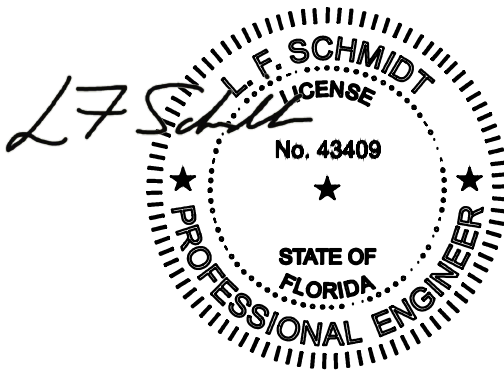




Digitally signed by
Lyndon F Schmidt
Date: 2026.08.06
16:12:09 -04'00'

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

WOOD EDGE
GLAZED FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"NON-IMPACT"

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.
6. Benchmark Door and Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.

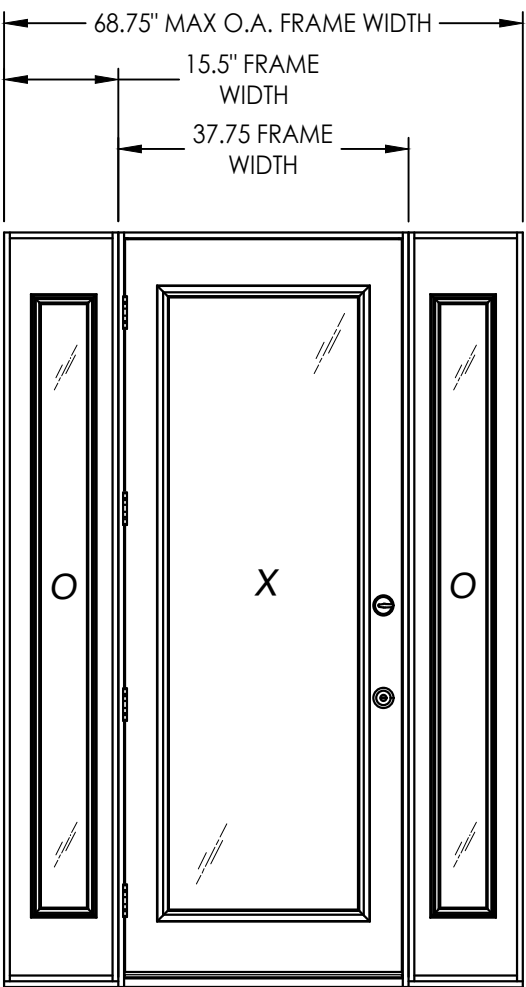
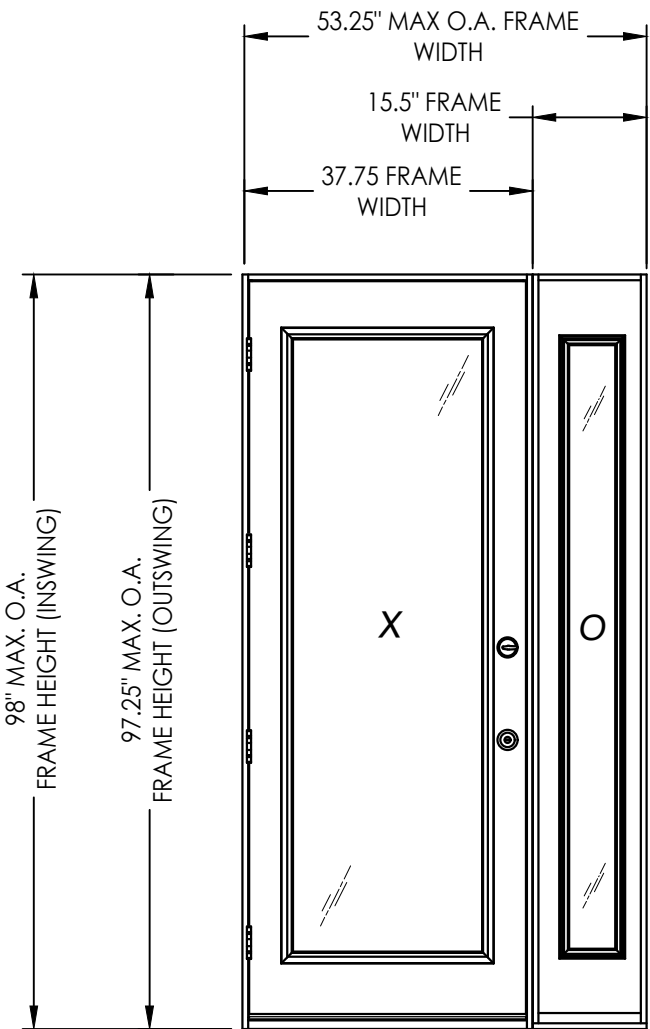


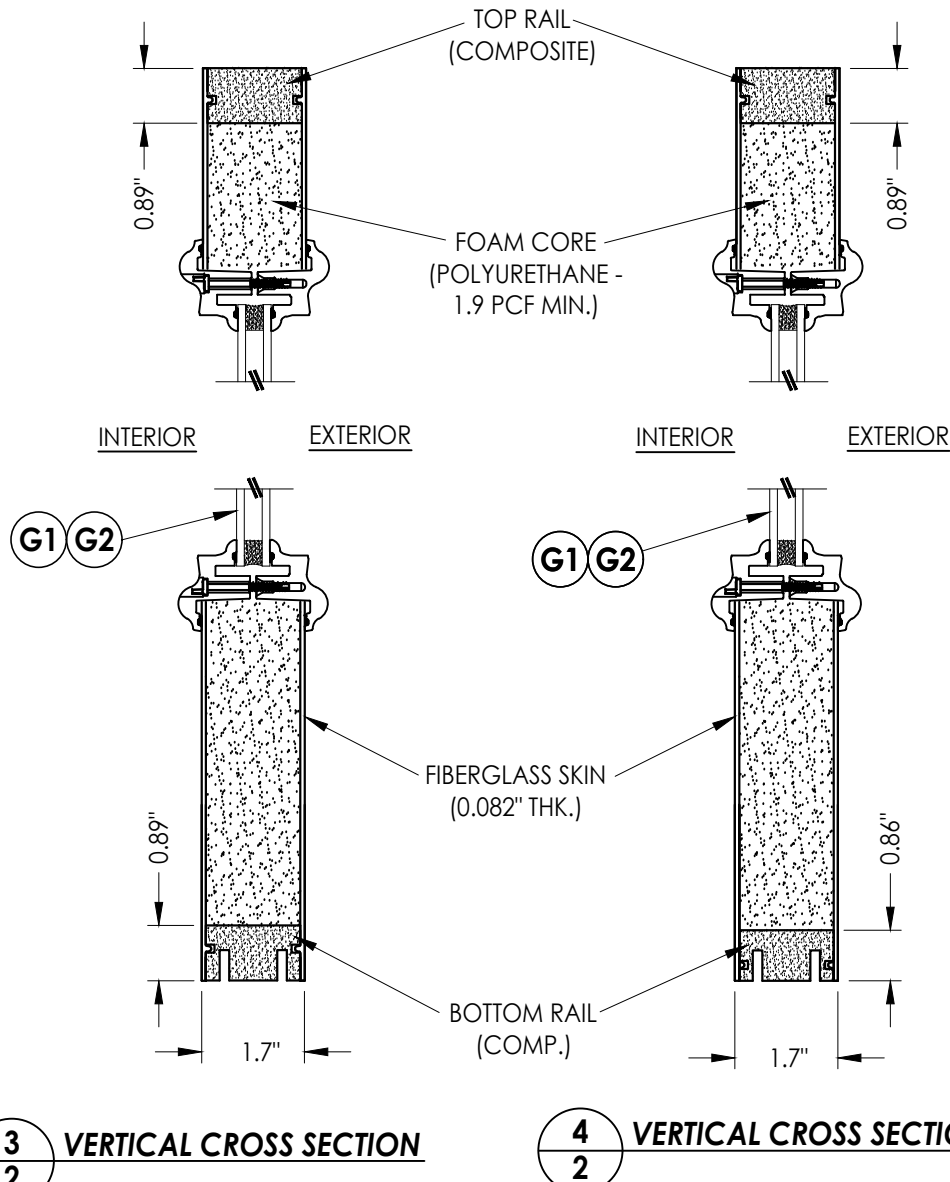
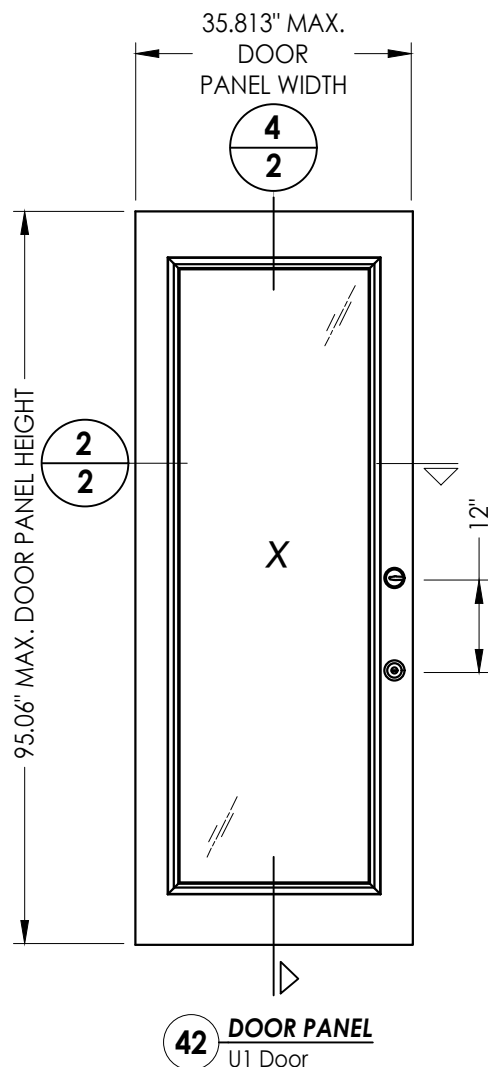
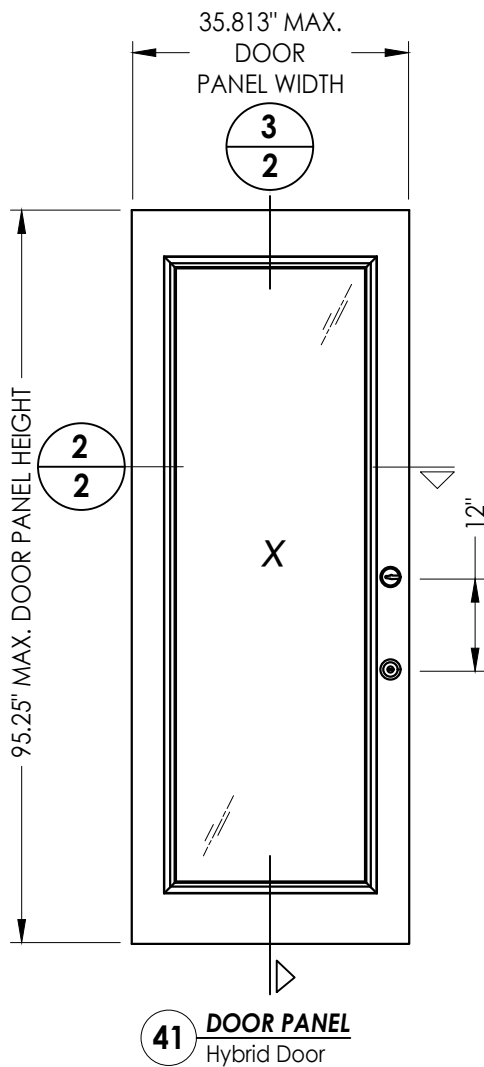
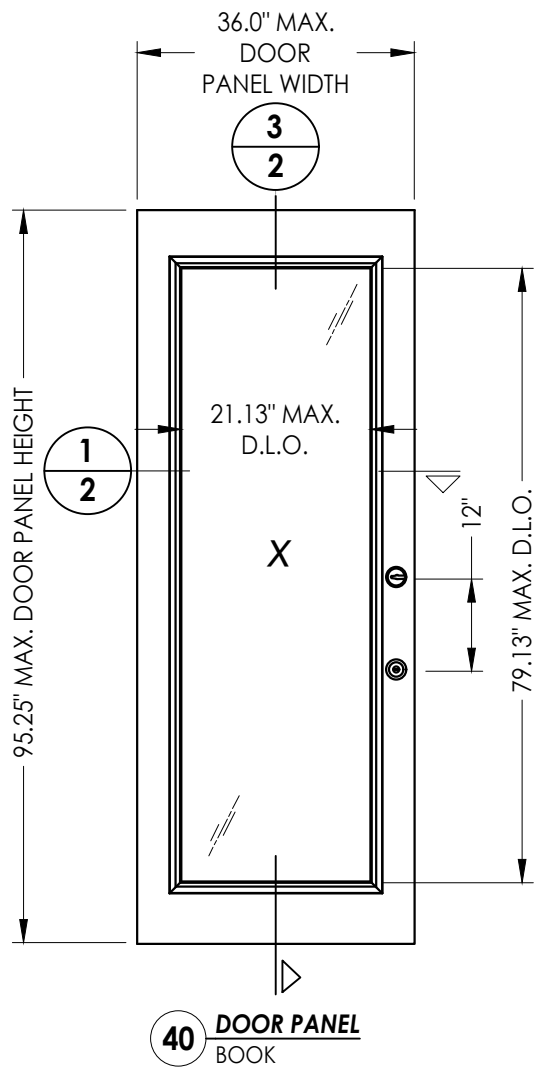
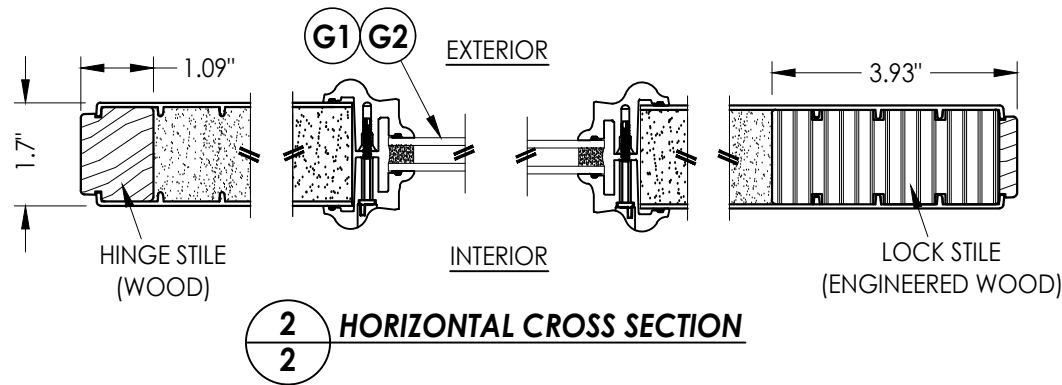
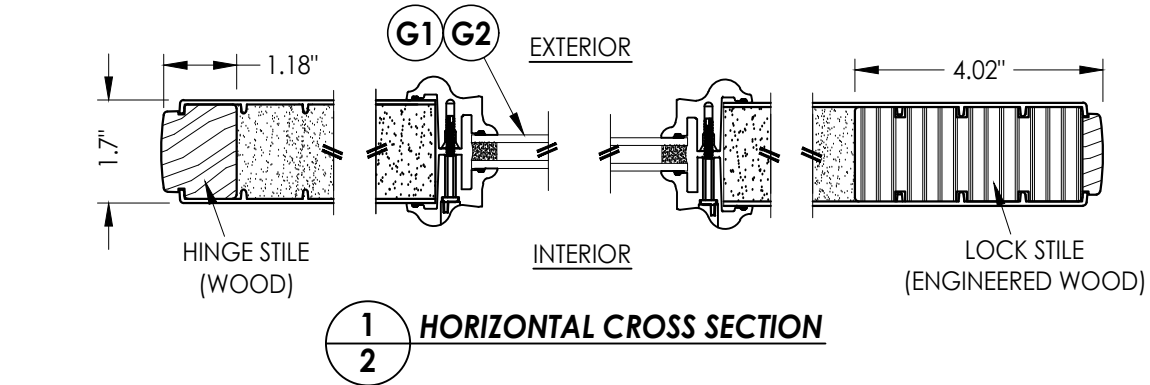
TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes	9	Horizontal & Vertical Cross Sections (Direct to Masonry)
2	Door Panel Details	10	Vertical Cross Sections (Thresholds)
3	Door Panel Details	11	Buck Anchoring
4	Door Panel Details	12	Frame Anchoring
5	Sidelite Panel Details	13	Hardware Details
6	Elevations	14	Glazing details
7	Horizontal & Vertical Cross Sections (2X Buck)	15	Components
8	Horizontal & Vertical Cross Sections (1X Buck)	16	Bill of Materials

