



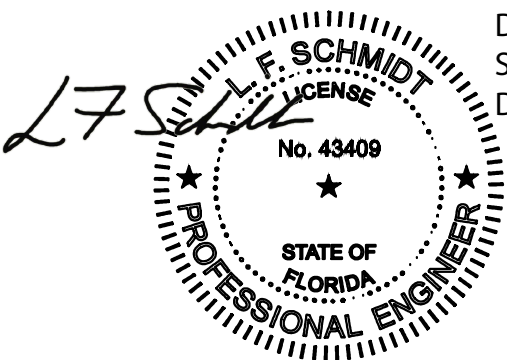
Fiber-Classic® & Smooth-Star®

WOOD EDGE
OPAQUE FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"IMPACT"

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.

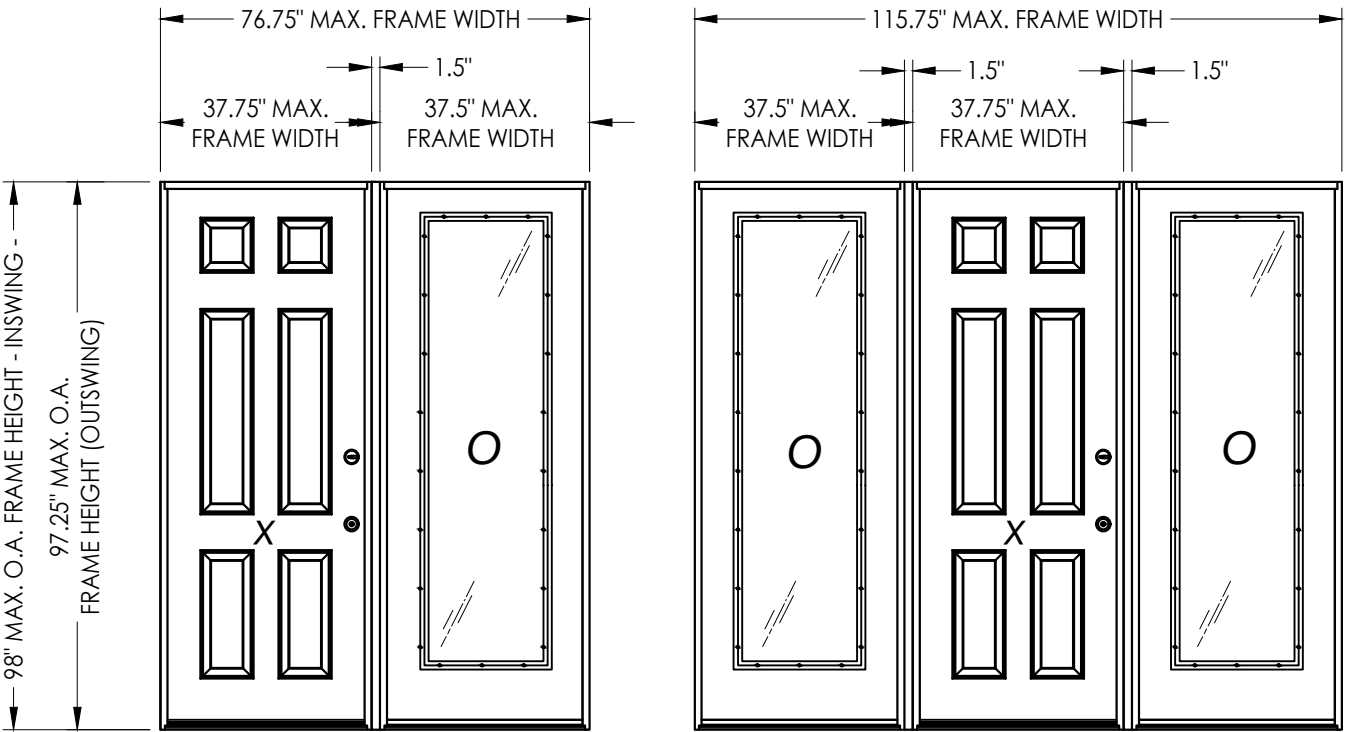
TABLE OF CONTENTS			
SHEET#	DESCRIPTION	SHEET#	
1	Typical Elevations, Design Pressures & General Notes	8	Vertical Cross Sections (Thresholds)
2	Door Panel Details	9	Buck Anchoring
3	Sidelite Panel Details	10	Frame Anchoring
4	Elevations	11	Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)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



Digitally signed by Lyndon F Schmidt
Date: 2026.08.07 13:45:11 -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	LOCK & DEADBOLT SPACING	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXO	Latch & Deadbolt	5-1/2"	+50.0	-55.0	+55.0	-55.0
XO, OX, OXO	Latch & Deadbolt	12"	+55.0	-55.0	+55.0	-55.0
XO, OX, OXO	Multipoint	N/A	+55.0	-55.0	+55.0	-55.0

See Sheet 4 for Hardware Specifications

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

DATE: 12/22/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21142.5

SHEET 1 OF 14

REVISIONS

NO. DATE

4 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS

3 8/18/23 UPDATE TO 8TH ED. (2023) FBC LFS

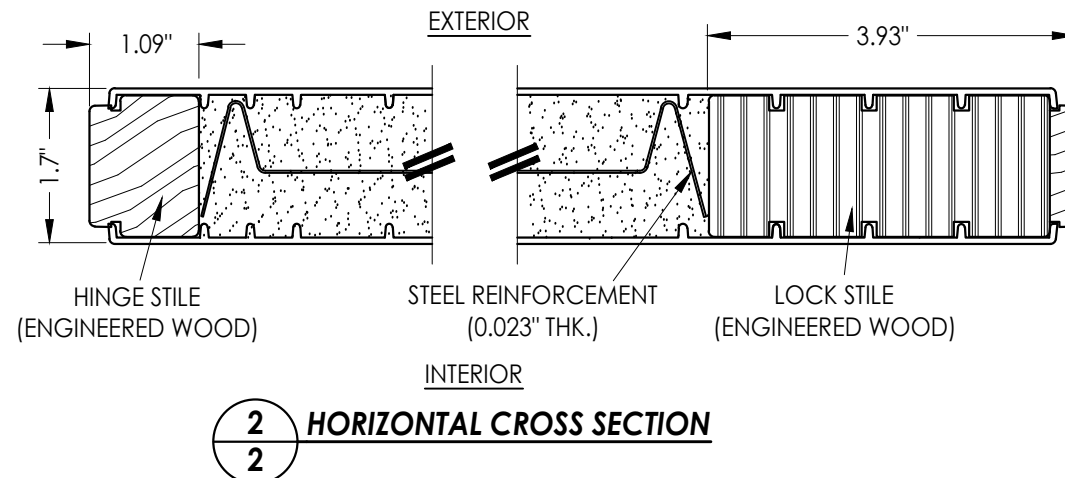
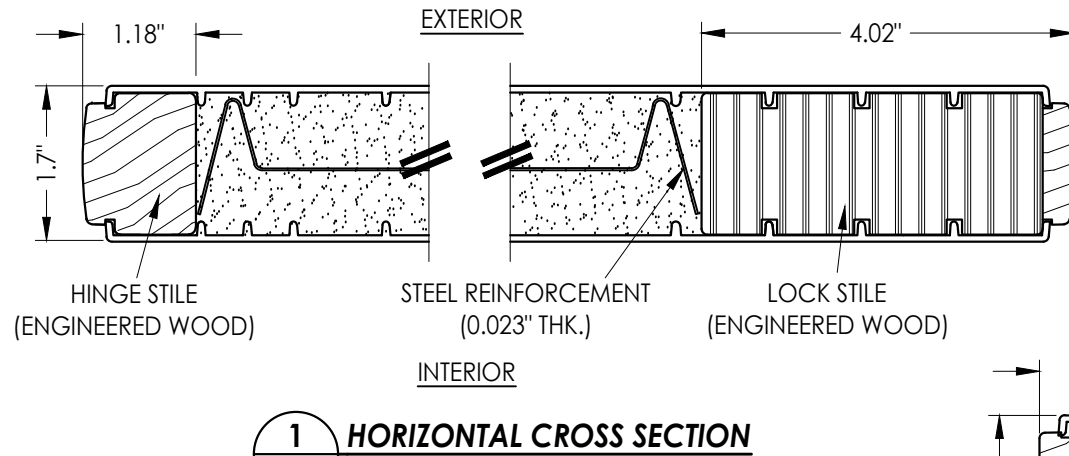
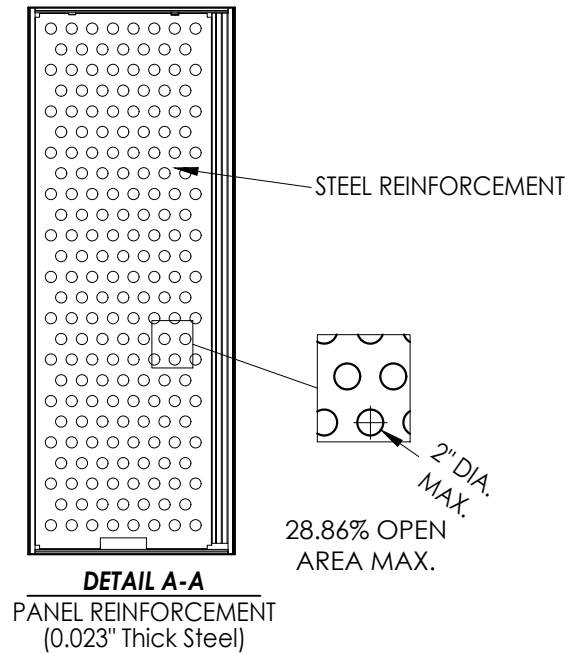
2 7/15/20 UPDATE TO 7th ED (2020) FBC PO

