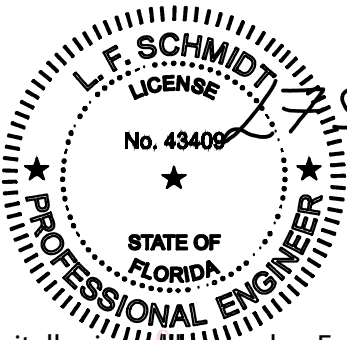
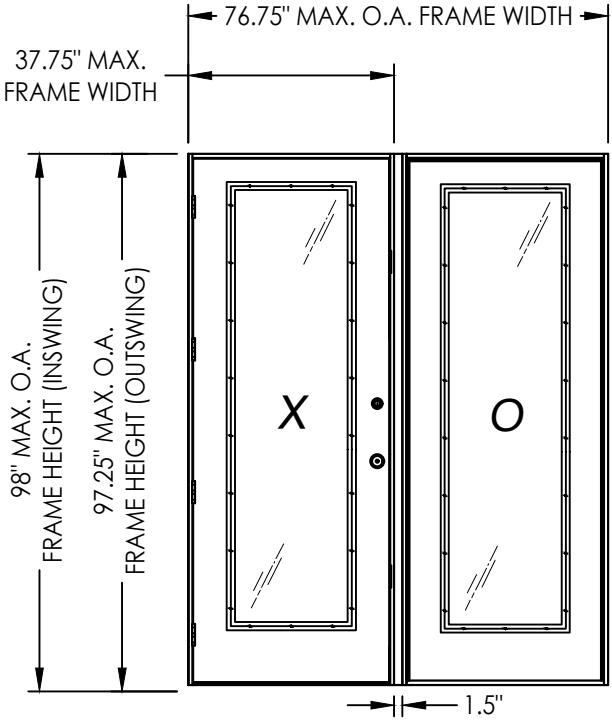


WOOD EDGE
GLAZED FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"IMPACT"

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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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. Benchmark Door and Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.

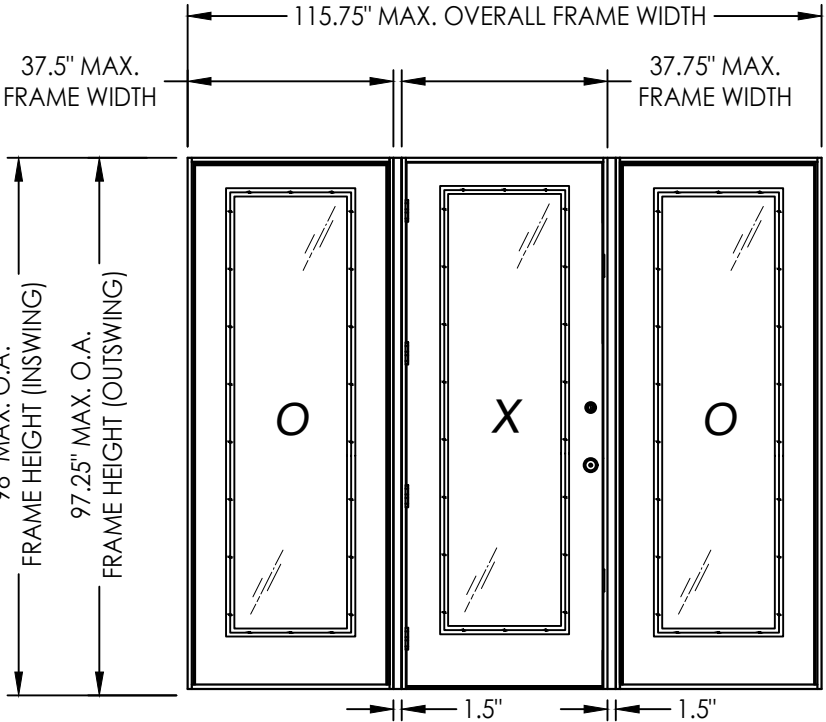
TABLE OF CONTENTS			
SHEET#	DESCRIPTION	SHEET#	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes	9	Vertical Cross Sections (Thresholds)
2	Door Panel Details	10	Buck Anchoring
3	Sidelite Panel Details	11	Frame Anchoring
4	Elevations	12	Hardware Details
5	Horizontal & Vertical Cross Sections (2X Buck)	13	Glazing Details
6	Horizontal Cross Sections	14	Components
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: 2023.07.17 17:03:38 -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.

