

Z:\2023 FBC Drawings\Therma-Tru\FL-21133 R12\FL-21133.9-11.dwg

Therma-Tru® DOORS

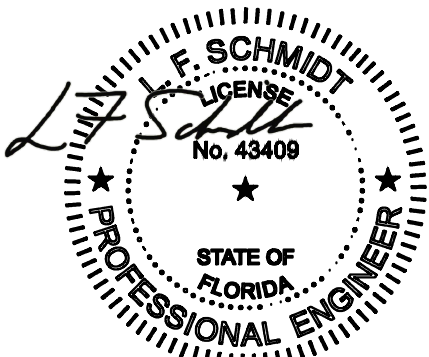
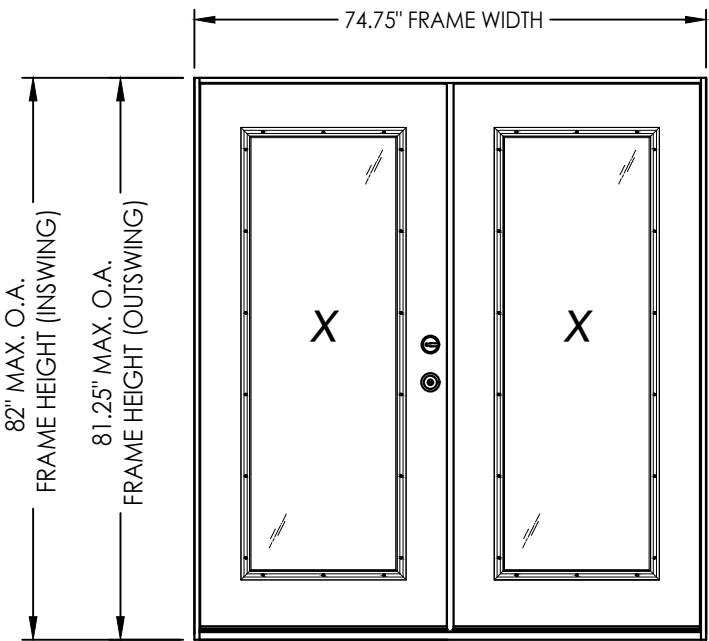
Fiber-Classic® & Smooth-Star®

WOOD EDGE GLAZED FIBERGLASS DOUBLE DOOR w/ or w/out SIDELITES 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. 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.

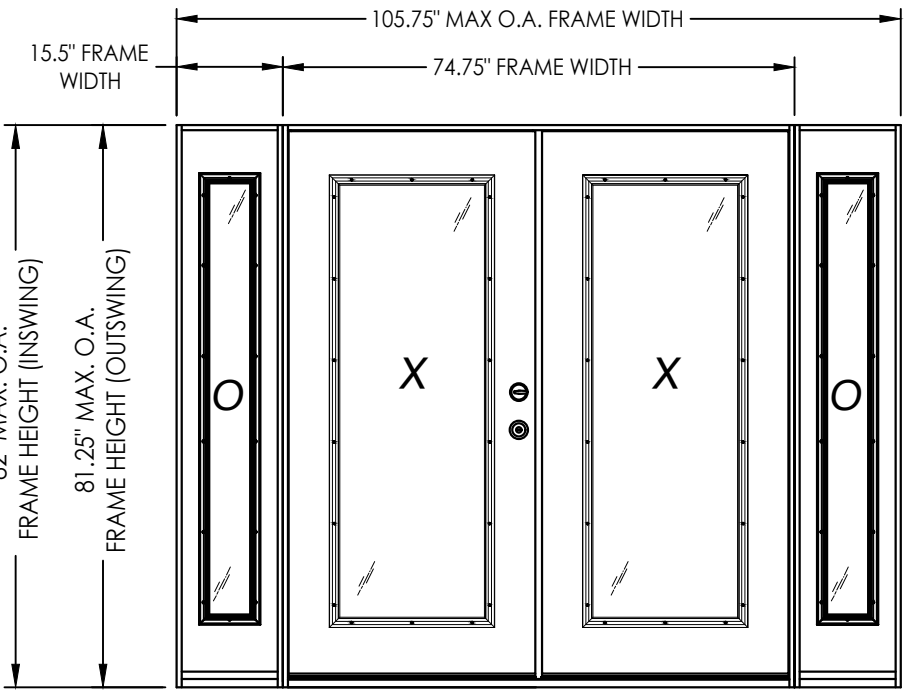
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7	Horizontal & Vertical Cross Sections (1X Buck)	15	Bill of Materials
8	Horizontal & Vertical Cross Sections (Direct to Masonry)		



Digitally signed by Lyndon F Schmidt
Date: 2026.08.06 14:51:15 -04'00'

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

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	ASTRAGAL	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX, OXXO	STANDARD	+40.0	-40.0	+40.0	-40.0
XX, OXXO	COASTAL	+50.0	-50.0	+50.0	-50.0

See Sheet 5 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

REVISIONS			
NO.	DATE		BY
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
4	7/16/20	UPDATE TO 7th ED (2020)	PO
3	10/10/18	REV. DOOR PANEL OPTION NOTE	MT
2	3/10/18	REVISE FLUSH GLAZING	RW
1	11/15/17	RECESSED PANEL NOTATION	JK

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

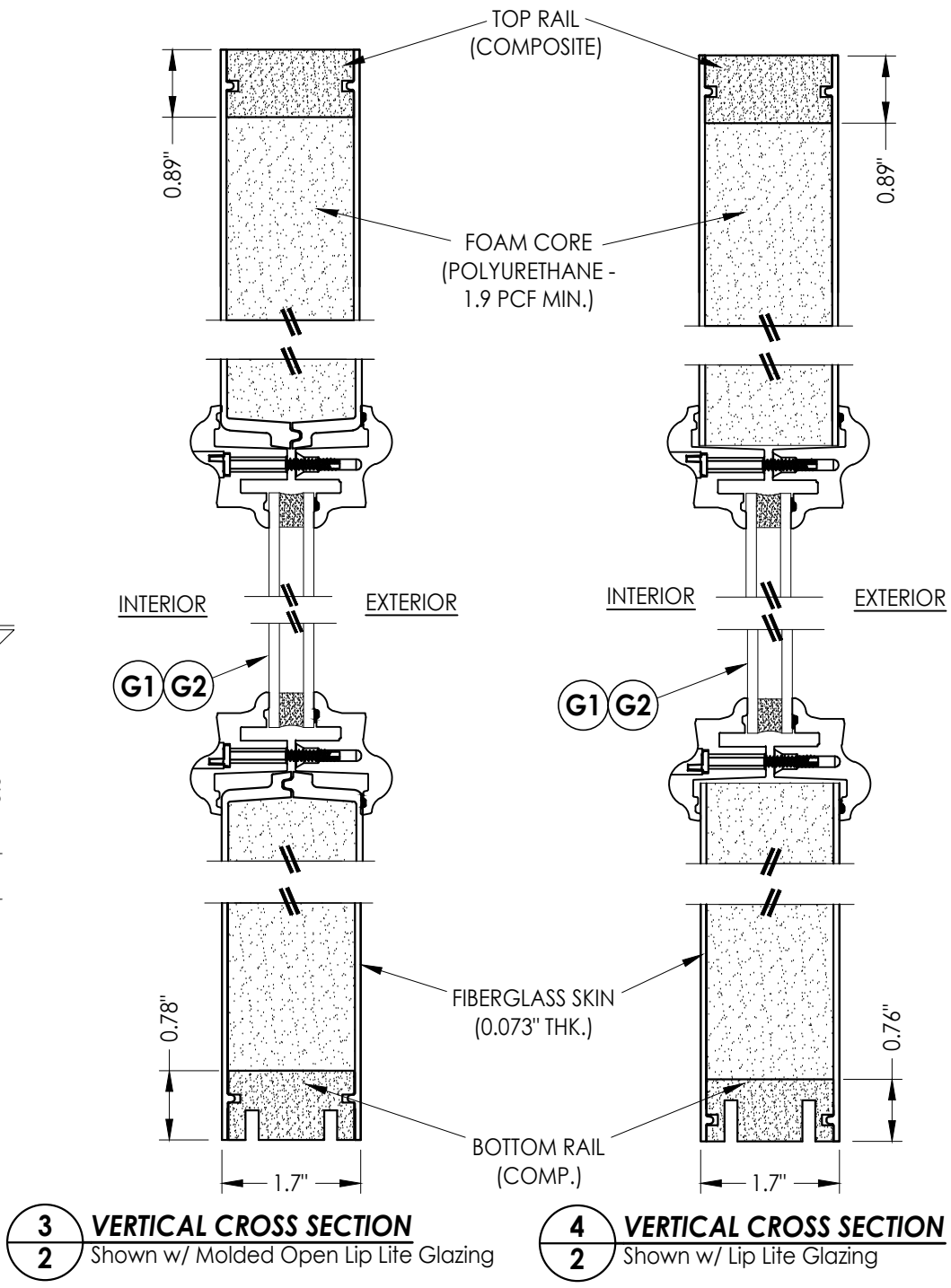
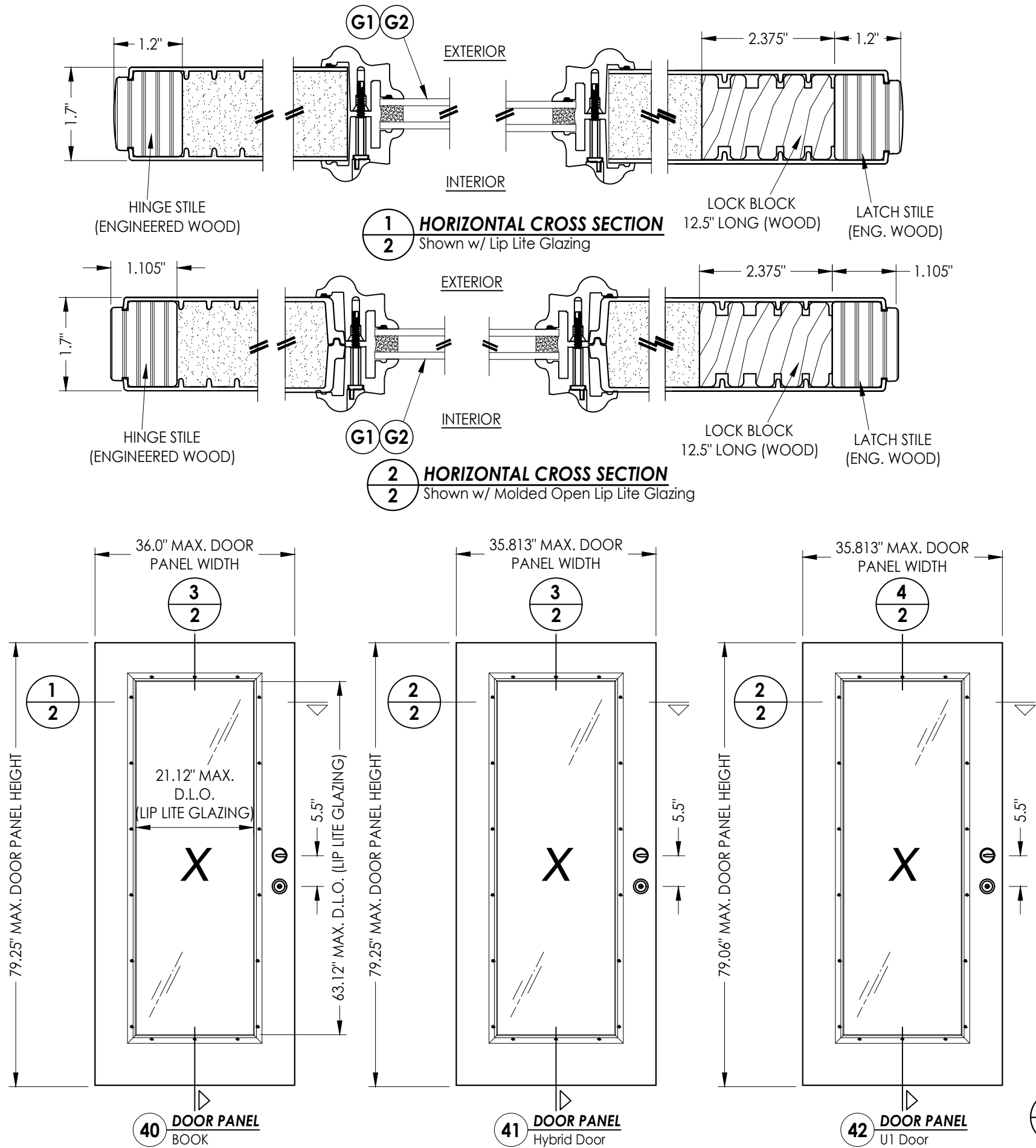
CHK. BY: LFS

DRAWING NO.:

FL-21133.11

SHEET 1 OF 15

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

LFS	FBC	(2026)	UPDATE TO	9TH ED.	NO.	DATE
6	7/02/26	7/02/26	UPDATE TO	9TH ED.	7	07/07/17
5	8/23/23	8/23/23	UPDATE TO	8TH ED.	6	07/07/17
4	7/16/20	7/16/20	UPDATE TO	7TH ED.	5	07/07/17
3	10/10/18	10/10/18	REV. DOOR PANEL OPTION	NOTE	4	07/07/17
2	3/10/18	3/10/18	REVISE FLUSH GLAZING		3	07/07/17
1	11/15/17	11/15/17	RECESSED PANEL NOTATION		2	07/07/17
NO.	DATE					

DATE: 07/07/17

SCALE: N.T.S.

