



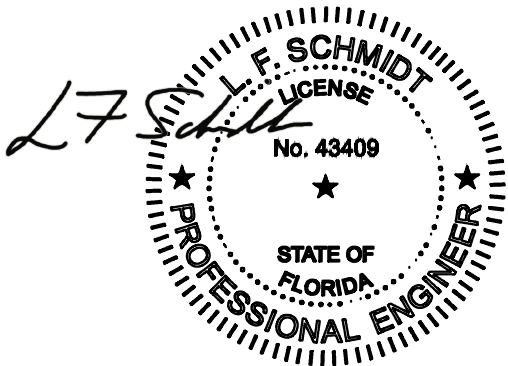
Fiber-Classic® & Smooth-Star®

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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. 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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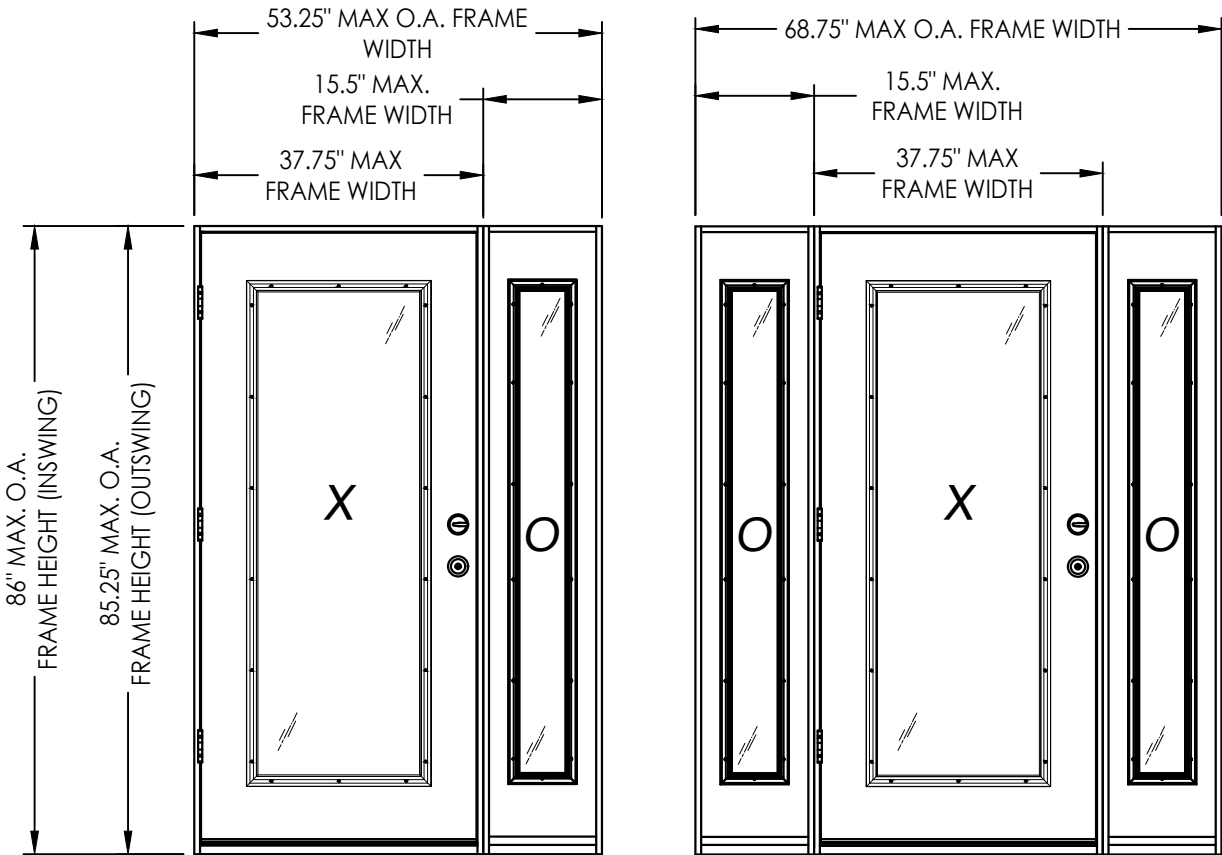


Digitally signed by
Lyndon F Schmidt
Date: 2026.08.05
11:50:50 -04'00'

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	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXO	+40.0	-50.0	+40.0	-40.0

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

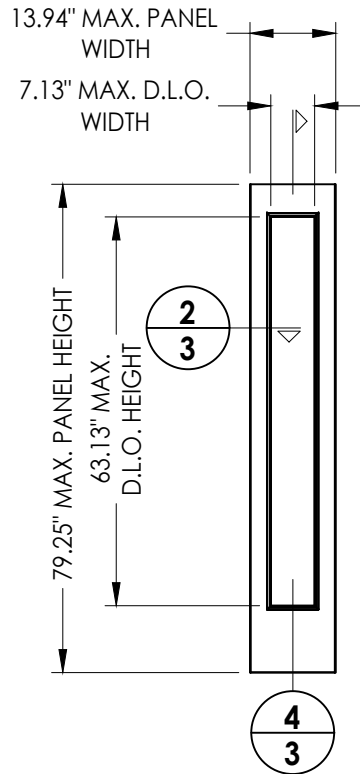
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS			
		BY	LFS	FBC	LFS
6	7/03/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
5	7/19/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
4	7/21/20	UPDATE TO 7th ED	(2020)	FBC	LFS

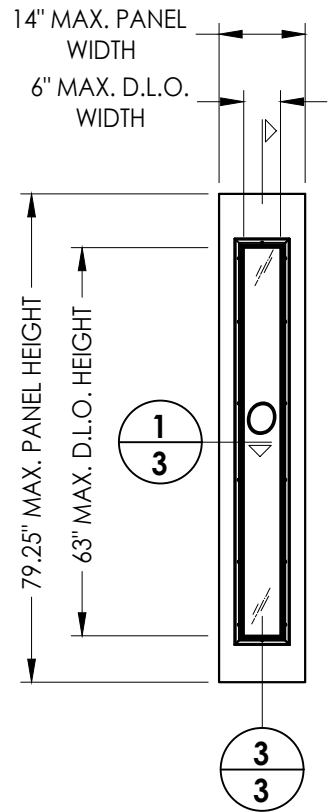
DATE: 6/1/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20461.13
SHEET 1 OF 14

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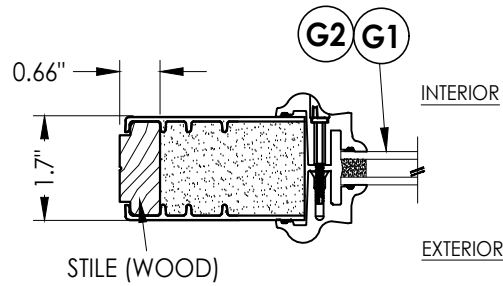
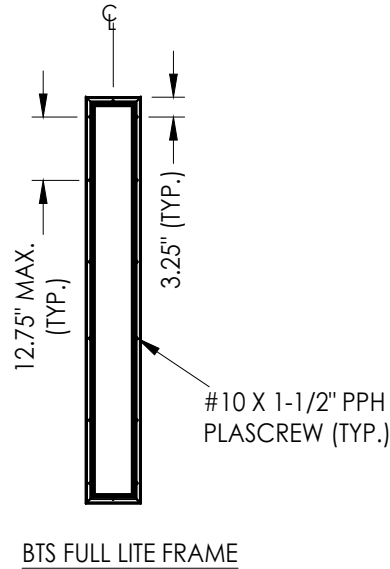
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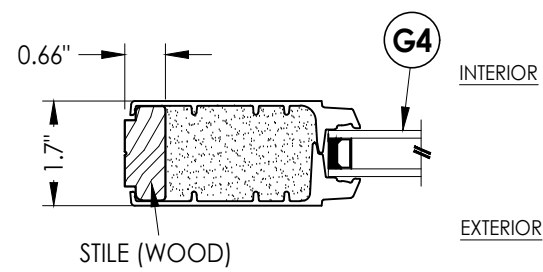
60 **SIDELITE PANEL**
Full Lite
Flush Glazed



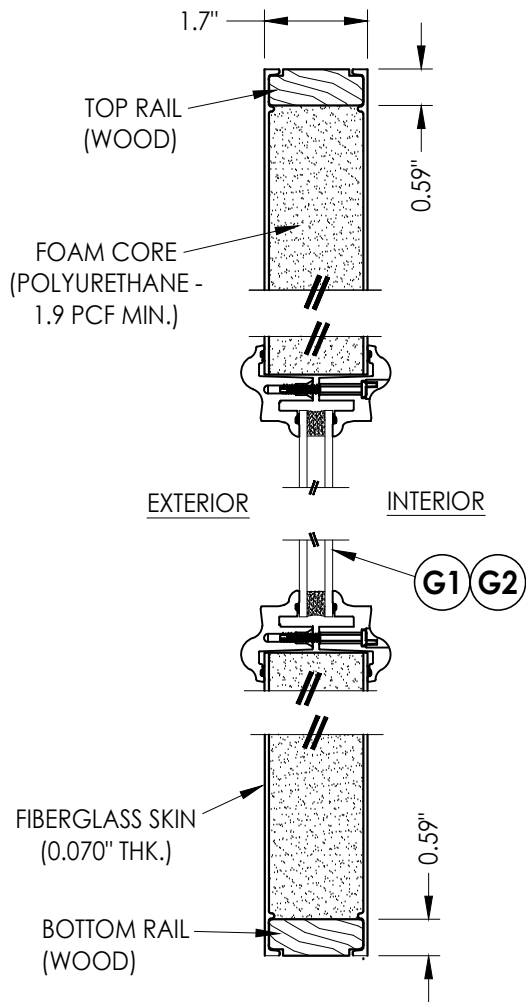
50 **SIDELITE PANEL**
Full Lite
Lip Lite



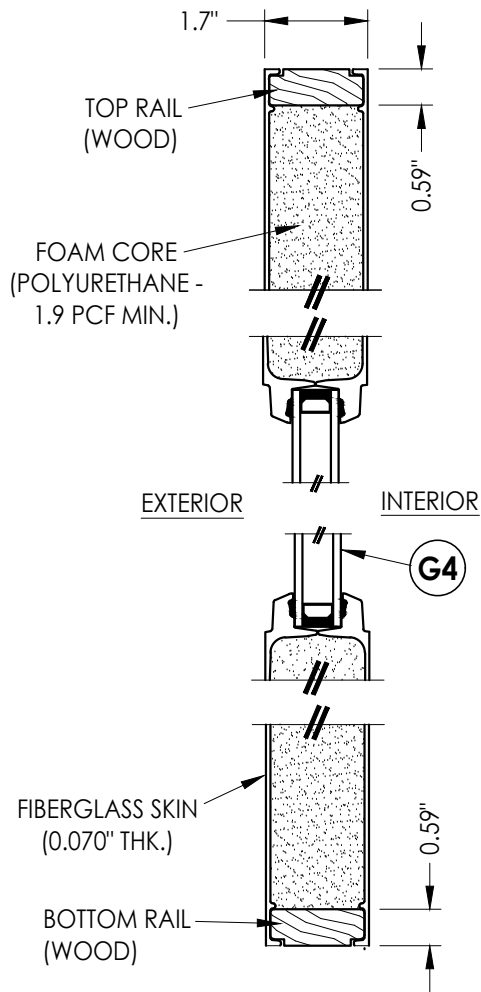
1 **HORIZONTAL CROSS SECTION**
3 Lip Lite Glazing



2 **HORIZONTAL CROSS SECTION**
3 Flush Glazing



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



4 **VERTICAL CROSS SECTION**
3 Flush Glazing Shown

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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:
SIDELITE PANEL DETAILS &
GLAZING DETAIL

NO.	DATE	REVISIONS	BY
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC	LFS

DATE: 6/1/16

SCALE: N.T.S.

