

Z:\2023 FBC Drawings\Therma-Tru\FL-21133 R12\FL-21133.6-8.dwg

THERMA-TRU[®]
DOORS

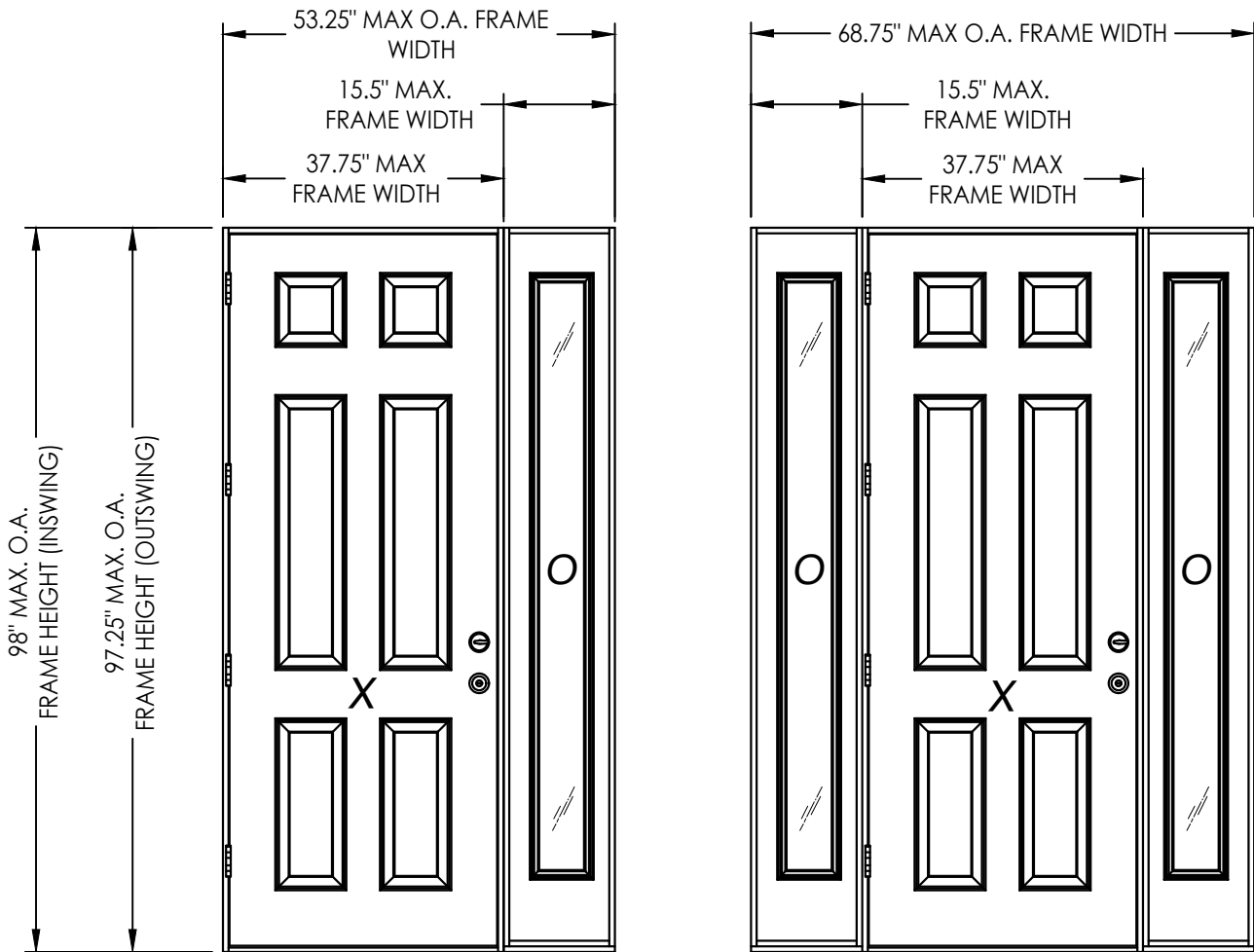
Fiber-Classic[®] & Smooth-Star[®]

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

GENERAL NOTES

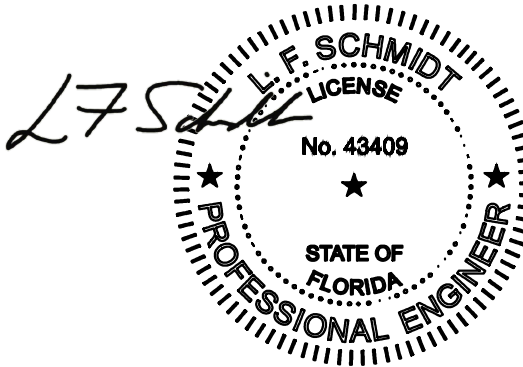
- This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in 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 as follows: Wind Zones 1, 2 & 3: Glazed Sidelites only; Wind Zone 4: Entire System.
- 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.
- Fiber-Classic & Smooth-Star Door and Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.

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6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Buck Anchoring
10	Frame Anchoring
11	Hardware Details
12	Glazing Details
13	Components
14	Bill of Materials



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

See Sheet 4 for Hardware Specifications



Digitally signed by Lyndon F Schmidt
Date: 2026.08.06 14:45:52 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

REVISONS

57/02/26UPDATE TO 9TH ED. (2026) FBC

48/23/23UPDATE TO 8TH ED. (2023) FBC

37/16/20UPDATE TO 7th ED (2020) FBC

210/10/18REV. DOOR PANEL OPTION NOTE

110/15/17ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION

NO. DATE

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

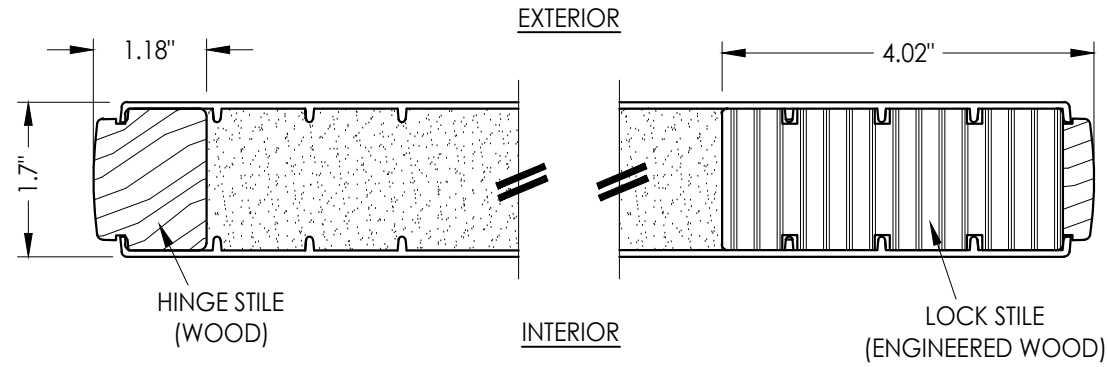
CHK. BY: LFS

DRAWING NO.: FL-21133.7

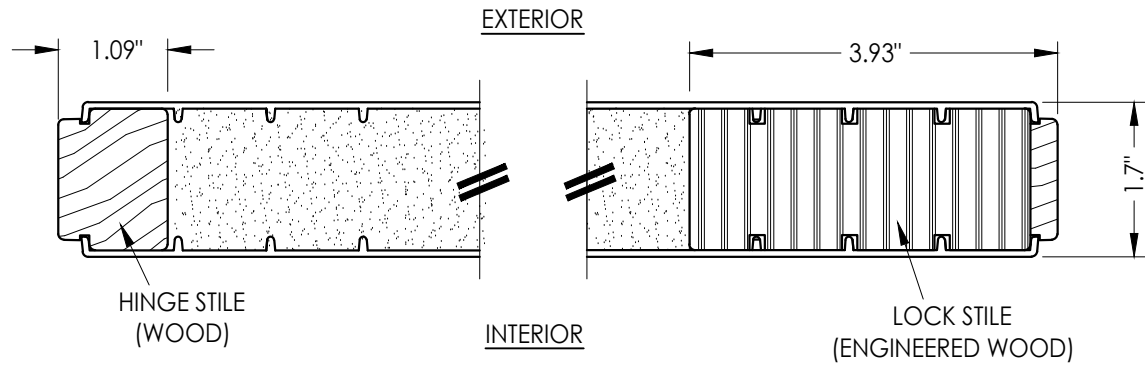
SHEET 1 OF 14

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

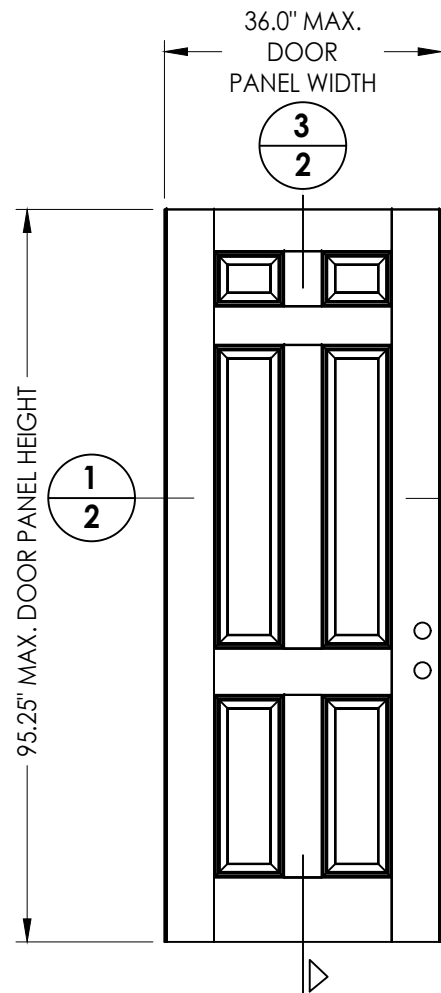
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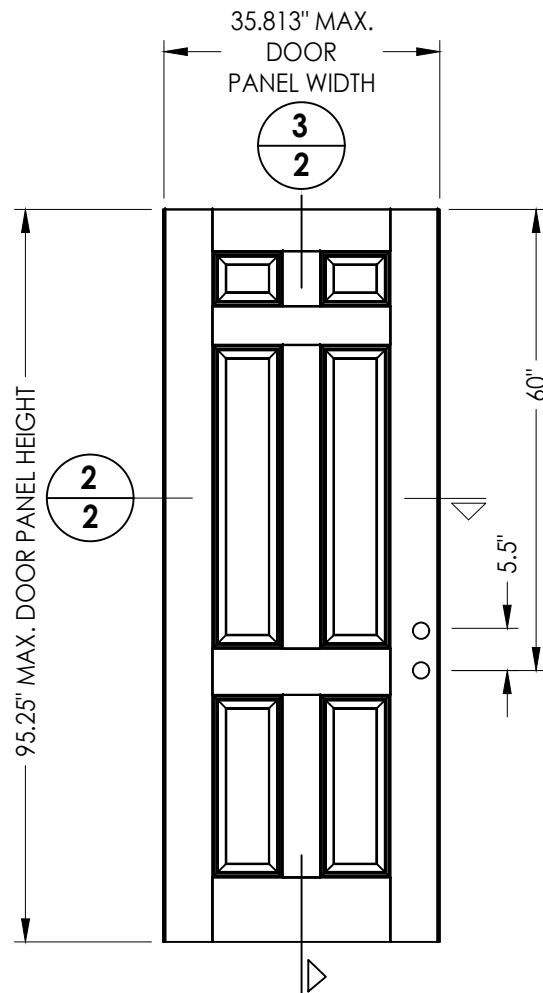
1
2 HORIZONTAL CROSS SECTION



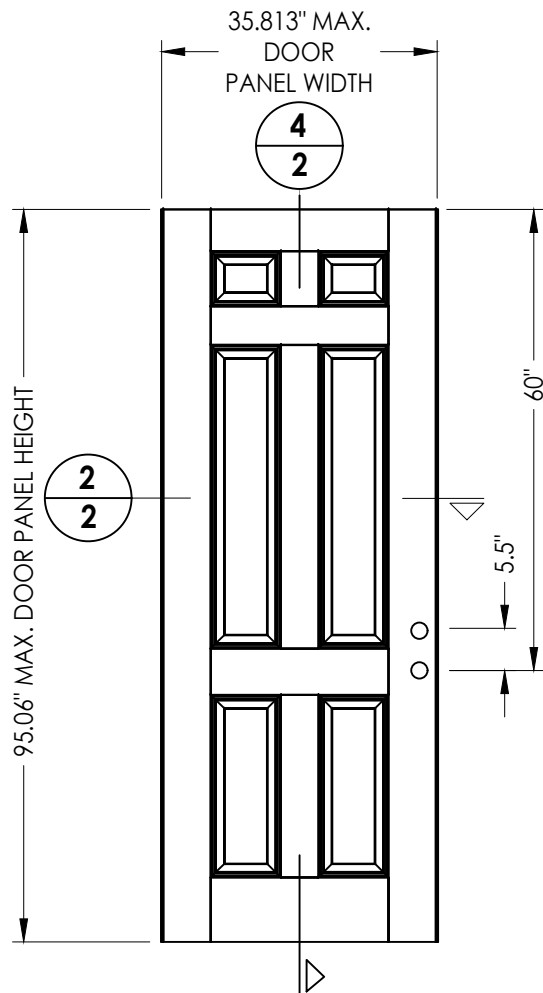
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2 HORIZONTAL CROSS SECTION