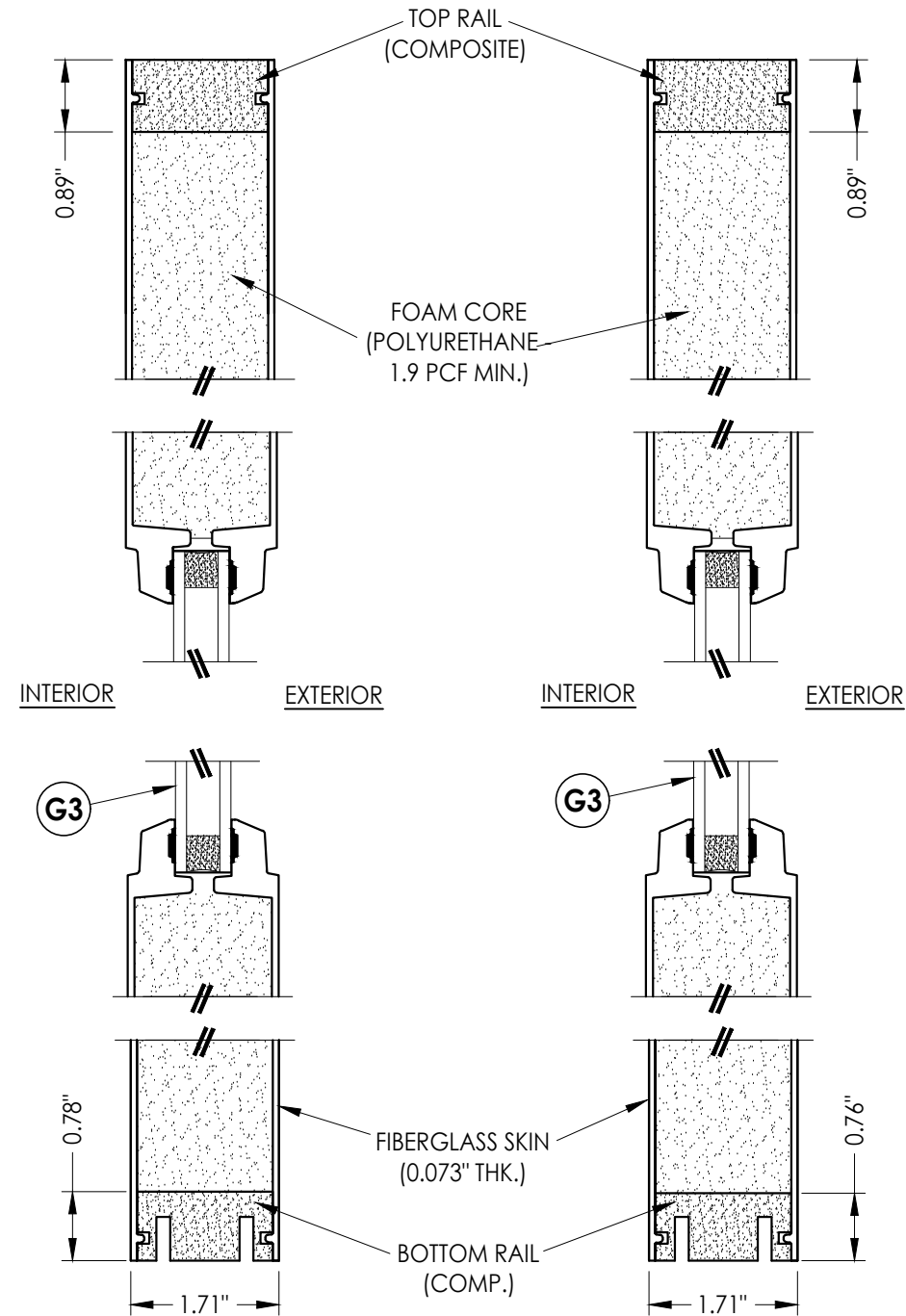
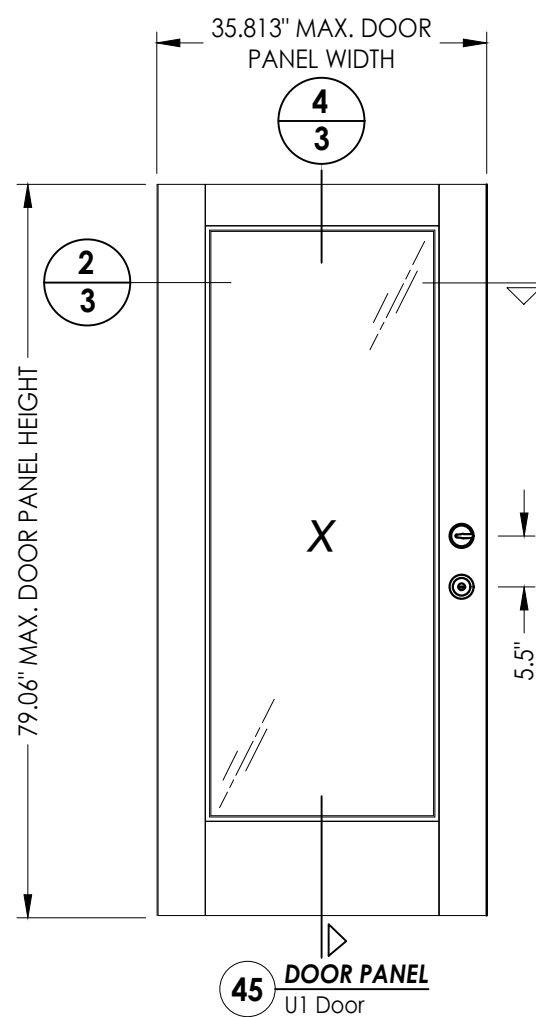
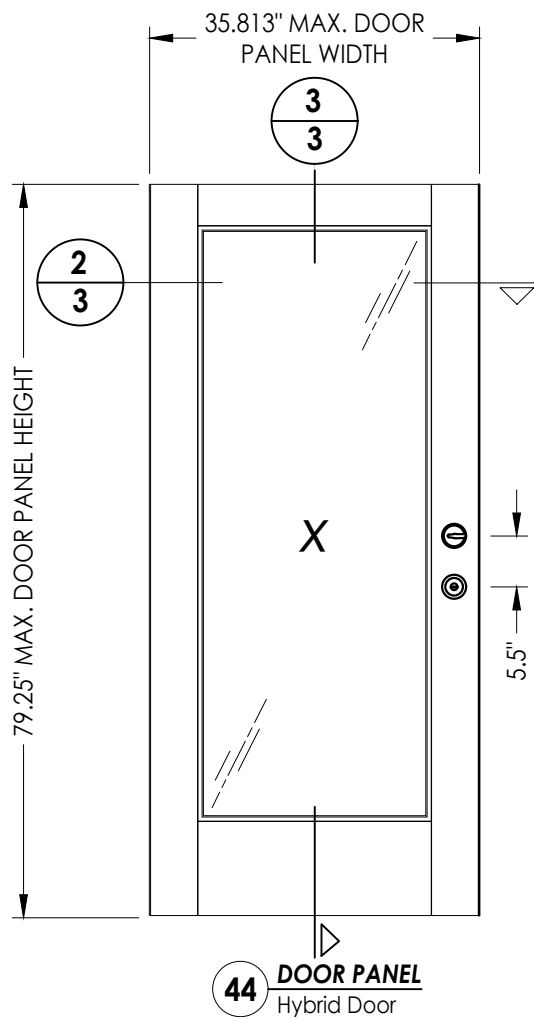
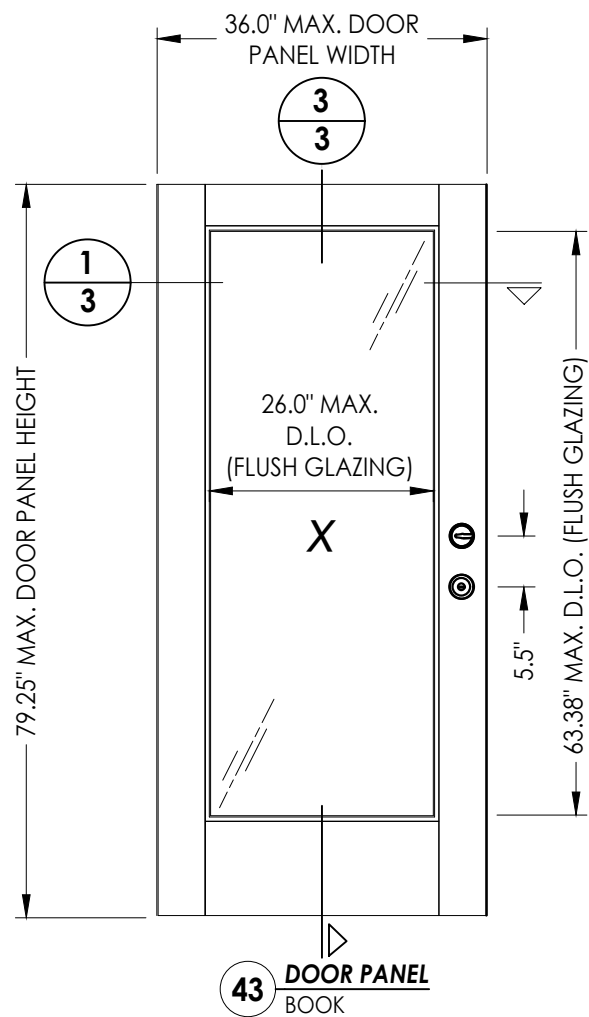
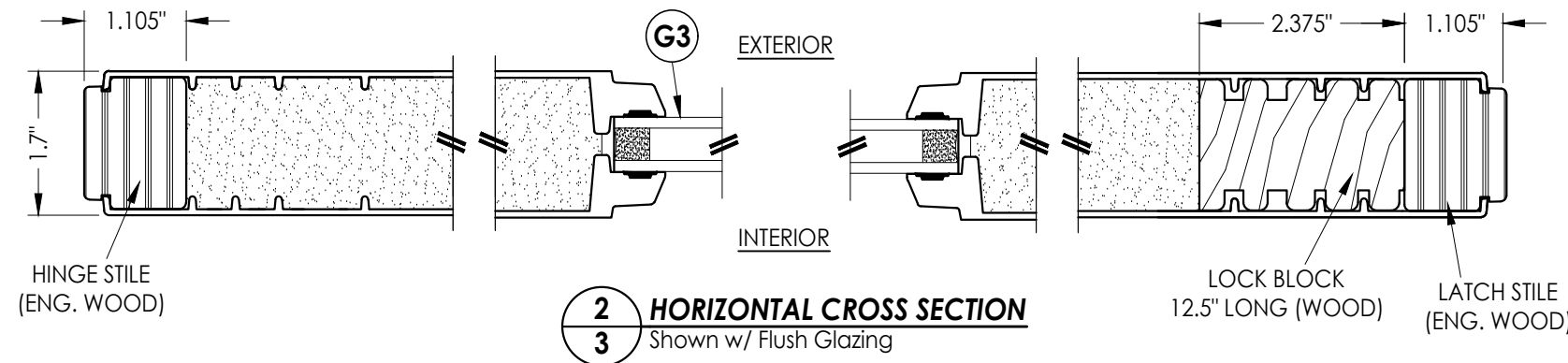
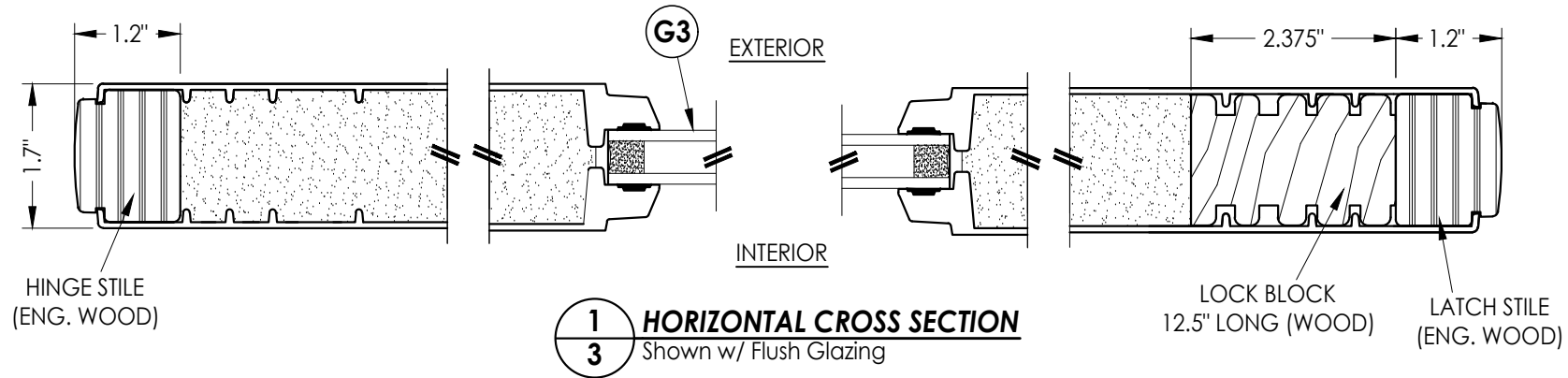
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.11

SHEET 2 OF 15

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
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1	11/15/17	RECESSED PANEL NOTATION
NO.	DATE	REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

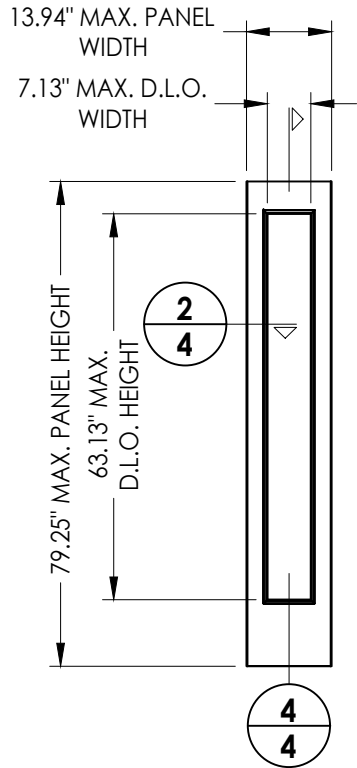
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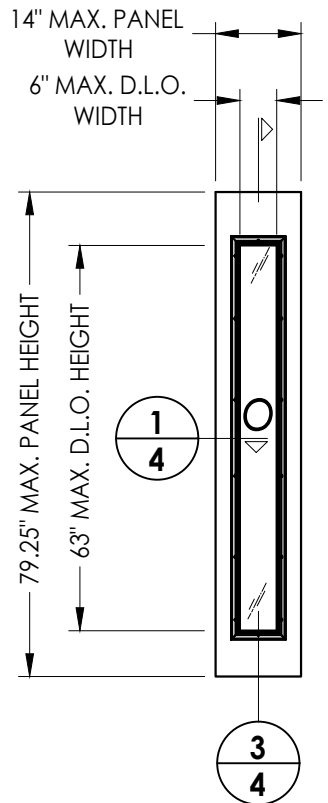
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SHEET 3 OF 15

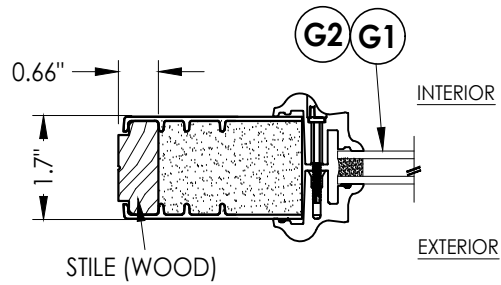
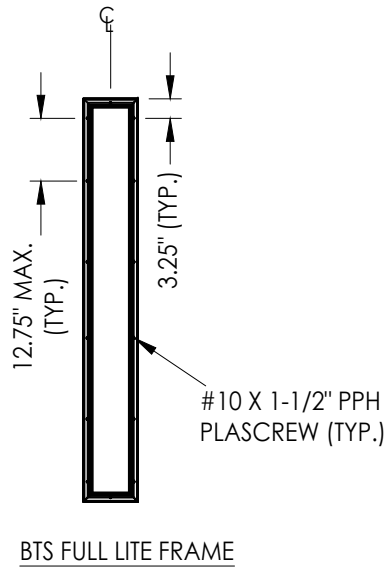
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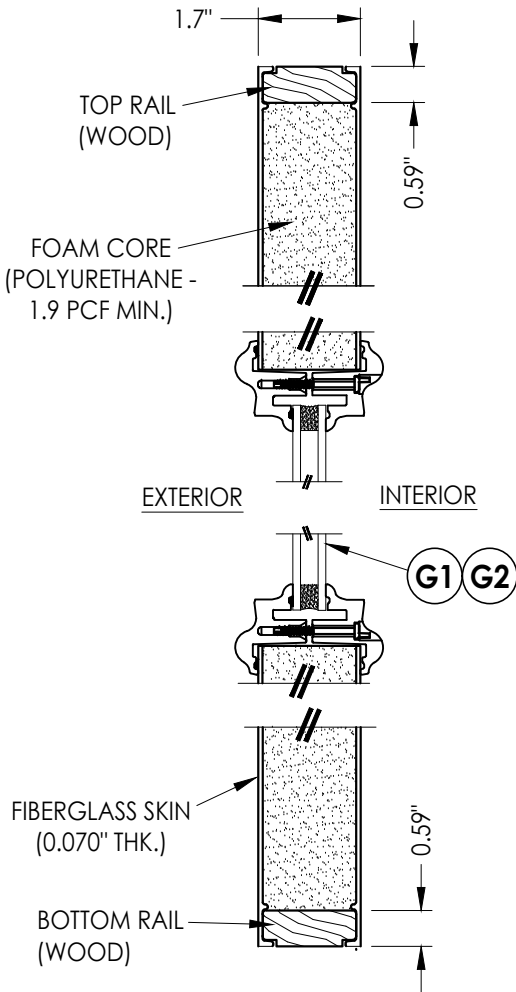
60 SIDELITE PANEL
Full Lite
Flush Glazed



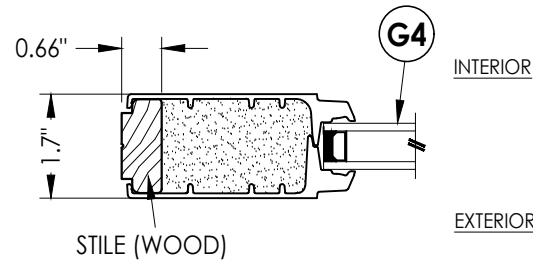
50 SIDELITE PANEL
Full Lite
Lip Lite



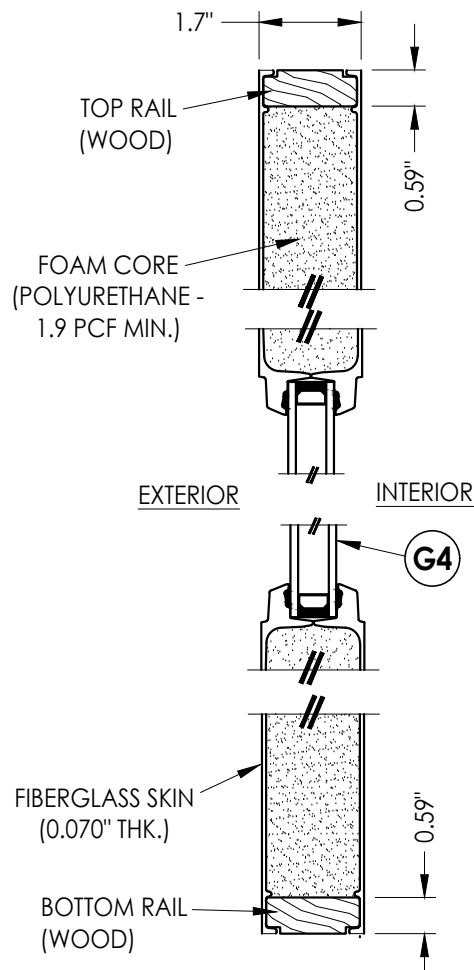
1/4 HORIZONTAL CROSS SECTION
Lip Lite Glazing



3/4 VERTICAL CROSS SECTION
Lip Lite Glazing Shown



2/4 HORIZONTAL CROSS SECTION
Flush Glazing



4/4 VERTICAL CROSS SECTION
Flush Glazing Shown

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PRODUCT:
THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	7/16/20	UPDATE TO 7th ED (2020) FBC PO
3	10/10/18	REV. DOOR PANEL OPTION MT
2	3/10/18	REVISE FLUSH GLAZING RW
1	11/15/17	RECESSED PANEL NOTATION JK

DATE: 07/07/17

SCALE: N.T.S.