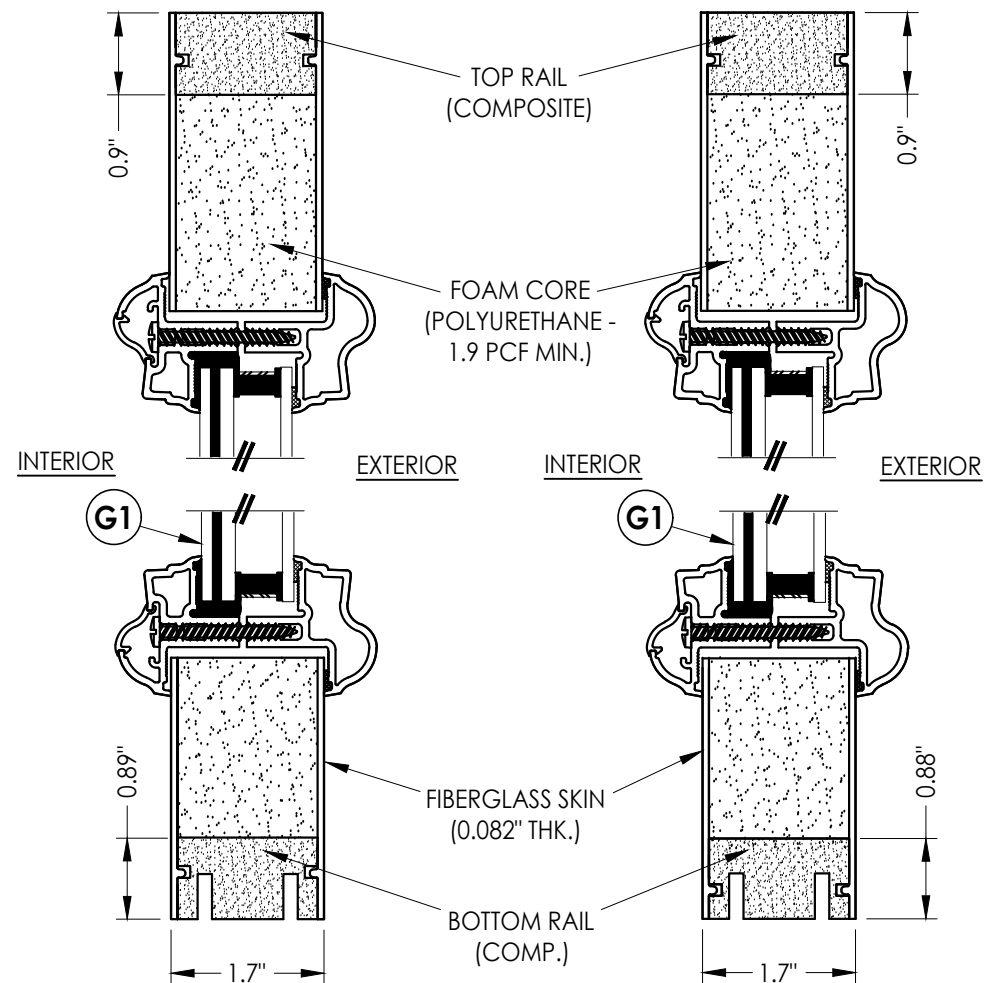
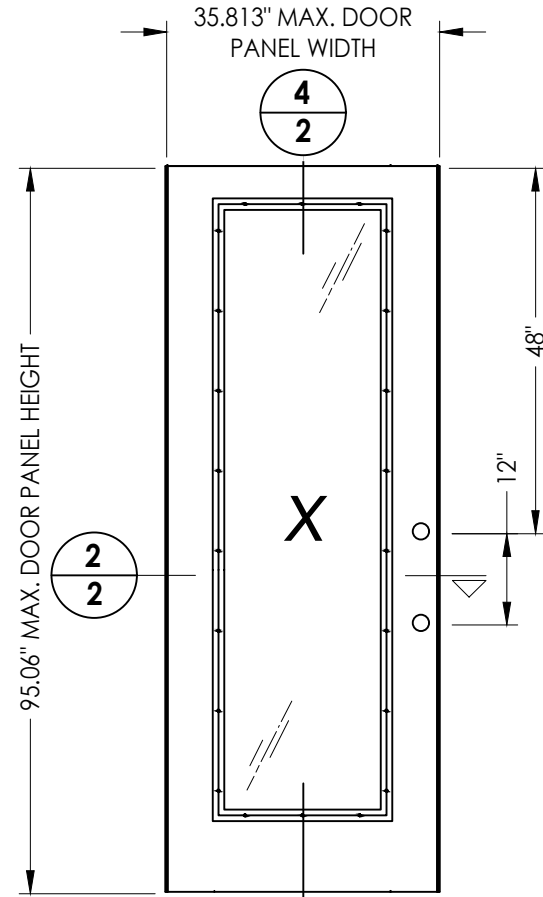
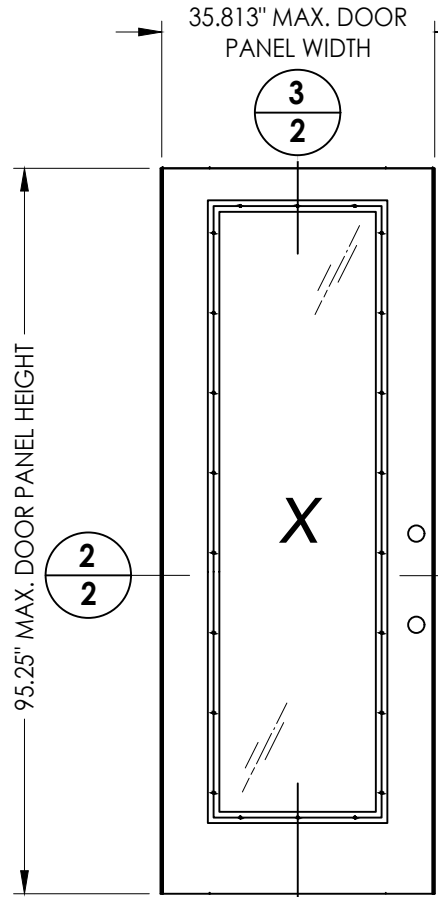
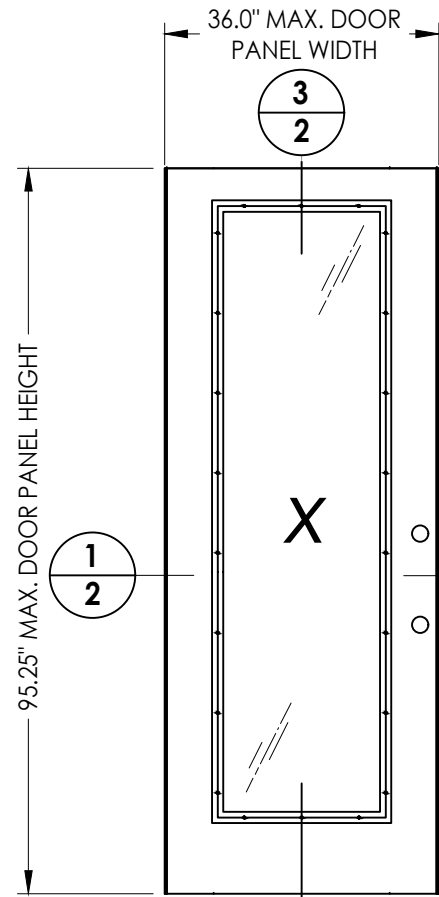
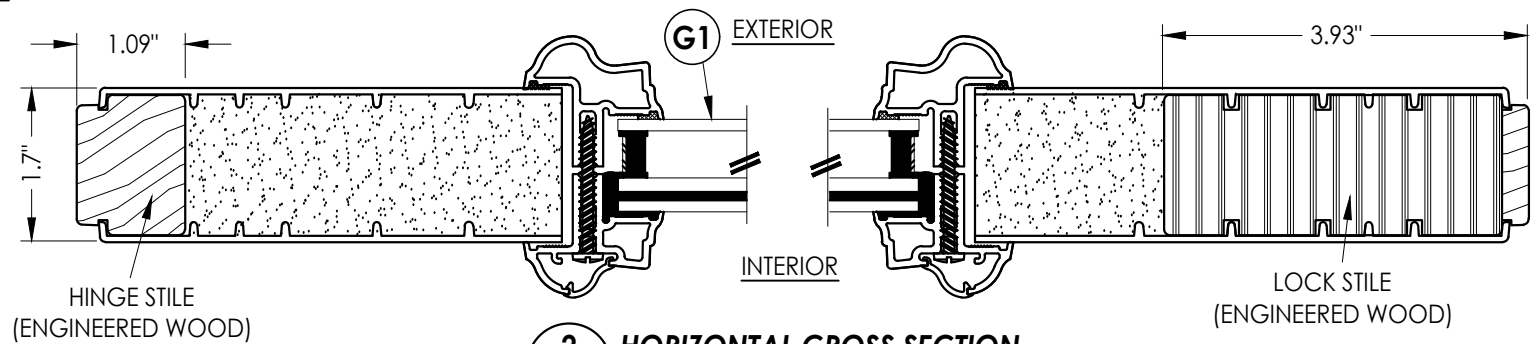
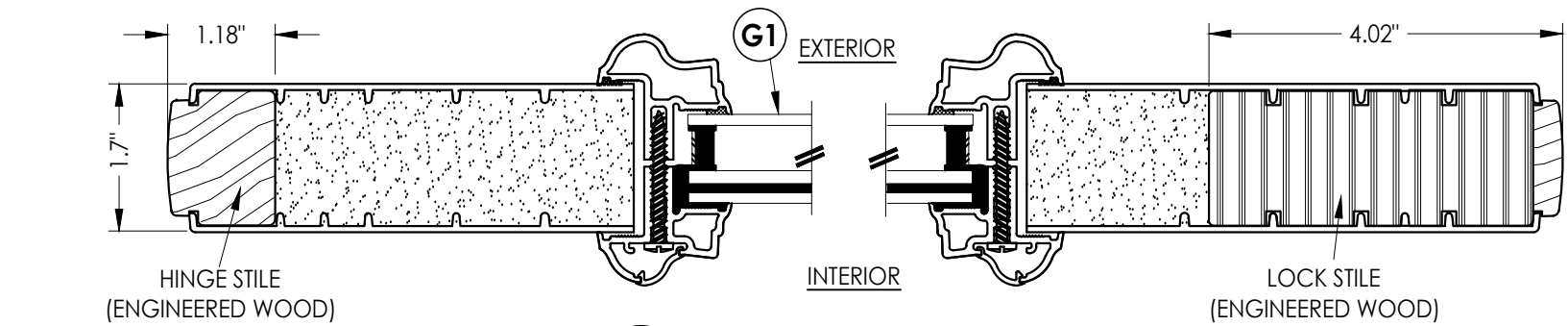
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA



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

See Sheet 4 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	
5	7/17/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	7/14/20	UPDATE TO 7th ED (2020) FBC	LFS
3	10/08/18	REV. DOOR PANEL OPTION NOTE	JK
2	12/03/17	RECESSED PANEL NOTATION	JK
1	7/17/17	UPDATE TO 6TH ED. (2017) FBC	JK
NO. DATE		REVISIONS	
DATE: 4/28/15		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-17540.8		SHEET 1 OF 15	