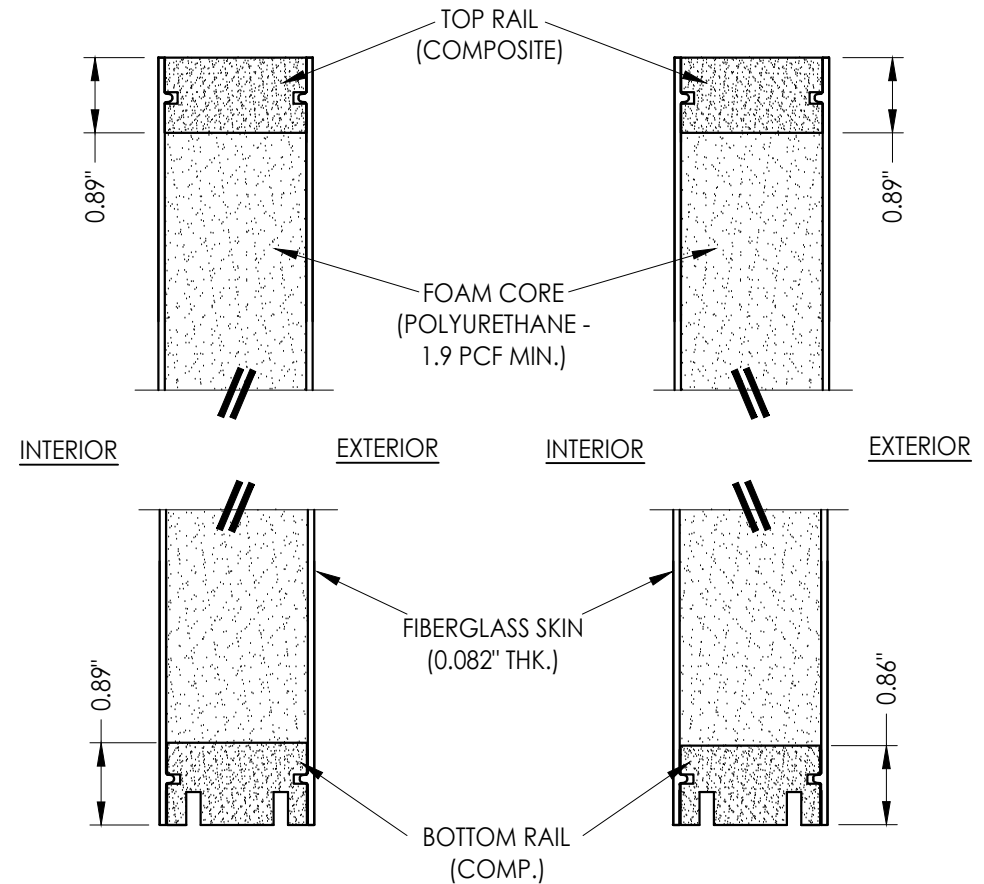
40 DOOR PANEL
BOOK



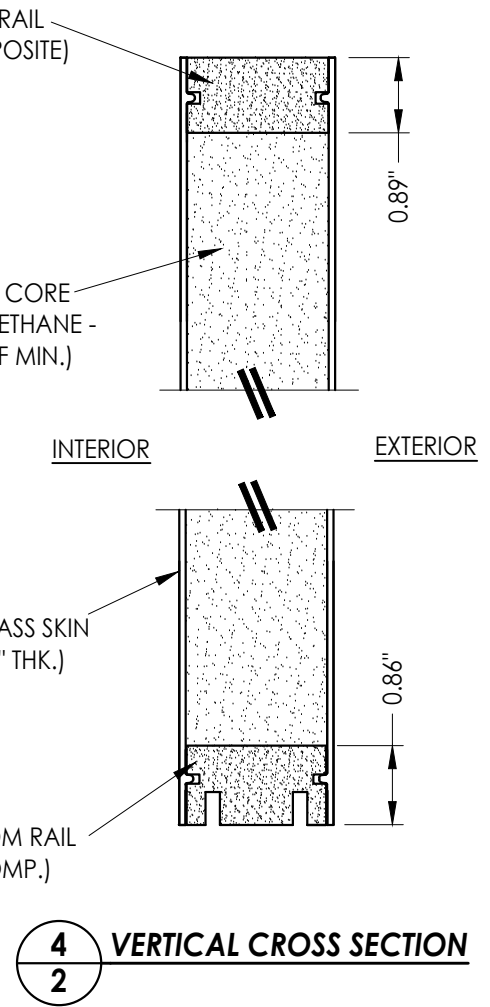
41 DOOR PANEL
Hybrid Door



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

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

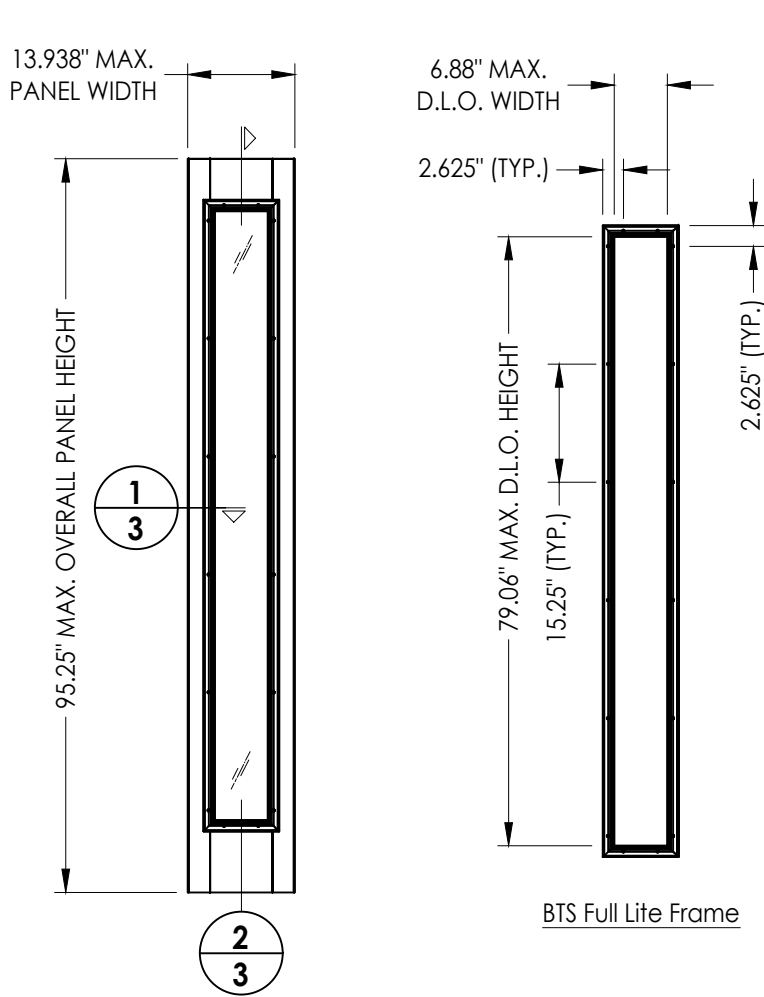
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.
		& RECESSED PANEL NOTATION

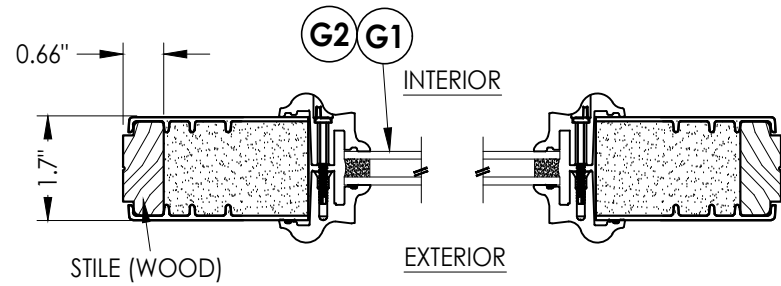
DATE:	07/07/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21133.7
SHEET	2 OF 14

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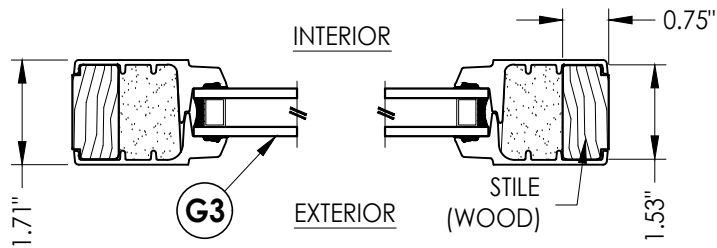


50 **SIDELITE PANEL**
FULL LITE
LIP LITE

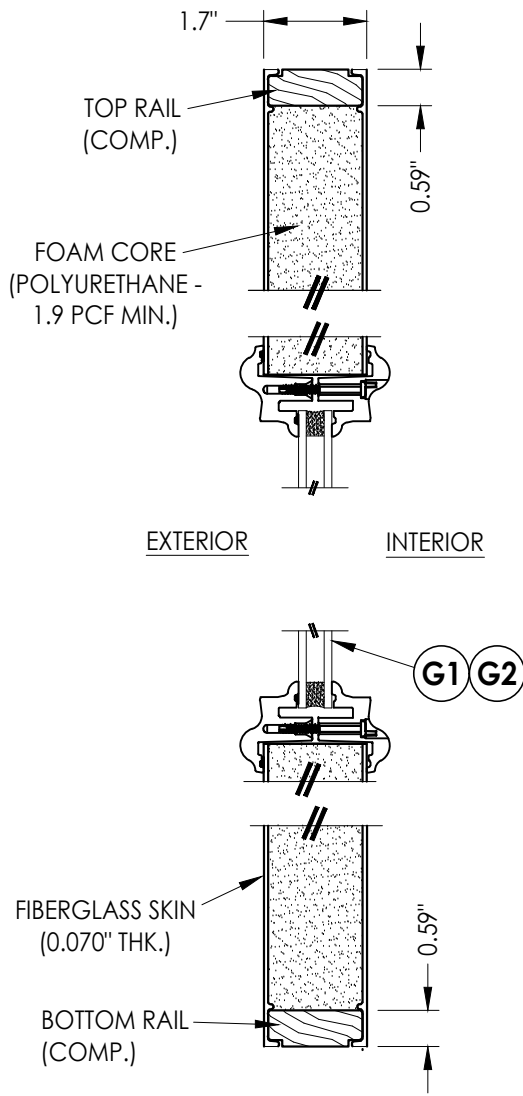
60 **SIDELITE PANEL**
FULL LITE
FLUSH GLAZED



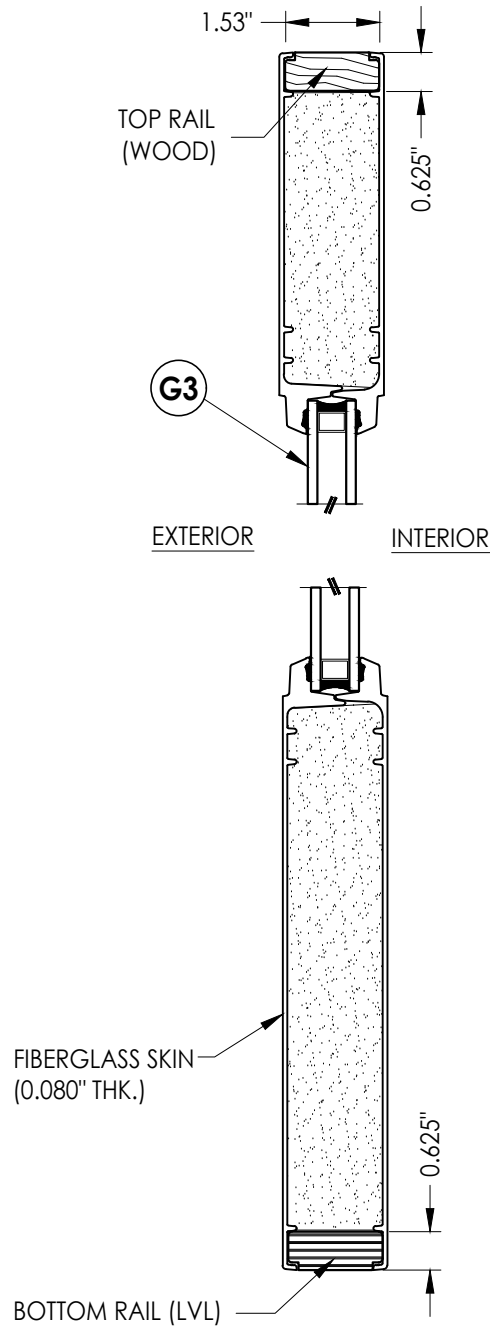
1 **HORIZONTAL CROSS SECTION**
3 Lip Lite Glazing



3 **HORIZONTAL CROSS SECTION**
3 Flush Glazed

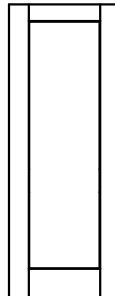
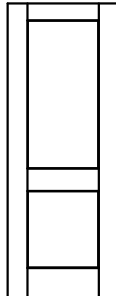
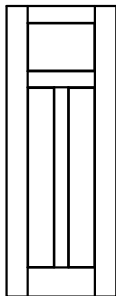
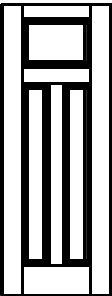
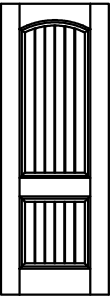
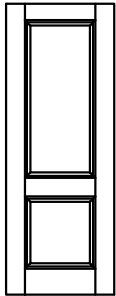
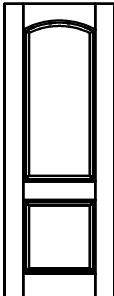
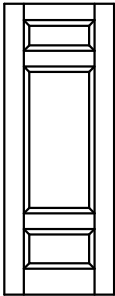
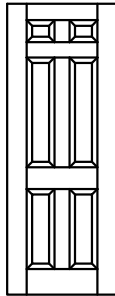


