

Z:\2023 FBC Drawings\Therma-Tru\FL-21133 R10\FL-21133.6-8.dwg

THERMA-TRU[®]
DOORS

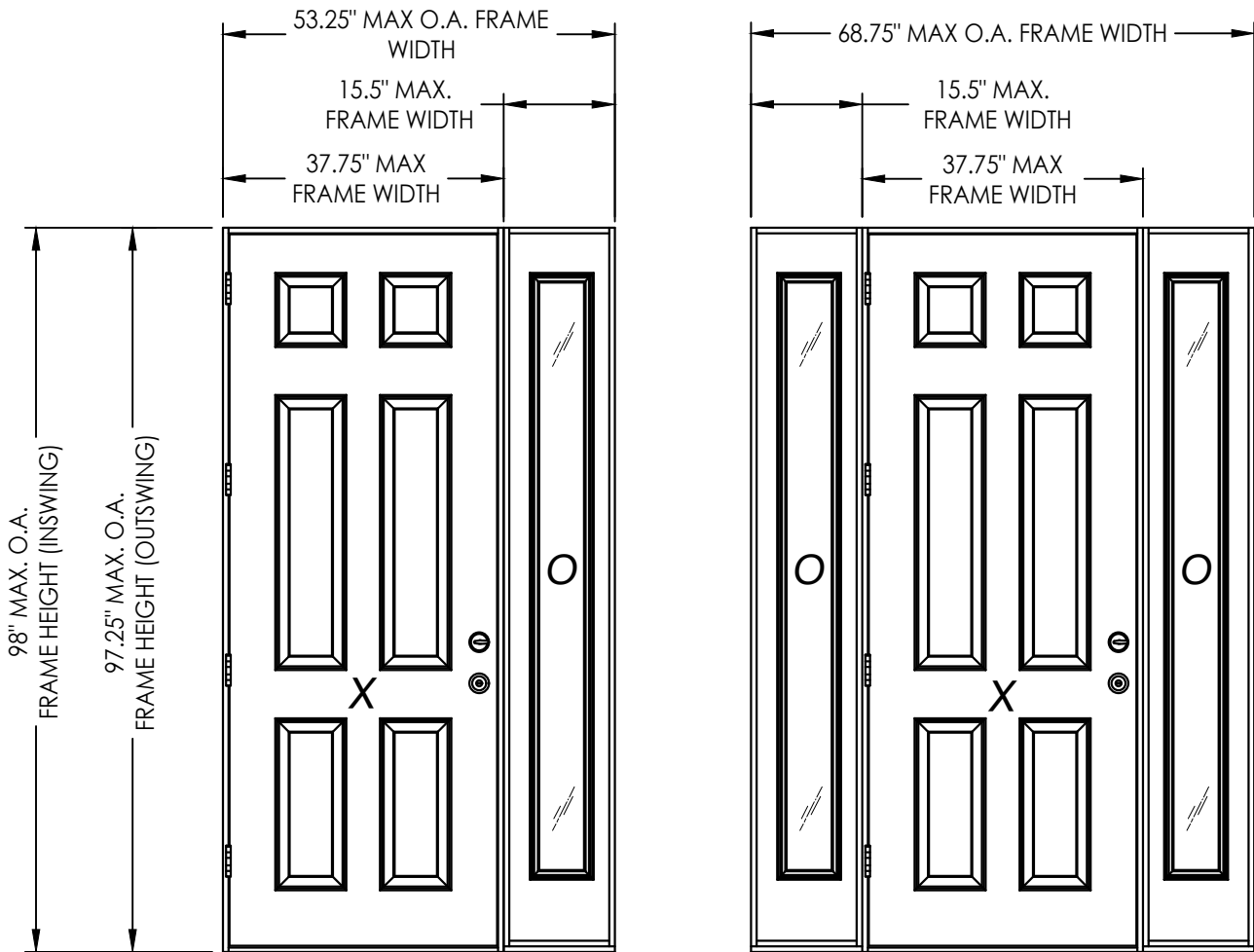
Fiber-Classic[®] & Smooth-Star[®]

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

GENERAL NOTES

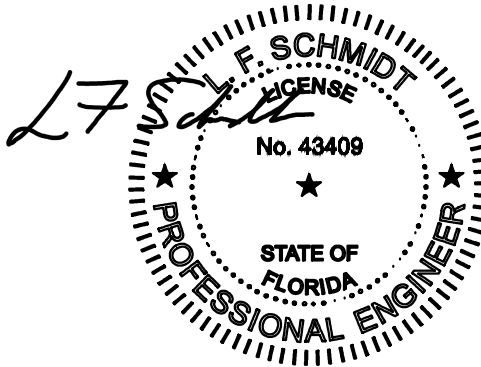
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 as follows: Wind Zones 1, 2 & 3: Glazed Sidelites only; Wind Zone 4: Entire System.
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. 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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1	Typical Elevations, Design Pressures & General Notes
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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: 2023.08.23 16:05:26 -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

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-21133.7

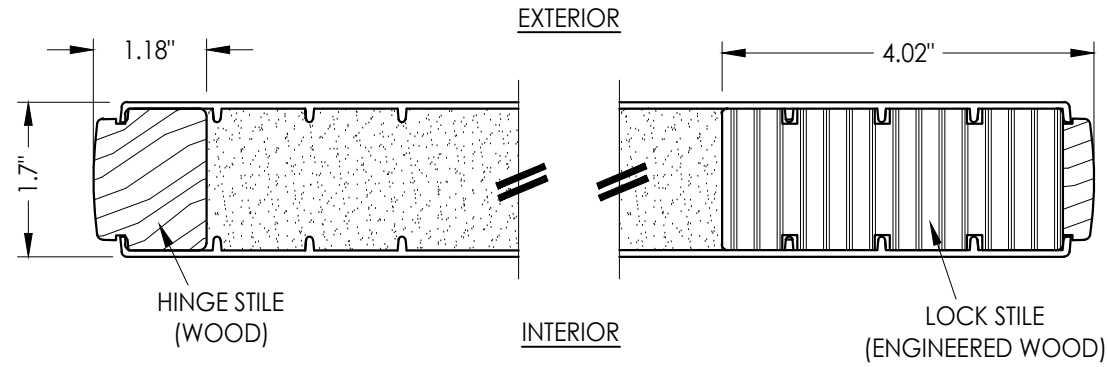
SHEET 1 OF 14

Part or Assembly:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

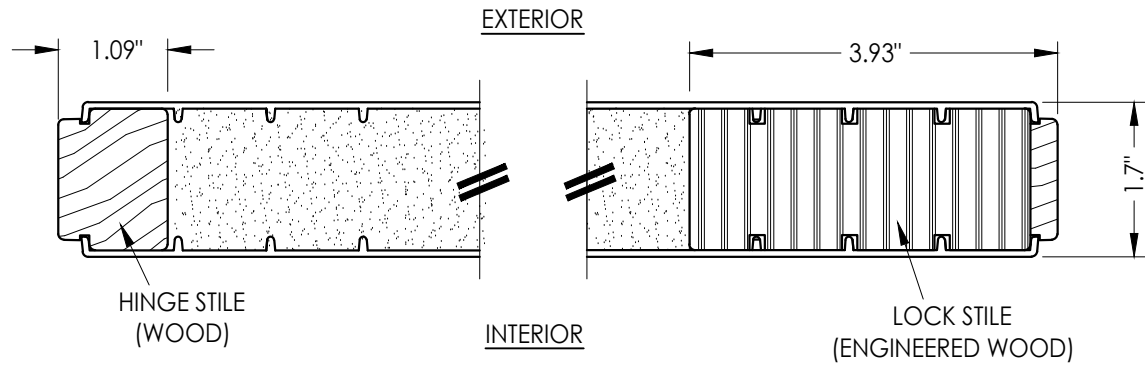
REVISIONS

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

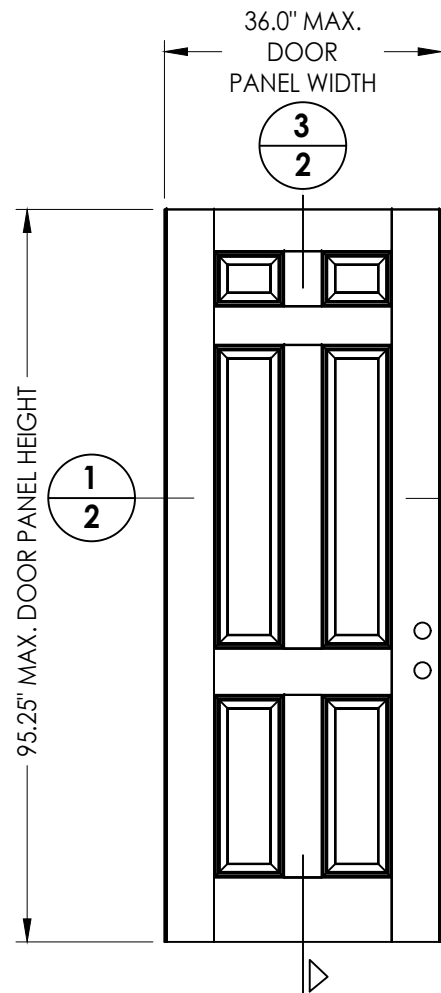
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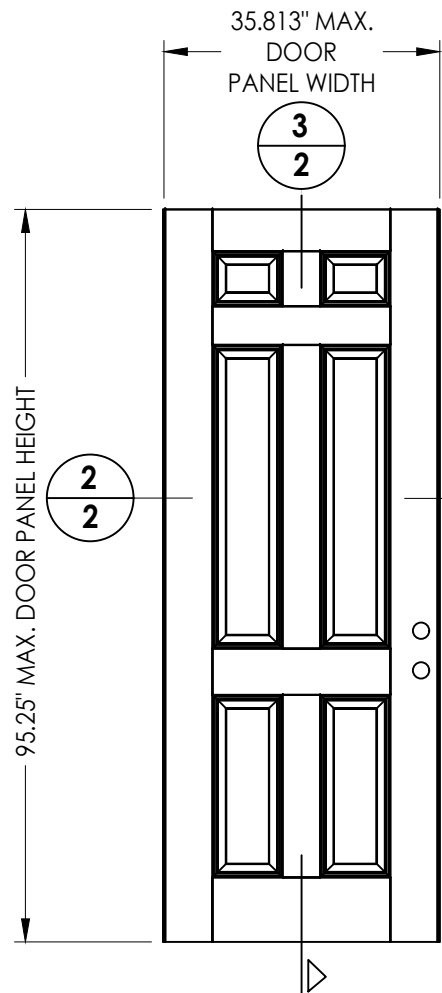
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2 HORIZONTAL CROSS SECTION



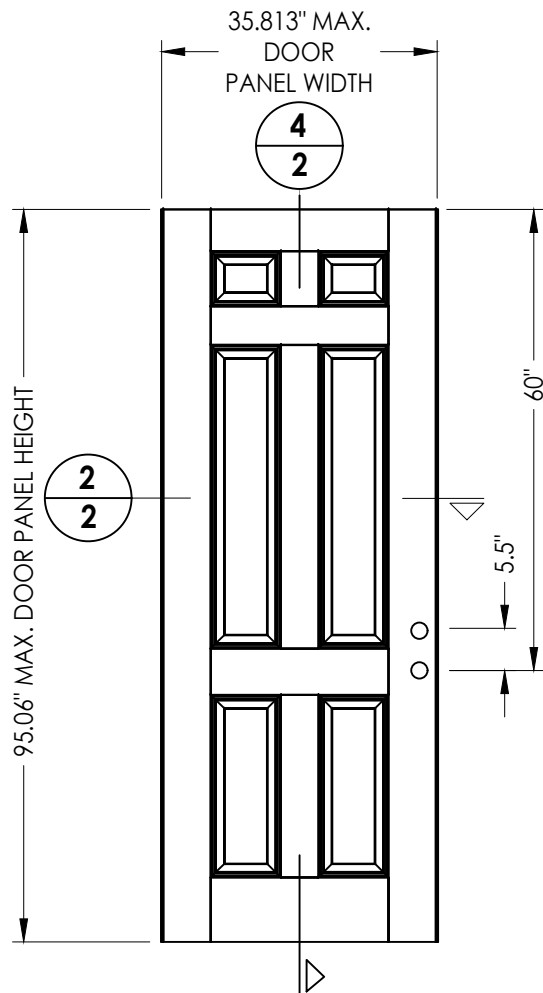
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2 HORIZONTAL CROSS SECTION