1 4/06/19 ADD 5-1/2" LATCH/DB SPACING LFS

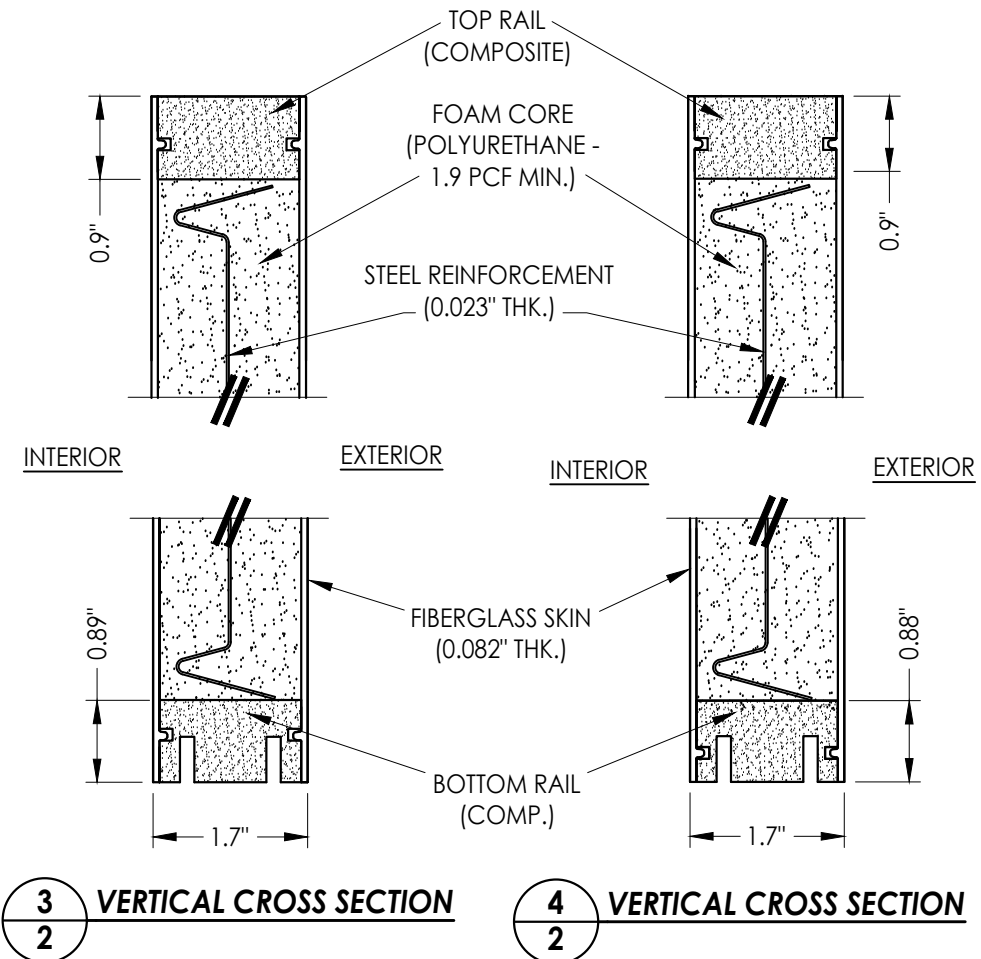
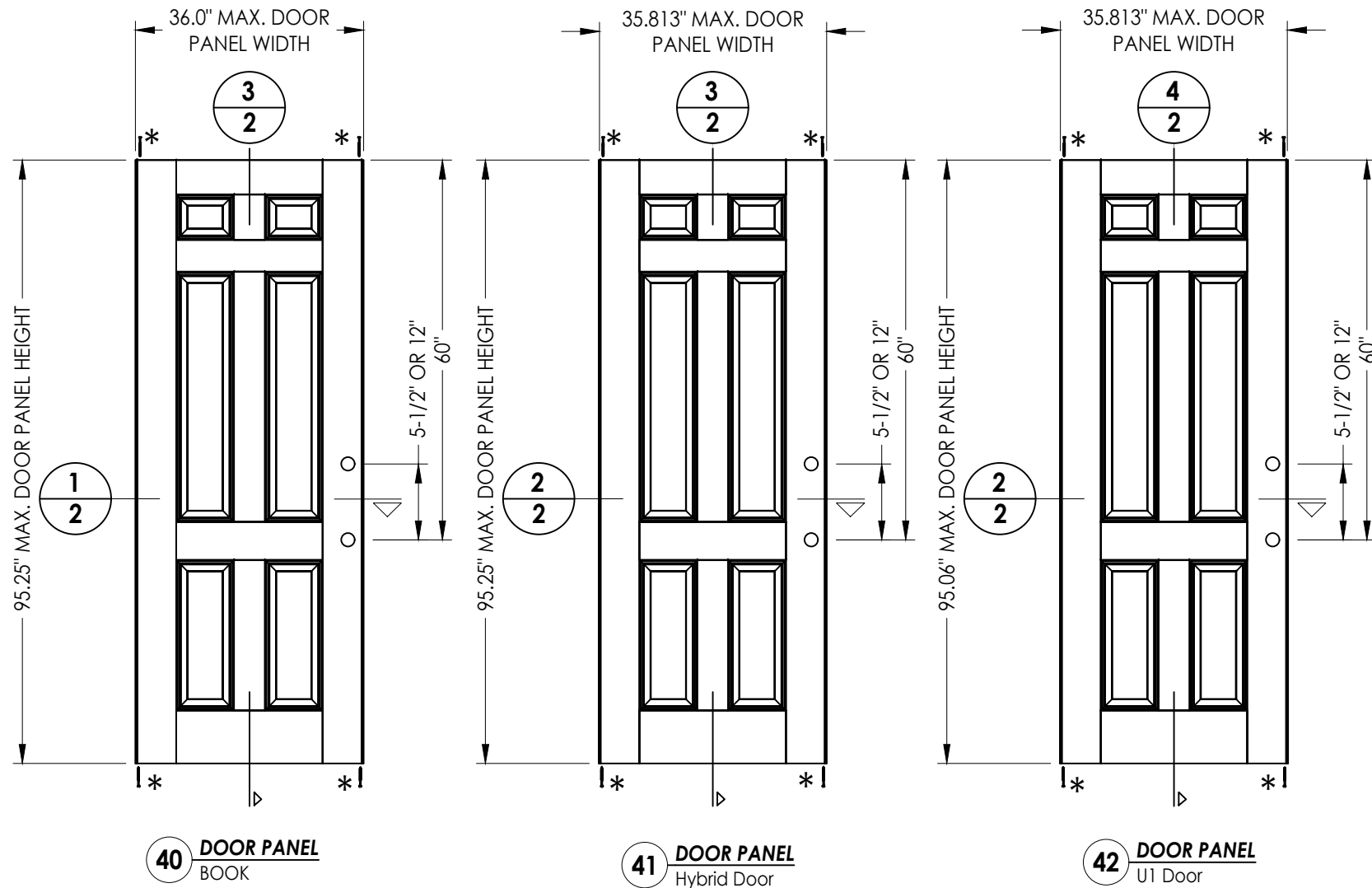
© 2016 R.W. BUILDING CONSULTANTS INC.

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

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg

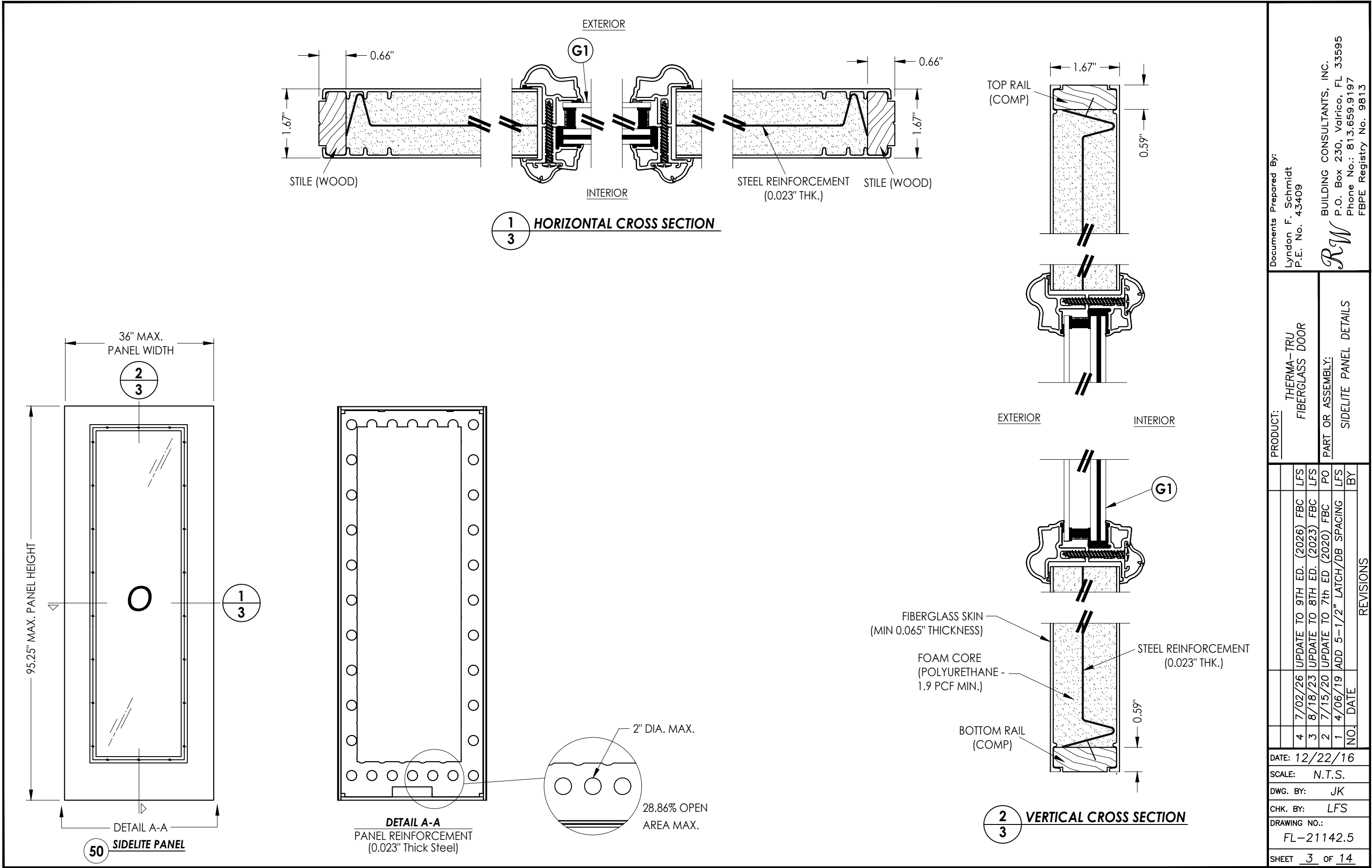


* #8 X 2.5\"/>



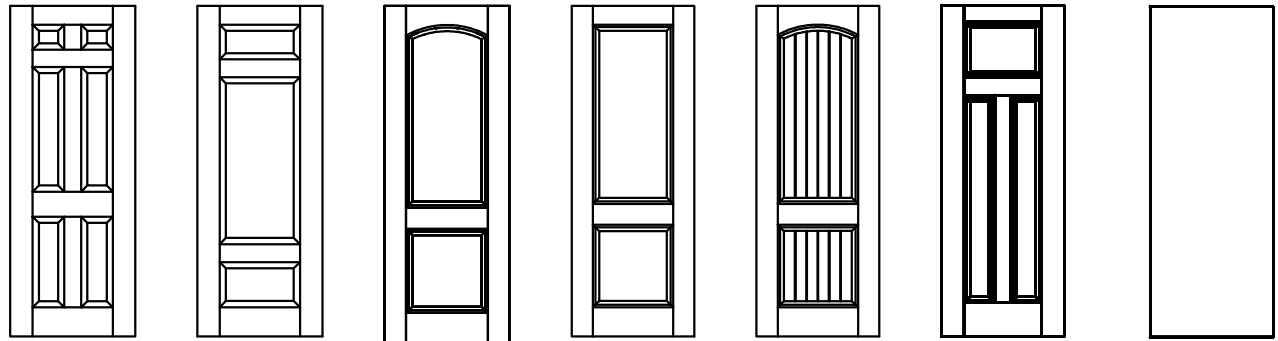
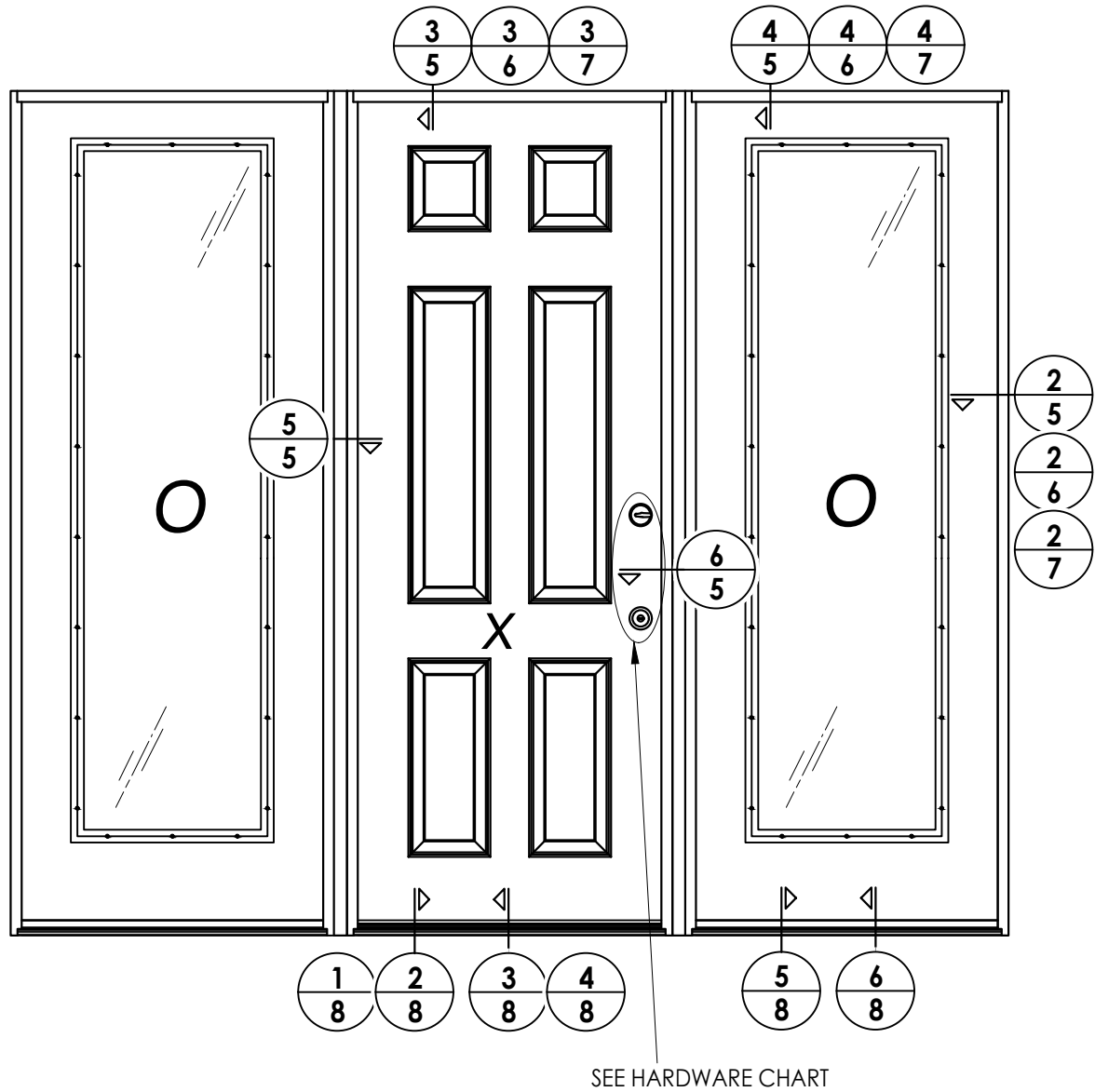
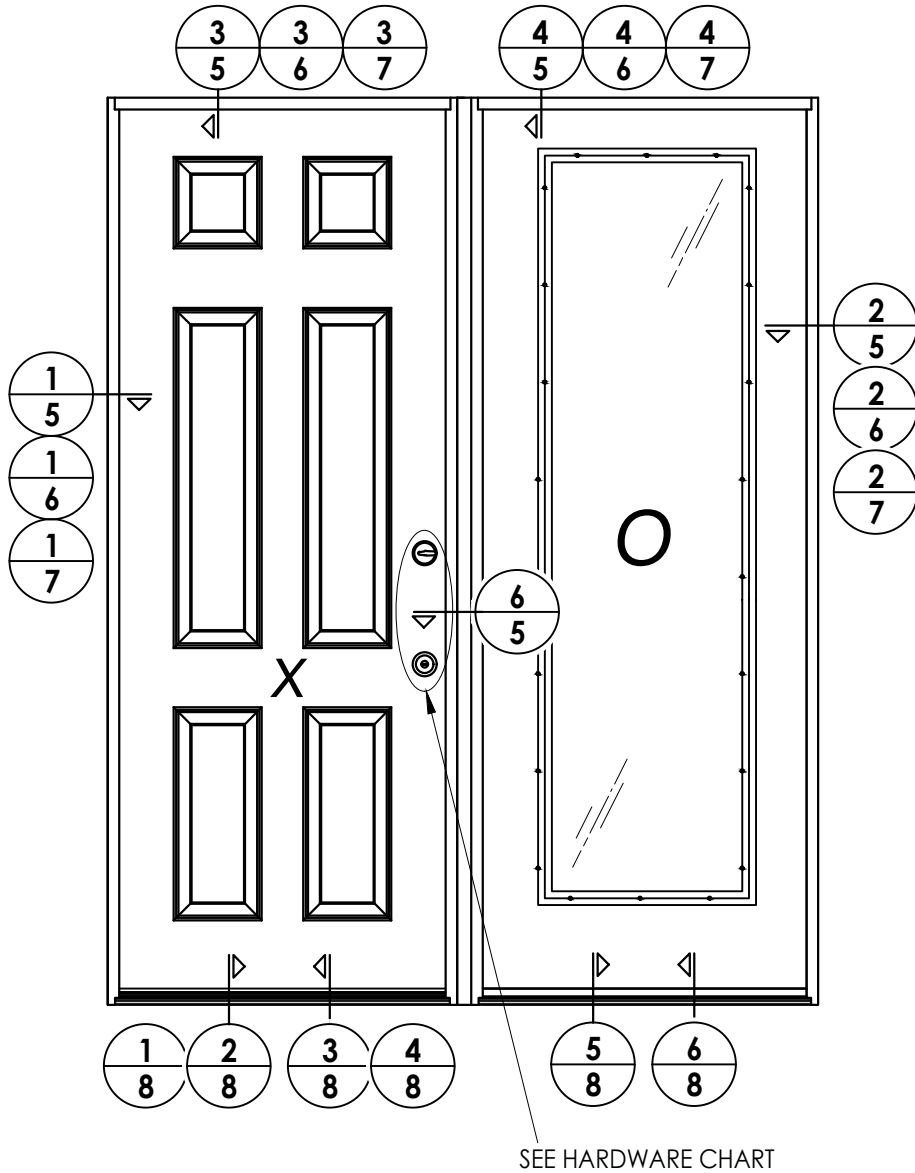
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
		REVISIONS	
		NO.	DATE
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	8/18/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	7/15/20	UPDATE TO 7TH ED (2020) FBC	PO
1	4/06/19	ADD 5-1/2\"/>	LFS
DATE: 12/22/16		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-21142.5		SHEET 2 OF 14	