2 **VERTICAL CROSS SECTION**
3 Lip Lite Glazing



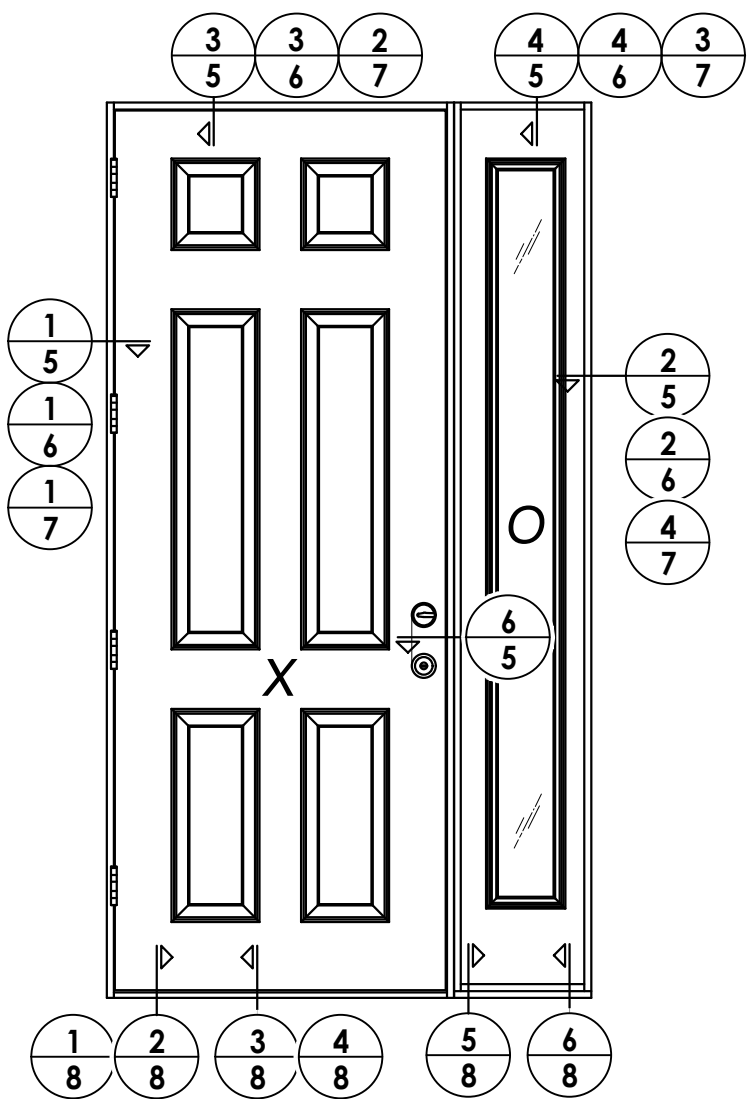
4 **VERTICAL CROSS SECTION**
3 Flush Glazed

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	
PRODUCT:		THERMA-TRU		FIBERGLASS DOOR		PART OR ASSEMBLY:		SIDELITE PANEL DETAILS					
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS									
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS									
3	7/16/20	UPDATE TO 7th ED. (2020)	FBC	PO									
2	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT									
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	O. C.	JK									
	NO.	DATE											
REVISIONS													
DATE: 07/07/17													
SCALE: N.T.S.													
DWG. BY: JK													
CHK. BY: LFS													
DRAWING NO.: FL-21133.7													
SHEET 3 OF 14													

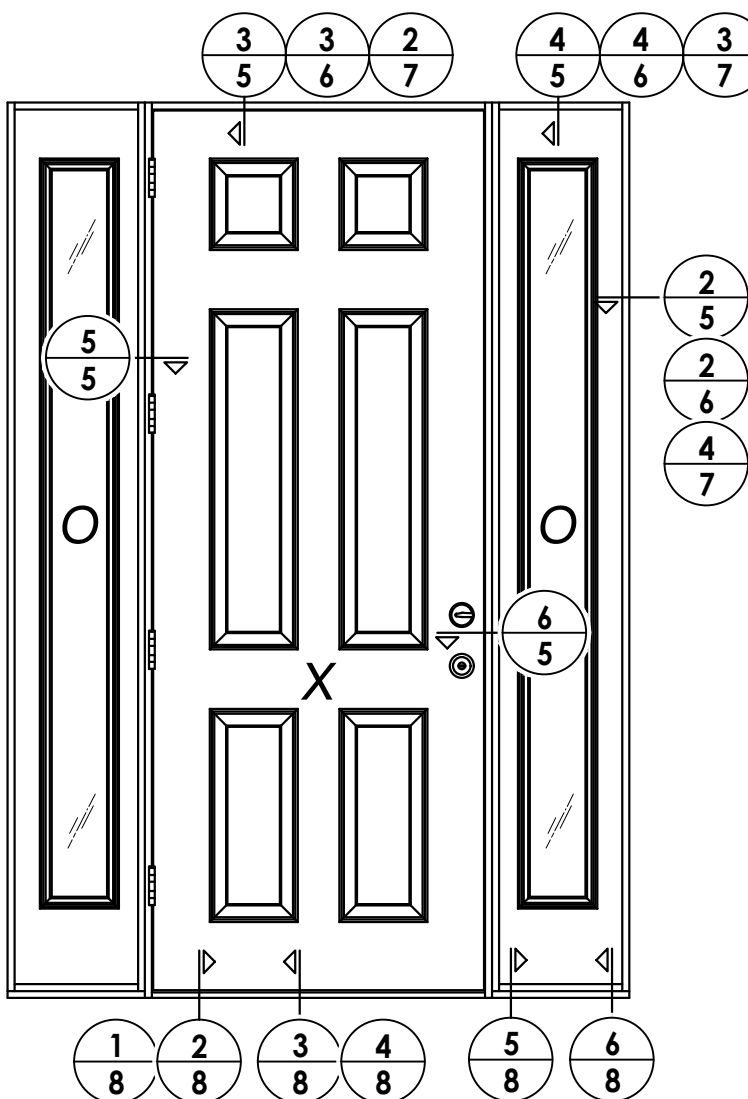


Fiber-Classic/Smooth-Star Door Panel Options

Products approved include all embossed and recessed panel doors.
Similar opaque panel configurations are allowed.
Panels shown are for illustration and are representative only.



ELEVATION
XO



ELEVATION
OXO

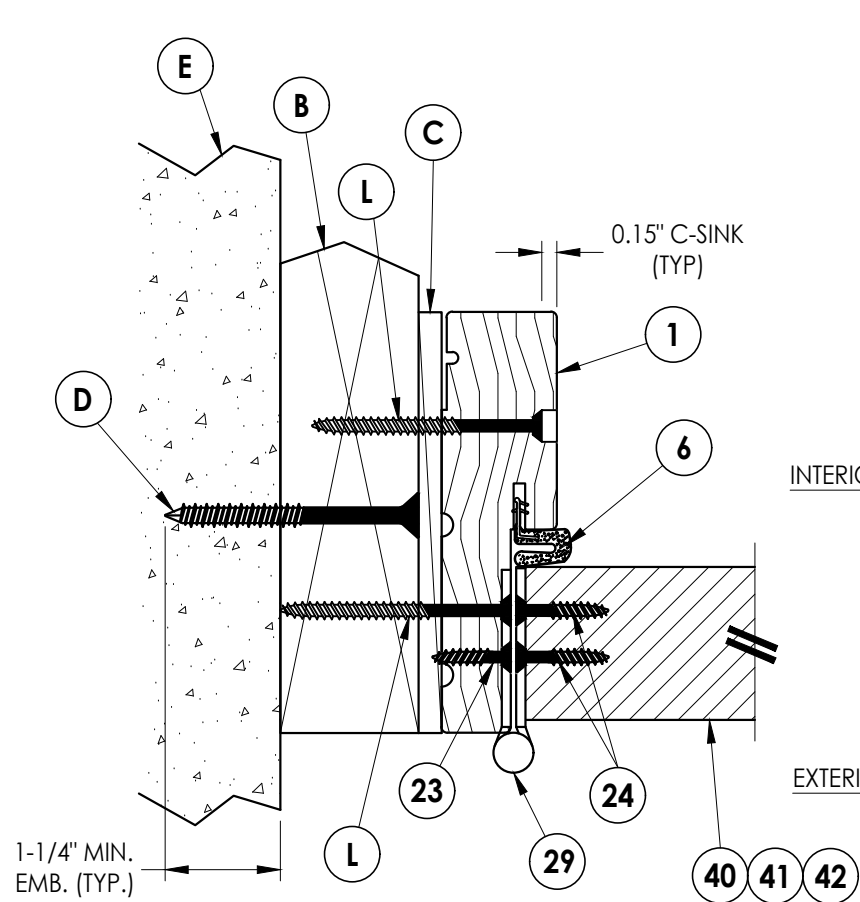
HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	Knob: F51
	Deadbolt: B60
KWIKSET	Knob: SIGNATURE SERIES
	Deadbolt: SIGNATURE SERIES (980)
HOPPE (THERMA-TRU)	MULTIPOINT : MPDGART
	(3 pt. Manual Tongue)

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
2	10/10/18	REV. DOOR PANEL OPTION NOTE	MT	JK
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	JK	BY
NO.		DATE	REVISIONS	
DATE:		07/07/17		
SCALE:		N.T.S.		
DWG. BY:		JK		
CHK. BY:		LFS		
DRAWING NO.:		FL-21133.7		
SHEET		4 OF 14		

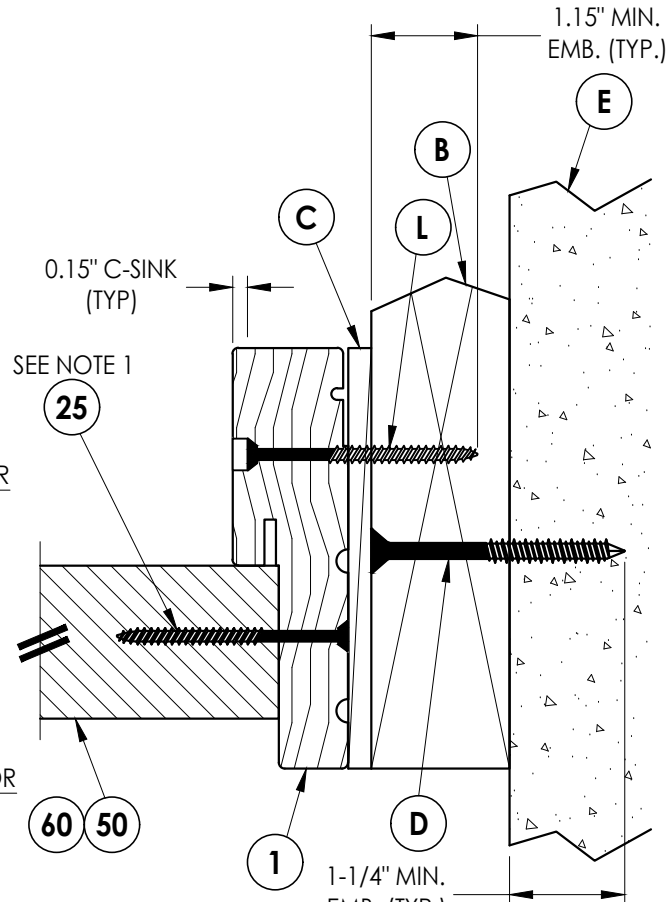
PRODUCT:	THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS

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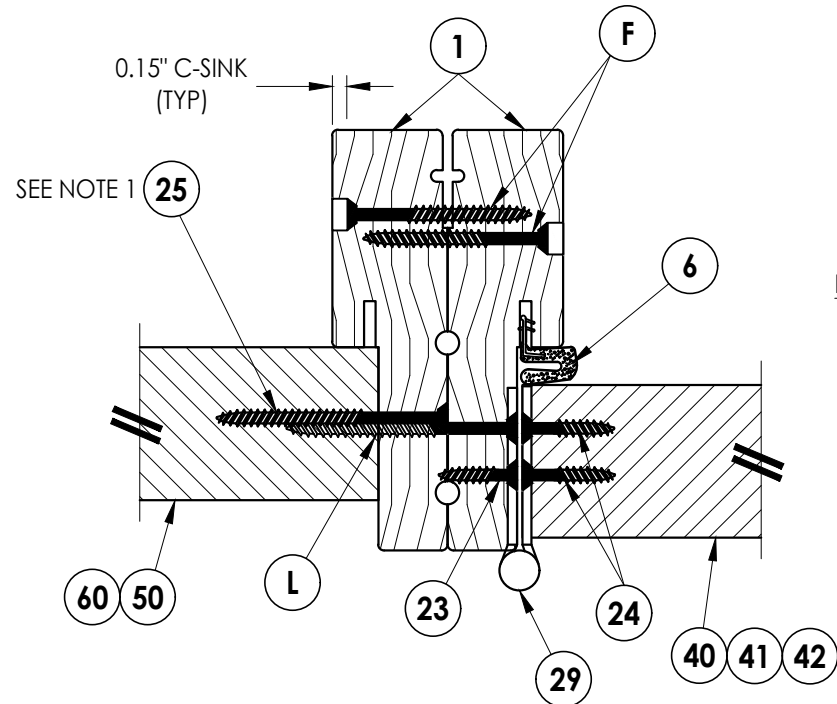
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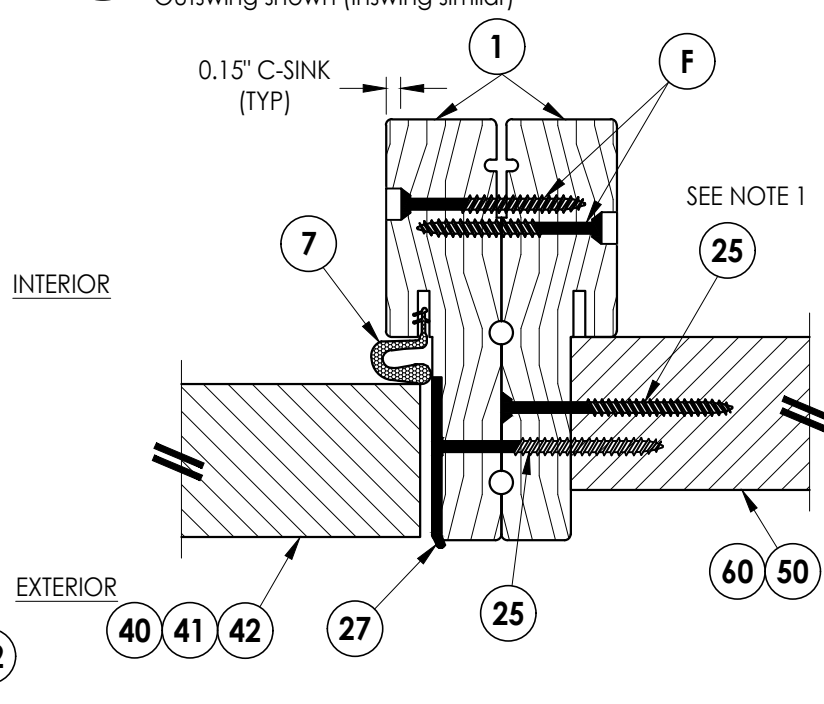
1 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



