



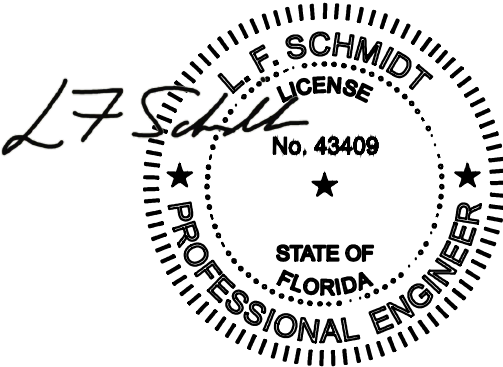
Fiber-Classic® & Smooth-Star®

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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2 as follows: Wind Zones 1, 2 & 3: Glazed Sidelites/Transom 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.

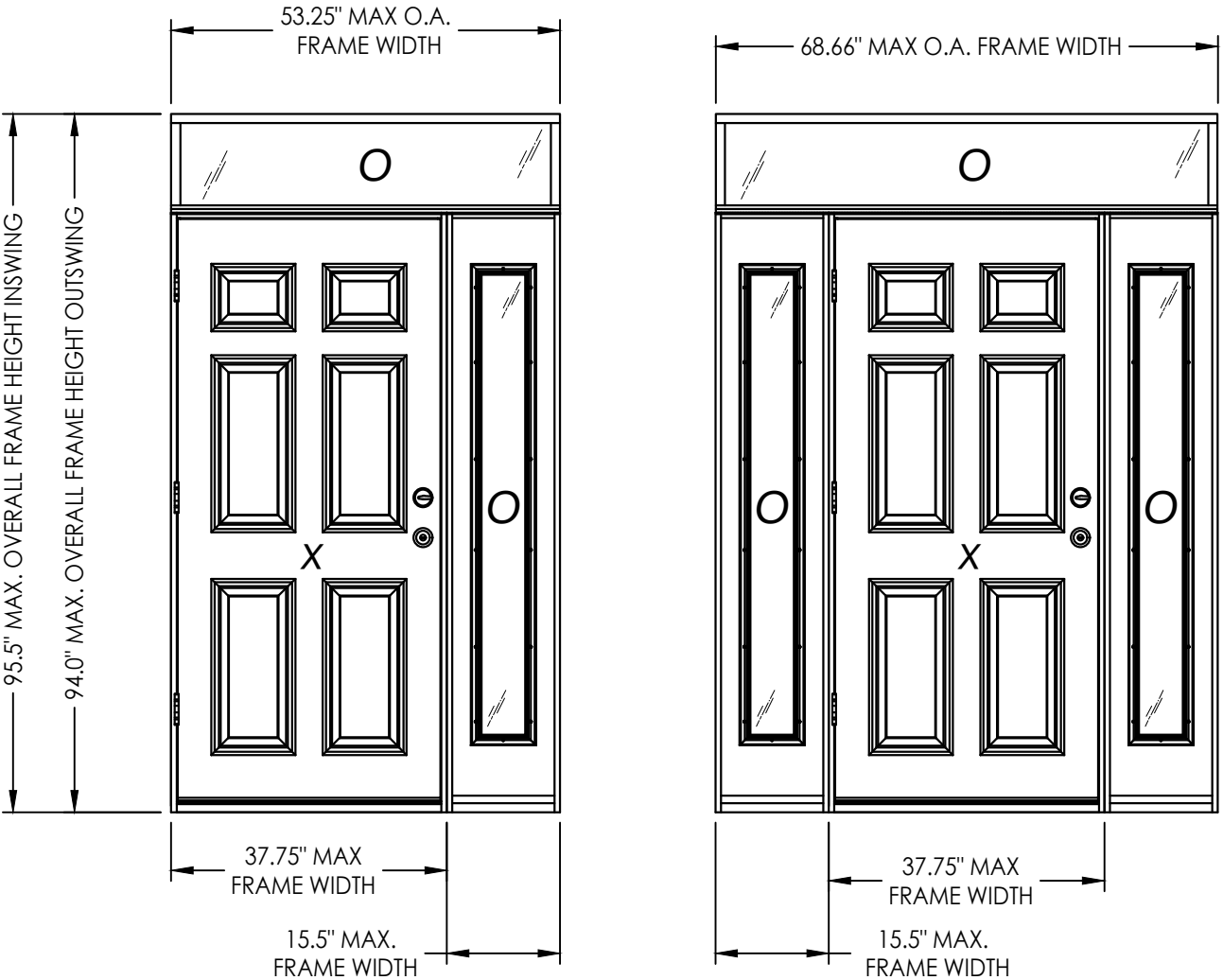
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10	Buck Anchoring
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Digitally signed by Lyndon F Schmidt
Date: 2026.08.06 14:53:21 -04'00'

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

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
O/XO, O/OX, O/OXO	Latch & Deadbolt	+47.0	-47.0	+47.0	-47.0
O/XO, O/OX, O/OXO	Multipoint	+47.0	-47.0	+47.0	-47.0

See Sheet 5 for Hardware Specifications

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

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

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

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	11/15/17	RECESSED PANEL NOTATION	JK
NO.	DATE		BY

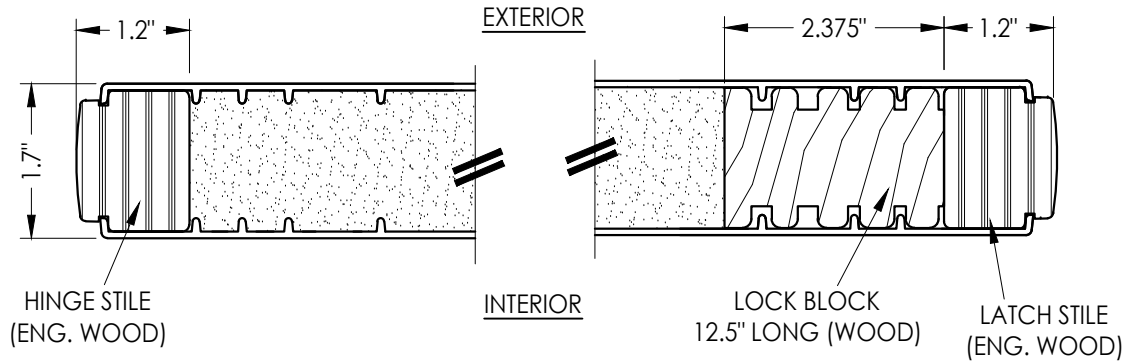
REVISIONS

DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.18
SHEET 1 OF 15

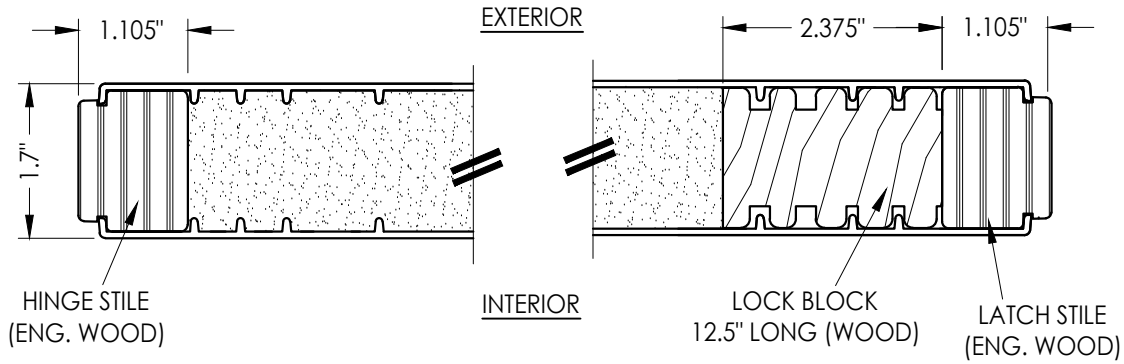
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FBPE Registry No. 9813

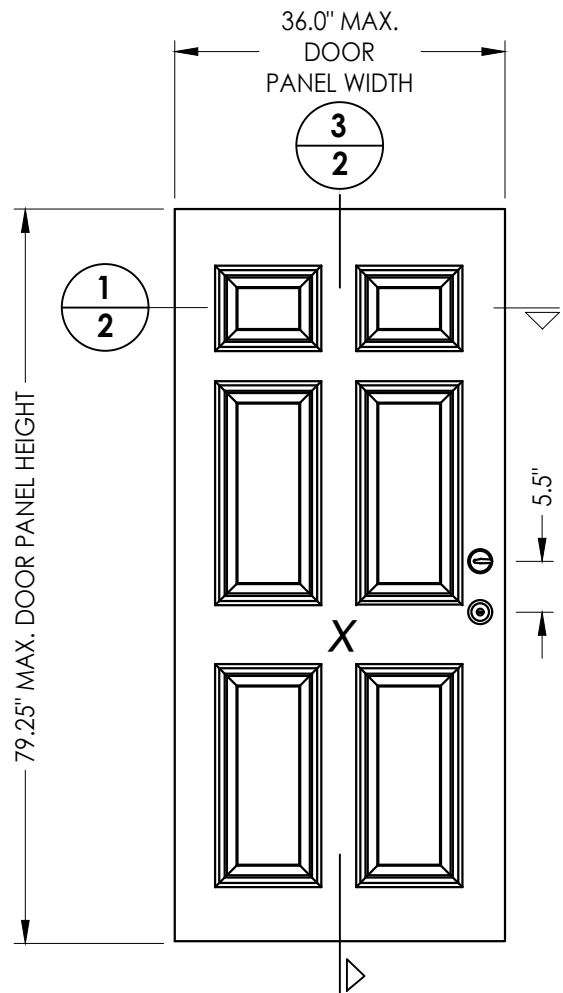
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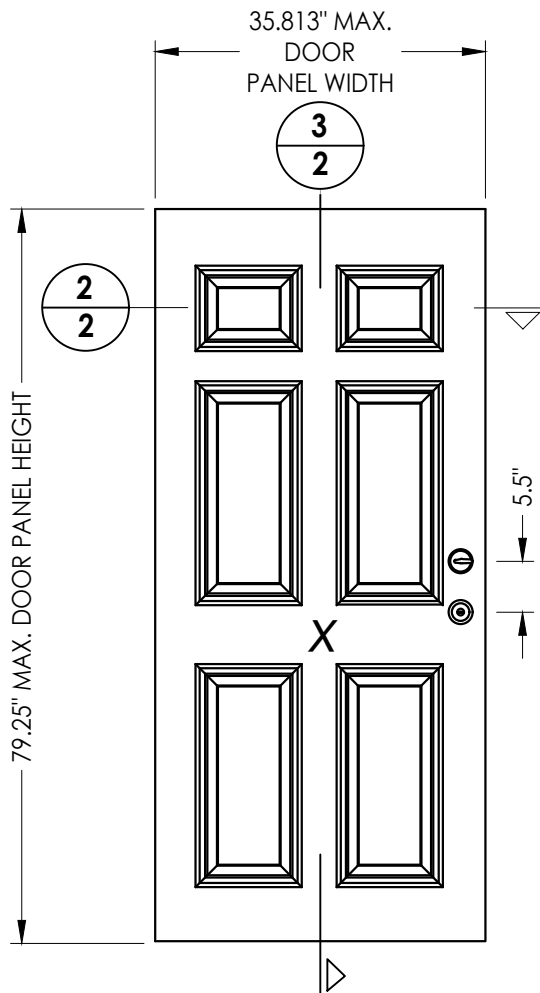
1
2 HORIZONTAL CROSS SECTION



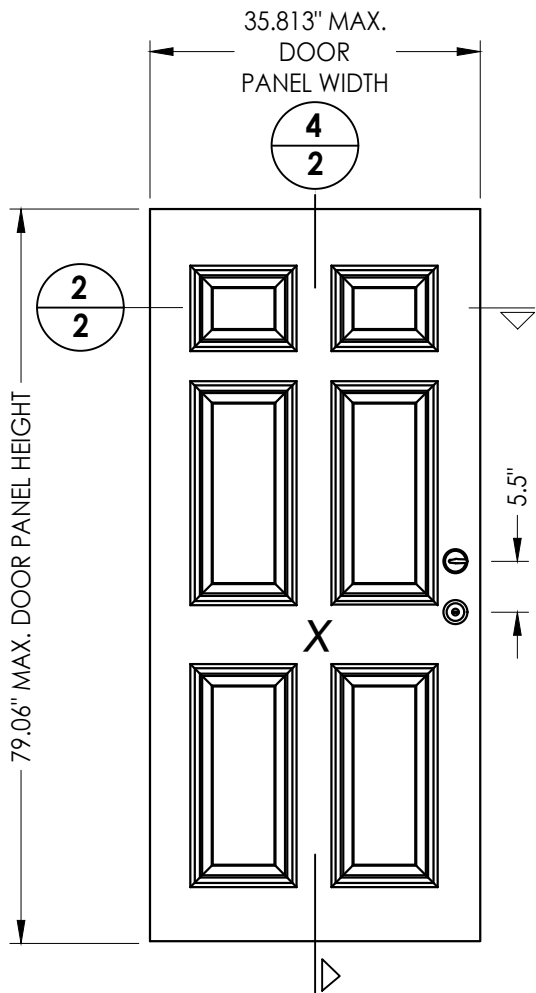
2
2 HORIZONTAL CROSS SECTION



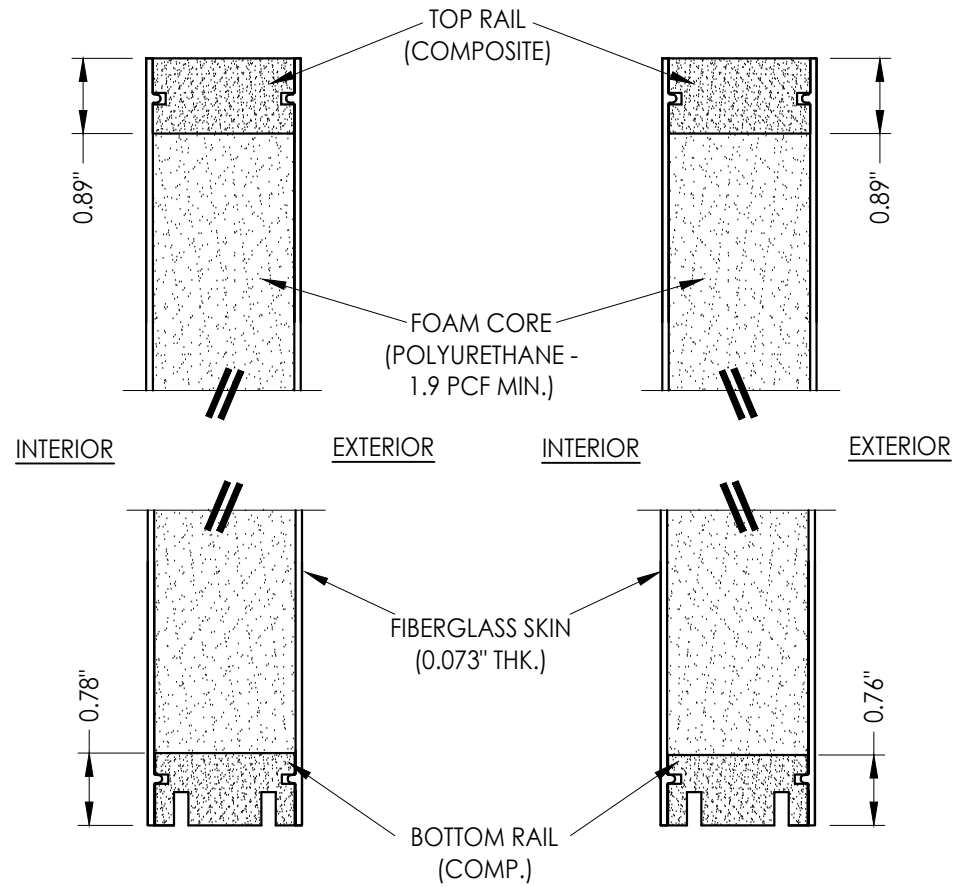
40 DOOR PANEL
BOOK



41 DOOR PANEL
Hybrid Door



42 DOOR PANEL
U1 Door



3
2 VERTICAL CROSS SECTION

4
2 VERTICAL CROSS SECTION

Documents Prepared By:
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P.E. No. 43409