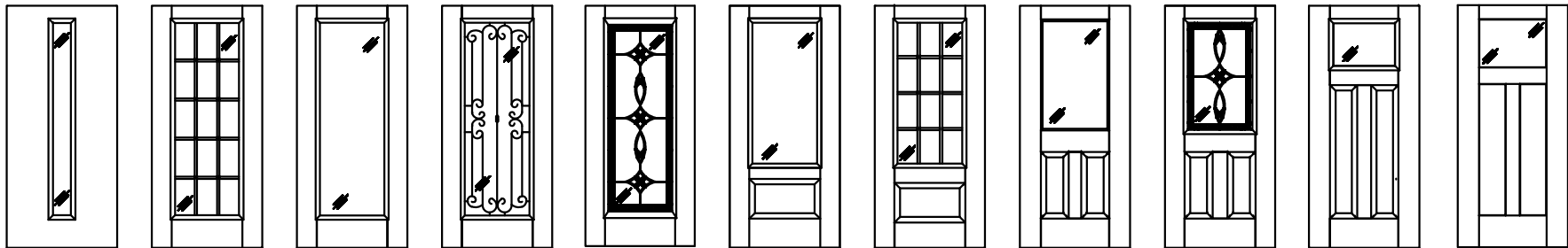
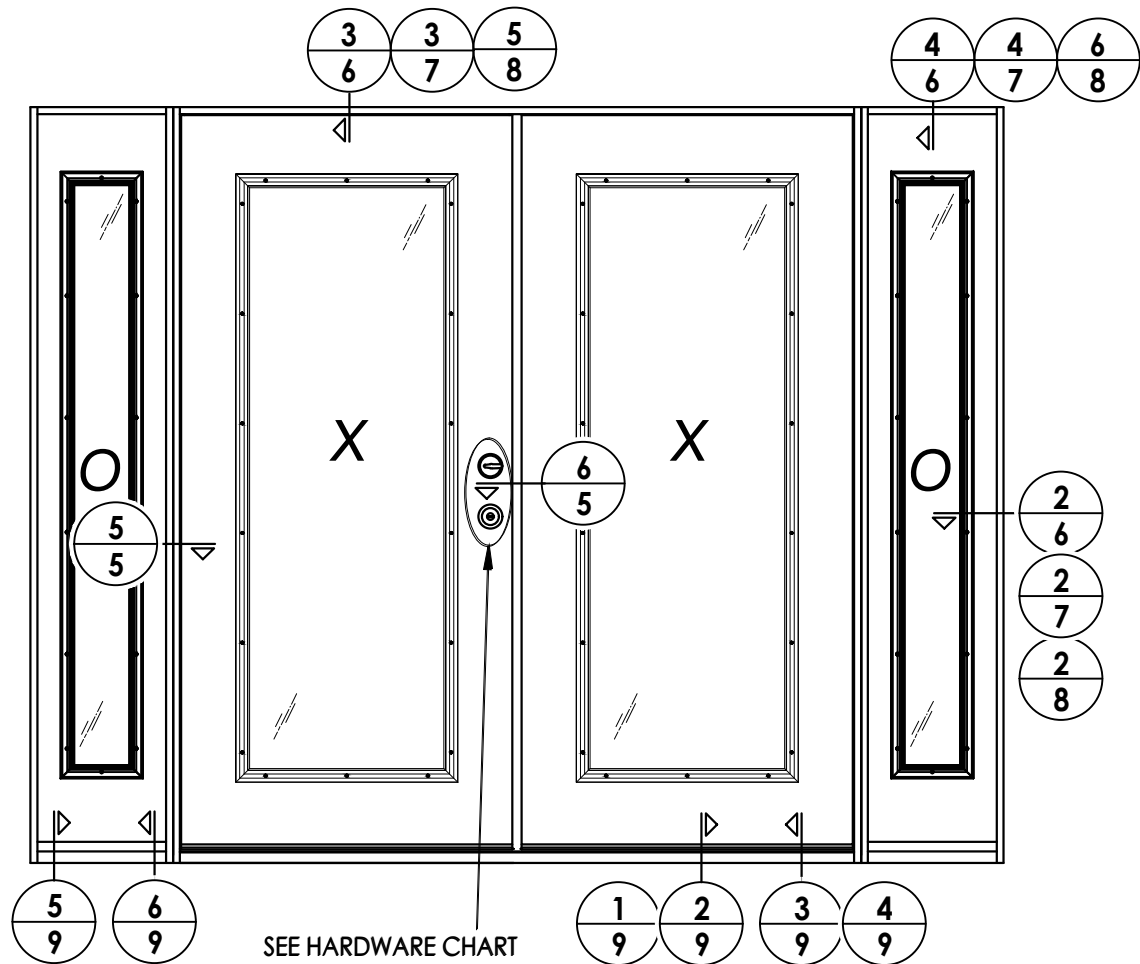
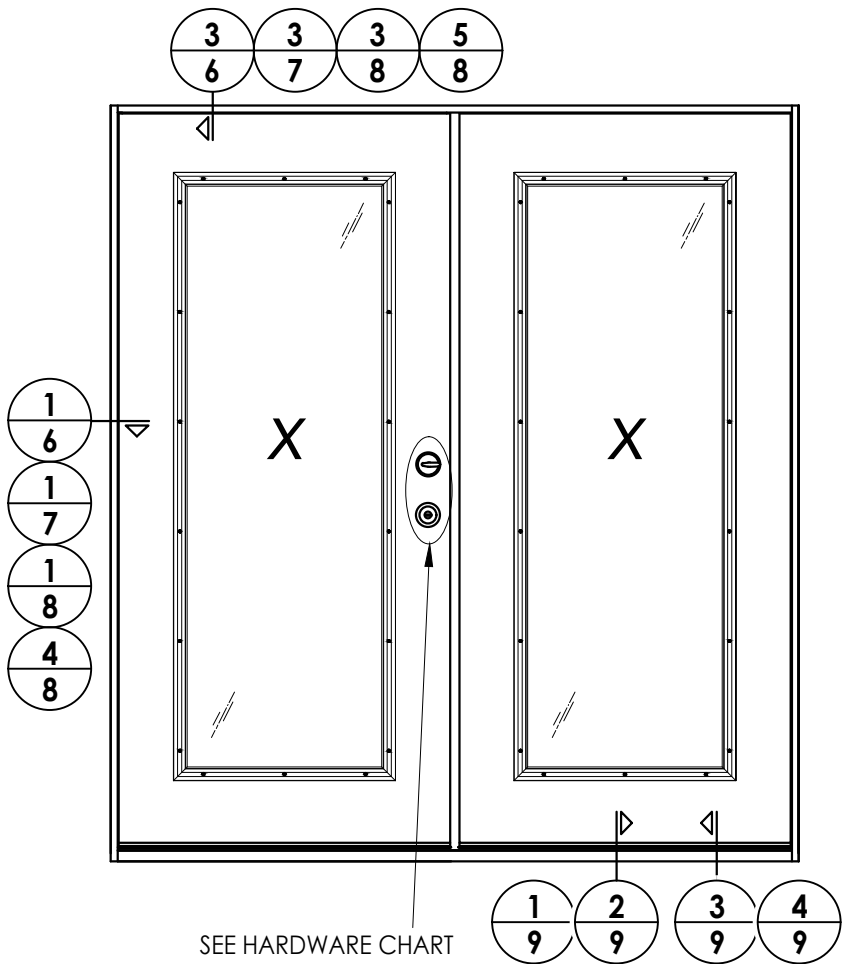
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.11

SHEET 4 OF 15

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Fiber-Classic/Smooth-Star Door Panel Options

Products approved include all embossed panel doors and 2 panel recessed panel doors.
Similar glazed panel configurations are allowed.
Panels shown are for illustration and are representative only.

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

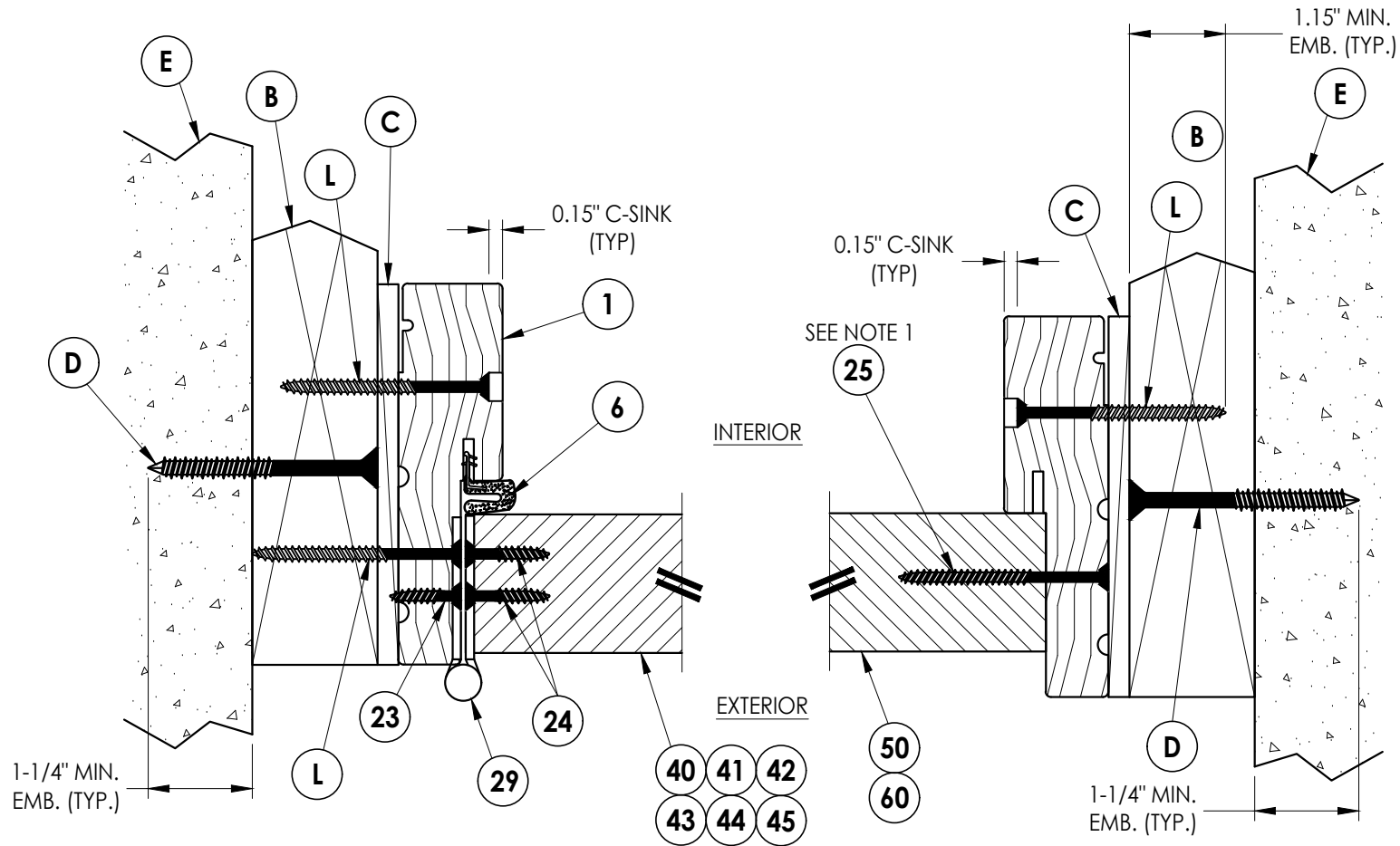
LFS	DATE		BY
	NO.	DATE	
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5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
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1	11/15/17	RECESSED PANEL NOTATION	JK
REVISIONS			

DATE: 07/07/17	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-21133.11	
SHEET 5 OF 15	

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

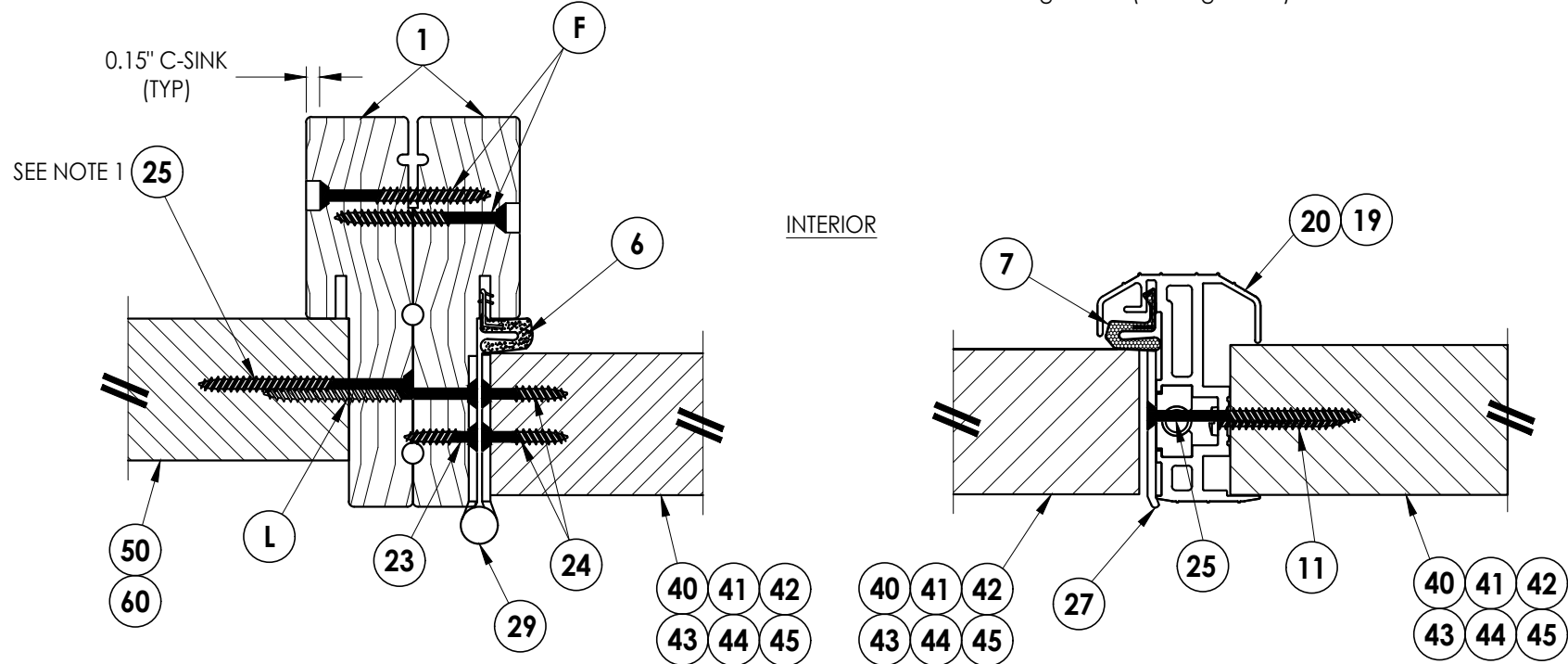
Documents Prepared By:	
Lyndon F. Schmidt P.E. No. 43409	
BUILDING CONSULTANTS, INC.	
P.O. Box 230, Valrico, FL 33595	
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FBPE Registry No. 9813	