CONFIGURATION	LITE INSERT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXO	Lip Lite	+47.0	-47.0	+47.0	-47.0
XO, OX, OXO	Flush Glazed	+45.0	-45.0	+45.0	-45.0
XO, OX, OXO	3/4 Flush Glazed	+35.0	-35.0	+35.0	-35.0

See Sheet 6 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	7/2/26	UPDATE TO 9TH ED. (2026) FBC	LFS				
4	8/21/23	UPDATE TO 8TH ED. (2023) FBC	LFS				
3	7/16/20	UPDATE TO 7th ED (2020) FBC	PO				
2	10/08/18	REV. DOOR PANEL OPTION NOTE	MT				
1	12/03/17	RECESSED PANEL NOTATION	JK				
NO. DATE							
REVISIONS							
DATE: 07/07/17							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-21135.8							
SHEET 1 OF 16							

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



DATE		UPDATE TO		REVISIONS	
NO.	DATE	BY	CHK.	DESCRIPTION	DATE
5	7/2/26	LFS	JK	UPDATE TO 9TH ED. (2026) FBC	7/2/26
4	8/21/23	LFS	JK	UPDATE TO 8TH ED. (2023) FBC	8/21/23
3	7/16/20	PO	JK	UPDATE TO 7TH ED. (2020) FBC	7/16/20
2	10/08/18	MT	JK	REV. DOOR PANEL OPTION NOTE	10/08/18
1	12/03/17	BY	JK	RECESSED PANEL NOTATION	12/03/17

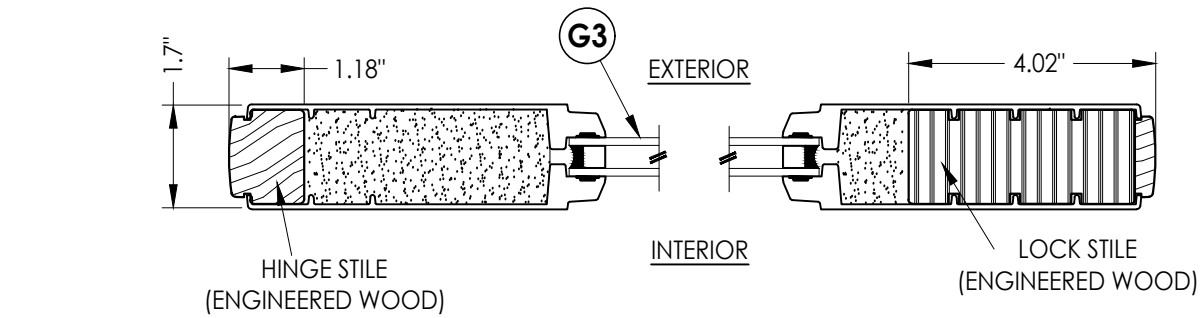
PRODUCT:		PART OR ASSEMBLY:	
THERMA-TRU FIBERGLASS DOOR		DOOR PANEL DETAILS	

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

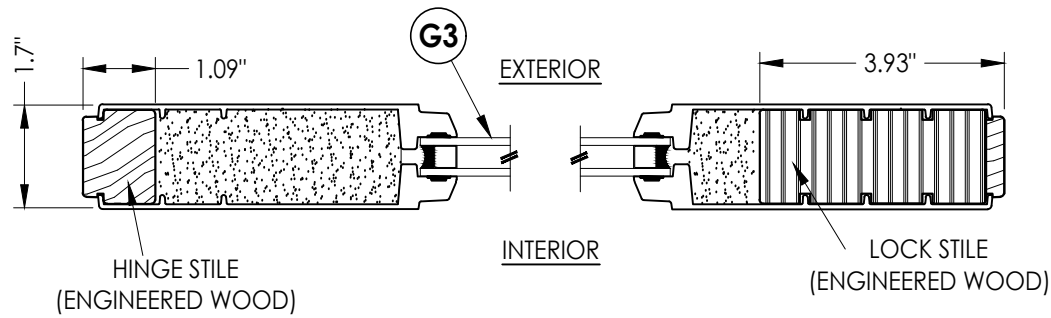
RW

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

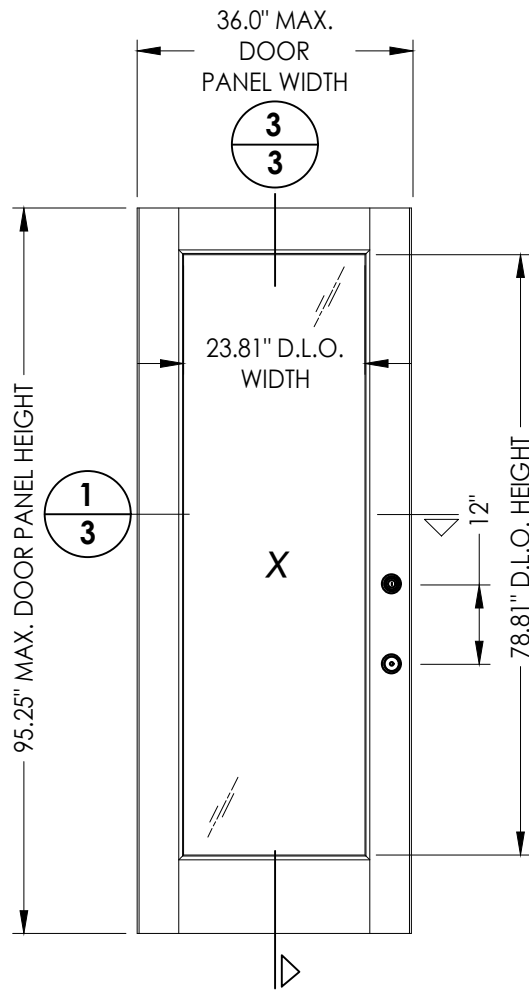
Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



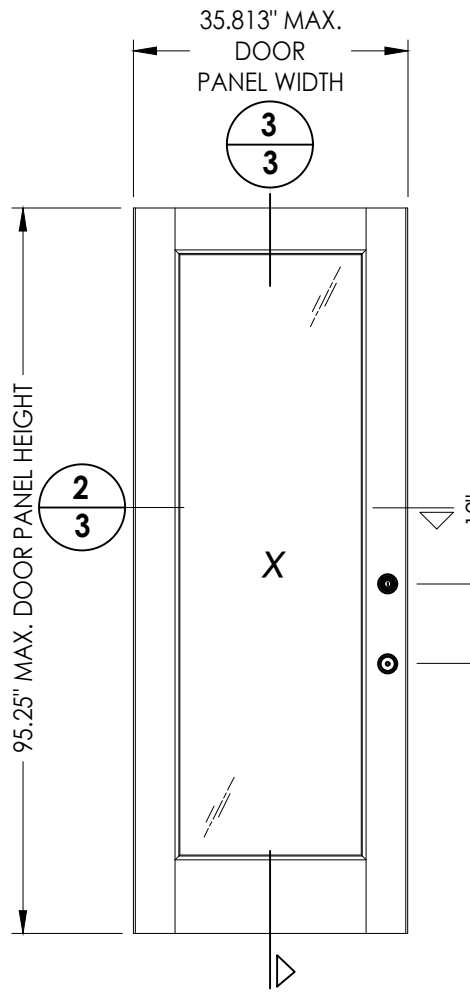
1
3 **HORIZONTAL CROSS SECTION**



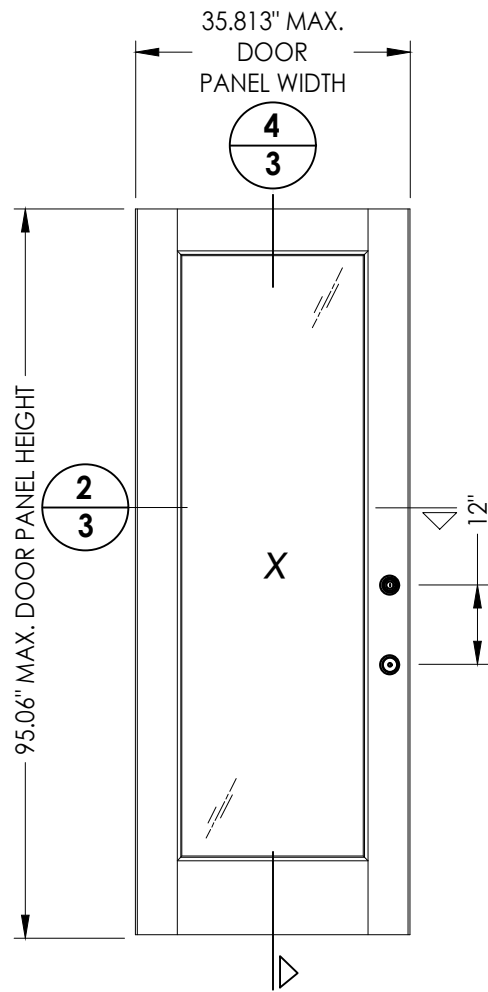
2
3 **HORIZONTAL CROSS SECTION**



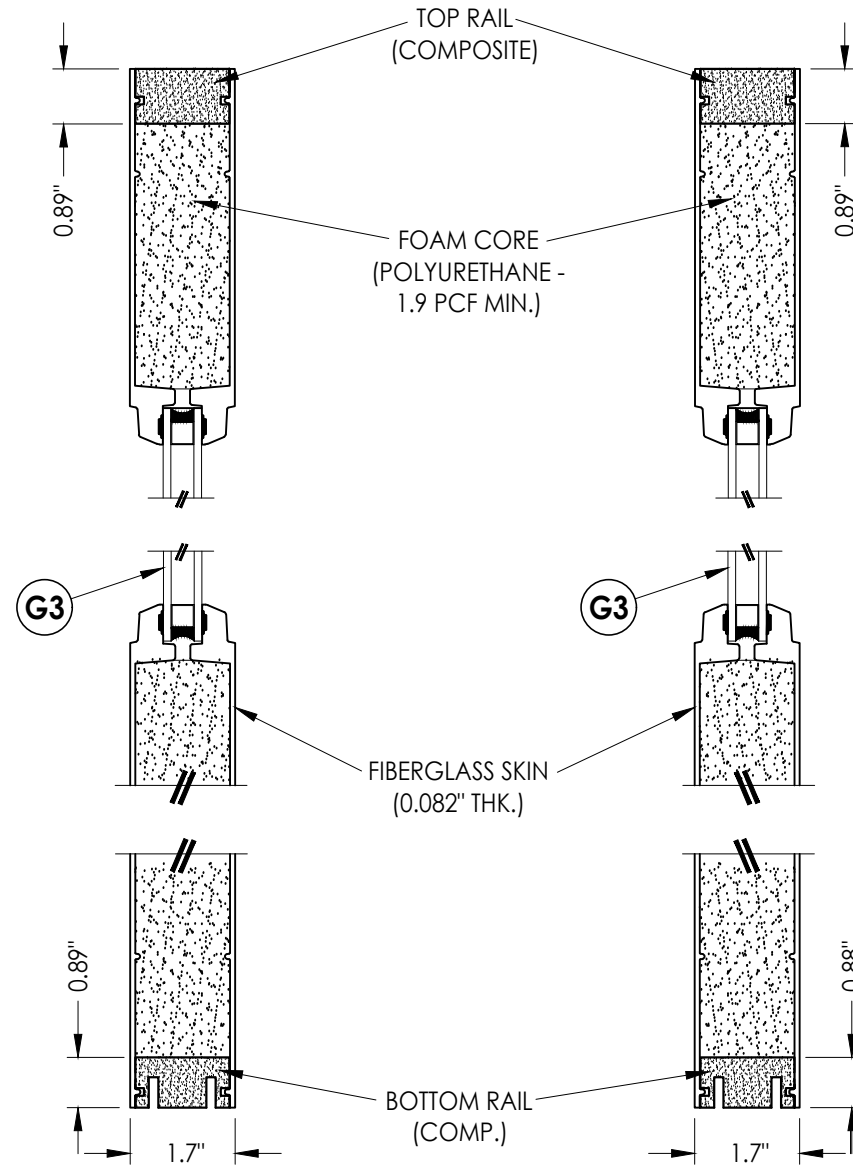
43 **DOOR PANEL**
BOOK



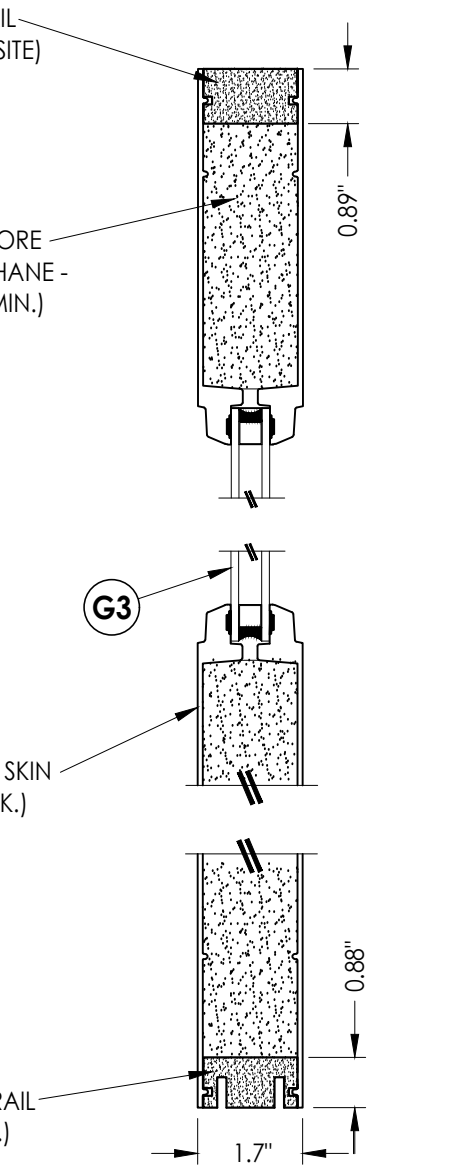
44 **DOOR PANEL**
Hybrid Door



45 **DOOR PANEL**
U1 Door



3
3 **VERTICAL CROSS SECTION**



4
3 **VERTICAL CROSS SECTION**

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
5	7/2/26	UPDATE TO 9TH ED. (2026) FBC
4	8/21/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7TH ED. (2020) FBC
2	10/08/18	REV. DOOR PANEL OPTION NOTE
1	12/03/17	RECESSED PANEL NOTATION

DATE: 07/07/17

SCALE: N.T.S.