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg



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: SIDELITE PANEL DETAILS	
		4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
		3	8/18/23	UPDATE TO 8TH ED. (2023)	FBC LFS
		2	7/15/20	UPDATE TO 7th ED (2020)	FBC PO
		1	4/06/19	ADD 5-1/2" LATCH/DB SPACING	LFS
NO.		DATE		BY	
DATE: 12/22/16		SCALE: N.T.S.		DWG. BY: JK	
CHK. BY: LFS		DRAWING NO.: FL-21142.5		SHEET 3 OF 14	
REVISIONS					

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg



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 : MPDGART
	(3 pt. Manual Tongue)

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

DATE: 12/22/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21142.5

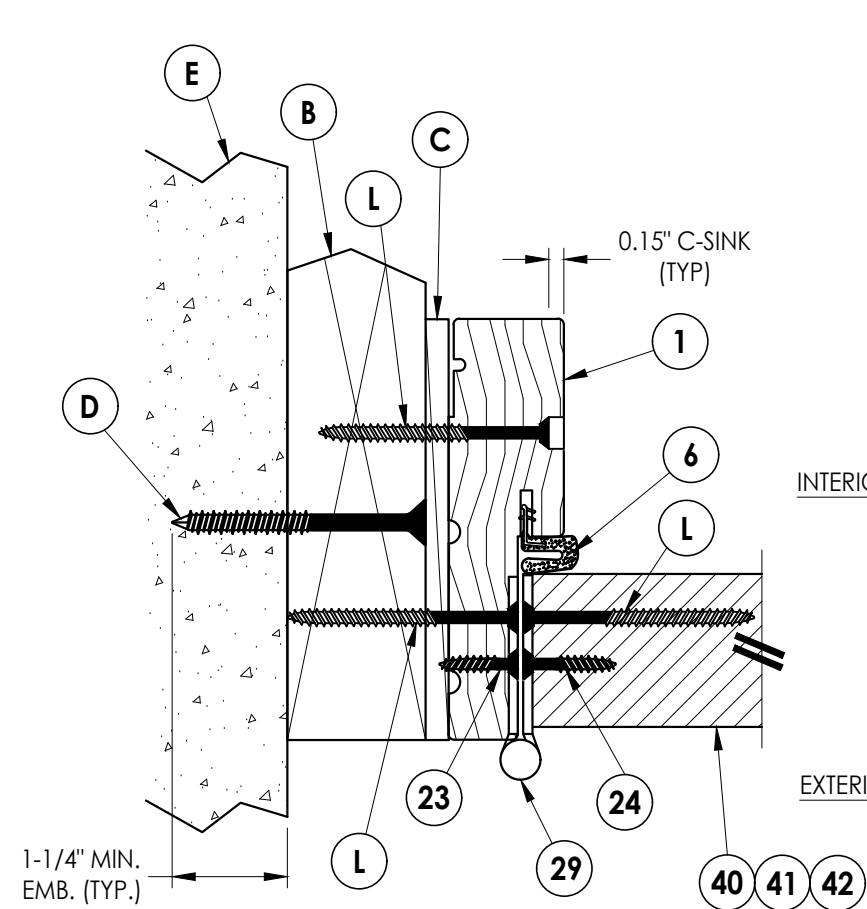
SHEET 4 OF 14

REVISIONS

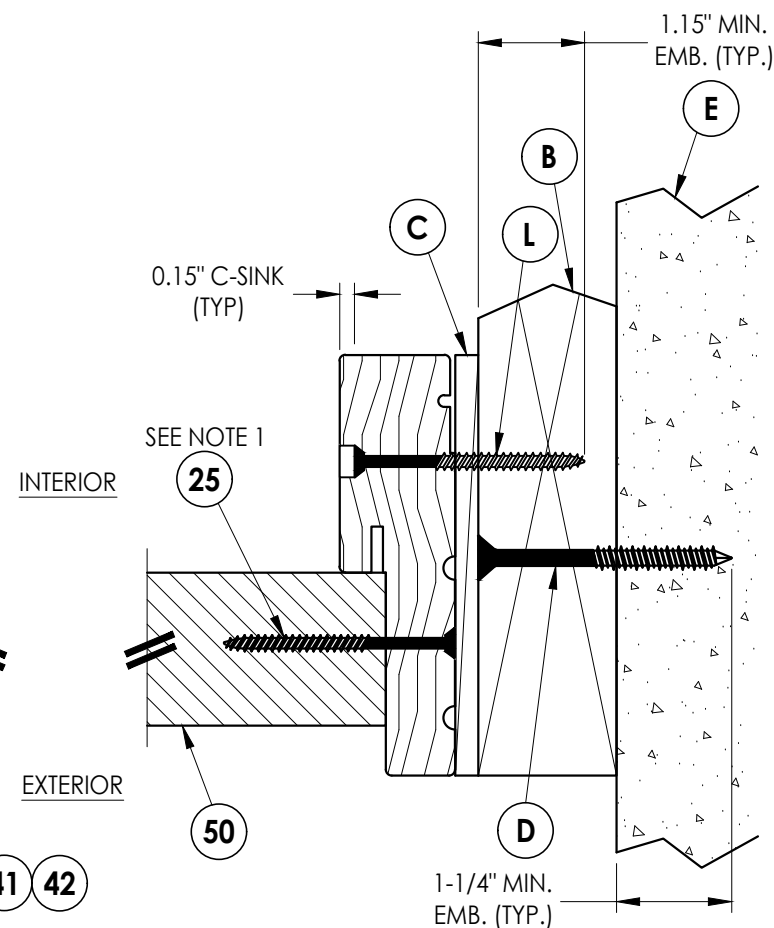
NO.	DATE	DESCRIPTION
1	4/06/19	ADD 5-1/2" LATCH/DB SPACING
2	7/15/20	UPDATE TO 7th ED (2020) FBC
3	8/18/23	UPDATE TO 8TH ED. (2023) FBC
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC

RW BUILDING CONSULTANTS, INC.

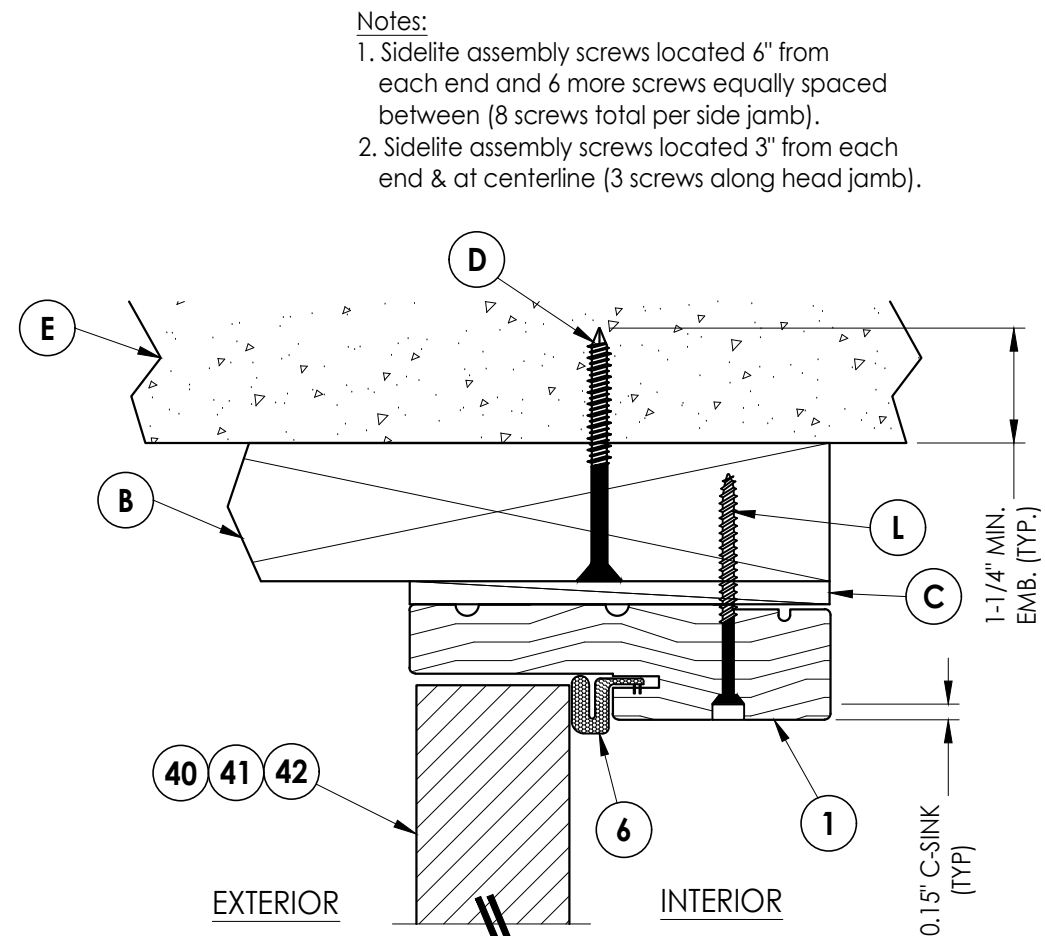
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