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

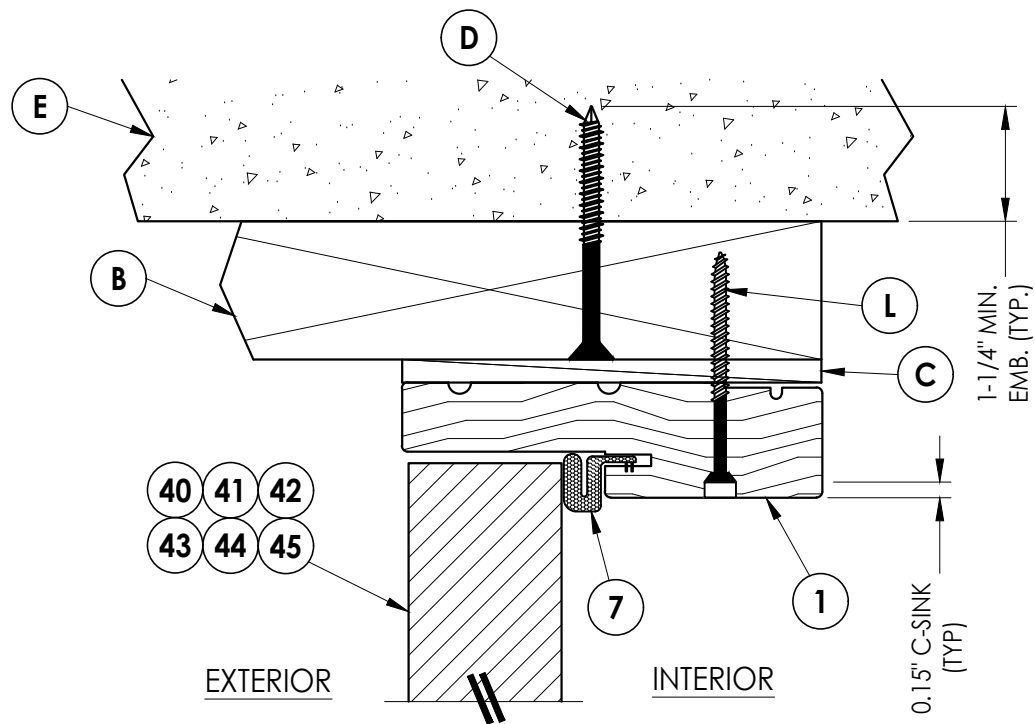
2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



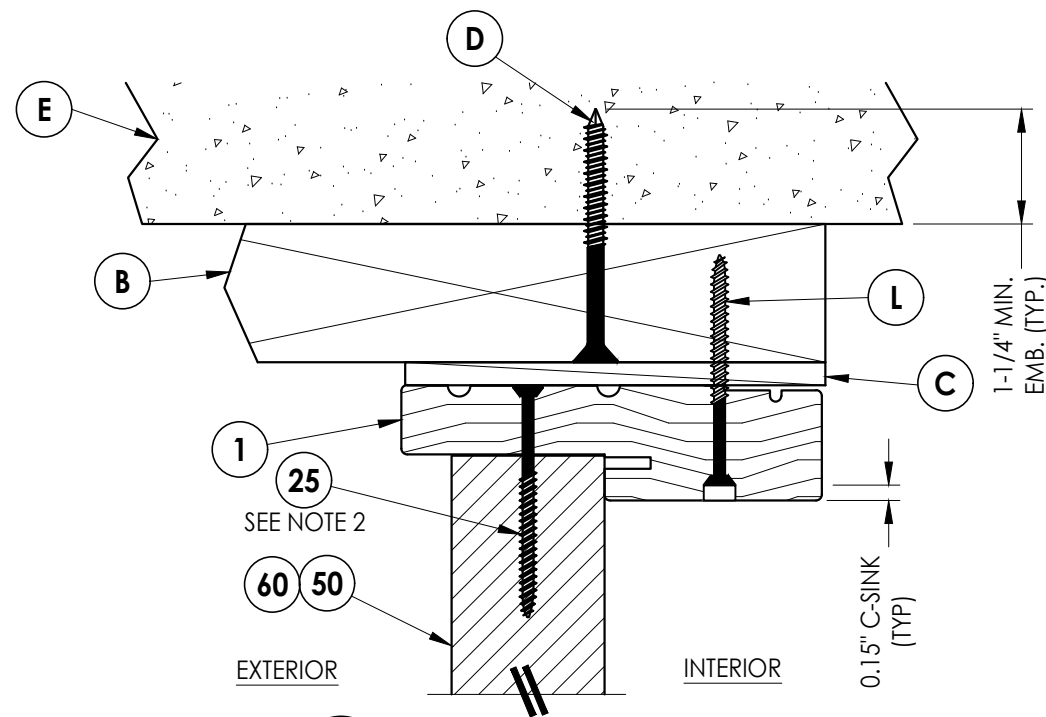
5
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

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

- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



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



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

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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

LFS	FBC	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026)	
5	8/23/23	UPDATE TO 8TH ED. (2023)	
4	7/16/20	UPDATE TO 7TH ED. (2020)	
3	10/10/18	REV. DOOR PANEL OPTION	NOTE
2	3/10/18	REVISE FLUSH GLAZING	
1	11/15/17	RECESSED PANEL NOTATION	
NO.	DATE		

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

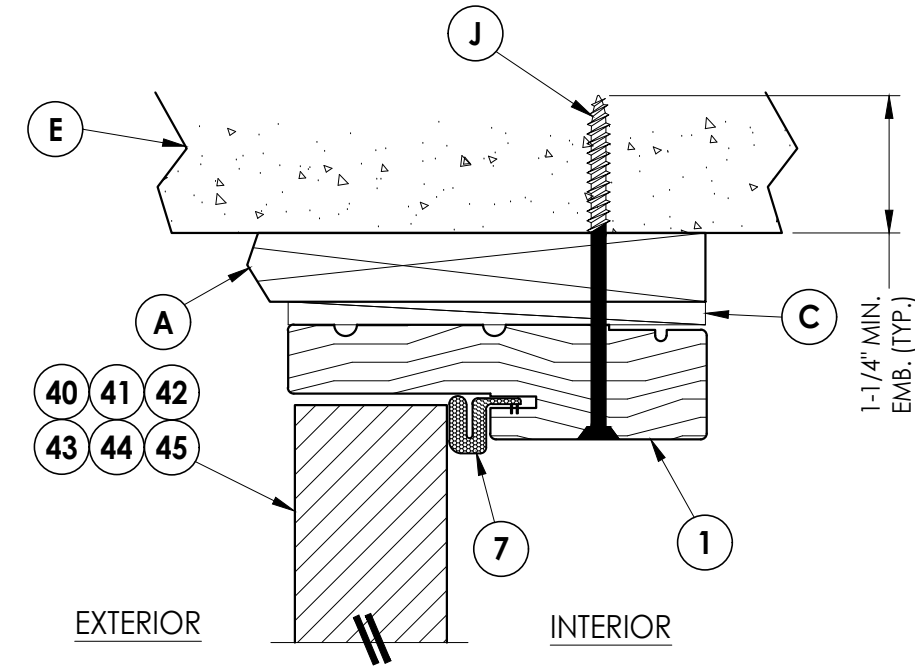
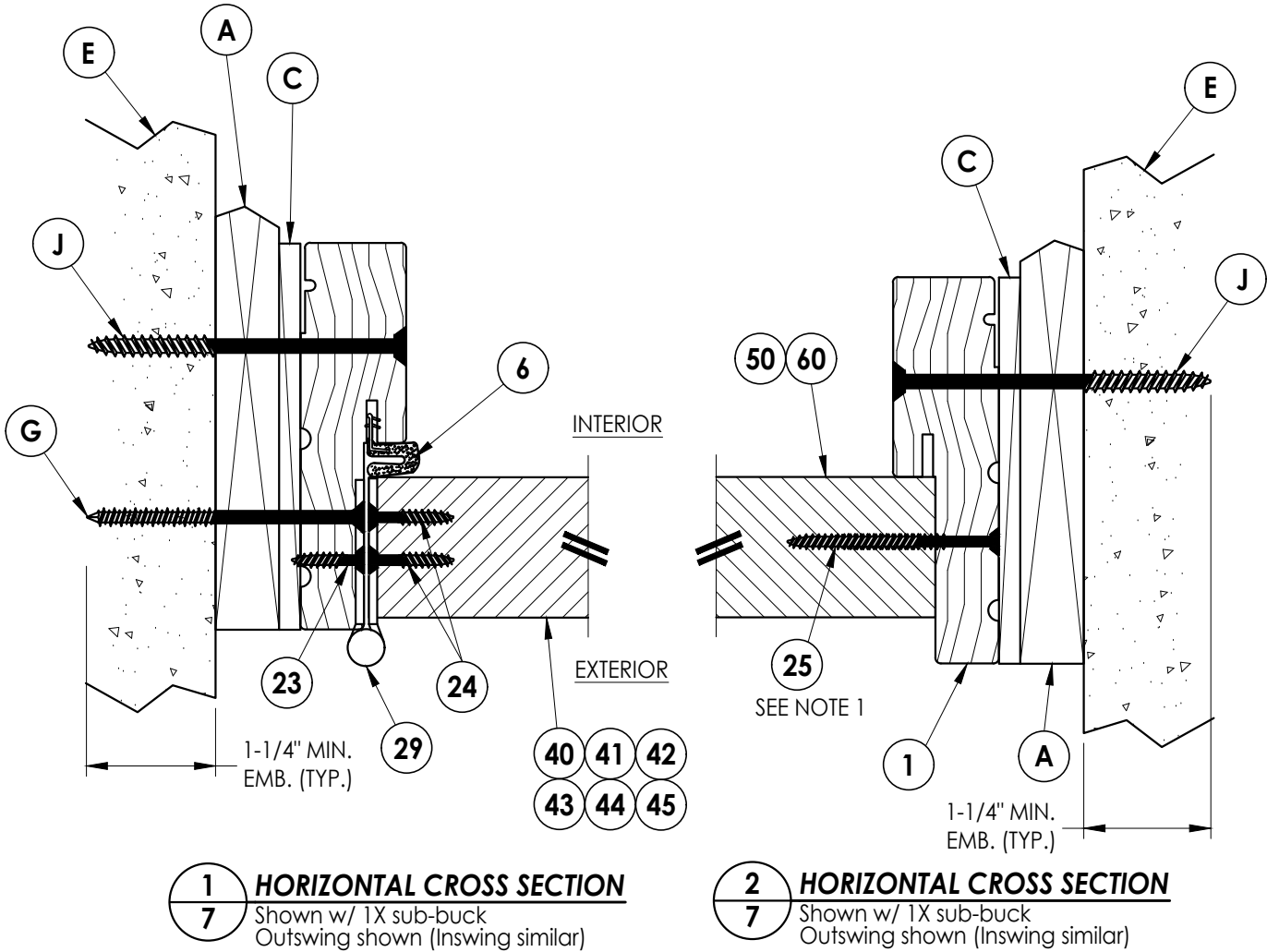
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FL-21133.11

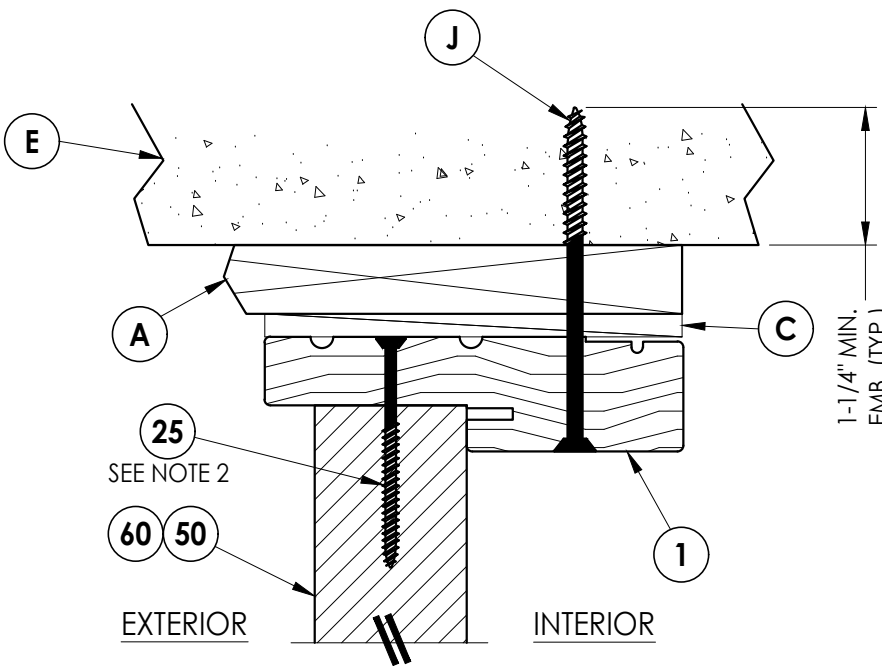
SHEET 6 OF 15

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- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



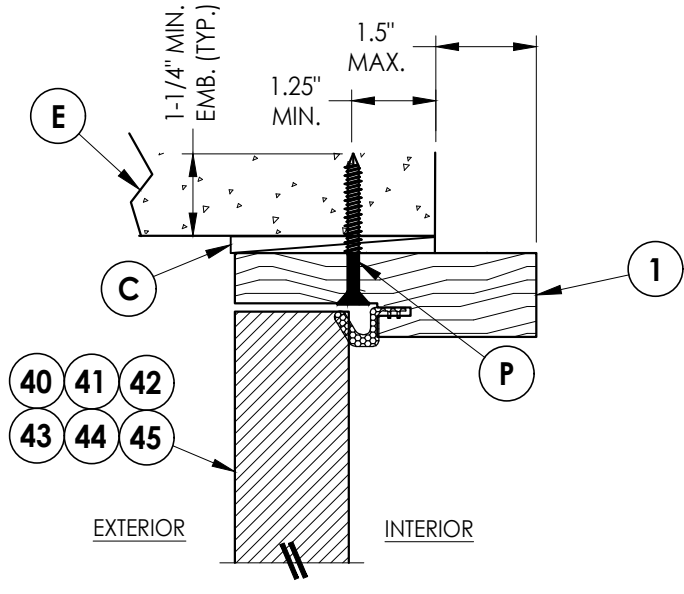
3 VERTICAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



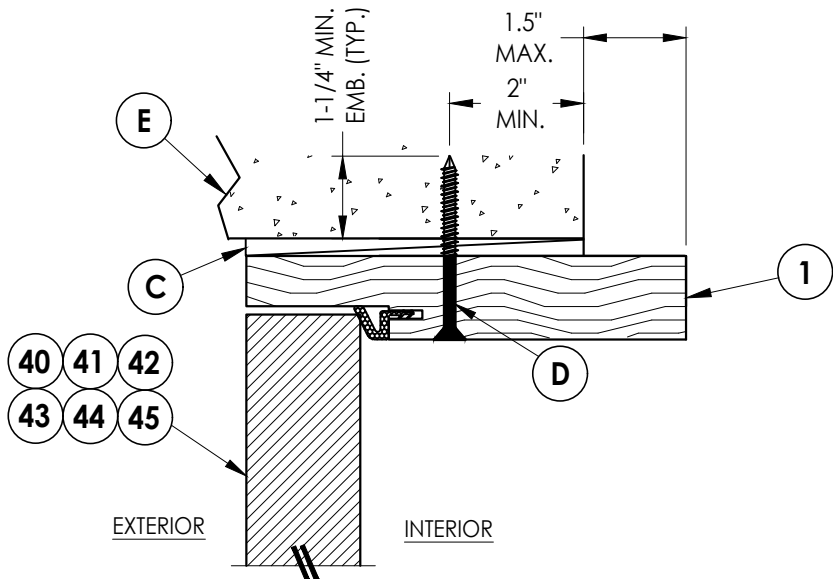
4 VERTICAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC
4	7/16/20	UPDATE TO 7th ED (2020)	FBC
3	10/10/18	REV. DOOR PANEL OPTION	NOTE
2	3/10/18	REVISE FLUSH GLAZING	RW
1	11/15/17	RECESSED PANEL NOTATION	JK
NO. DATE		REVISIONS	
DATE: 07/07/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21133.11			
SHEET 7 OF 15			

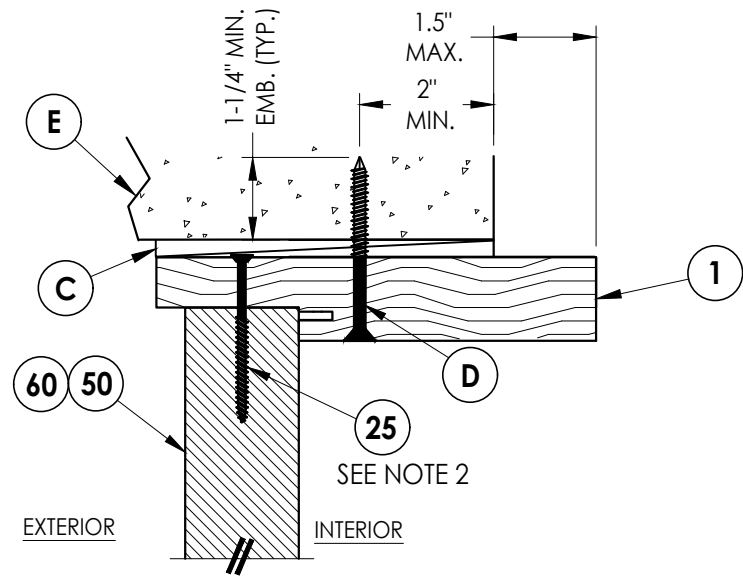
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3/8 VERTICAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