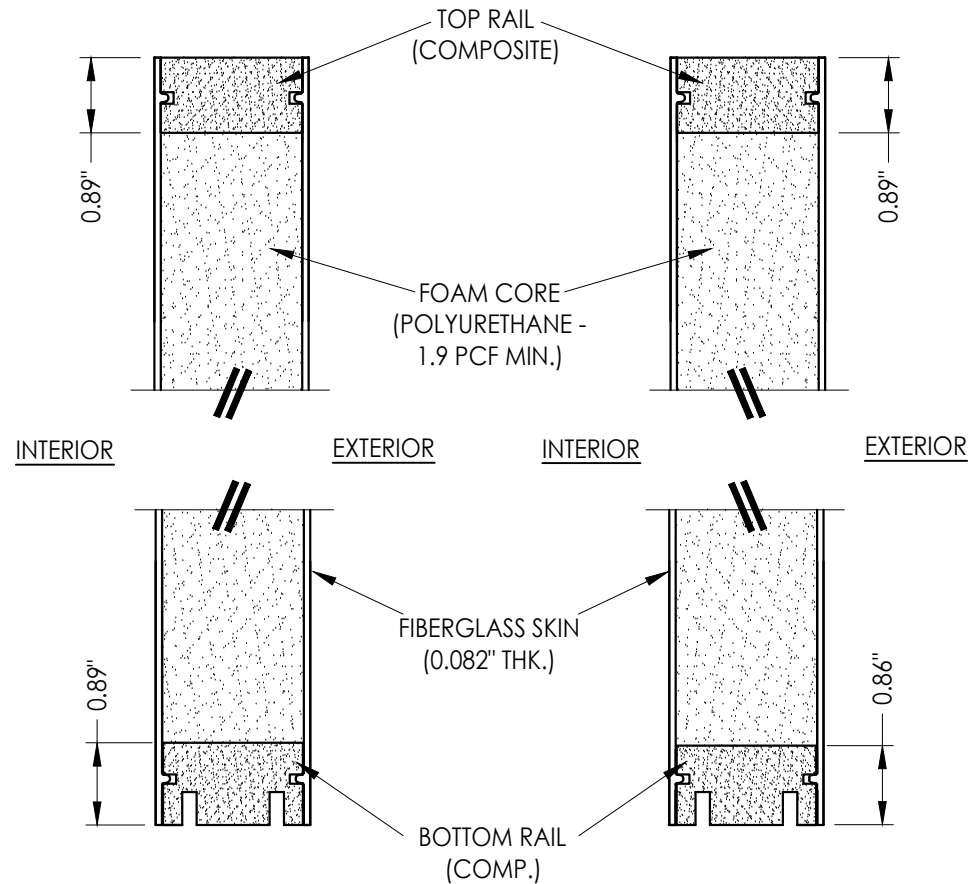
40 DOOR PANEL
BOOK



41 DOOR PANEL
Hybrid Door



42 DOOR PANEL
U1 Door



3
2 VERTICAL CROSS SECTION

4
2 VERTICAL CROSS SECTION

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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
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

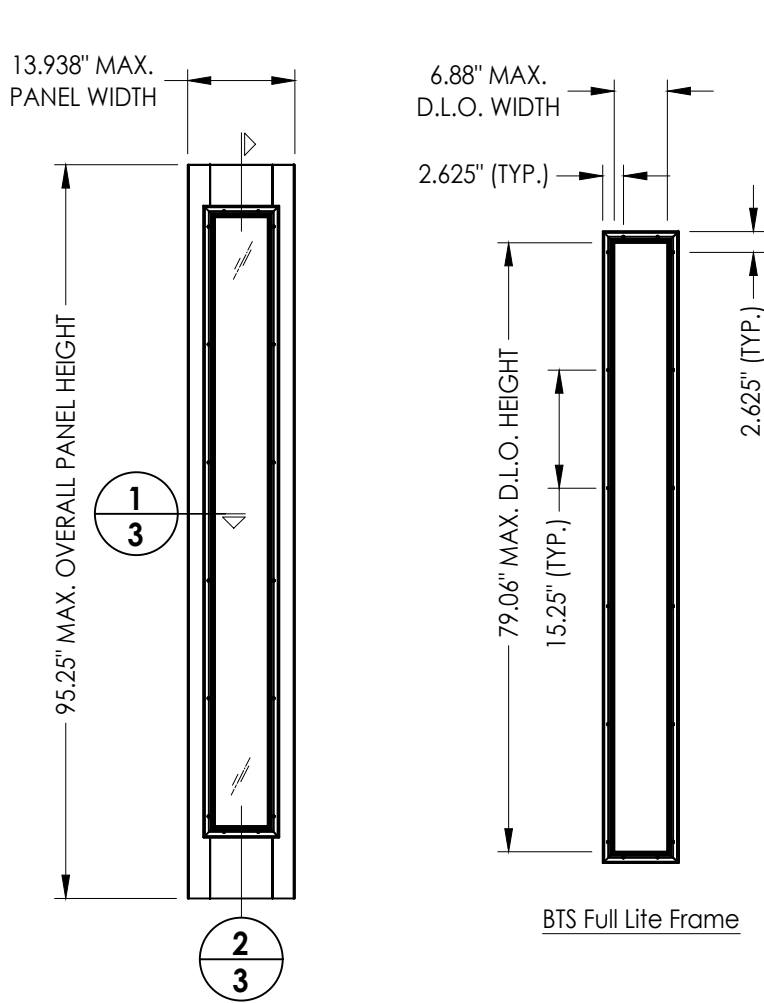
CHK. BY: LFS

DRAWING NO.:

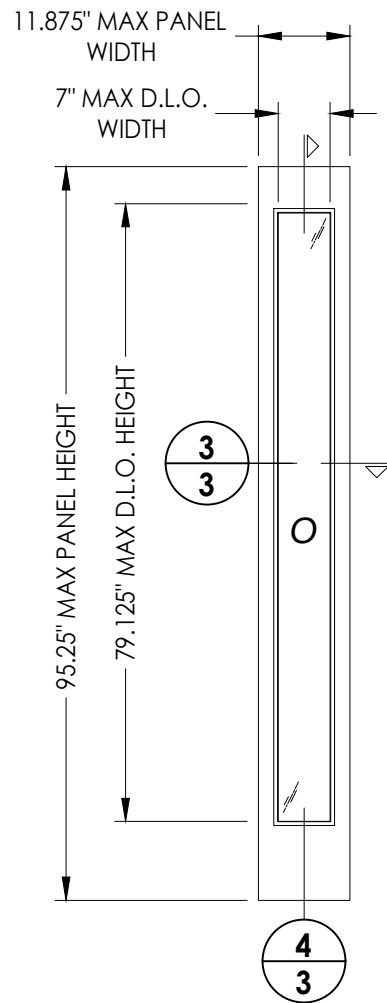
FL-21133.7

SHEET 2 OF 14

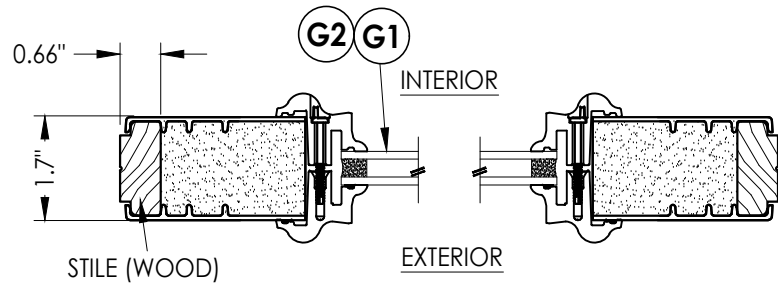
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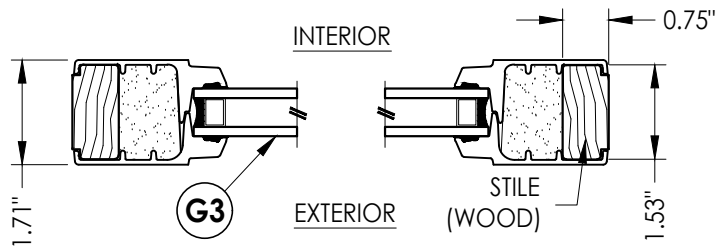
50 **SIDELITE PANEL**
FULL LITE
LIP LITE



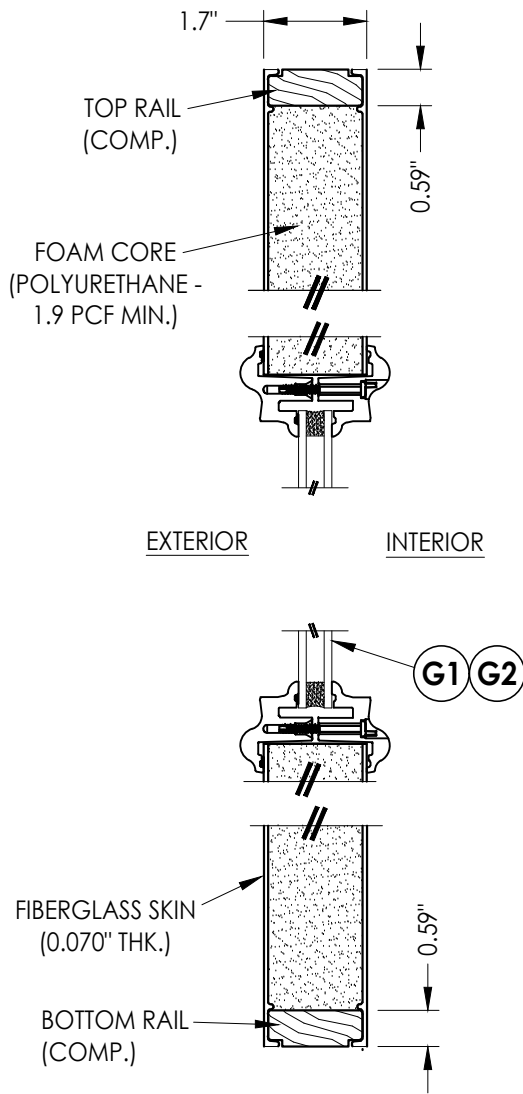
60 **SIDELITE PANEL**
FULL LITE
FLUSH GLAZED



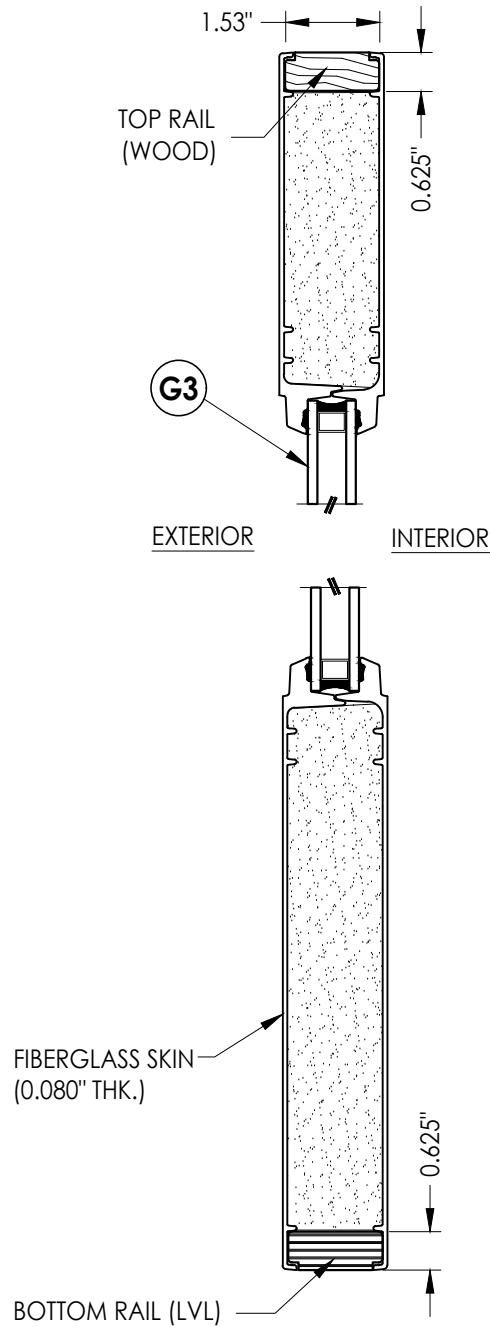
1 **HORIZONTAL CROSS SECTION**
3 Lip Lite Glazing



3 **HORIZONTAL CROSS SECTION**
3 Flush Glazed



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



4 **VERTICAL CROSS SECTION**
3 Flush Glazed

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

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

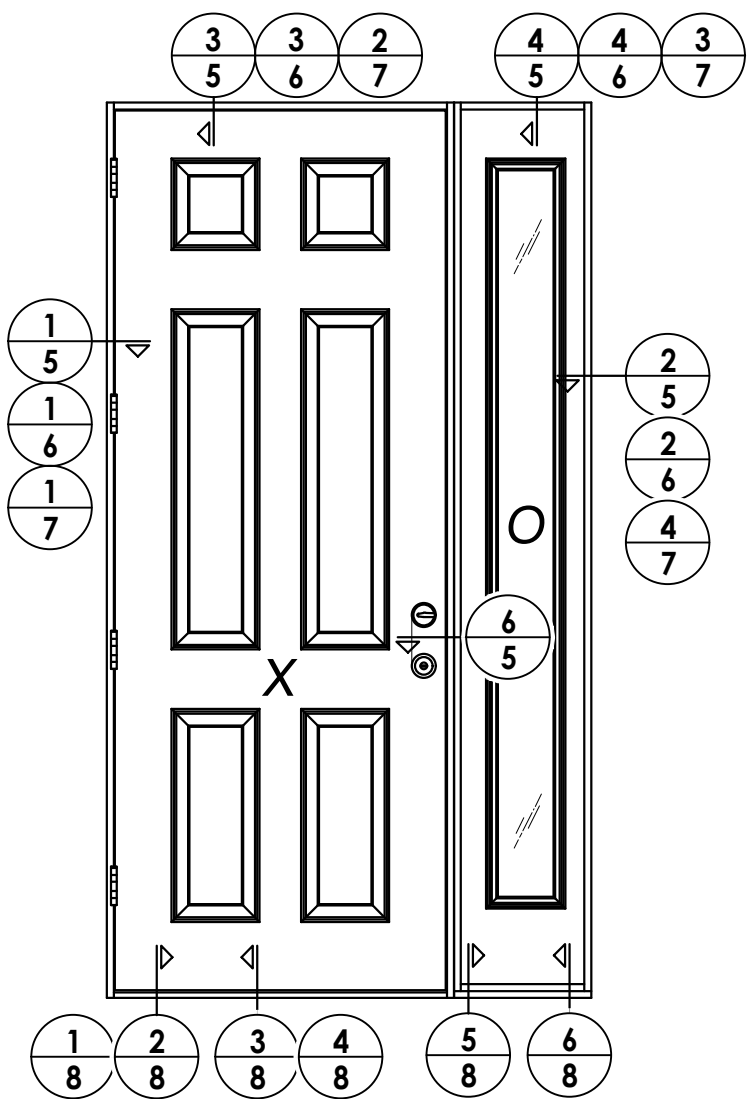
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SHEET 3 OF 14