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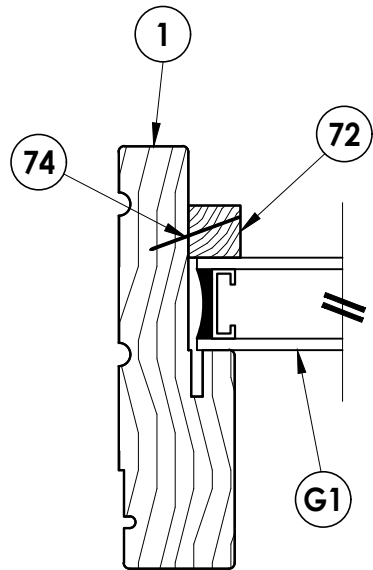
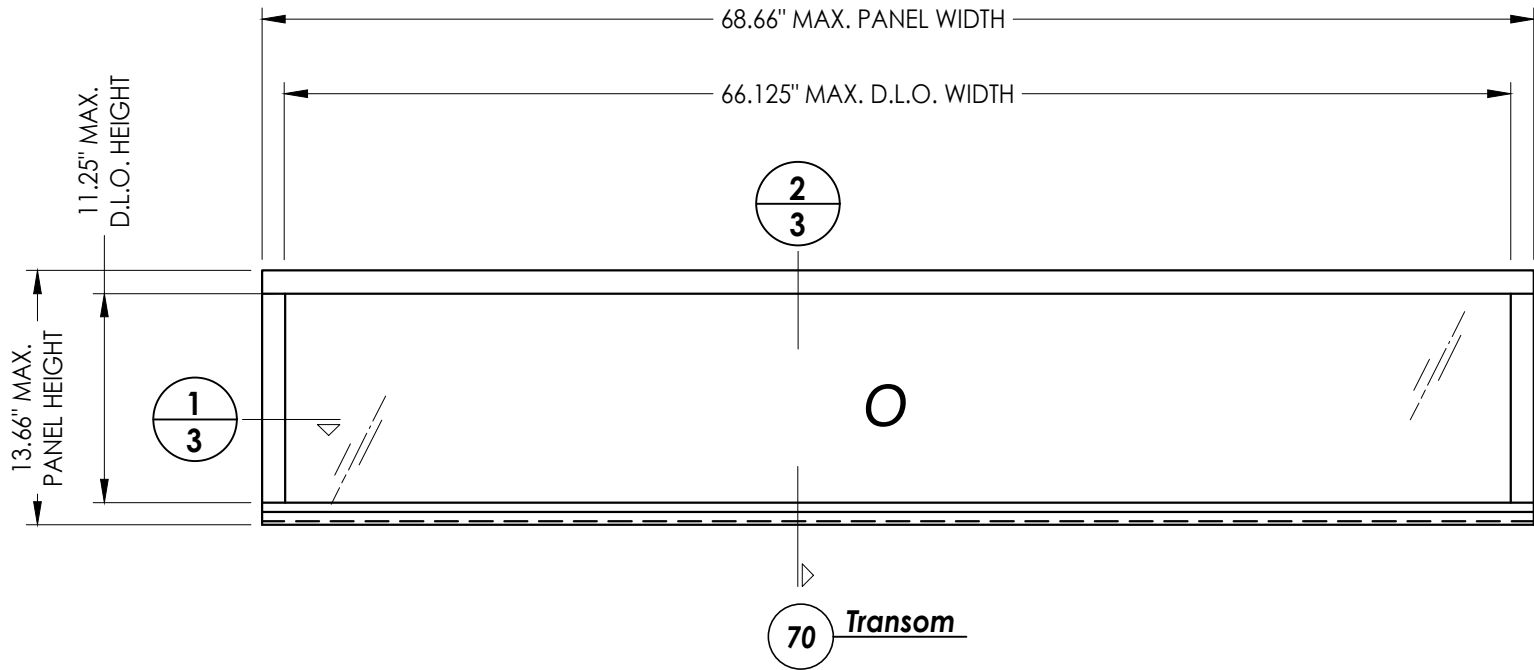
PRODUCT:
THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

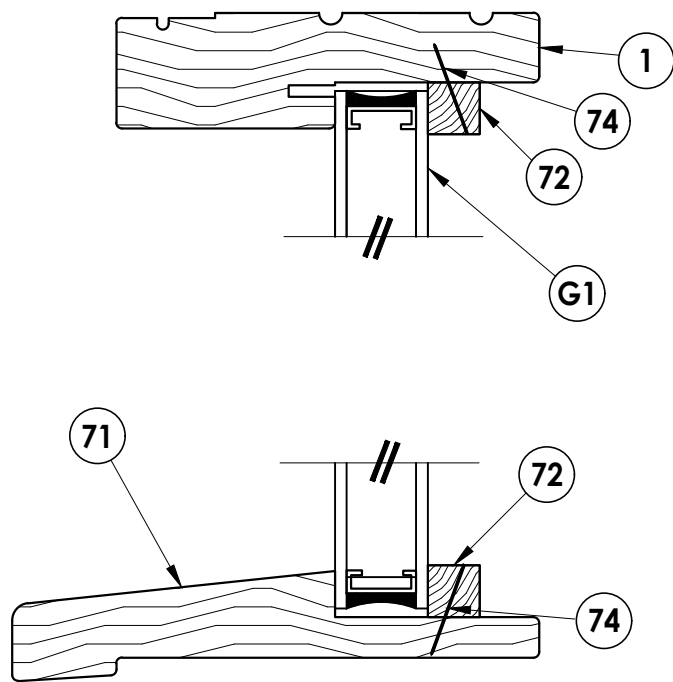
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5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/23/23	UPDATE TO 8TH ED. (2023) FBC
3	7/16/20	UPDATE TO 7TH ED (2020) FBC
2	10/10/18	REV. DOOR PANEL OPTION NOTE
1	11/15/17	RECESSED PANEL NOTATION

DATE:	07/07/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21133.18
SHEET	2 OF 15

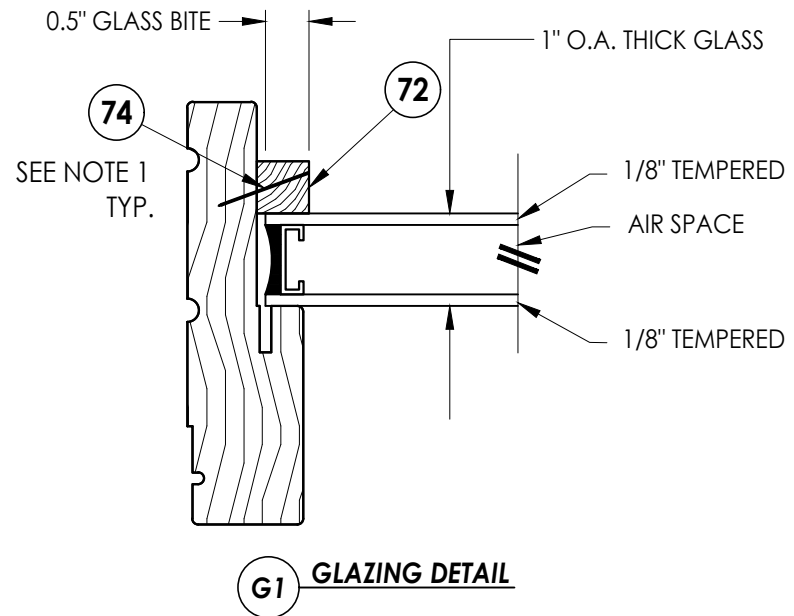
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1
3 HORIZONTAL CROSS SECTION



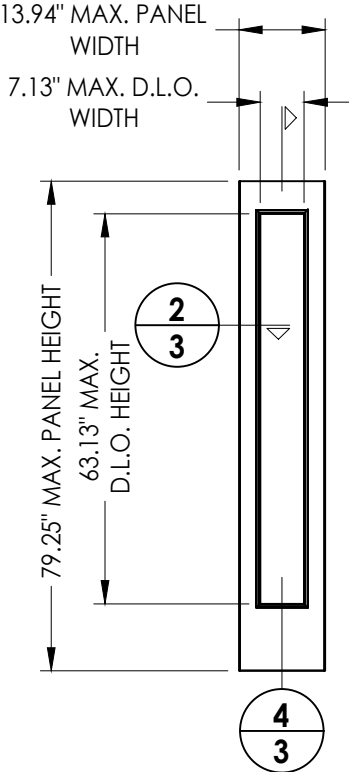
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3 VERTICAL CROSS SECTION



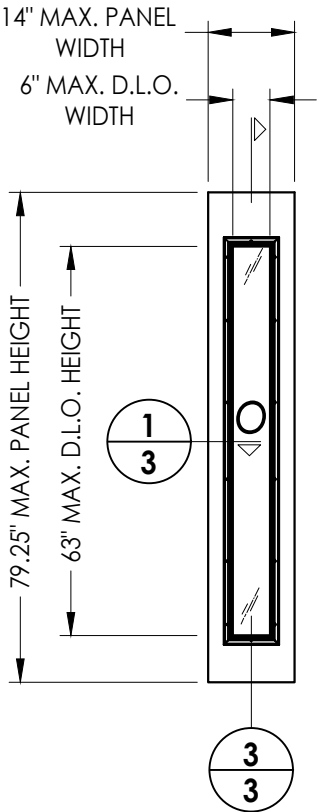
NOTE:
1. Attach transom molding with item #74, located 4" each end and 6" o.c. thereafter.

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PRODUCT: THERMA TRU FIBERGLASS DOOR		PART OR ASSEMBLY: TRANSOM DETAILS	
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	MT
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-21133.18			
SHEET 3 OF 15			

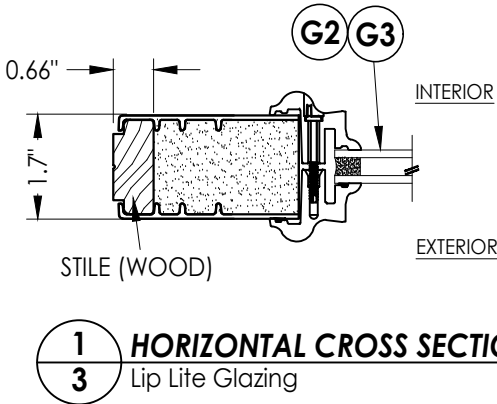
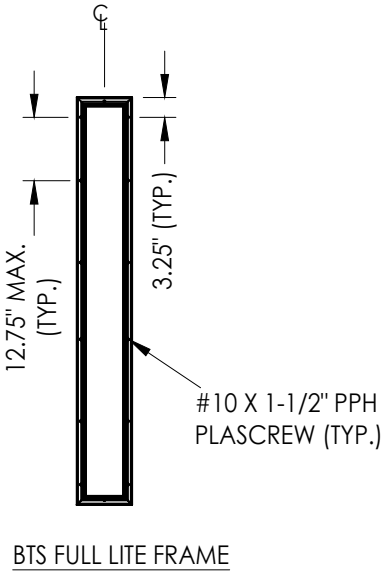
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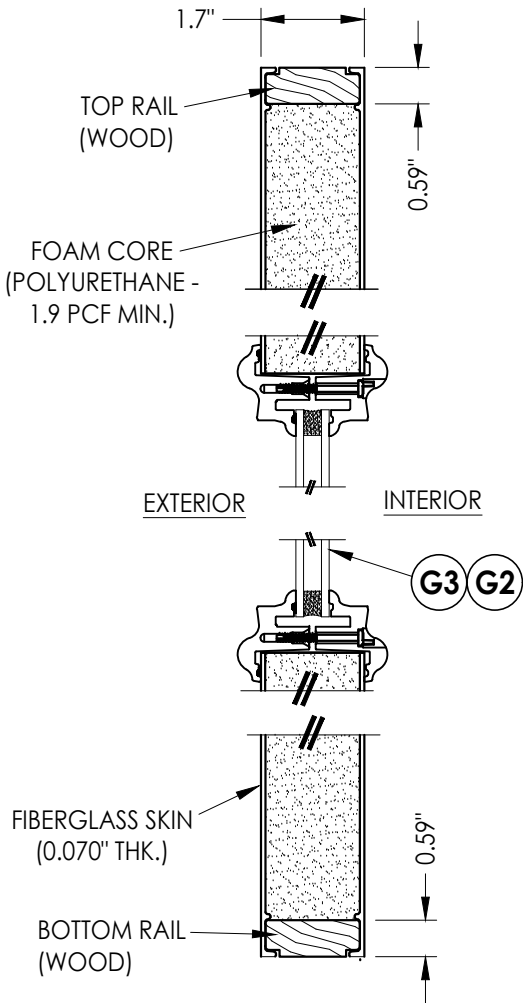
60 SIDELITE PANEL
Full Lite
Flush Glazed