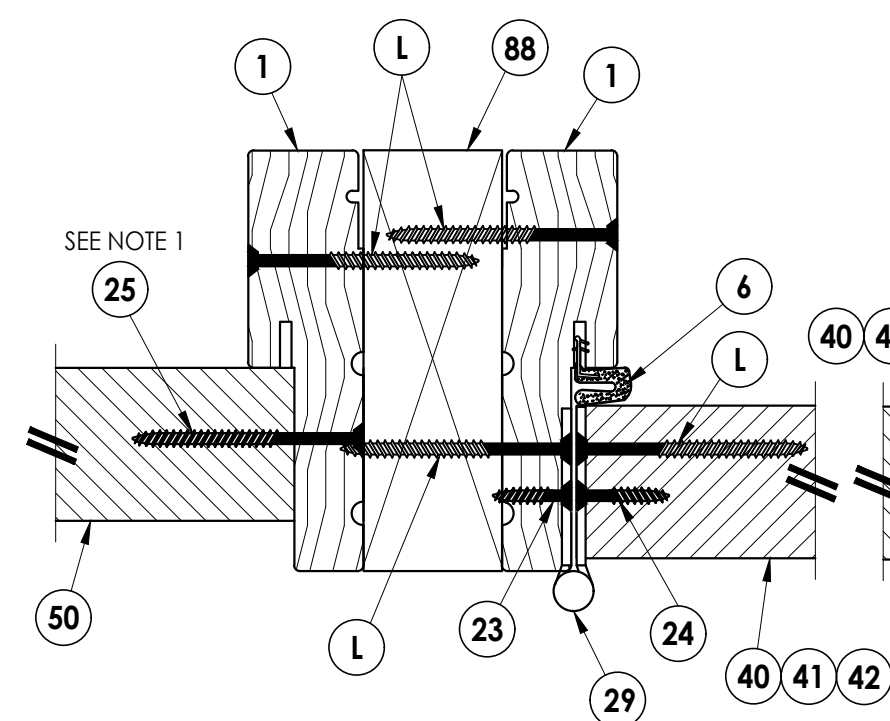
1 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



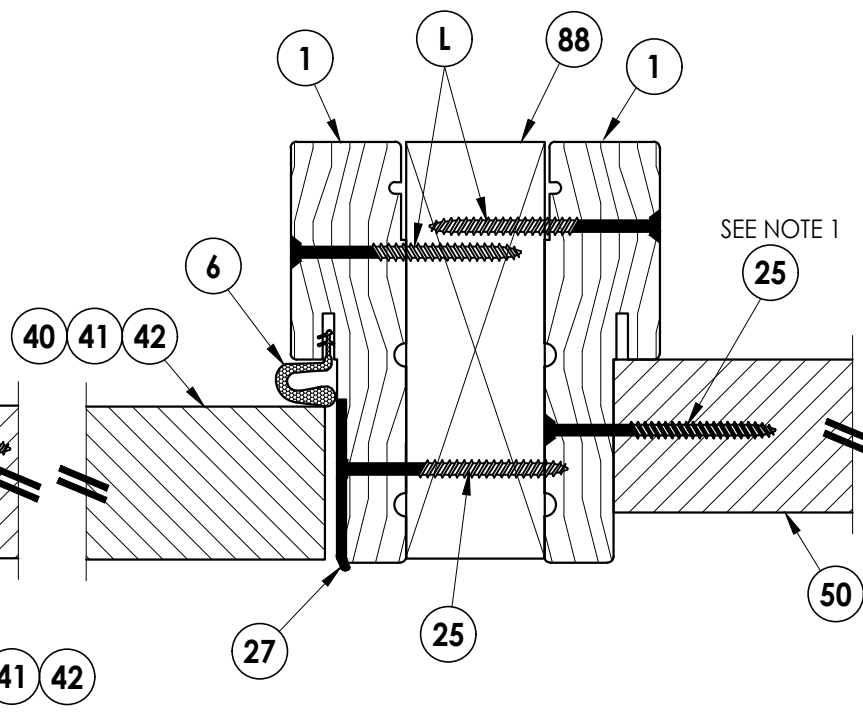
2 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)



3 VERTICAL CROSS SECTION
5 Outswing shown (Inswing similar)

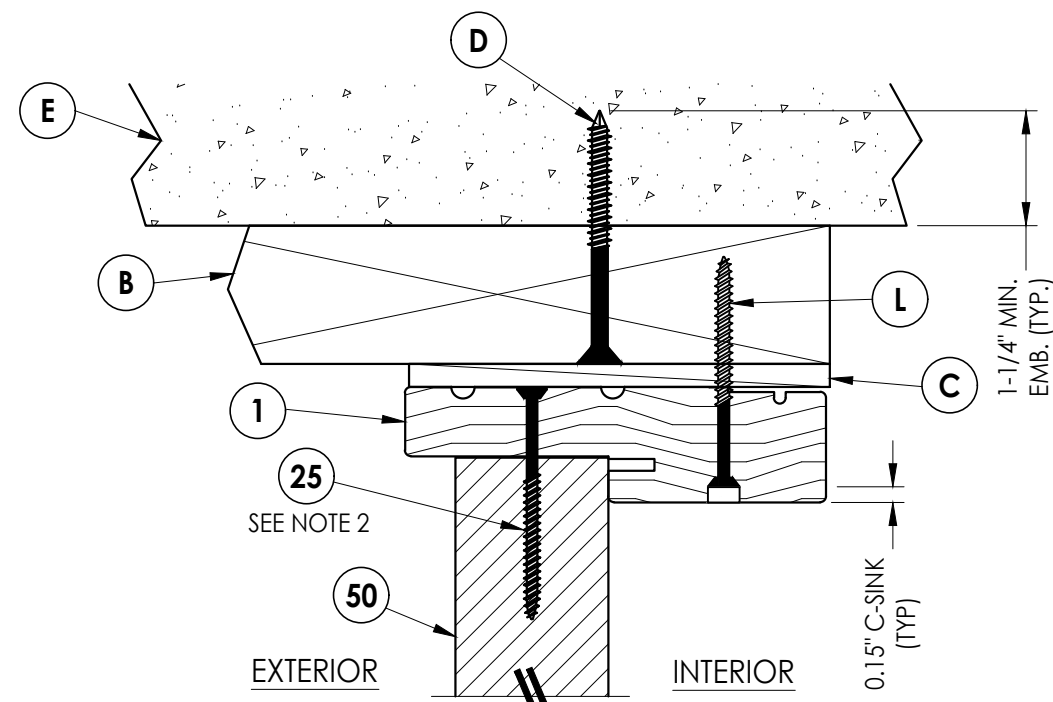


5 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)



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).

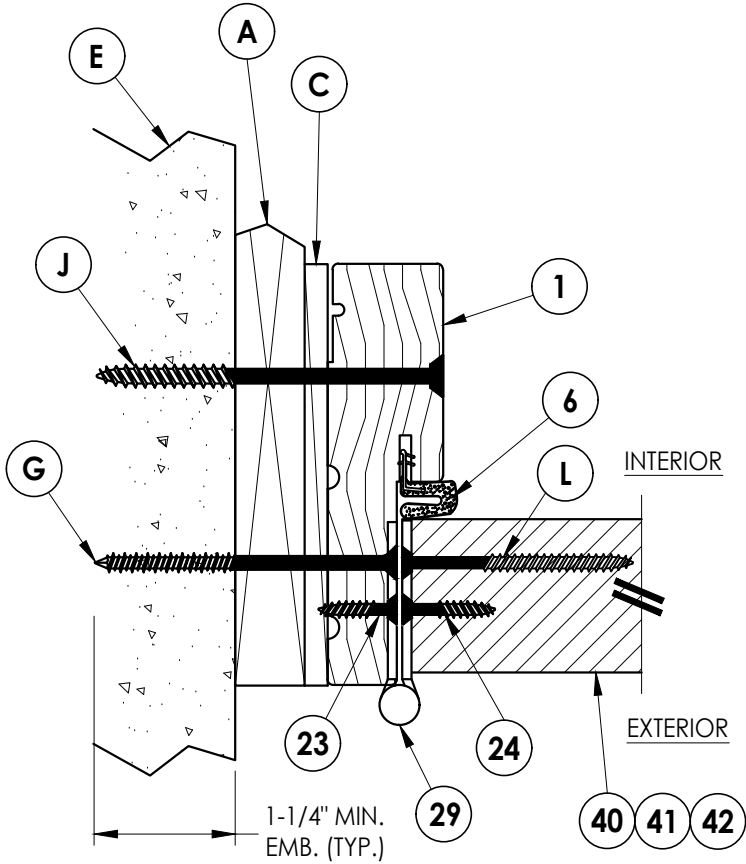
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	8/18/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/15/20	UPDATE TO 7th ED (2020)	FBC	PO	
1	4/06/19	ADD 5-1/2" LATCH/DB SPACING		LFS	
NO.	DATE				
					REVISIONS
DATE: 12/22/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-21142.5					
SHEET 5 OF 14					

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

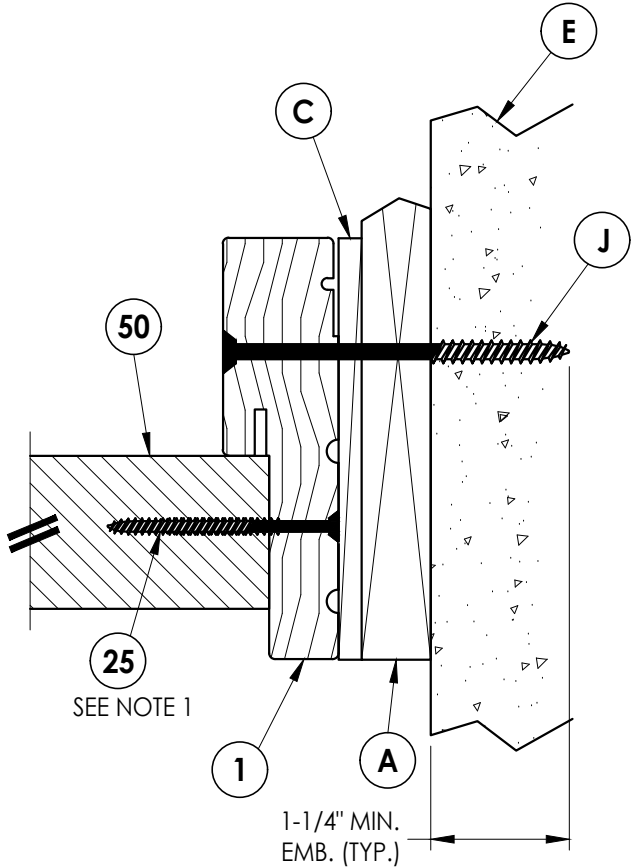
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg

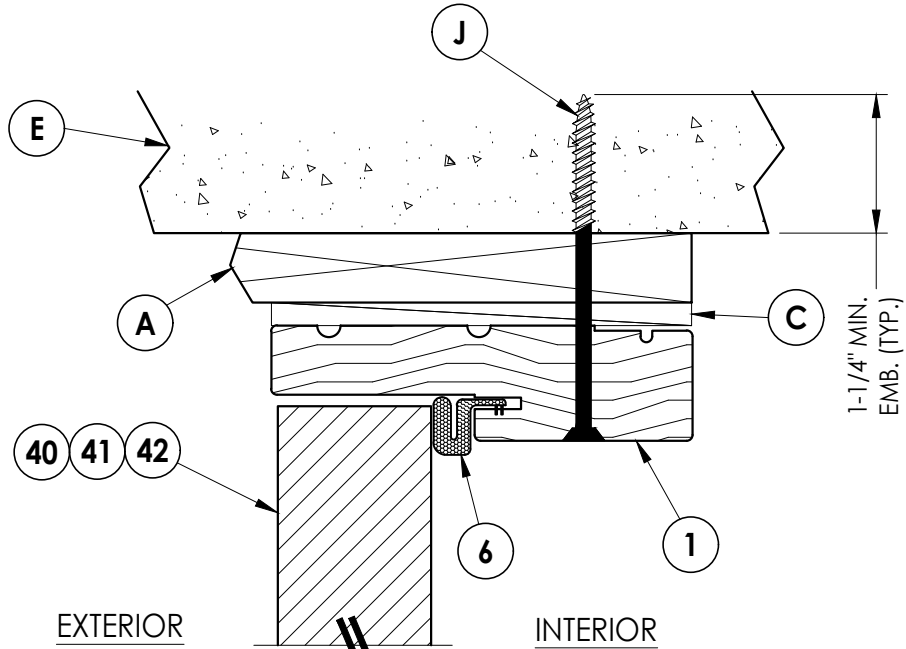
- Notes:
1. Sidelite assembly screws located 6" from each end and 6 more screws equally spaced between (8 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



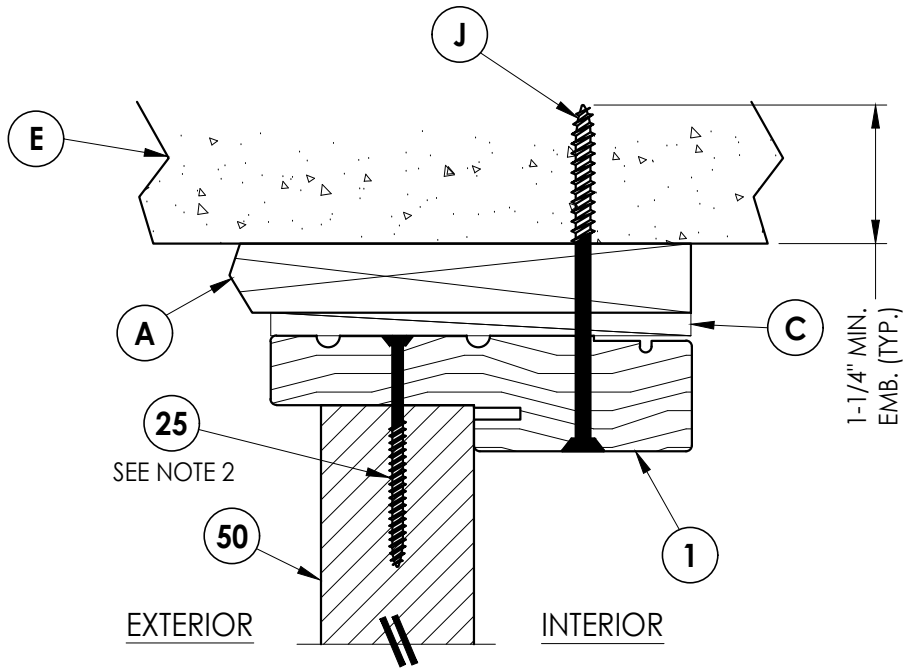
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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

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)

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	8/18/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/15/20	UPDATE TO 7TH ED. (2020) FBC PO
1	4/06/19	ADD 5-1/2" LATCH/DB SPACING LFS
		BY

DATE: 12/22/16

SCALE: N.T.S.