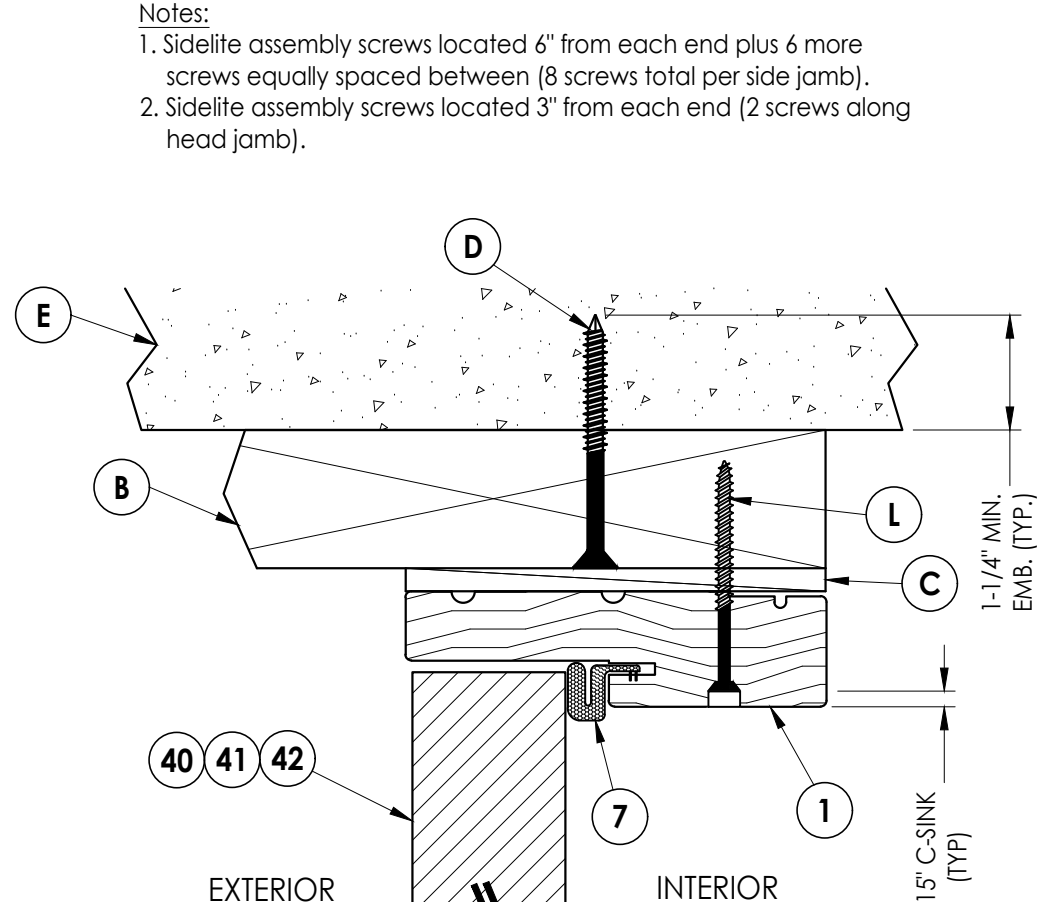
2 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



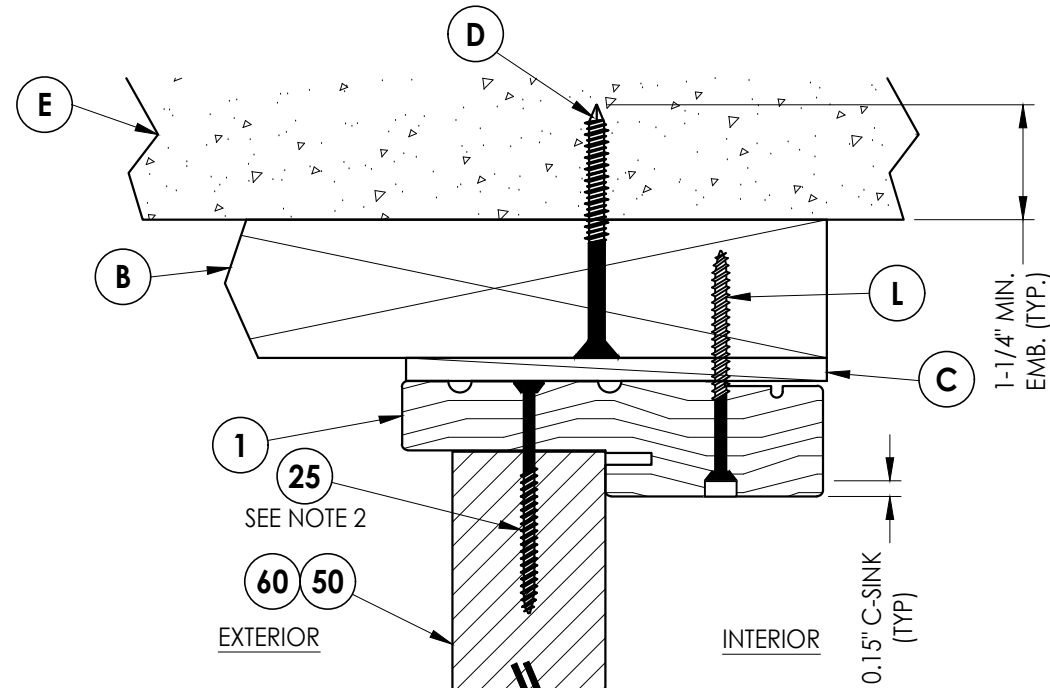
5 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)



6 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)



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)

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 3" from each end (2 screws along head jamb).

Documents Prepared By:
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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 (2X BUCK)

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7TH ED. (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION
NO.	DATE	REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

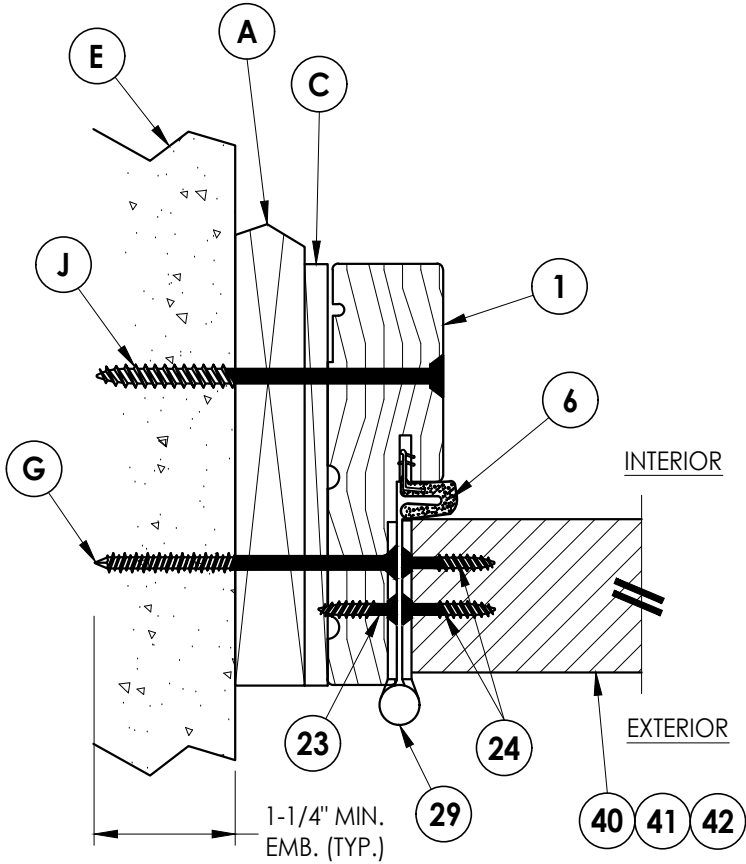
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FL-21133.7

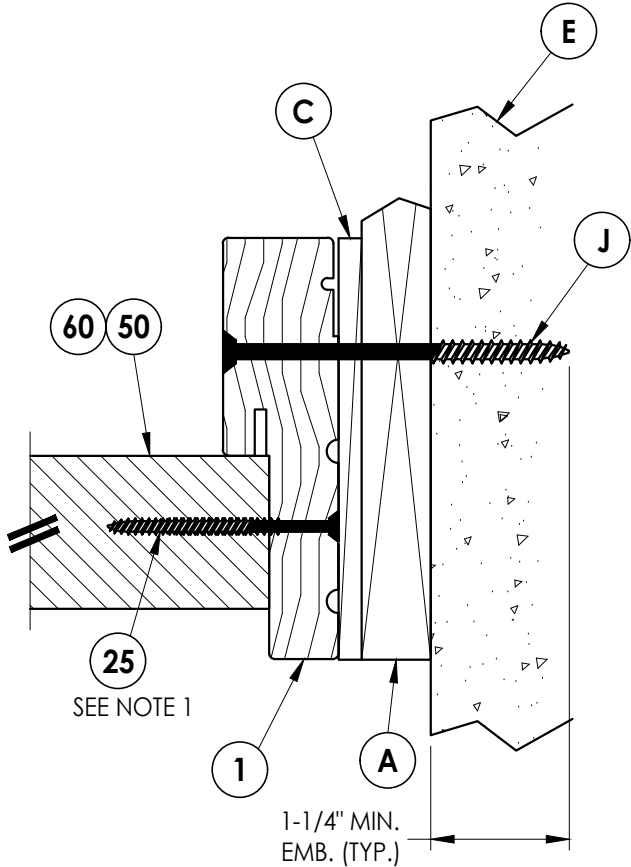
SHEET 5 OF 14

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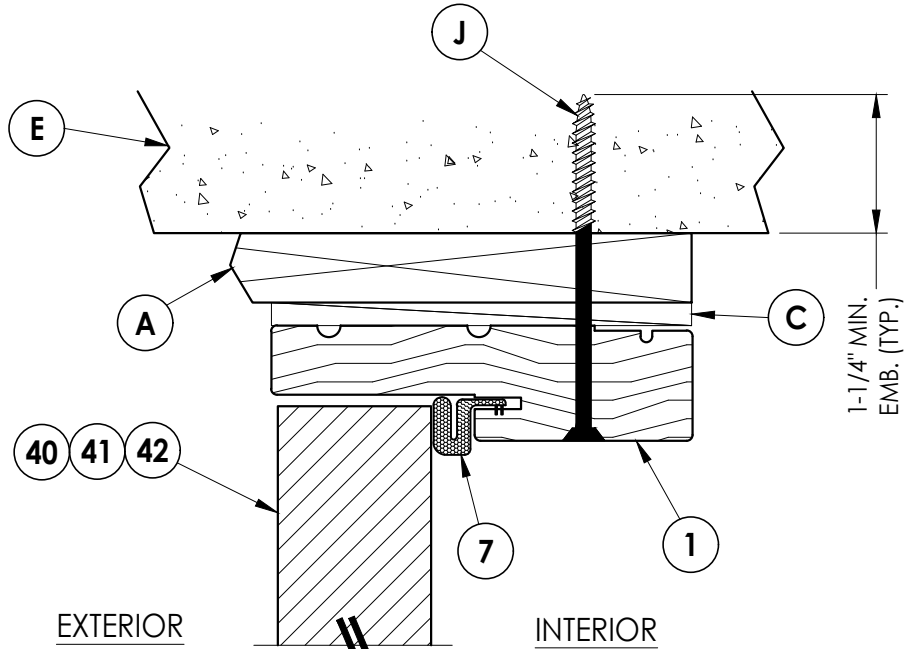
- Notes:
1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



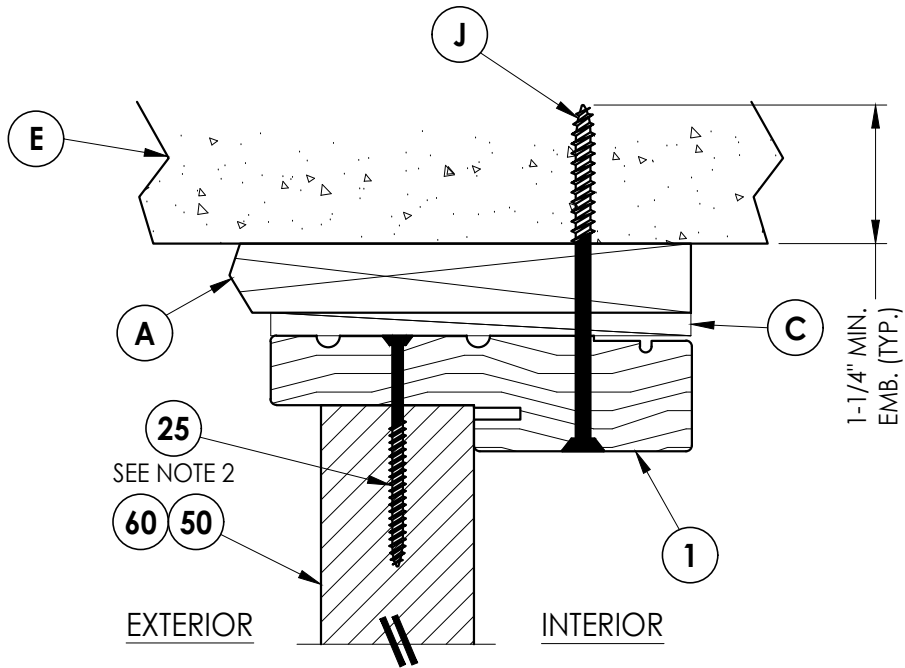
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7TH ED. (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION

DATE: 07/07/17

SCALE: N.T.S.