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

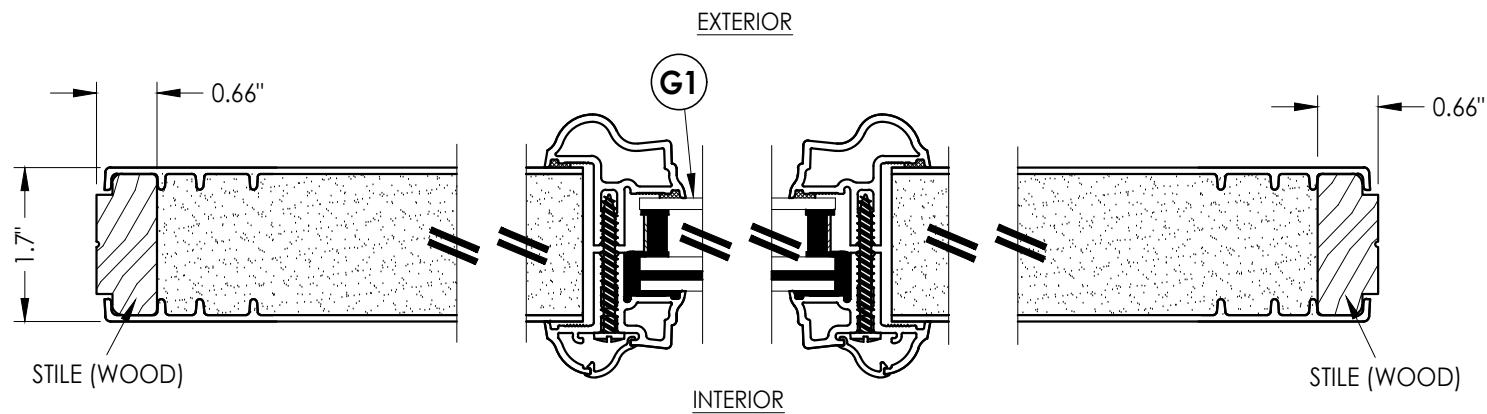
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

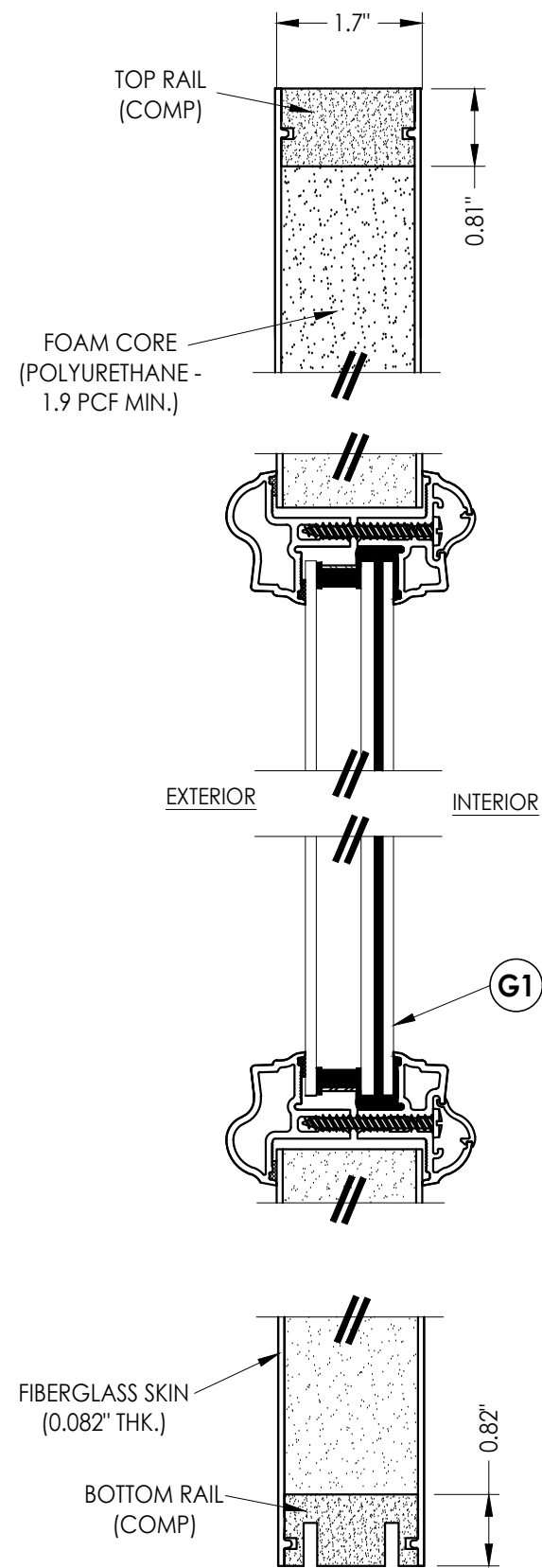
PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
5	7/17/23	UPDATE TO 8TH ED. (2023) FBC
4	7/14/20	UPDATE TO 7th ED (2020) FBC
3	10/08/18	REV. DOOR PANEL OPTION NOTE
2	12/03/17	RECESSED PANEL NOTATION
1	7/17/17	UPDATE TO 6TH ED. (2017) FBC
NO.	DATE	BY

DATE: 4/28/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17540.8
SHEET 2 OF 15