DWG. BY: JK

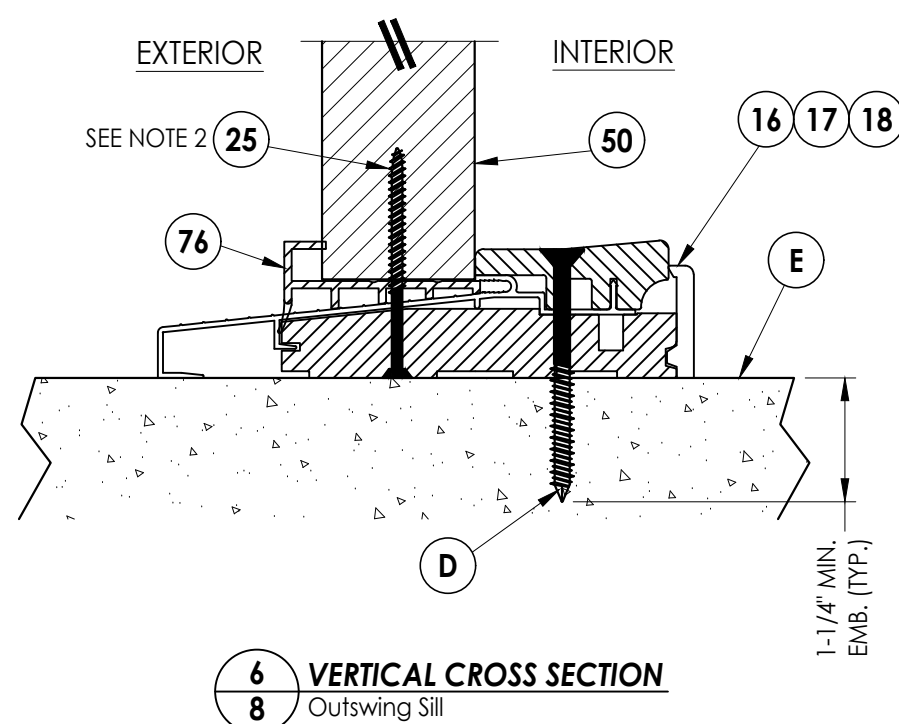
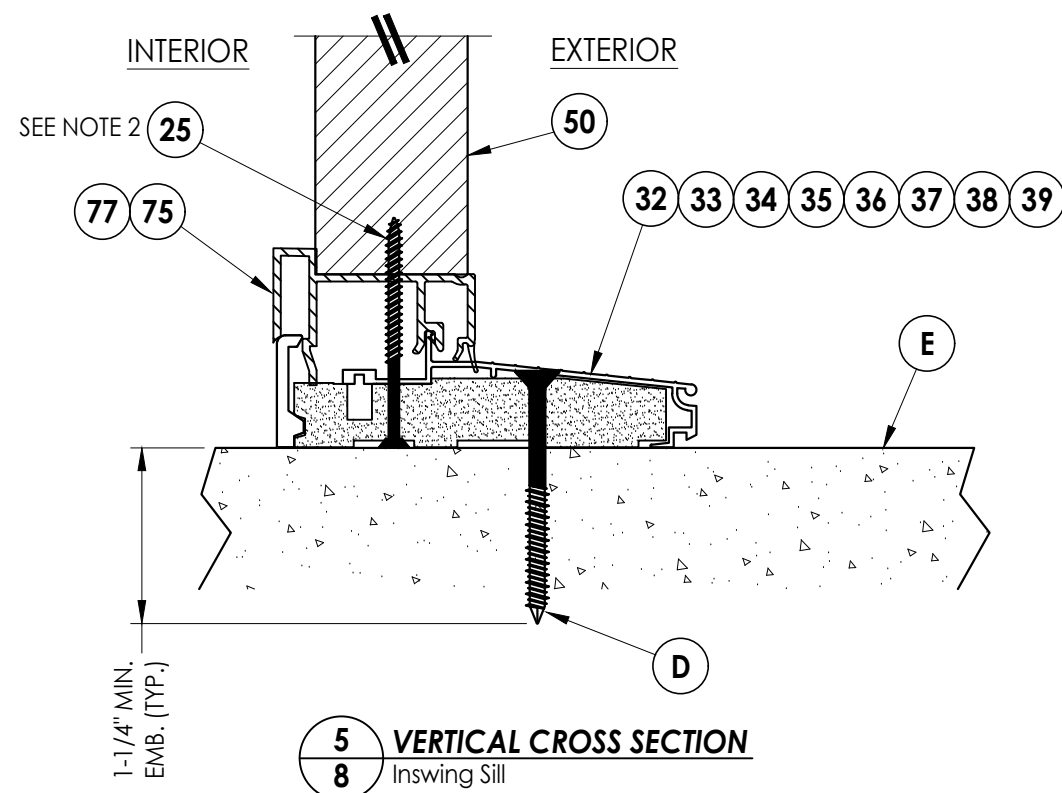
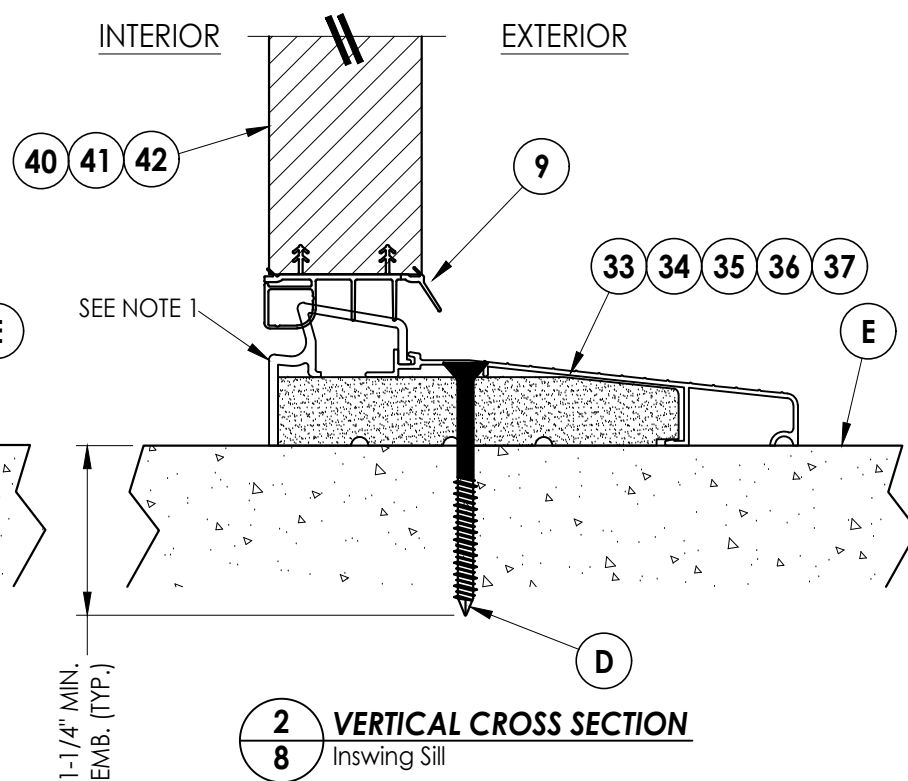
CHK. BY: LFS

DRAWING NO.:

FL-21142.5

SHEET 6 OF 14

1. Sill Item #'s 17, 18, 19, 32, 34, 35, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pph screws at each end.
Sill Item #'s 16 & 33 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph screws at each end.
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along sill).

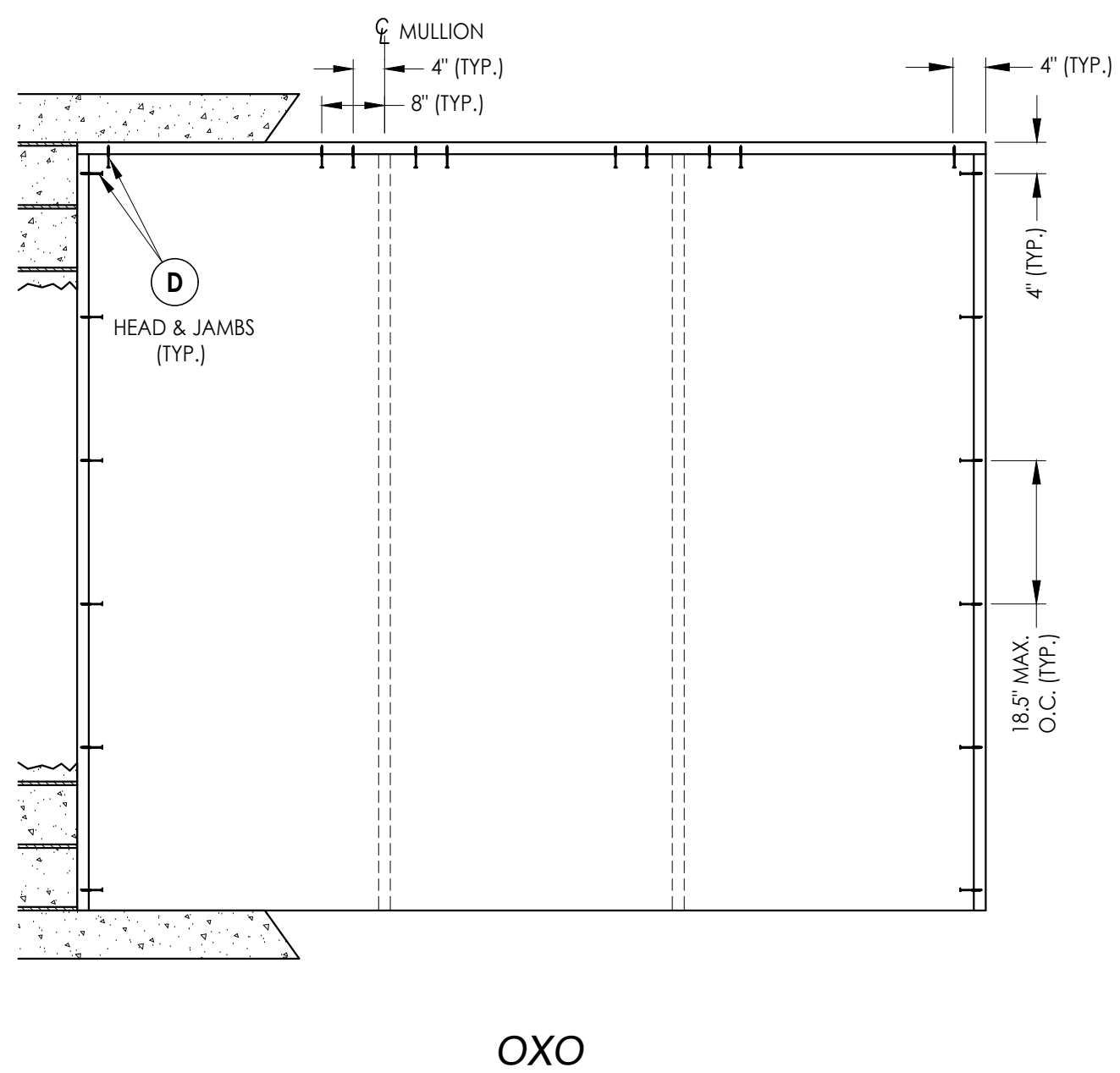
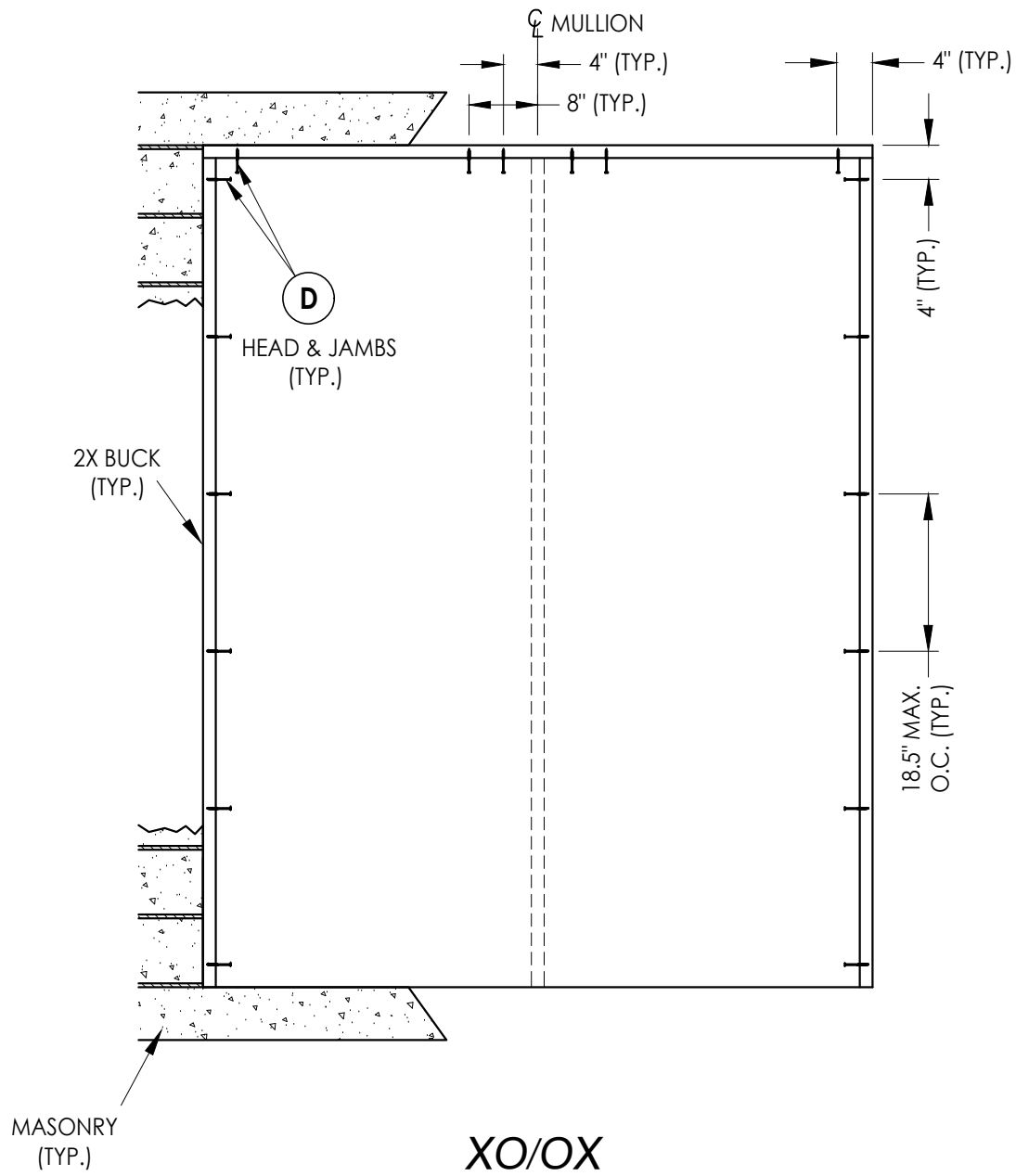


BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)

4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	8/18/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/15/20	UPDATE TO 7th ED (2020)	FBC	PO	
1	4/06/19	ADD 5-1/2" LATCH/DB SPACING		LFS	
NO.	DATE				
					REVISIONS
DATE: 12/22/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-21142.5					
SHEET 8 OF 14					

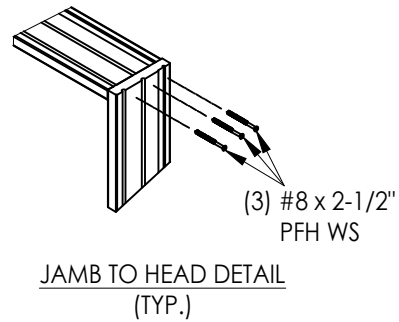
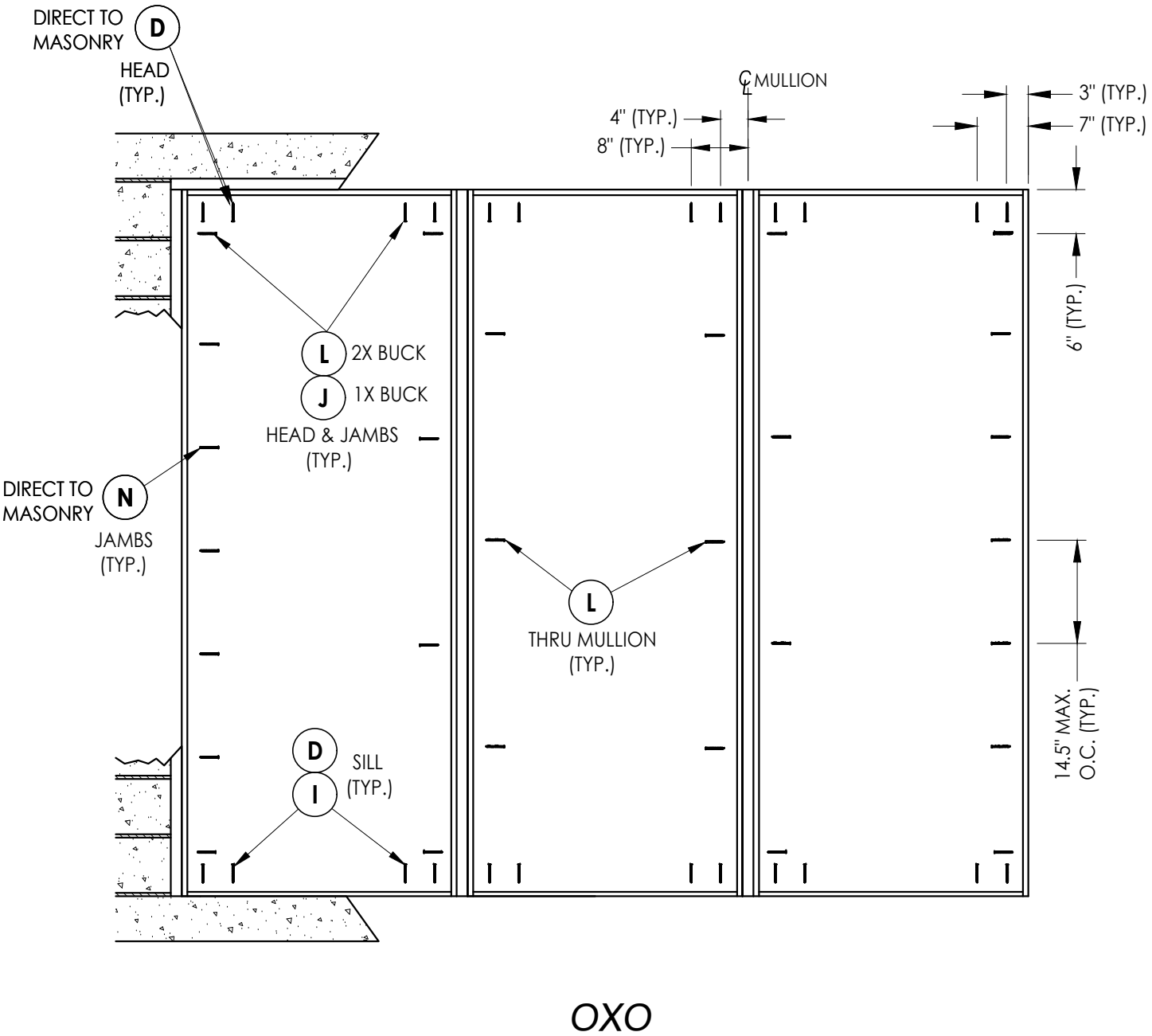
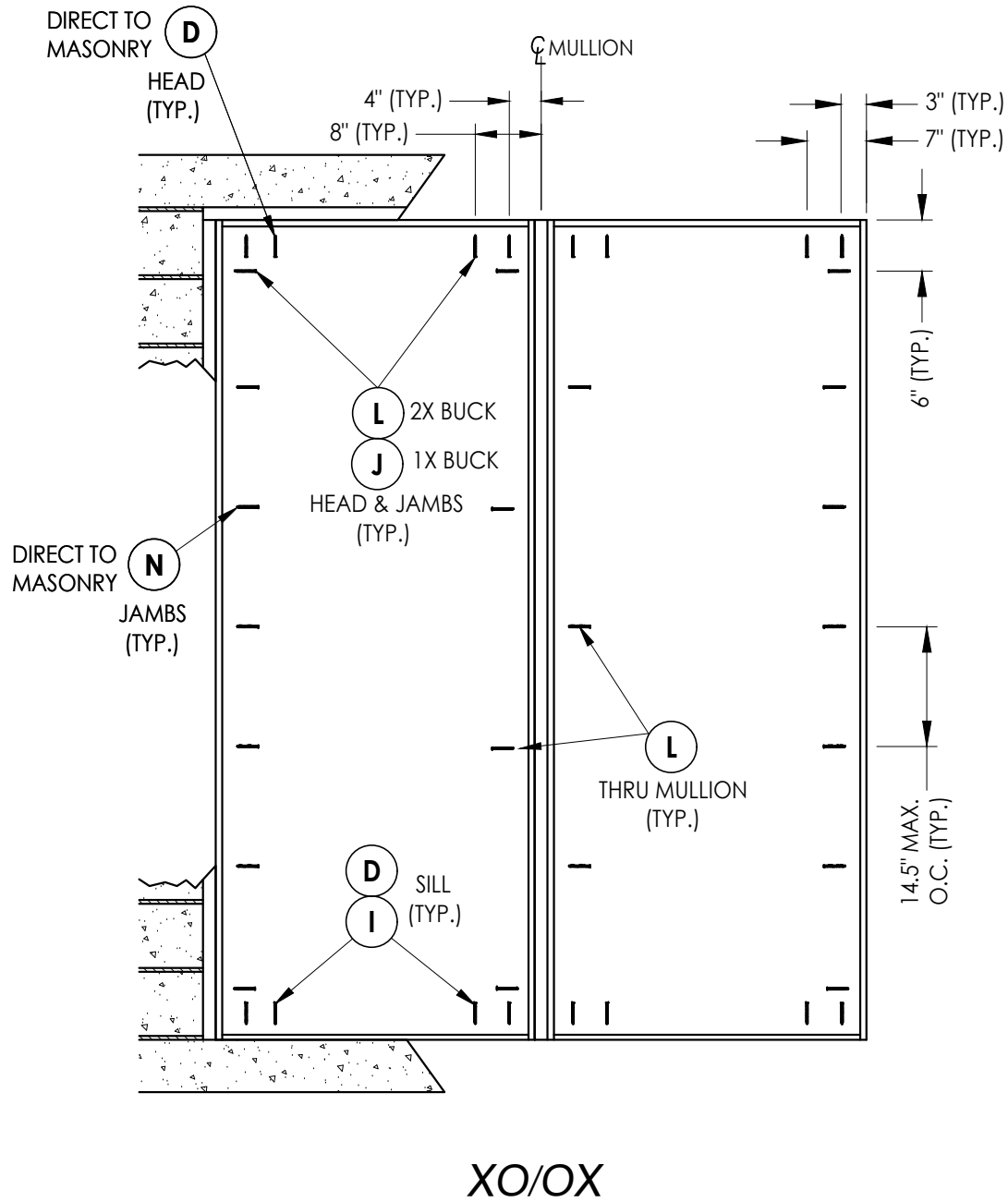
G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg



2X BUCK ANCHORING

DATE: 12/22/16		DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PRODUCT: THERMA-TRU FIBERGLASS DOOR	
DWG. BY: JK		PART OR ASSEMBLY: BUCK ANCHORING	
CHK. BY: LFS		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-21142.5			
SHEET 9 OF 14			

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg



FRAME ANCHORING

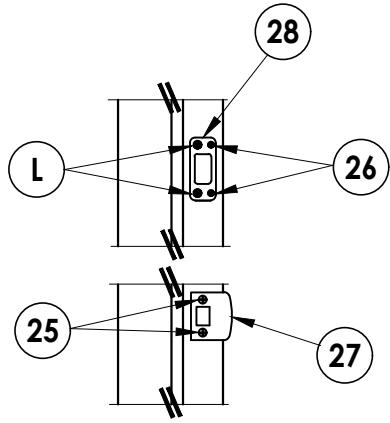
NO.	DATE	REVISIONS			
		NO.	DATE	BY	
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	8/18/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/15/20	UPDATE TO 7TH ED. (2020)	FBC	PO	
1	4/06/19	ADD 5-1/2" LATCH/DB SPACING	LFS		