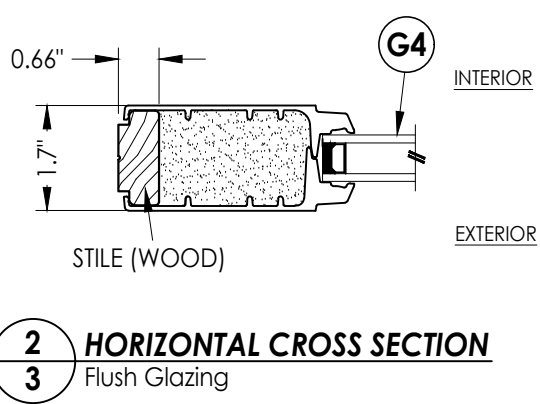
50 SIDELITE PANEL
Full Lite
Lip Lite



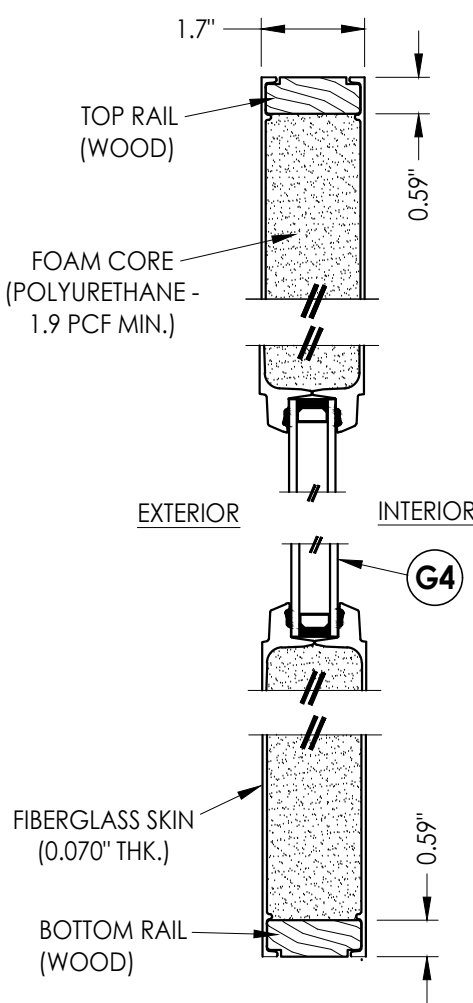
1/3 HORIZONTAL CROSS SECTION
Lip Lite Glazing



3/3 VERTICAL CROSS SECTION
Lip Lite Glazing Shown



2/3 HORIZONTAL CROSS SECTION
Flush Glazing



4/3 VERTICAL CROSS SECTION
Flush Glazing Shown

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

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS &
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	JK
1	11/15/17	RECESSED PANEL NOTATION	JK	BY
NO.	DATE			

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

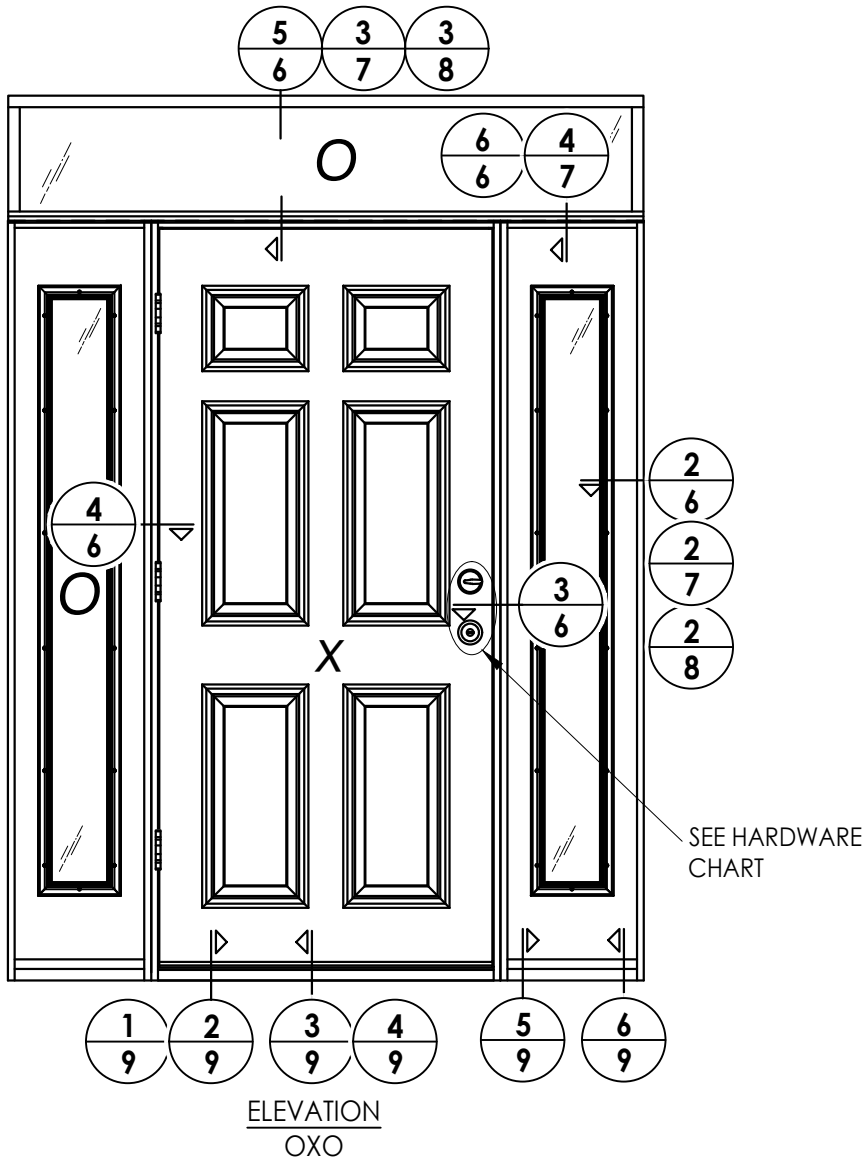
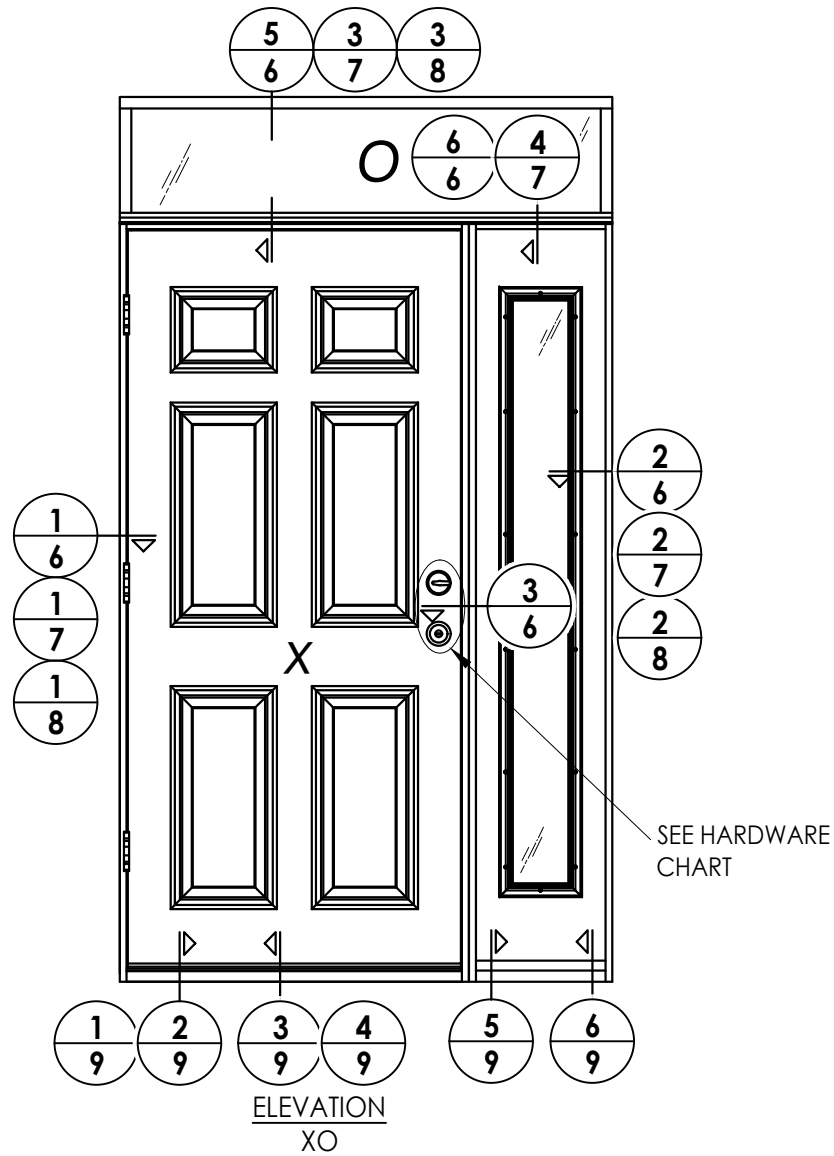
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SHEET 4 OF 15

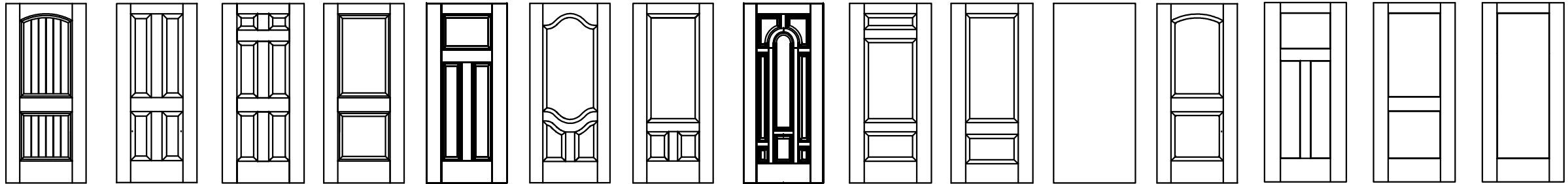
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HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
HOPPE (THERMA-TRU)	MULTIPOINT : MPDGART (3 pt. Manual Tongue)	



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.

Documents Prepared By:
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PRODUCT:

THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

ELEVATIONS

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21133.18

SHEET 5 OF 15

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 11/15/17 RECESSED PANEL NOTATION