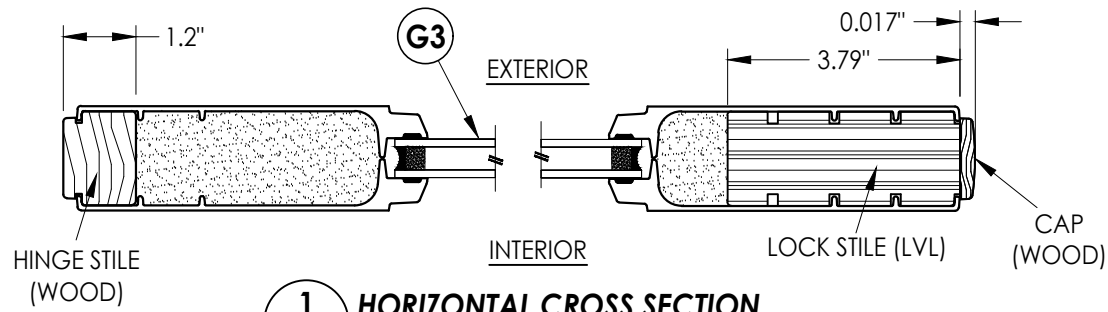
DWG. BY: JK

CHK. BY: LFS

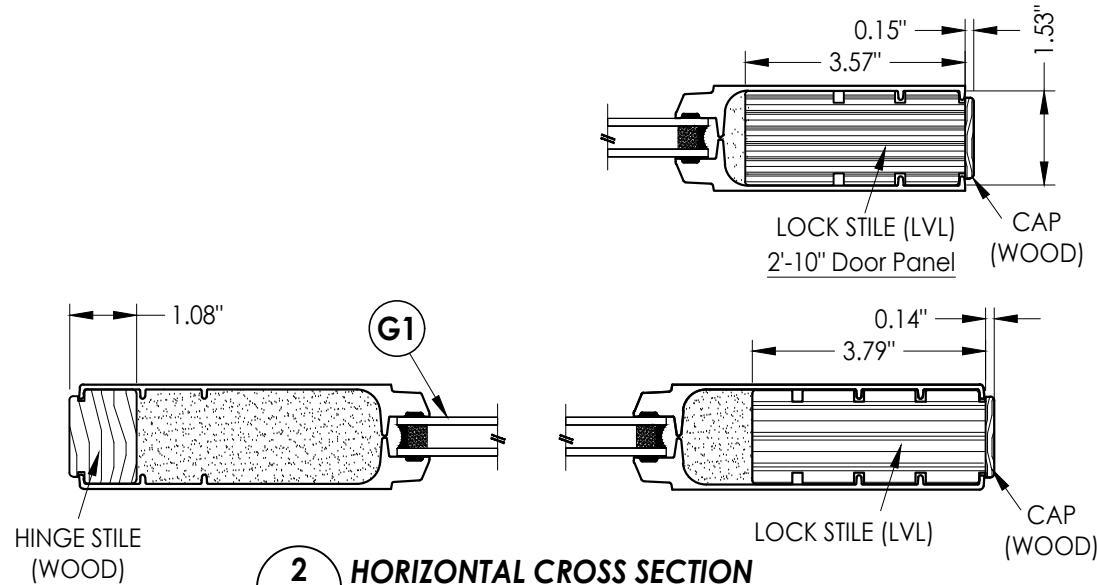
DRAWING NO.: FL-21135.8

SHEET 3 OF 16

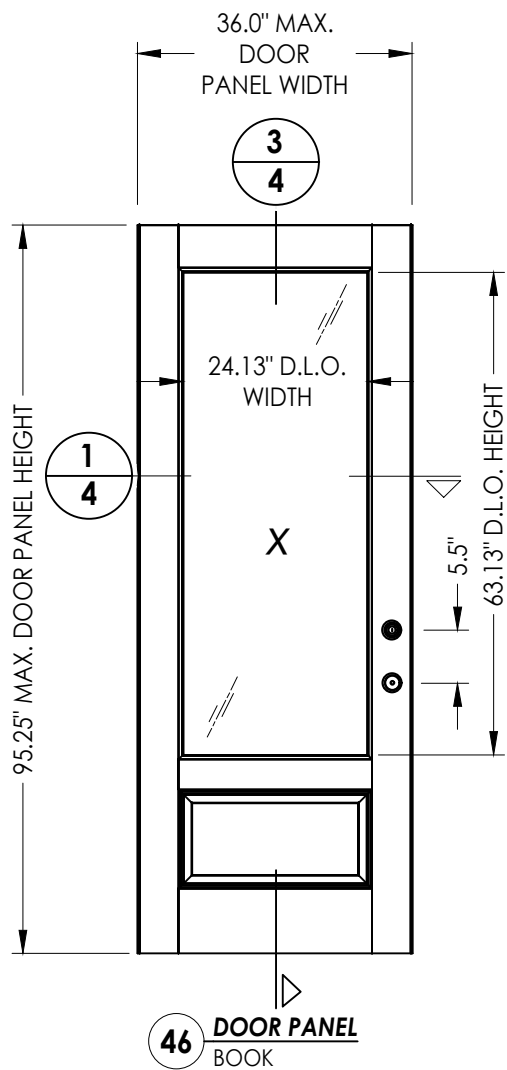
Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



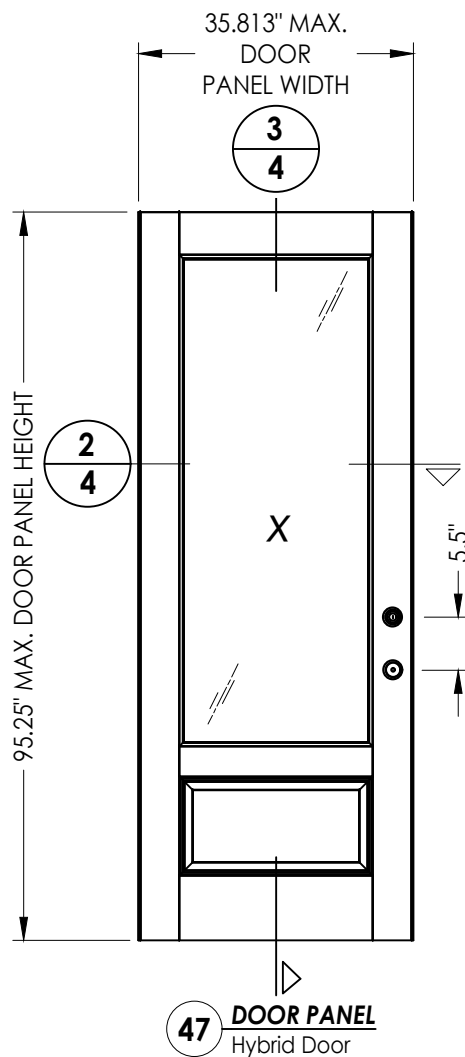
1
4 HORIZONTAL CROSS SECTION



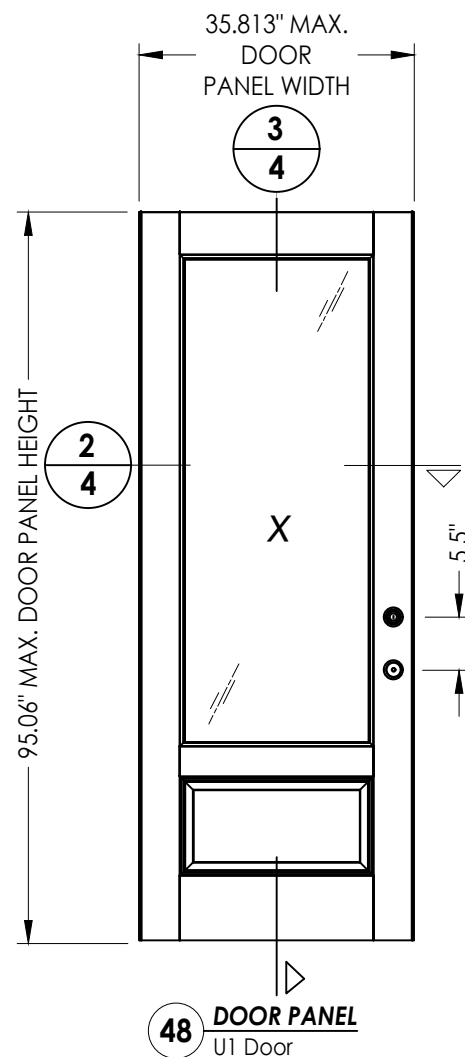
2
4 HORIZONTAL CROSS SECTION



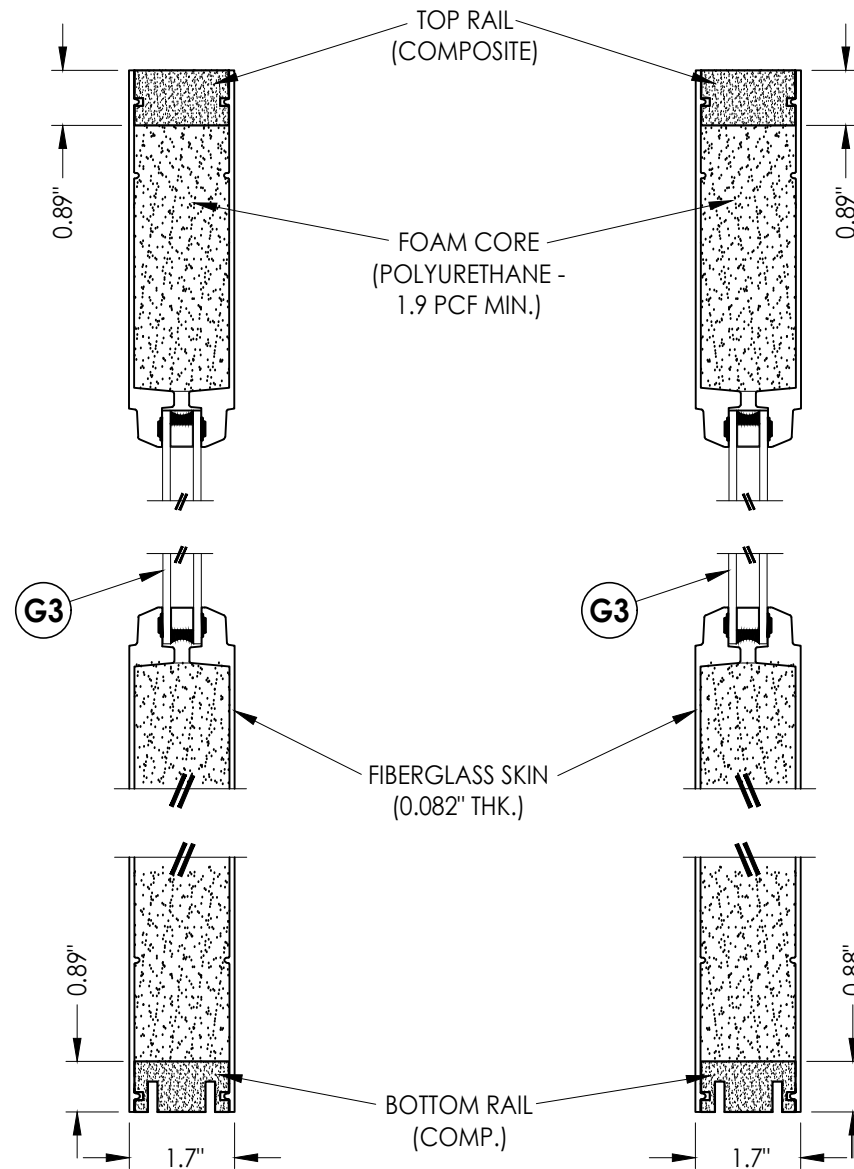
46 DOOR PANEL BOOK



47 DOOR PANEL Hybrid Door



48 DOOR PANEL U1 Door



3
4 VERTICAL CROSS SECTION

4
4 VERTICAL CROSS SECTION

REVISIONS		DATE		NO.		BY		MT		PO		FBC		FBC		FBC		LFS	
1		12/03/17		1		JK		RECESSED PANEL NOTATION		MT		FBC		FBC		FBC		LFS	
2		10/08/18		2		JK		REV. DOOR PANEL OPTION NOTE		MT		FBC		FBC		FBC		LFS	
3		7/16/20		3		PO		UPDATE TO 7th ED (2020)		PO		FBC		FBC		FBC		LFS	
4		8/21/23		4		LFS		UPDATE TO 8th ED. (2023)		FBC		FBC		FBC		FBC		LFS	
5		7/2/26		5		LFS		UPDATE TO 9TH ED. (2026)		FBC		FBC		FBC		FBC		LFS	

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21135.8

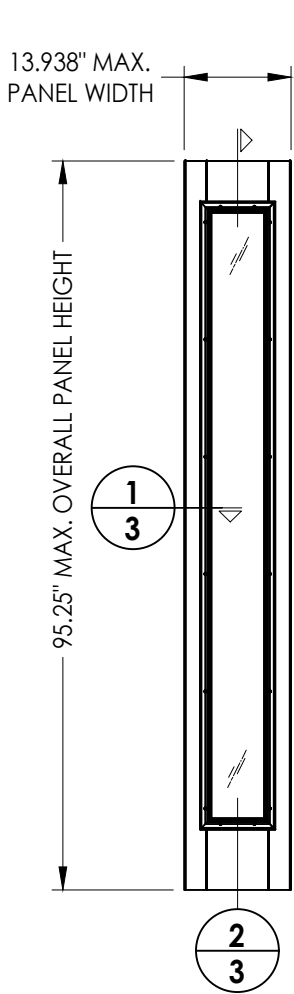
SHEET 4 of 16

PART OR ASSEMBLY:		DOOR PANEL DETAILS	
THERMA-TRU FIBERGLASS DOOR			

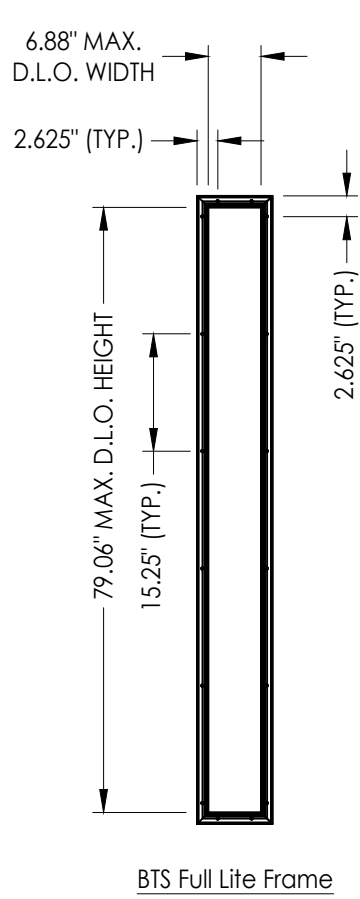
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

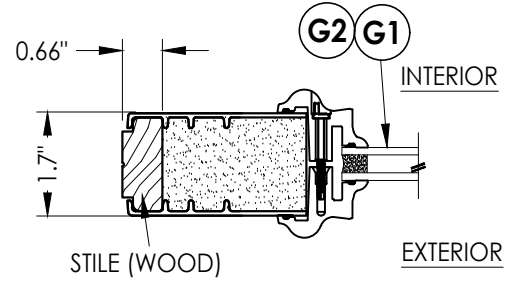
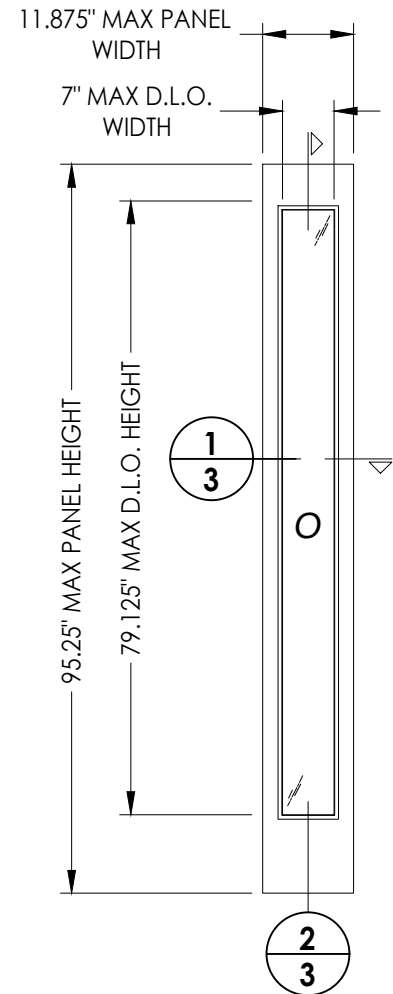
Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



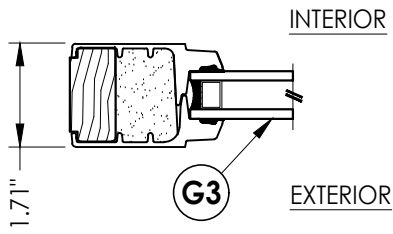
50 SIDELITE PANEL
FULL LITE
LIP LITE



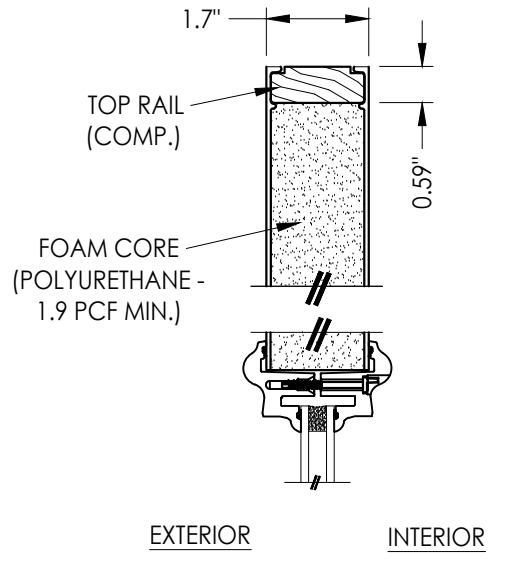
60 SIDELITE PANEL
FULL LITE
FLUSH GLAZED