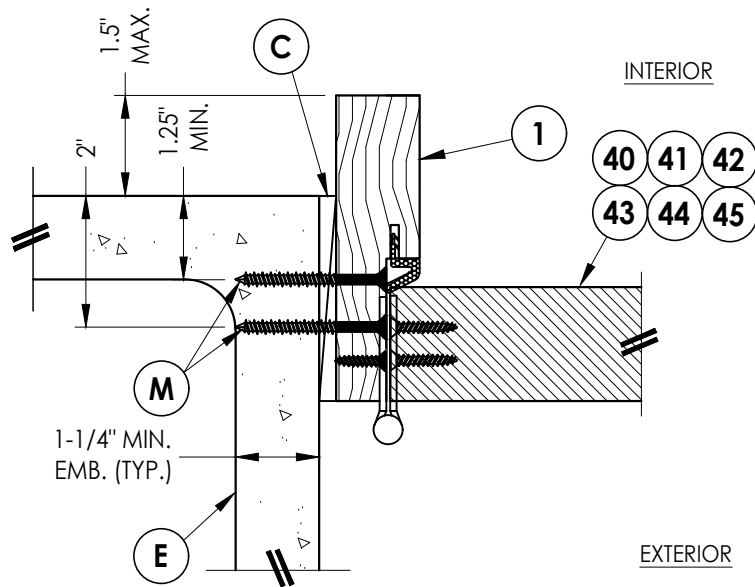
5/8 VERTICAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



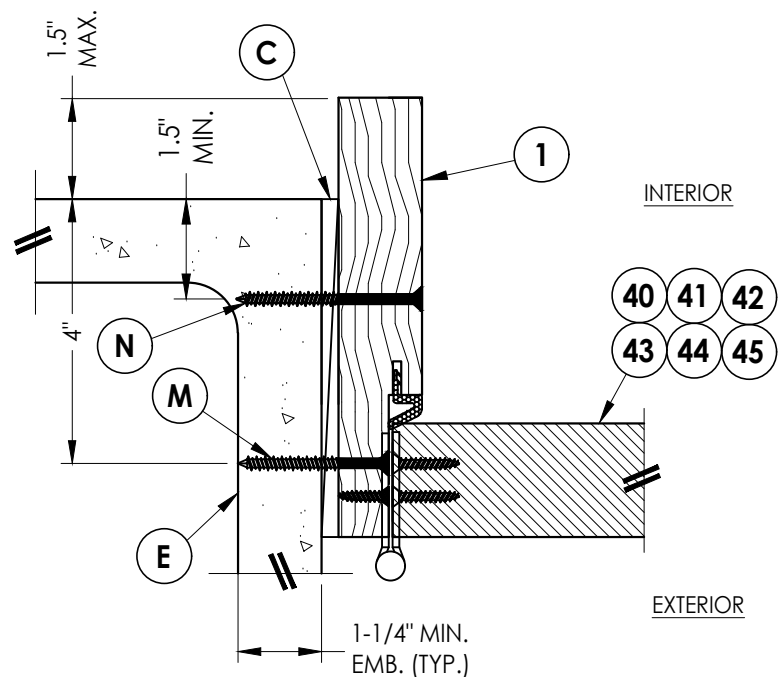
6/8 VERTICAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Notes:

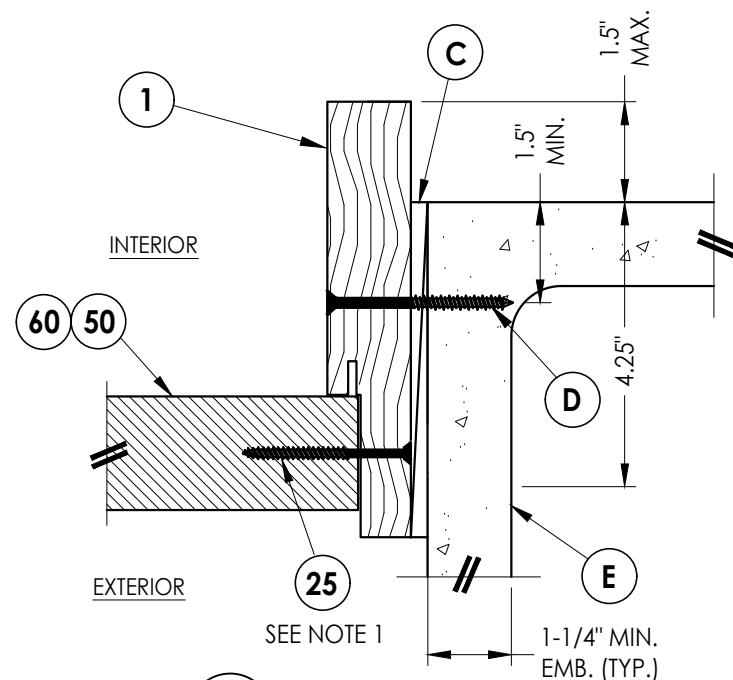
- Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
- Sidelite assembly screws located 3" from each end (2 screws along head jamb).



1/8 HORIZONTAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



4/8 HORIZONTAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



2/8 HORIZONTAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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RW

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO
3	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT
2	3/10/18	REVISE FLUSH GLAZING		RW
1	11/15/17	RECESSED PANEL NOTATION		JK
NO.	DATE			BY

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

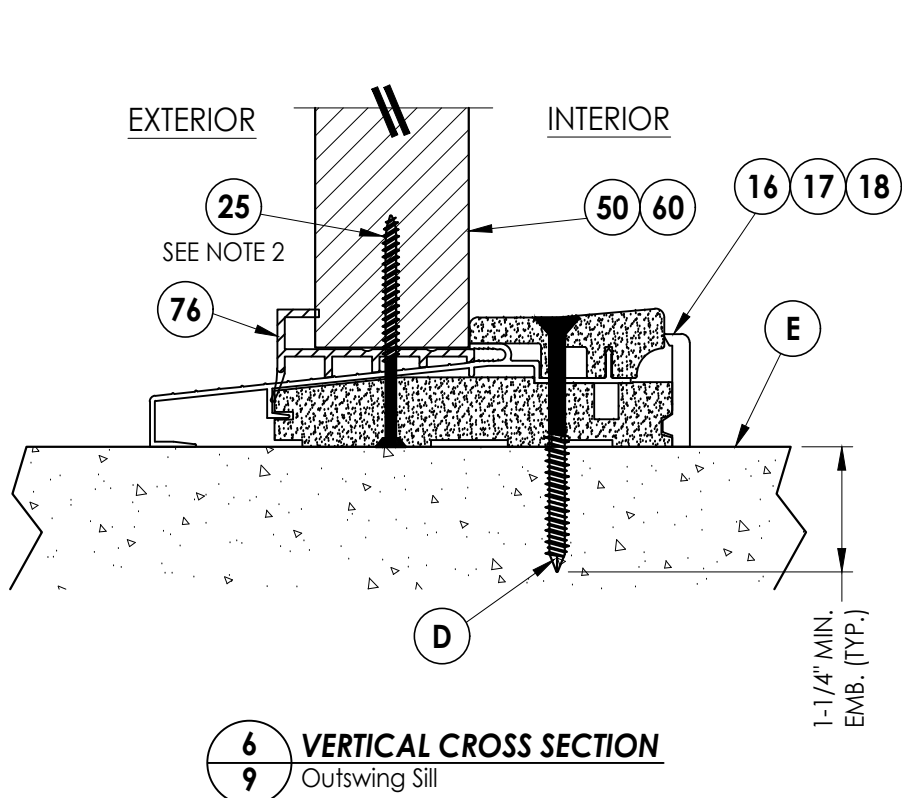
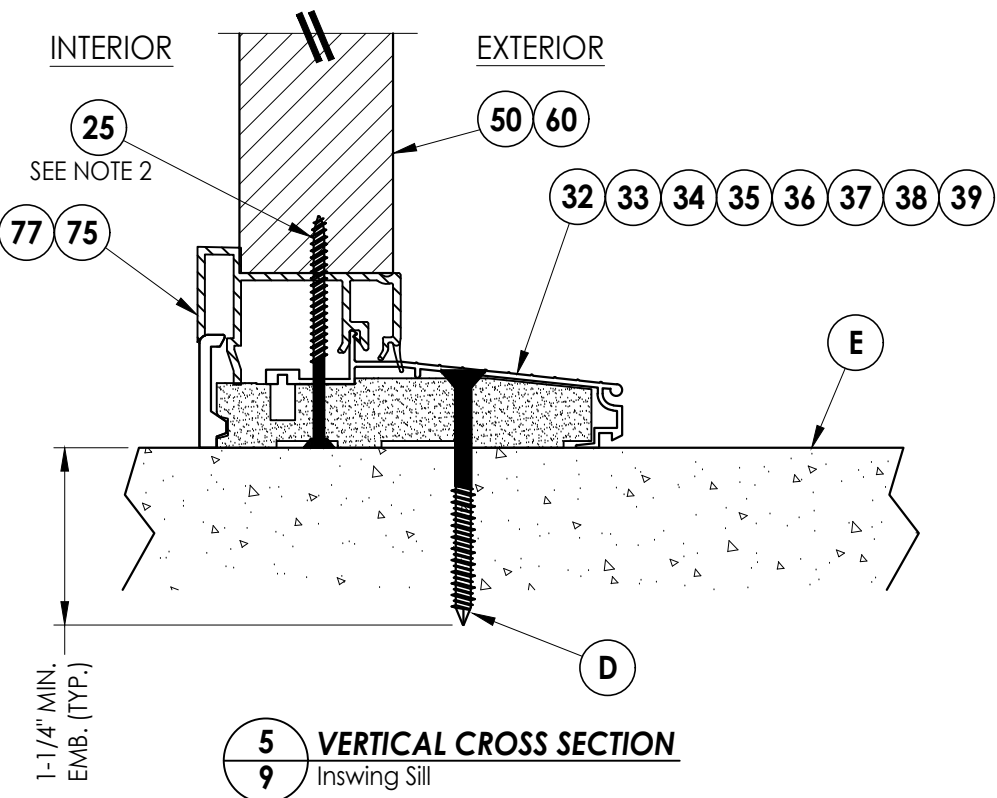
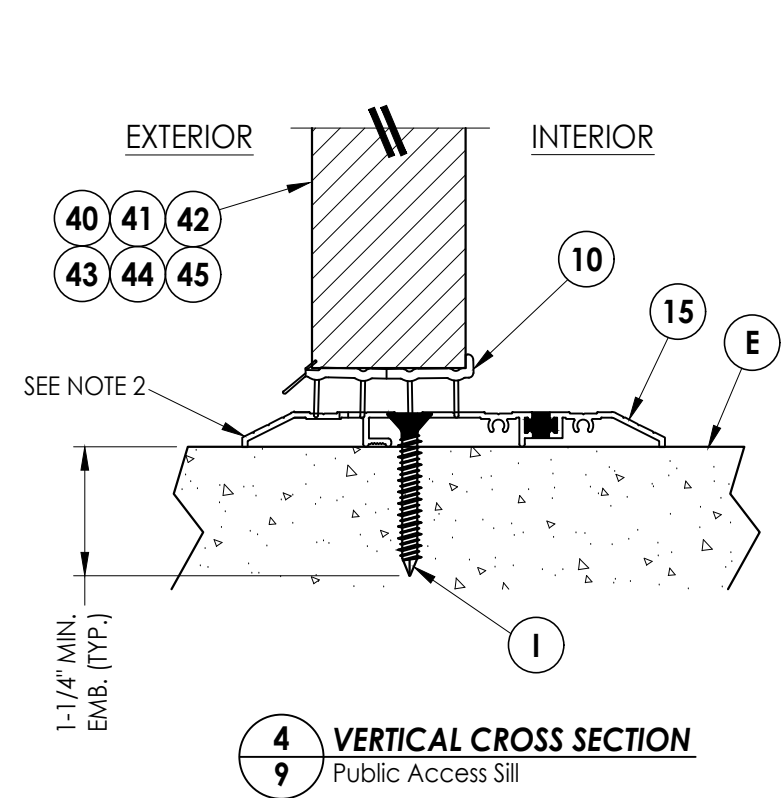
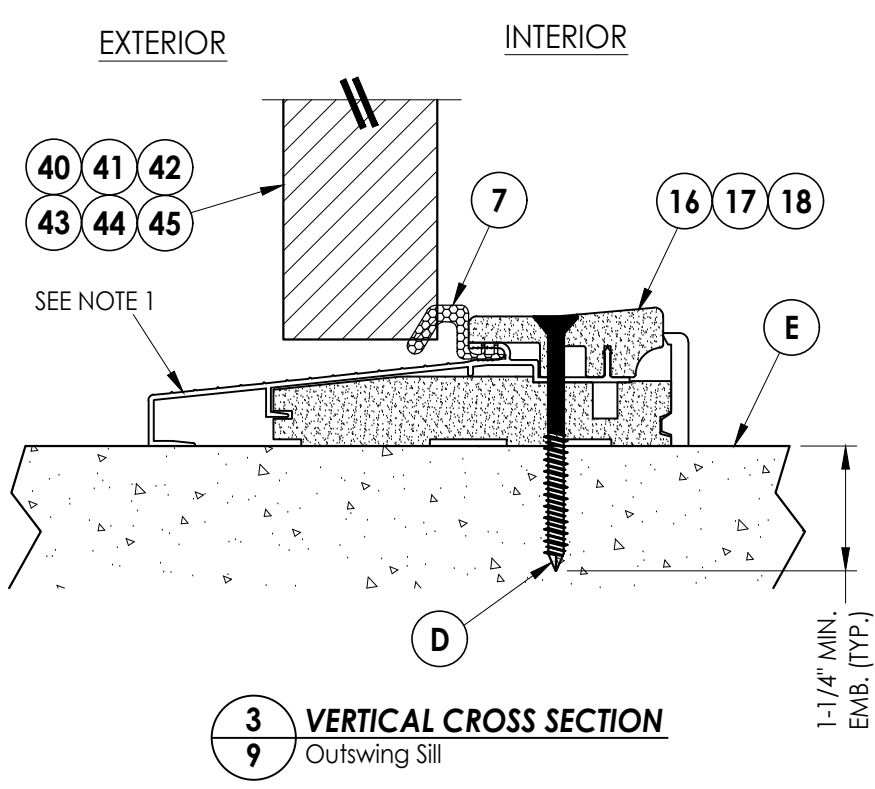
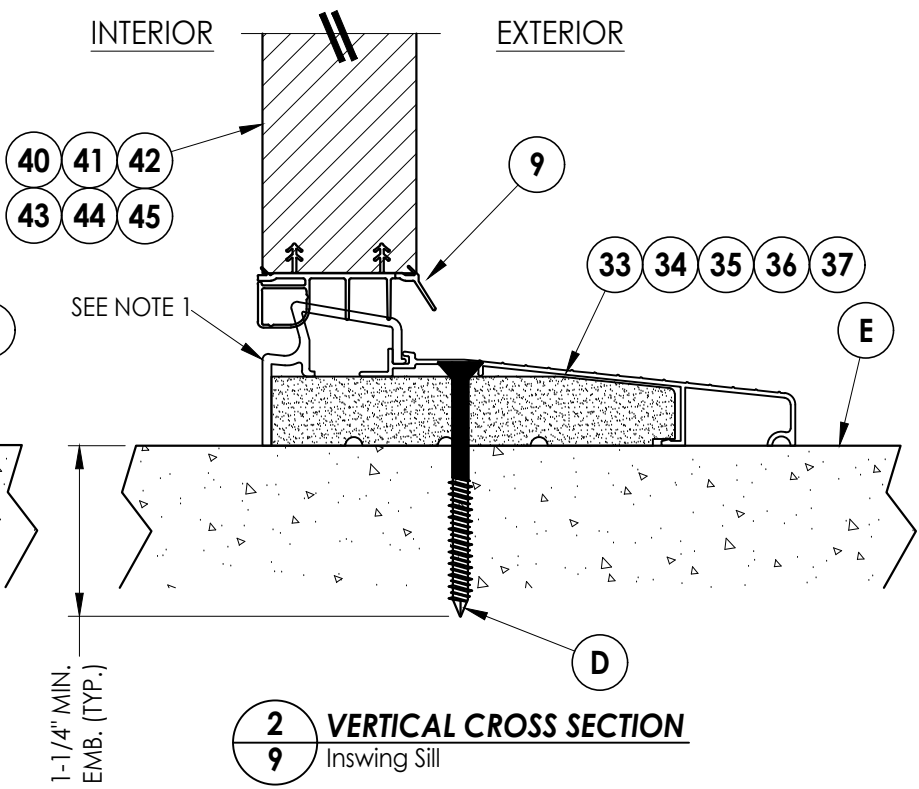
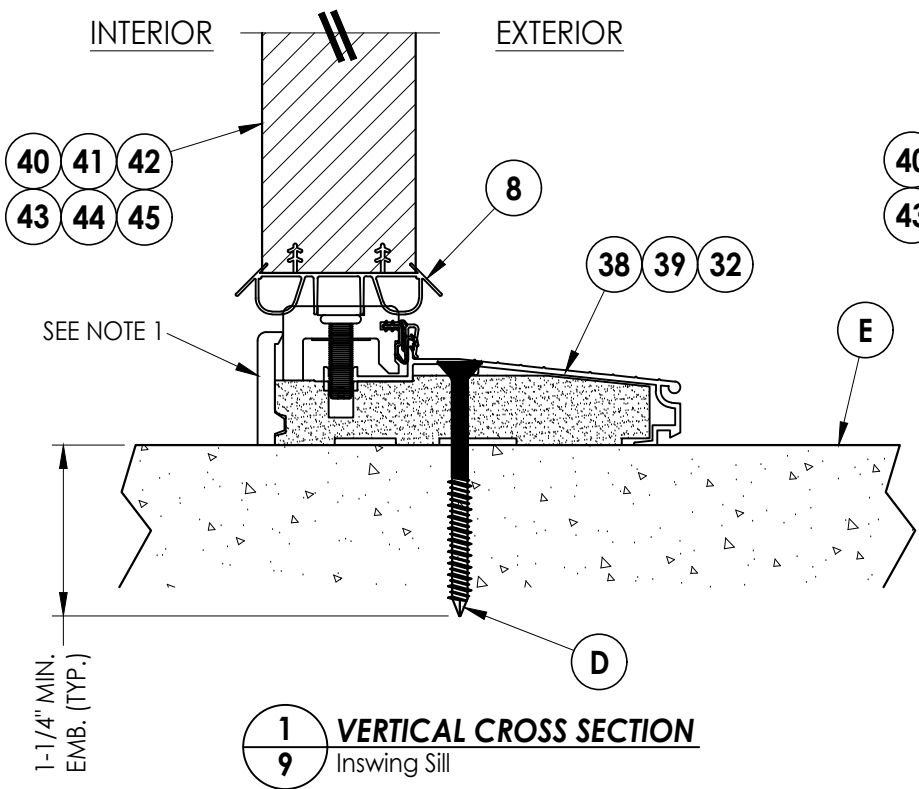
DRAWING NO.: FL-21133.11