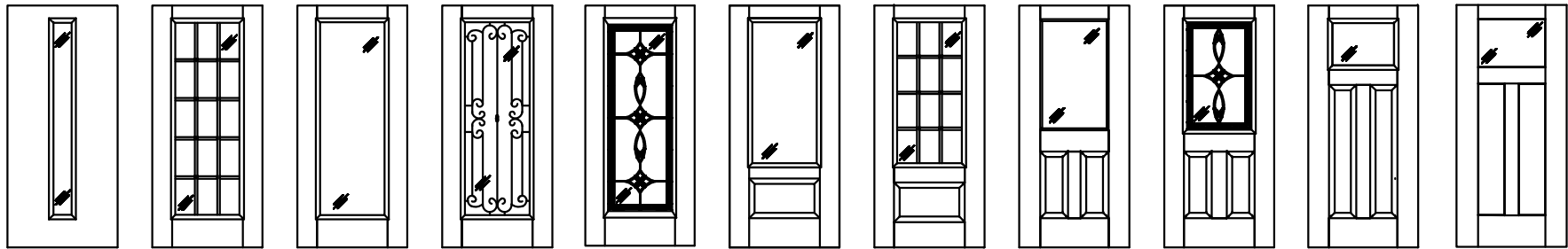
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20461.13

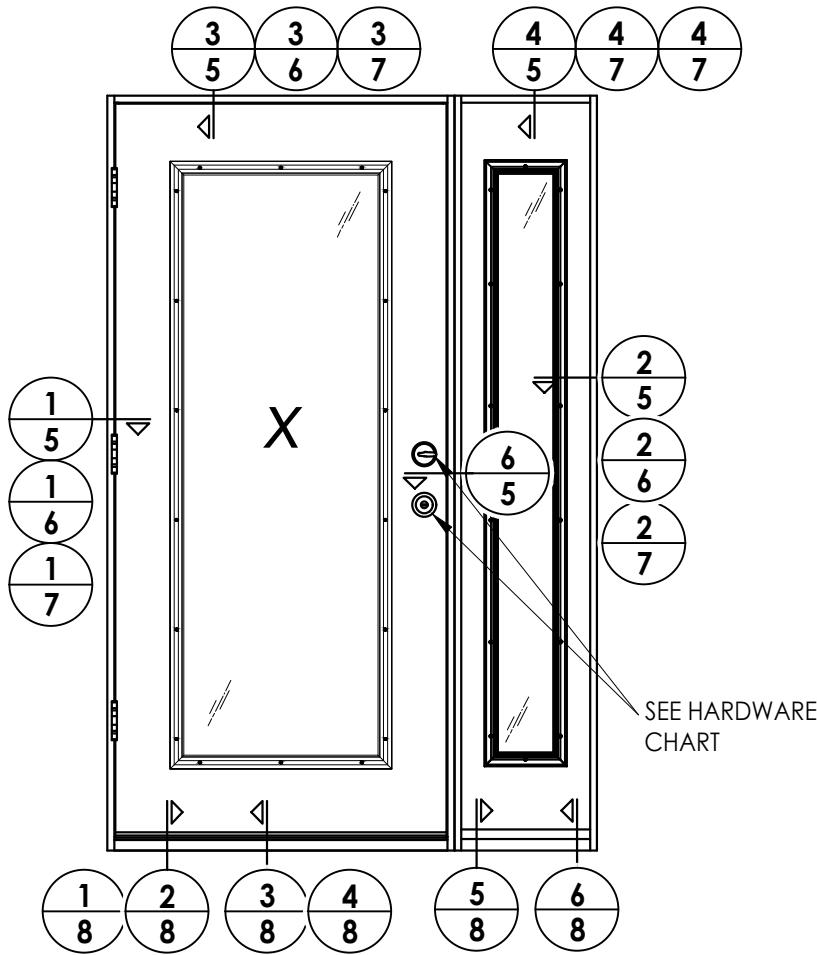
SHEET 3 OF 14

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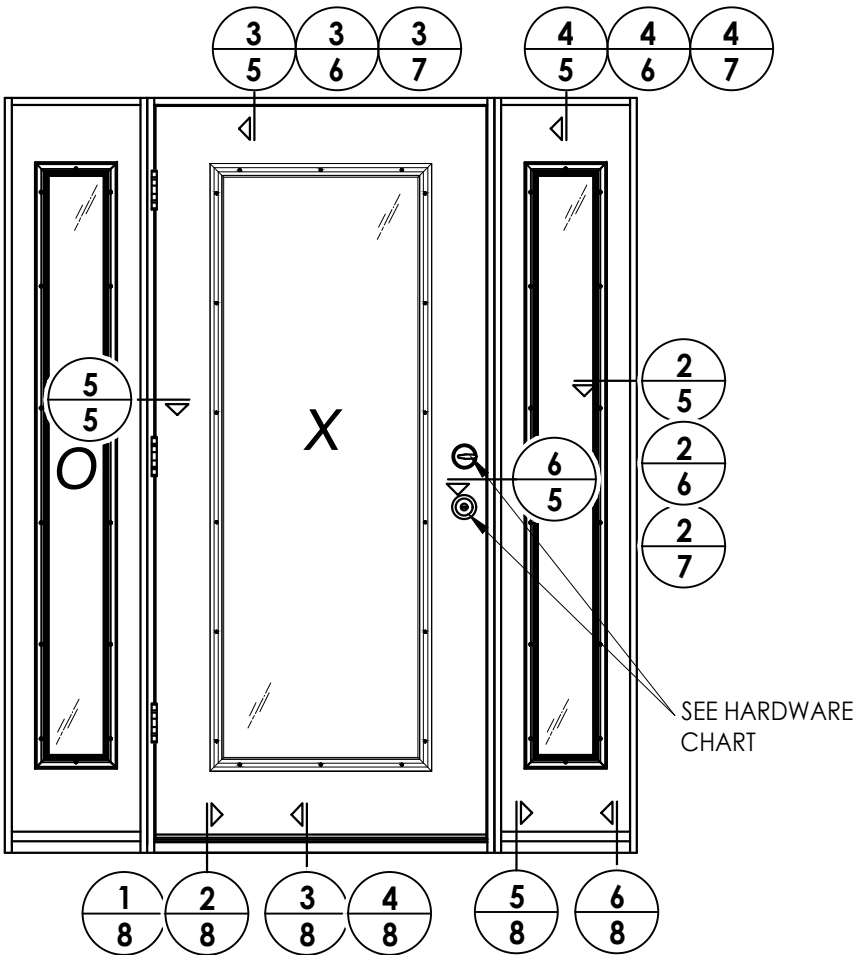


Fiber-Classic/Smooth-Star Door Panel Options

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.



ELEVATION
XO

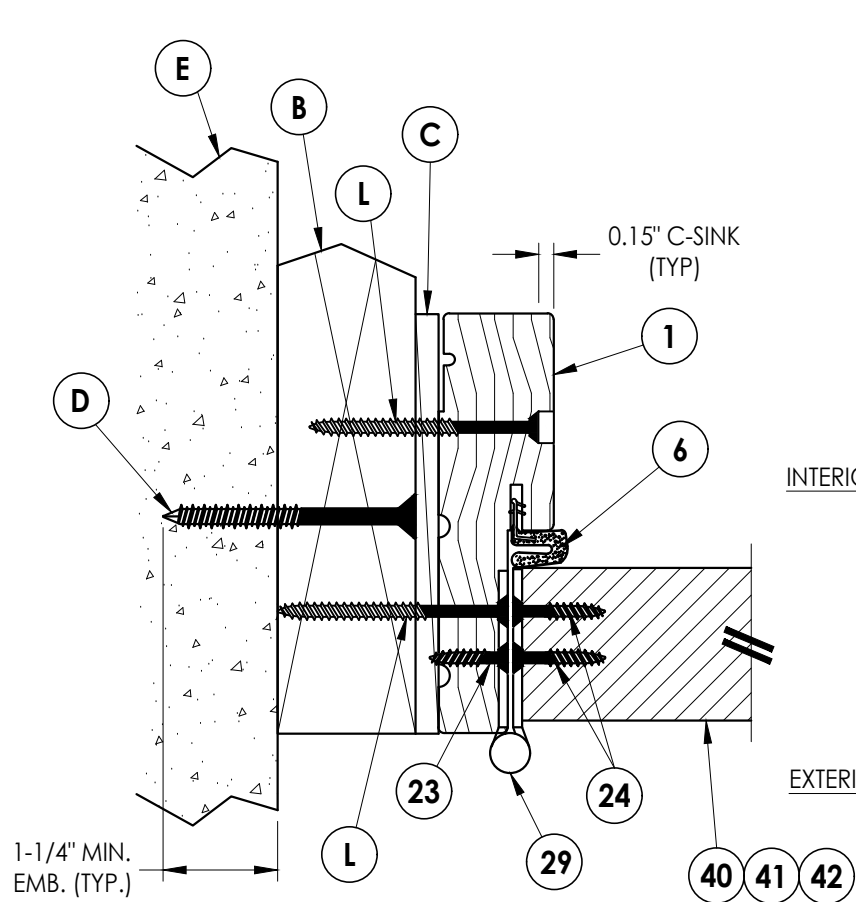


ELEVATION
OXO

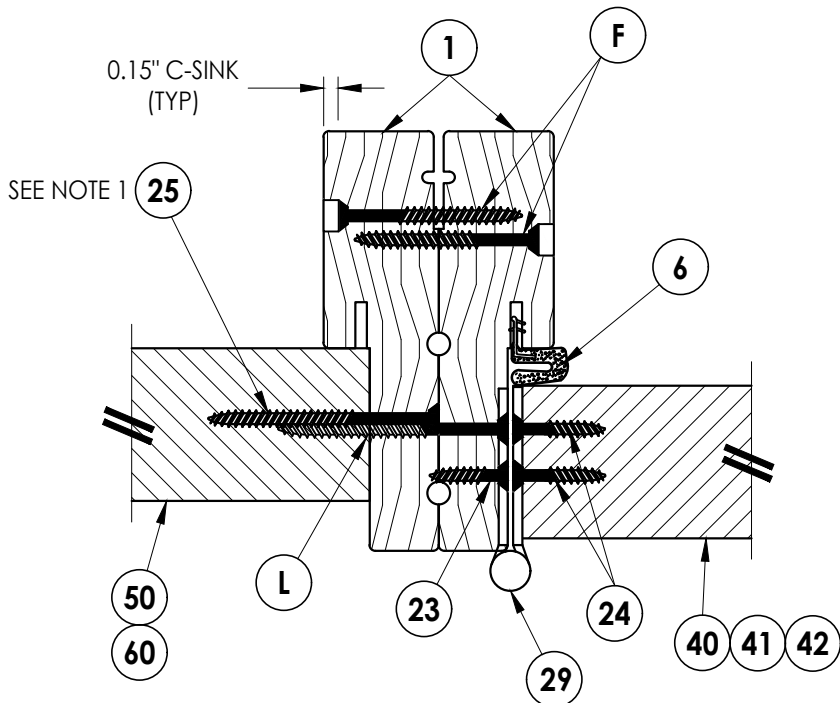
HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	Knob:	F51
	Deadbolt:	B60
KWIKSET	Knob:	SIGNATURE SERIES
	Deadbolt:	SIGNATURE SERIES (980)

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: ELEVATIONS	
6	7/03/26	UPDATE TO 9TH ED. (2026)	FBC LFS
5	7/19/23	UPDATE TO 8TH ED. (2023)	FBC LFS
4	7/21/20	UPDATE TO 7th ED (2020)	FBC LFS
NO.	DATE		BY
		REVISIONS	
DATE: 6/1/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20461.13			
SHEET 4 OF 14			