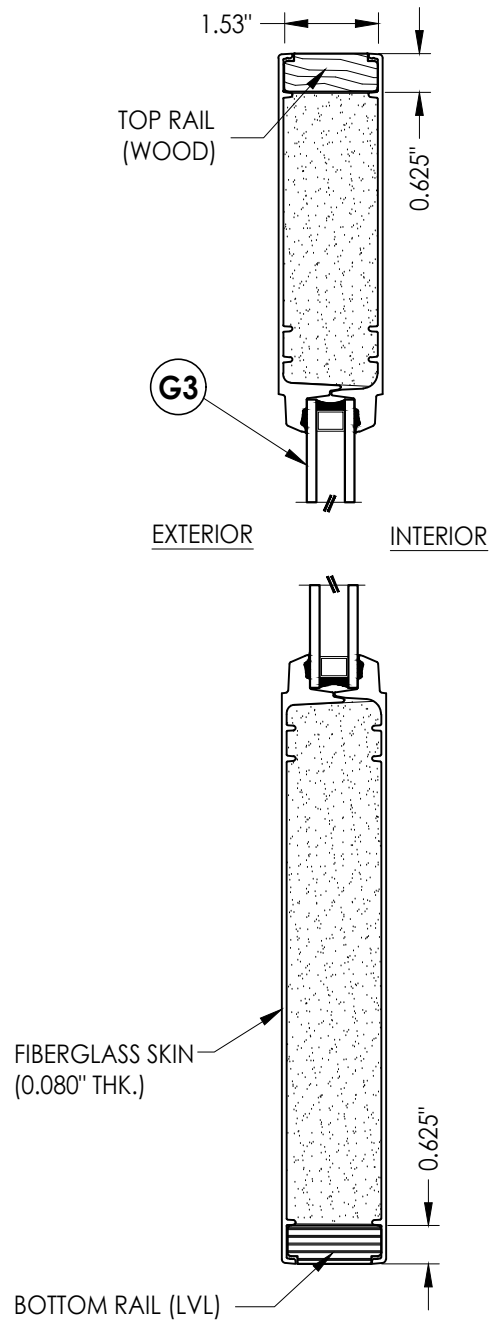
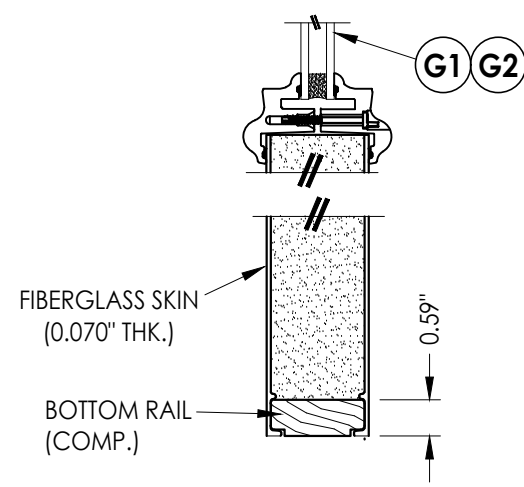
1 HORIZONTAL CROSS SECTION
3 Lip Lite Glazing



3 HORIZONTAL CROSS SECTION
3 Flush Glazed



2 VERTICAL CROSS SECTION
3 Lip Lite Glazing



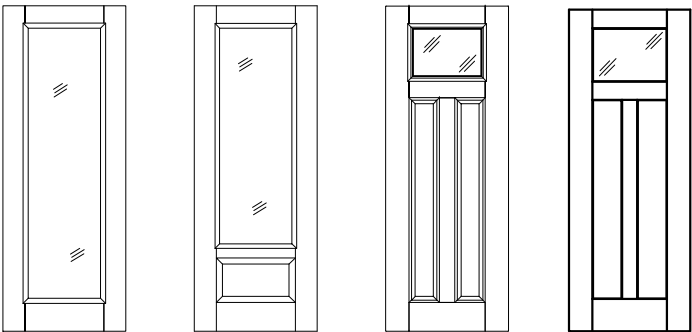
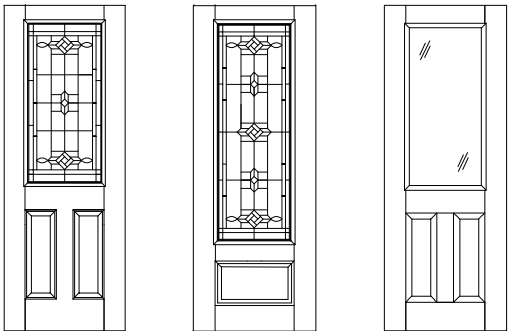
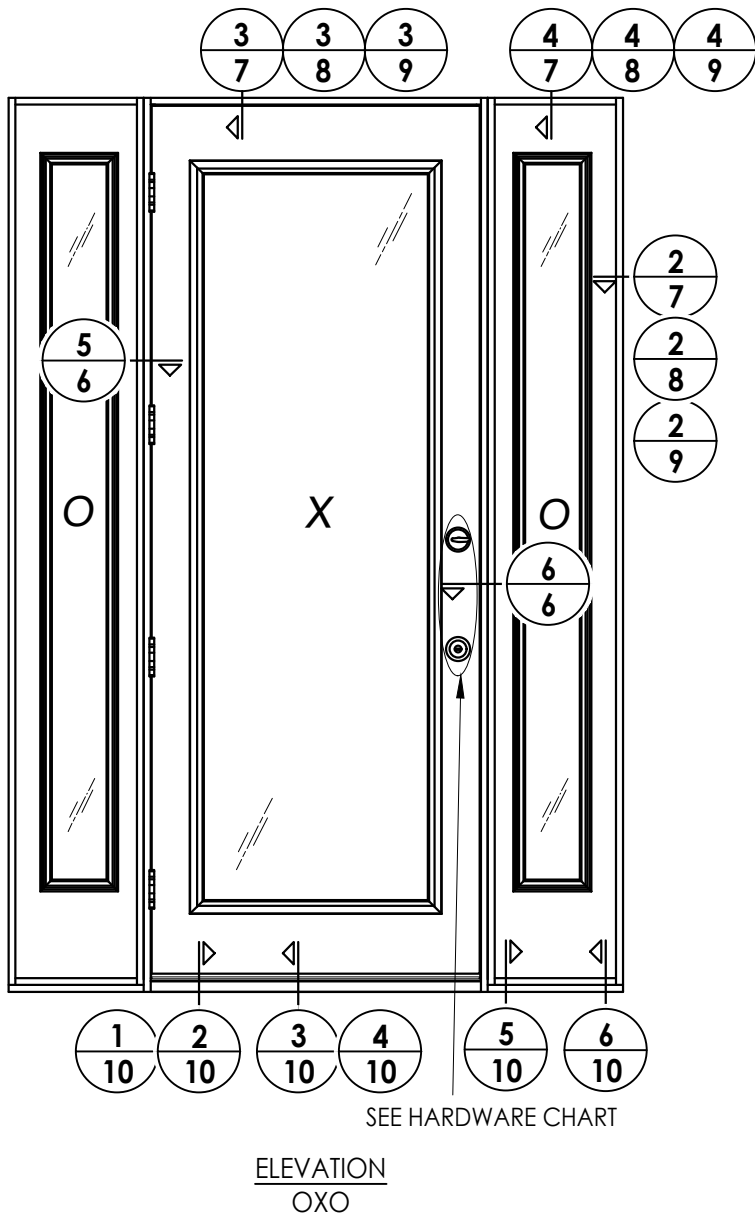
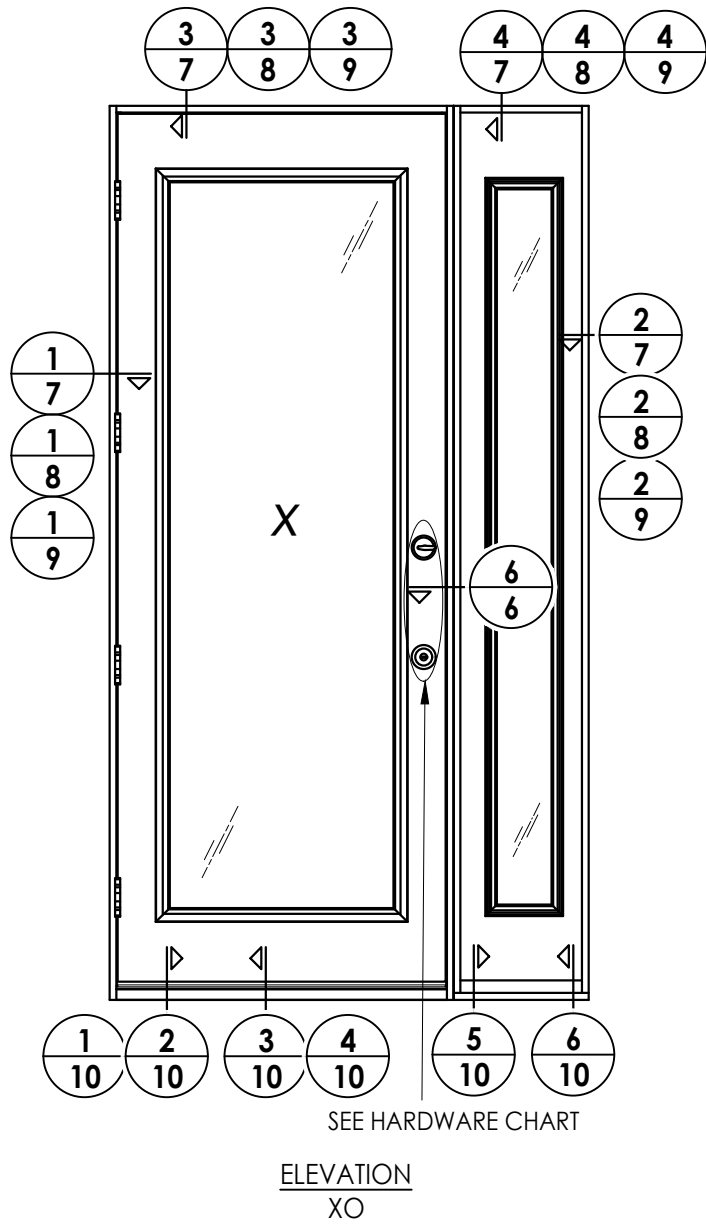
4 VERTICAL CROSS SECTION
3 Flush Glazed

PRODUCT:		THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
5	7/2/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	DATE	NO.	REVISIONS
4	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	DATE	NO.	REVISIONS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO	DATE	NO.	REVISIONS
2	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT	DATE	NO.	REVISIONS
1	12/03/17	RECESSED PANEL NOTATION		JK	DATE	NO.	REVISIONS
DATE:		07/07/17		SCALE:		N.T.S.	
DWG. BY:		JK		CHK. BY:		LFS	
DRAWING NO.:		FL-21135.8		SHEET		5 OF 16	

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

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

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



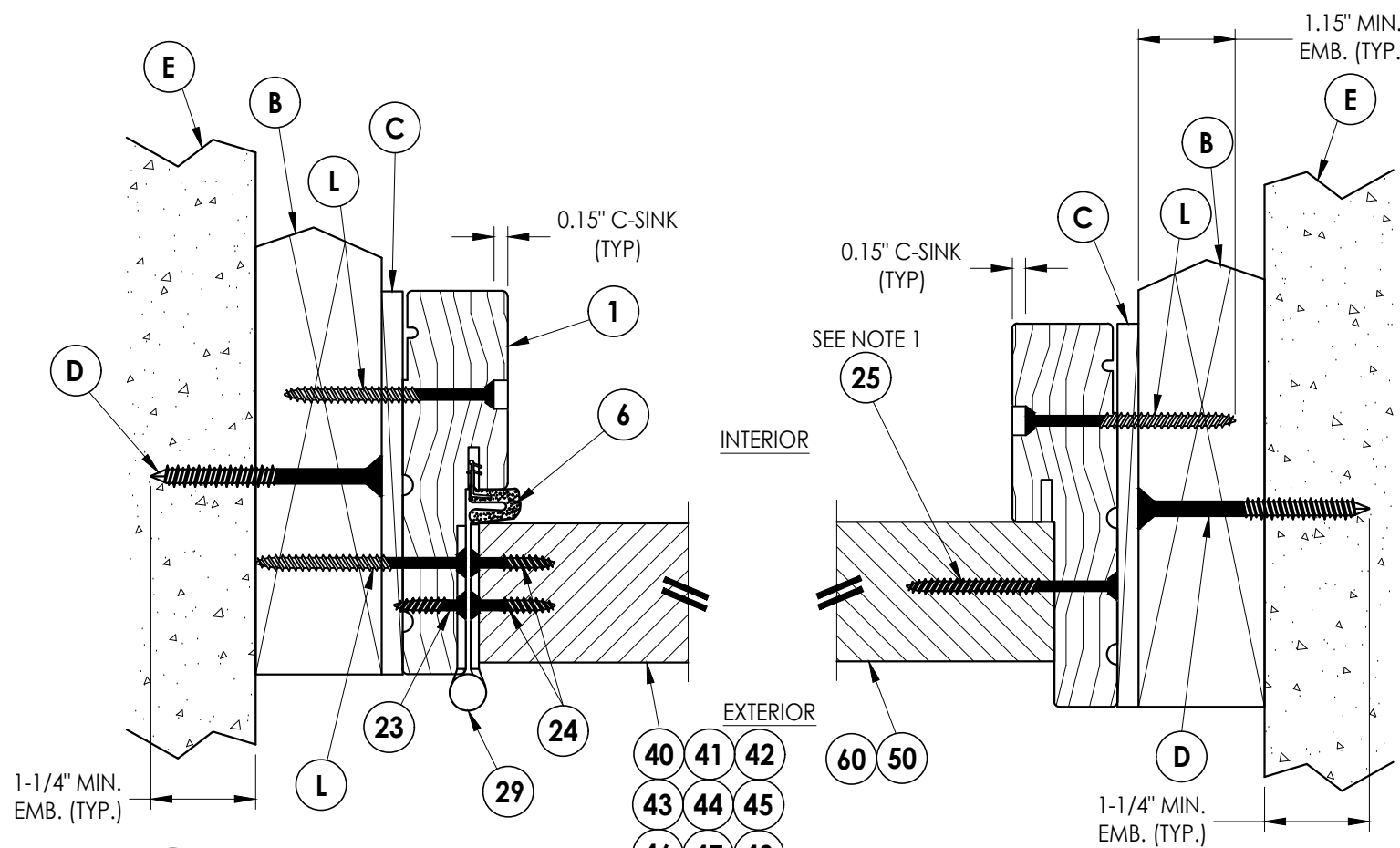
HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	Knob:	F51
	Deadbolt:	B60
KWIKSET	Knob:	SIGNATURE SERIES
	Deadbolt:	SIGNATURE SERIES (980)

Benchmark 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.