SHEET 8 OF 15

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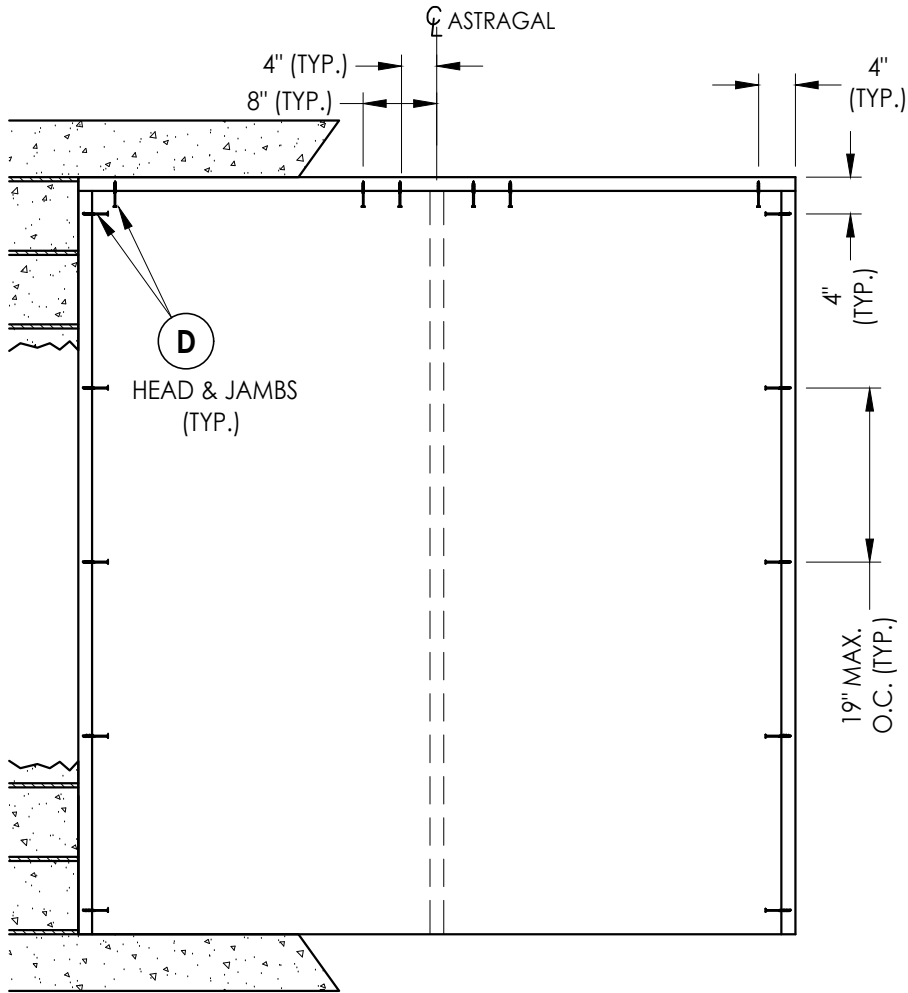
Notes:

1. Sill Item #'s 17, 18, 32, 34, 35, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pph screws at each end.
Sill Item #'s 16 & 33 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS at each end.
2. Sidelite assembly screws located 4" from each end (2 screws along sill).

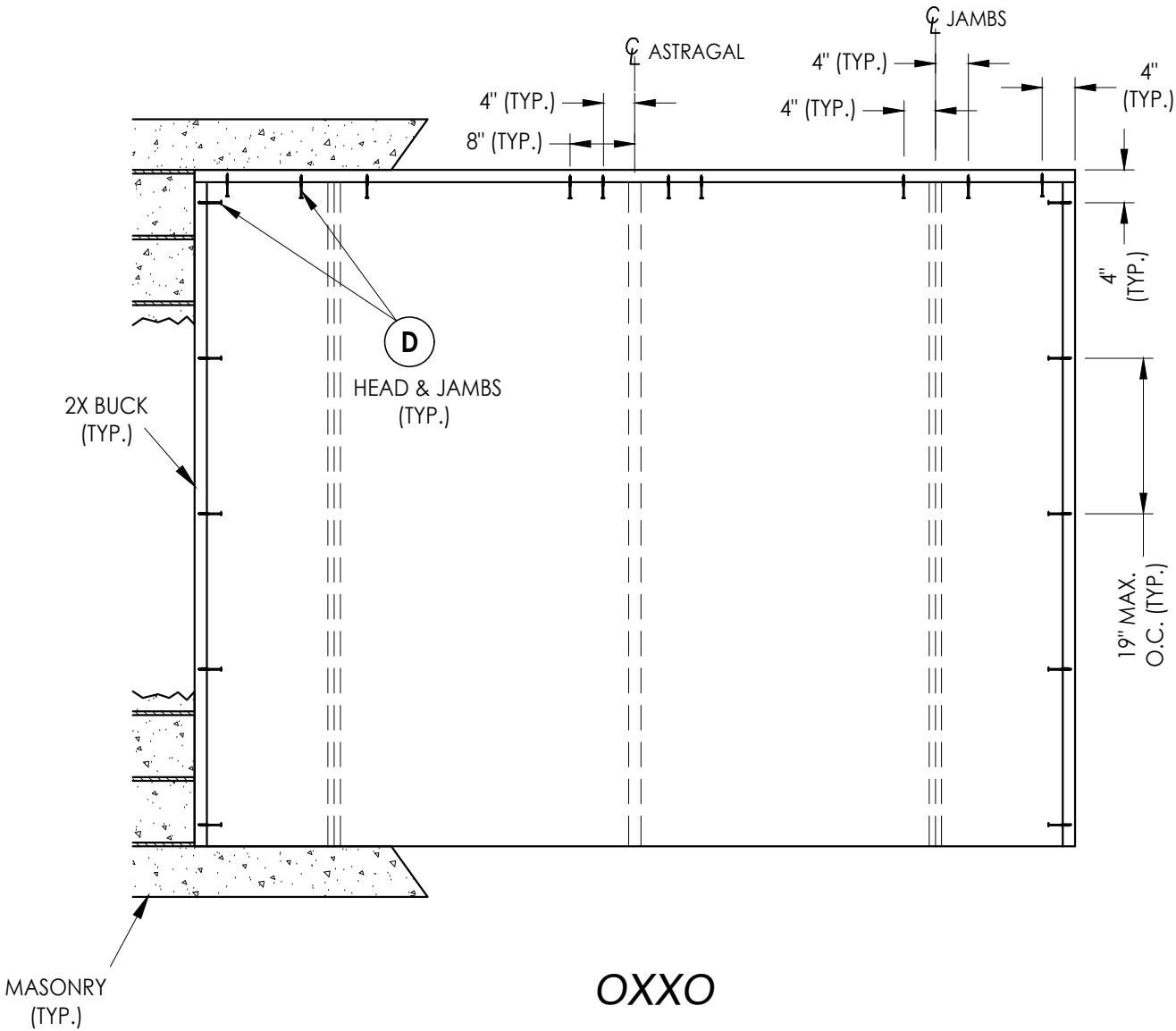


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)	
LFS	FBC	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026)	
5	8/23/23	UPDATE TO 8TH ED. (2023)	
4	7/16/20	UPDATE TO 7th ED (2020)	
3	10/10/18	REV. DOOR PANEL OPTION	
2	3/10/18	REVISE FLUSH GLAZING	
1	11/15/17	RECESSED PANEL NOTATION	
NO.	DATE		
DATE: 07/07/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21133.11			
SHEET 9 OF 15			

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XX



OXXO

2X BUCK ANCHORING

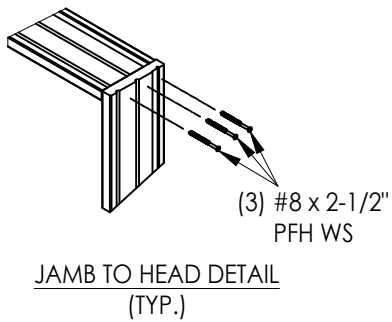
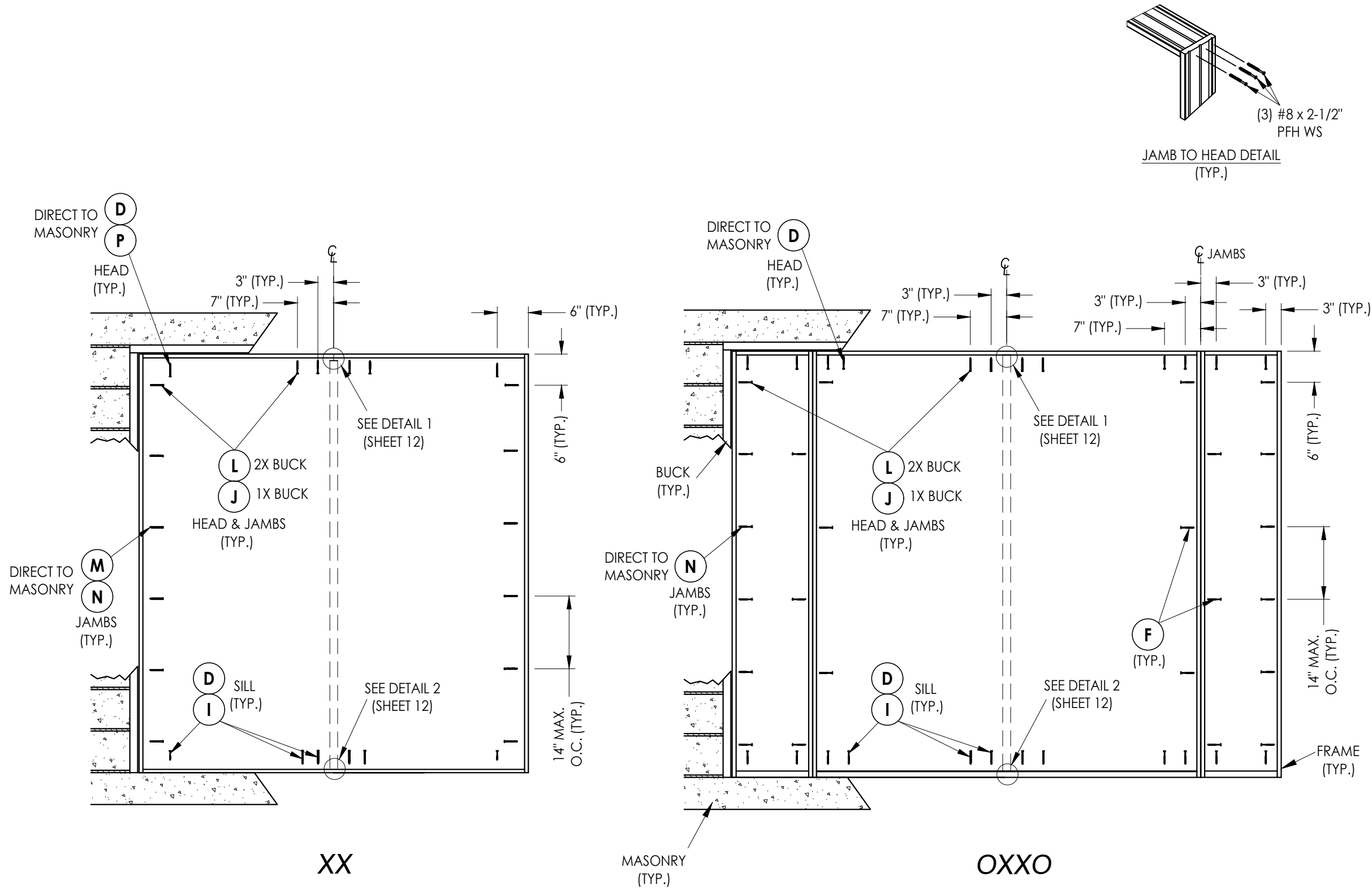
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409											
PRODUCT: THERMA-TRU FIBERGLASS DOOR						PART OR ASSEMBLY: BUCK ANCHORING					
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS							
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS							
4	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO							
3	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT							
2	3/10/18	REVISE FLUSH GLAZING		RW							
1	11/15/17	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-21133.11											
SHEET 10 OF 15											

RW

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

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FRAME ANCHORING

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

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

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
4	7/16/20	UPDATE TO 7th ED (2020) FBC
3	10/10/18	REV. DOOR PANEL OPTION NOTE
2	3/10/18	REVISE FLUSH GLAZING
1	11/15/17	RECESSED PANEL NOTATION
NO.	DATE	BY