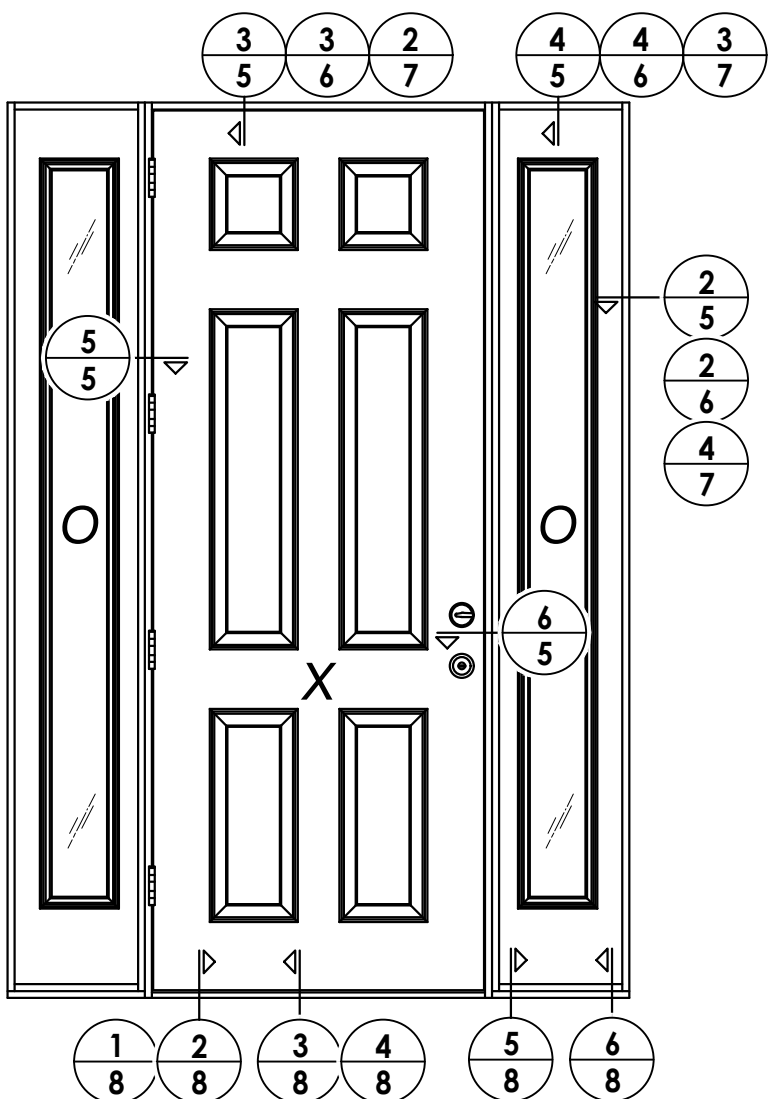
Documents Prepared By:
Lyndon F. Schmidt
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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)

4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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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	4 OF 14

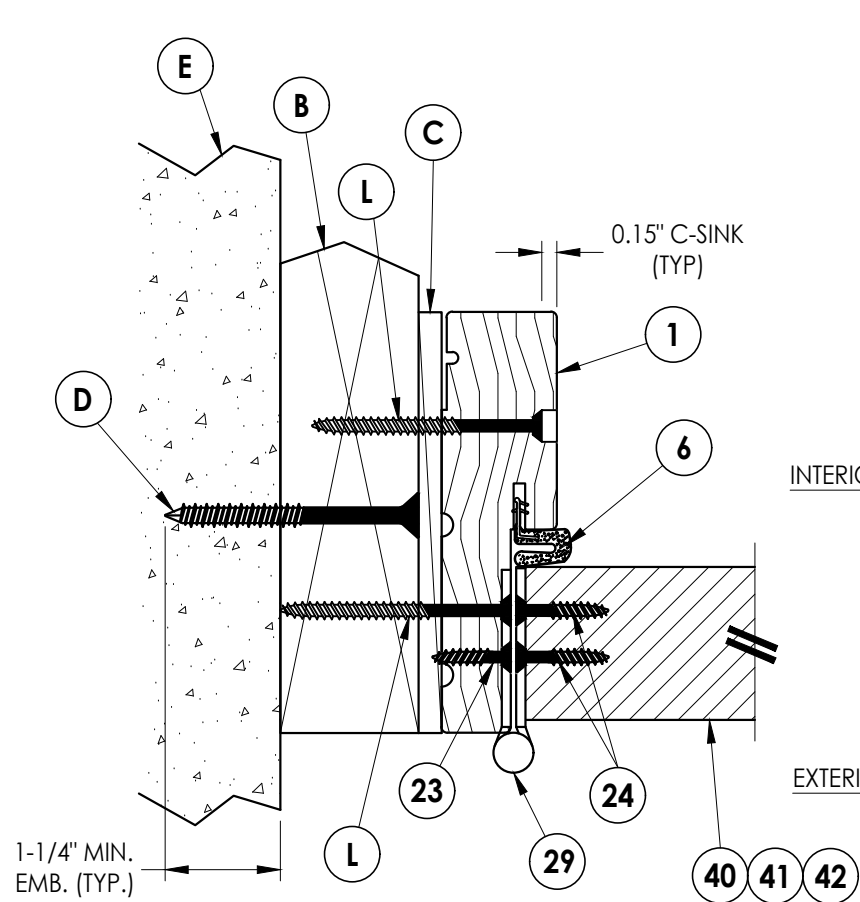
PRODUCT: THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY: ELEVATIONS

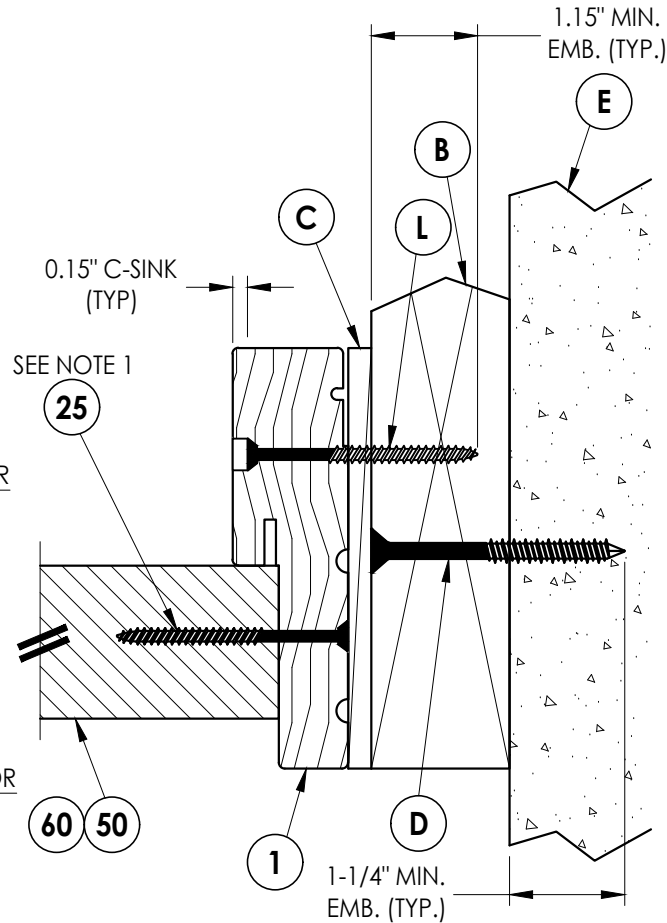
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

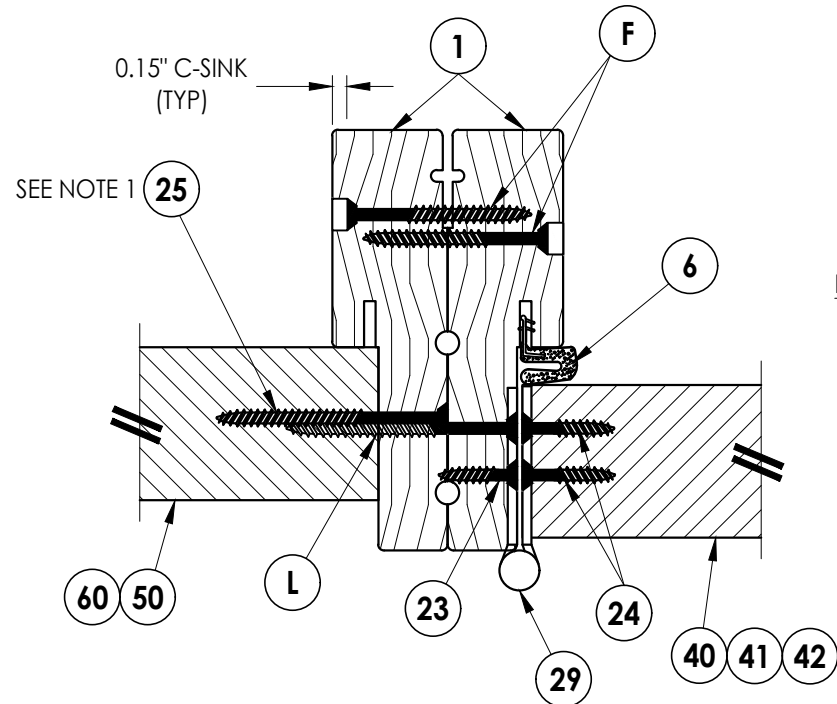
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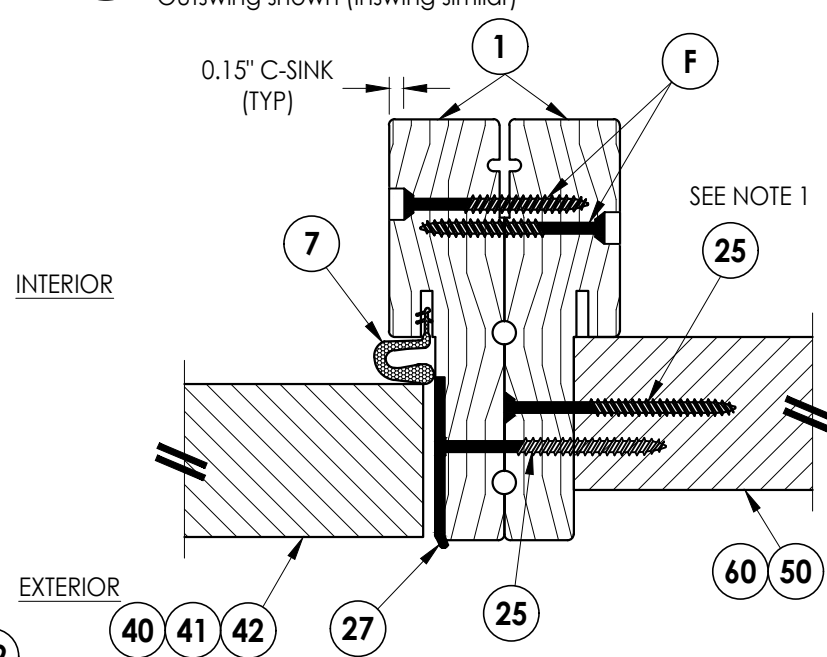
1 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



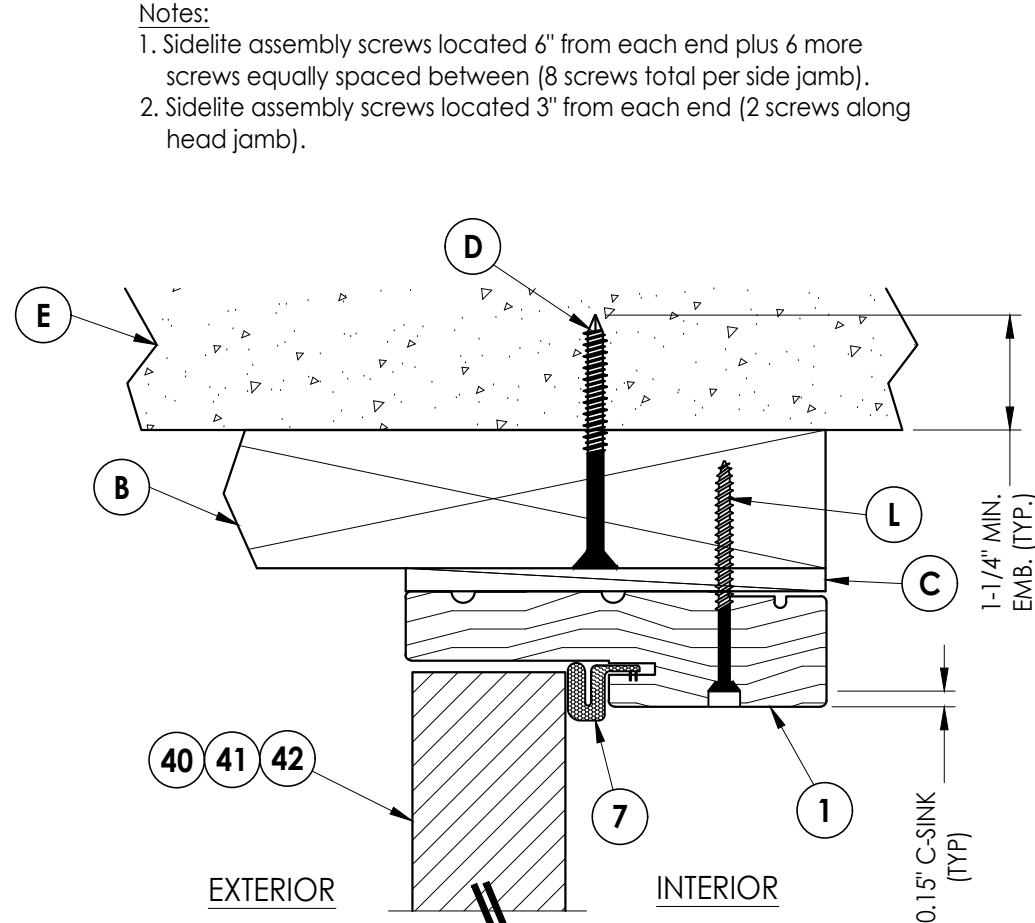
2 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