NO. DATE

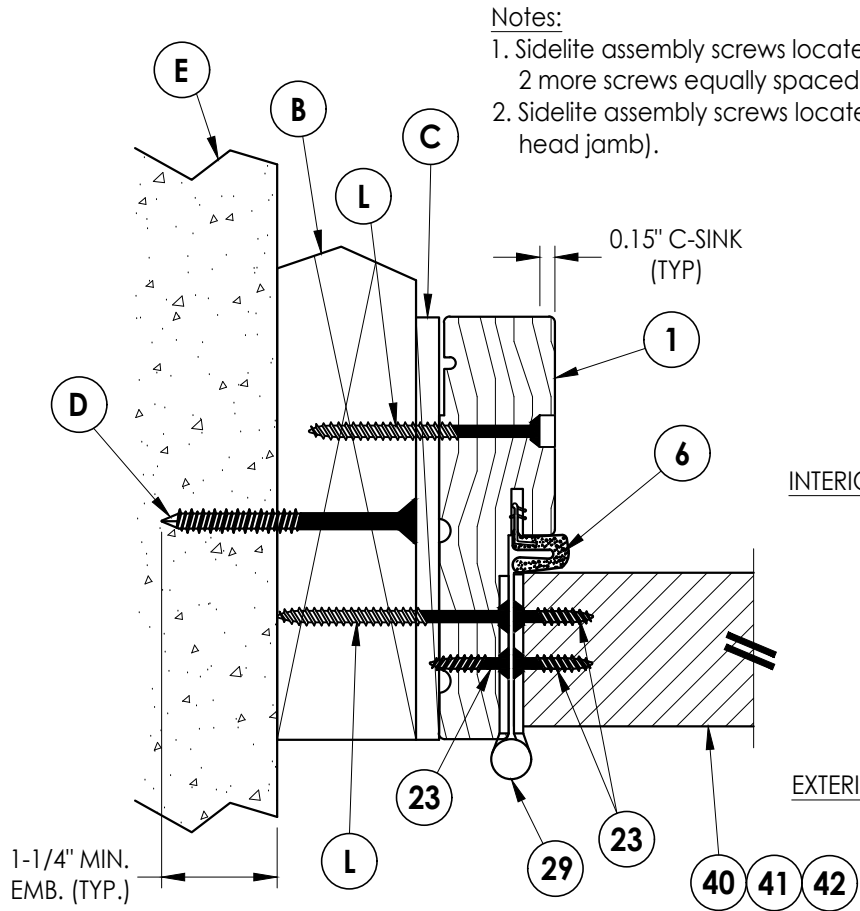
REVISIONS

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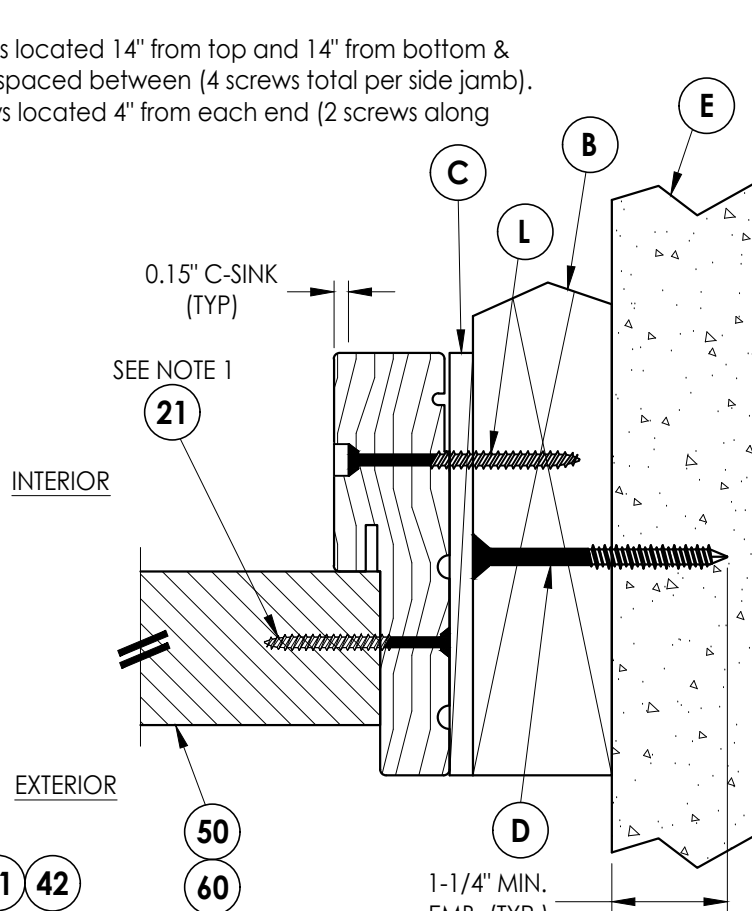
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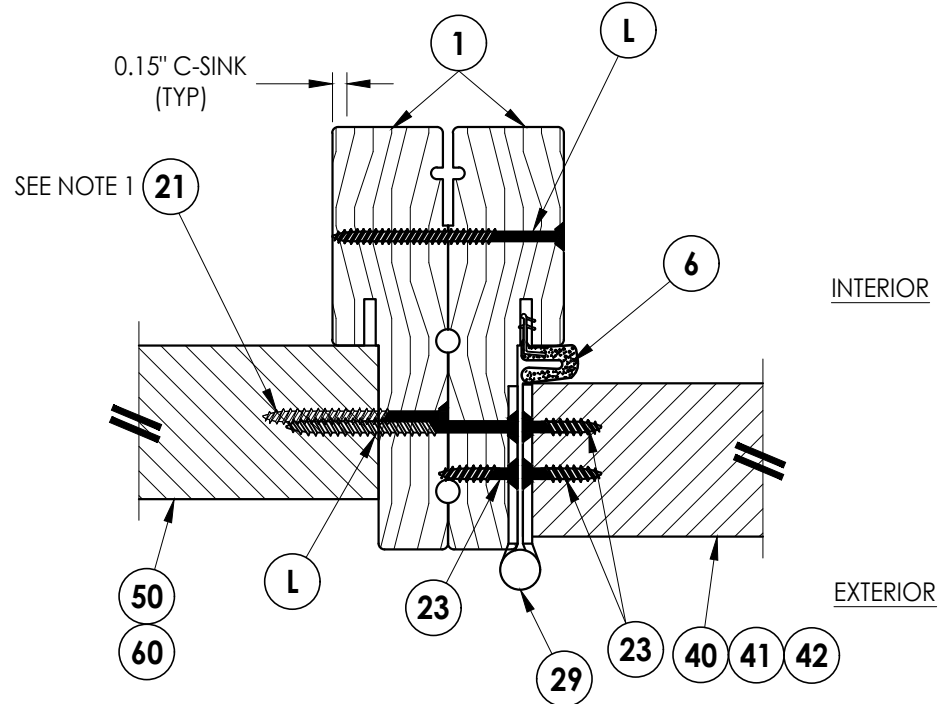
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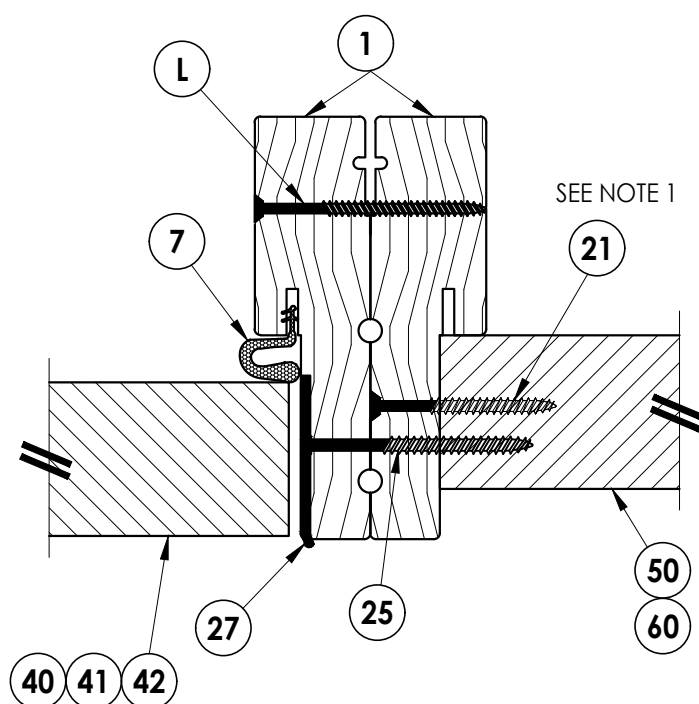
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6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



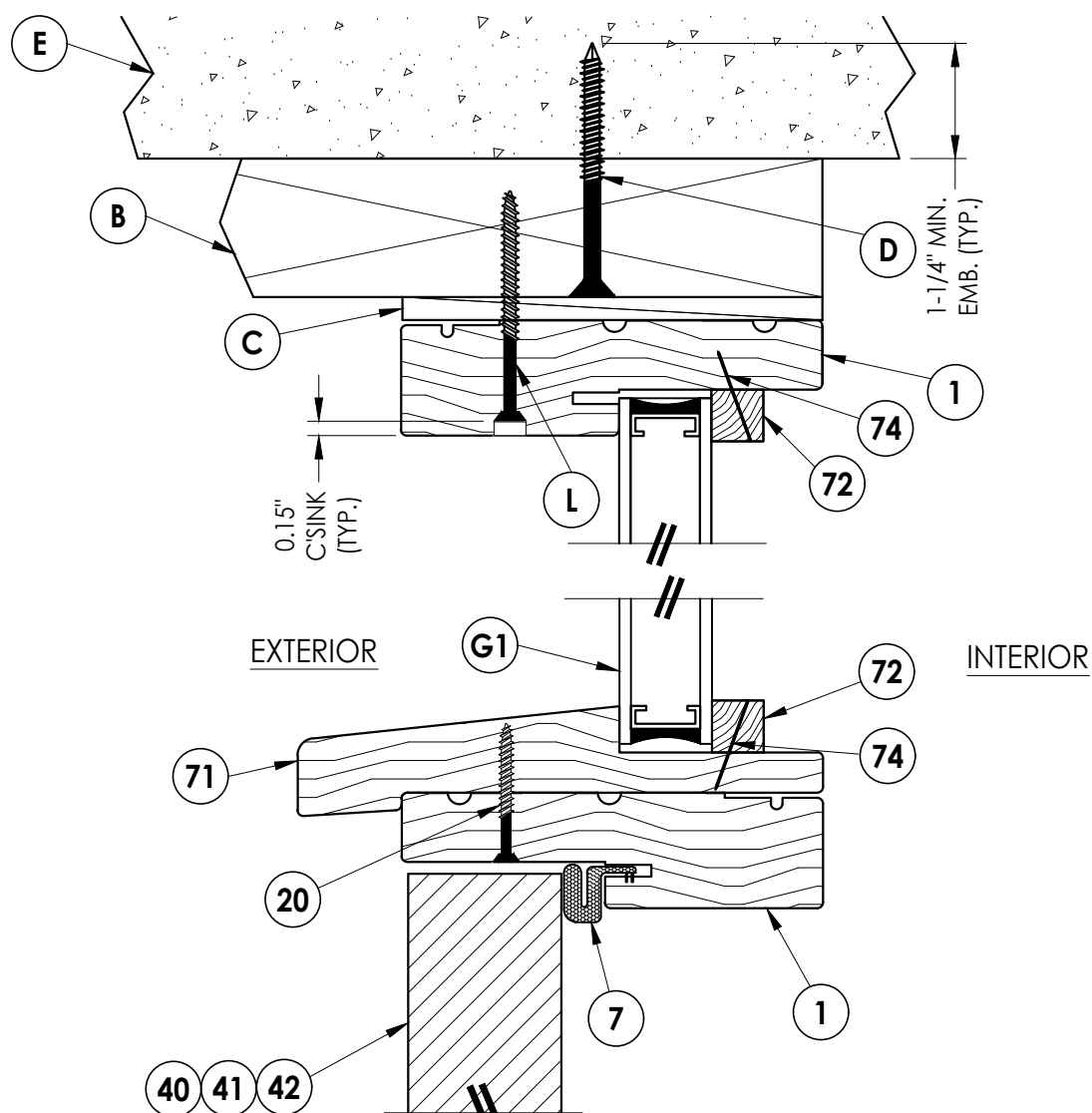
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6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



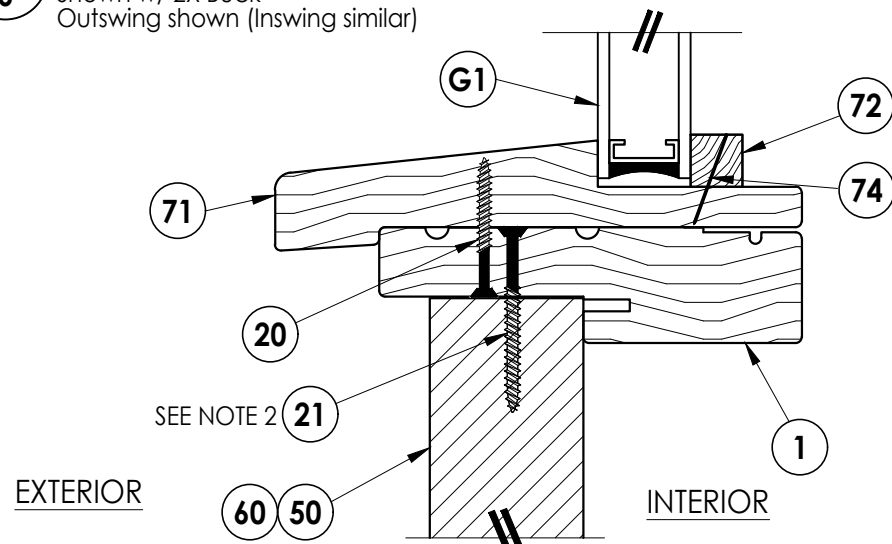
4
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



3
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



5
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



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

Documents Prepared By:
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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
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	11/15/17	RECESSED PANEL NOTATION

DATE: 07/07/17

SCALE: N.T.S.

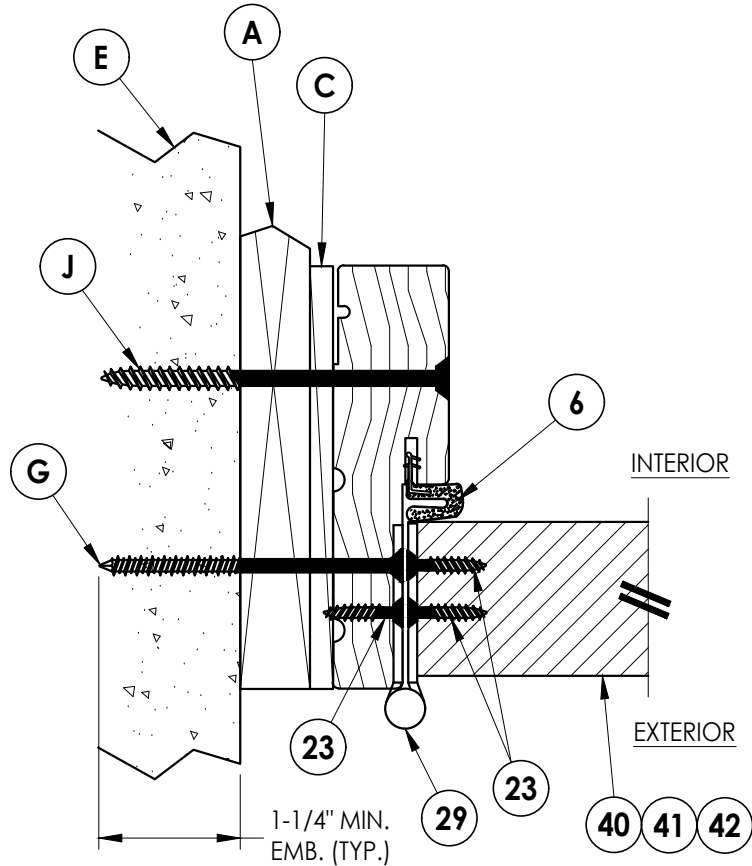
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CHK. BY: LFS

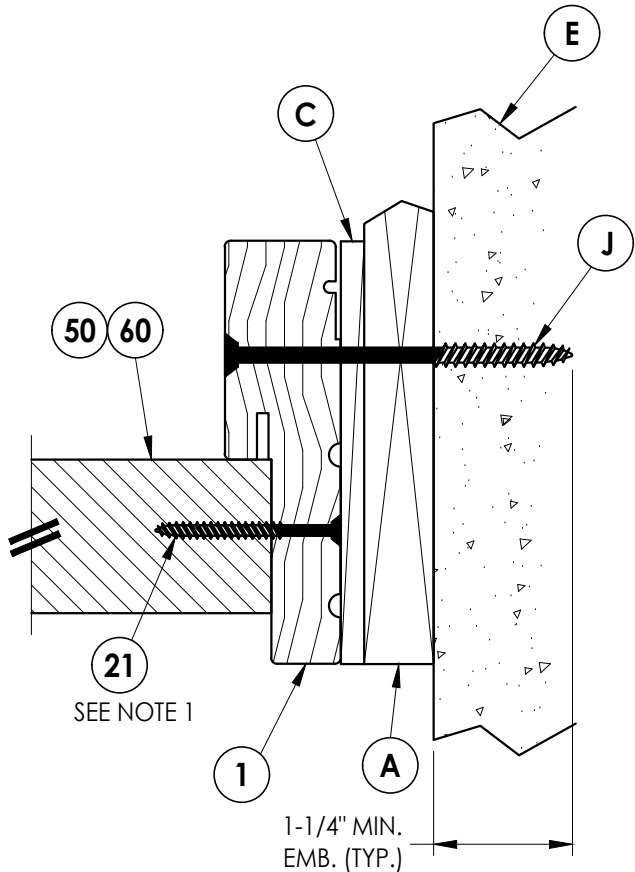
DRAWING NO.: FL-21133.18

SHEET 6 OF 15

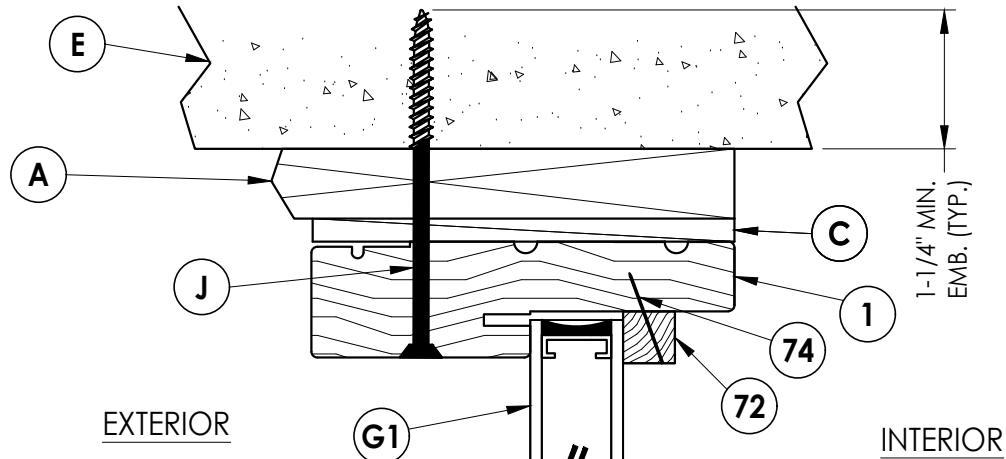
- Notes:
- Sidelite assembly screws located 14" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 - Sidelite assembly screws located 4" from each end (2 screws along head jamb).