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

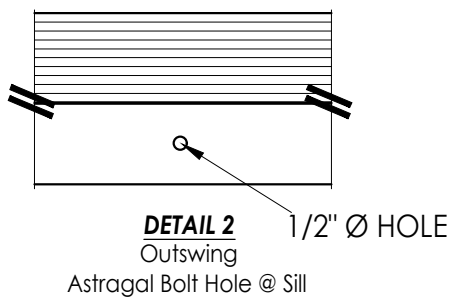
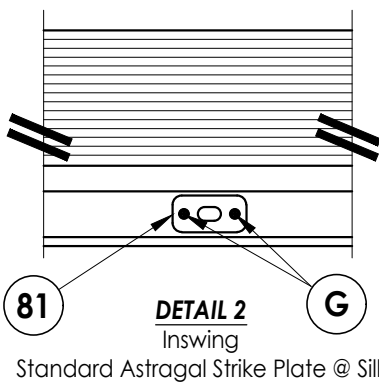
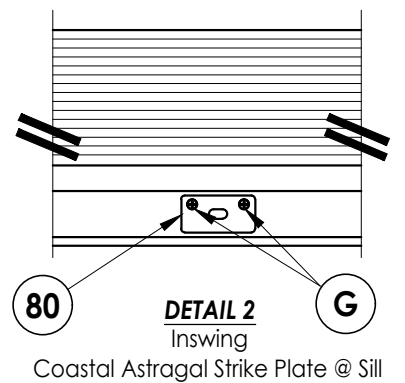
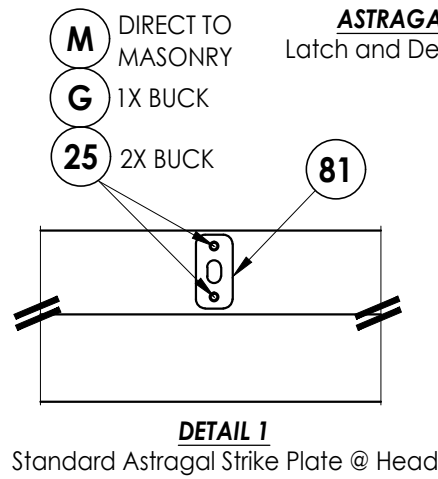
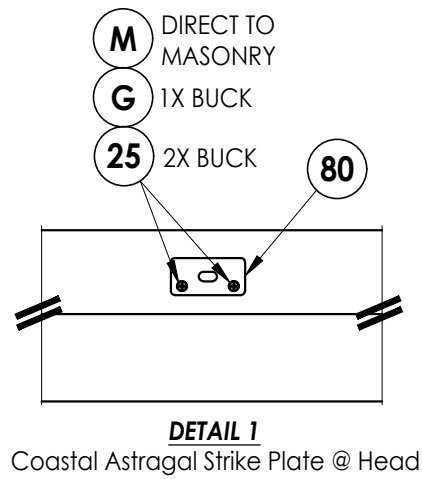
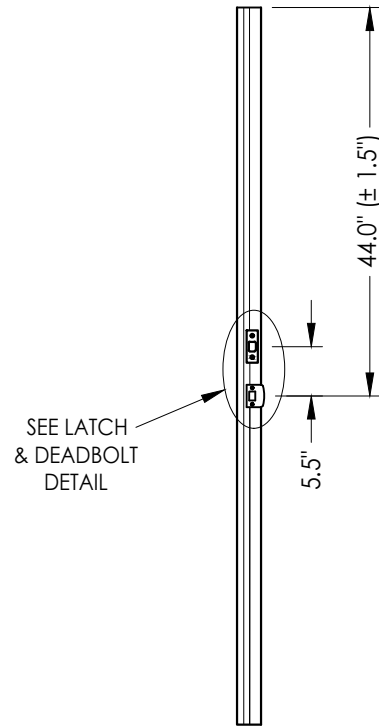
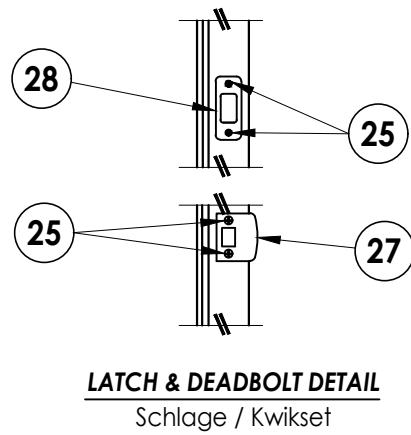
CHK. BY: LFS

DRAWING NO.:

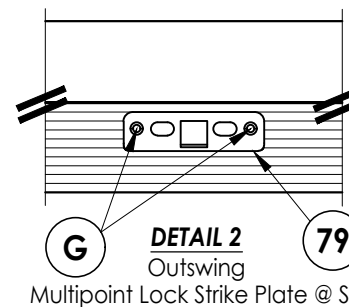
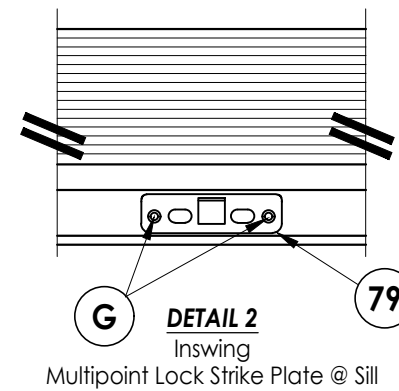
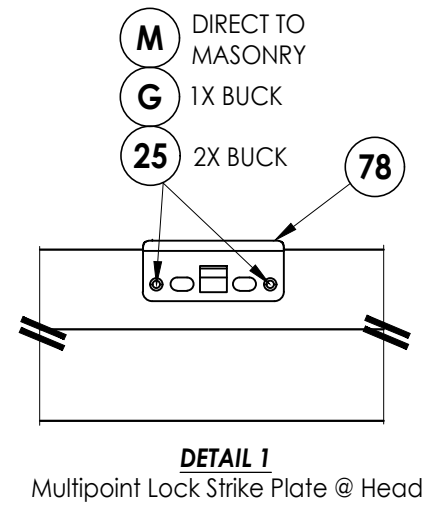
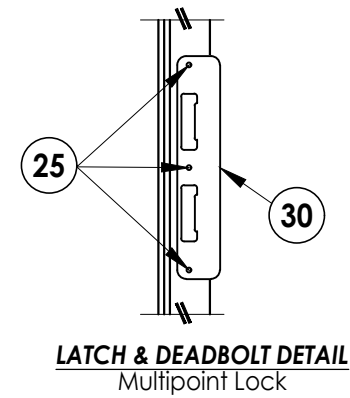
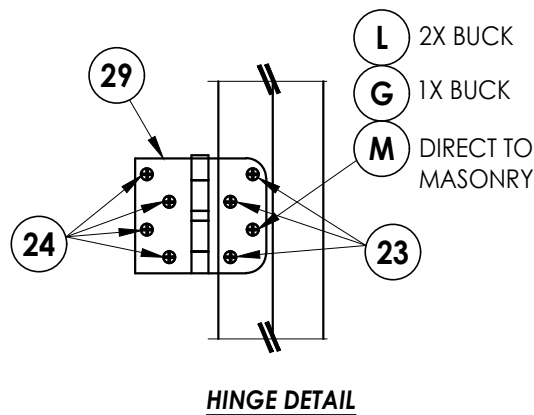
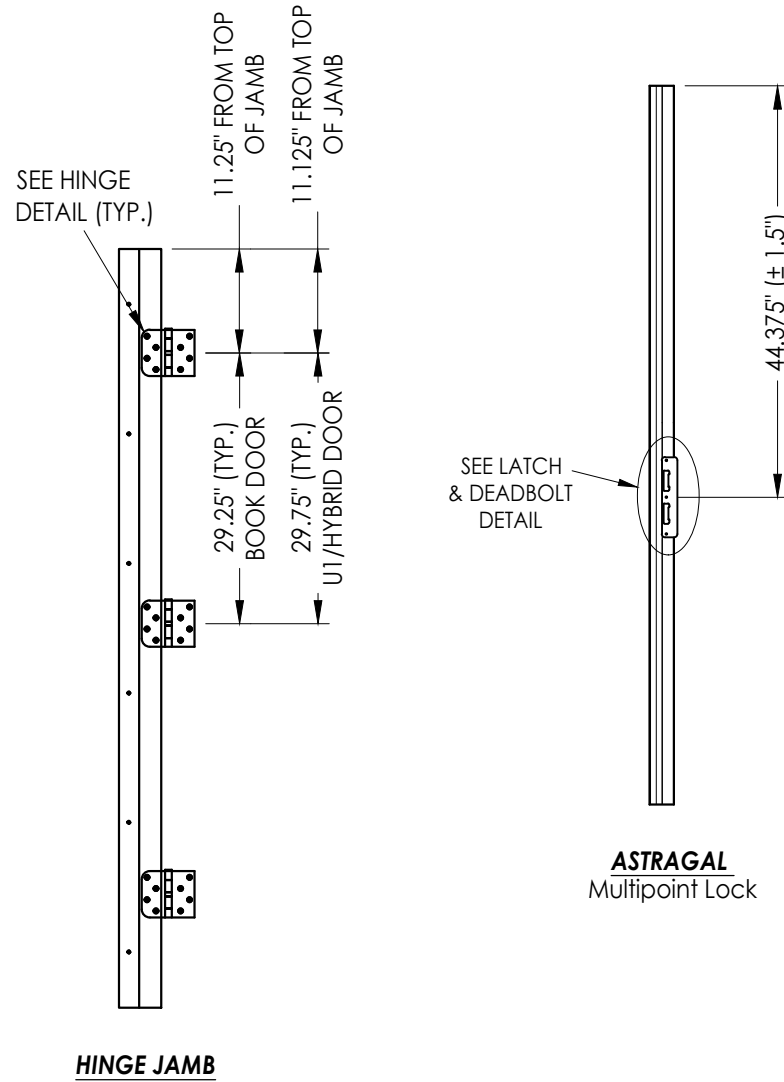
FL-21133.11

SHEET 11 OF 15

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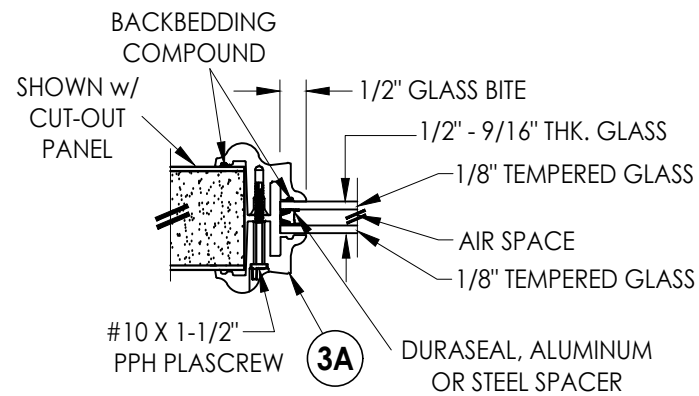
LATCH & DEADBOLT STRIKE DETAILS



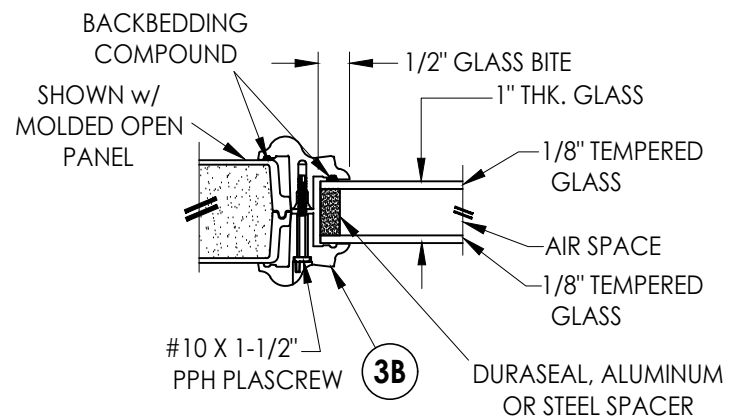
MULTIPOINT LOCK STRIKE DETAILS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: HARDWARE DETAILS			
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS		
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	7/16/20	UPDATE TO 7th ED (2020)	FBC	PO			
3	10/10/18	REV. DOOR PANEL OPTION	NOTE	MT			
2	3/10/18	REVISE FLUSH GLAZING		RW			
1	11/15/17	RECESSED PANEL NOTATION		JK			
NO.	DATE			BY			
DATE: 07/07/17							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-21133.11							
SHEET 12 OF 15							

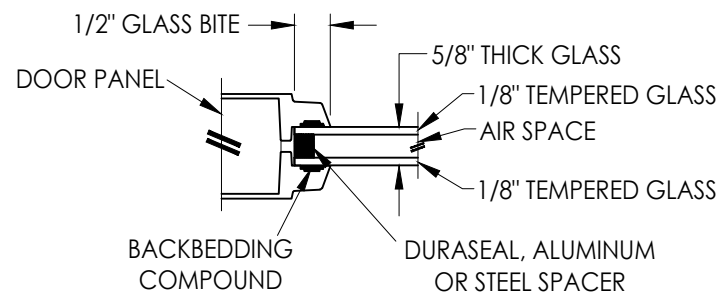
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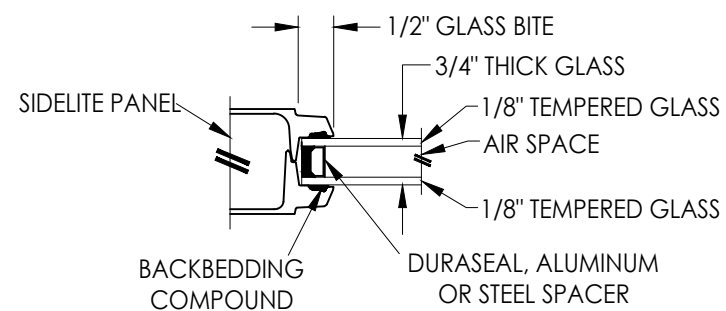
G1 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



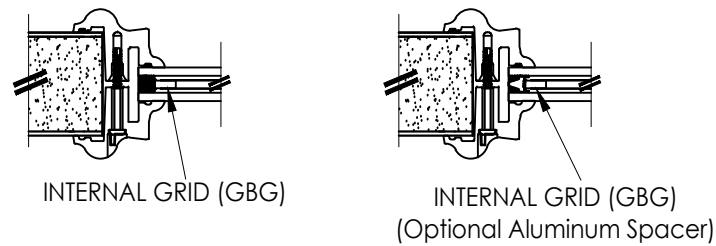
G2 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



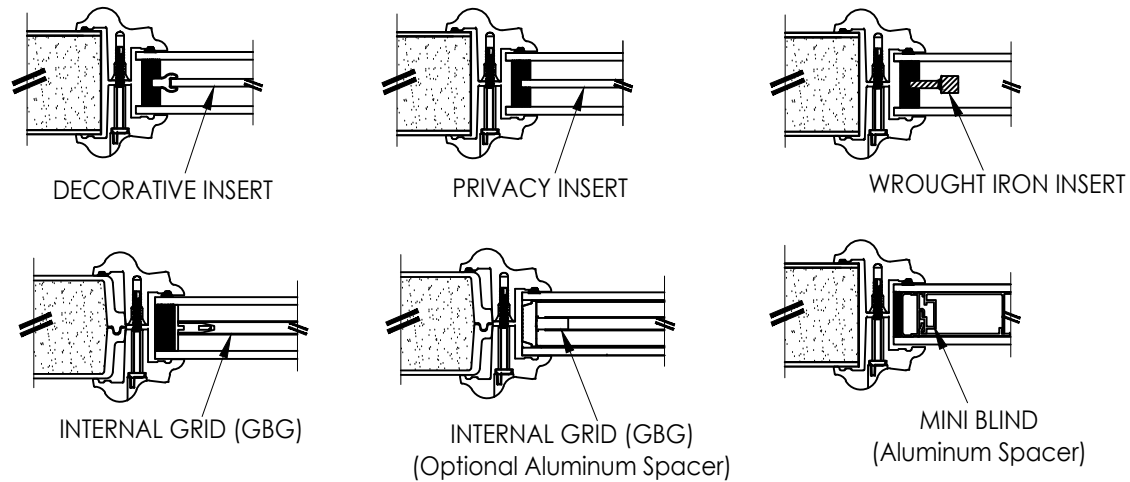
G3 GLAZING DETAIL
Flush Glazing
Door Panels



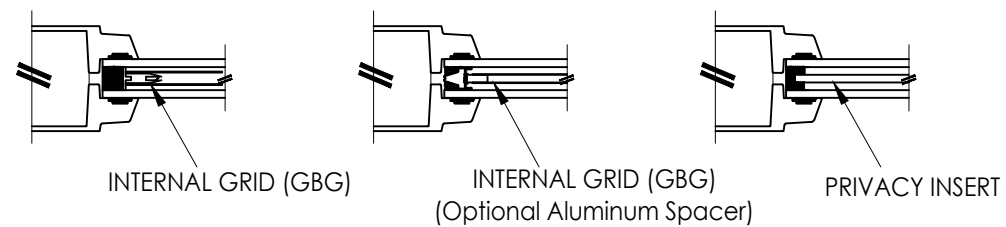
G4 GLAZING DETAIL
Flush Glazing
Sidelites