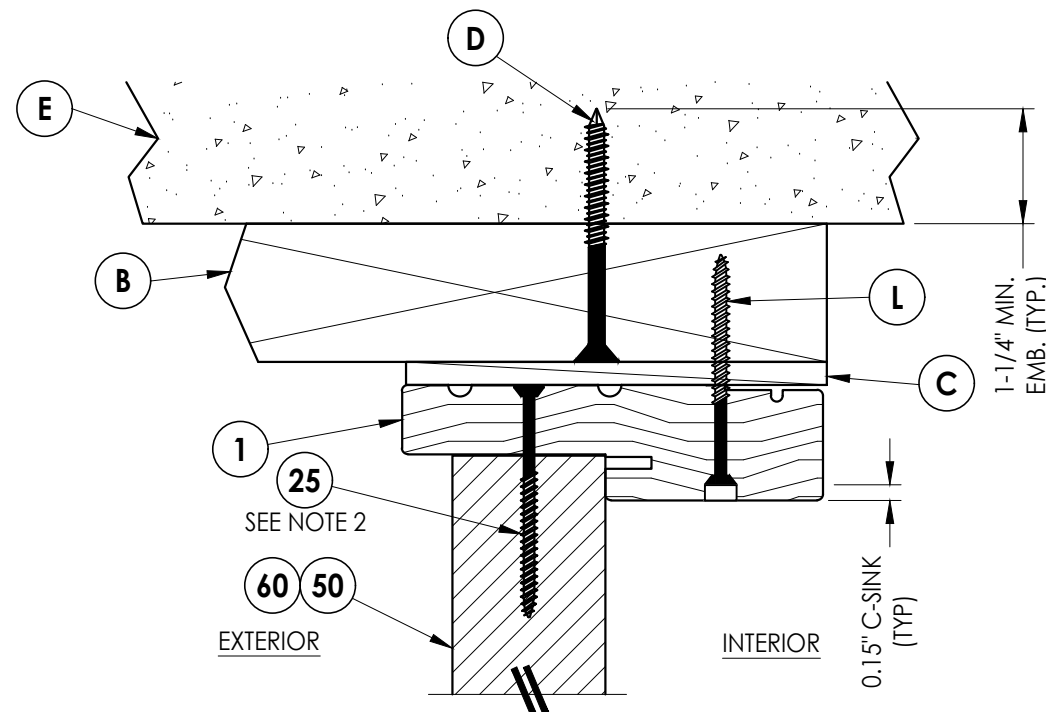
5 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)



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).

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
4	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

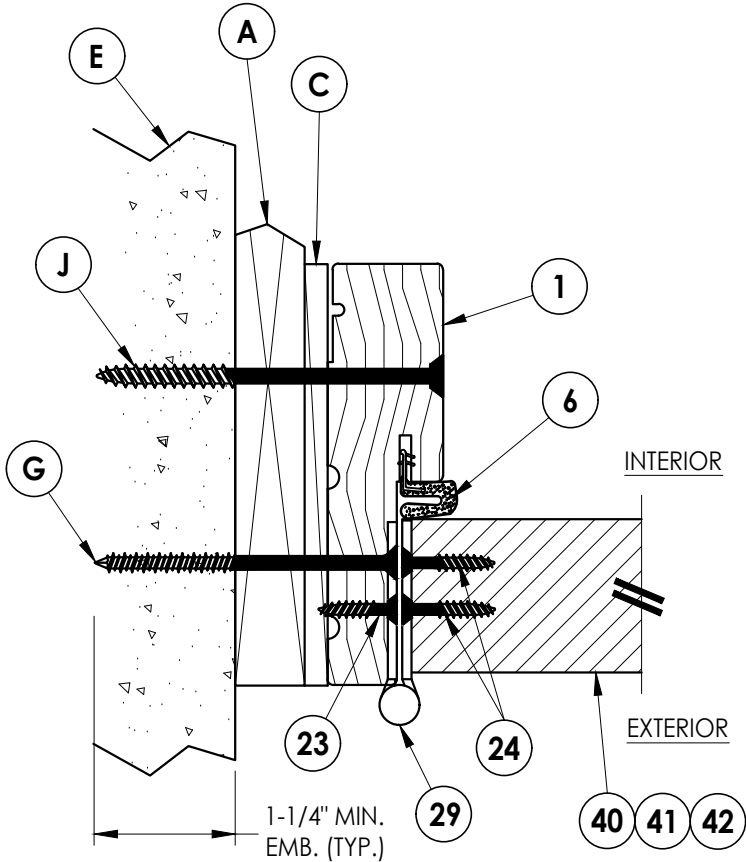
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FL-21133.7

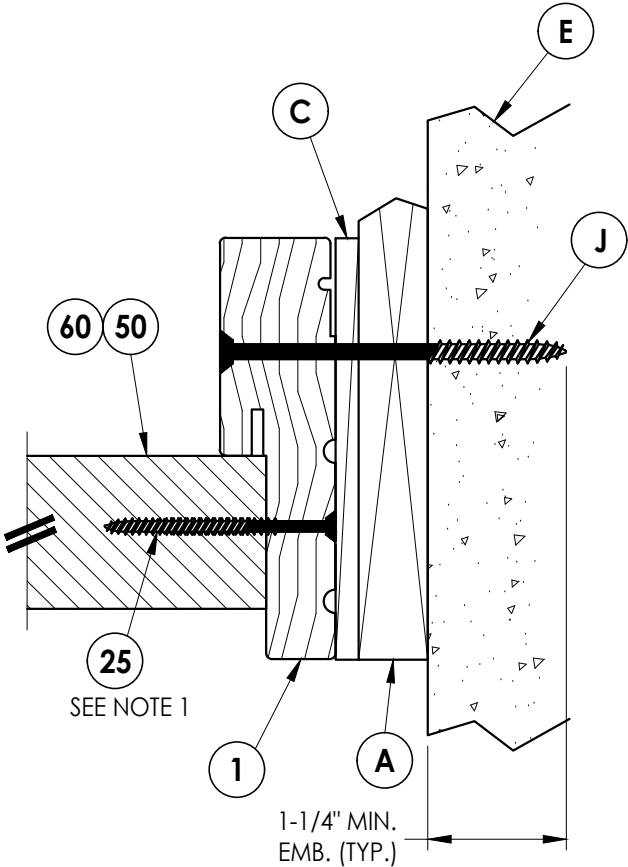
SHEET 5 OF 14

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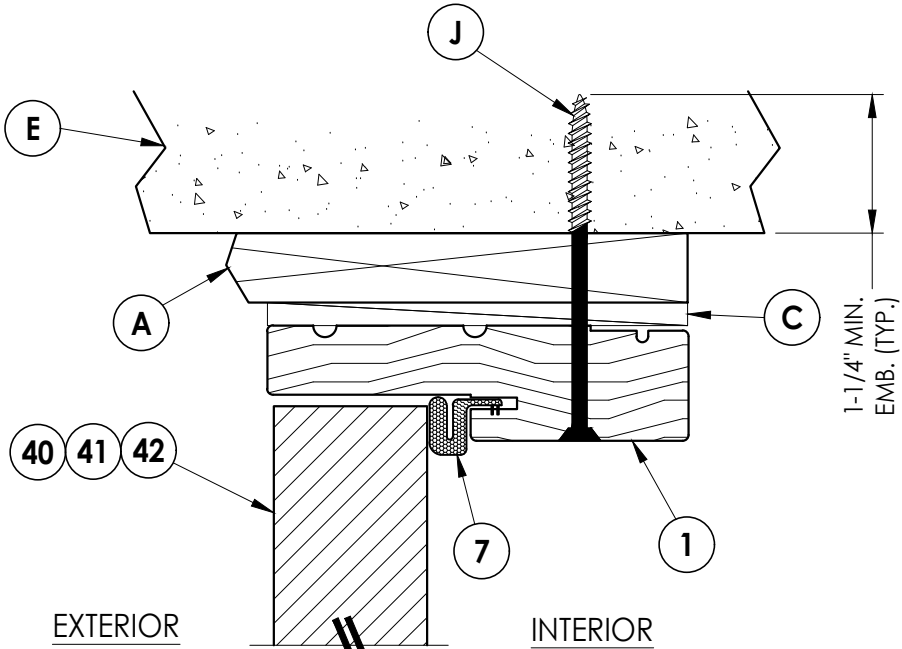
- Notes:
- 1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
 - 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



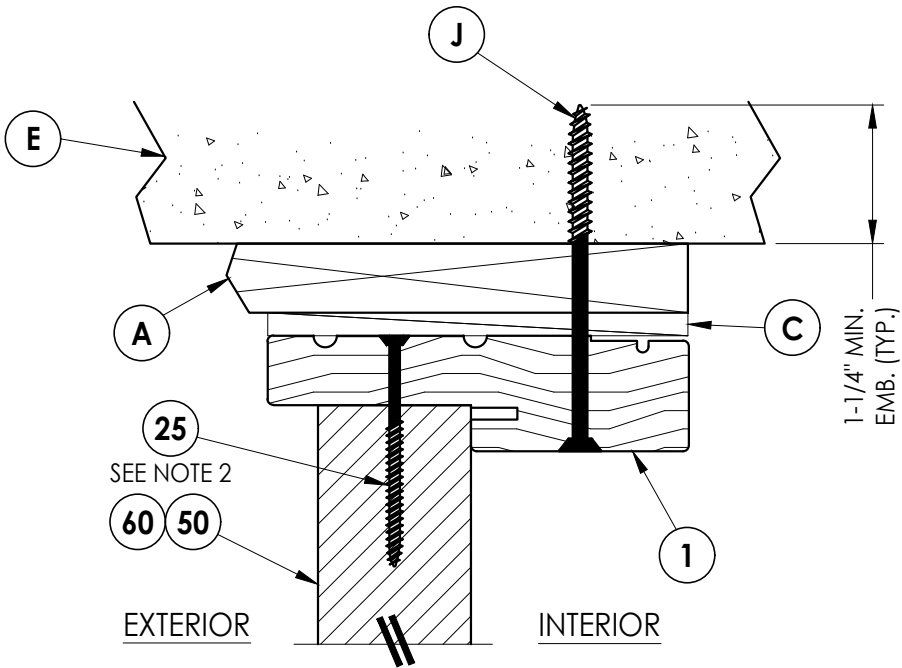
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



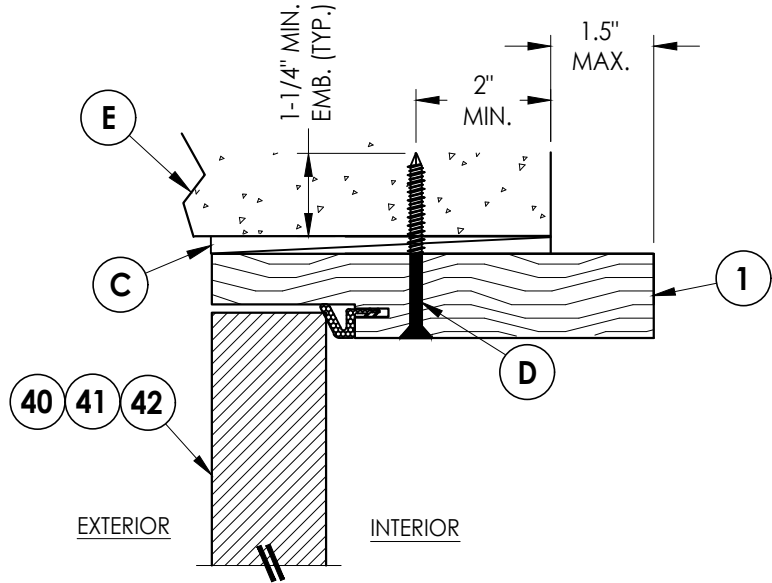
3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					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)				
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			BY					
REVISIONS									
DATE: 07/07/17									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-21133.7									
SHEET 6 OF 14									