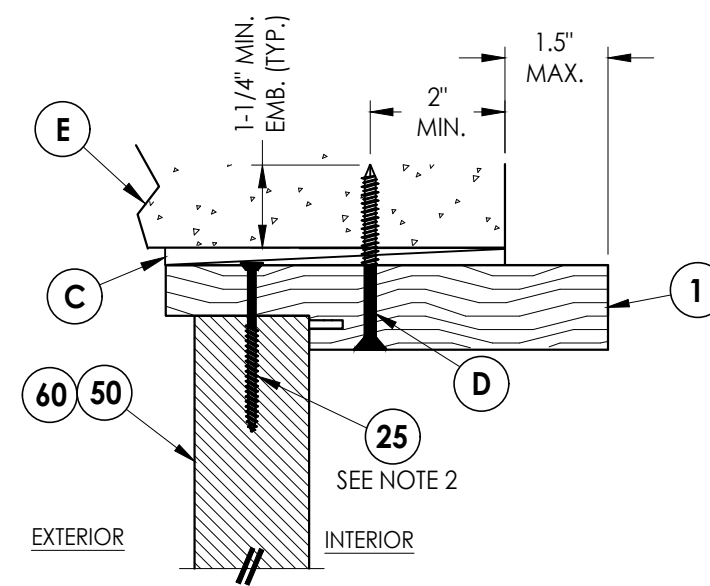
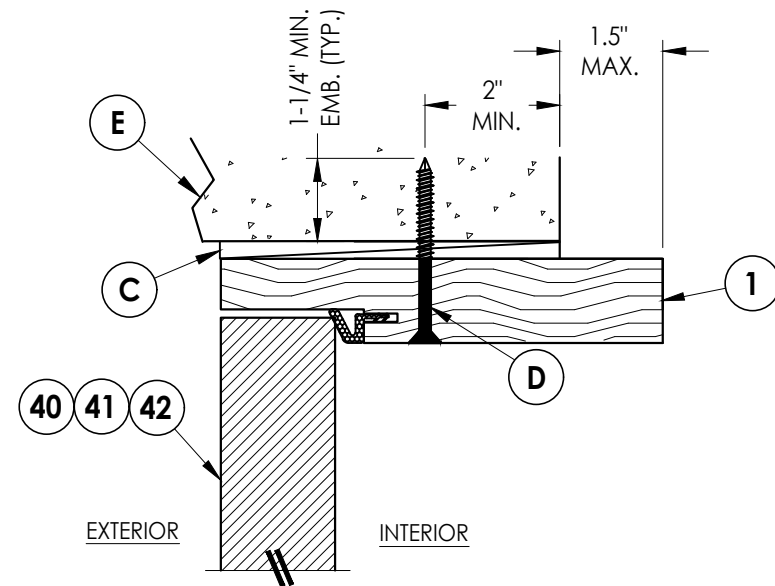
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CHK. BY: LFS

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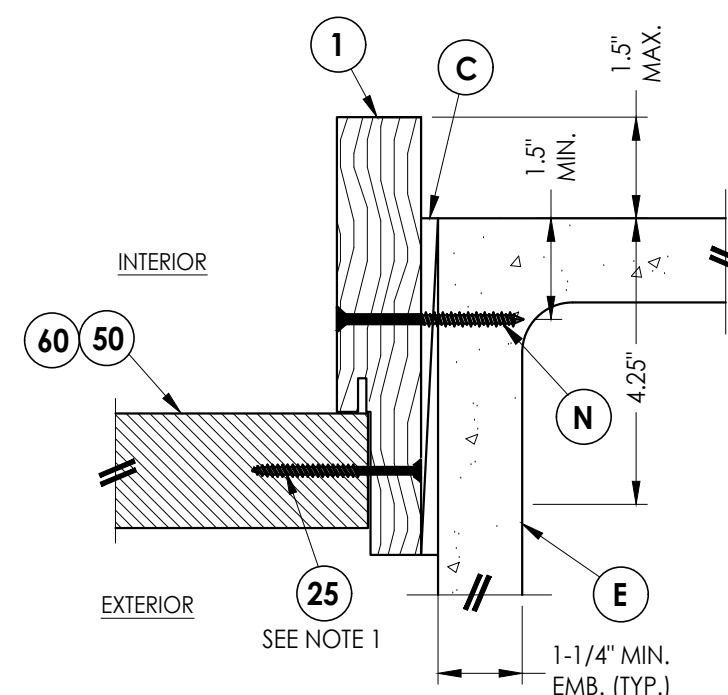
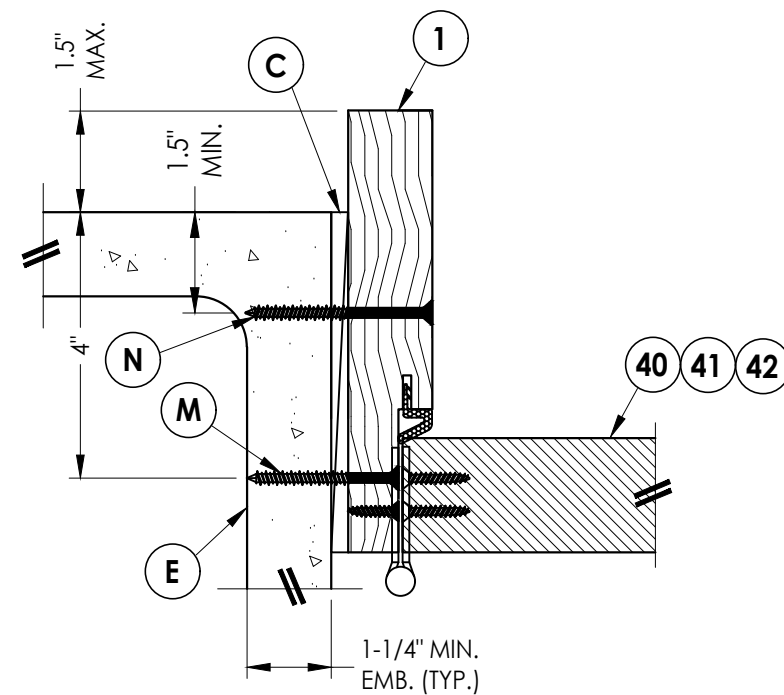
FL-21133.7

SHEET 6 OF 14



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 3" from each end (2 screws along head jamb).

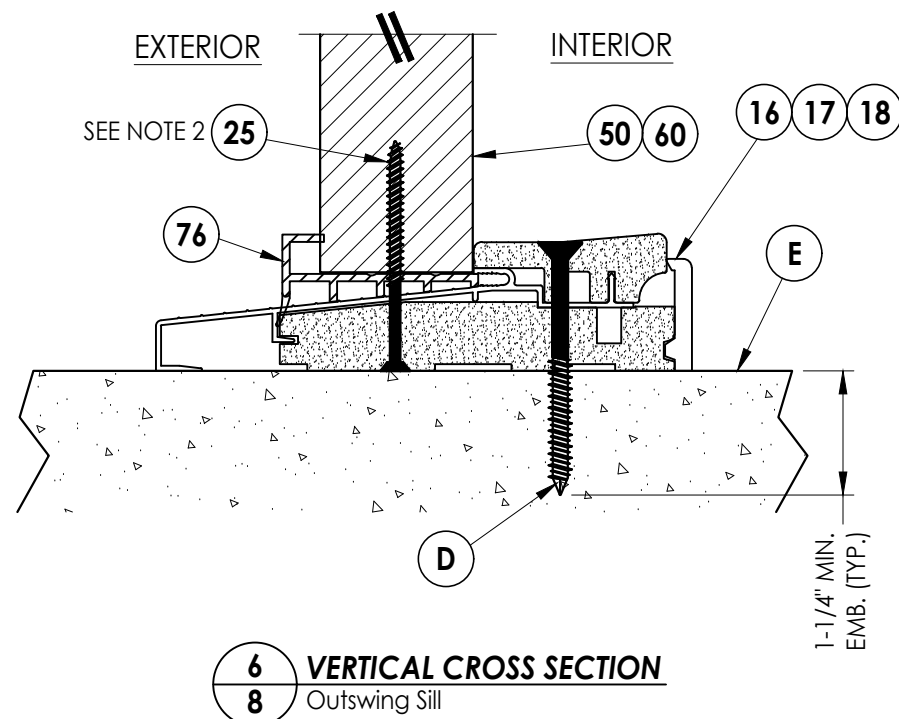
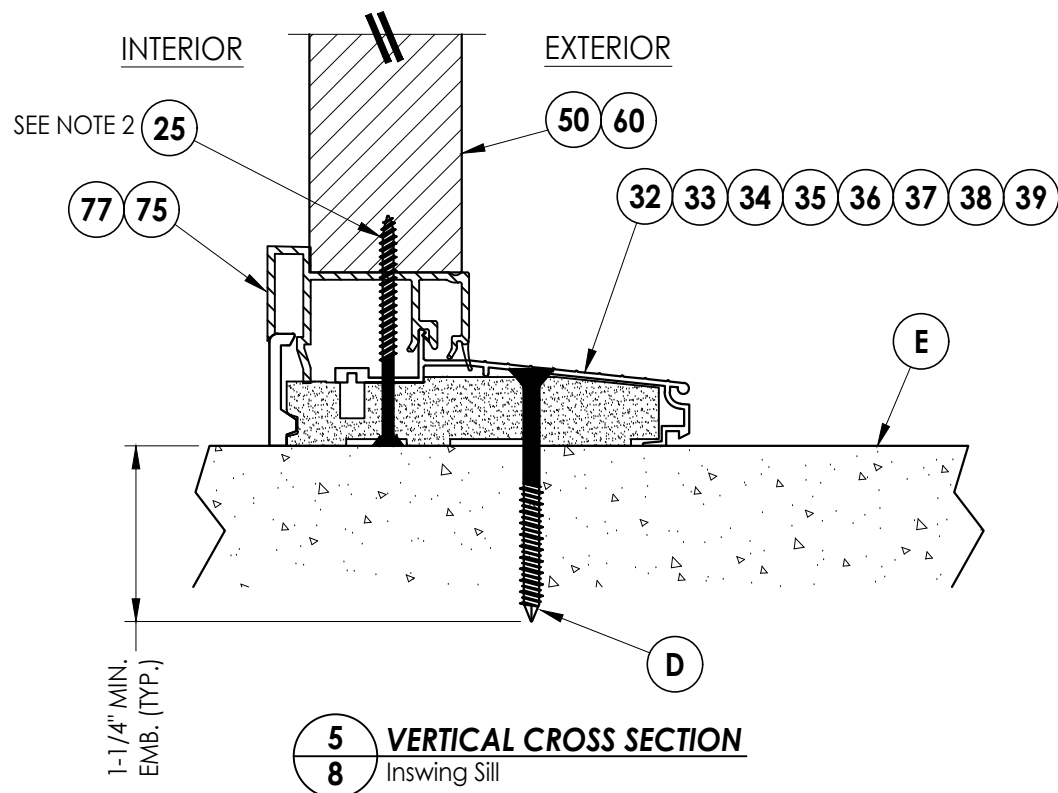
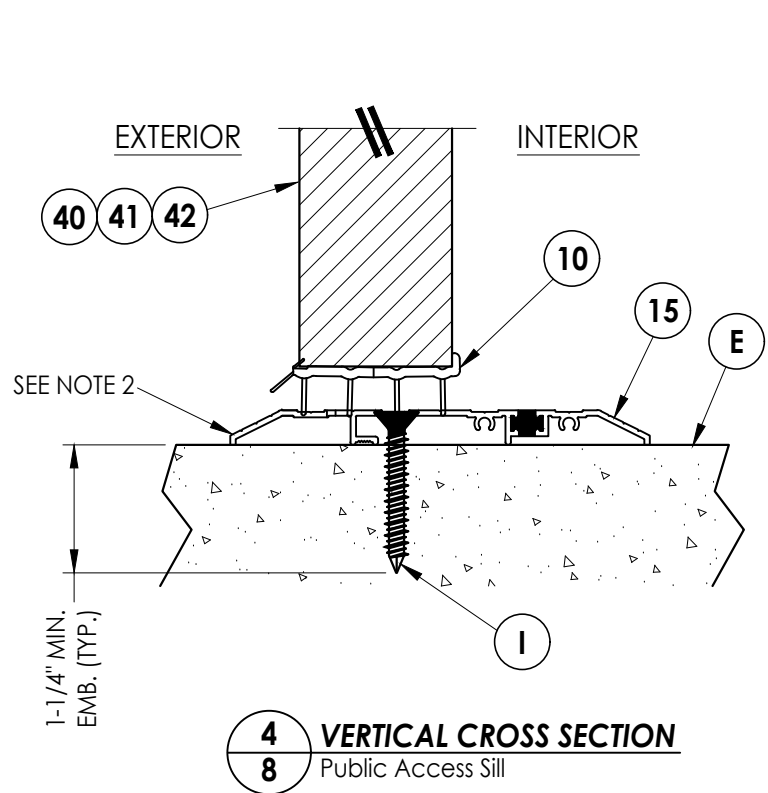
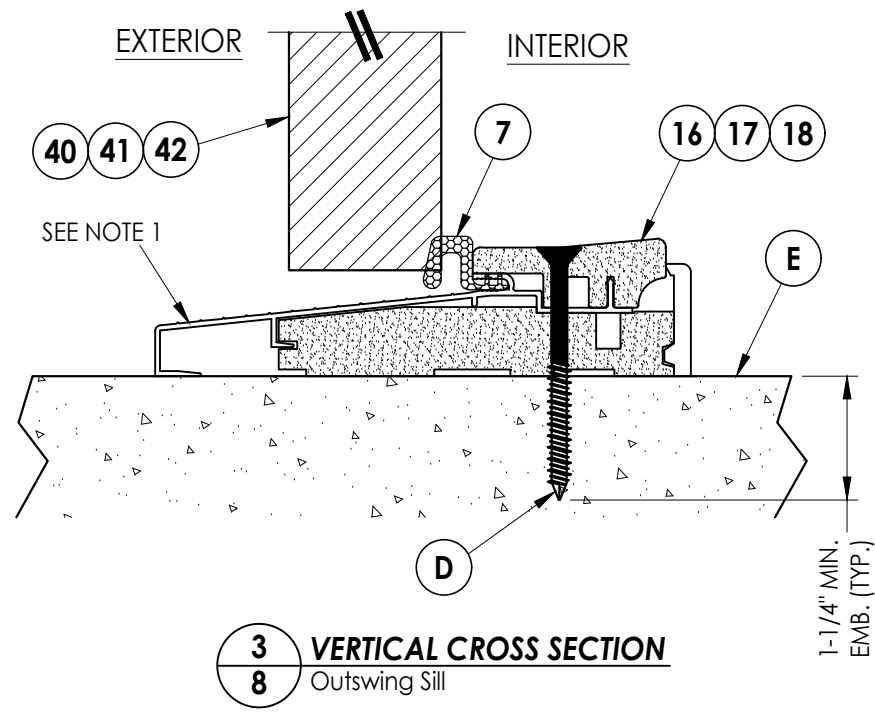
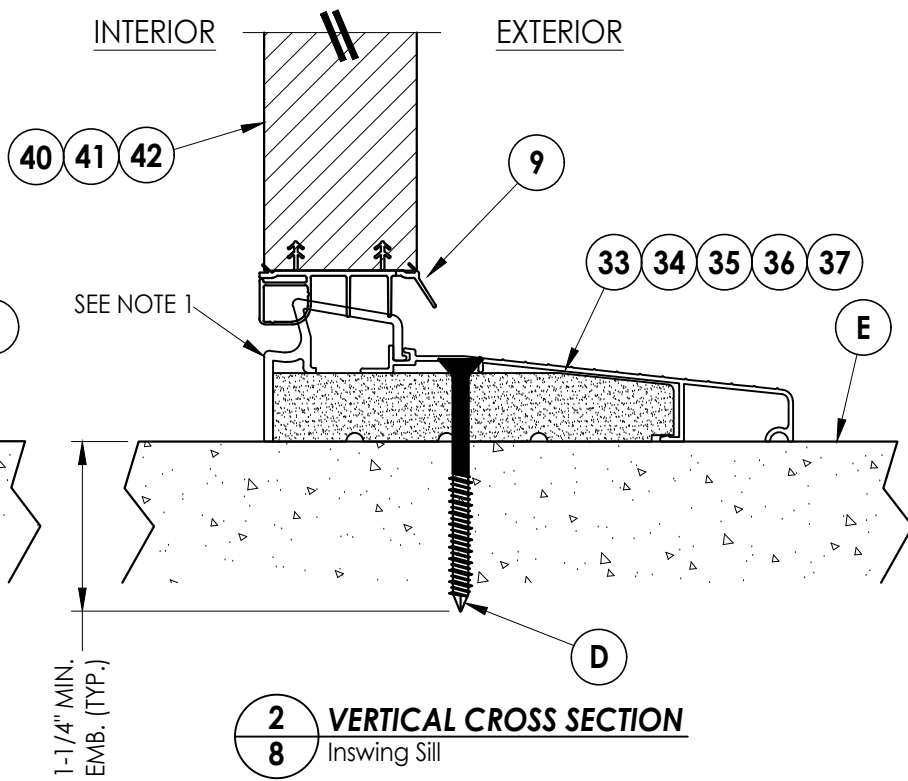
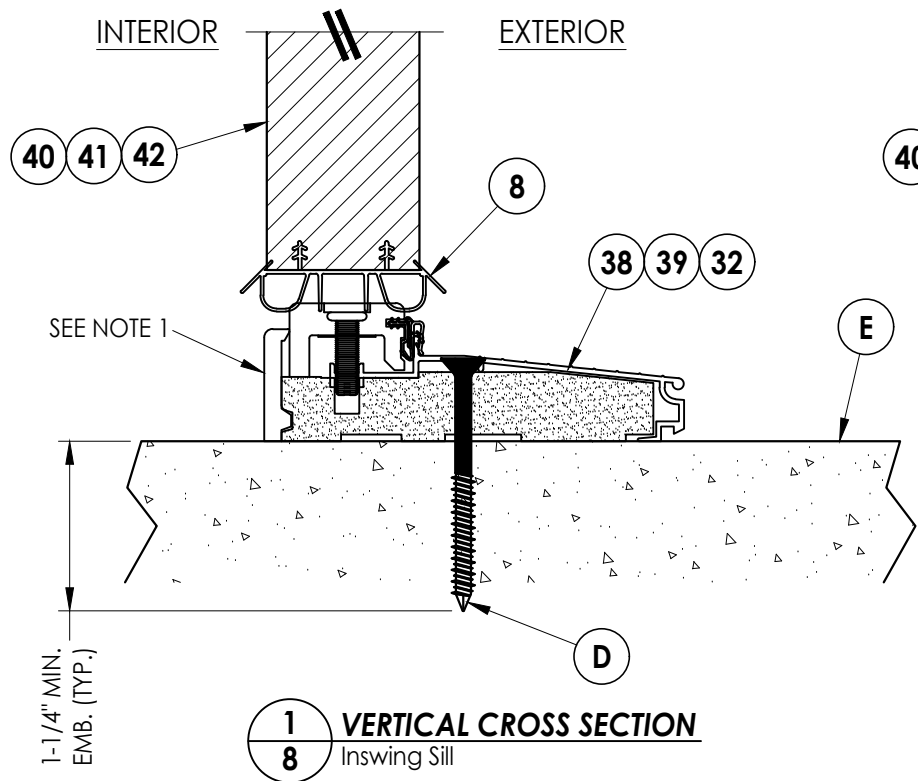