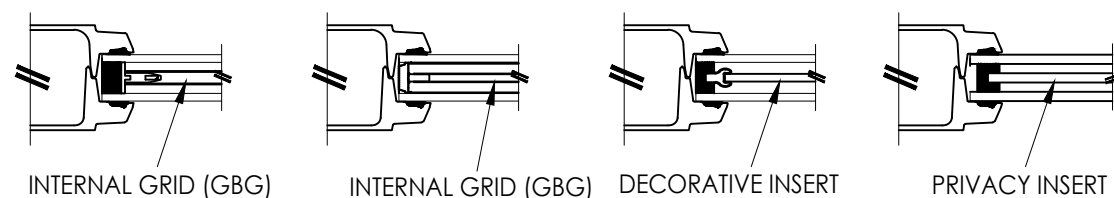
9/16" INSULATED GLASS INSERT OPTIONS



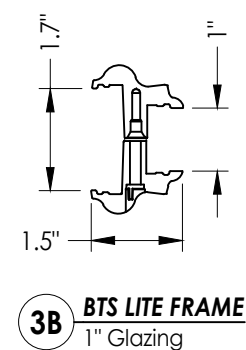
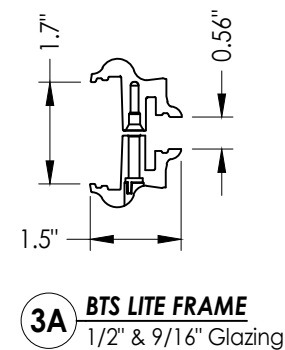
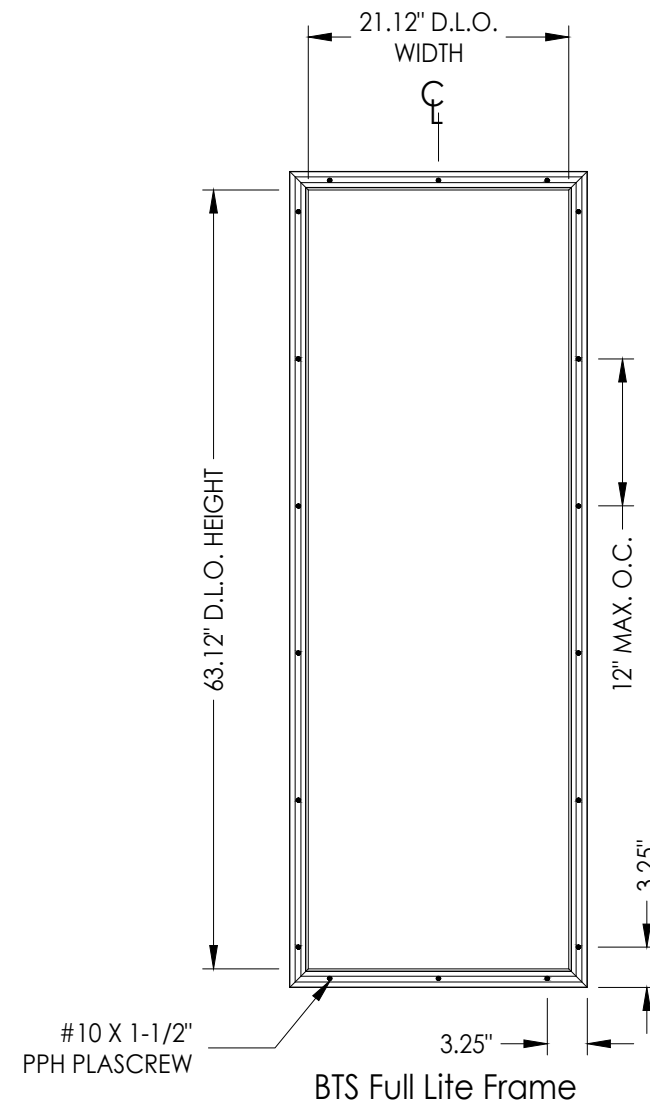
1" INSULATED GLASS INSERT OPTIONS



5/8" INSULATED GLASS INSERT OPTIONS

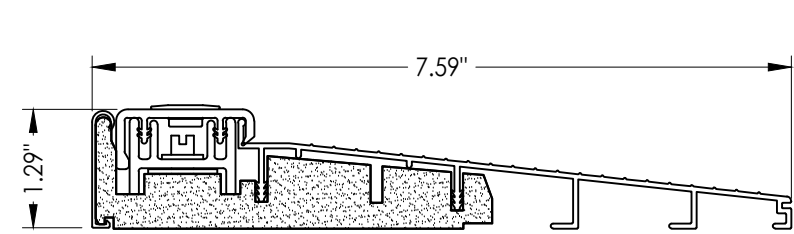


3/4" INSULATED GLASS INSERT OPTIONS

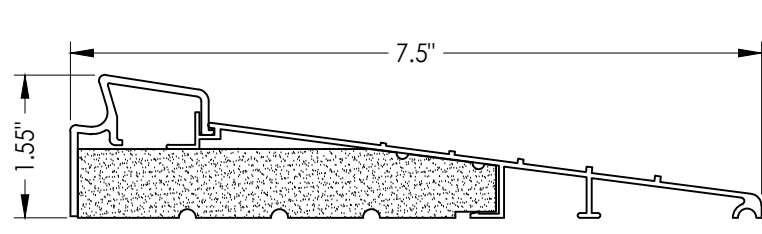


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: GLAZING DETAILS	
LFS	UPDATE TO 9TH ED. (2026)	FBC	REVISIONS
LFS	UPDATE TO 8TH ED. (2023)	FBC	
PO	UPDATE TO 7th ED (2020)	FBC	
MT	REV. DOOR PANEL OPTION	NOTE	
RW	REV. FLUSH GLAZING		
JK	RECESSED PANEL NOTATION		
BY			
NO.	DATE		
6	7/02/26		
5	8/23/23		
4	7/16/20		
3	10/10/18		
2	3/10/18		
1	11/15/17		
DATE: 07/07/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21133.11			
SHEET 13 OF 15			

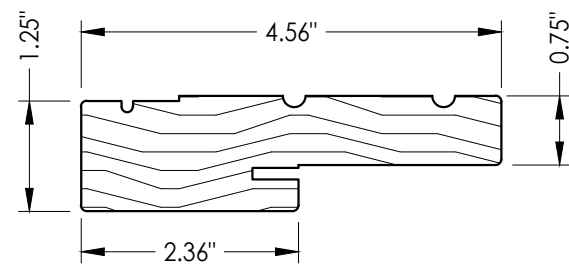
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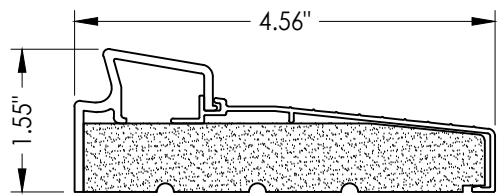
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



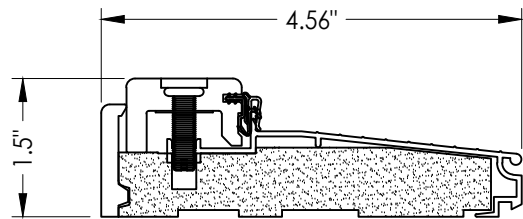
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



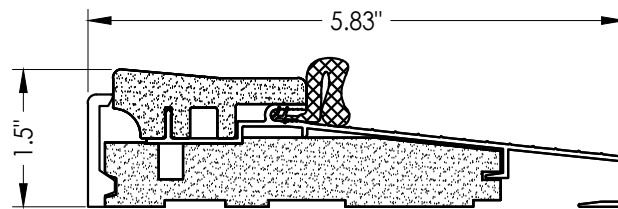
1 WOOD JAMB



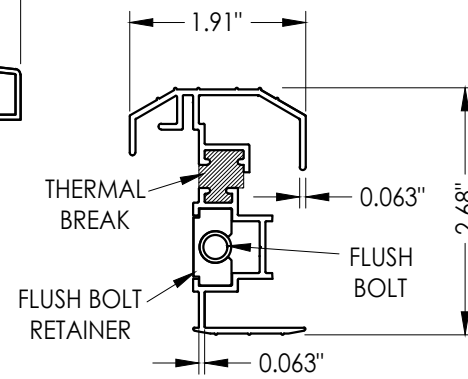
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



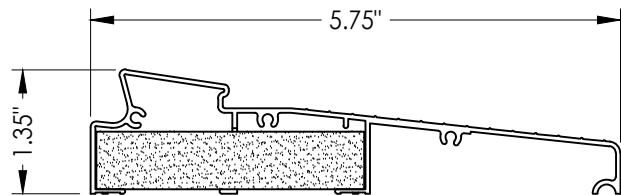
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



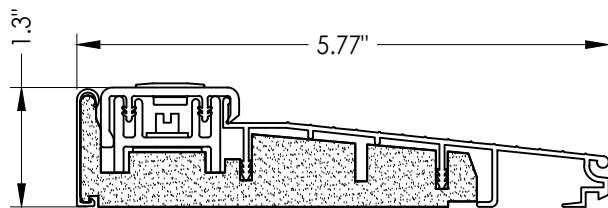
16 OUTSWING THRESHOLD
Composite Sill



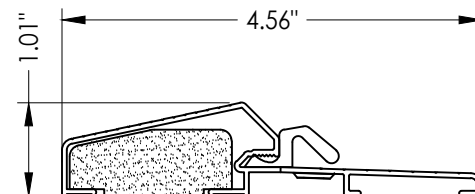
19 STANDARD ALUMINUM ASTRAGAL



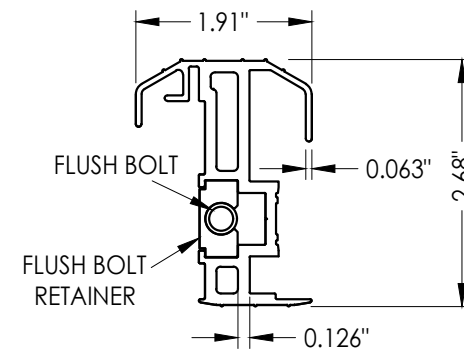
34 INSWING THRESHOLD
Inswing Moderate Climate Sill 1-3/8"



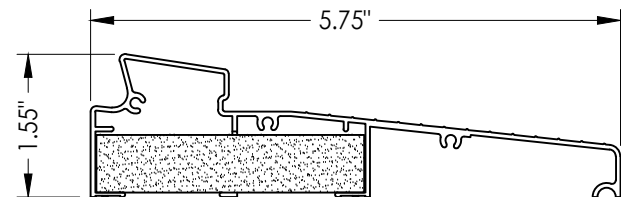
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



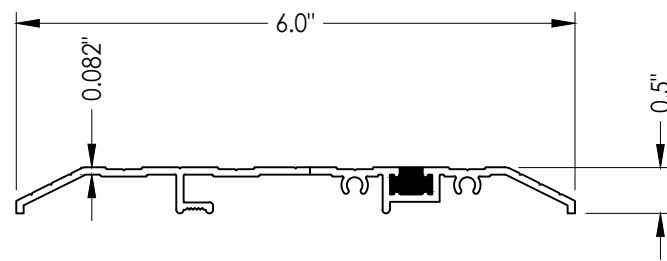
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



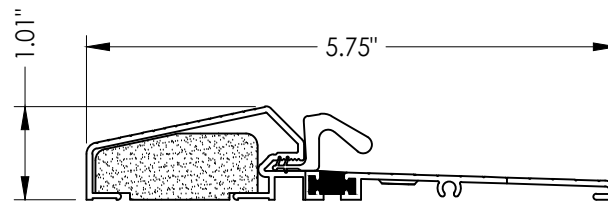
20 COASTAL ALUMINUM ASTRAGAL



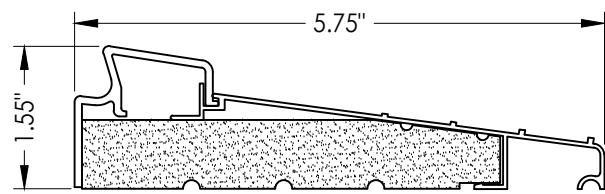
35 INSWING THRESHOLD
Inswing Moderate Climate Sill



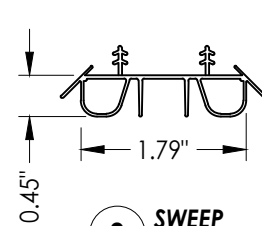
15 PUBLIC ACCESS THRESHOLD



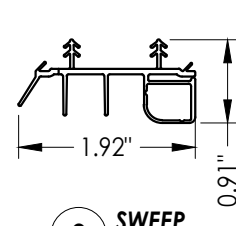
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



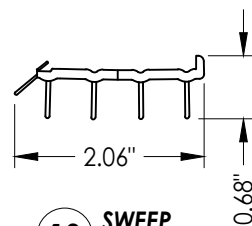
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



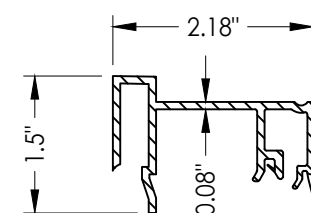
8 SWEEP



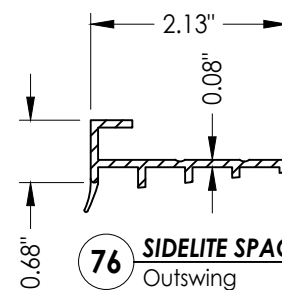
9 SWEEP



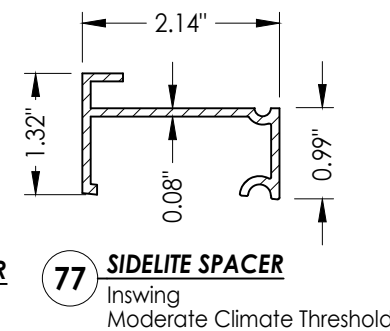
10 SWEEP



75 SIDELITE SPACER
Inswing



76 SIDELITE SPACER
Outswing



77 SIDELITE SPACER
Inswing
Moderate Climate Threshold

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

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:

COMPONENTS

LFS	FBC	FBC	FBC	PO	MT	RW	JK	BY
6	7/02/26	UPDATE TO 9TH ED. (2026)	UPDATE TO 8TH ED. (2023)	UPDATE TO 7th ED (2020)	REV. DOOR PANEL OPTION NOTE	REVISE FLUSH GLAZING	RECESSED PANEL NOTATION	
5	8/23/23	UPDATE TO 8TH ED. (2023)	UPDATE TO 7th ED (2020)	REV. DOOR PANEL OPTION NOTE	REVISE FLUSH GLAZING	RECESSED PANEL NOTATION		
4	7/16/20	UPDATE TO 7th ED (2020)	REV. DOOR PANEL OPTION NOTE	REVISE FLUSH GLAZING	RECESSED PANEL NOTATION			
3	10/10/18	REV. DOOR PANEL OPTION NOTE	REVISE FLUSH GLAZING	RECESSED PANEL NOTATION				
2	3/10/18	REVISE FLUSH GLAZING	RECESSED PANEL NOTATION					
1	11/15/17	RECESSED PANEL NOTATION						
NO.	DATE							

REVISIONS

DATE:	07/07/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21133.11
SHEET	14 OF 15

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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
F	#10 X 2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	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
P	1/4" X 2-3/4" PFH DeWALT CONCRETE SCREW	STEEL
1	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
11	#10 X 1-3/4" PFH WOOD SCREW	STEEL
15	PUBLIC ACCESS THRESHOLD	ALUM
16	OUTSWING THRESHOLD	ALUM/COMP
17	OUTSWING THRESHOLD	ALUM/COMP
18	OUTSWING THRESHOLD	ALUM/COMP
19	STANDARD ALUMINUM ASTRAGAL	ALUM
20	COASTAL ALUMINUM ASTRAGAL	ALUM
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
29	4" X 4" HINGE	STEEL

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
32	INSWING THRESHOLD	ALUM/COMP
33	INSWING THRESHOLD	ALUM/COMP
34	INSWING THRESHOLD	ALUM/COMP
35	INSWING THRESHOLD	ALUM/COMP
36	INSWING THRESHOLD	ALUM/COMP
37	INSWING THRESHOLD	ALUM/COMP
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
77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC
78	MULTIPOINT LOCK STRIKE PLATE @ HEAD	STEEL
79	MULTIPOINT LOCK STRIKE PLATE @ SILL	STEEL
80	COASTAL ASTRAGAL STRIKE PLATE	STEEL
81	STANDARD ASTRAGAL STRIKE PLATE	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:

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

LFS

6

7/02/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

5

8/23/23

UPDATE TO 8TH ED. (2023)

FBC

PO

4

7/16/20

UPDATE TO 7th ED (2020)

FBC

MT

3

10/10/18

REV. DOOR PANEL OPTION

NOTE

RW

2

3/10/18

REVISE FLUSH GLAZING

JK

1

11/15/17

RECESSED PANEL NOTATION

BY

NOI

DATE

REVISIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.11

SHEET 15 OF 15

RW

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