1
3 **HORIZONTAL CROSS SECTION**



2 VERTICAL CROSS SECTION

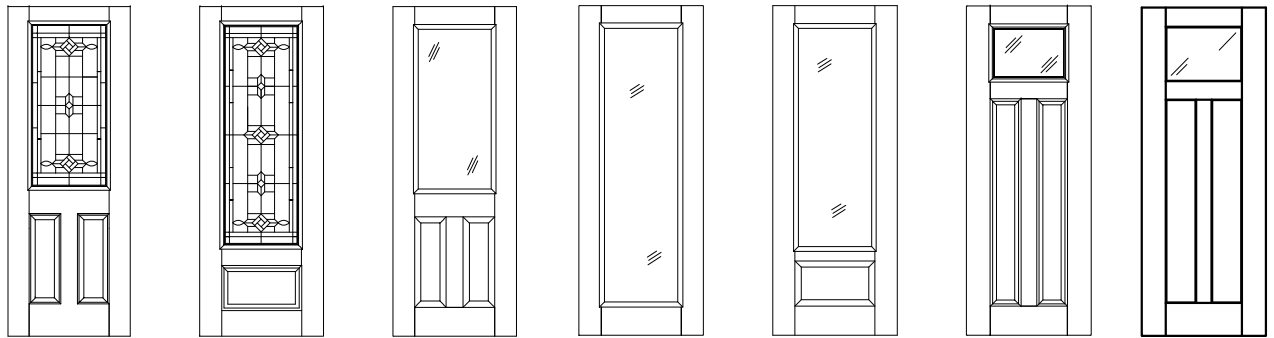
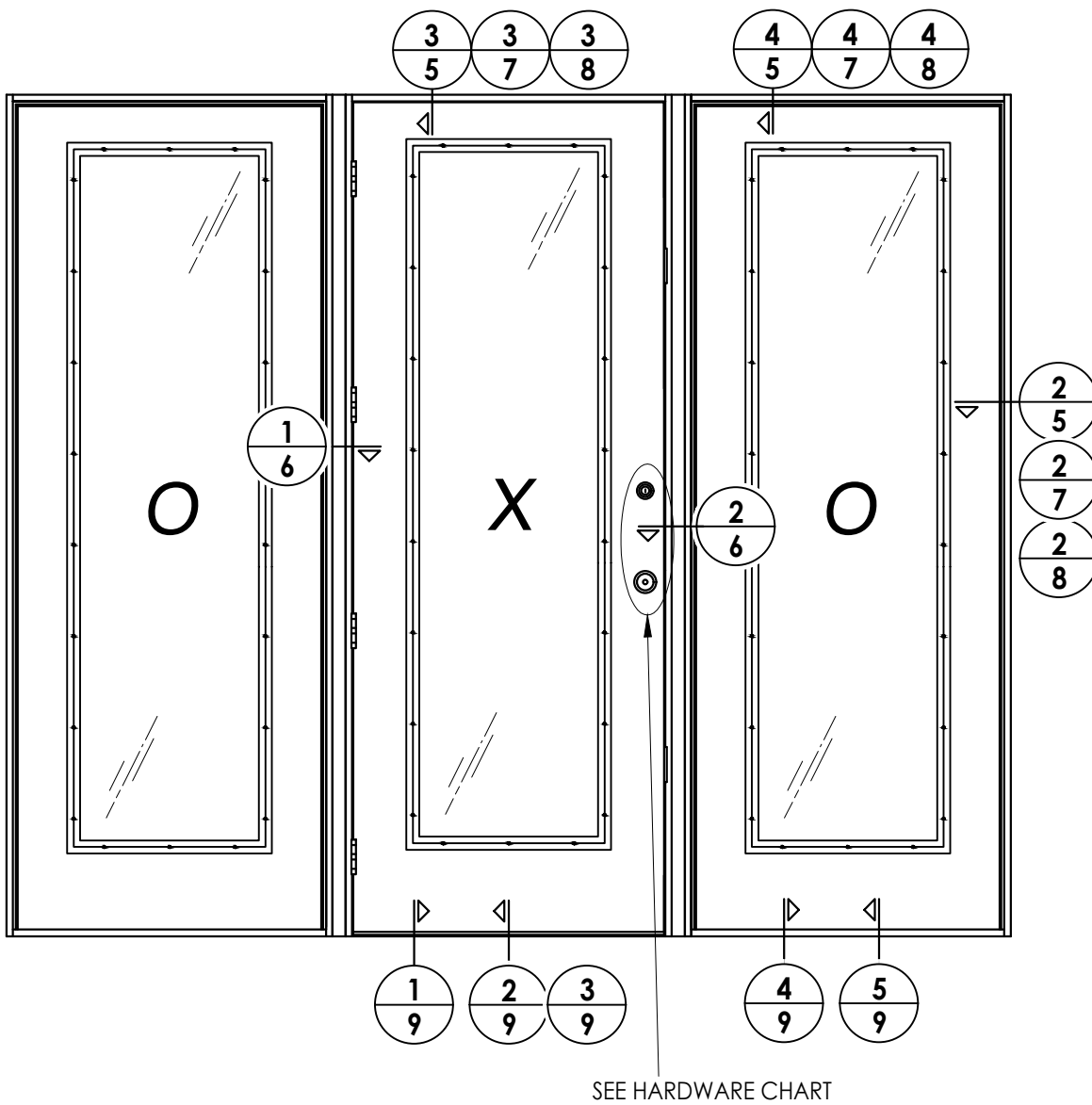
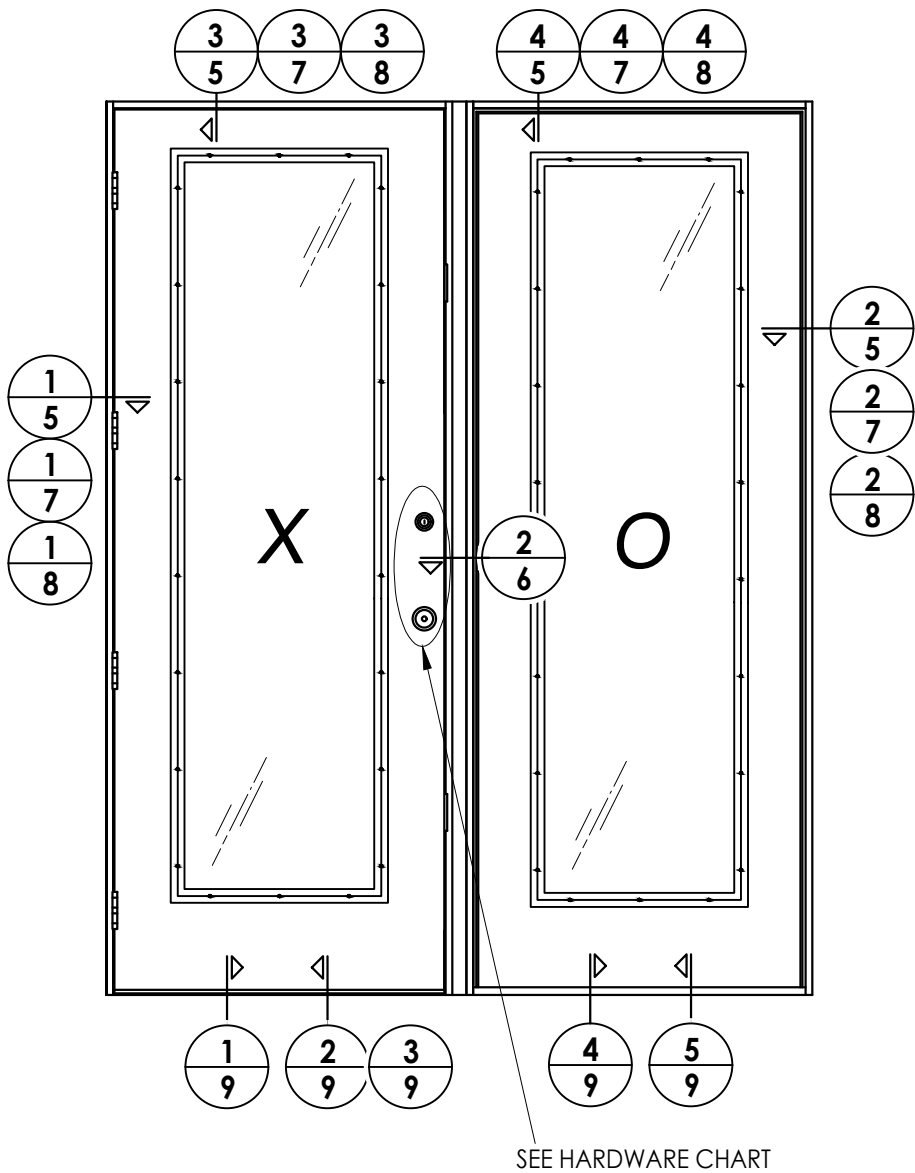
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4	7/14/20	UPDATE TO 7th ED (2020)	FBC	LFS
3	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT
2	12/03/17	RECESSED PANEL NOTATION		JK
1	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY
				REVISIONS

DATE:	4/28/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17540.8
SHEET	3 OF 15

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

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P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE Registry No. 9813

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Benchmark Door Panel Options

Products approved include all embossed and 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)