DATE: 07/07/17		5		7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
SCALE: N.T.S.		4		8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
DWG. BY: JK		3		7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
CHK. BY: LFS		2		10/10/18	REV. DOOR PANEL OPTION	NOTE	MT
DRAWING NO.: FL-21133.7		1		10/15/17	ADD DEADBOLT 5-1/2" O. C.		JK
SHEET 7 OF 14		NO.		DATE	& RECESSED PANEL NOTATION		BY
							REVISIONS

Z:\2023 FBC Drawings\Therma-Tru\FL-21133 R12\FL-21133.6-8.dwg

Notes:

1. Sill Item #'s 17, 18, 32, 34, 35, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 16 & 33 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 screws at each end.
2. Sidelite assembly screws located 4" from each end (2 screws along sill).



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

R_W BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, 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	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION
NO.	DATE	REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

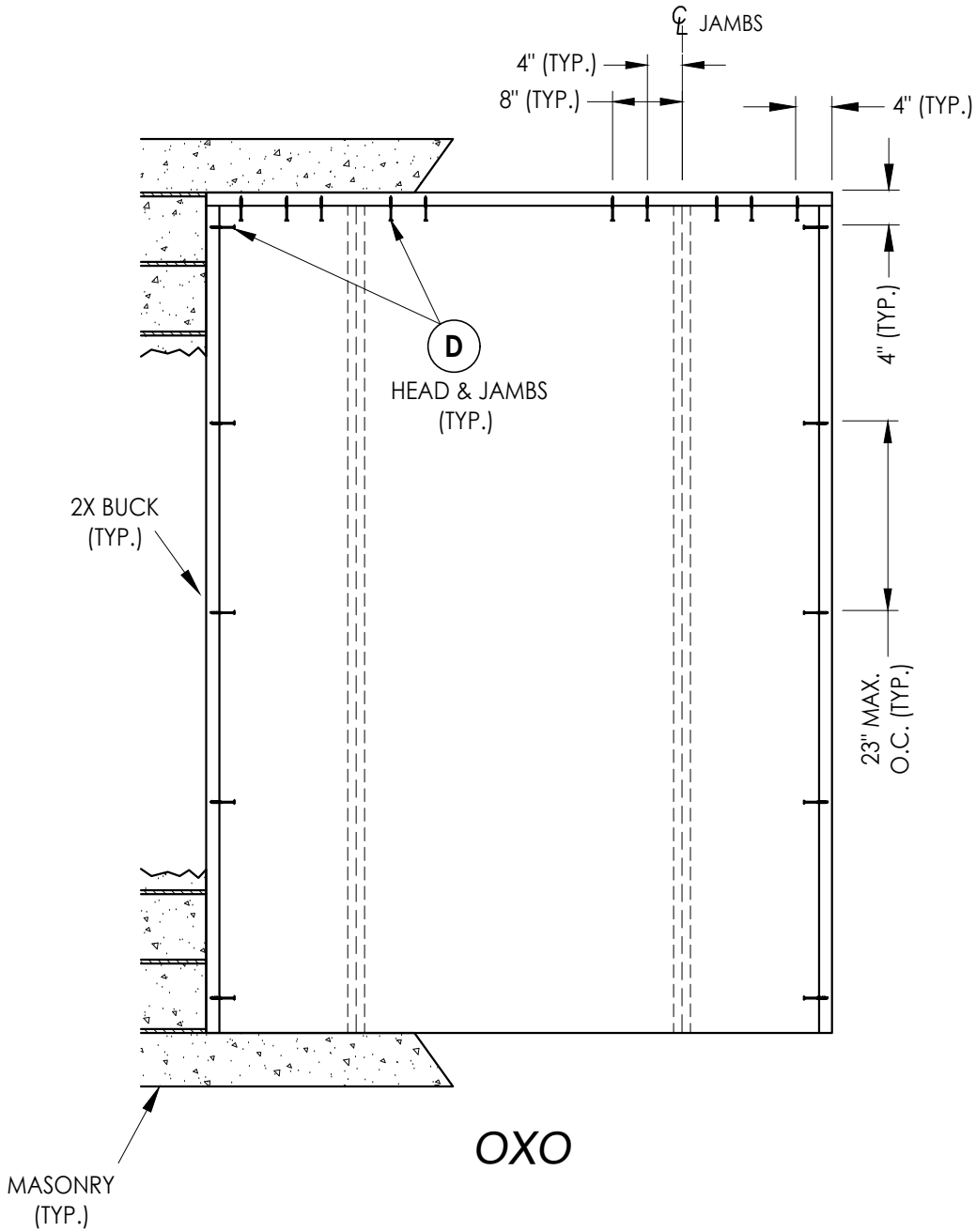
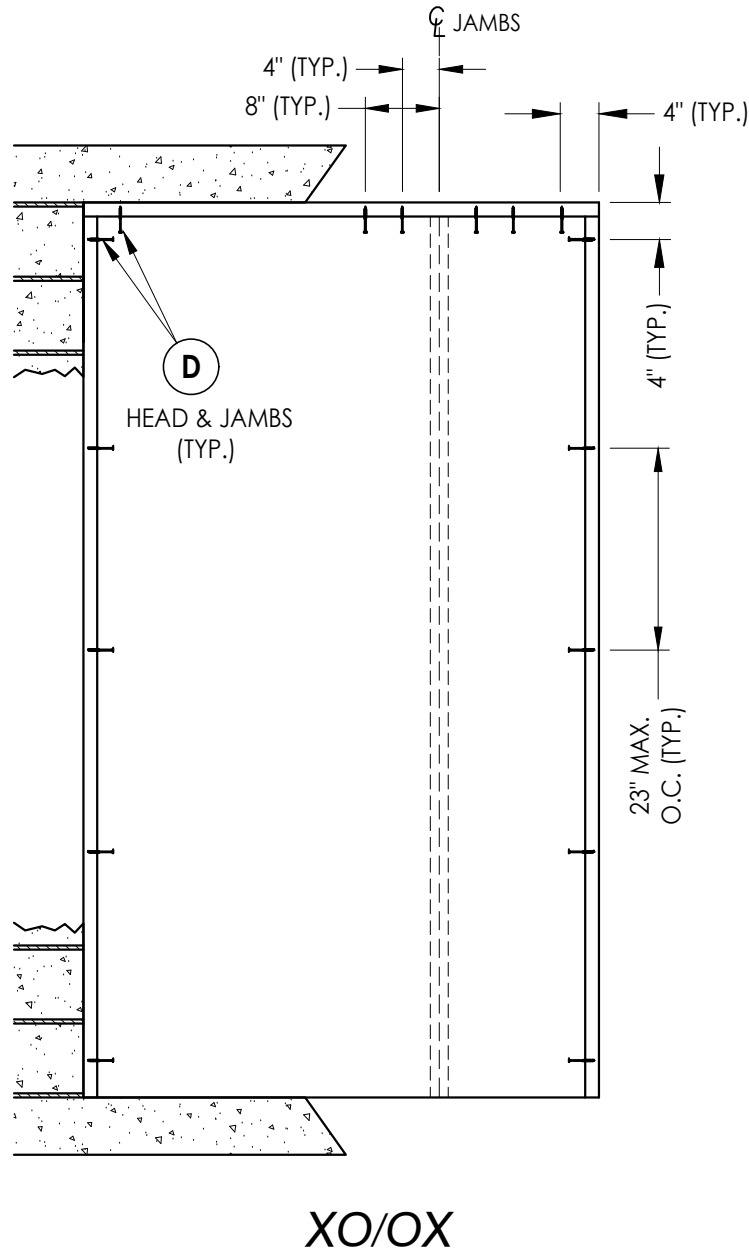
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.7