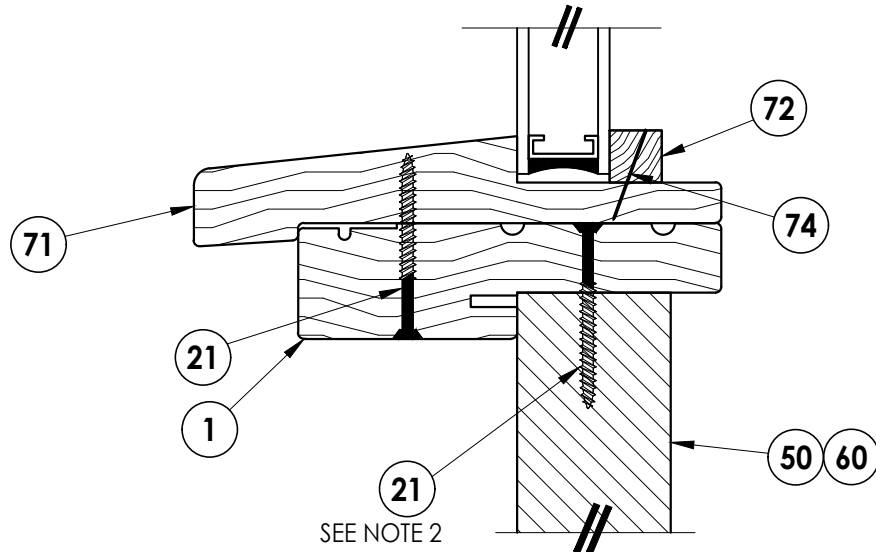
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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



4
7 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)

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Lyndon F. Schmidt
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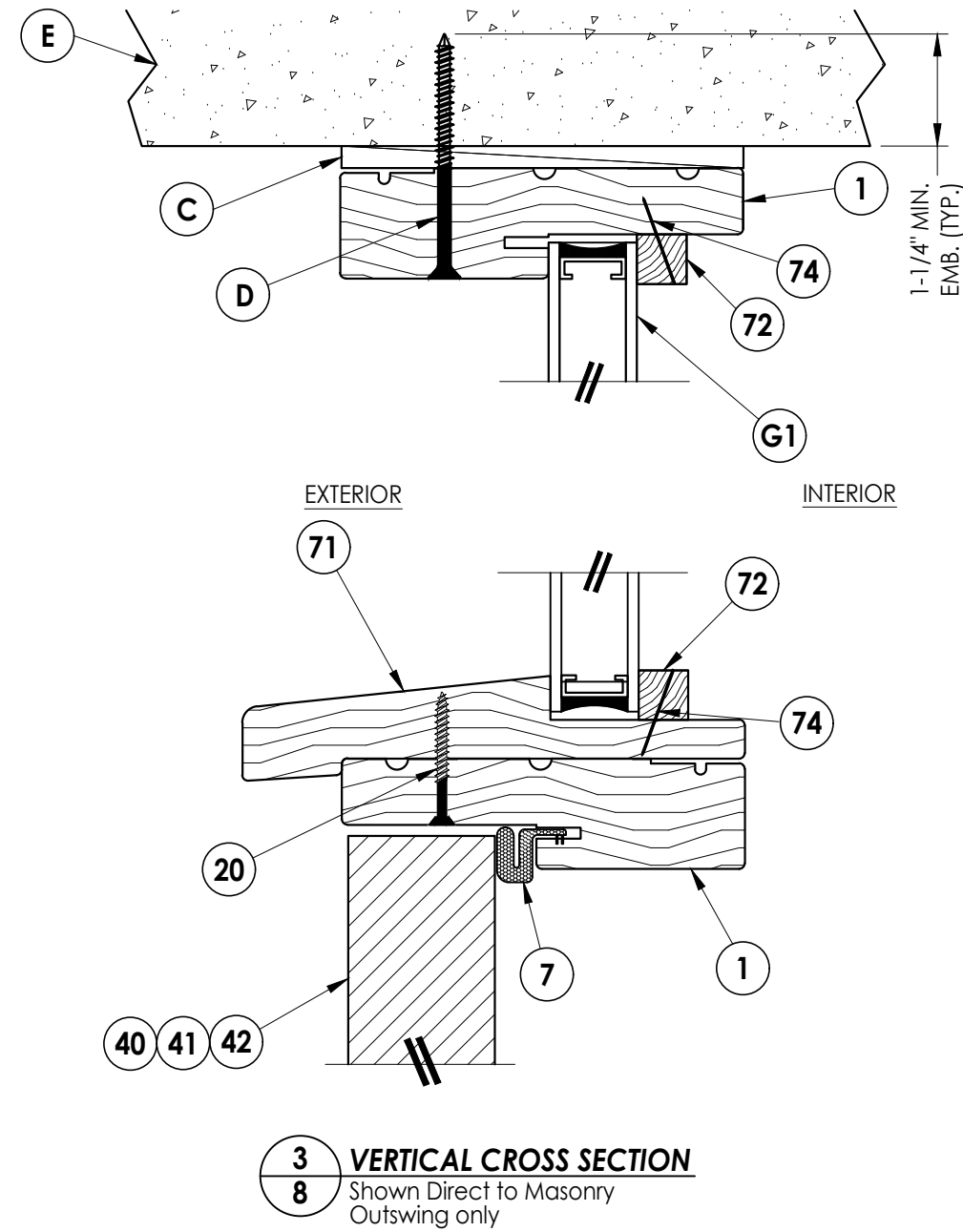
PRODUCT: THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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

DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.18
SHEET 7 OF 15

1. Sidelite assembly screws located 14" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).



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	11/15/17	RECESSED PANEL NOTATION		JK
NO.	DATE			
		REVISIONS		

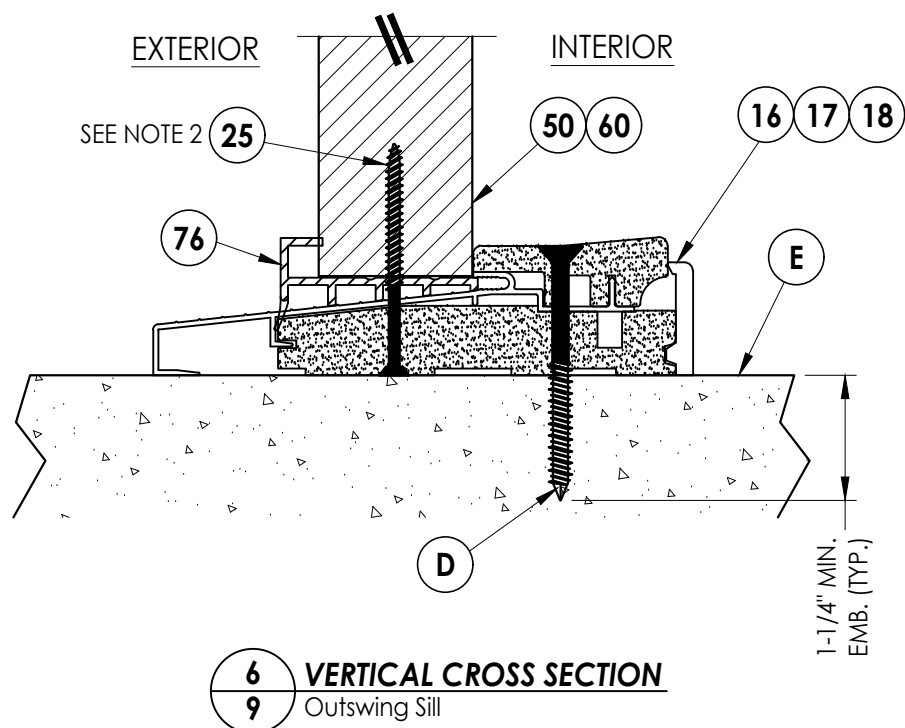
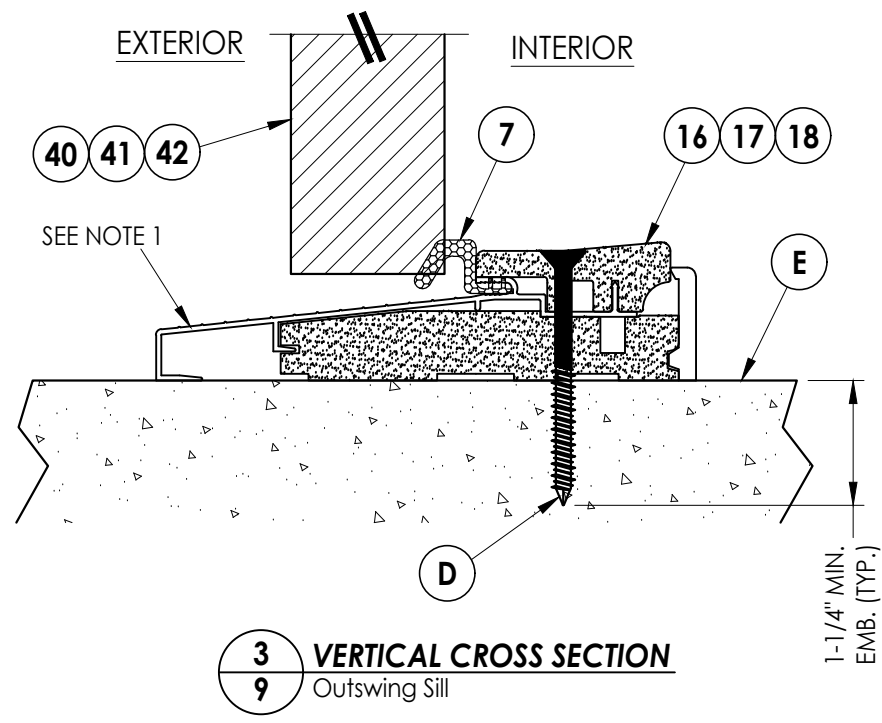
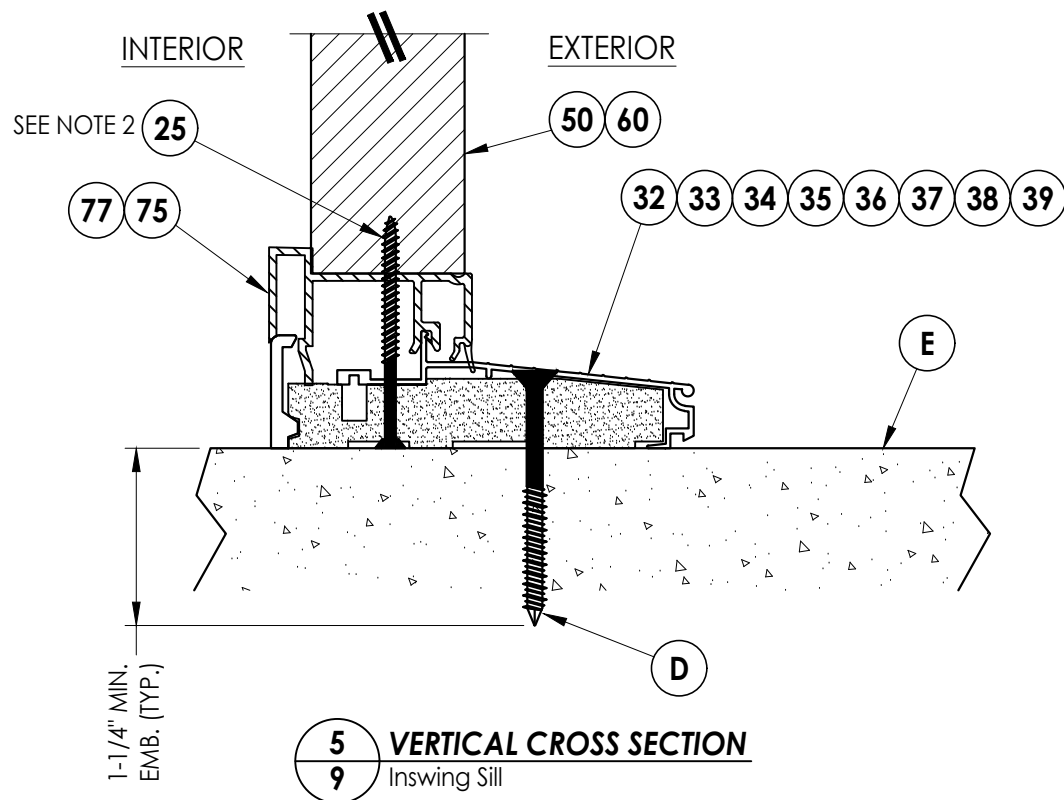
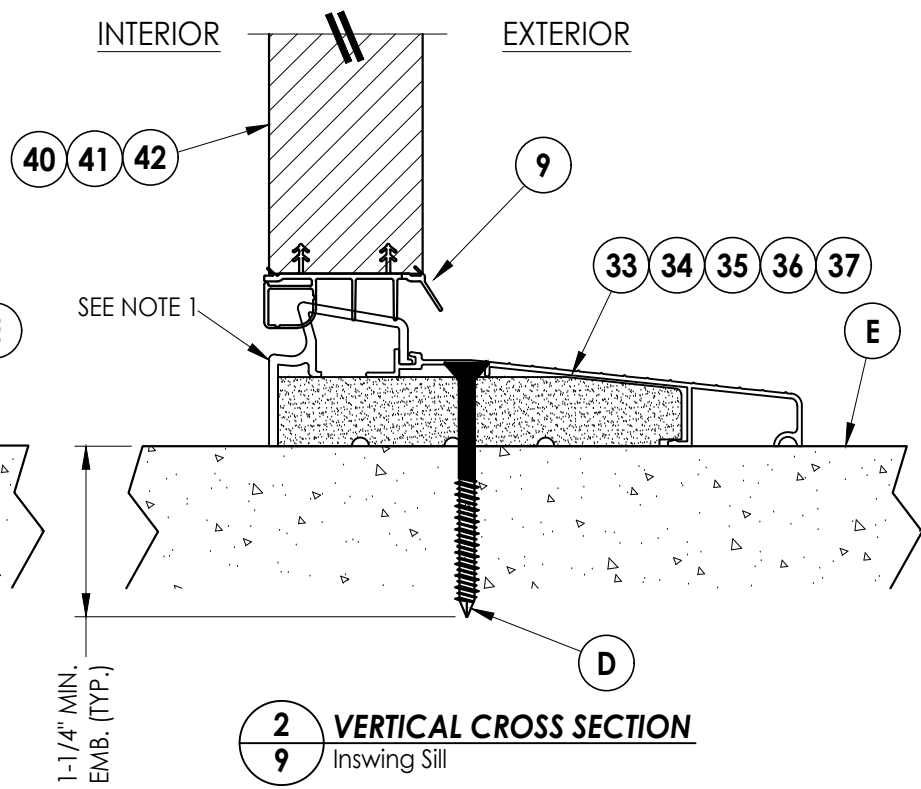
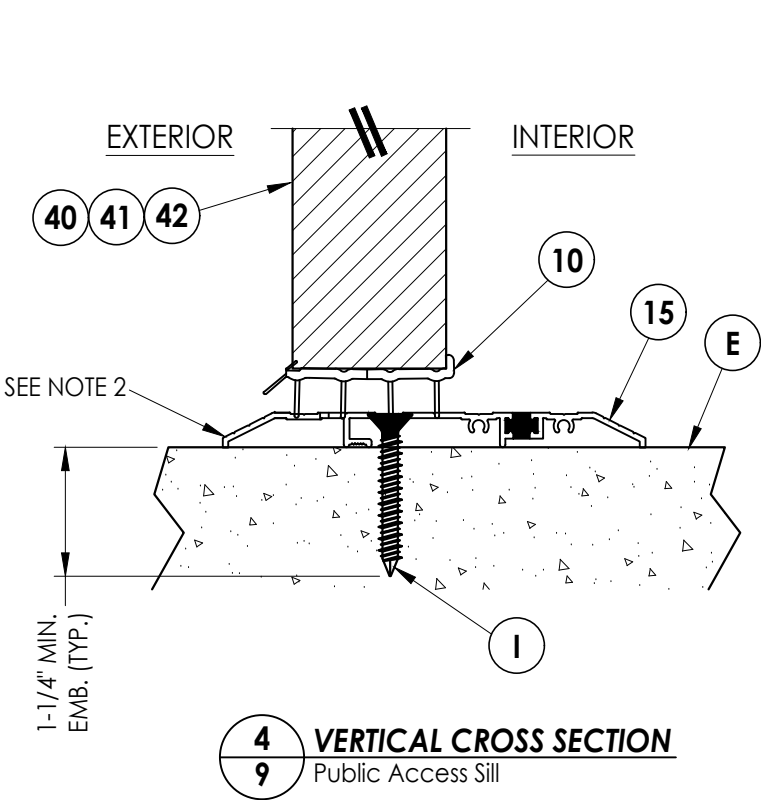
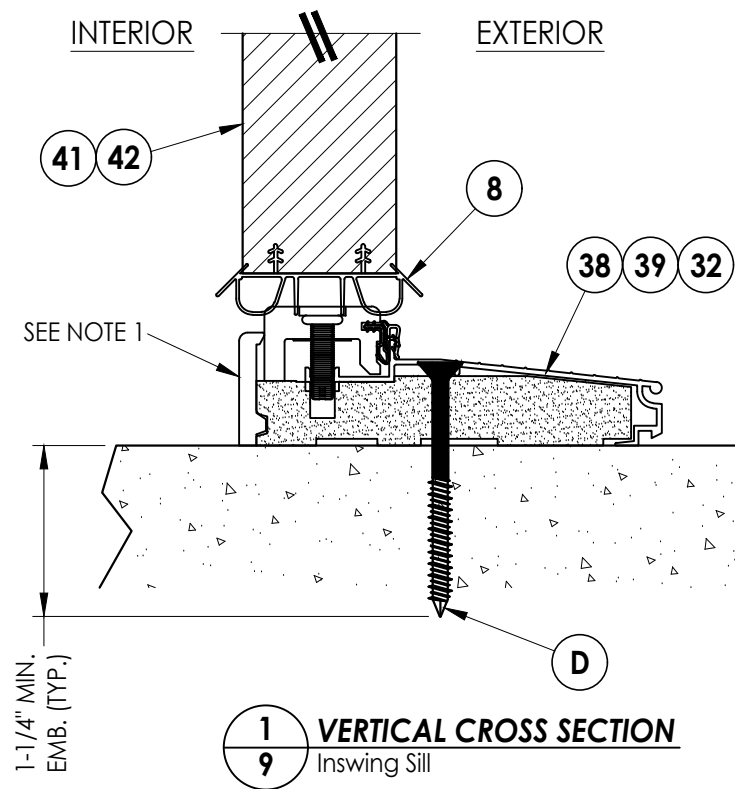
SHEET 8 OF 15