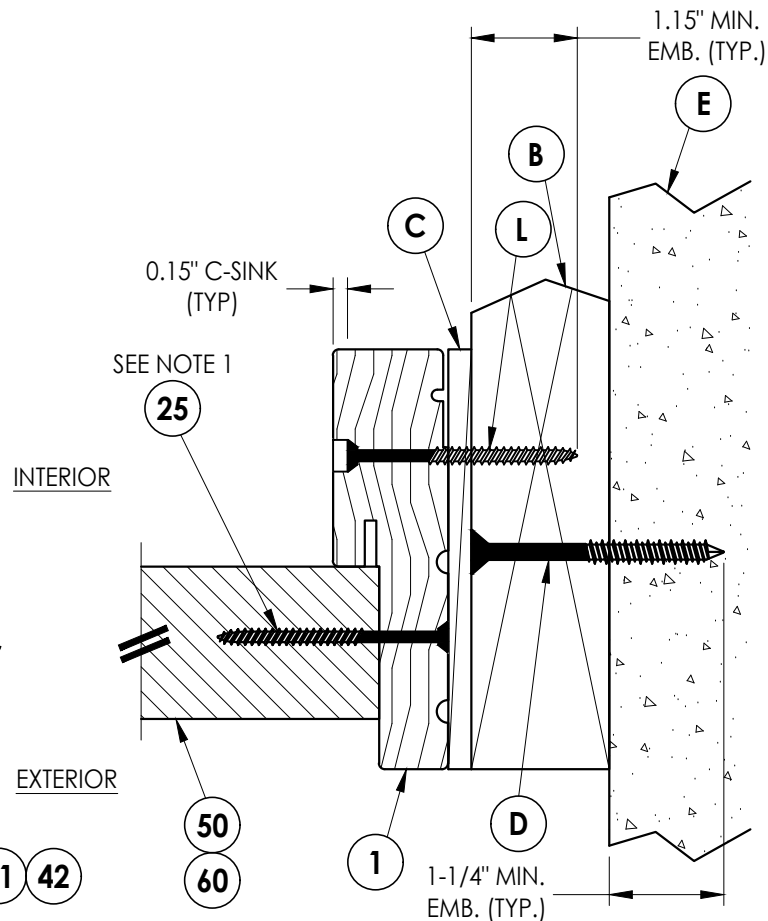
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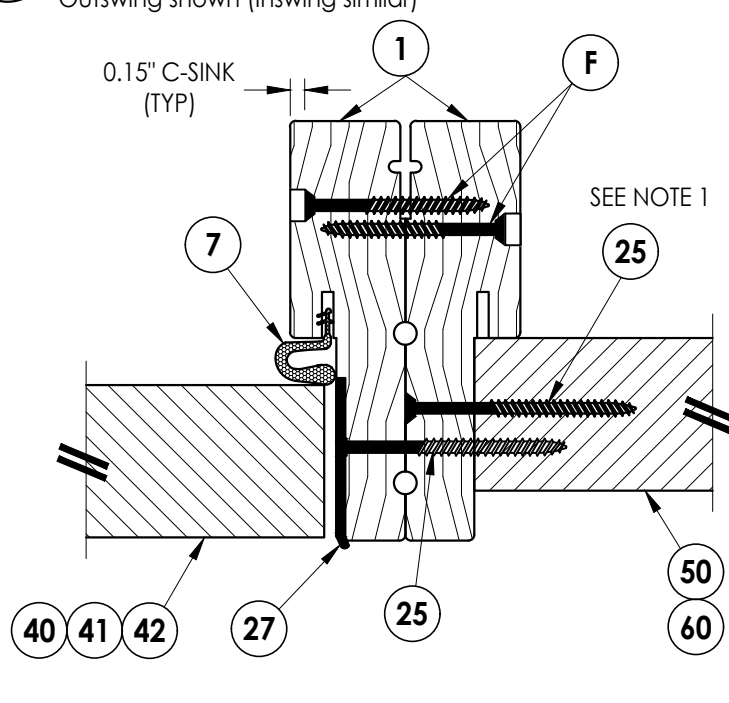
1 HORIZONTAL CROSS SECTION
Shown w/ 2X Buck
Outswing shown (Inswing similar)



5 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)

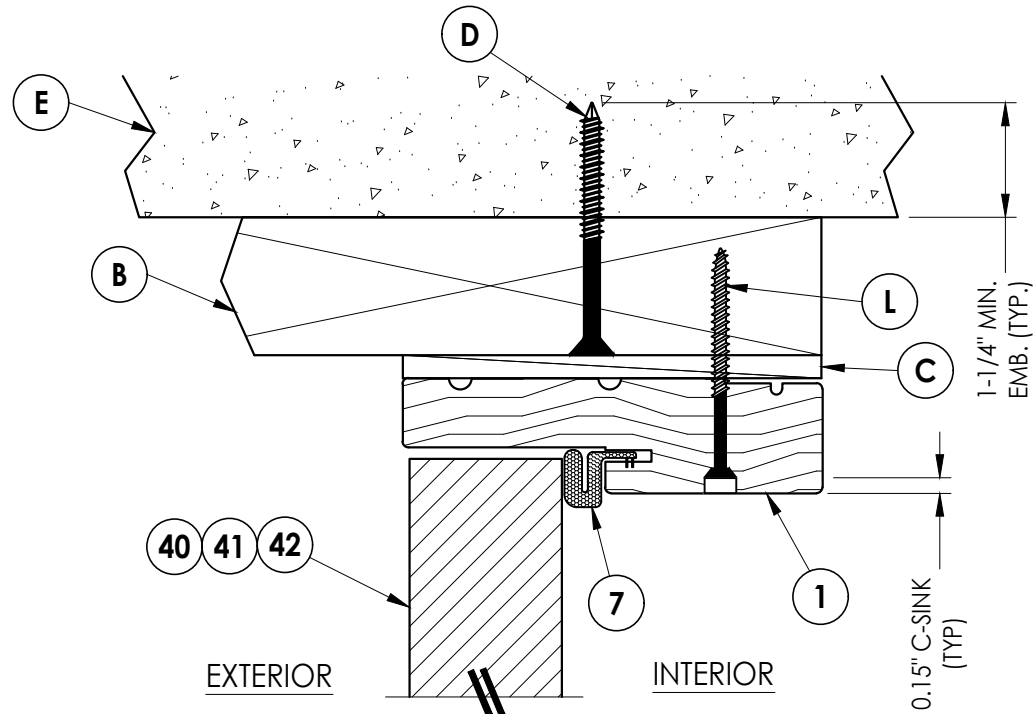


2 HORIZONTAL CROSS SECTION
Shown w/ 2X Buck
Outswing shown (Inswing similar)

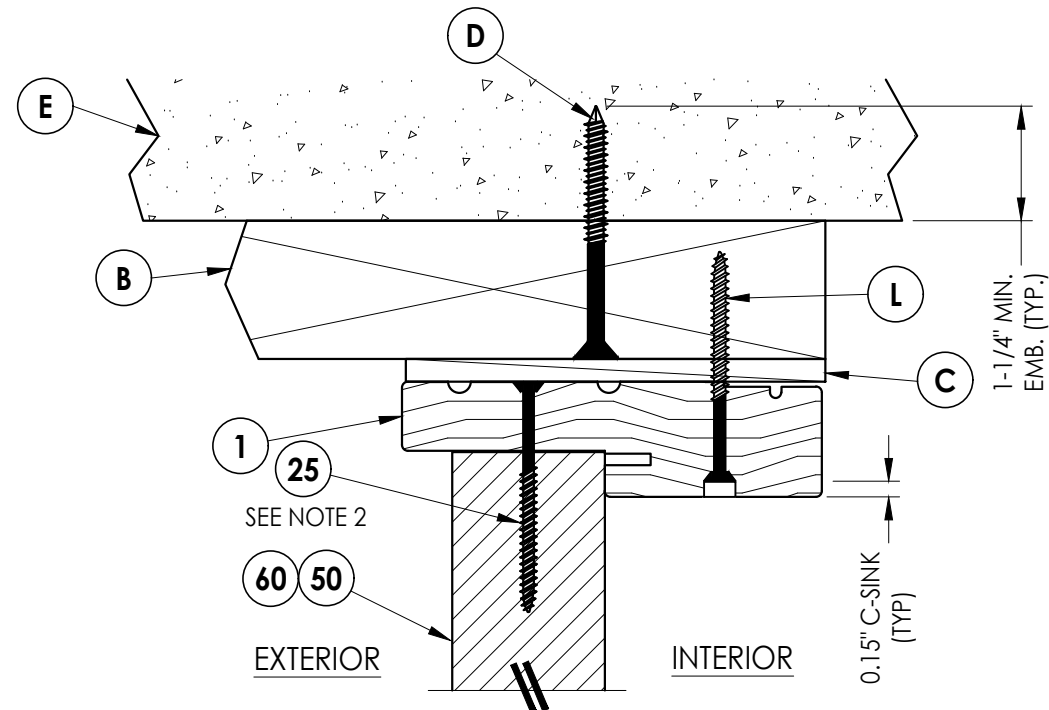


6 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)

- Notes:
- Sidelite assembly screws located 8" from top and 8" 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).



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



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

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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	BY
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC	LFS

DATE: 6/1/16

SCALE: N.T.S.