SHEET 8 OF 14

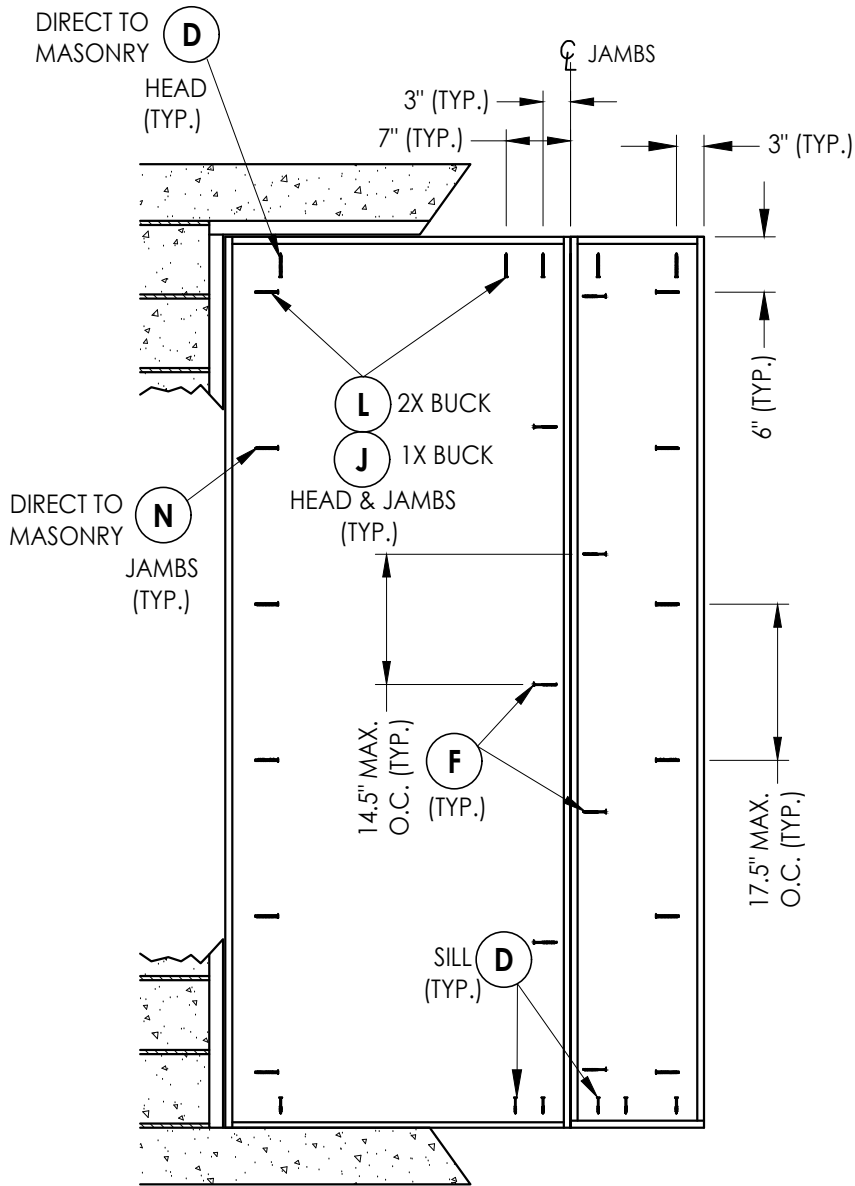
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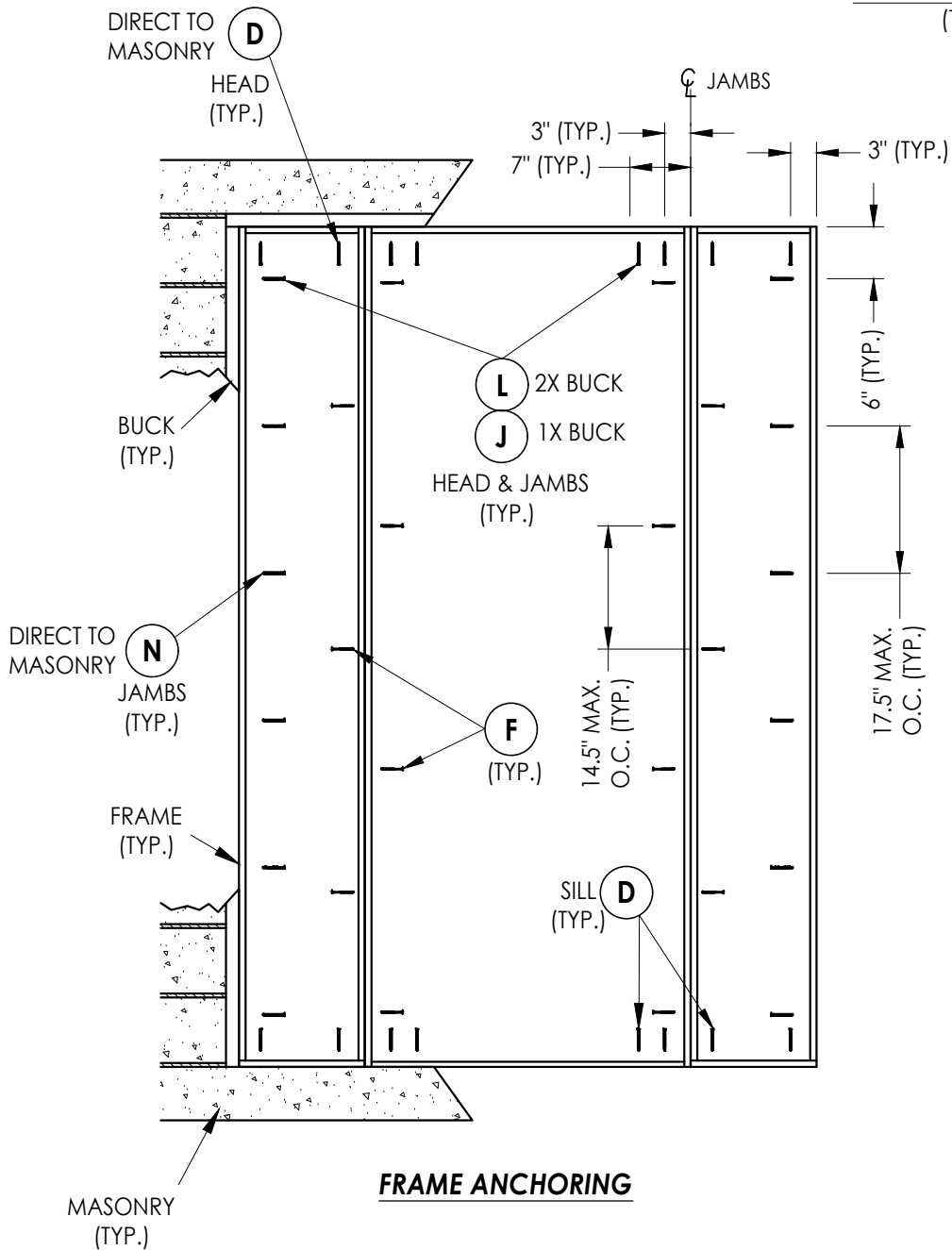
2X BUCK ANCHORING

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	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/16/20	UPDATE TO 7th ED (2020)	PO
2	10/10/18	REV. DOOR PANEL OPTION NOTE	MT
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.	JK
NO.	DATE	& RECESSED PANEL NOTATION	
		BY	
REVISIONS			
DATE: 07/07/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21133.7			
SHEET 9 OF 14			

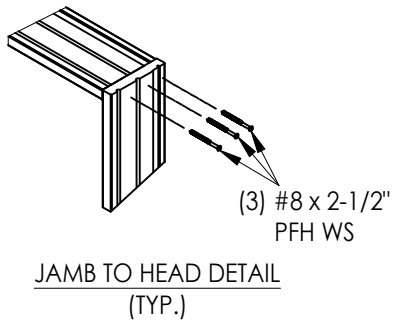
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FRAME ANCHORING



FRAME ANCHORING



REVISIONS	
NO.	DATE
5	7/02/26
4	8/23/23
3	7/16/20
2	10/10/18
1	10/15/17

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

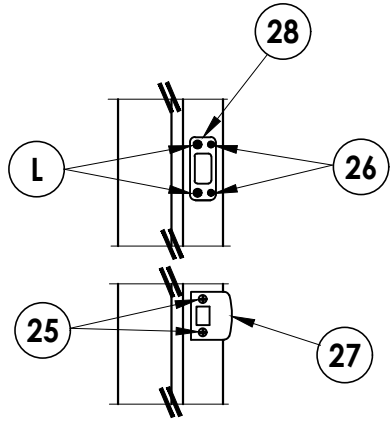
DRAWING NO.: FL-21133.7

SHEET 10 OF 14

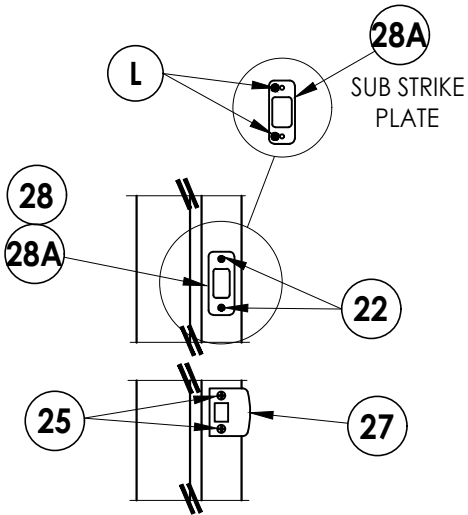
PRODUCT:	
THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:	
FRAME ANCHORING	

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

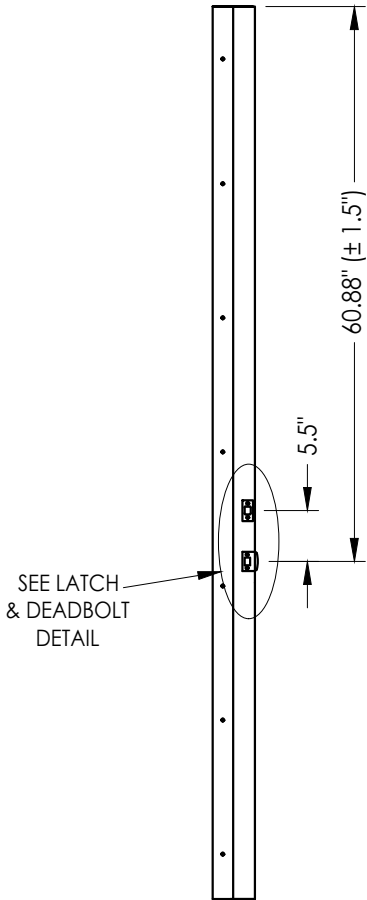
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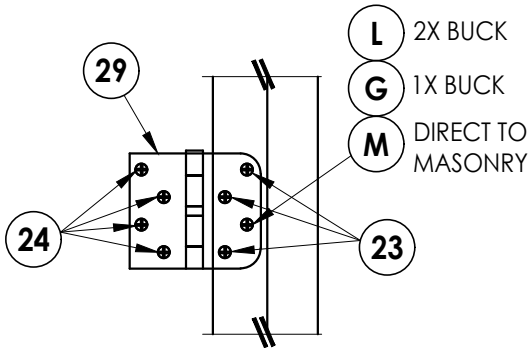
LATCH & DEADBOLT DETAIL
Kwikset



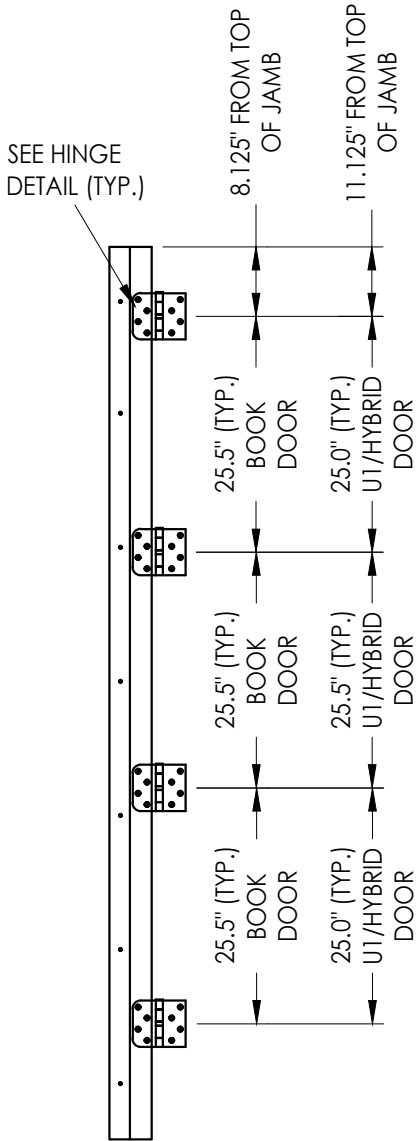
LATCH & DEADBOLT DETAIL
Schlage



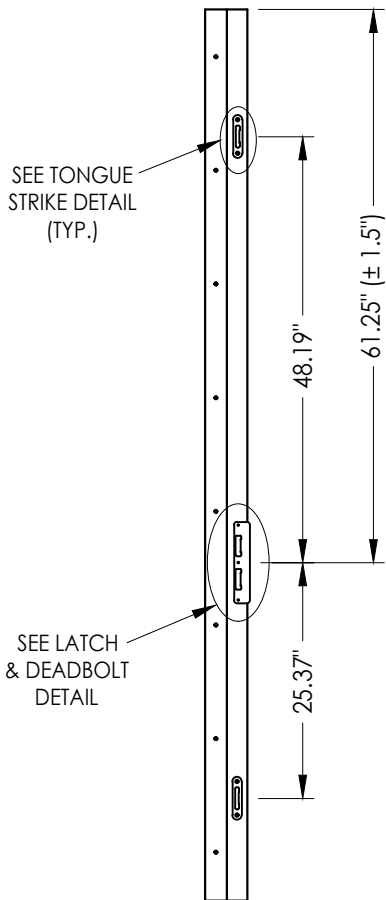
STRIKE JAMB
Latch and Deadbolt



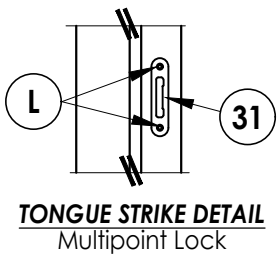
HINGE DETAIL



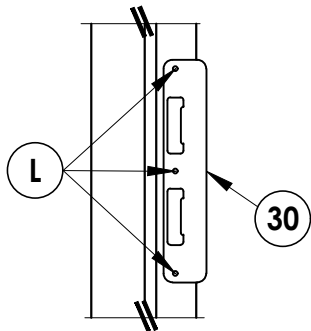
HINGE JAMB



STRIKE JAMB
Multipoint Lock



TONGUE STRIKE DETAIL
Multipoint Lock



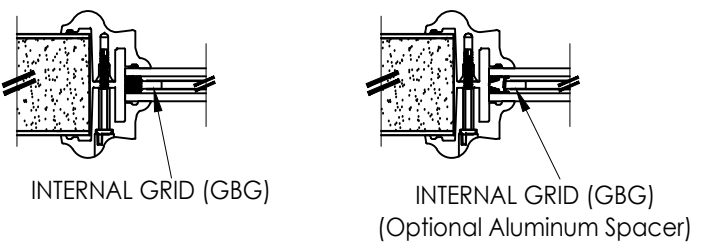
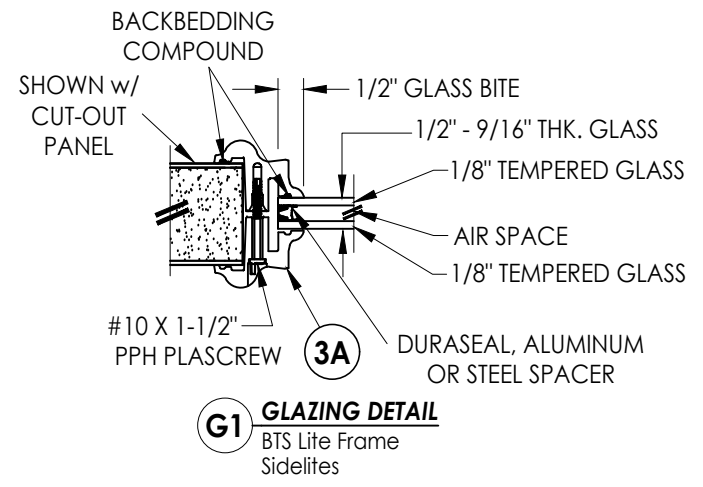
LATCH & DEADBOLT DETAIL
Multipoint Lock