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17540.8

SHEET 4 OF 15

5 7/17/23 UPDATE TO 8TH ED. (2023) FBC LFS

4 7/14/20 UPDATE TO 7th ED (2020) FBC LFS

3 10/08/18 REV. DOOR PANEL OPTION NOTE MT

2 12/03/17 RECESSED PANEL NOTATION JK

1 7/17/17 UPDATE TO 6TH ED. (2017) FBC JK

NO. DATE BY

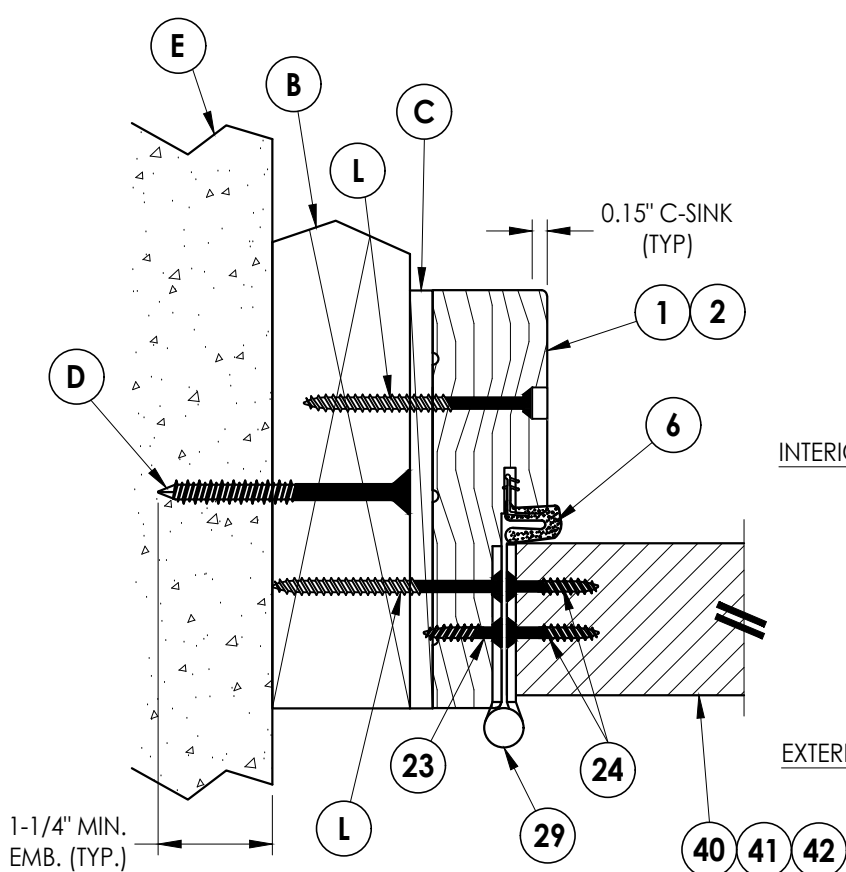
REVISIONS

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

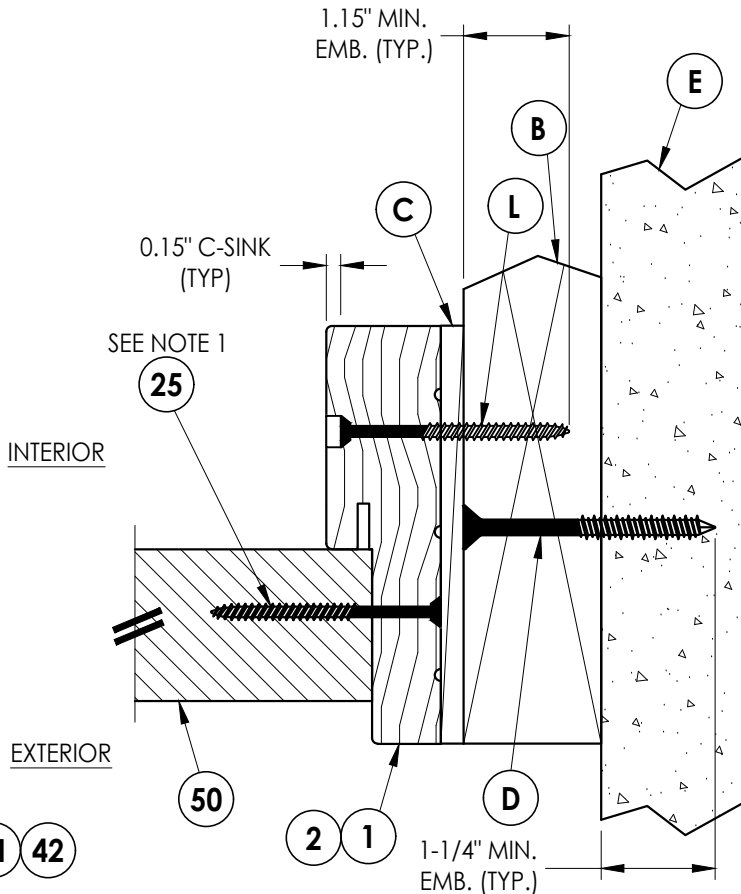
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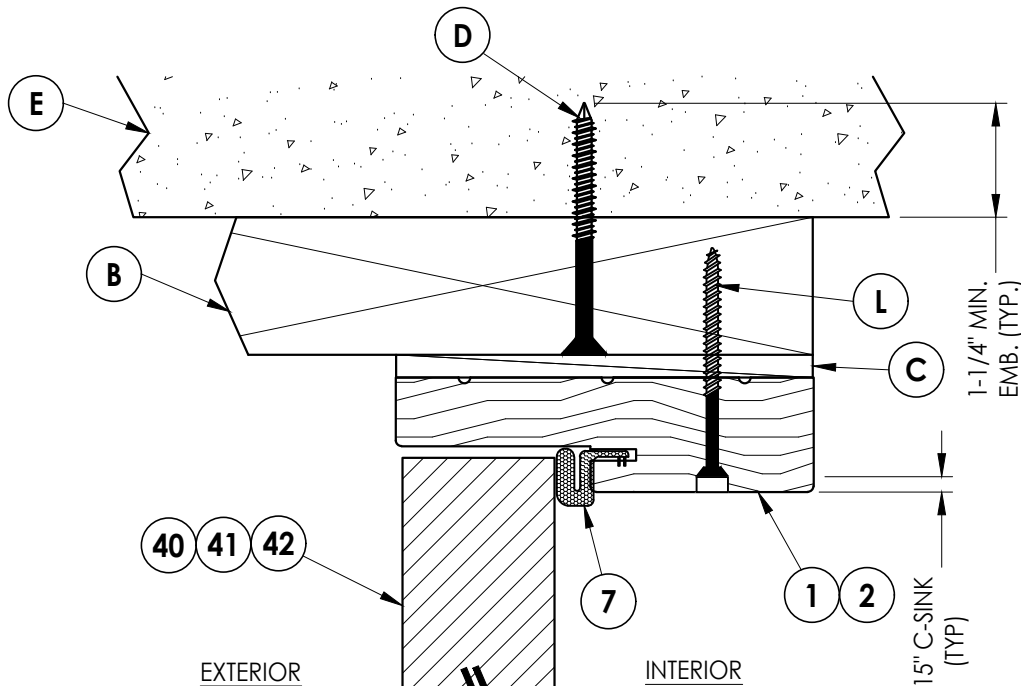
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2. Sidelite assembly screws located 6" from each end and @ center line (3 screws total).



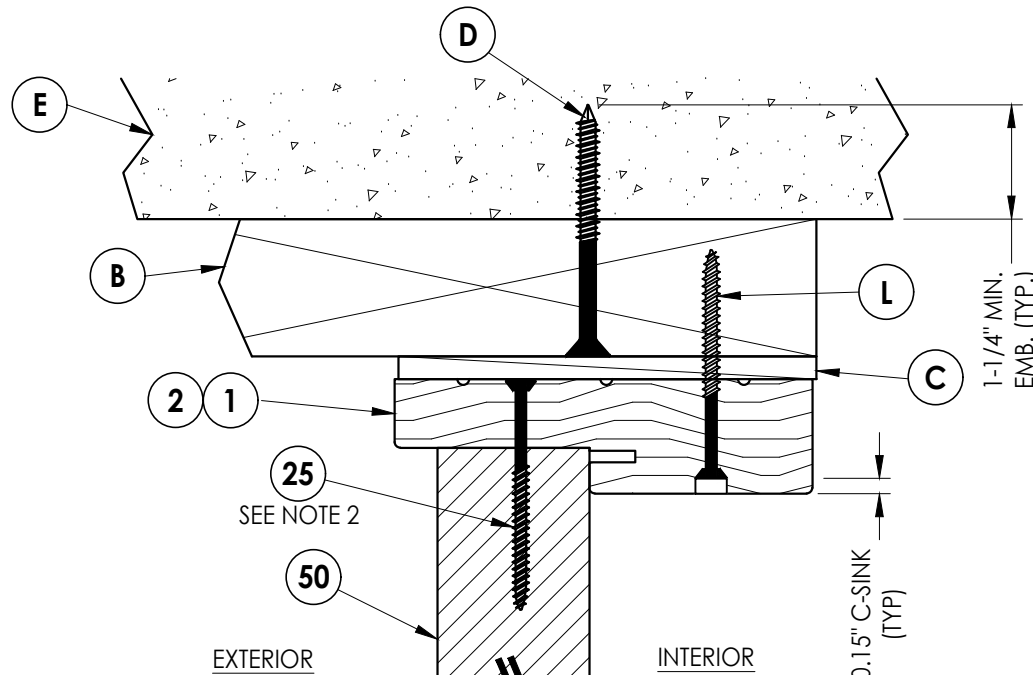
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