DWG. BY: JK

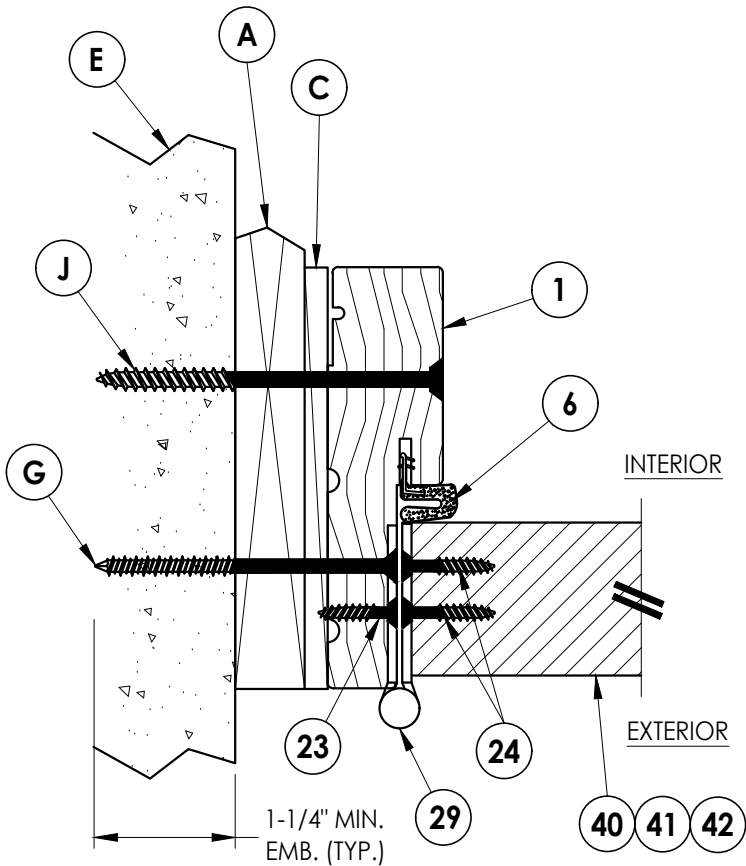
CHK. BY: LFS

DRAWING NO.: FL-20461.13

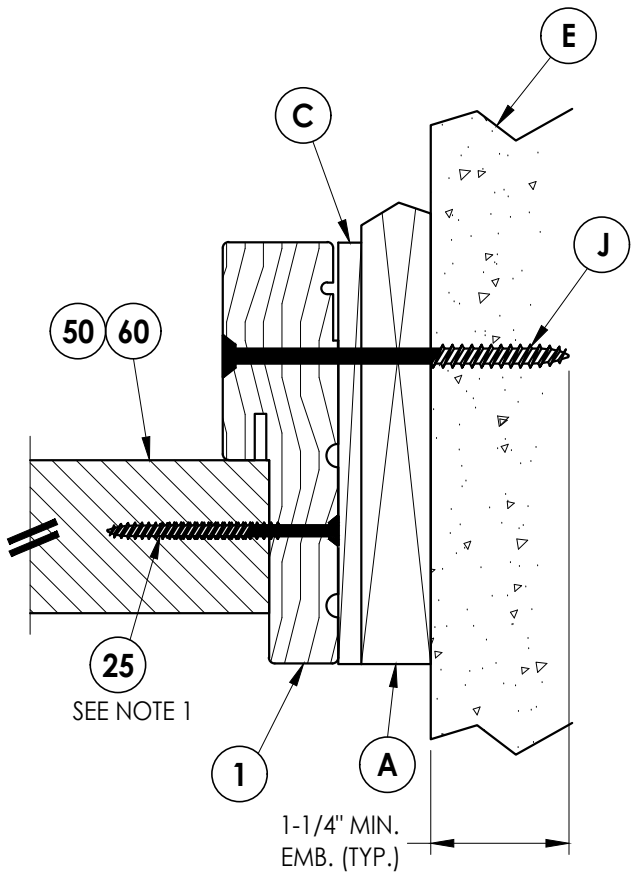
SHEET 5 OF 14

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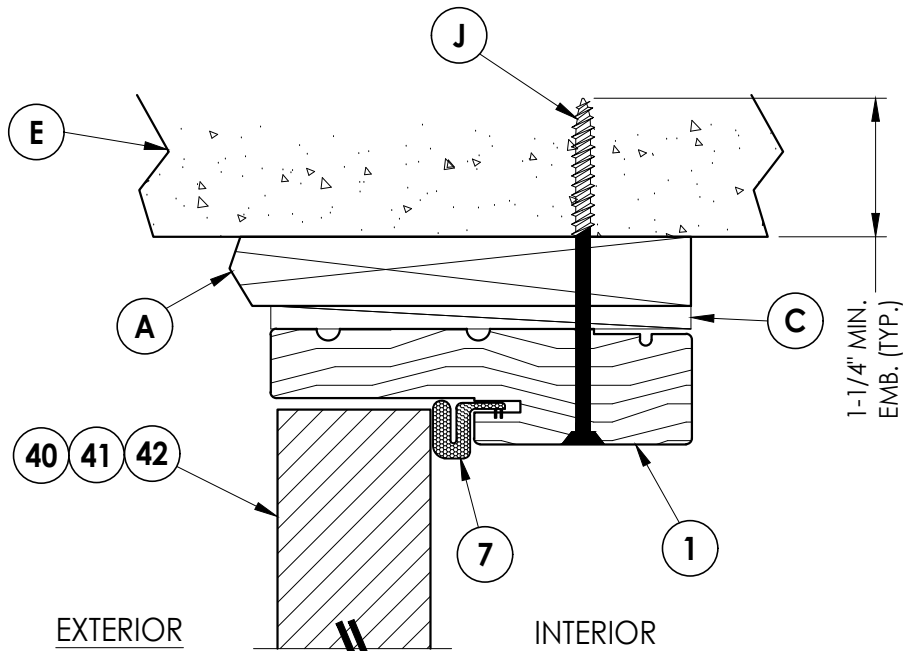
- Notes:
- 1. Sidelite assembly screws located 8" from top and 8" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 - 2. Sidelite assembly screws located 4" from each end (2 screws along head jamb).



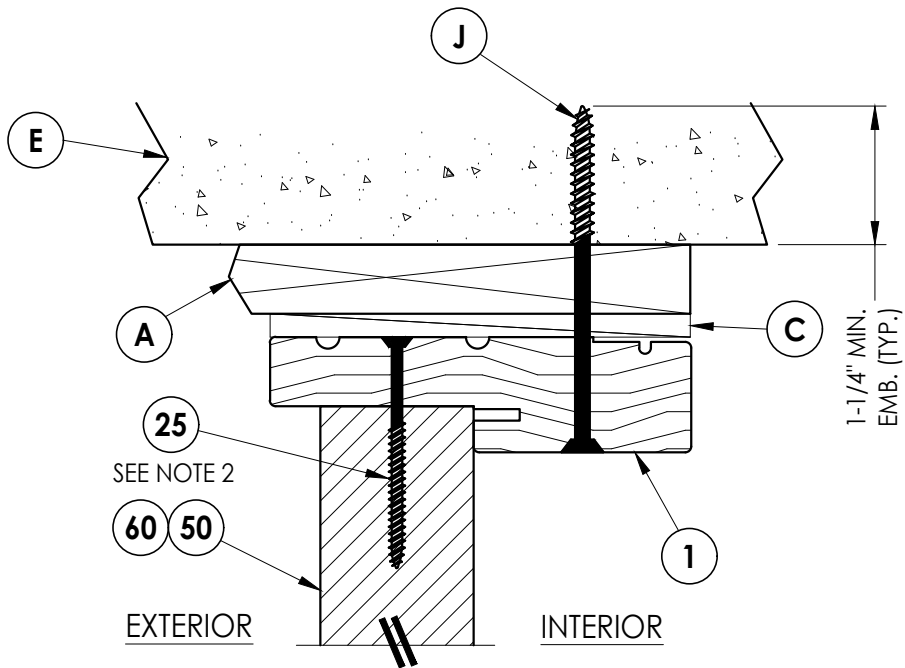
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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:
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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC LFS

DATE: 6/1/16

SCALE: N.T.S.

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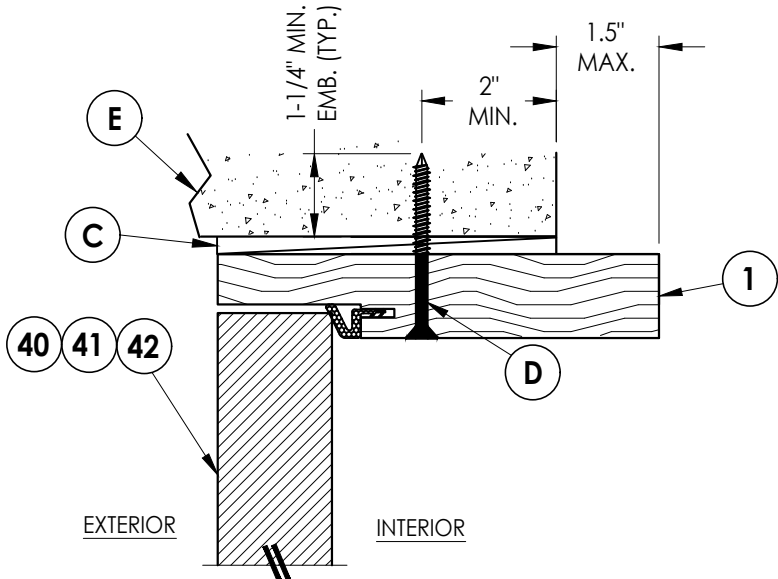
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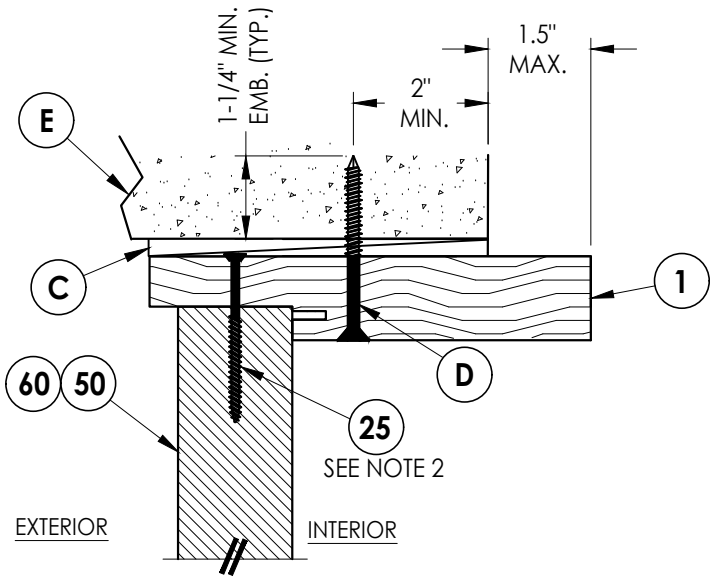
FL-20461.13

SHEET 6 OF 14

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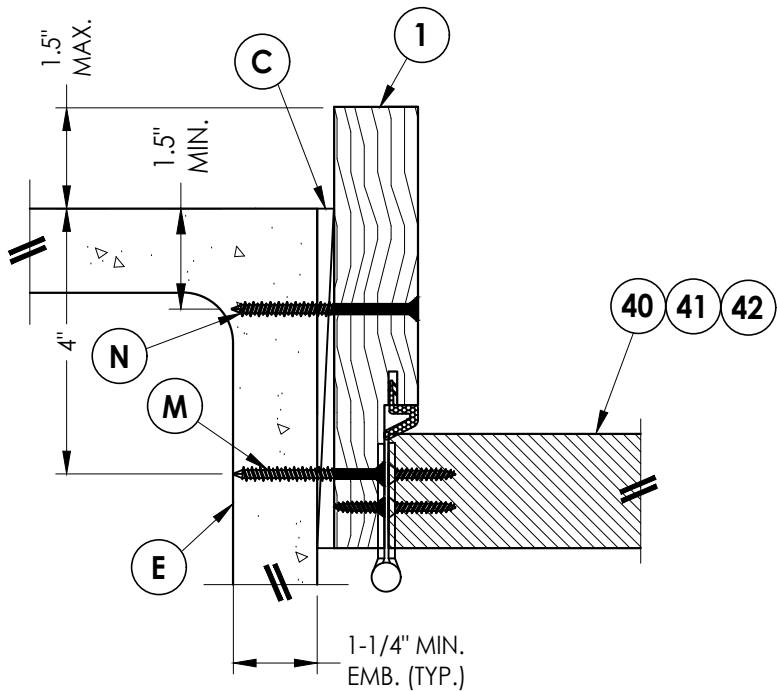
3
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



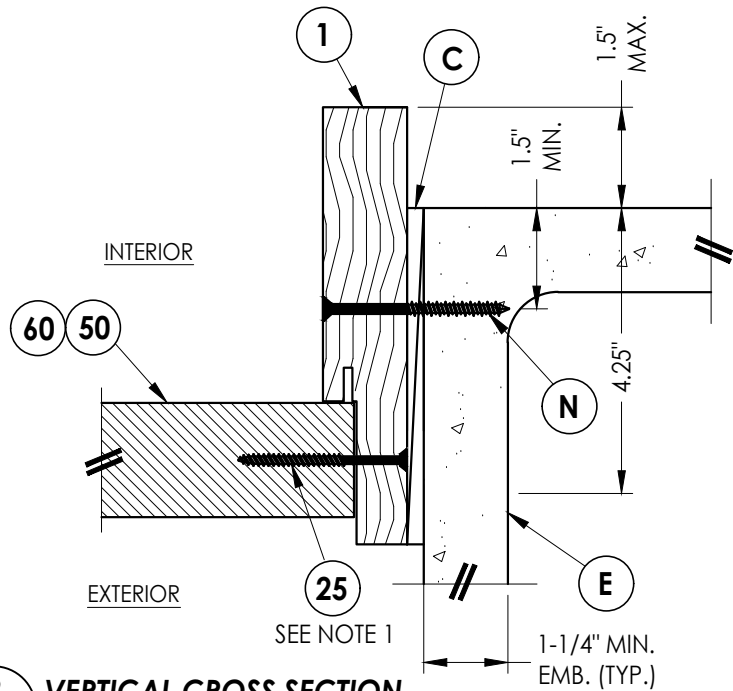
4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Notes:

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



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



2
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

NO	DATE	REVISIONS
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC LFS
		BY