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

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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:
Lyndon F. Schmidt
P.E. No. 43409

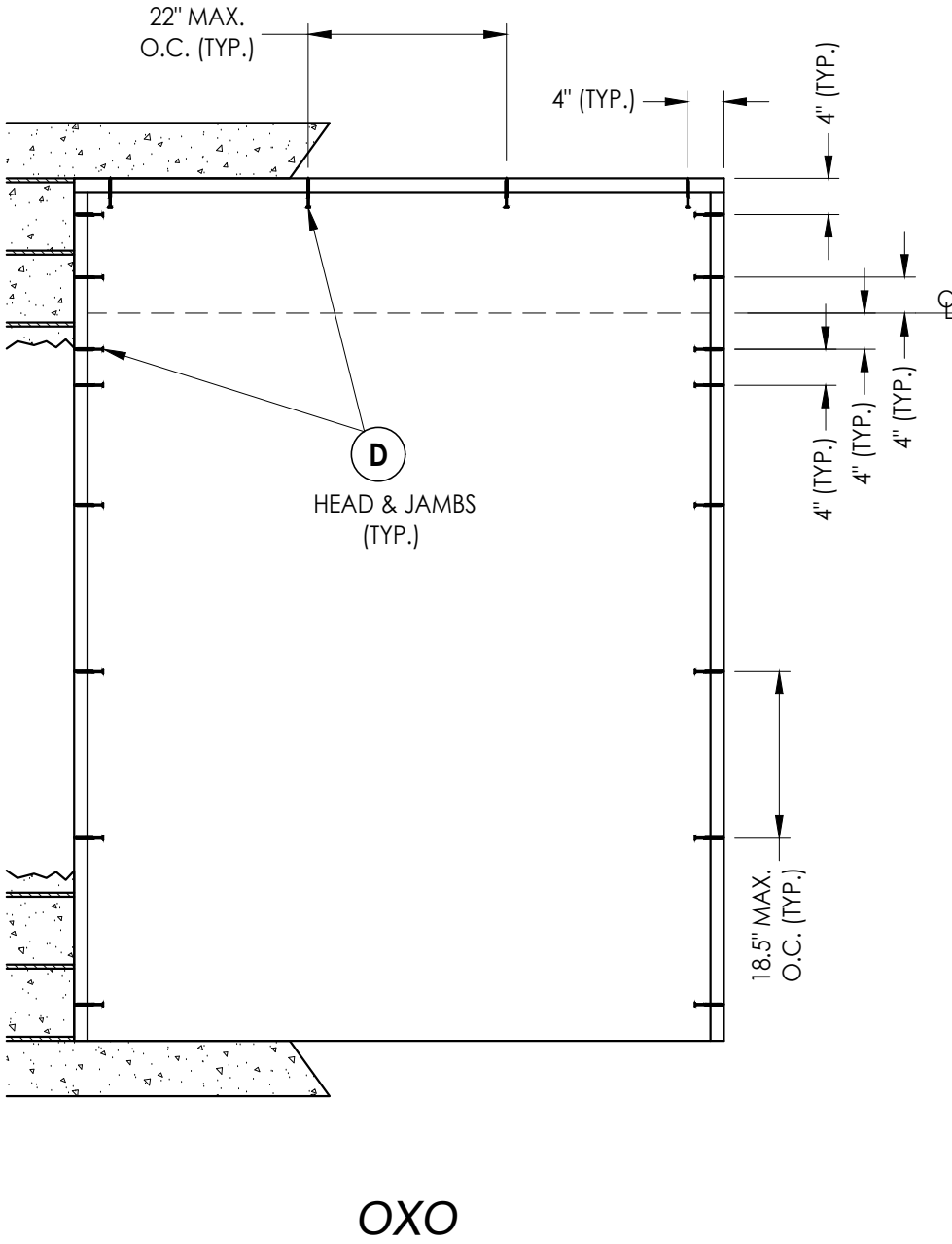
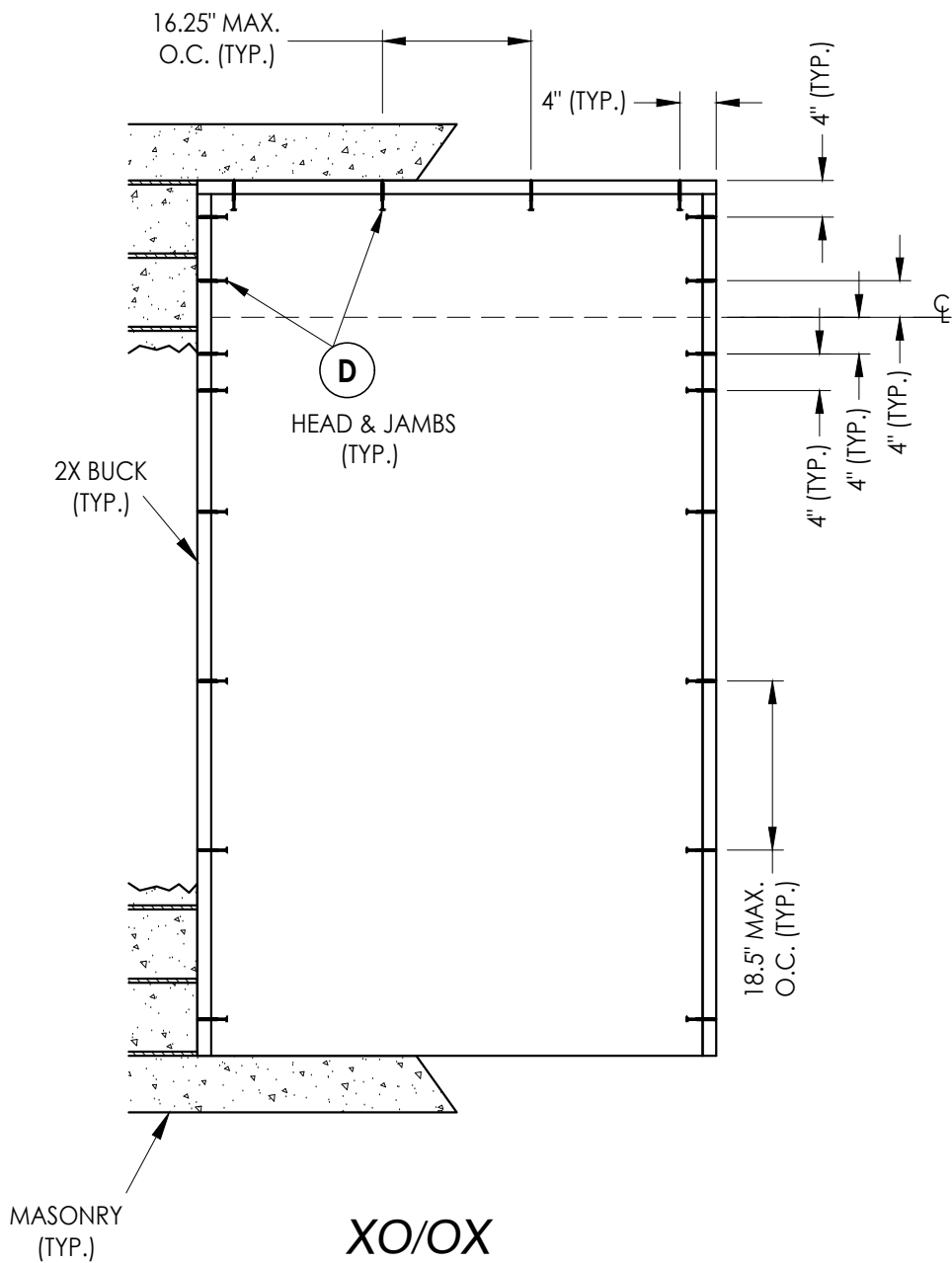
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: THERMA TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

	LFS	FBC	FBC	FBC	PO	MT	JK	BY
5	7/02/26	UPDATE TO 9TH ED. (2026)	UPDATE TO 8TH ED. (2023)	UPDATE TO 7th ED. (2020)	REV. DOOR PANEL OPTION NOTE	RECESSED PANEL NOTATION	NO.	DATE
4	8/23/23	UPDATE TO 8TH ED. (2023)	UPDATE TO 7th ED. (2020)	REV. DOOR PANEL OPTION NOTE	RECESSED PANEL NOTATION	RECESSED PANEL NOTATION	NO.	DATE
3	7/16/20	UPDATE TO 7th ED. (2020)	UPDATE TO 6th ED. (2017)	UPDATE TO 5th ED. (2014)	UPDATE TO 4th ED. (2011)	UPDATE TO 3rd ED. (2008)	NO.	DATE
2	10/10/18	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	REV. DOOR PANEL OPTION NOTE	NO.	DATE
1	11/15/17	RECESSED PANEL NOTATION	RECESSED PANEL NOTATION	RECESSED PANEL NOTATION	RECESSED PANEL NOTATION	RECESSED PANEL NOTATION	NO.	DATE

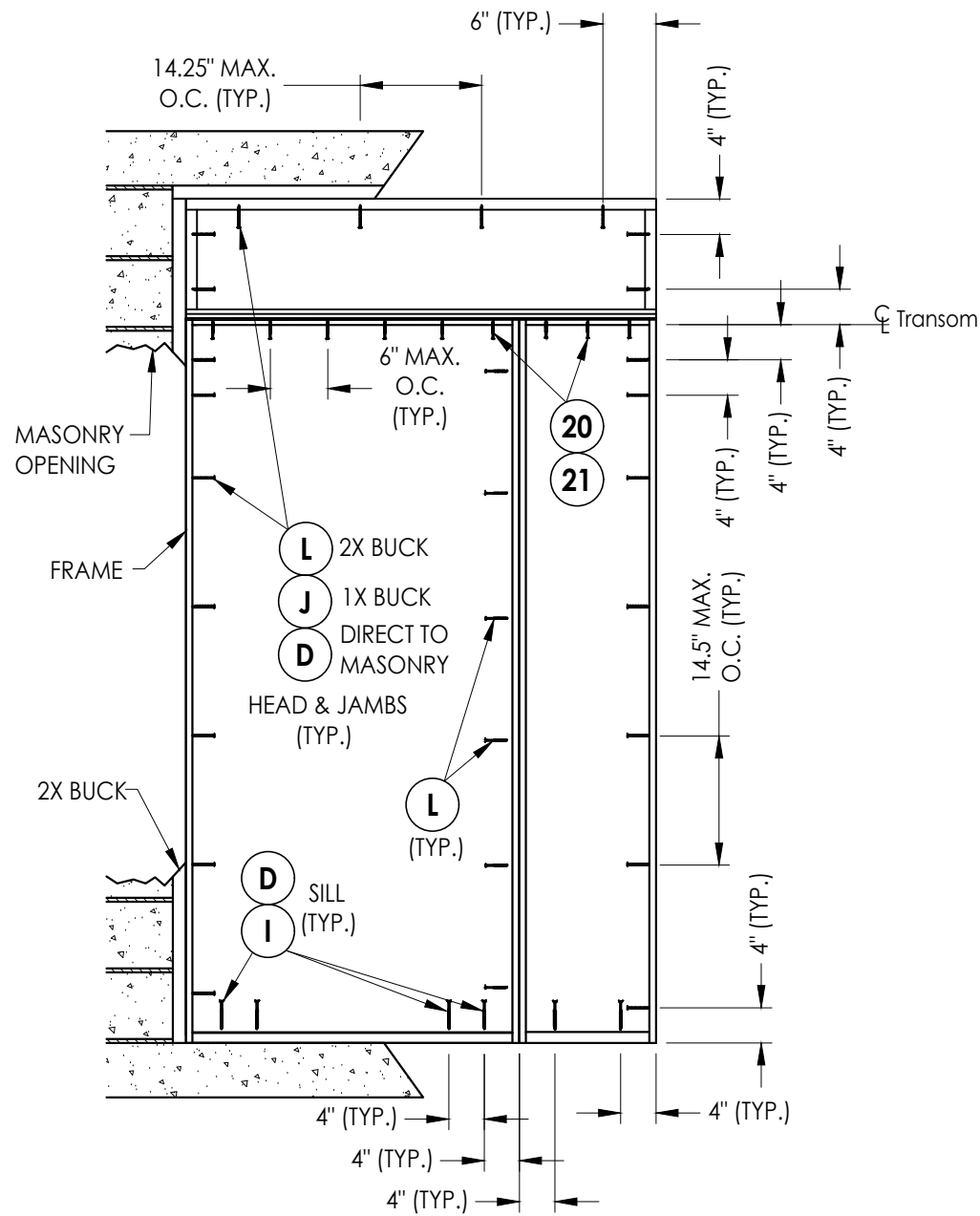
DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.18
SHEET 9 OF 15