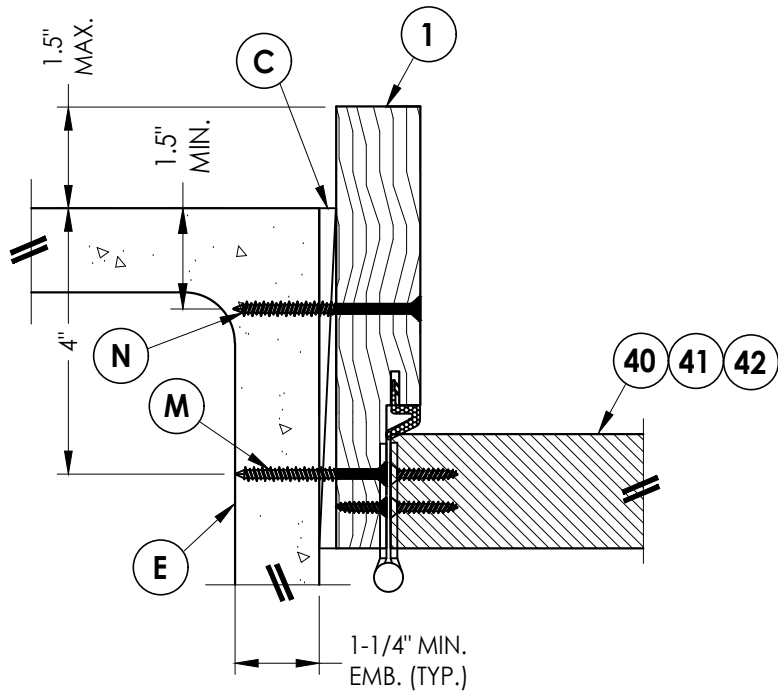
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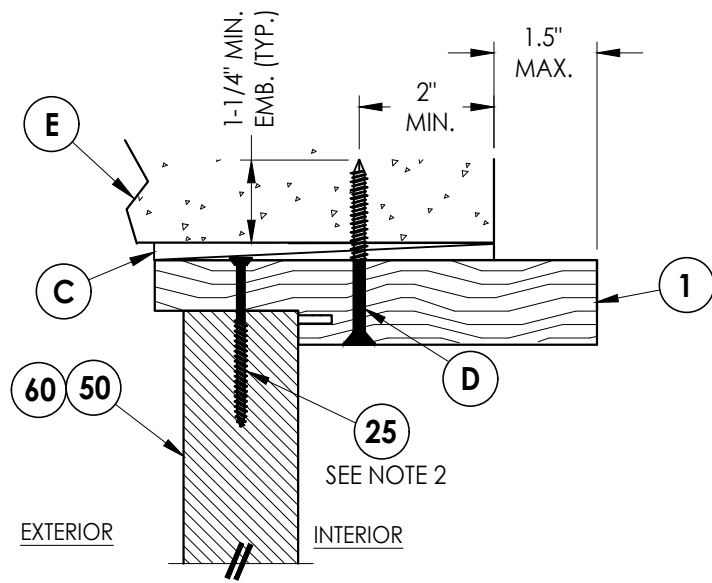
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7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Notes:

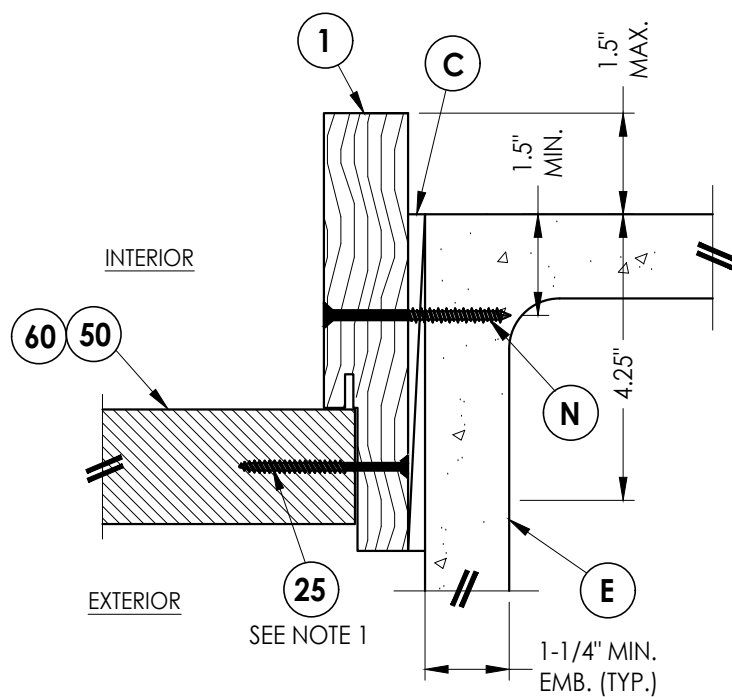
1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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



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



4
7 **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
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

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

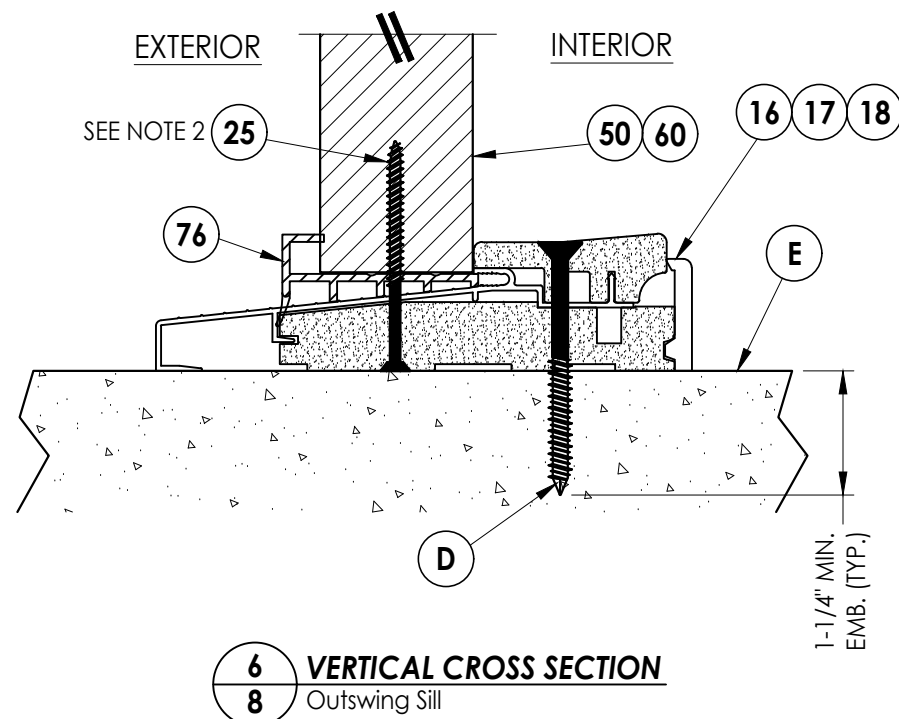
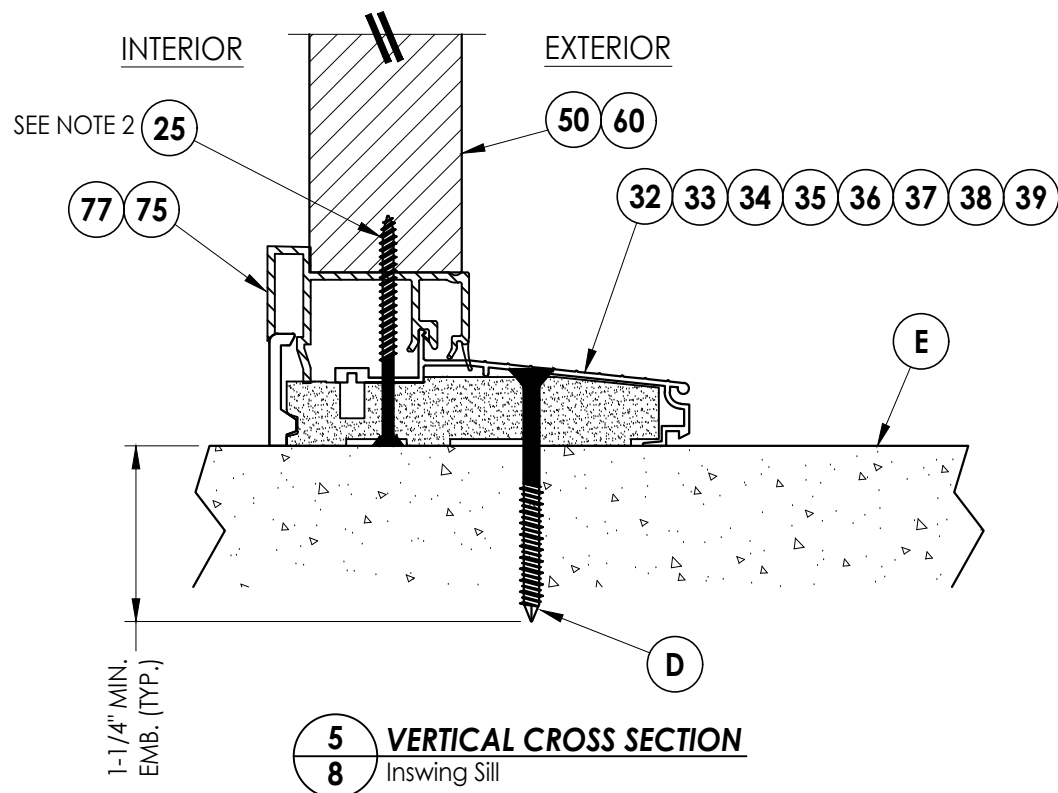
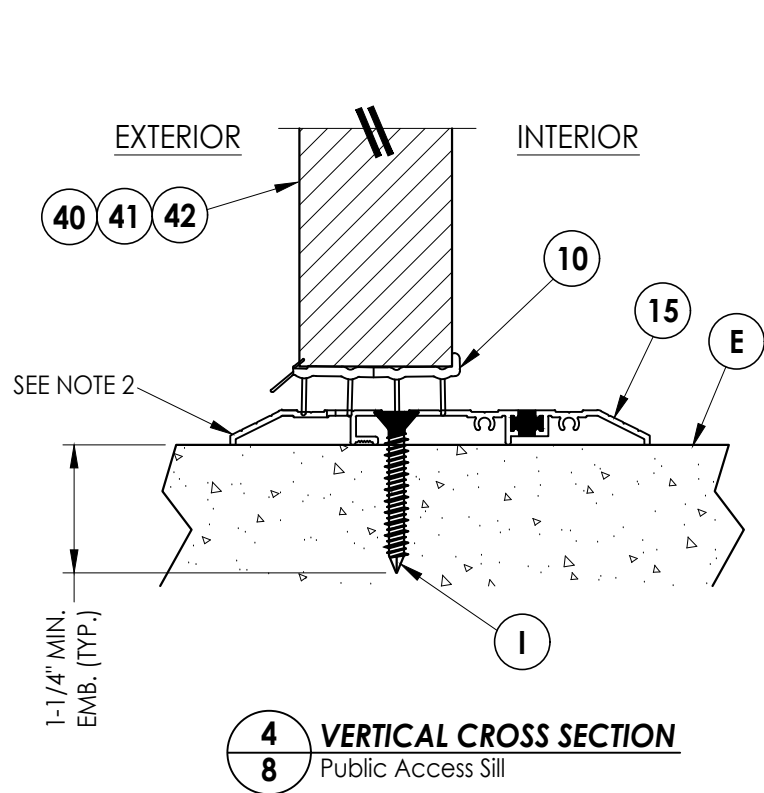
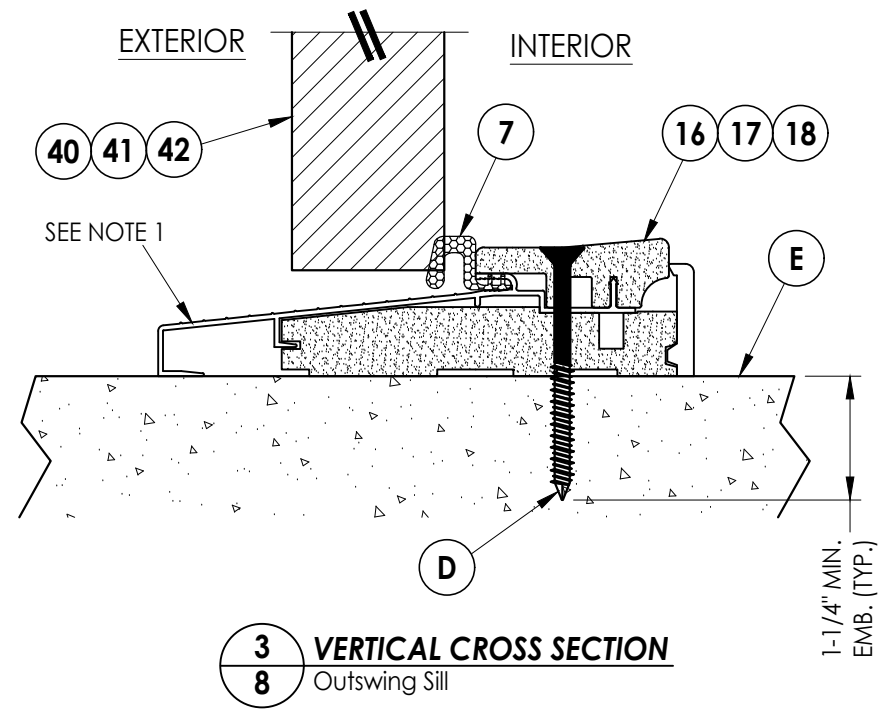
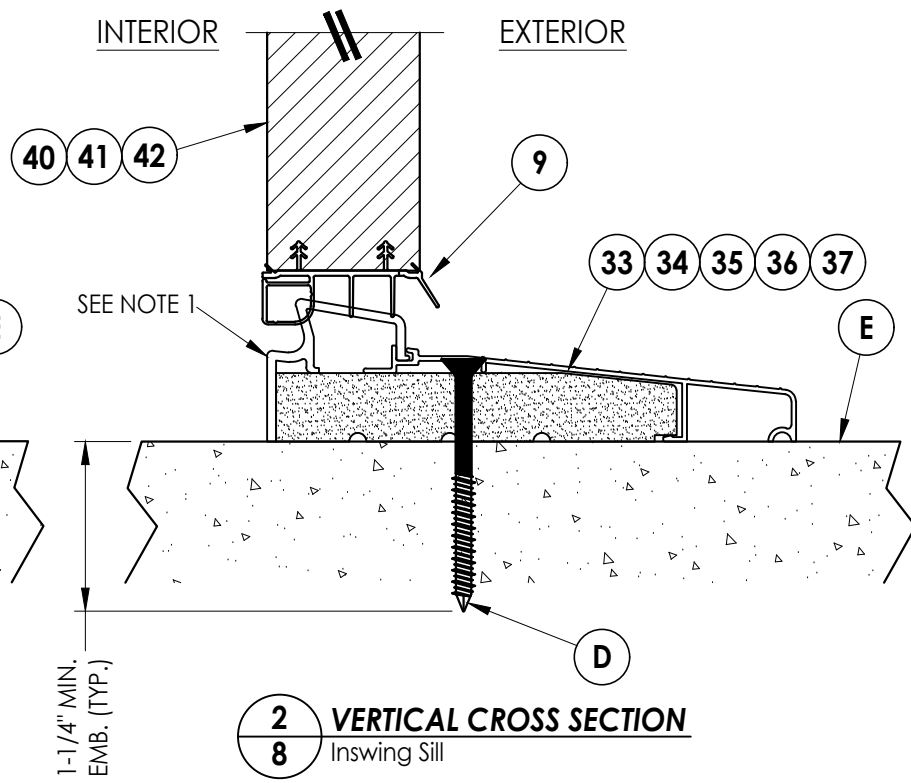
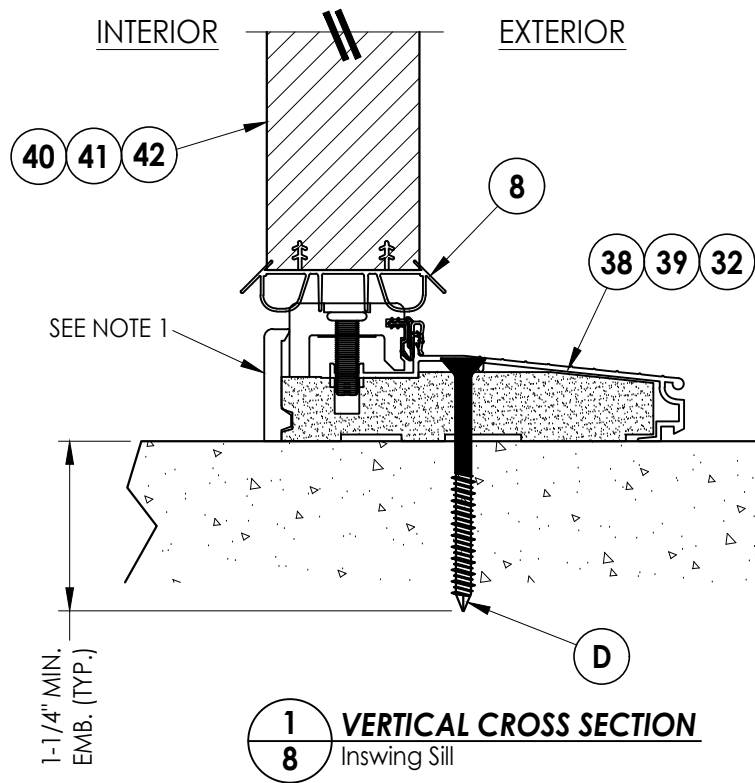
DRAWING NO.: FL-21133.7