DATE:	12/22/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21142.5
SHEET	10 OF 14

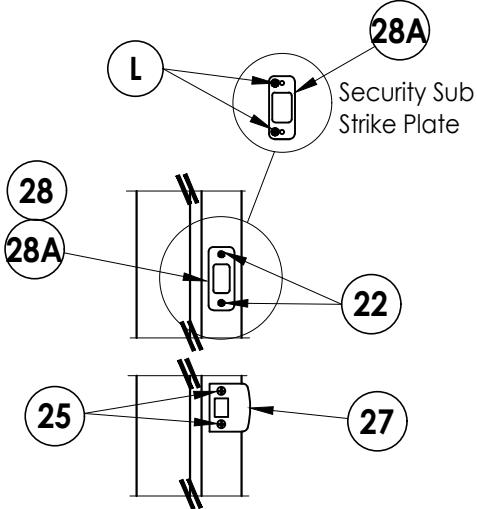
PRODUCT:	Therma-Tru FIBERGLASS DOOR
PART OR ASSEMBLY:	FRAME ANCHORING

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

G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg

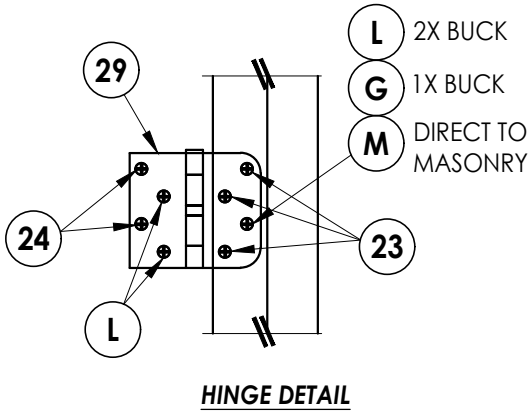
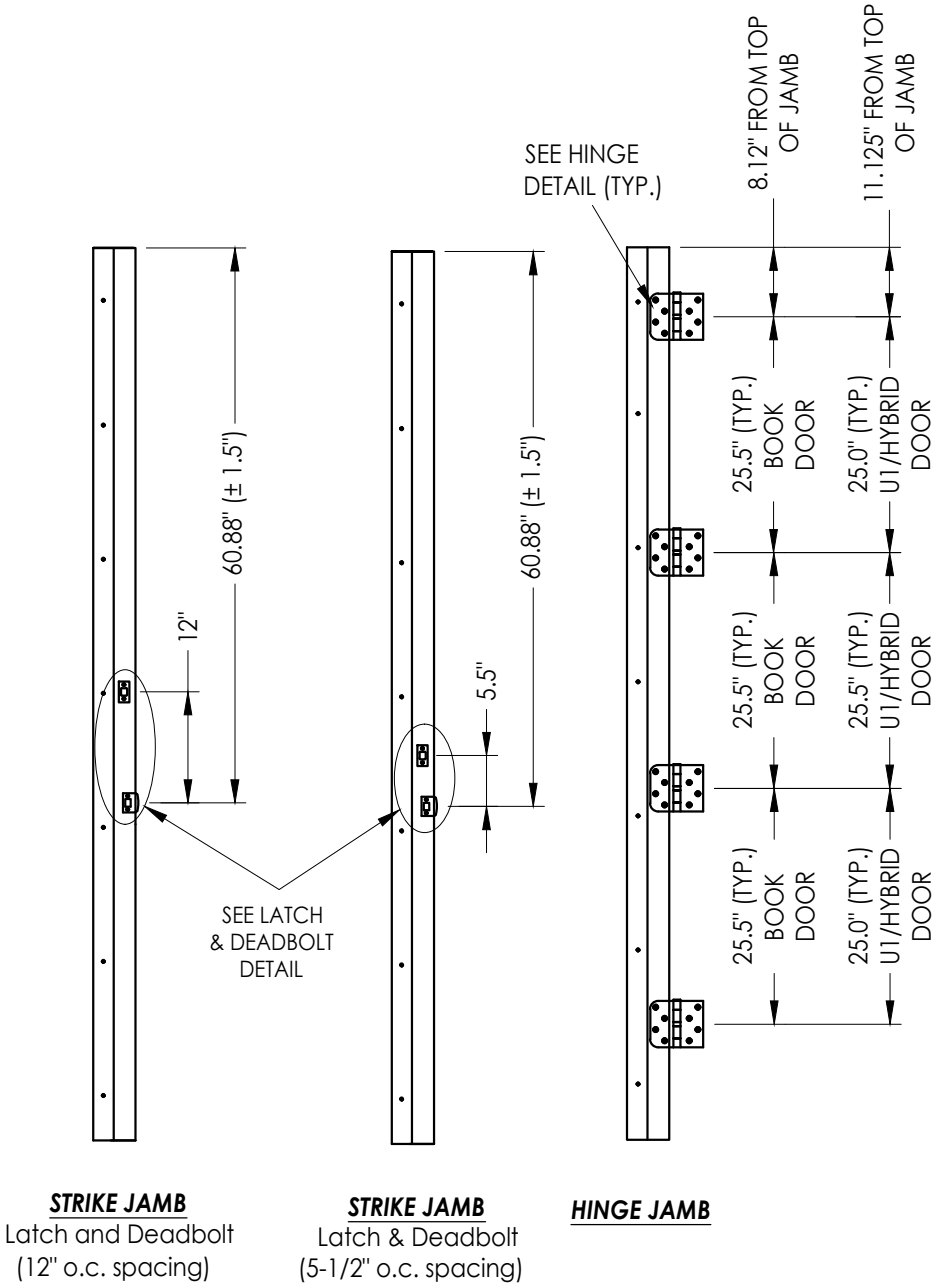


LATCH & DEADBOLT DETAIL
Kwikset

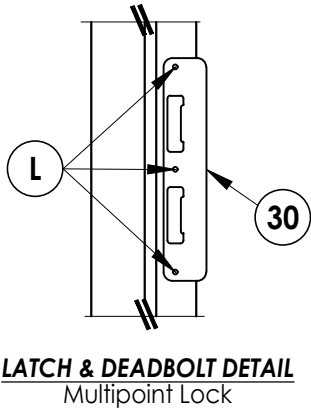
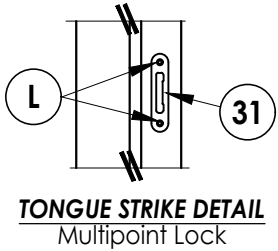
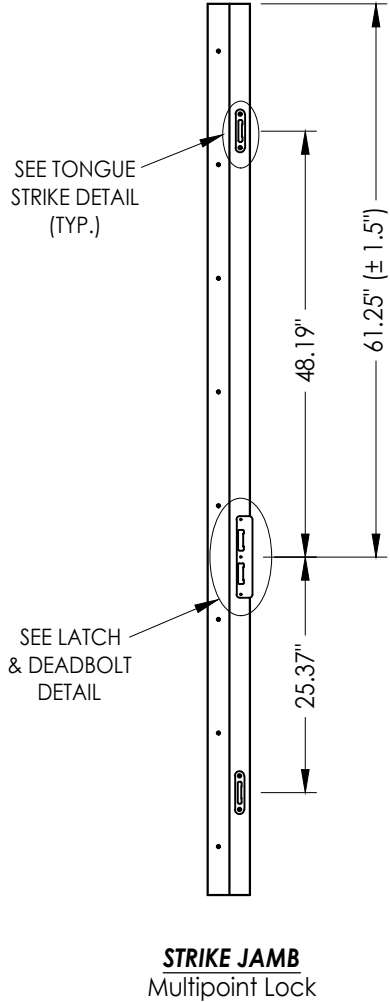


LATCH & DEADBOLT DETAIL
Schlage

LATCH & DEADBOLT STRIKE DETAILS



HINGE DETAIL



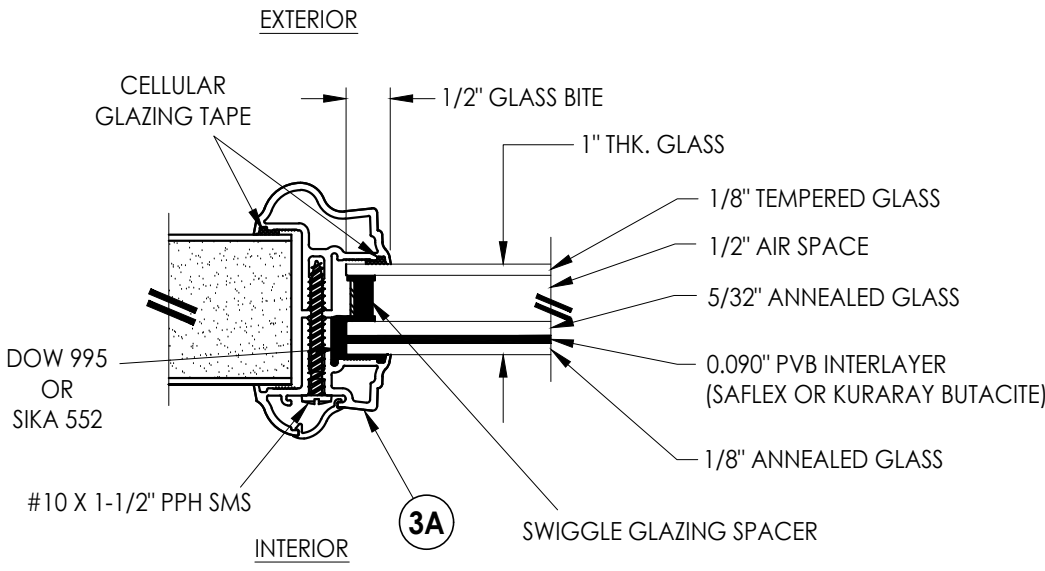
MULTIPOINT LOCK STRIKE DETAILS

DATE		NO.		DATE		BY	
12/22/16		4		7/02/26		LFS	
N.T.S.		3		8/18/23		LFS	
JK		2		7/15/20		PO	
LFS		1		4/06/19		LATCH/DB SPACING	
FL-21142.5							
11							

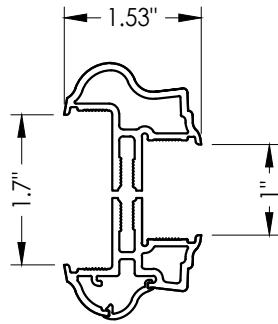
PRODUCT:		PART OR ASSEMBLY:	
THERMA-TRU FIBERGLASS DOOR		HARDWARE DETAILS	

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

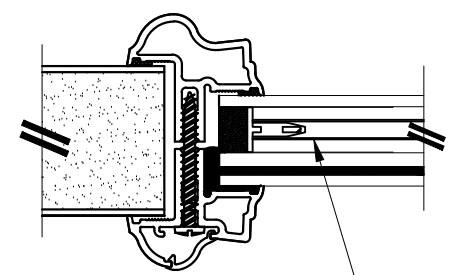
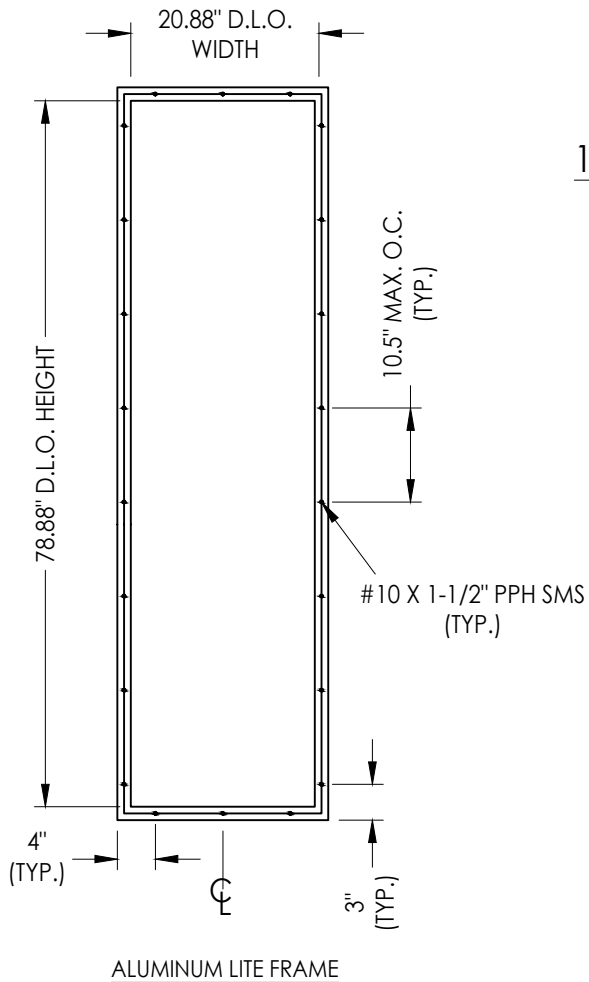
G:\2023 FBC DRAWINGS 7-27-26\Therma-Tru\FL-21142 R4\FL-21142.4-6.dwg