2X BUCK ANCHORING

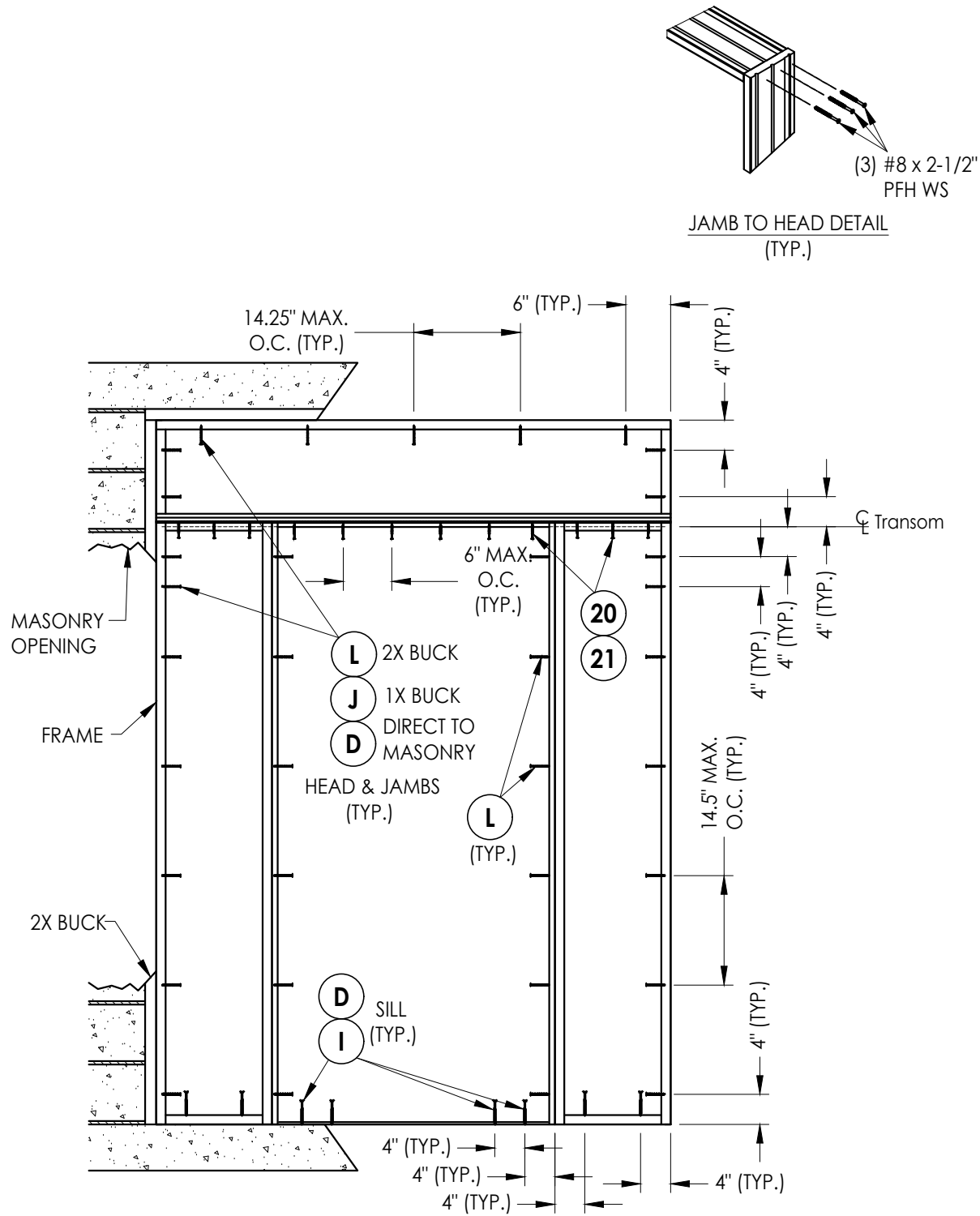
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: THERMA TRU FIBERGLASS DOOR				PART OR ASSEMBLY: BUCK ANCHORING			
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC				
4	8/23/23	UPDATE TO 8TH ED. (2023)	FBC				
3	7/16/20	UPDATE TO 7th ED (2020)	FBC				
2	10/10/18	REV. DOOR PANEL OPTION NOTE	MT				
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-21133.18							
SHEET 10 OF 15							

Z:\2023 FBC Drawings\Therma-Tru\FL-21133 R12\FL-21133.17-18.dwg

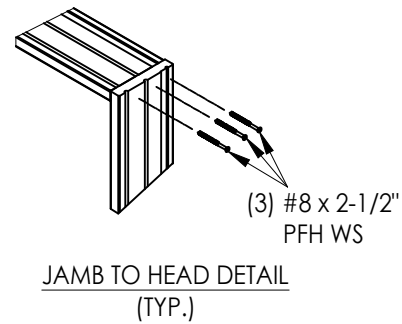


XO/OX

FRAME ANCHORING



OXO



NO.	DATE	REVISIONS					
		DATE	BY	JK	MT	PO	LFS
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					
1	11/15/17	RECESSED PANEL NOTATION					

DATE: 07/07/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21133.18

SHEET 11 OF 15

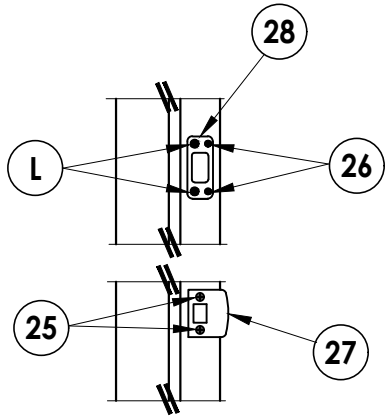
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
THERMA TRU
FIBERGLASS DOOR

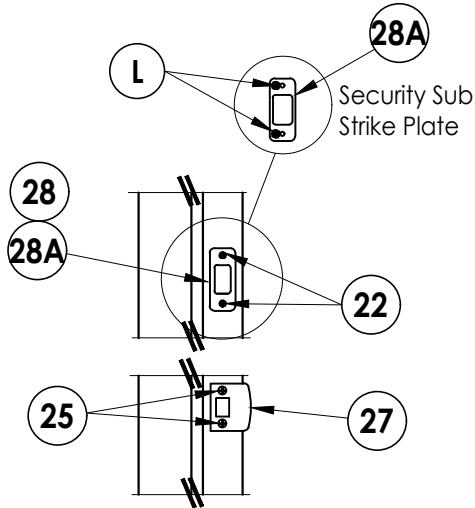
PART OR ASSEMBLY:
FRAME ANCHORING

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

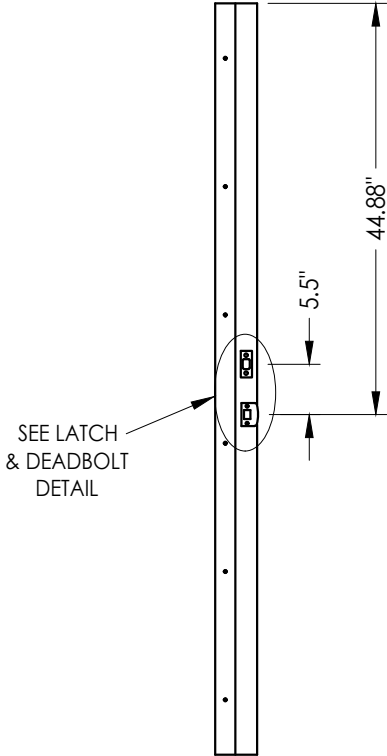
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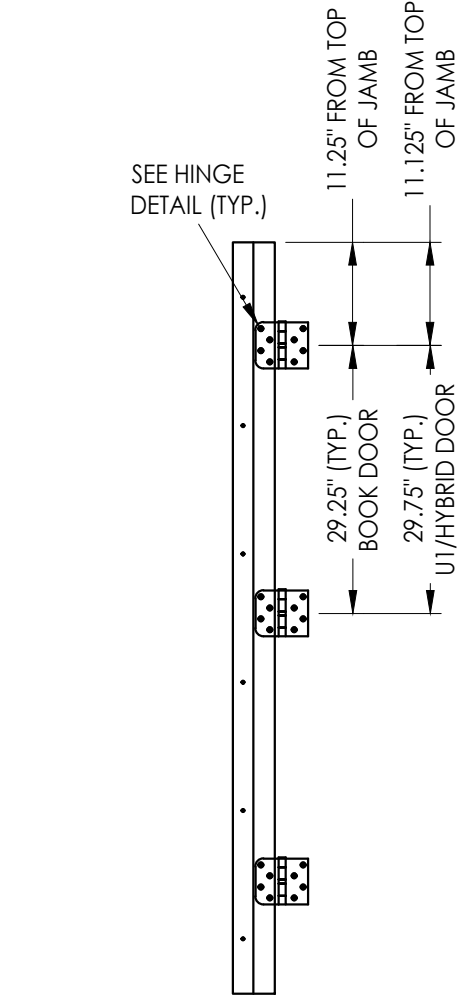
LATCH & DEADBOLT DETAIL
Kwikset



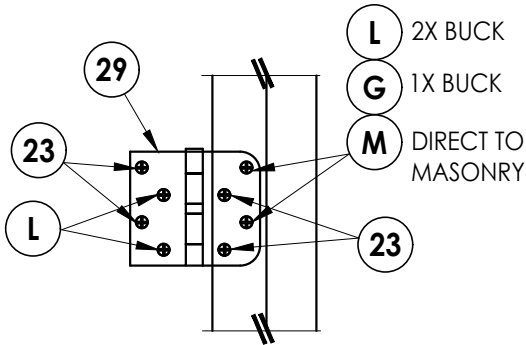
LATCH & DEADBOLT DETAIL
Schlage



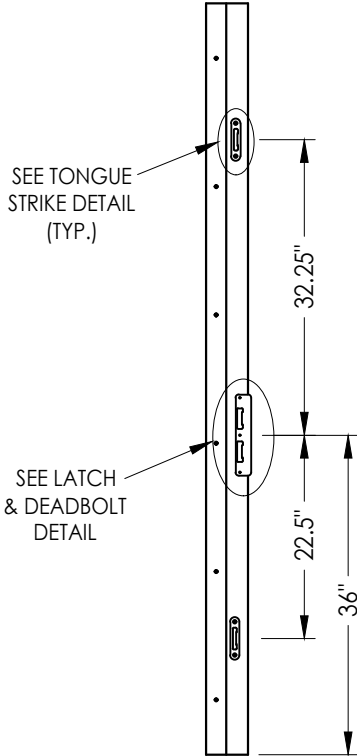
STRIKE JAMB
Latch and Deadbolt



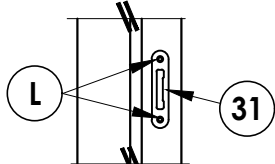
HINGE JAMB



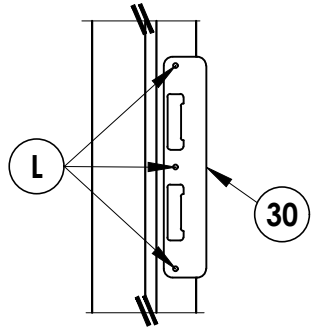
HINGE DETAIL



STRIKE JAMB
Multipoint Lock



TONGUE STRIKE DETAIL
Multipoint Lock

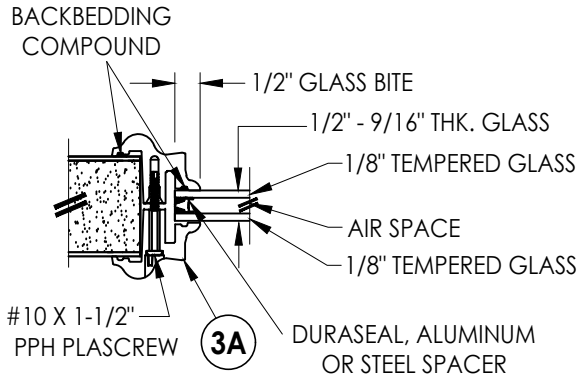


LATCH & DEADBOLT DETAIL
Multipoint Lock

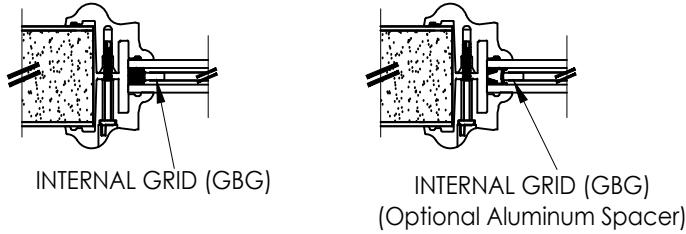
MULTIPOINT LOCK STRIKE DETAILS

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	
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	MT
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-21133.18			
SHEET 12 OF 15			

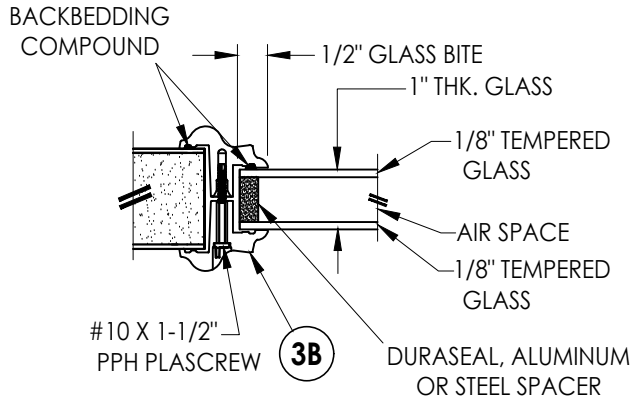
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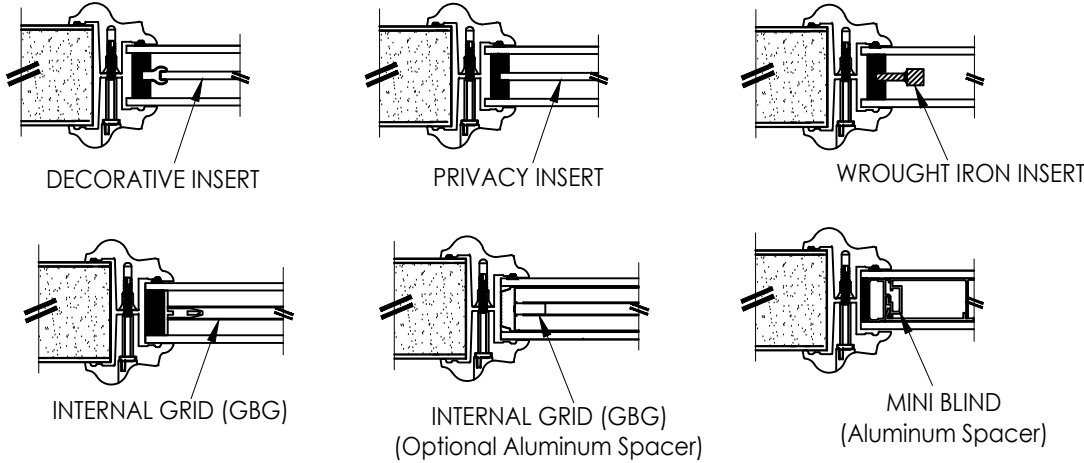
G2 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



