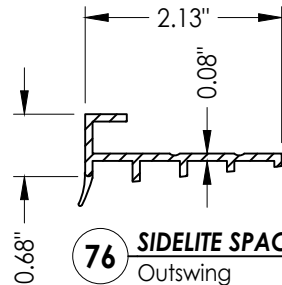
9 SWEEP



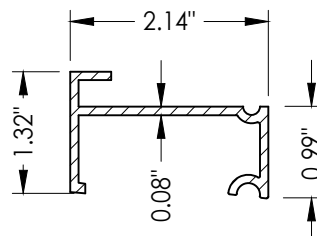
10 SWEEP



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
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/25/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/22/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	4/06/19	ADD 5-1/2" LATCH/DB SPACING 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-20470.12

SHEET 13 OF 14

Z:\2023 FBC Drawings\Therma-Tru\FL-20470 R5\FL-20470.10-12.dwg

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)	-
Q	#10 x 3" PFH WOOD SCREW	STEEL	42	DOOR PANEL (U1)	-
1	JAMB (FINGER JOINT PINE)	WOOD	50	SIDELITE (FULL LITE)	-
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	75	SIDELITE SPACER (INSWING)	PVC
7	WEATHERSTRIP (LONG REACH)	FOAM	76	SIDELITE SPACER (OUTSWING)	PVC
8	SWEEP	VINYL	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC
9	SWEEP (USE W/ MODERATE CLIMATE THRESHOLD)	VINYL	78	MULTIPOINT LOCK STRIKE PLATE @ HEAD	STEEL
10	SWEEP (USE W/ PUBLIC ACCESS THRESHOLD)	VINYL	79	MULTIPOINT LOCK STRIKE PLATE @ SILL	STEEL
11	#10 X 1-3/4" PFH WOOD SCREW	STEEL	80	ASTRAGAL STRIKE PLATE	STEEL
15	PUBLIC ACCESS THRESHOLD	ALUM	88	2X MULLION (SG >= 0.55)	WOOD
16	OUTSWING THRESHOLD	ALUM/COMP			
17	OUTSWING THRESHOLD	ALUM/COMP			
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:

- 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:
BILL OF MATERIALS

5

7/02/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

4

7/25/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

3

7/22/20

UPDATE TO 7th ED (2020)

FBC

LFS

2

4/06/19

ADD 5-1/2" LATCH/DB SPACING

LFS

LFS

1

7/14/17

UPDATE TO 6TH ED. (2017)

FBC

JK

NO.

DATE

BY

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20470.12

SHEET 14 OF 14

RW

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

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