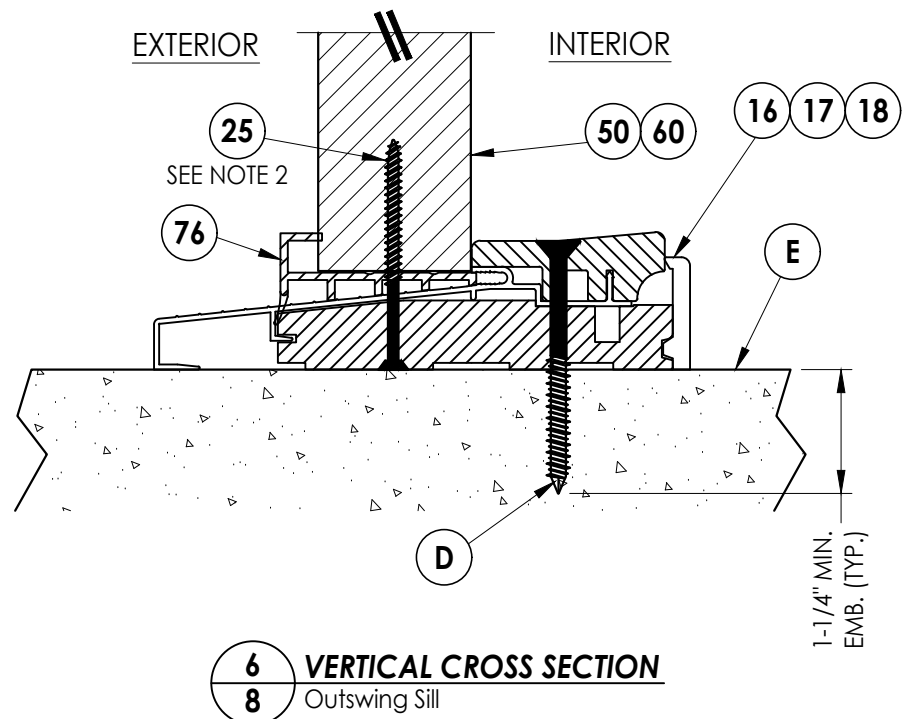
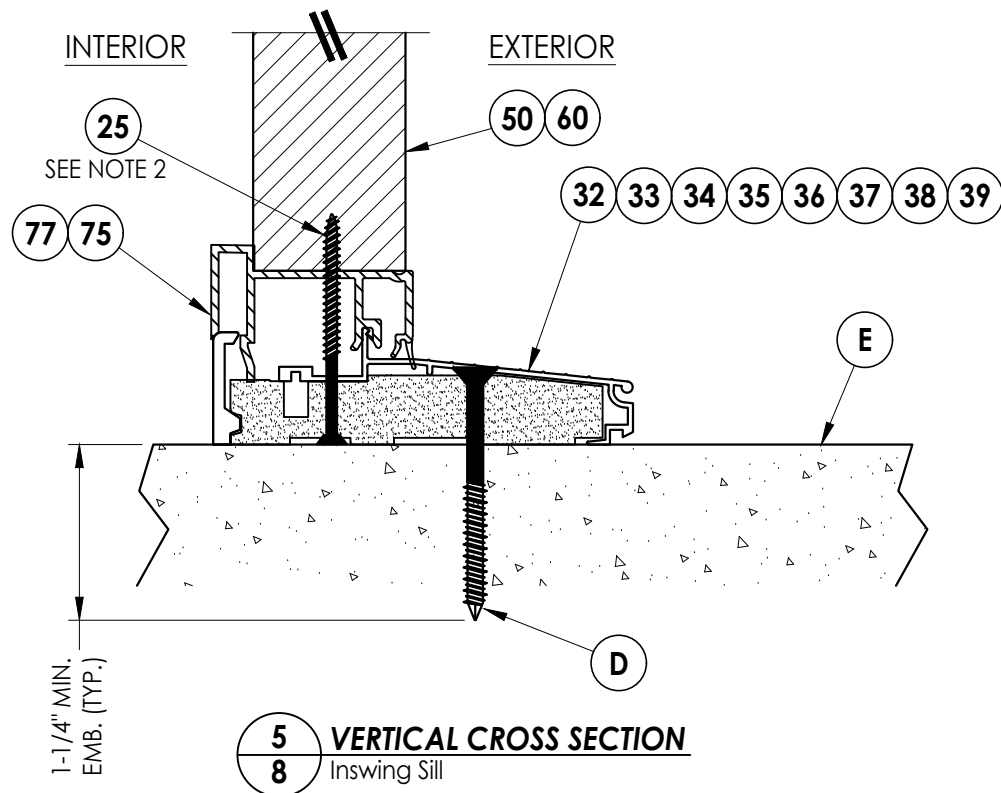
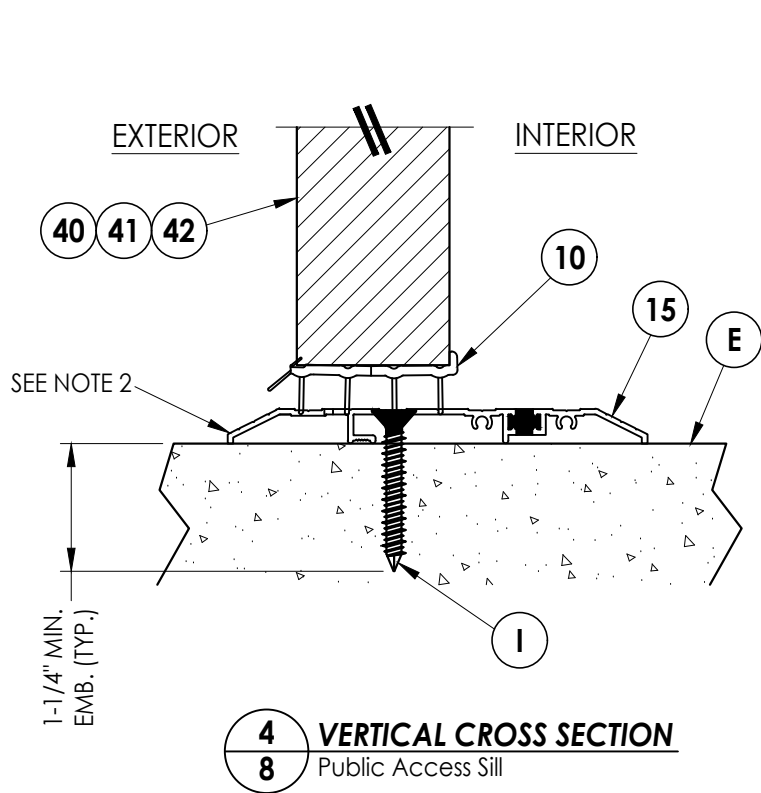
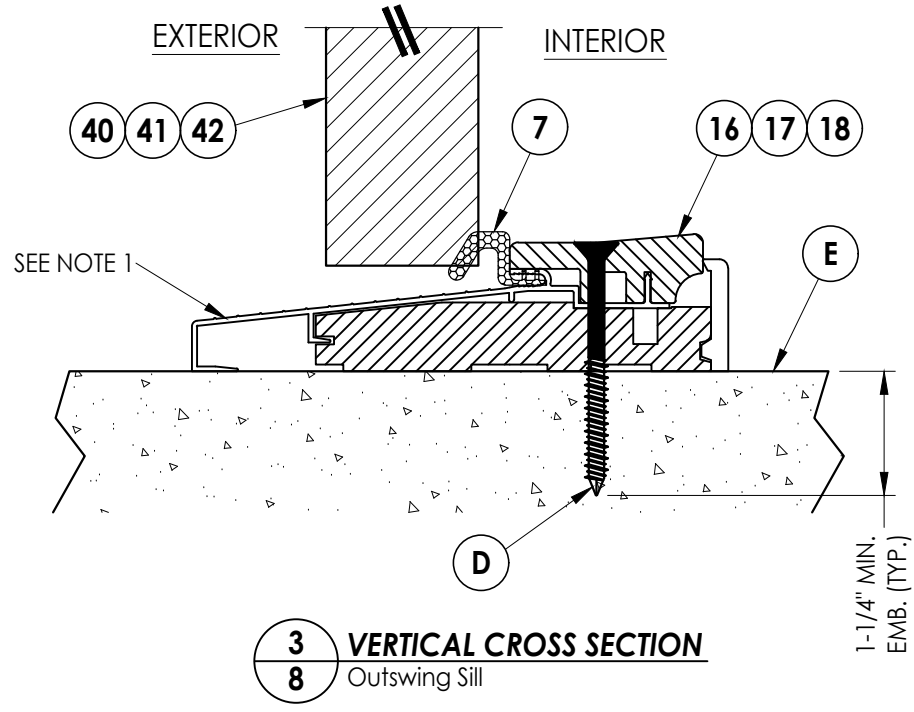
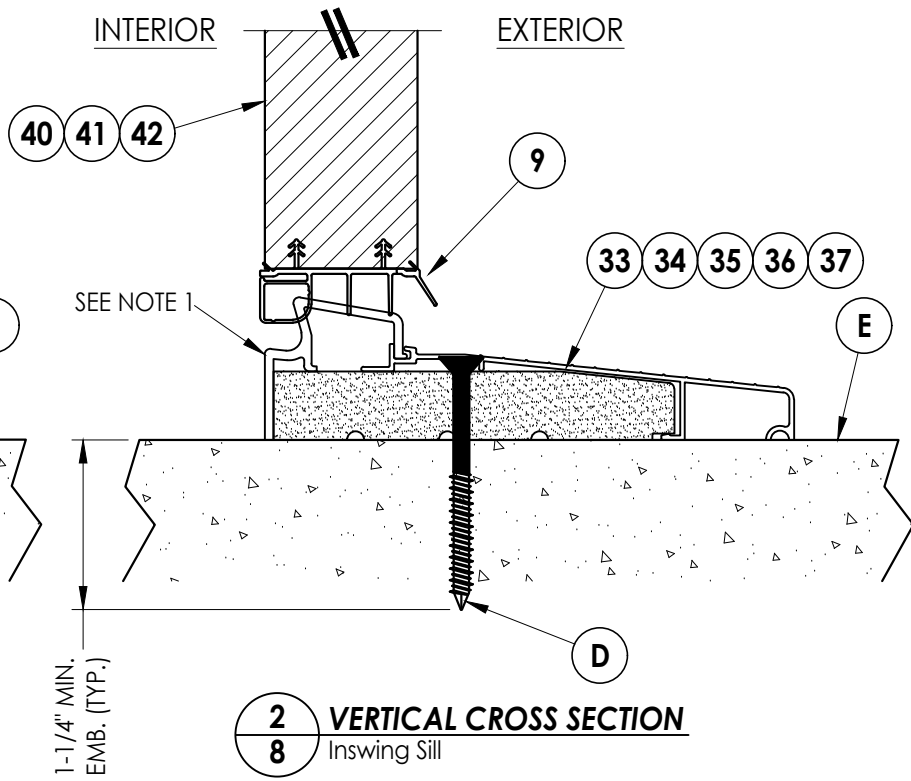
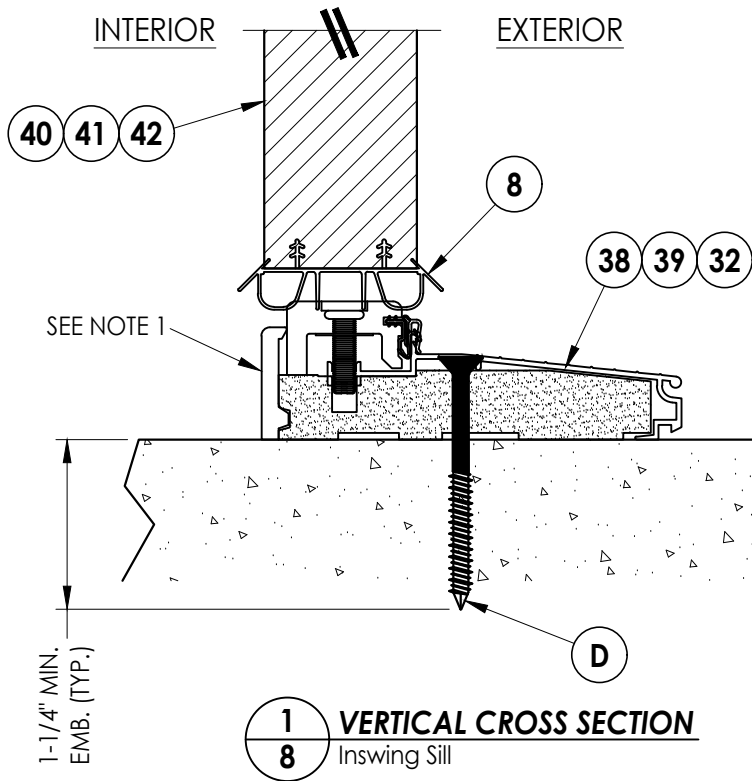
DATE: 6/1/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20461.13
SHEET 7 OF 14

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

RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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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

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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:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC LFS

DATE: 6/1/16

SCALE: N.T.S.