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
DATE:		07/07/17	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-21135.8	
SHEET		6 OF 16	

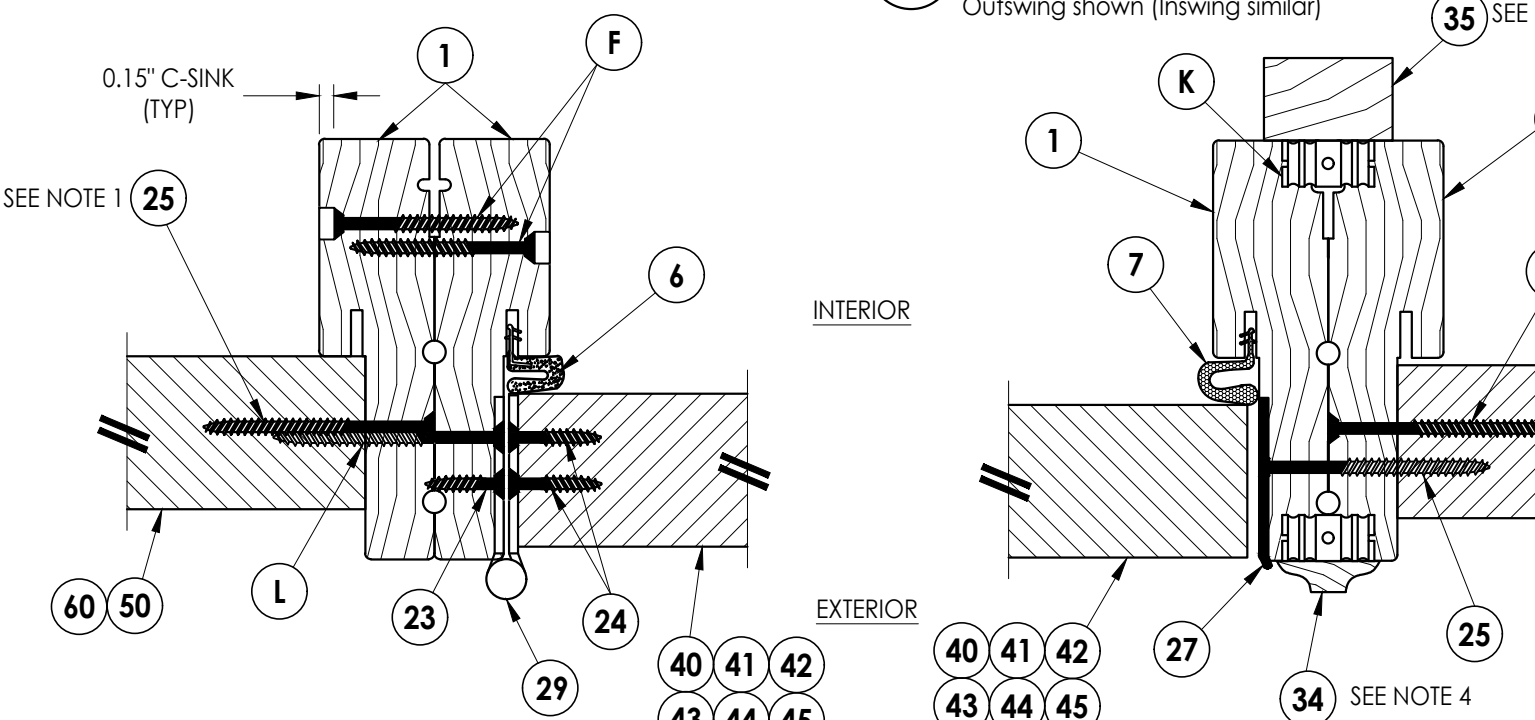
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



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

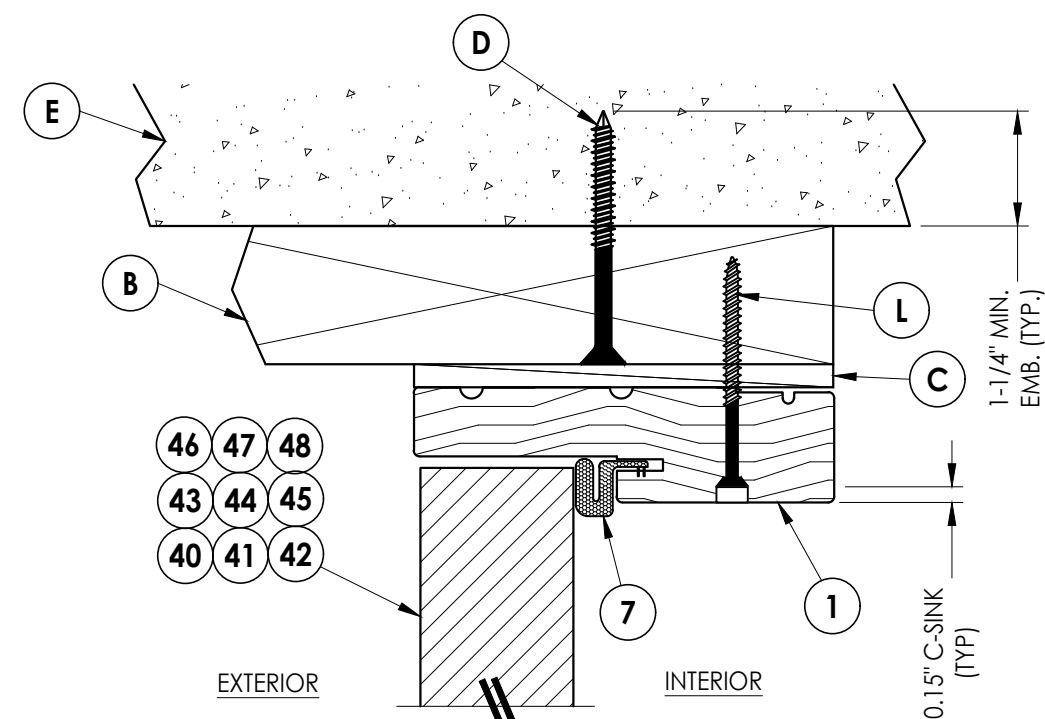
2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



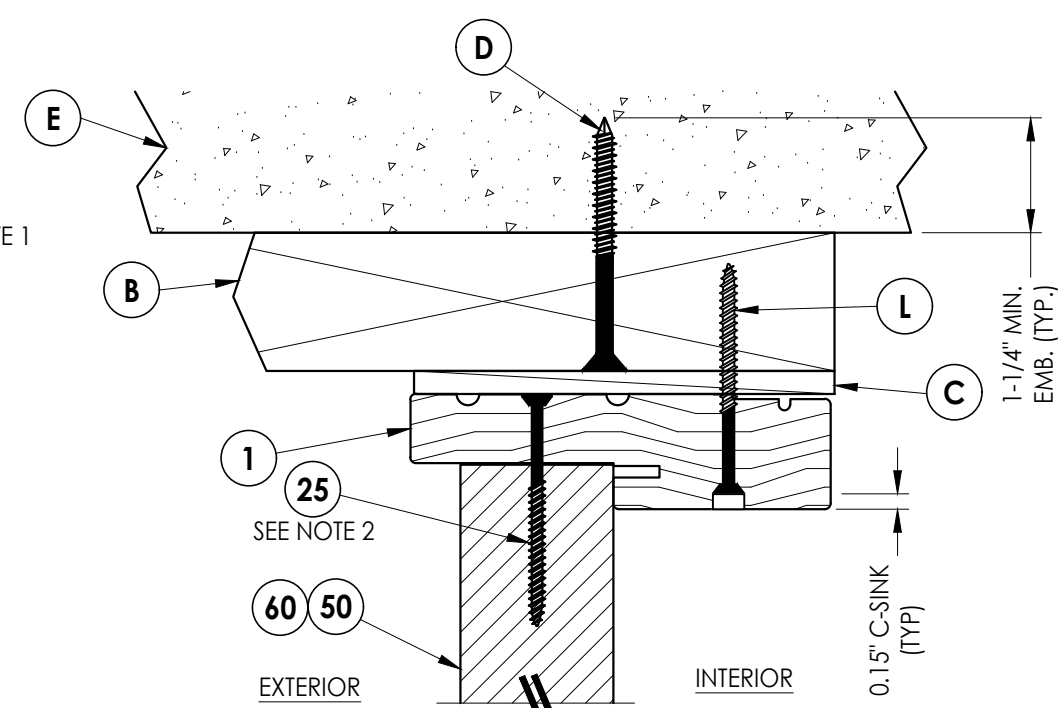
5
7 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

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

- Notes:
1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
 2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).
 3. Attach exterior casing optional w/ 2-2" Brad nails 16" O.C.
 4. Attach interior casing optional w/ 2-1" Brad nails 16" O.C.



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

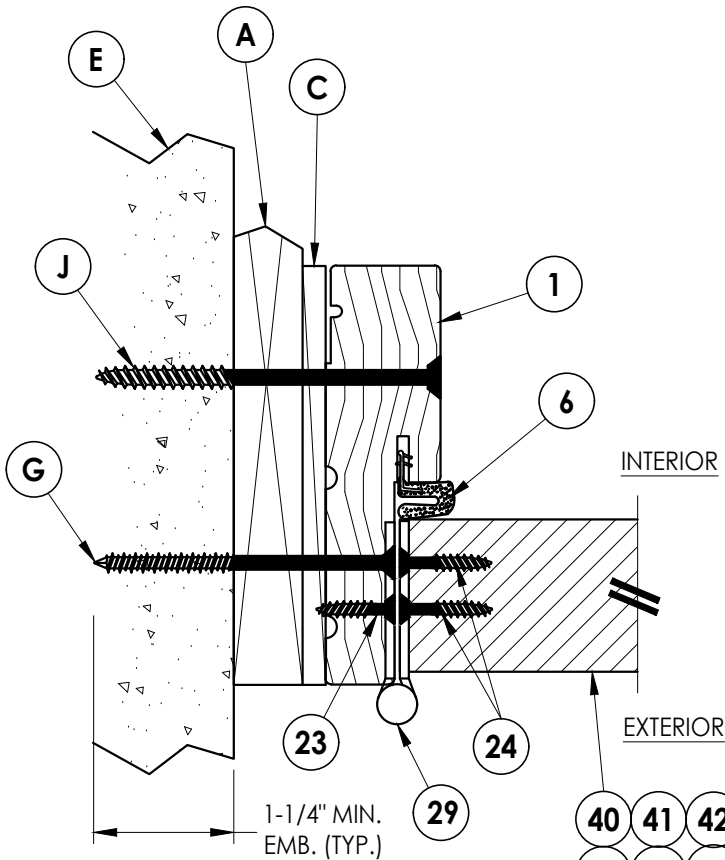


4
7 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

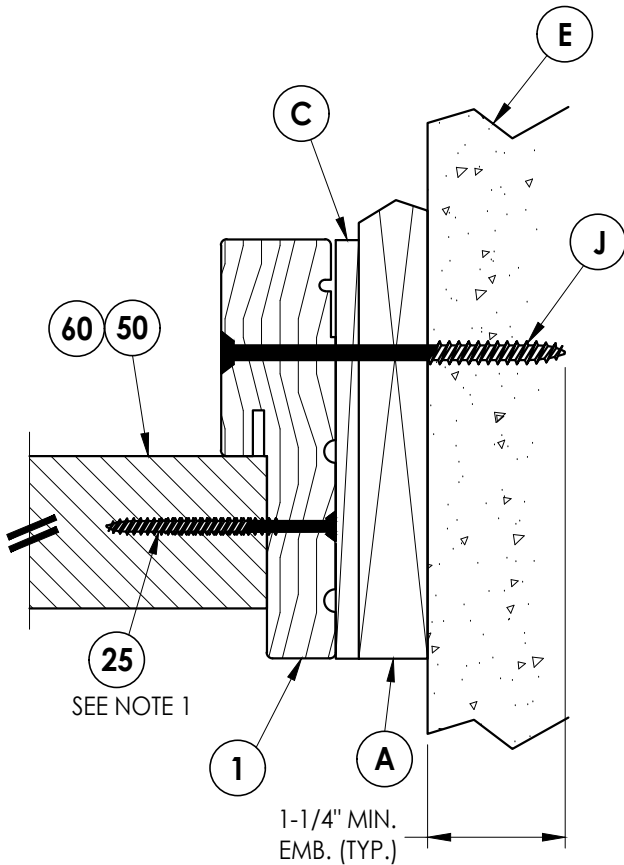
DATE: 07/07/17				PRODUCT:				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
SCALE: N.T.S.				THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)				<i>RW</i>			
DWG. BY: JK															
CHK. BY: LFS															
DRAWING NO.: FL-21135.8															
SHEET 7 OF 16															

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg

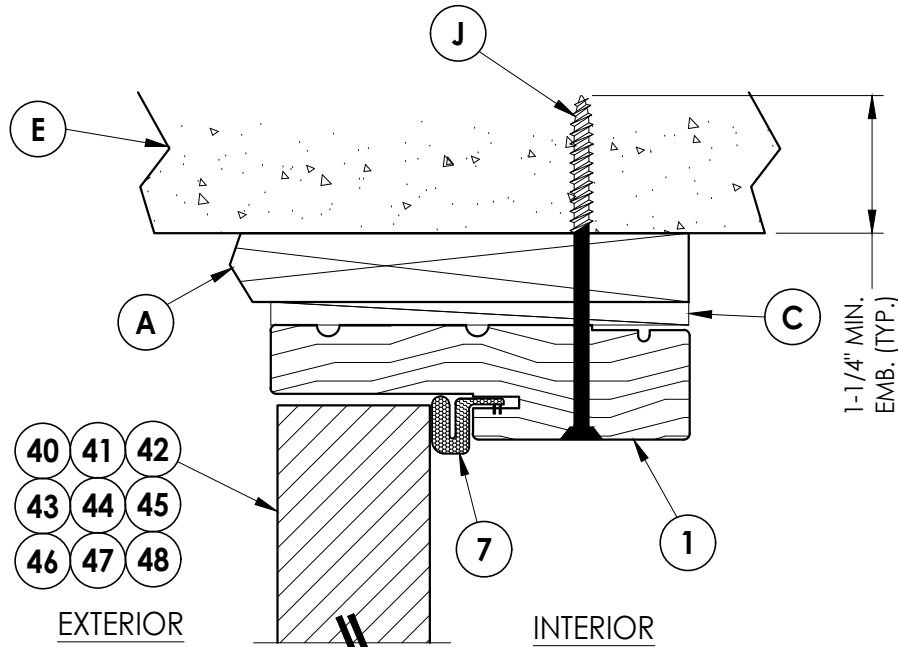
- Notes:
1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
 2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).



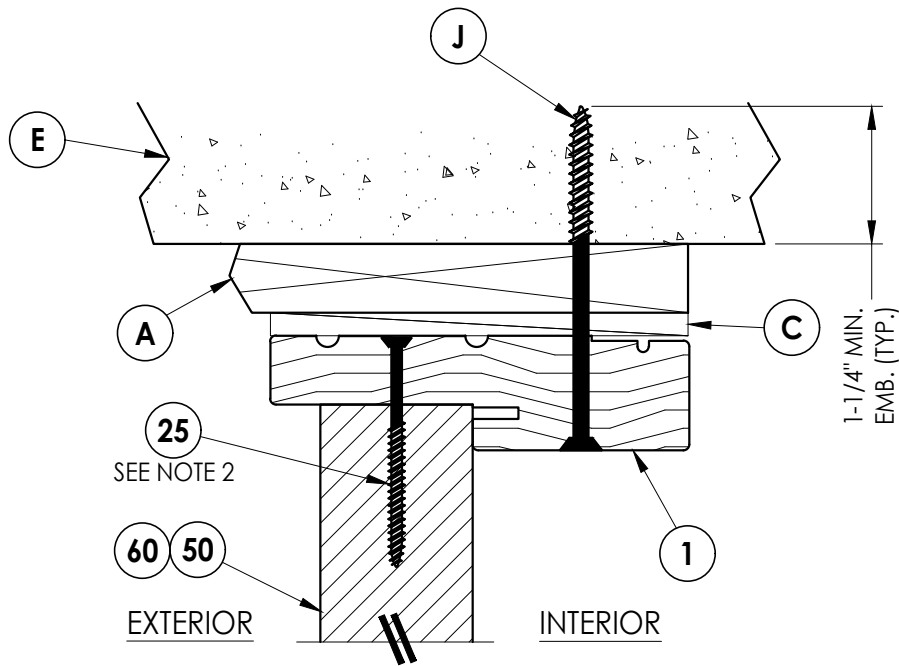
1
8 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



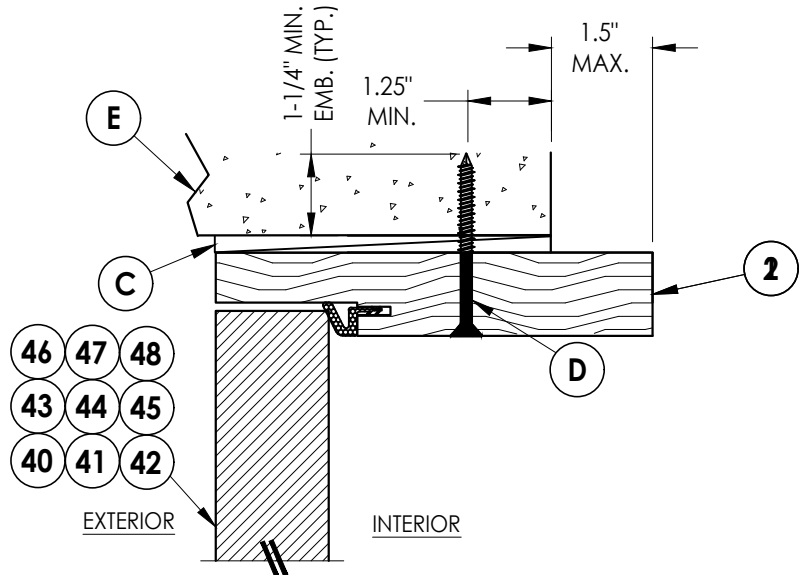
3
8 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