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



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



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

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:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
5	7/17/23	UPDATE TO 8TH ED. (2023) FBC
4	7/14/20	UPDATE TO 7th ED (2020) FBC
3	10/08/18	REV. DOOR PANEL OPTION NOTE
2	12/03/17	RECESSED PANEL NOTATION
1	7/17/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

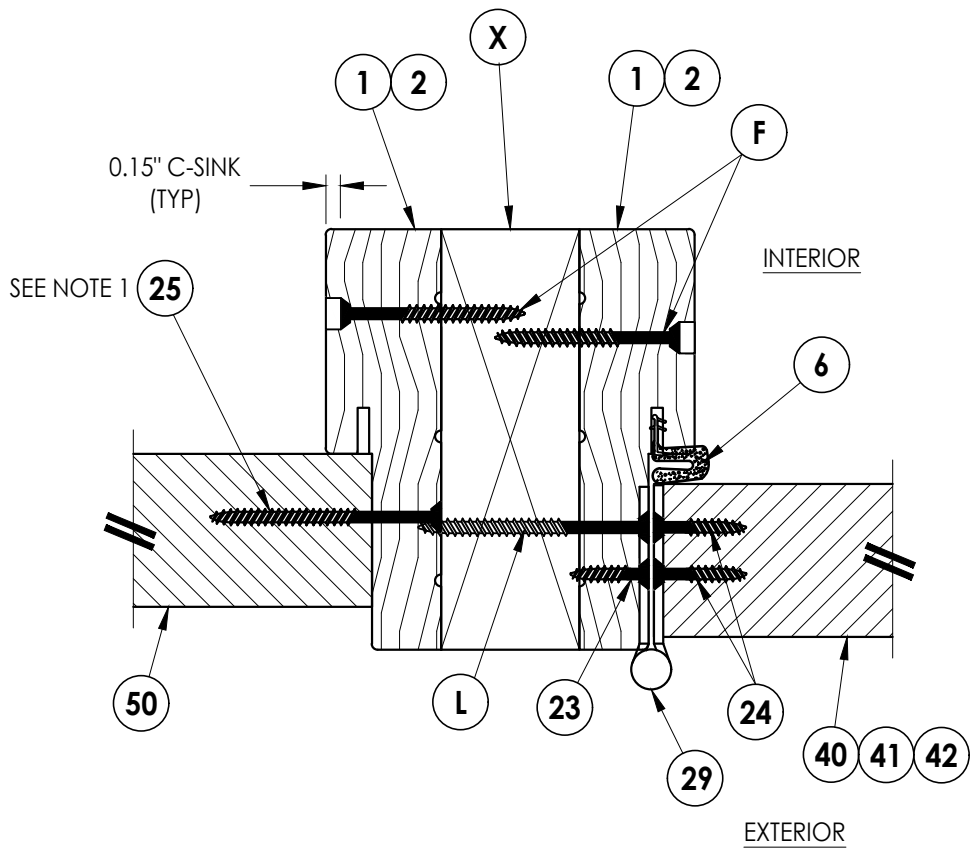
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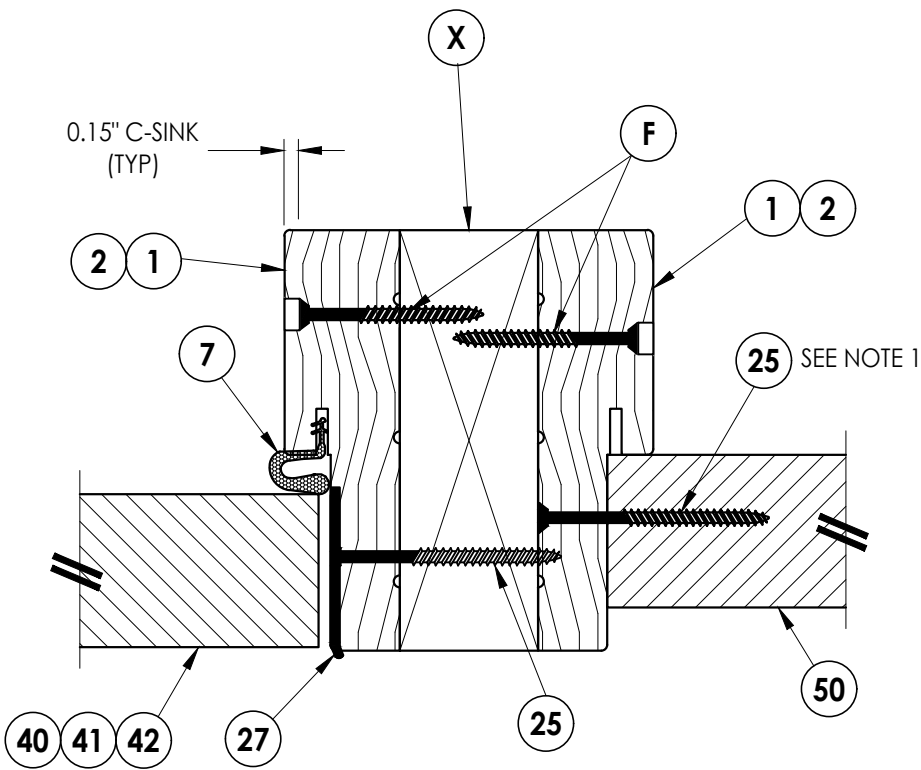
FL-17540.8

SHEET 5 OF 15

Notes:
1. Sidelite assembly screws located 6" from top and bottom &
6 more screws equally spaced between (8 screws total per side jamb).



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

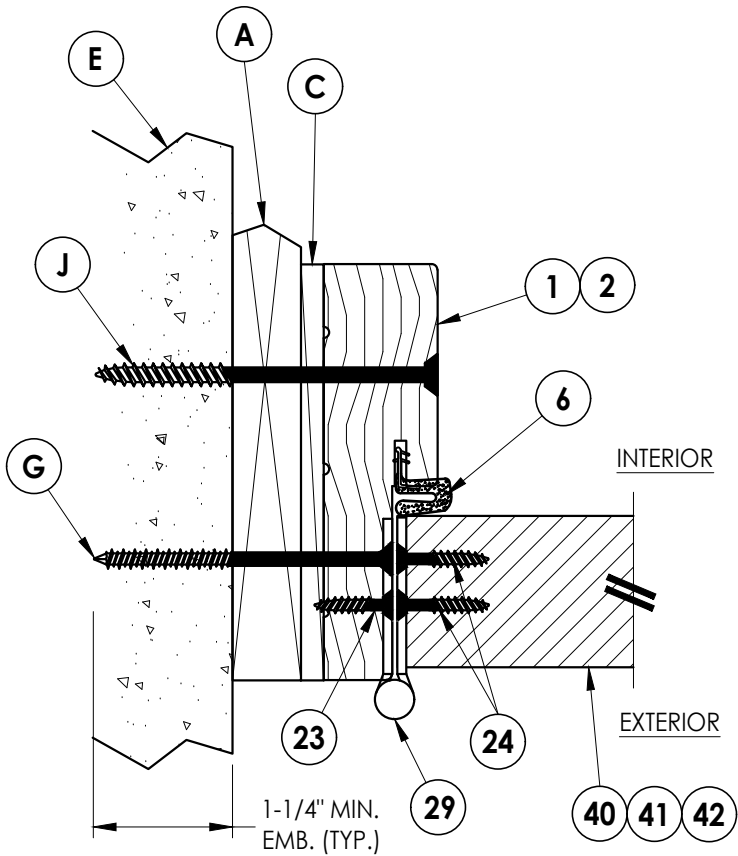


2 **HORIZONTAL CROSS SECTION**
6 Outswing shown (Inswing similar)