LATCH & DEADBOLT STRIKE DETAILS

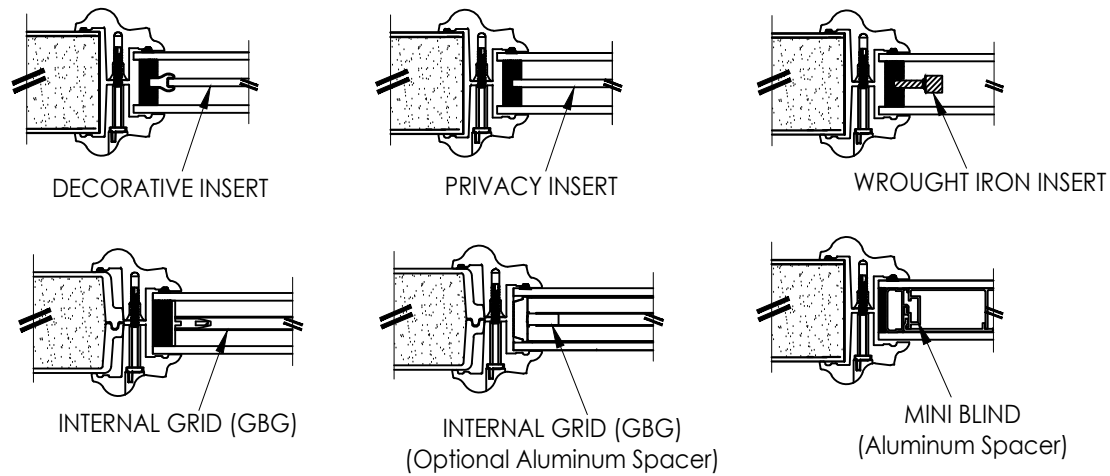
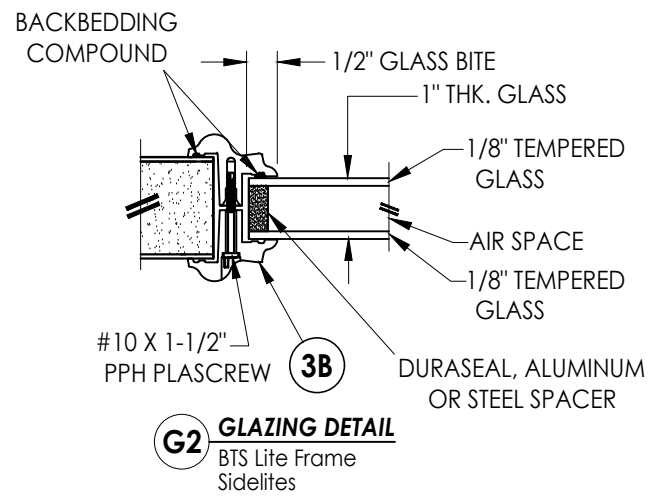
MULTIPOINT LOCK STRIKE DETAILS

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
2	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.		JK
		& RECESSED PANEL NOTATION		
NO. DATE		REVISIONS		
DATE: 07/07/17				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-21133.7				
SHEET 11 OF 14				

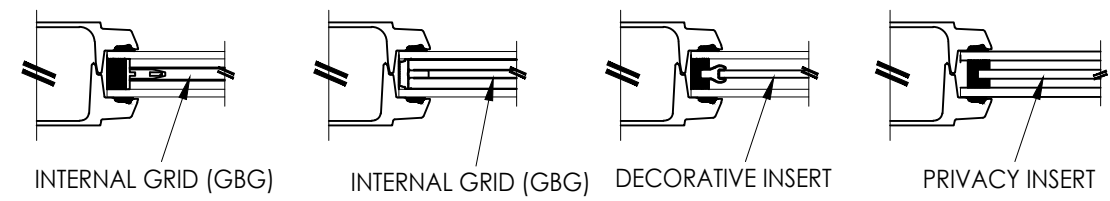
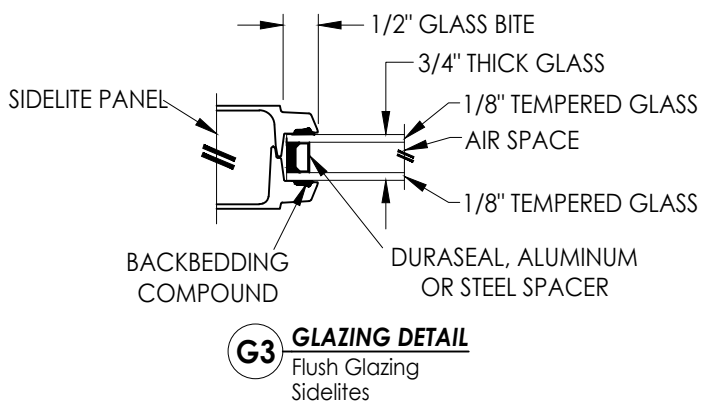
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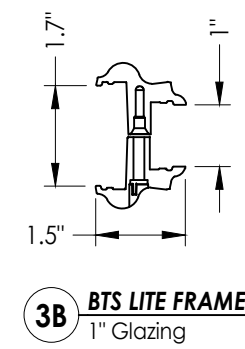
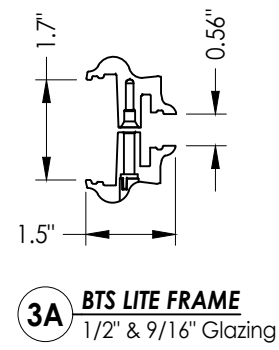
9/16" INSULATED GLASS INSERT OPTIONS



1" INSULATED GLASS INSERT OPTIONS

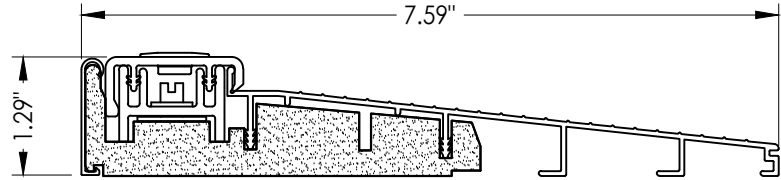


3/4" INSULATED GLASS INSERT OPTIONS

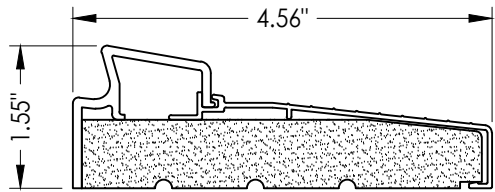


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409										BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813									
PRODUCT: THERMA-TRU FIBERGLASS DOOR										PART OR ASSEMBLY: GLAZING DETAILS									
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS															
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS															
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO															
2	10/10/18	REV. DOOR PANEL OPTION NOTE		MT															
1	10/15/17	ADD DEADBOLT 5-1/2" O. C.		JK															
NO.		DATE				BY													
										REVISIONS									
DATE: 07/07/17																			
SCALE: N.T.S.																			
DWG. BY: JK																			
CHK. BY: LFS																			
DRAWING NO.: FL-21133.7																			
SHEET 12 OF 14																			

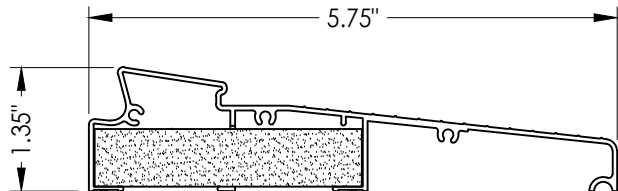
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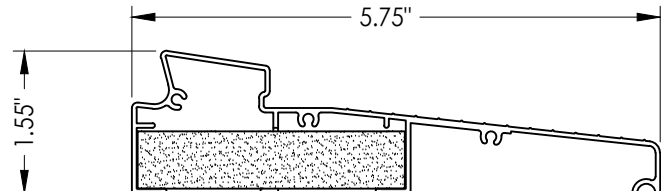
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



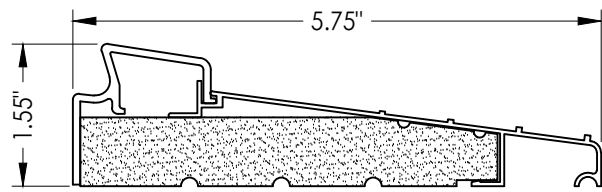
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



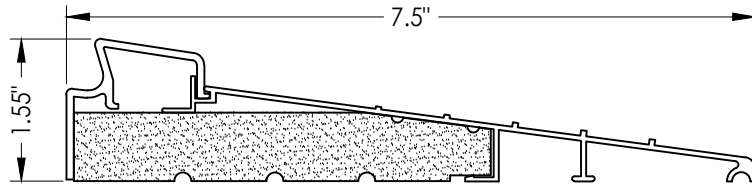
34 INSWING THRESHOLD
Inswing Moderate Climate Sill 1-3/8"



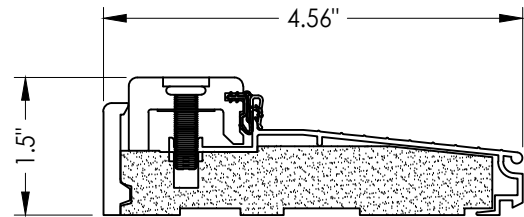
35 INSWING THRESHOLD
Inswing Moderate Climate Sill



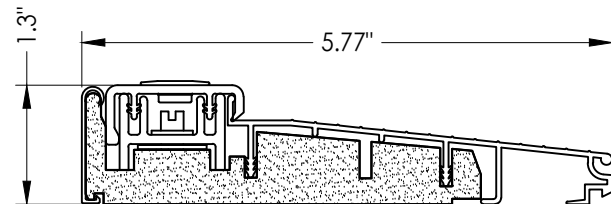
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



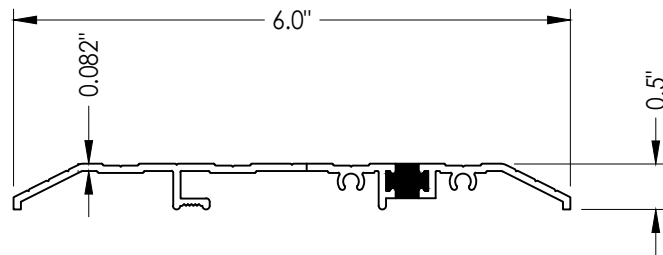
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



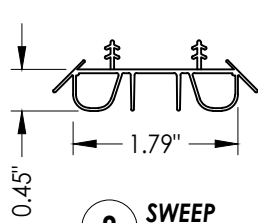
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



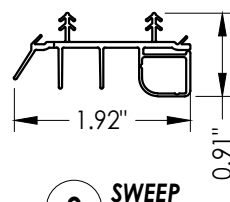
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



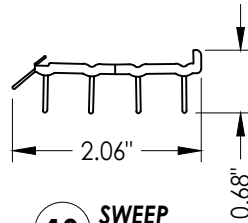
15 PUBLIC ACCESS THRESHOLD



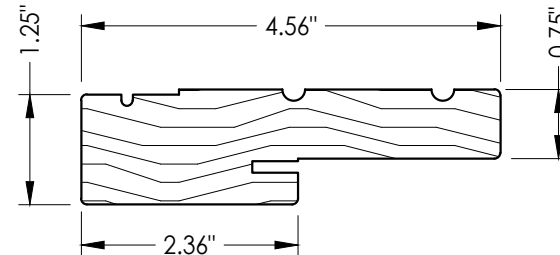
8 SWEEP



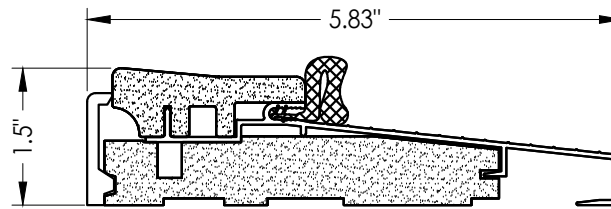
9 SWEEP



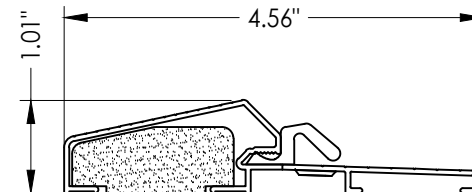
10 SWEEP



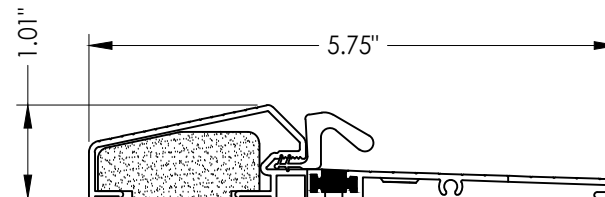
1 WOOD JAMB



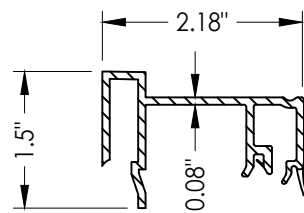
16 OUTSWING THRESHOLD
Composite Sill



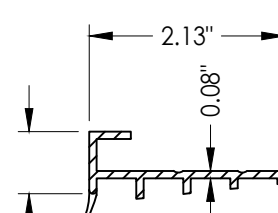
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



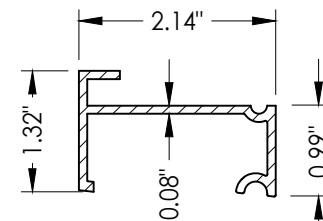
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



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

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

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7th ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION
BY		

DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.7
SHEET 13 OF 14

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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	60	SIDELITE (FLUSH GLAZED)	-
17	OUTSWING THRESHOLD	ALUM/COMP	75	SIDELITE SPACER (INSWING)	PVC
18	OUTSWING THRESHOLD	ALUM/COMP	76	SIDELITE SPACER (OUTSWING)	PVC
22	#8 x 3/4" PFH WOOD SCREW	STEEL	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC
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

REV. NO.

DATE

REVISIONS

57/02/26UPDATE TO 9TH ED. (2026) FBC

48/23/23UPDATE TO 8TH ED. (2023) FBC

37/16/20UPDATE TO 7th ED (2020) FBC

210/10/18REV. DOOR PANEL OPTION NOTE

110/15/17ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION

NO.

DATE

BY

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.7

SHEET 14 OF 14

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

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