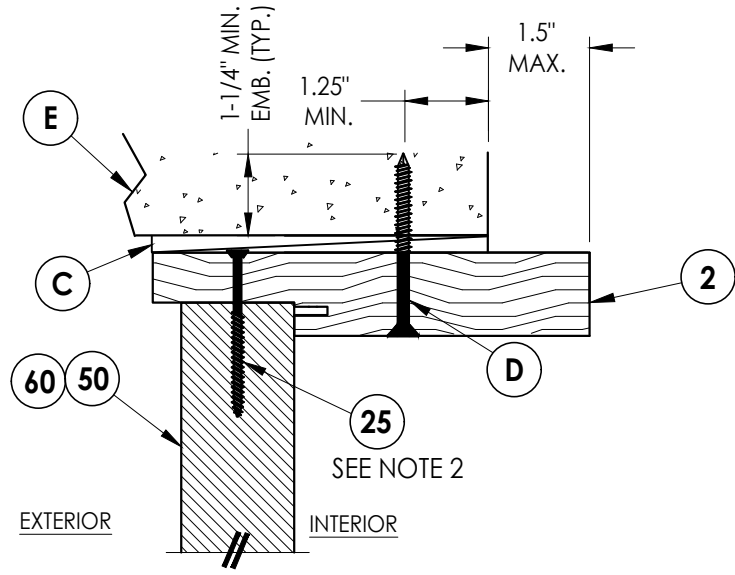
4
8 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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	7/2/26	UPDATE TO 9TH ED. (2026)	FBC LFS
4	8/21/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC PO
2	10/08/18	REV. DOOR PANEL OPTION	NOTE MT
1	12/03/17	RECESSED PANEL NOTATION	JK
NO. DATE		REVISIONS	
DATE: 07/07/17		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-21135.8		SHEET 8 OF 16	

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



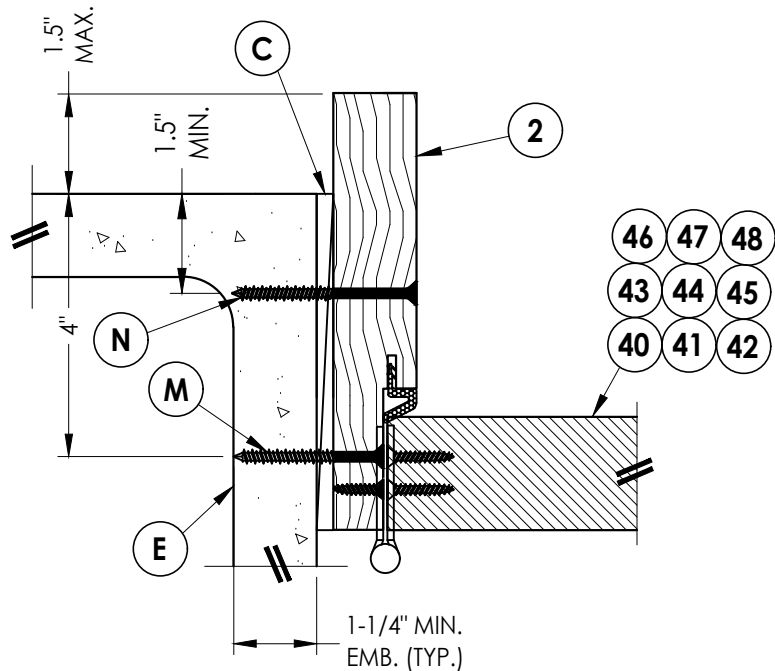
3
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



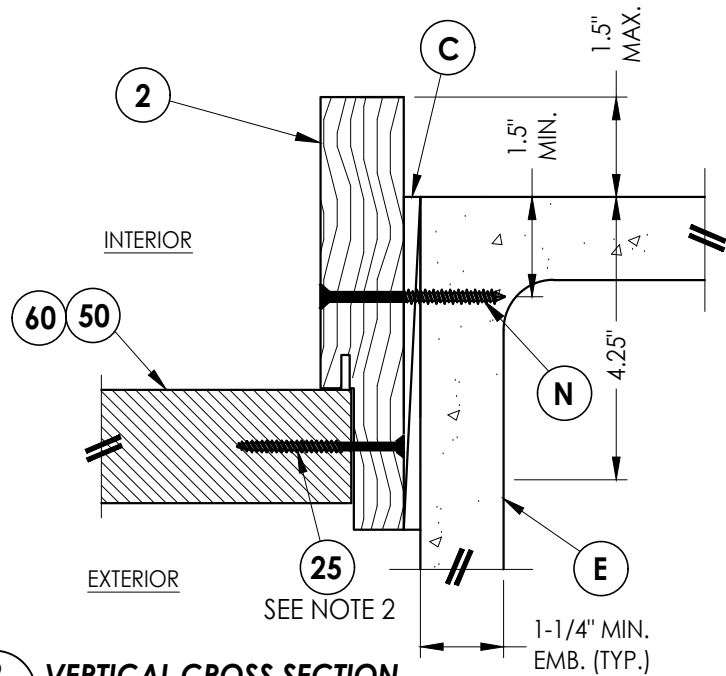
6
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).



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



2
9 **VERTICAL CROSS SECTION**
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
5	7/2/26	UPDATE TO 9TH ED. (2026) FBC
4	8/21/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/08/18	REV. DOOR PANEL OPTION NOTE
1	12/03/17	RECESSED PANEL NOTATION

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

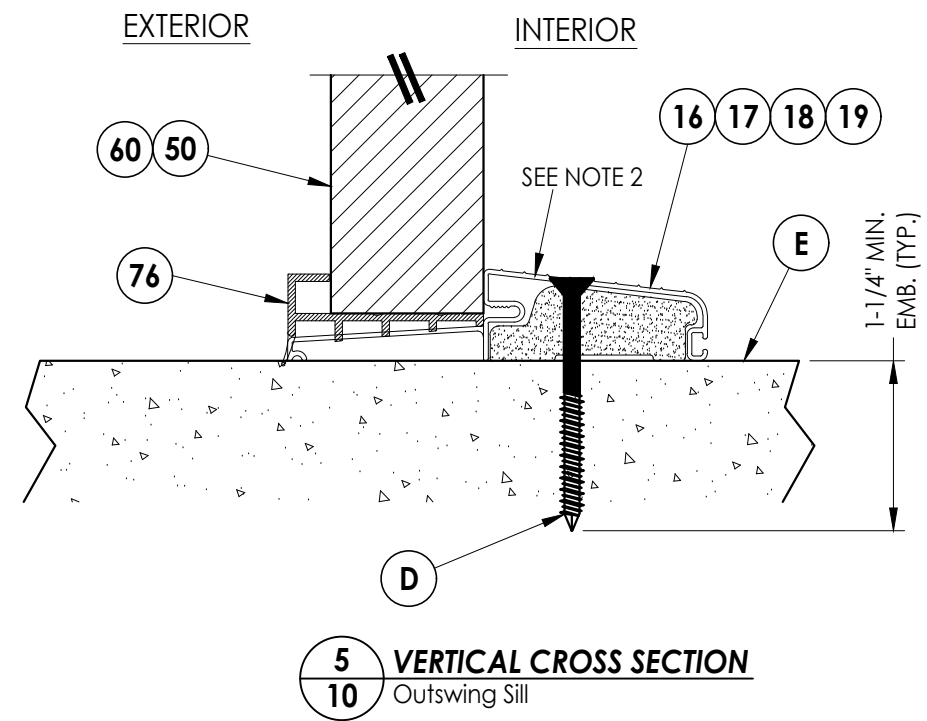
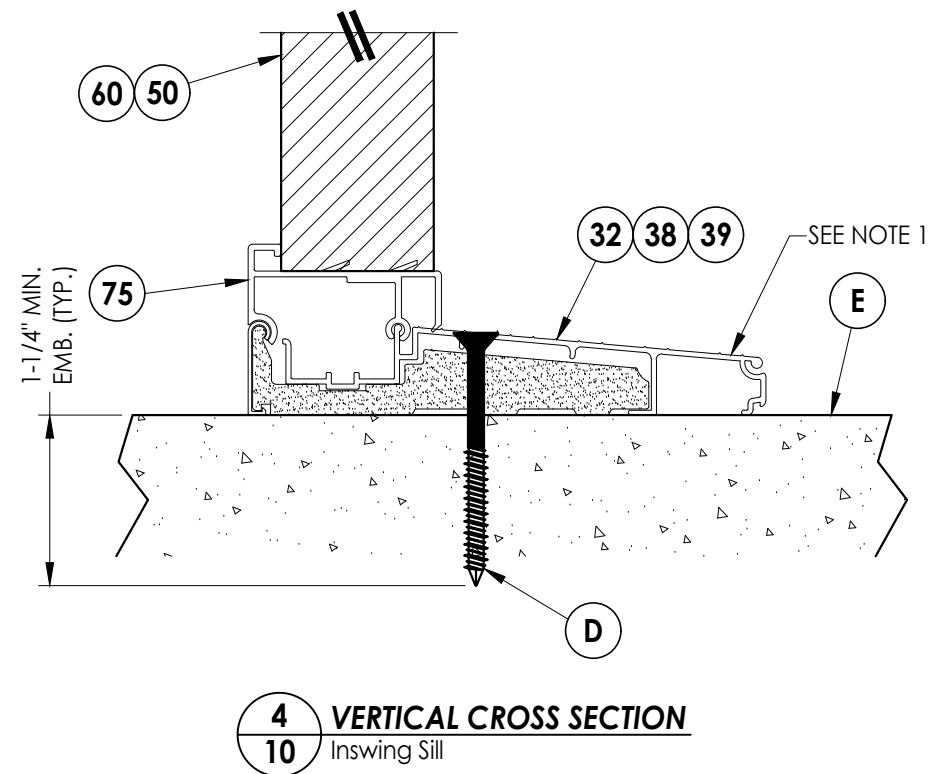
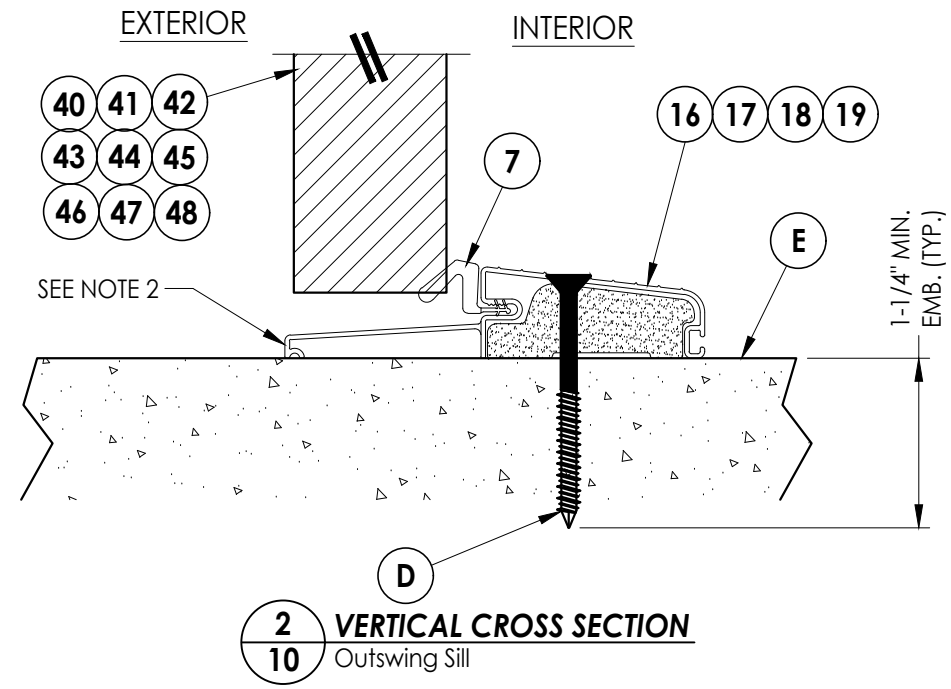
CHK. BY: LFS

DRAWING NO.:

FL-21135.8

SHEET 9 OF 16

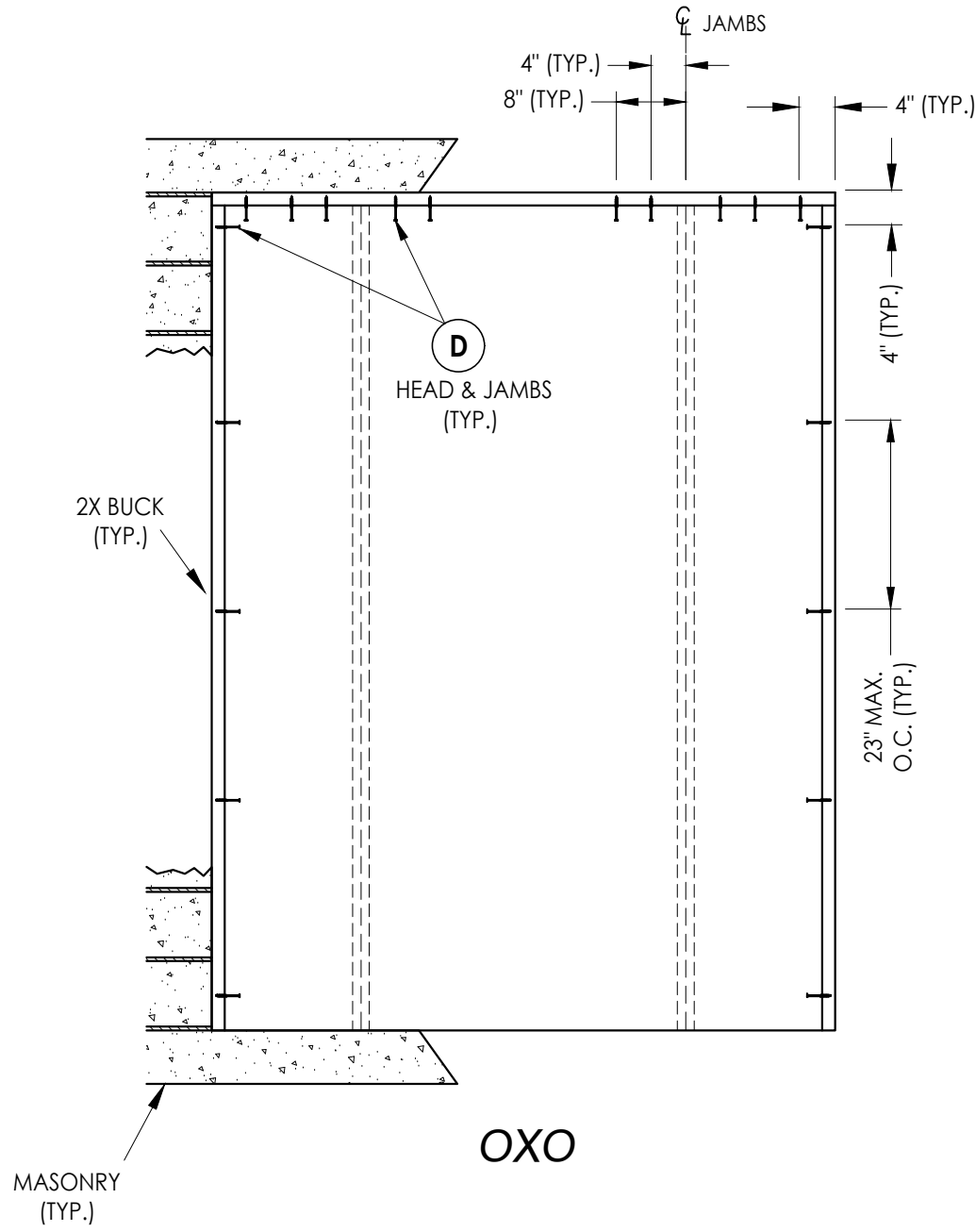
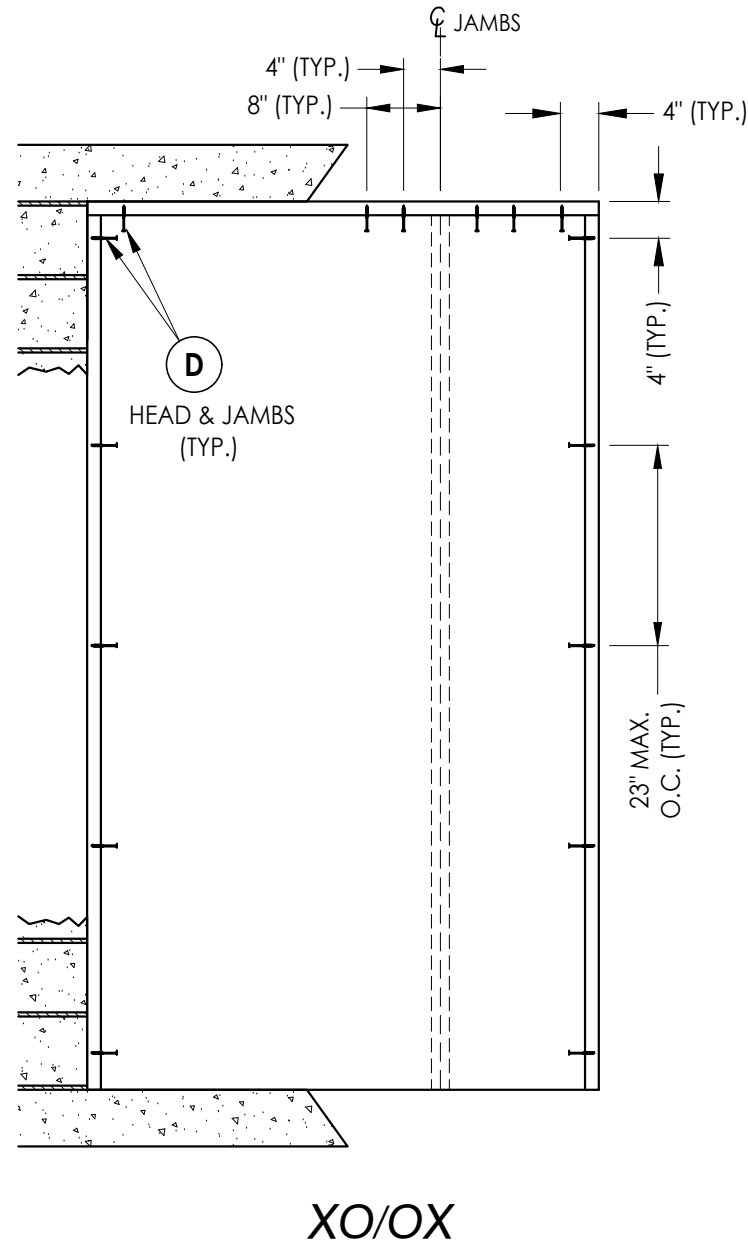
1. Sill Item #s 32, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
2. Sill Item #s 16, 17, 18 & 19 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
3. Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS screws at each end.