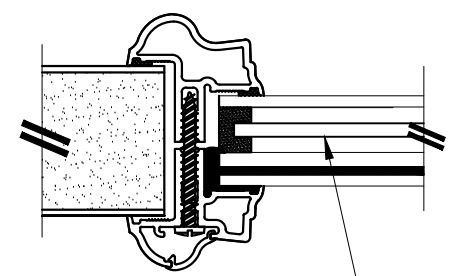
G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



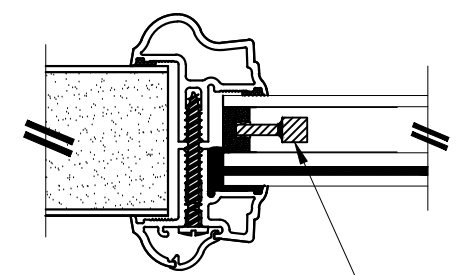
3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels & Sidelites



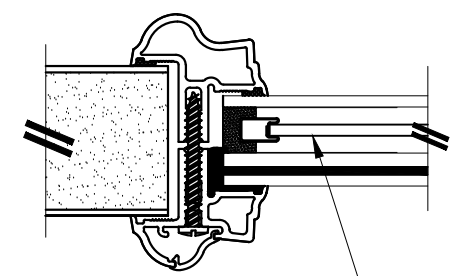
INTERNAL GRID (GBG)



PRIVACY INSERT



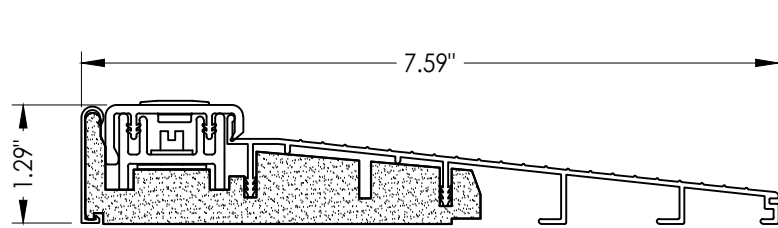
WROUGHT IRON INSERT



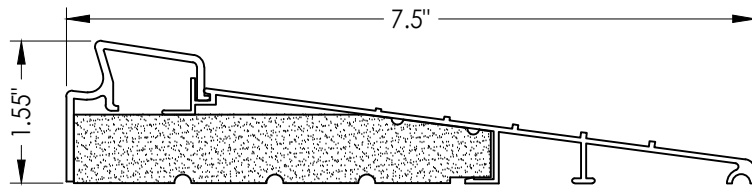
DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS

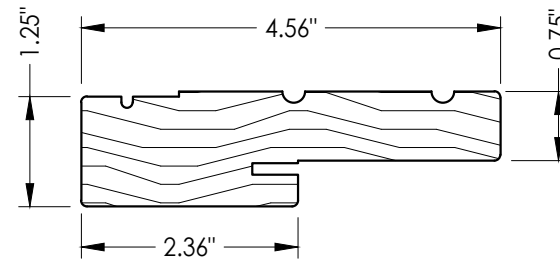
Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:		THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY:	
				GLAZING DETAILS	
		UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	7/02/26	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/18/23	UPDATE TO 7th ED. (2020)	FBC	PO	
2	7/15/20	ADD 5-1/2" LATCH/DB SPACING	LFS	BY	
1	4/06/19	DATE			
REVISIONS					
DATE: 12/22/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-21142.5					
SHEET 12 OF 14					



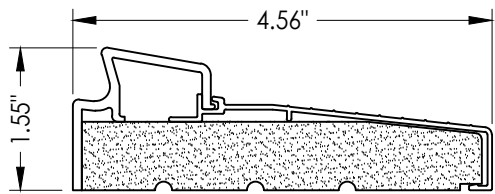
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



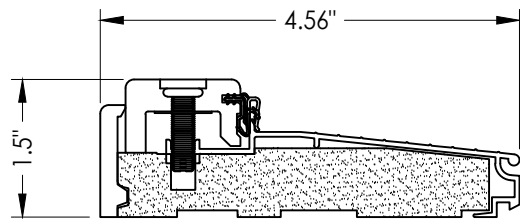
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



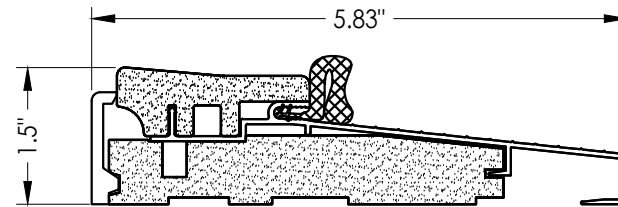
1 WOOD JAMB



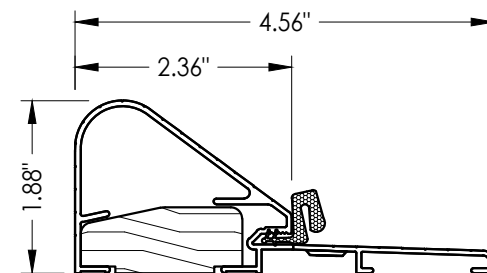
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



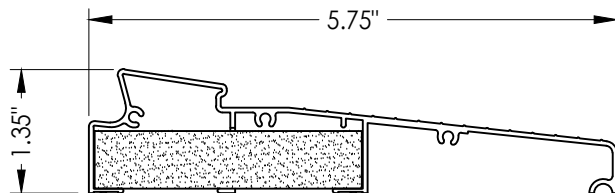
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



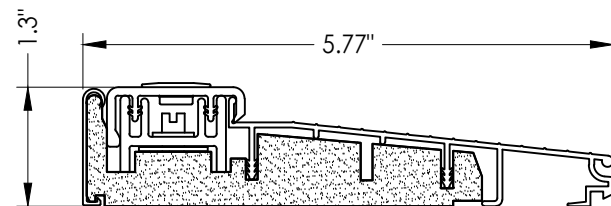
16 OUTSWING THRESHOLD
Composite Sill



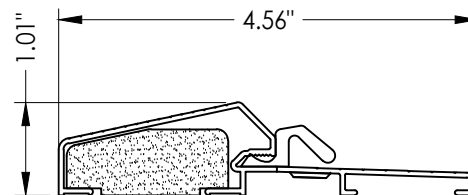
19 COASTAL OUTSWING THRESHOLD
Wood / Aluminum Sill



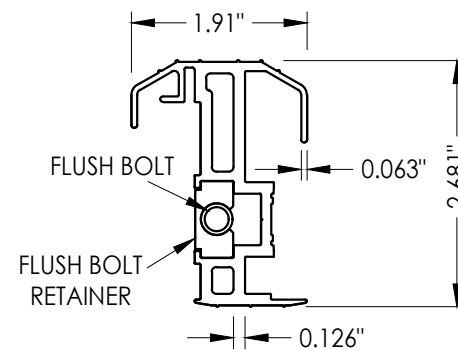
34 INSWING THRESHOLD
Inswing Moderate Climate Sill 1-3/8"



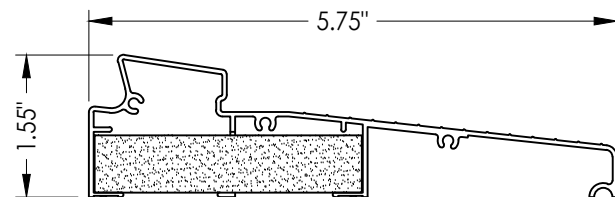
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



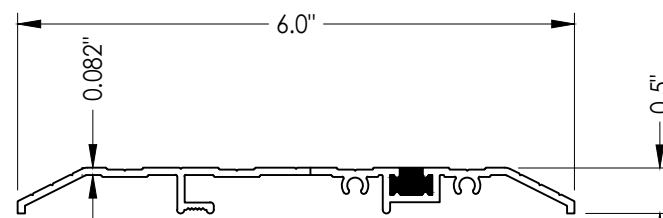
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



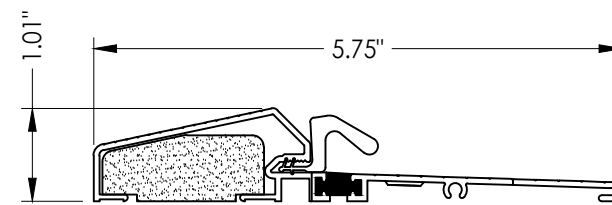
20 COASTAL ALUMINUM ASTRAGAL



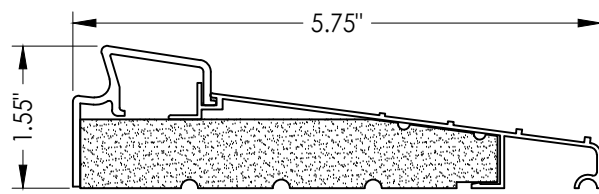
35 INSWING THRESHOLD
Inswing Moderate Climate Sill



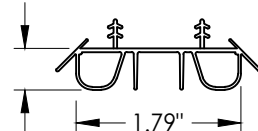
15 PUBLIC ACCESS THRESHOLD



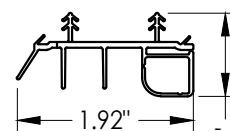
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



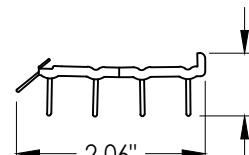
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



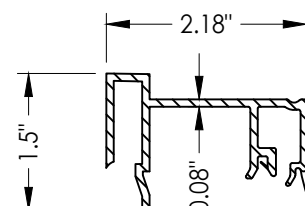
8 SWEEP



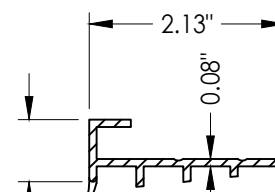
9 SWEEP



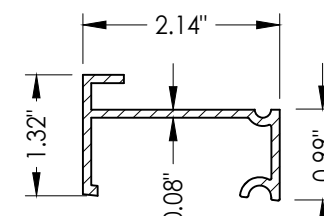
10 SWEEP



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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

RW

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC
3	8/18/23	UPDATE TO 8TH ED. (2023) FBC
2	7/15/20	UPDATE TO 7th ED (2020) FBC
1	4/06/19	ADD 5-1/2" LATCH/DB SPACING

DATE:	12/22/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21142.5
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	28A	DEADBOLT SUB STRIKE PLATE	STEEL
			29	4" X 4" HINGE	STEEL
F	#10 X 2" PFH WOOD SCREW	STEEL	30	LATCH & DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	31	MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	32	INSWING THRESHOLD	ALUM/COMP
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	33	INSWING THRESHOLD	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	34	INSWING THRESHOLD	ALUM/COMP
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	35	INSWING THRESHOLD	ALUM/COMP
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	36	INSWING THRESHOLD	ALUM/COMP
1	JAMB (FINGER JOINT PINE)	WOOD	37	INSWING THRESHOLD	ALUM/COMP
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	38	INSWING THRESHOLD	ALUM/COMP
7	WEATHERSTRIP (LONG REACH)	FOAM	39	INSWING THRESHOLD	ALUM/COMP
8	SWEEP	VINYL	40	DOOR PANEL (BOOK)	-
9	SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)	VINYL	41	DOOR PANEL (HYBRID)	-
10	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL	42	DOOR PANEL (U1)	-
15	PUBLIC ACCESS THRESHOLD	ALUM	50	SIDELITE (FULL LITE)	-
16	OUTSWING THRESHOLD	ALUM/COMP	75	SIDELITE SPACER (INSWING)	PVC
17	OUTSWING THRESHOLD	ALUM/COMP	76	SIDELITE SPACER (OUTSWING)	PVC
18	OUTSWING THRESHOLD	ALUM/COMP	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC
19	COASTAL OUTSWING THRESHOLD	ALUM/WOOD	88	2X MULLION (SG >= 0.55)	WOOD
22	#8 x 3/4" PFH WOOD SCREW	STEEL			
23	#10 x 3/4" PFH WOOD SCREW	STEEL			
24	#10 x 1" PFH WOOD SCREW	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.

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.

DATE: 12/22/16		THERMA-TRU FIBERGLASS DOOR		PRODUCT:		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: BILL OF MATERIALS		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		RW	
DWG. BY: JK		NO. DATE		REVISIONS			
CHK. BY: LFS		4 7/02/26 UPDATE TO 9TH ED. (2026) FBC		LFS			
DRAWING NO.: FL-21142.5		3 8/18/23 UPDATE TO 8TH ED. (2023) FBC		LFS			
SHEET 14 OF 14		2 7/15/20 UPDATE TO 7th ED (2020) FBC		PO			
		1 4/06/19 ADD 5-1/2" LATCH/DB SPACING		LFS			