SHEET 7 OF 14

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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:
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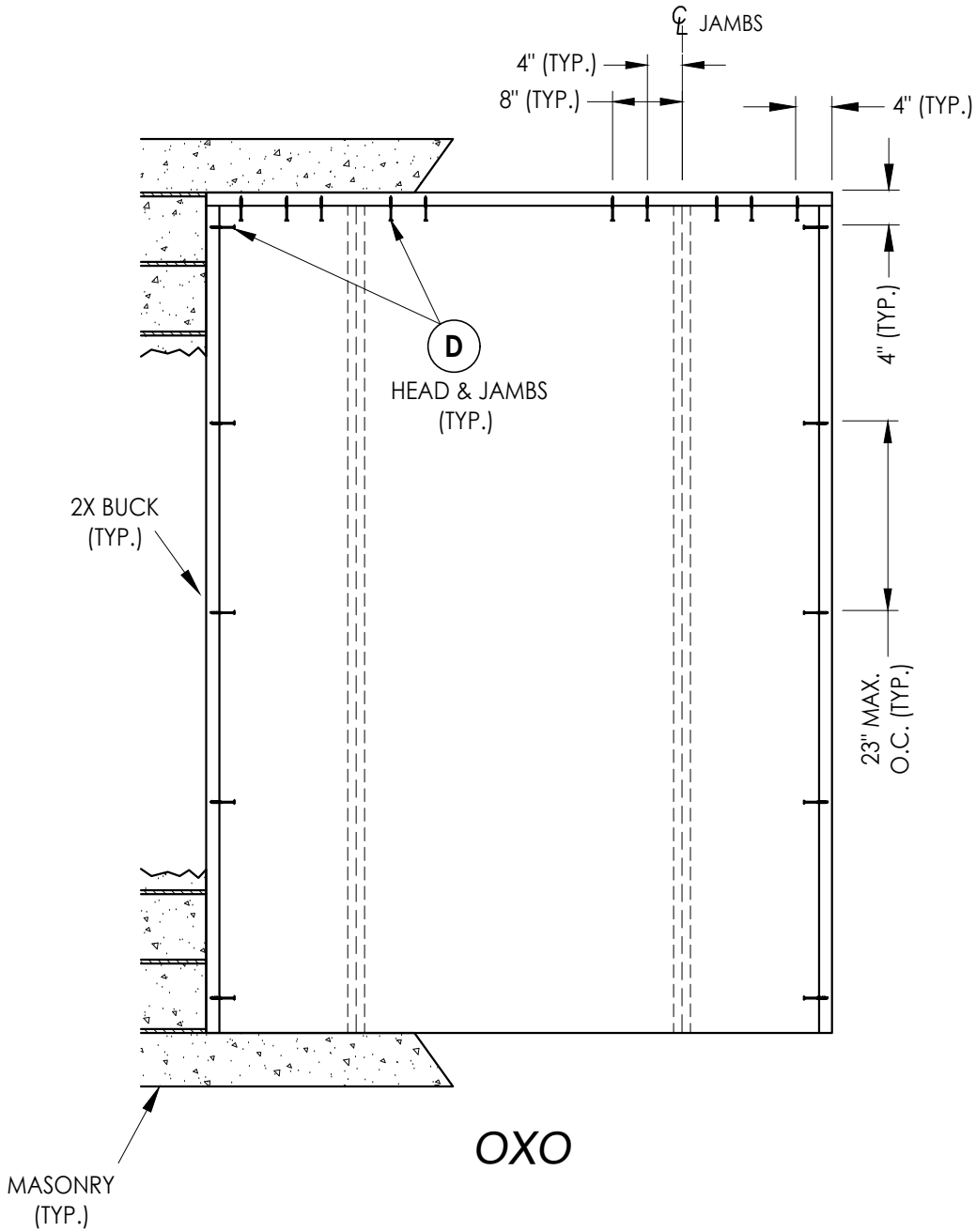
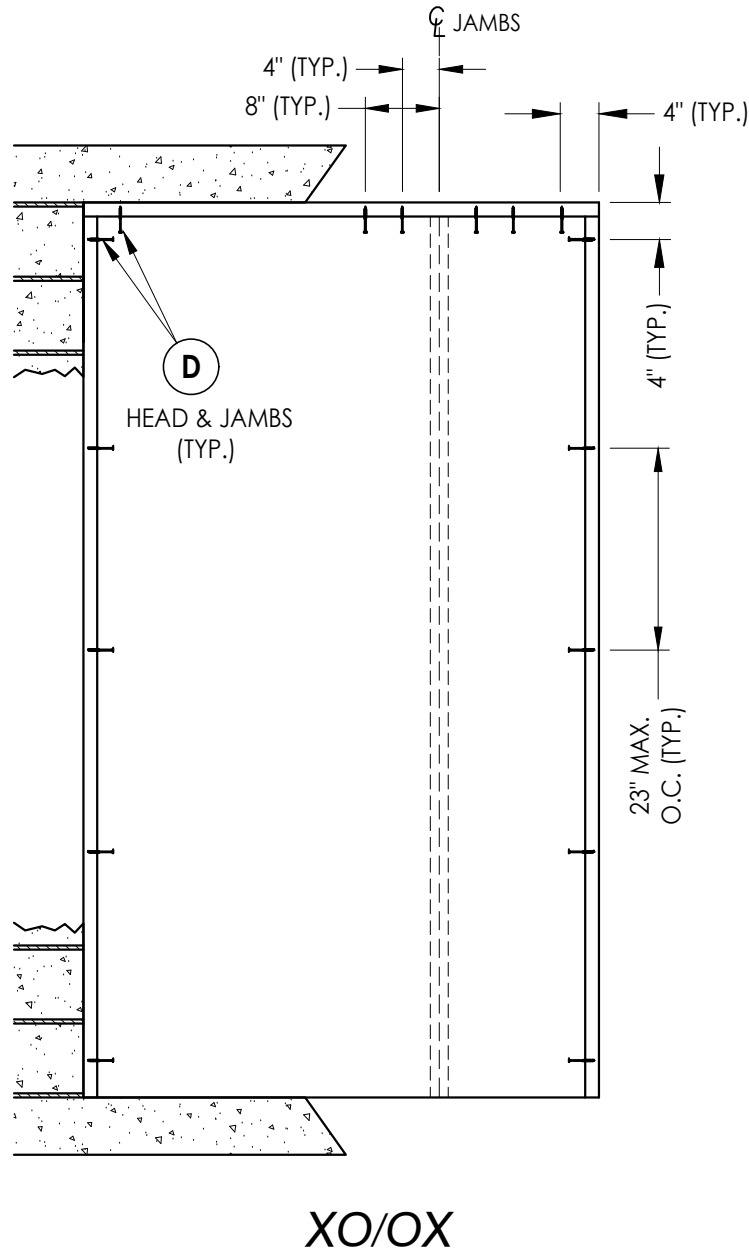
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
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 8 OF 14

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2X BUCK ANCHORING

NO.	DATE	REVISIONS			
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			
				BY	