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

OR ASSEMBLY:

DATE:	07/07/17	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-21135.8	
SHEET	<u>10</u>	OF <u>16</u>



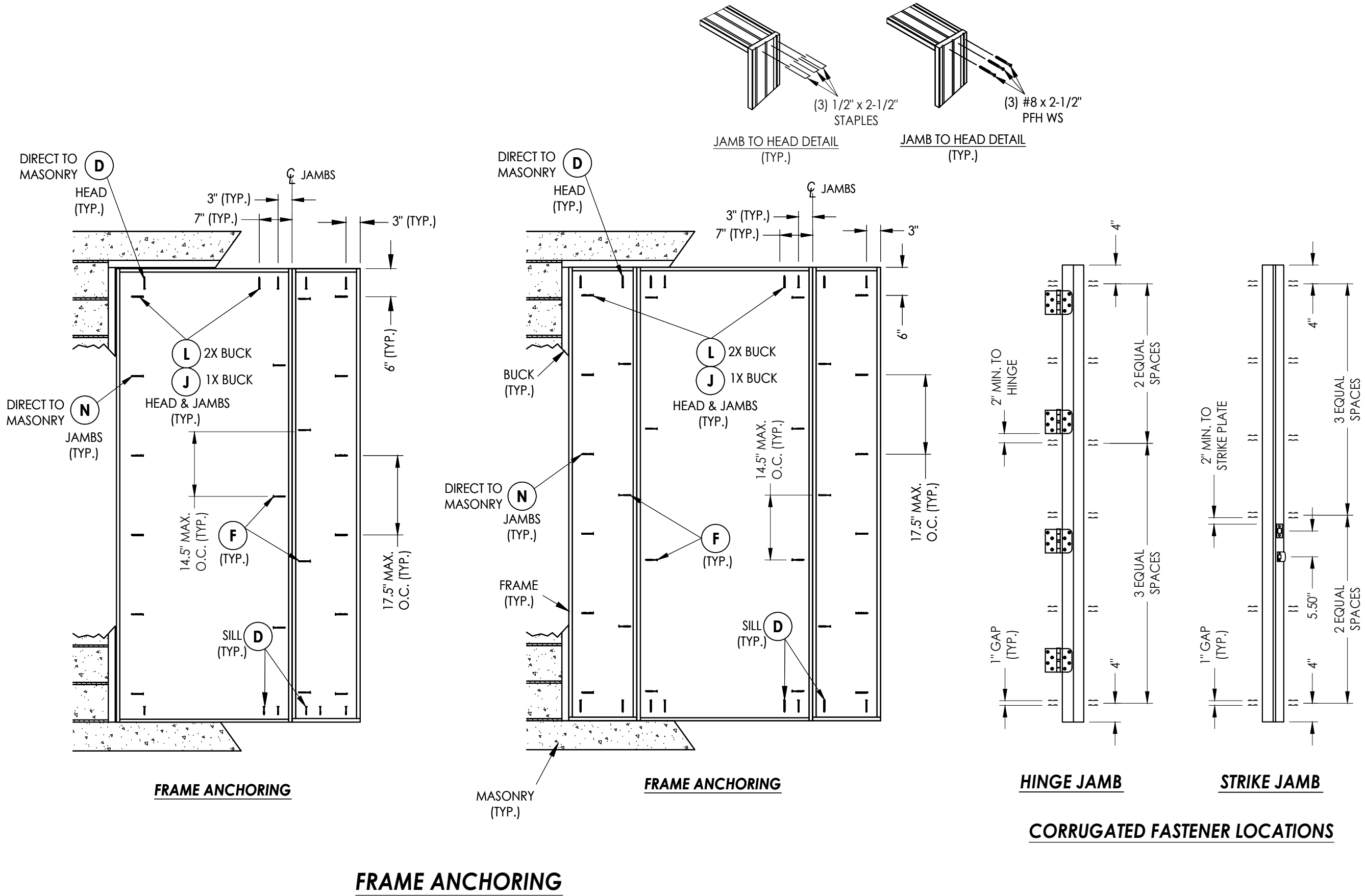
2X BUCK ANCHORING

5	7/2/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
2	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT
1	12/03/17	RECESSED PANEL	NOTATION	JK
NO.	DATE			BY
				REVISIONS

DATE: 07/07/17	
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21135.8
SHEET	11 OF 16

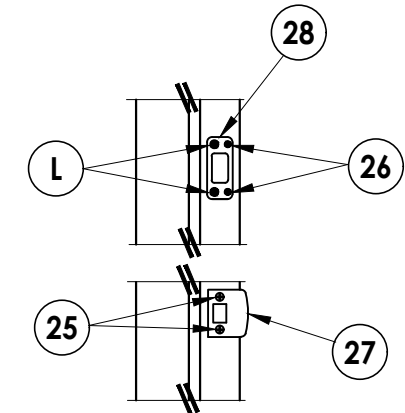
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

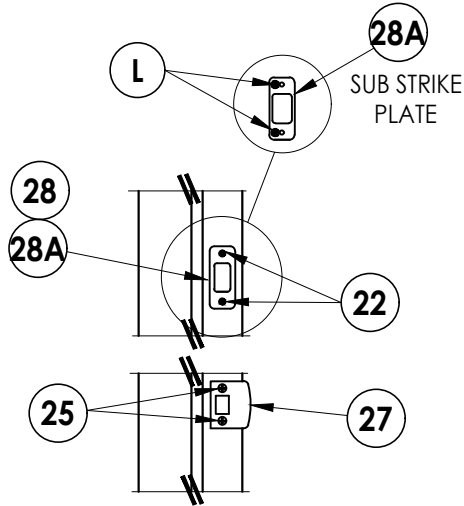


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING		
5	7/2/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
2	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT
1	12/03/17	RECESSED PANEL NOTATION		JK
NO.	DATE	BY		
REVISIONS				
DATE: 07/07/17				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-21135.8				
SHEET 12 OF 16				

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg

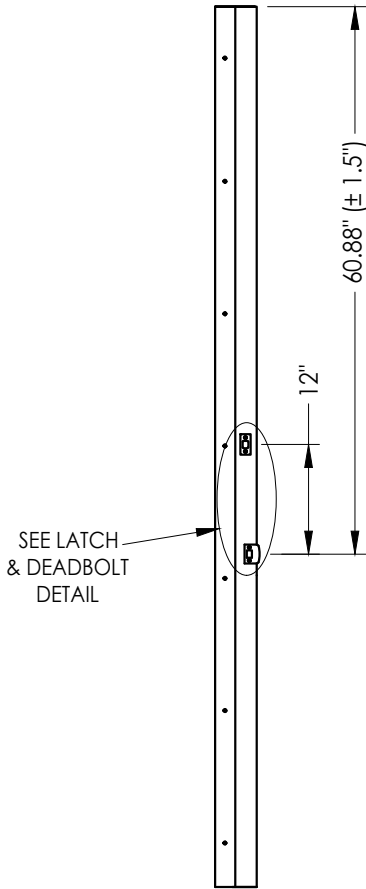


LATCH & DEADBOLT DETAIL
Kwikset

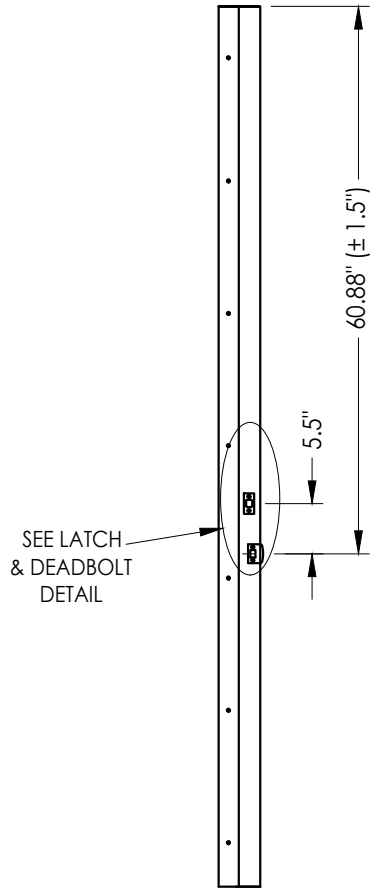


LATCH & DEADBOLT DETAIL
Schlage

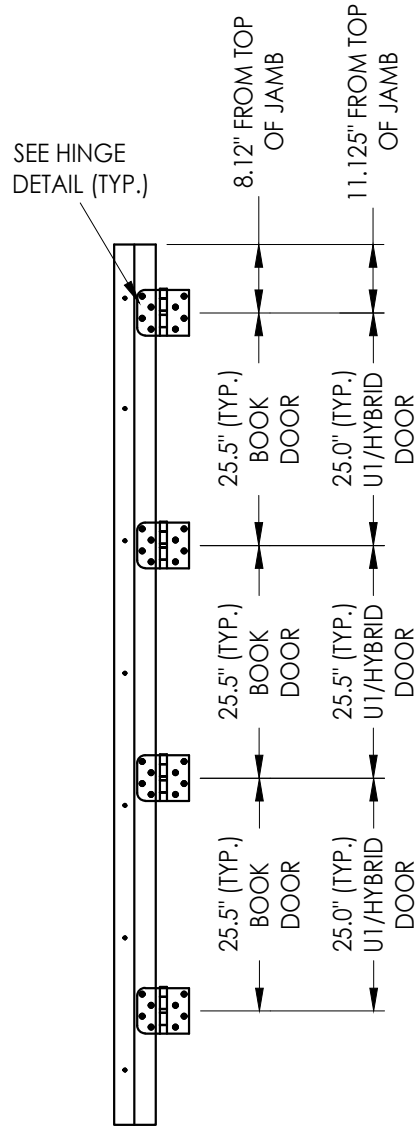
LATCH & DEADBOLT STRIKE DETAILS



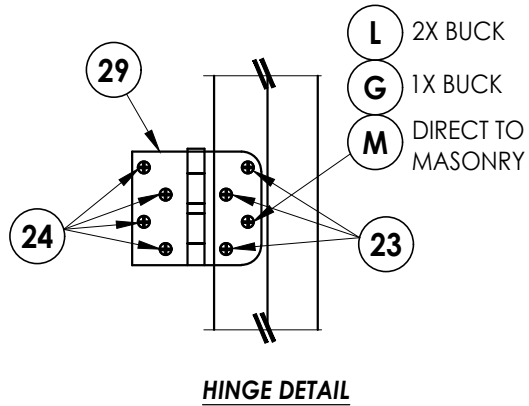
STRIKE JAMB
Latch and Deadbolt



STRIKE JAMB
Latch and Deadbolt
3/4 Lite



HINGE JAMB



NO.	DATE	REVISIONS			
		DATE	BY	JK	MT
5	7/2/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO	
2	10/08/18	REV. DOOR PANEL OPTION NOTE	MT		
1	12/03/17	RECESSED PANEL NOTATION	JK		

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21135.8

SHEET 13 OF 16

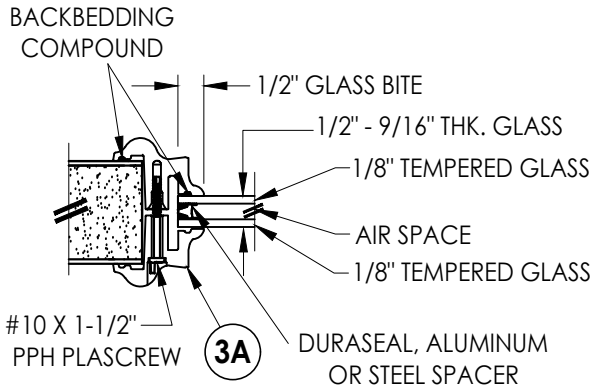
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

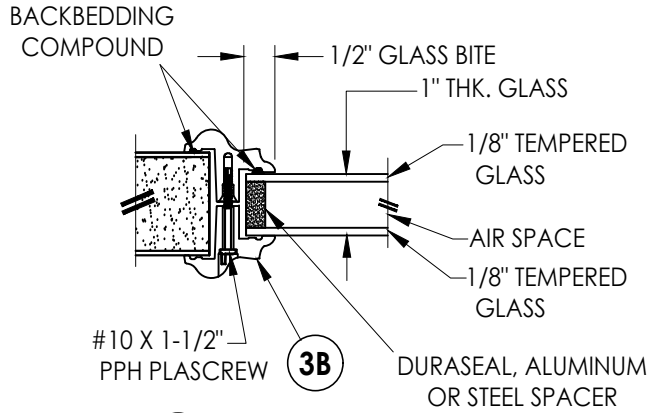
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HARDWARE DETAILS

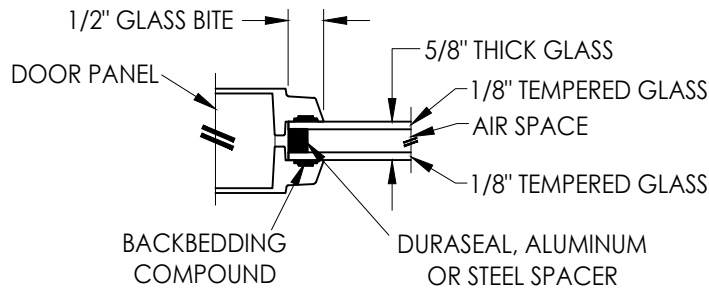
Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