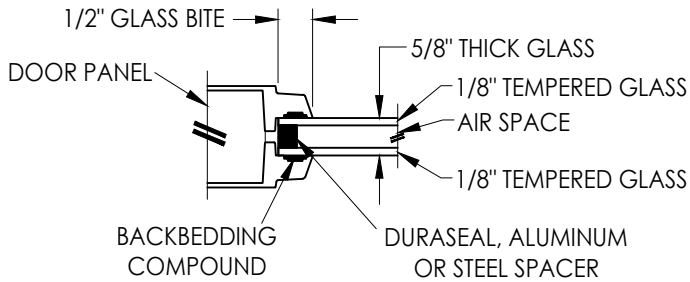
9/16" INSULATED GLASS INSERT OPTIONS



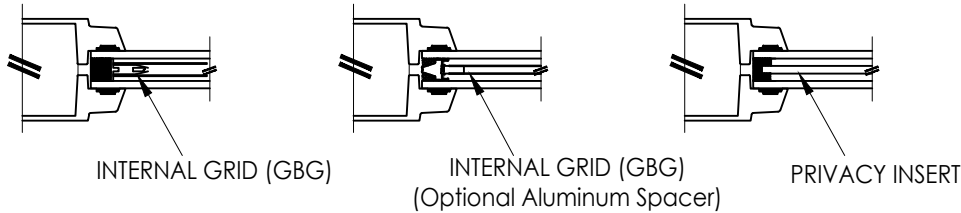
G3 GLAZING DETAIL
BTS Lite Frame
Door Panels & Sidelites



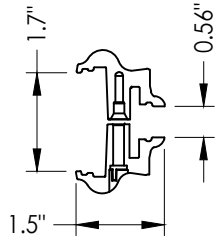
1" INSULATED GLASS INSERT OPTIONS



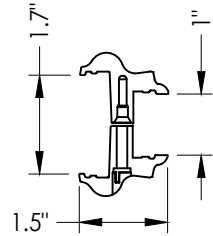
G4 GLAZING DETAIL
Flush Glazing
Door Panels



5/8" INSULATED GLASS INSERT OPTIONS



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



3B BTS LITE FRAME
1" Glazing

Documents Prepared By:
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P.E. No. 43409

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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

NO.	DATE	REVISIONS
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	11/15/17	RECESSED PANEL NOTATION JK

DATE: 07/07/17

SCALE: N.T.S.

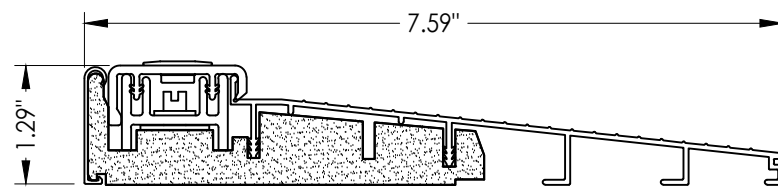
DWG. BY: JK

CHK. BY: LFS

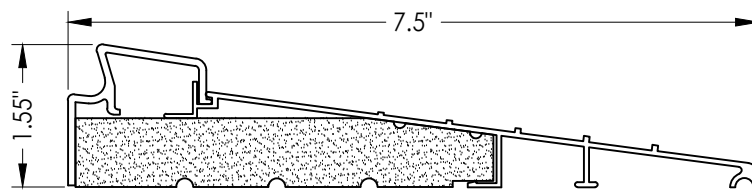
DRAWING NO.:

FL-21133.18

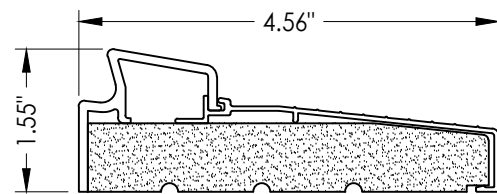
SHEET 13 OF 15



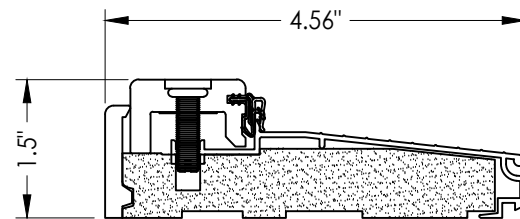
32 **INSWING THRESHOLD**
Inswing Basic Composite Adjustable Sill 7-1/2"



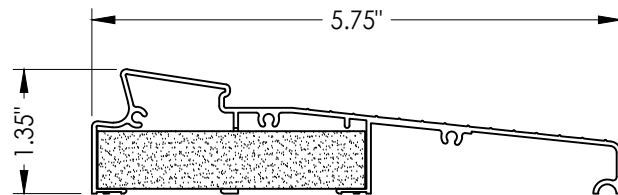
37 INSWING THRESHOLD



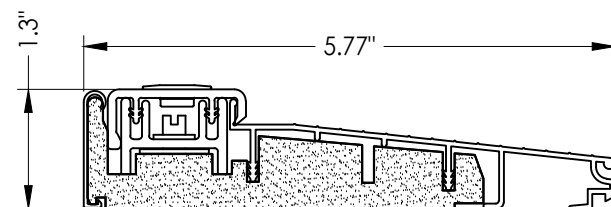
33 **INSWING THRESHOLD**



38 INSWING THRESHOLD

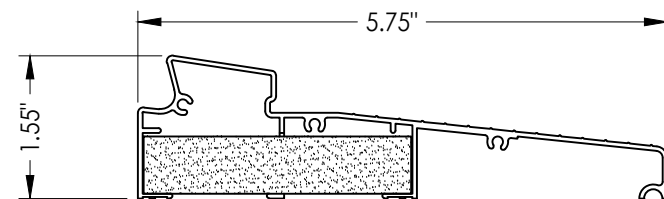


34 **INSWING THRESHOLD**
Inswing Moderate Climate Sill 1-3/8"

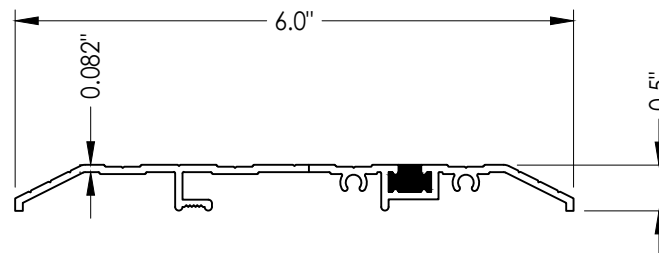


39 INSWING THRESHOLD

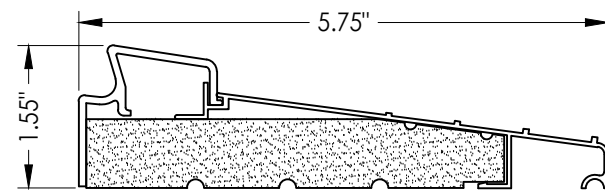
Inswing Basic Composite Adjustable Sill



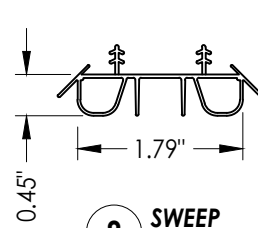
35 **INSWING THRESHOLD**
Inswing Moderate Climate Sill



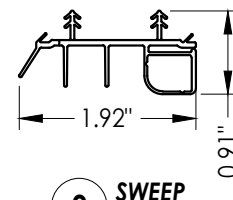
15 PUBLIC ACCESS THRESHOLD



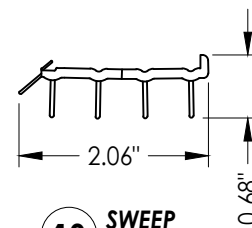
36 INSWING THRESHOLD



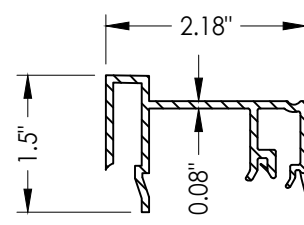
8 ***SWEEP***



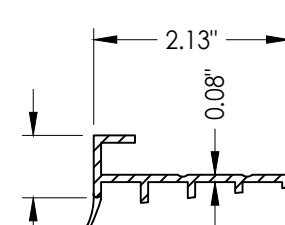
9 SWEEP



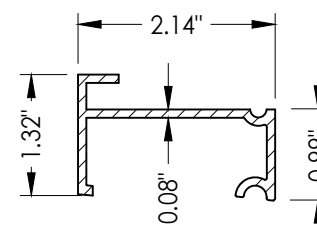
10 ***SWEEP***



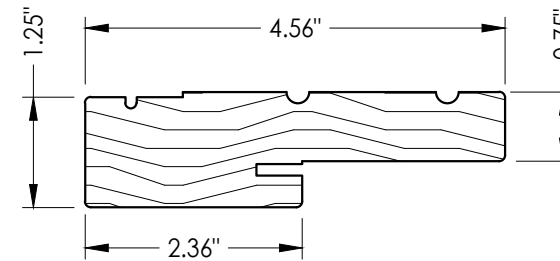
75 **SIDELITE SPACER**
Inswing



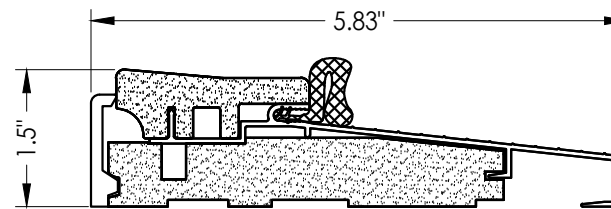
76 **SIDELITE SPACER**
Outswing



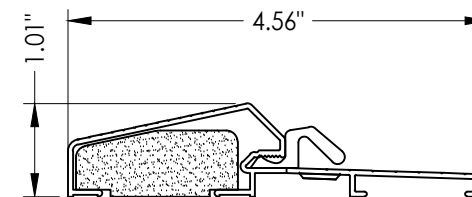
77 **SIDELITE SPACER**
Inswing
Moderate Climate Threshold



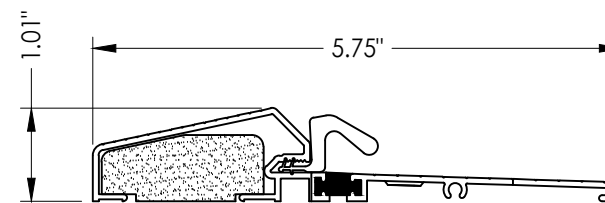
1 WOOD JAMB



16 **OUTSWING THRESHOLD**
Composite Sill



17 **OUTSWING THRESHOLD**



18 **OUTSWING THRESHOLD**
Composite / Aluminum Sill
(Thermal Break)

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	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-21133.18

SHEET 14 OF 15

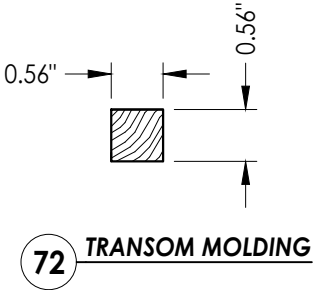
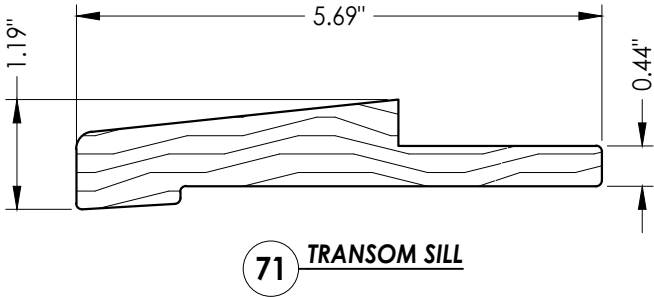
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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BILL OF MATERIALS			BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL	ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD	27	LATCH STRIKE PLATE	STEEL
B	2X BUCK (SG >= 0.42)	WOOD	28	DEADBOLT STRIKE PLATE	STEEL
C	1/4" MAX. SHIM SPACE	-	28A	DEADBOLT SUB STRIKE PLATE	STEEL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	29	4" X 4" HINGE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	30	LATCH & DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
			31	MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)	ALUM/COMP
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	32	INSWING THRESHOLD	ALUM/COMP
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	33	INSWING THRESHOLD	ALUM/COMP
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	34	INSWING THRESHOLD	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	35	INSWING THRESHOLD	ALUM/COMP
M	3/16" X 2-1/4" 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	ADA THRESHOLD	ALUM	50	SIDELITE (FULL LITE)	-
16	OUTSWING THRESHOLD	ALUM/COMP	60	SIDELITE (FLUSH GLAZED)	-
17	OUTSWING THRESHOLD	ALUM/COMP	70	TRANSOM - SEE TRANSOM DETAIL SHEET FOR DETAILS	-
18	OUTSWING THRESHOLD	ALUM/COMP	71	TRANSOM SILL	WOOD
20	#8 X 1.5" PFH WOOD SCREW	STEEL	72	TRANSOM MOLDING	WOOD
21	#8 X 2" PFH WOOD SCREW	STEEL	74	TRANSOM MOLDING	STEEL
22	#8 x 3/4" PFH WOOD SCREW	STEEL	75	SIDELITE SPACER (INSWING)	-
23	#10 x 3/4" PFH WOOD SCREW	STEEL	76	SIDELITE SPACER (OUTSWING)	-
24	#10 x 1" PFH WOOD SCREW	STEEL	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	-
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL			
26	#8 x 5/8" 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

57/02/26
48/23/23
37/16/20
210/10/18
111/15/17

UPDATE TO 9TH ED. (2026) FBC
UPDATE TO 8TH ED. (2023) FBC
UPDATE TO 7th ED (2020) FBC
REV. DOOR PANEL OPTION NOTE
RECESSED PANEL NOTATION

DATE: 07/07/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21133.18
SHEET 15 of 15

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

REVISIONS

RW

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