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.7

SHEET 9 OF 14

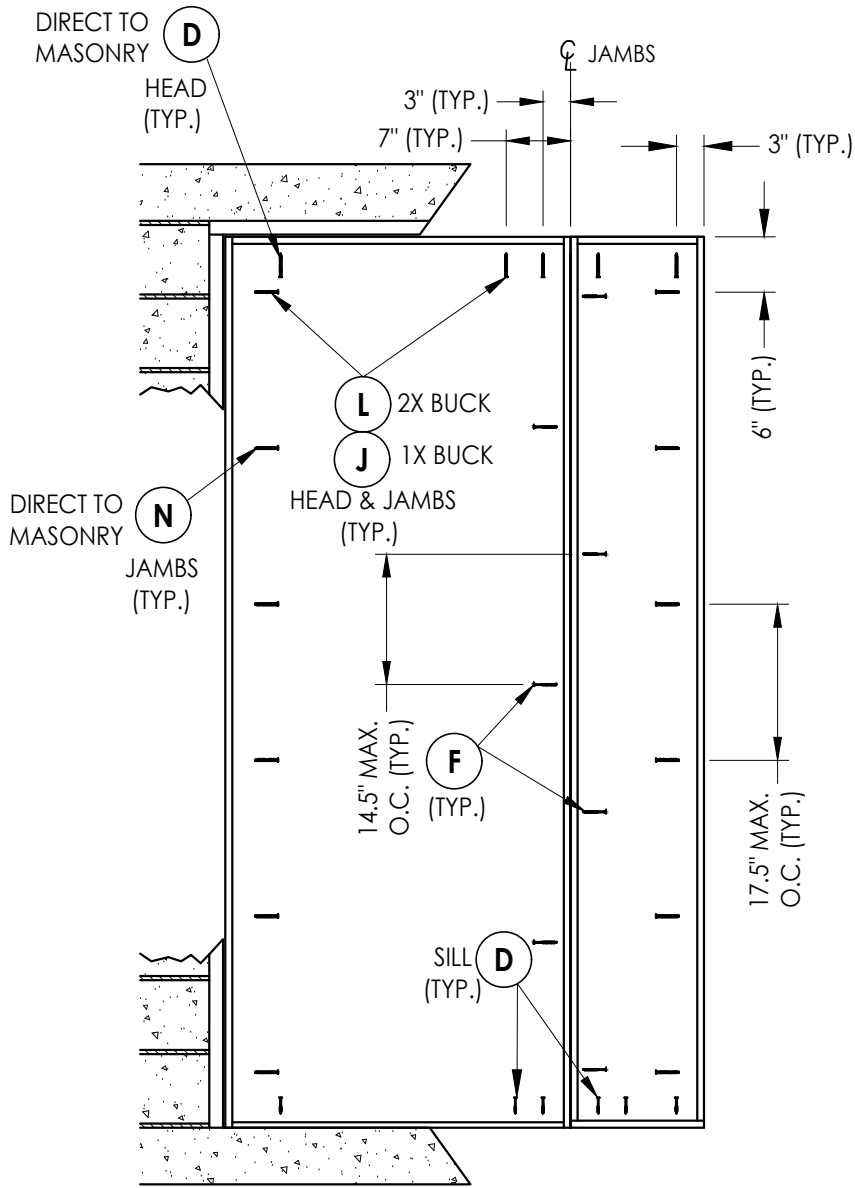
PRODUCT:	THERMA-TRU FIBERGLASS DOOR
	PART OR ASSEMBLY: BUCK ANCHORING

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

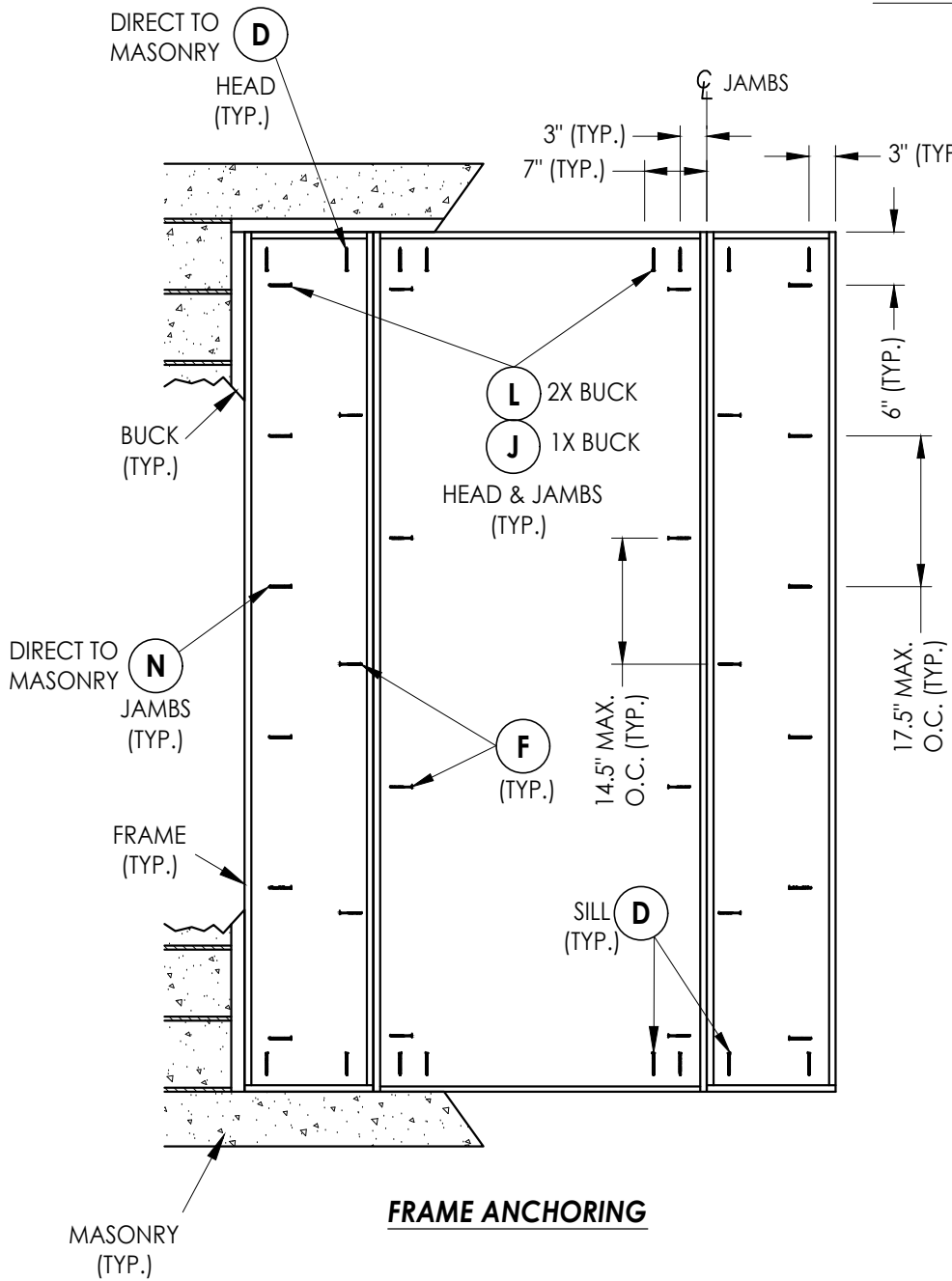
RW

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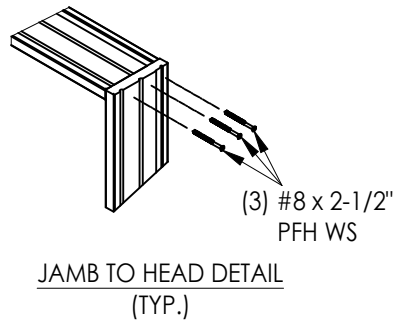
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FRAME ANCHORING



FRAME ANCHORING



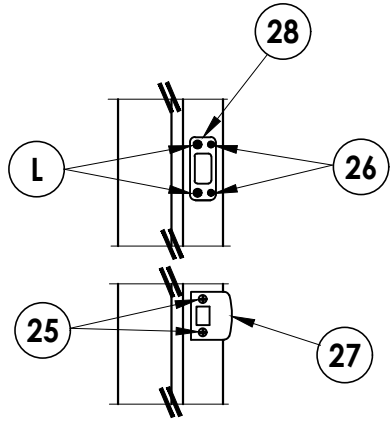
NO.	DATE	REVISIONS			
		BY	JK	MT	LFS
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	PO	LFS
3	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO	LFS
2	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT	LFS
1	10/15/17	ADD DEADBOLT 5-1/2" O. C. & RECESSED PANEL NOTATION	JK	JK	LFS

DATE:	07/07/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21133.7
SHEET	10 OF 14

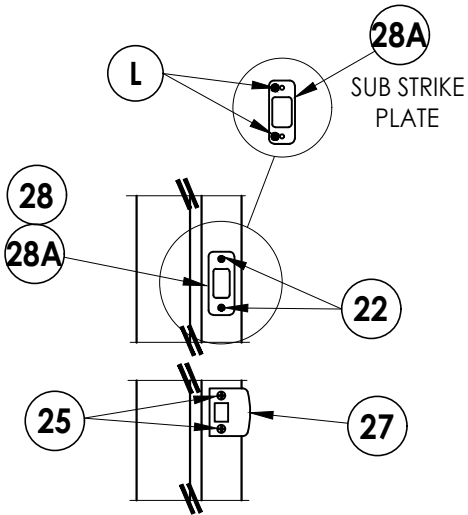
PRODUCT:	Therma-Tru FIBERGLASS DOOR
PART OR ASSEMBLY:	FRAME ANCHORING

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

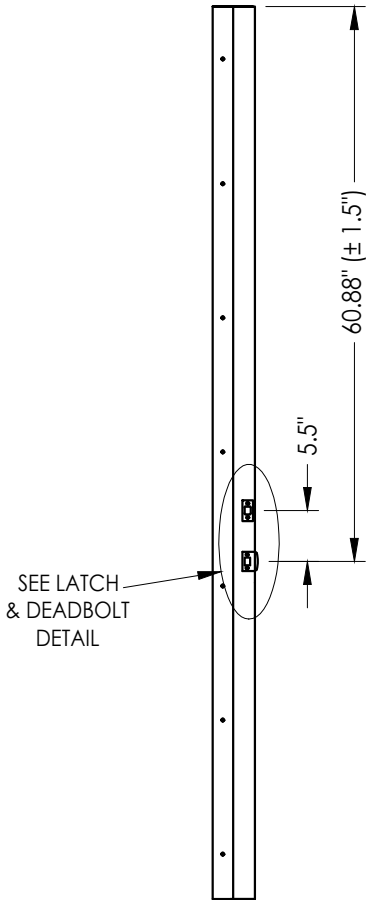
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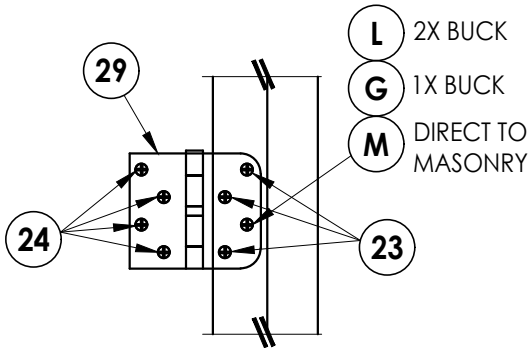
LATCH & DEADBOLT DETAIL
Kwikset



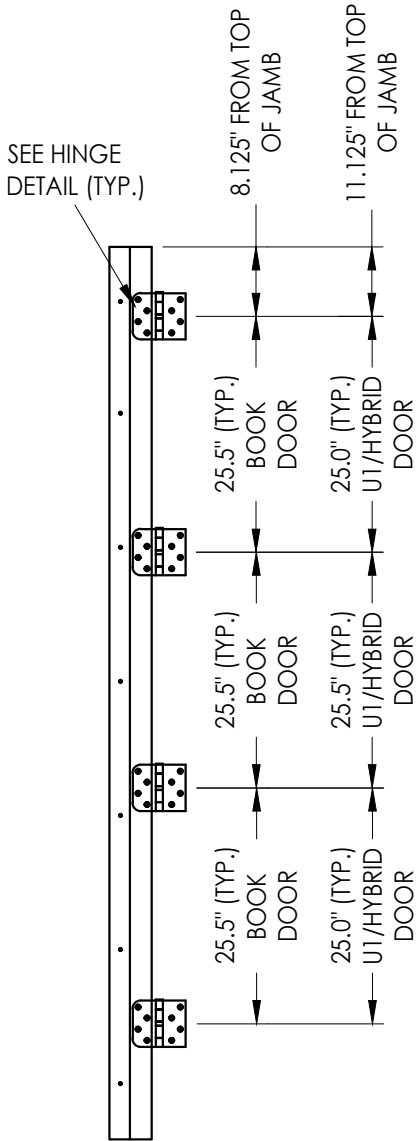
LATCH & DEADBOLT DETAIL
Schlage



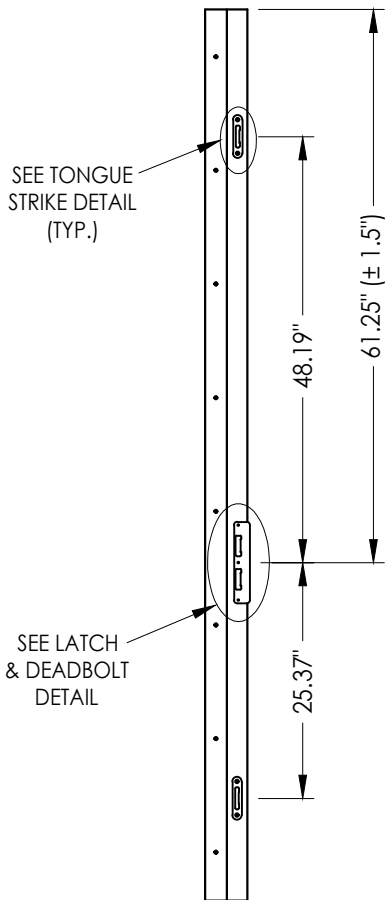
STRIKE JAMB
Latch and Deadbolt



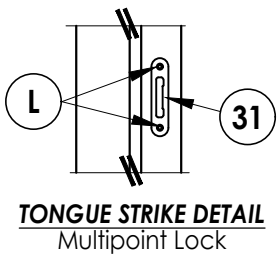
HINGE DETAIL



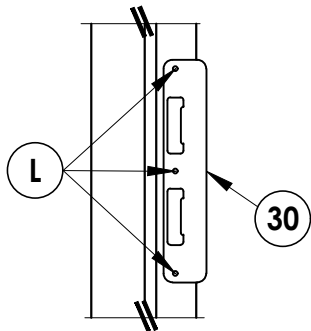
HINGE JAMB



STRIKE JAMB
Multipoint Lock



TONGUE STRIKE DETAIL
Multipoint Lock



LATCH & DEADBOLT DETAIL
Multipoint Lock

MULTIPOINT LOCK STRIKE DETAILS

LATCH & DEADBOLT STRIKE DETAILS

NO.	DATE	REVISIONS			
		NO.	DATE	BY	
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			