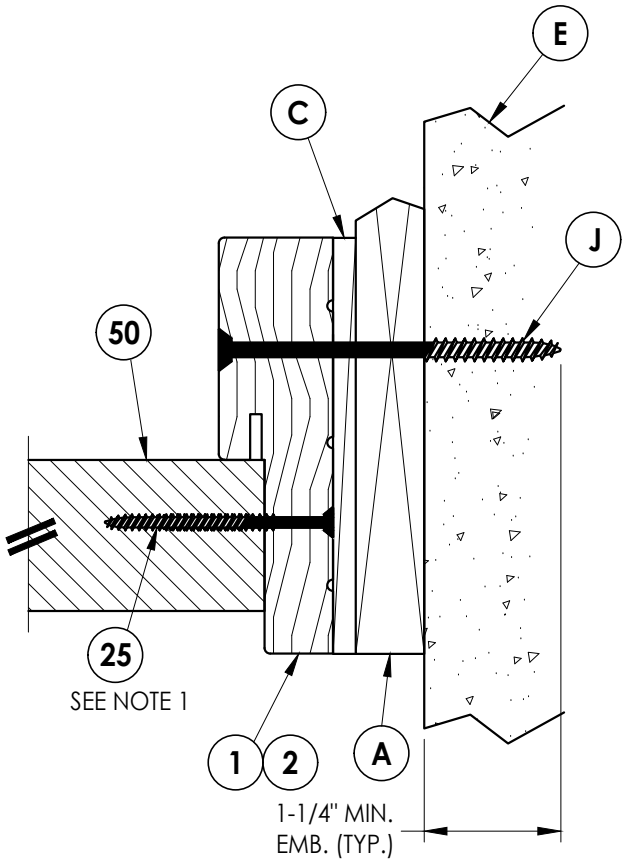
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R ^W BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
5	7/17/23	UPDATE TO 8TH ED. (2023)	FBC
4	7/14/20	UPDATE TO 7th ED (2020)	FBC
3	10/08/18	REV. DOOR PANEL OPTION	NOTE
2	12/03/17	RECESSED PANEL NOTATION	JK
1	7/17/17	UPDATE TO 6TH ED. (2017)	FBC
NO.	DATE	REVISIONS	
DATE: 4/28/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17540.8			
SHEET 6 OF 15			

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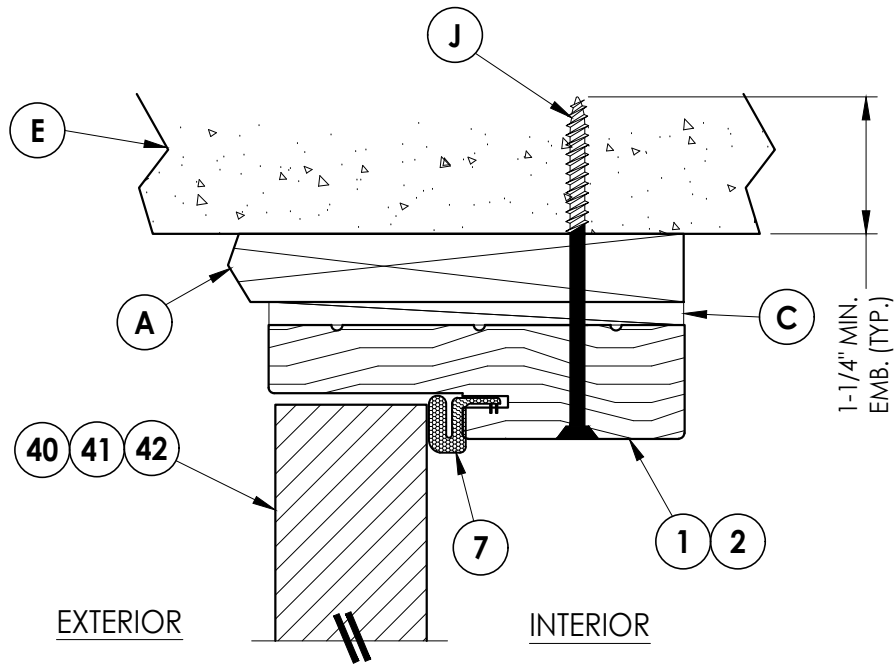
- Notes:
- Sidelite assembly screws located 6" from top and bottom & 6 more screws equally spaced between (8 screws total per side jamb).
 - Sidelite assembly screws located 6" from each end and @ center line (3 screws total).



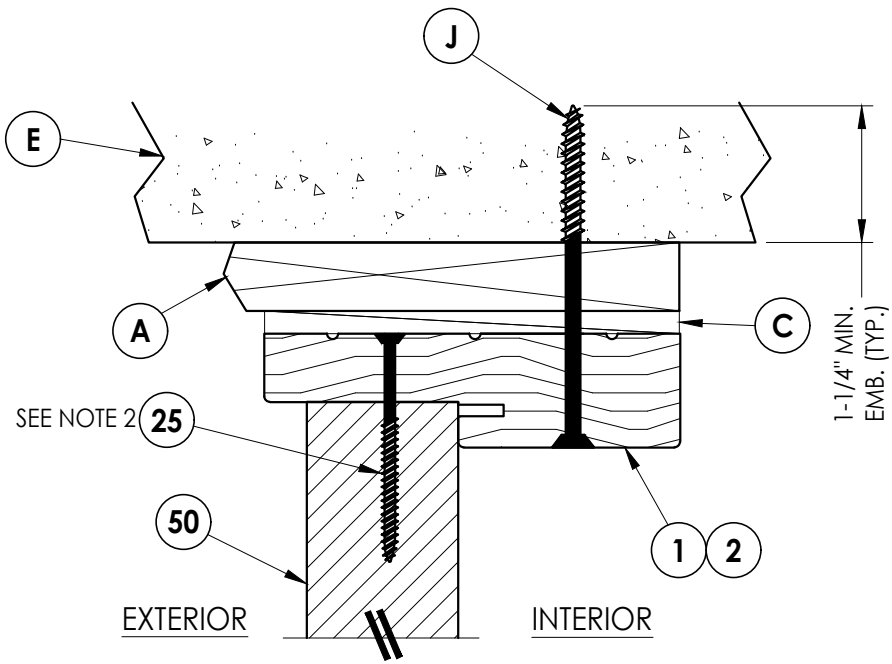
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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



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

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

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

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
5	7/17/23	UPDATE TO 8TH ED. (2023) FBC
4	7/14/20	UPDATE TO 7th ED (2020) FBC
3	10/08/18	REV. DOOR PANEL OPTION NOTE
2	12/03/17	RECESSED PANEL NOTATION
1	7/17/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 4/28/15

SCALE: N.T.S.