DWG. BY: JK

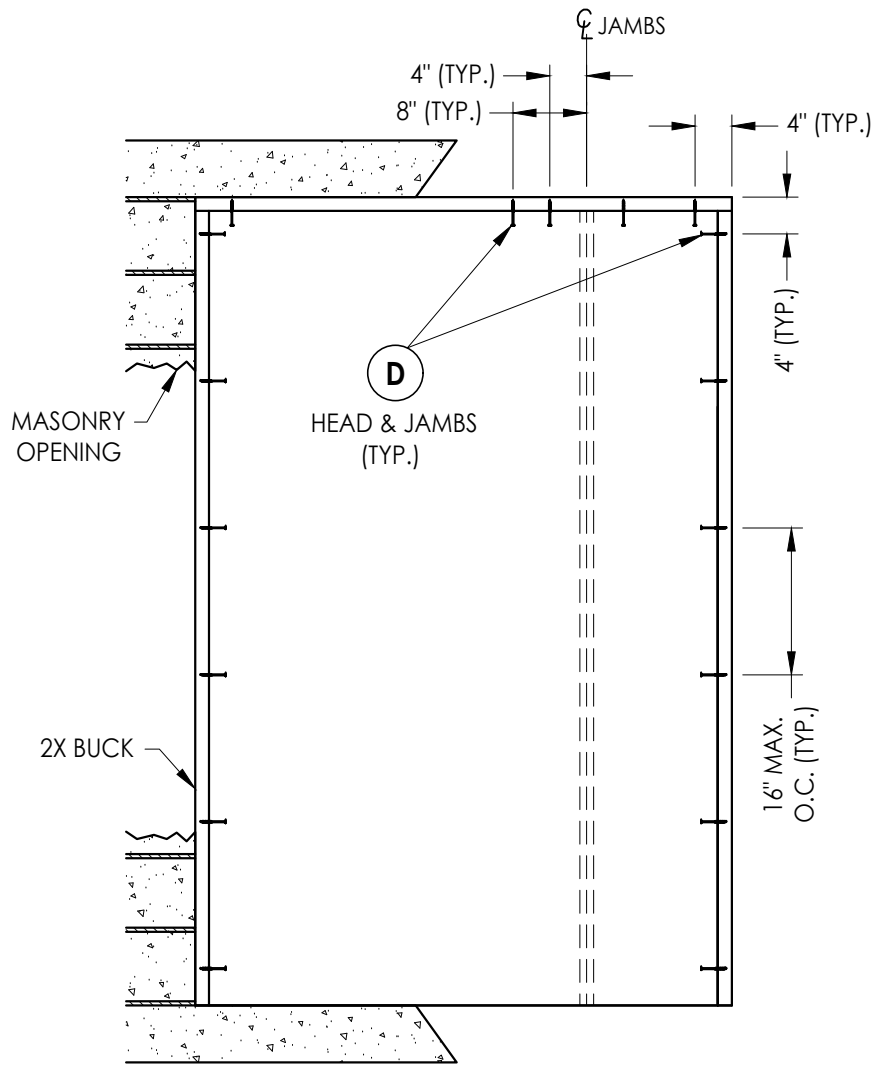
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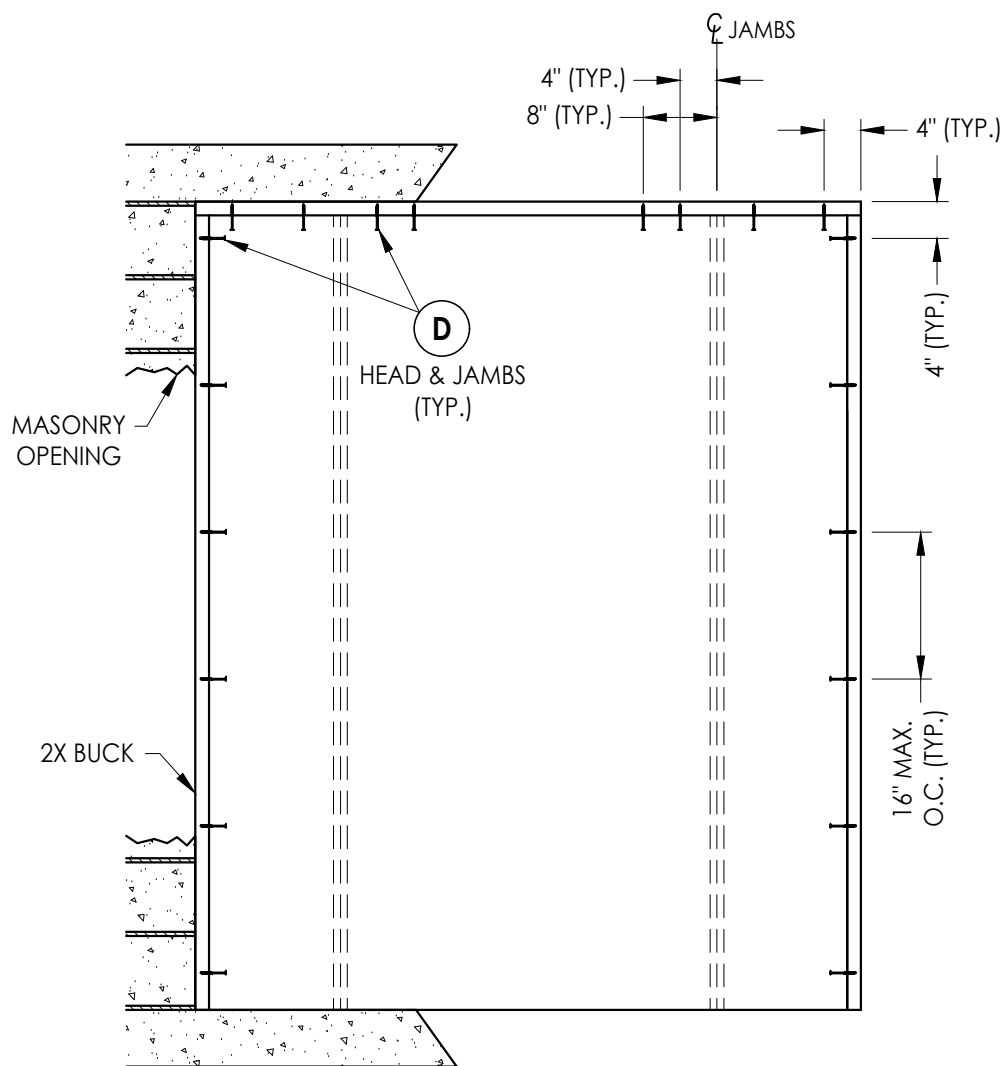
FL-20461.13

SHEET 8 OF 14

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XO/OX



OXO

2X BUCK ANCHORING

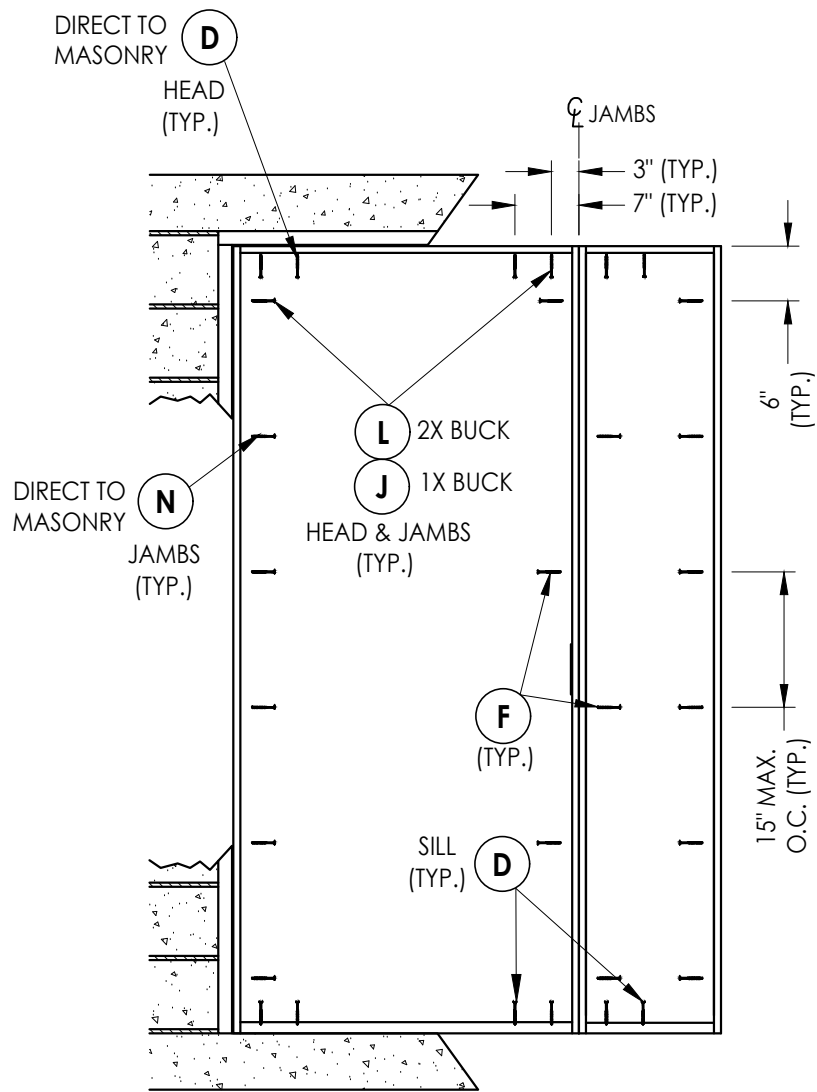
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SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-20461.13	
SHEET 9	OF 14

NO.	DATE	REVISIONS
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC LFS

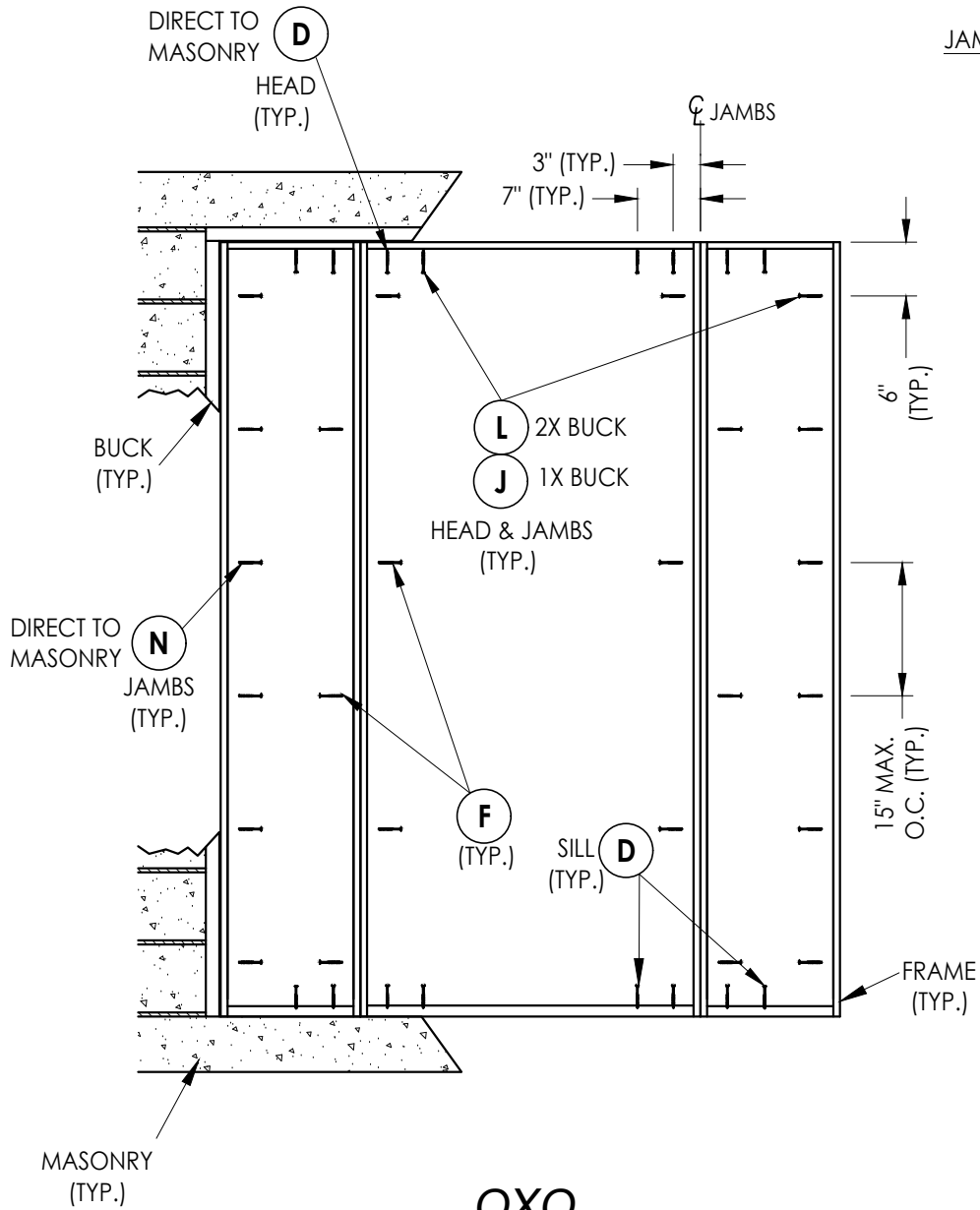
PRODUCT: THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY: BUCK ANCHORING	