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-21133.7

SHEET 11 OF 14

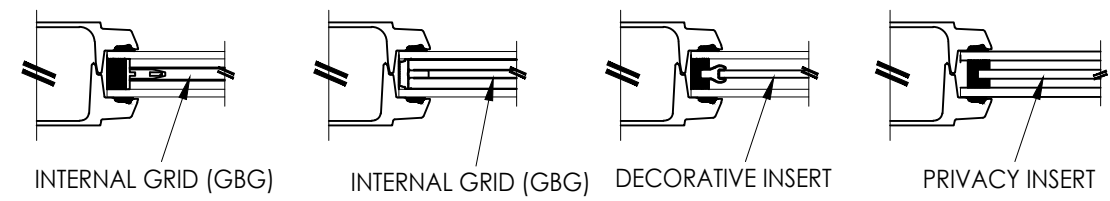
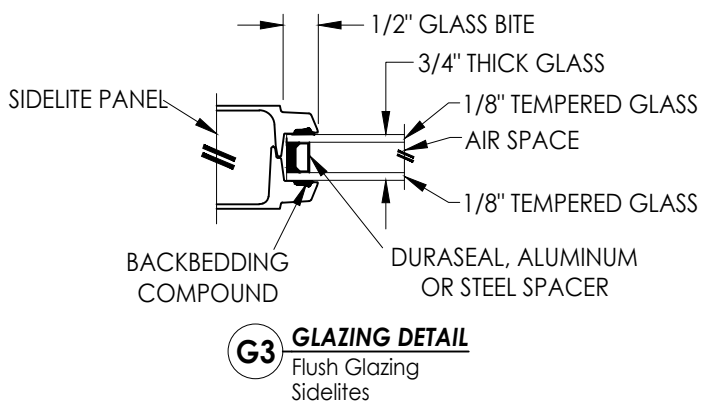
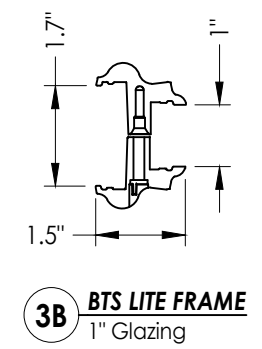
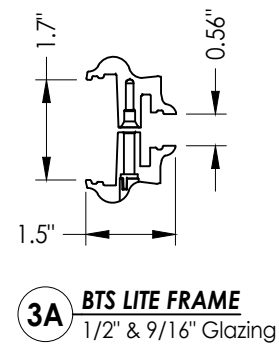
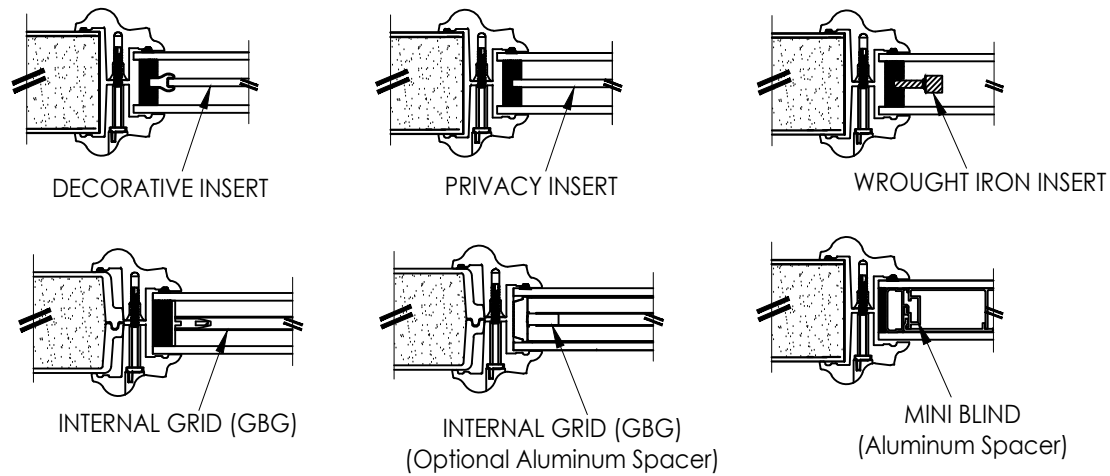
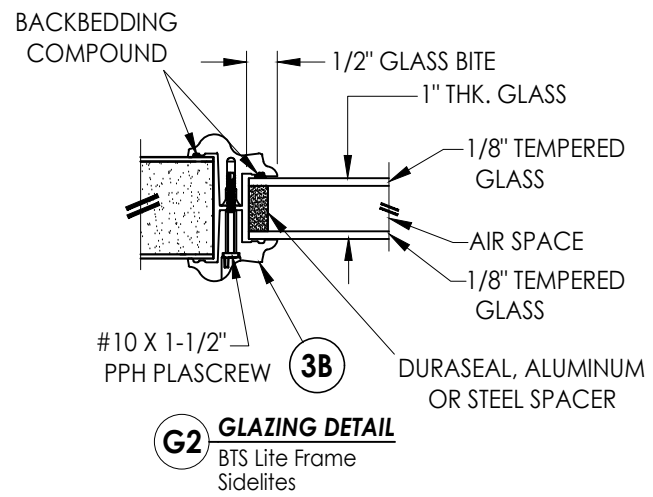
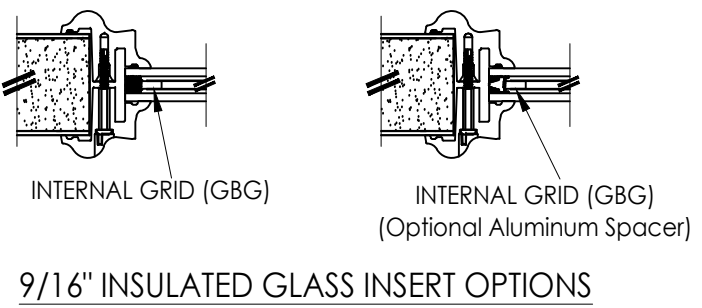
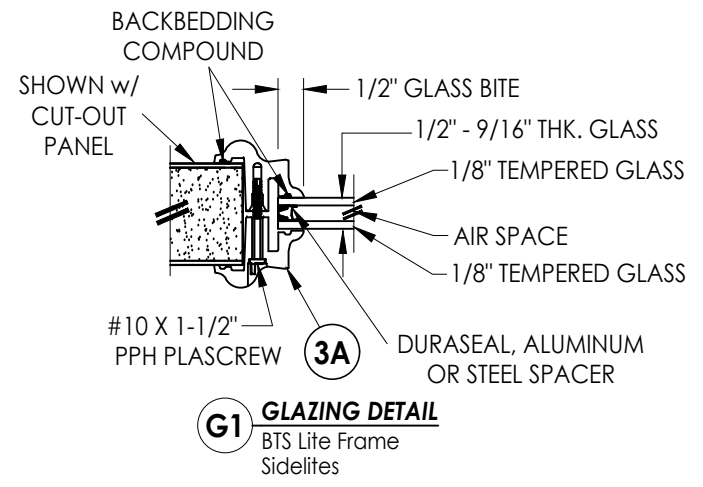
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HARDWARE DETAILS

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

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FBPE Registry No. 9813

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

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

GLAZING DETAILS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.7

SHEET 12 OF 14

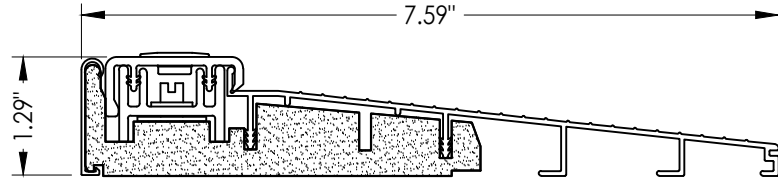
REVISIONS

NO.	DATE	REVISIONS
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

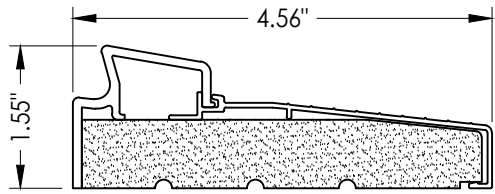
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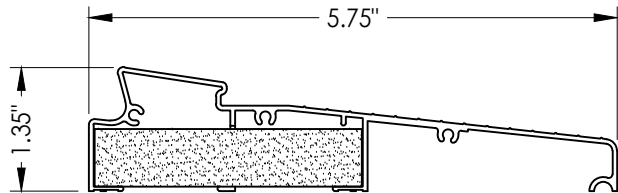
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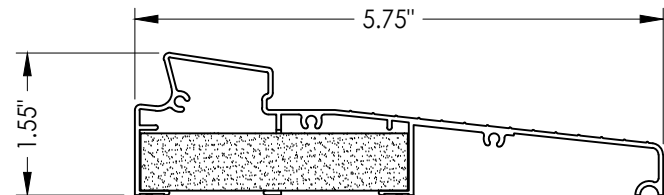
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



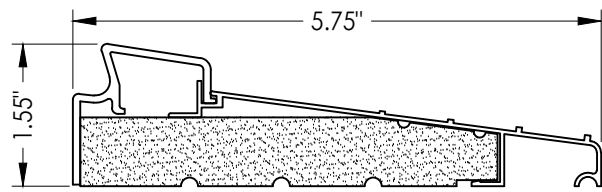
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



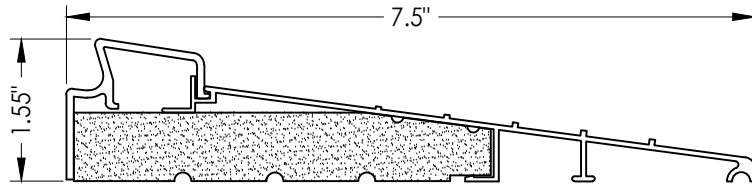
34 INSWING THRESHOLD
Inswing Moderate Climate Sill 1-3/8"



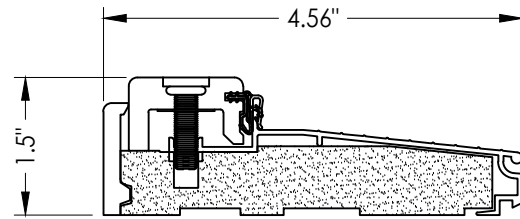
35 INSWING THRESHOLD
Inswing Moderate Climate Sill



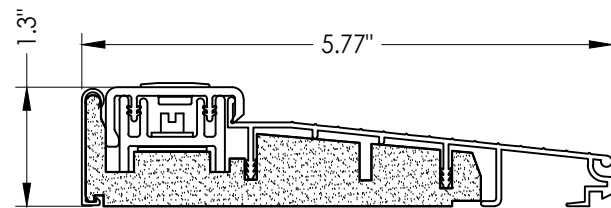
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



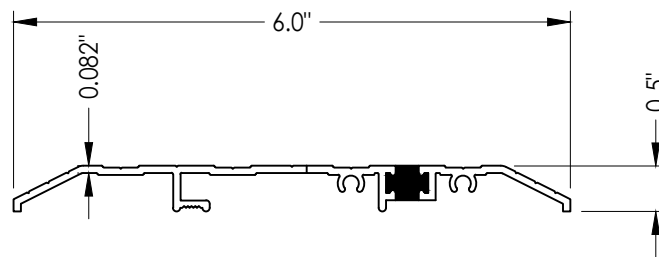
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



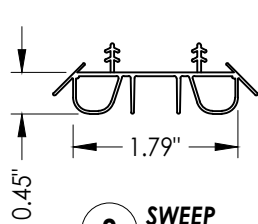
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



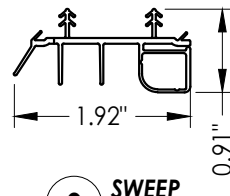
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



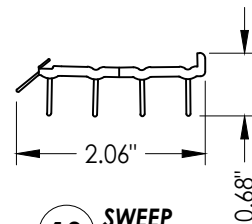
15 PUBLIC ACCESS THRESHOLD



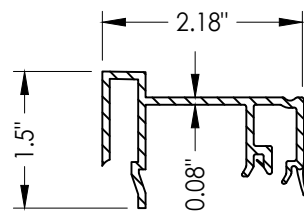
8 SWEEP



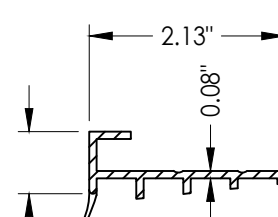
9 SWEEP



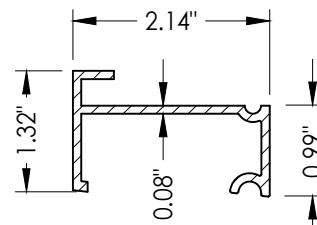
10 SWEEP



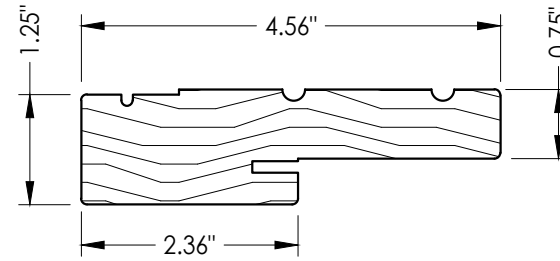
75 SIDELITE SPACER
Inswing



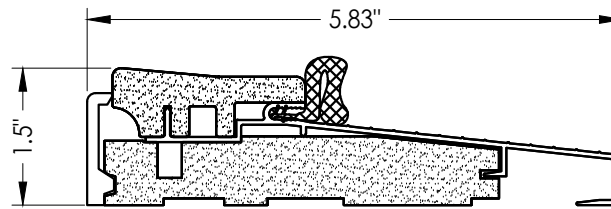
76 SIDELITE SPACER
Outswing



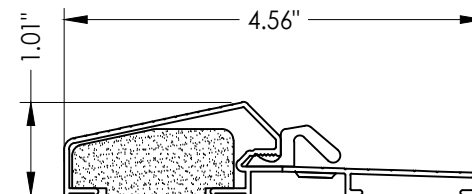
77 SIDELITE SPACER
Inswing Moderate Climate Threshold



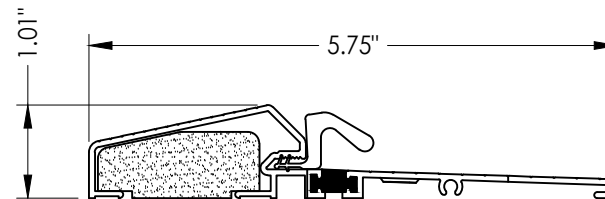
1 WOOD JAMB



16 OUTSWING THRESHOLD
Composite Sill



17 OUTSWING THRESHOLD
Composite / Aluminum Sill



18 OUTSWING THRESHOLD
Composite / Aluminum Sill (Thermal Break)

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			
		BY	DATE	DESCRIPTION	REVISIONS
4	8/23/23	LFS		UPDATE TO 8TH ED. (2023) FBC	
3	7/16/20	PO		UPDATE TO 7th ED (2020) FBC	
2	10/10/18	MT		REV. DOOR PANEL OPTION NOTE	
1	10/15/17	JK		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 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			

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS

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 14 OF 14

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FBPE Registry No. 9813

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