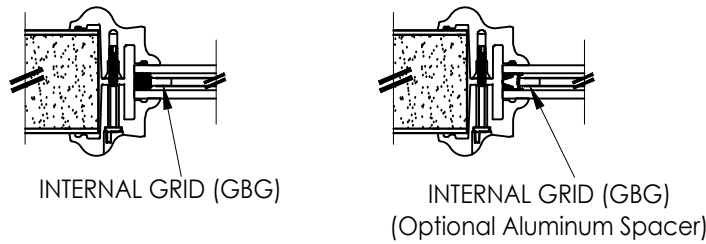
G1 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



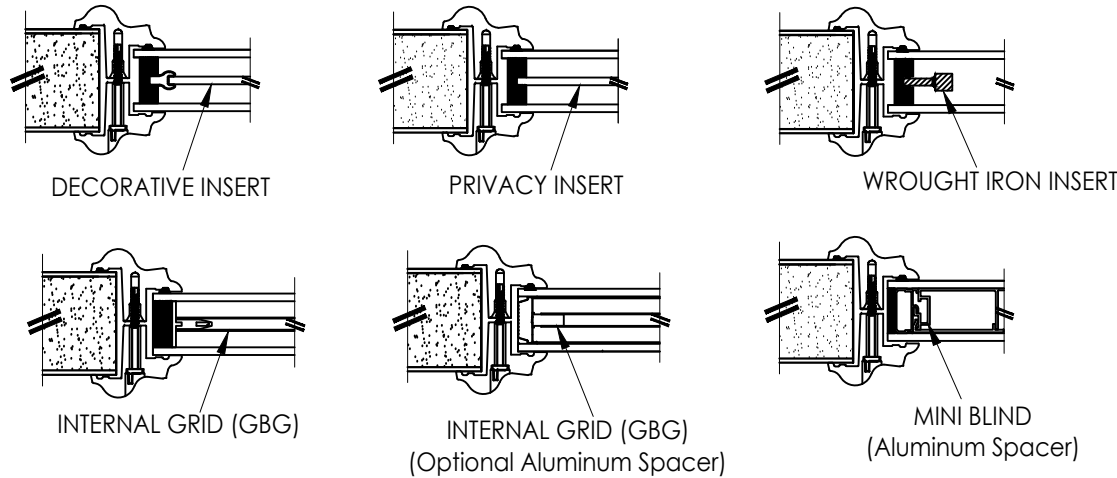
G2 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



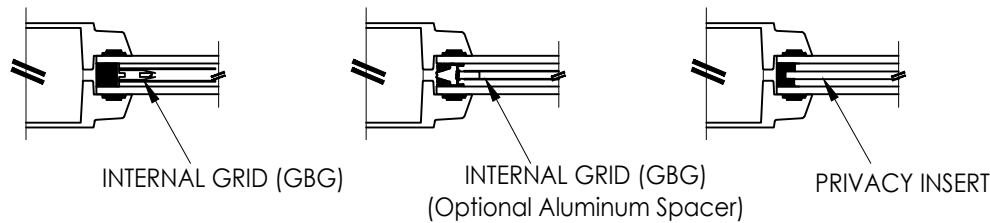
G3 GLAZING DETAIL
Flush Glazing
Door Panels



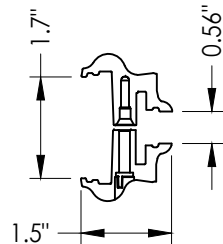
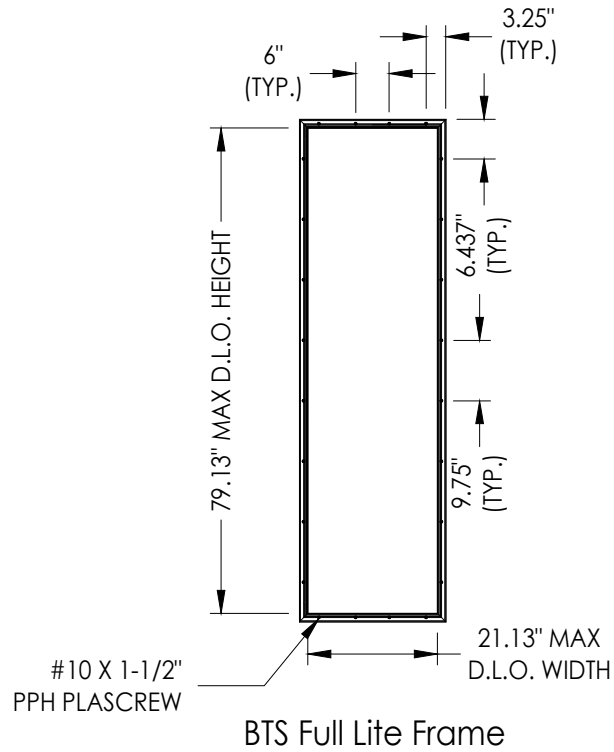
9/16" INSULATED GLASS INSERT OPTIONS



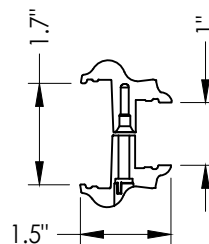
1" INSULATED GLASS INSERT OPTIONS



5/8" INSULATED GLASS INSERT OPTIONS



3A BTS LITE FRAME
1/2" & 9/16" Glazing



3B BTS LITE FRAME
1" Glazing

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

REV	DATE	BY	REVISIONS
5	7/2/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/21/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/16/20	UPDATE TO 7TH ED. (2020)	FBC
2	10/08/18	REV. DOOR PANEL OPTION NOTE	MT
1	12/03/17	RECESSED PANEL NOTATION	JK

DATE: 07/07/17

SCALE: N.T.S.

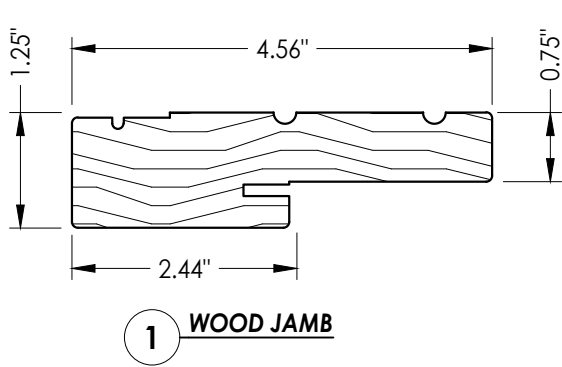
DWG. BY: JK

CHK. BY: LFS

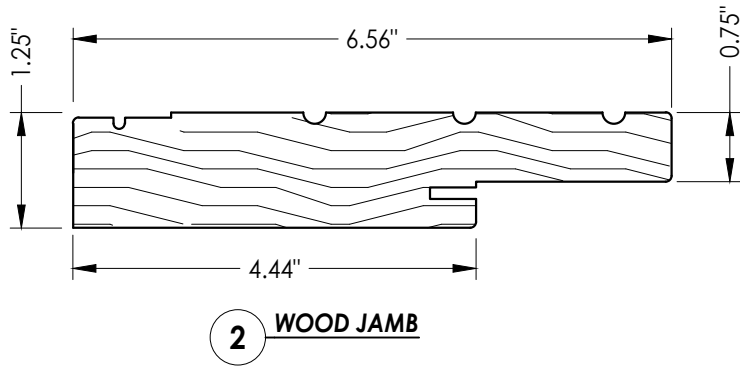
DRAWING NO.: FL-21135.8

SHEET 14 OF 16

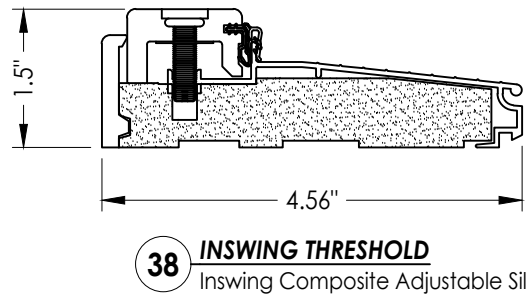
Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg



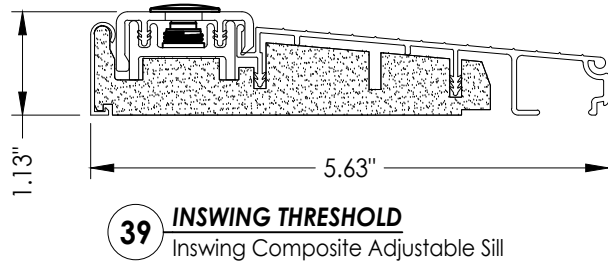
1 WOOD JAMB



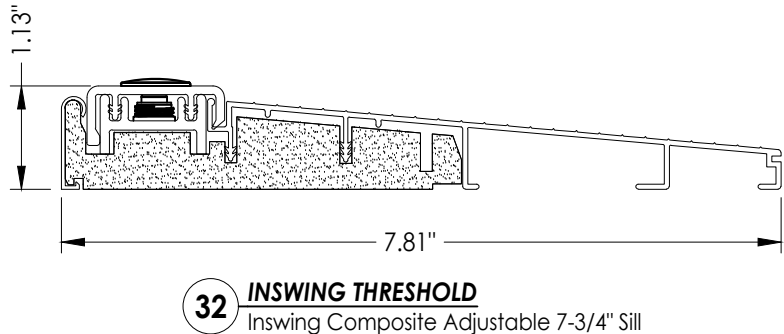
2 WOOD JAMB



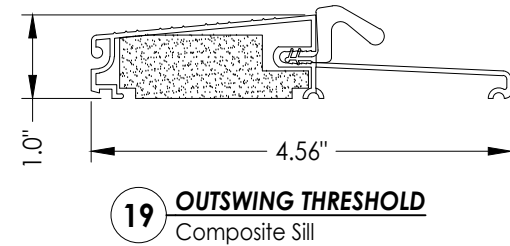
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



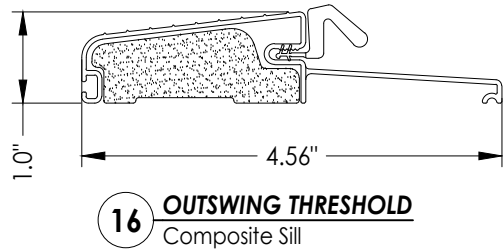
39 INSWING THRESHOLD
Inswing Composite Adjustable Sill



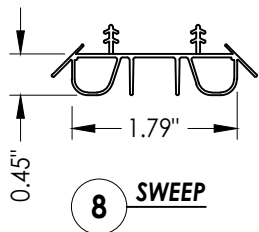
32 INSWING THRESHOLD
Inswing Composite Adjustable 7-3/4" Sill



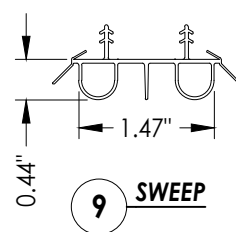
19 OUTSWING THRESHOLD
Composite Sill



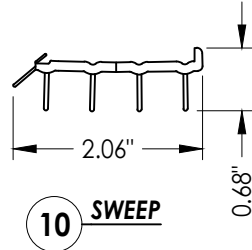
16 OUTSWING THRESHOLD
Composite Sill



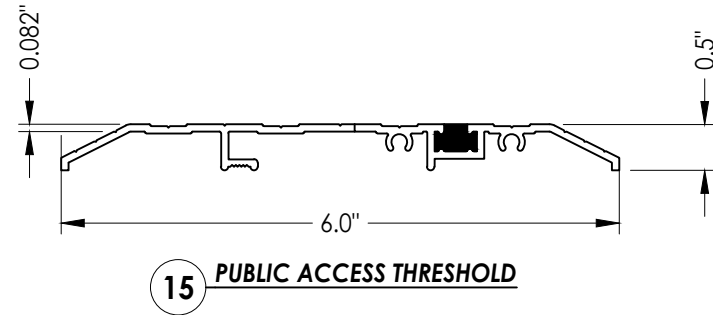
8 SWEEP



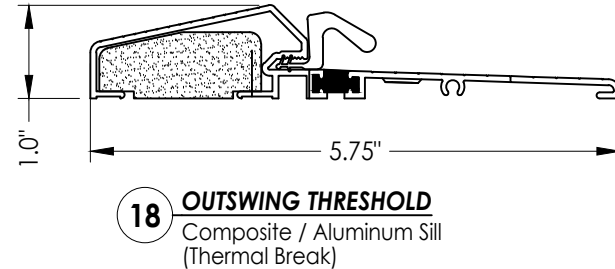
9 SWEEP



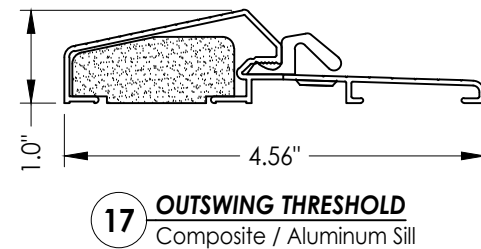
10 SWEEP



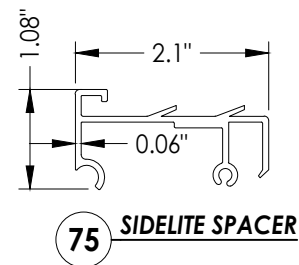
15 PUBLIC ACCESS THRESHOLD



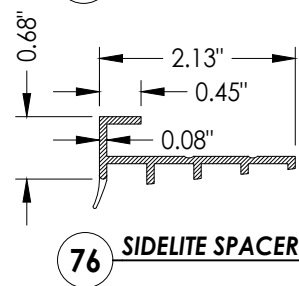
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



17 OUTSWING THRESHOLD
Composite / Aluminum Sill



75 SIDELITE SPACER



76 SIDELITE SPACER

DATE		5	7/2/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
SCALE		4	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
DWG. BY:		3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
CHK. BY:		2	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT
DRAWING NO.:		1	12/03/17	RECESSED PANEL NOTATION		JK
SHEET		NO.		DATE		BY
15		OF		16		

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

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
DATE: 07/07/17			

Z:\2023 FBC Drawings\Therma-Tru\FL-21135 R7\FL-21135.5-8.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/2" X 1" X 25 GA. CORRUGATED FASTENER	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
1	JAMB (FINGER JOINT PINE)	WOOD
2	JAMB (FINGER JOINT PINE)	WOOD
6	WEATHERSTRIP (MEDIUM REACH)	FOAM
7	WEATHERSTRIP (LONG REACH)	FOAM
8	SWEEP	VINYL
9	SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)	VINYL
10	SWEEP (USE w/ PUBLIC ACCESS THRESHOLD)	VINYL
15	ADA THRESHOLD	ALUM
16	OUTSWING THRESHOLD	ALUM/COMP
17	OUTSWING THRESHOLD	ALUM/COMP
18	OUTSWING THRESHOLD	ALUM/COMP
19	OUTSWING THRESHOLD	ALUM/COMP
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
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
26	#8 x 5/8" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
28A	DEADBOLT SUB STRIKE PLATE	STEEL

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
28B	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
29	4" X 4" HINGE	STEEL
32	INSWING THRESHOLD	ALUM/COMP
34	INTERIOR MULL CASING	WOOD
35	EXTERIOR MULL CASING	WOOD
38	INSWING THRESHOLD	ALUM/COMP
39	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL (BOOK)	-
41	DOOR PANEL (HYBRID)	-
42	DOOR PANEL (U1)	-
43	FLUSH GLAZED DOOR PANEL (BOOK)	-
44	FLUSH GLAZED DOOR PANEL (HYBRID)	-
45	FLUSH GLAZED DOOR PANEL (U1)	-
50	SIDELITE (FULL LITE)	-
60	SIDELITE (FLUSH GLAZED)	-
75	SIDELITE SPACER (INSWING)	PVC
76	SIDELITE SPACER (OUTSWING)	PVC

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

7/2/26

UPDATE TO 9TH ED. (2026)

FBC

4

8/21/23

UPDATE TO 8TH ED. (2023)

FBC

3

7/16/20

UPDATE TO 7th ED (2020)

FBC

2

10/08/18

REV. DOOR PANEL OPTION

NOTE

1

12/03/17

RECESSED PANEL NOTATION

NO.

DATE

REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21135.8

SHEET 16 OF 16

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