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	

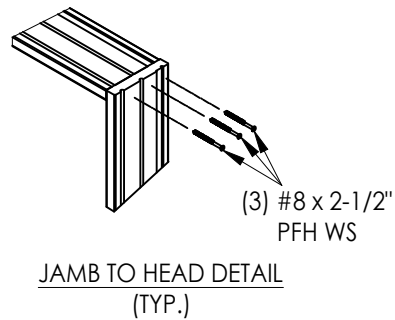
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XO/OX



OXO



FRAME ANCHORING

DATE: 6/1/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20461.13

SHEET 10 OF 14

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

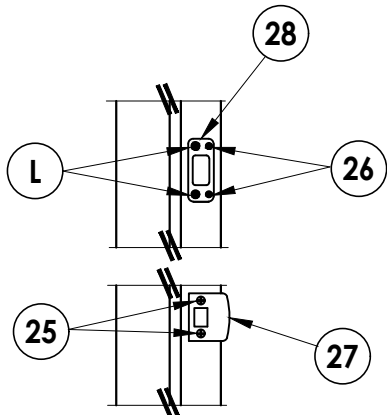
Documents Prepared By:
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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

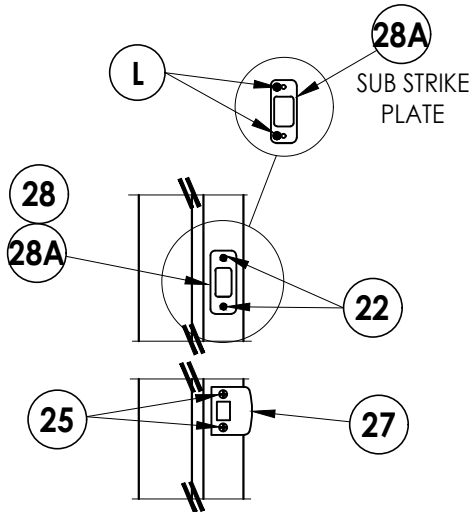
REVISIONS

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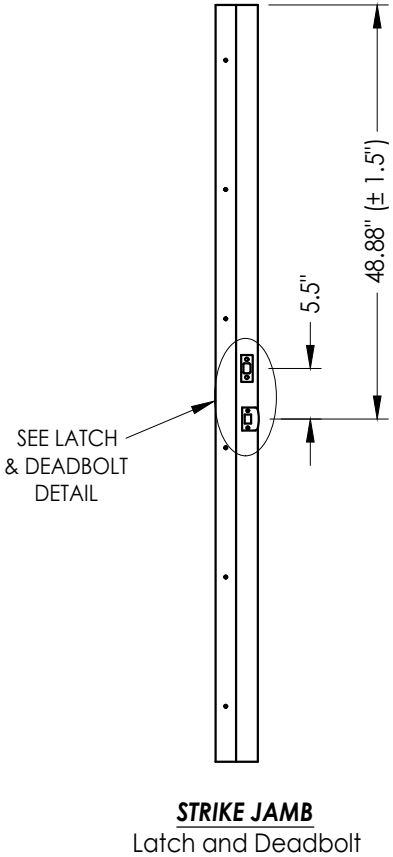


LATCH & DEADBOLT DETAIL
Kwikset

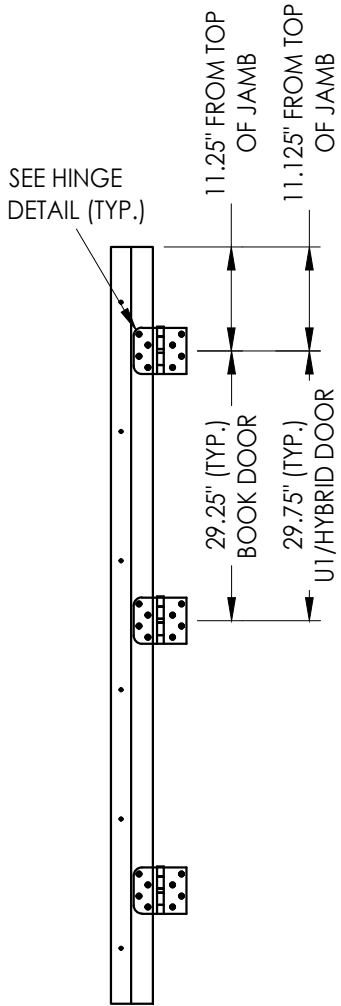


LATCH & DEADBOLT DETAIL
Schlage

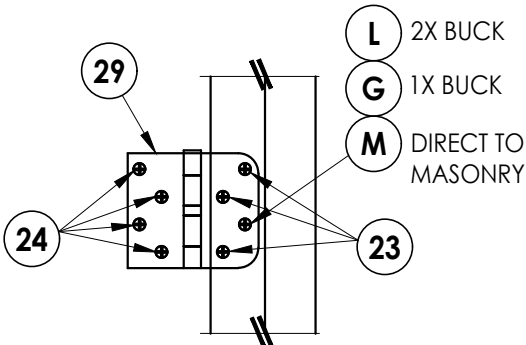
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt



HINGE JAMB



HINGE DETAIL

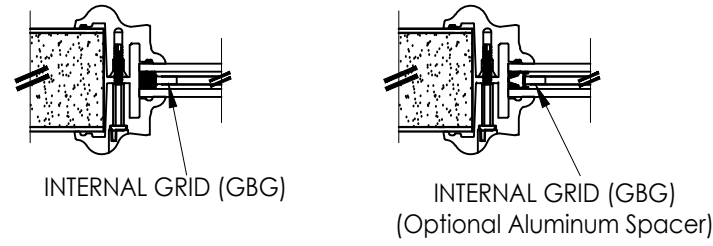
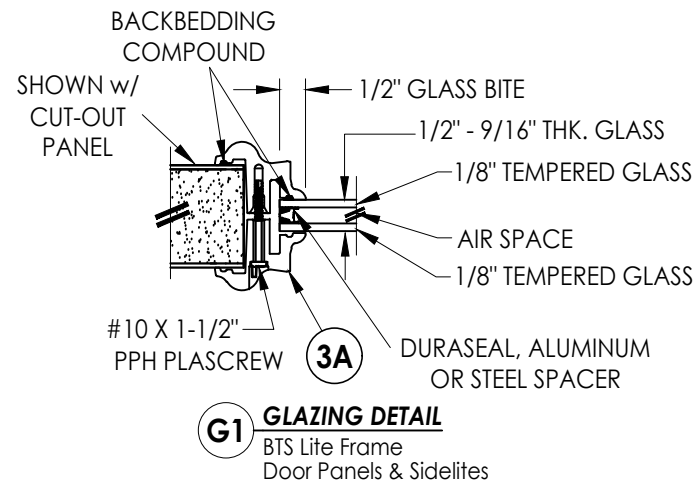
NO.	DATE	REVISIONS
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC LFS
		BY

DATE:	6/1/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20461.13
SHEET	11 OF 14

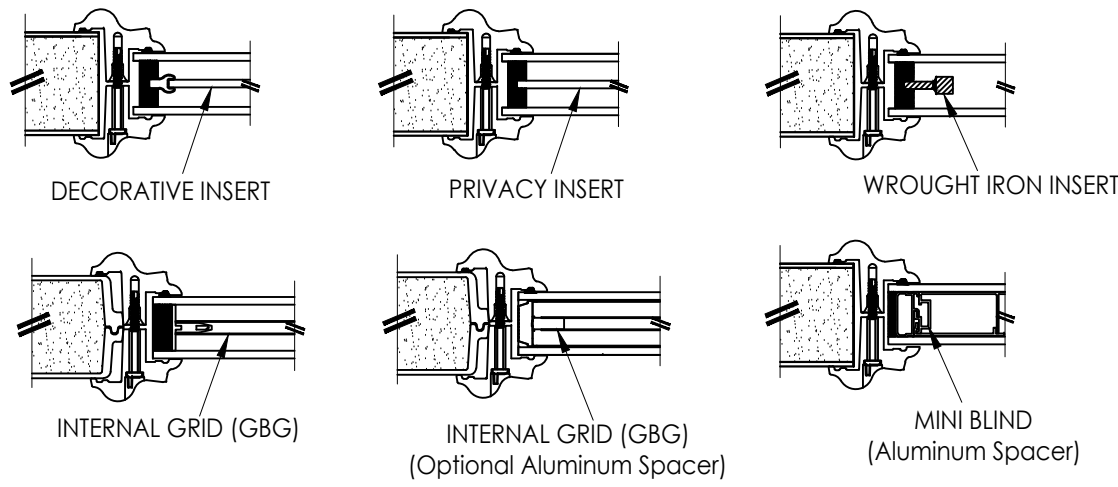
PRODUCT:	THERMA-TRU FIBERGLASS DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
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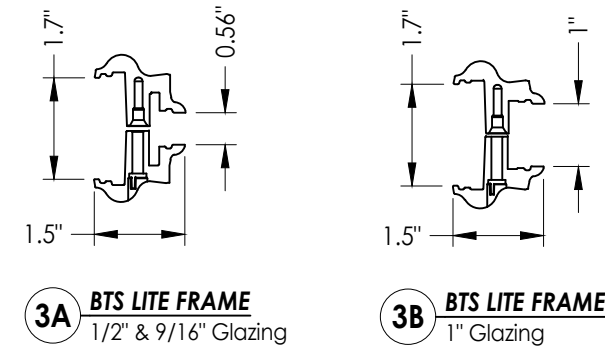
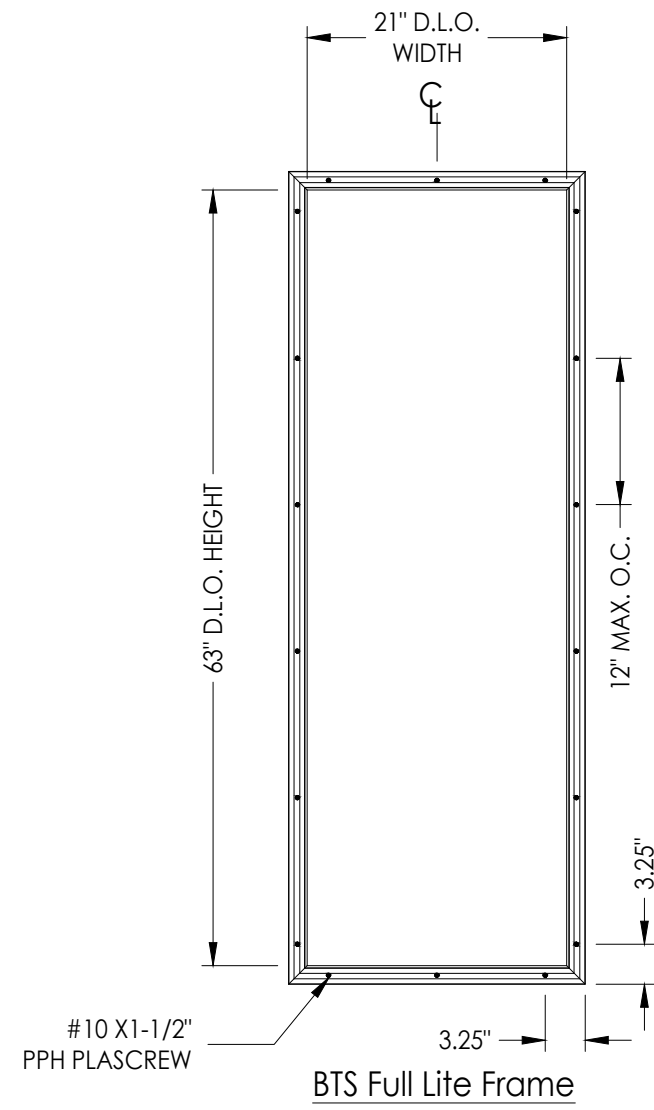
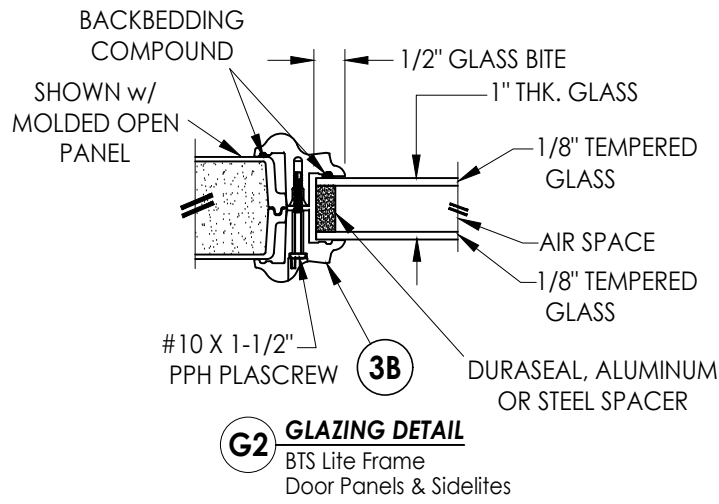
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9/16" INSULATED GLASS INSERT OPTIONS



1" INSULATED GLASS INSERT OPTIONS



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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
GLAZING DETAILS

DATE: 6/1/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20461.13

SHEET 12 OF 14

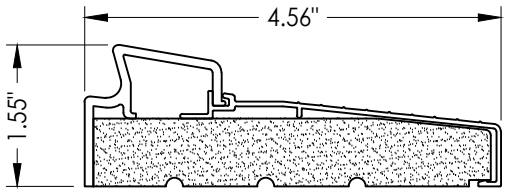
REVISIONS

NO.	DATE	BY
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	7/21/20	UPDATE TO 7th ED (2020) FBC LFS

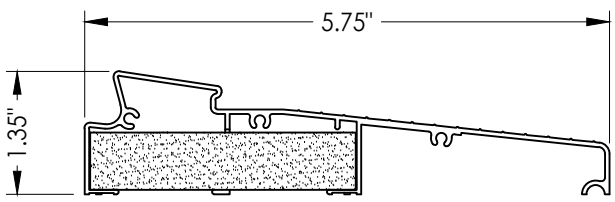
R^W BUILDING CONSULTANTS, INC.

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

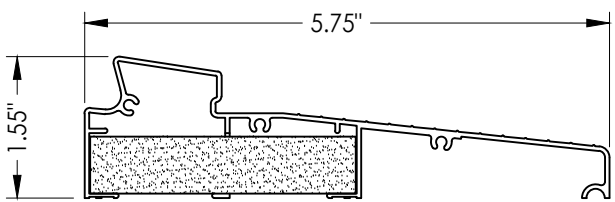
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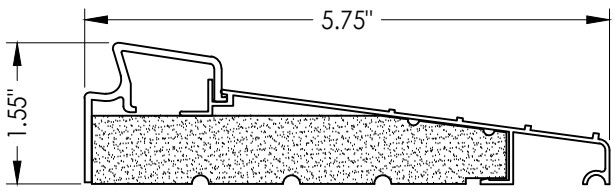
33 **INSWING THRESHOLD**
Inswing Basic Fixed Sill



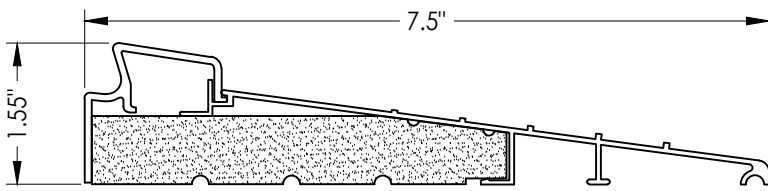
34 **INSWING THRESHOLD**
Inswing Moderate Climate Sil 1-3/8"



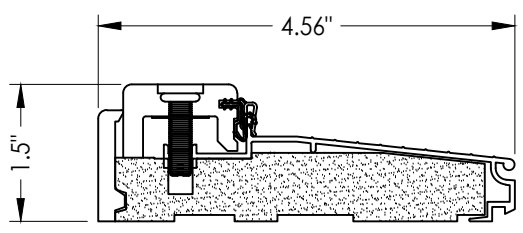
35 **INSWING THRESHOLD**
Inswing Moderate Climate Sil



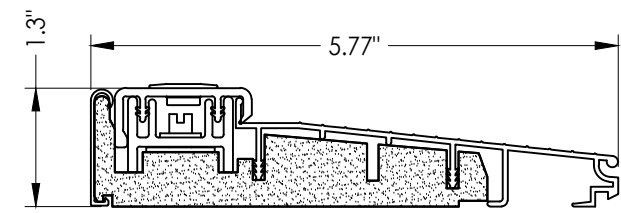
36 **INSWING THRESHOLD**
Inswing Basic Fixed 5-3/4" Sill



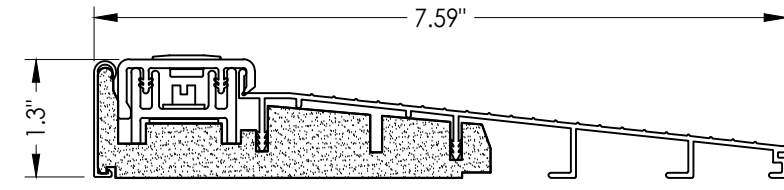
37 **INSWING THRESHOLD**
Inswing Basic Fixed 7-1/2" Sill



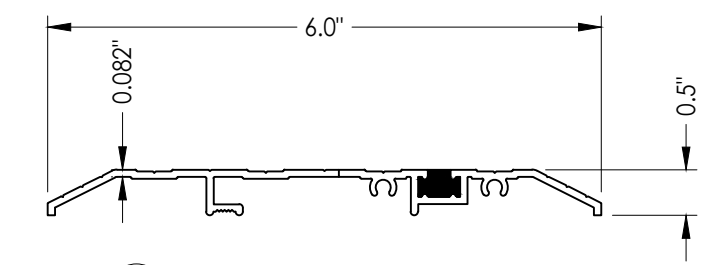
38 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill



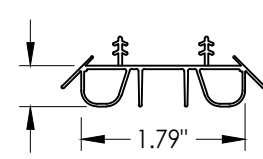
39 **INSWING THRESHOLD**
Inswing Basic Composite Adjustable Sill



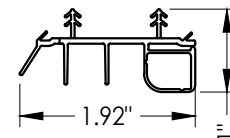
32 **INSWING THRESHOLD**
Inswing Basic Composite Adjustable Sill 7-1/2"



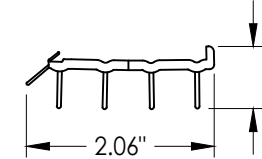
15 **ADA THRESHOLD**



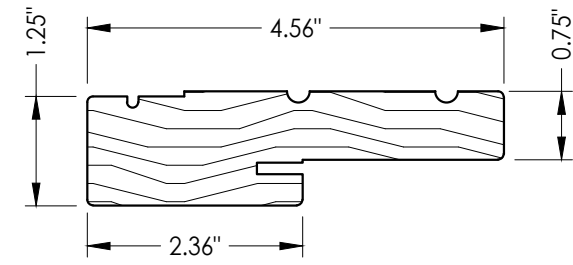
8 **SWEEP**



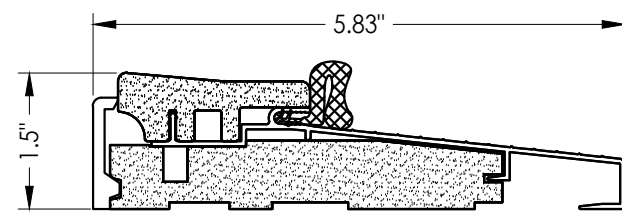
9 **SWEEP**



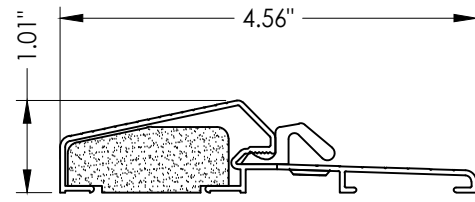
10 **SWEEP**



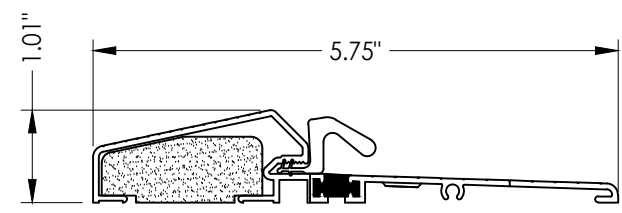
1 **WOOD JAMB**



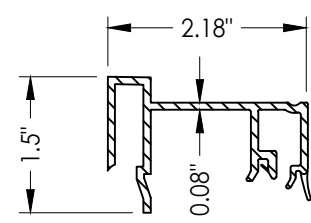
16 **OUTSWING THRESHOLD**
Composite Sill



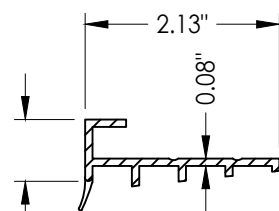
17 **OUTSWING THRESHOLD**
Composite / Aluminum Sill



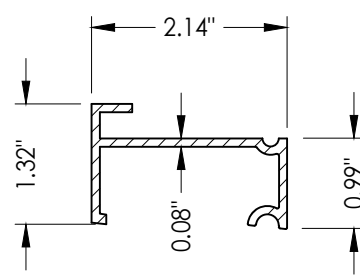
18 **OUTSWING THRESHOLD**
Composite / Aluminum Sill
(Thermal Break)



75 **SIDELITE SPACER**
Inswing



76 **SIDELITE SPACER**
Outswing



77 **INSWING SIDELITE**
Adapter
Moderate Climate Threshold

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

RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS		
		BY	LFS	
6	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
5	7/19/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	7/21/20	UPDATE TO 7th ED (2020)	FBC	LFS

DATE:	6/1/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20461.13
SHEET	13 OF 14

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
29	4" X 4" HINGE	STEEL
32	IN swing THRESHOLD	ALUM/COMP
33	IN swing THRESHOLD	ALUM/COMP
34	IN swing THRESHOLD	ALUM/COMP
35	IN swing THRESHOLD	ALUM/COMP
36	IN swing THRESHOLD	ALUM/COMP
37	IN swing THRESHOLD	ALUM/COMP
38	IN swing THRESHOLD	ALUM/COMP
39	IN swing THRESHOLD	ALUM/COMP
40	DOOR PANEL (BOOK)	-
41	DOOR PANEL (HYBRID)	-
42	DOOR PANEL (U1)	-
50	SIDELITE (FULL LITE)	-
60	SIDELITE (HALF LITE)	-
75	SIDELITE SPACER (IN swing)	PVC
76	SIDELITE SPACER (OUT swing)	PVC
77	SIDELITE SPACER (IN swing) - MODERATE CLIMATE SILL	PVC

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"

[illegible]