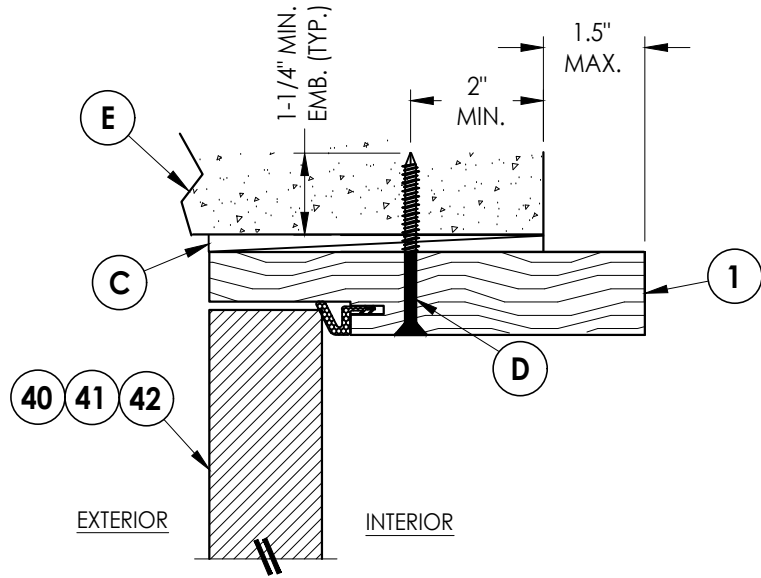
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CHK. BY: LFS

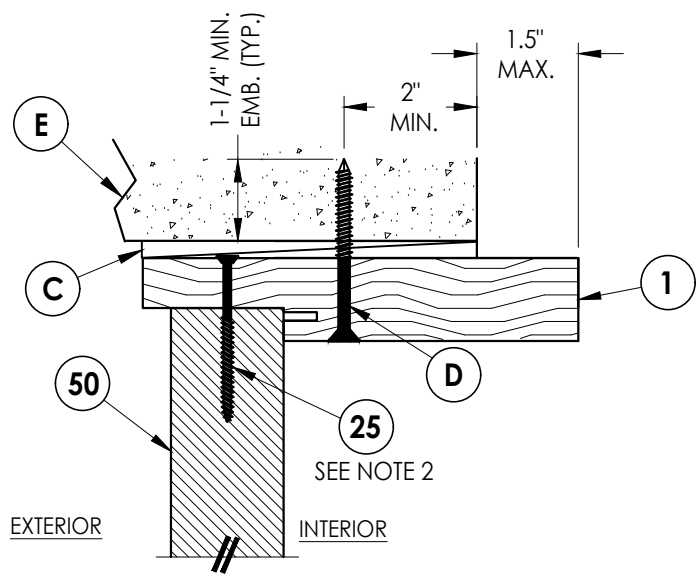
DRAWING NO.:

FL-17540.8

SHEET 7 OF 15

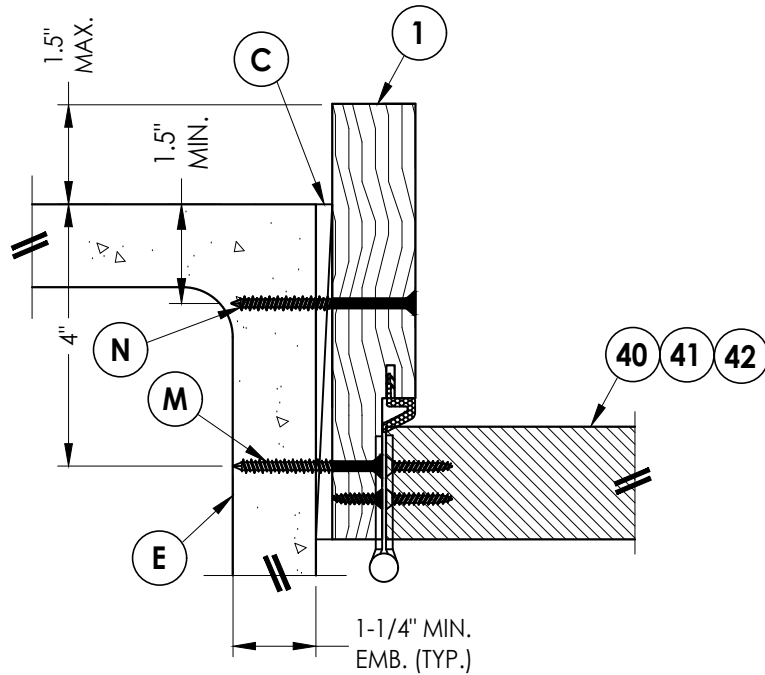


3 **HORIZONTAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

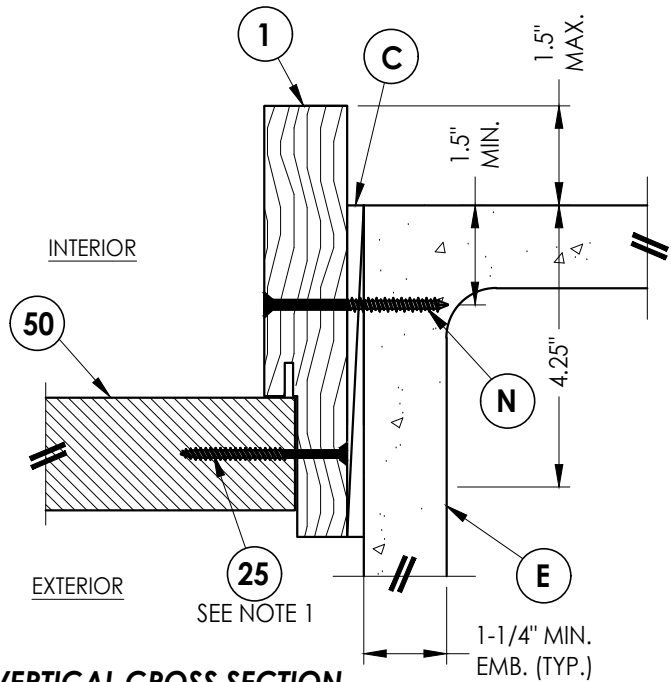


4 **VERTICAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Notes:
1. Sidelite assembly screws located 6" from top and bottom &
6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 6" from each end and @ center line
(3 screws total).



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

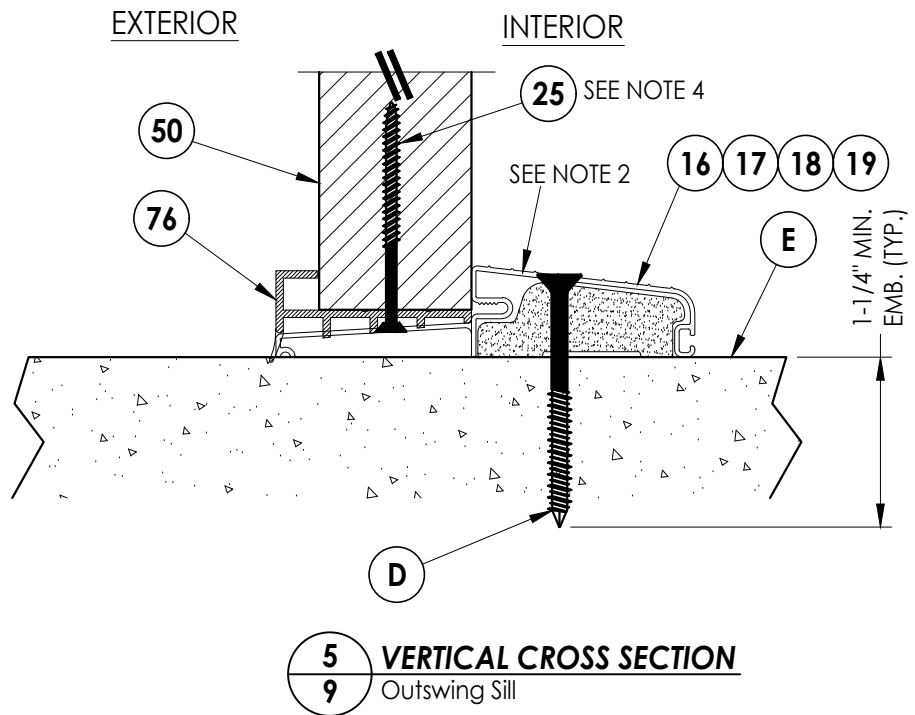
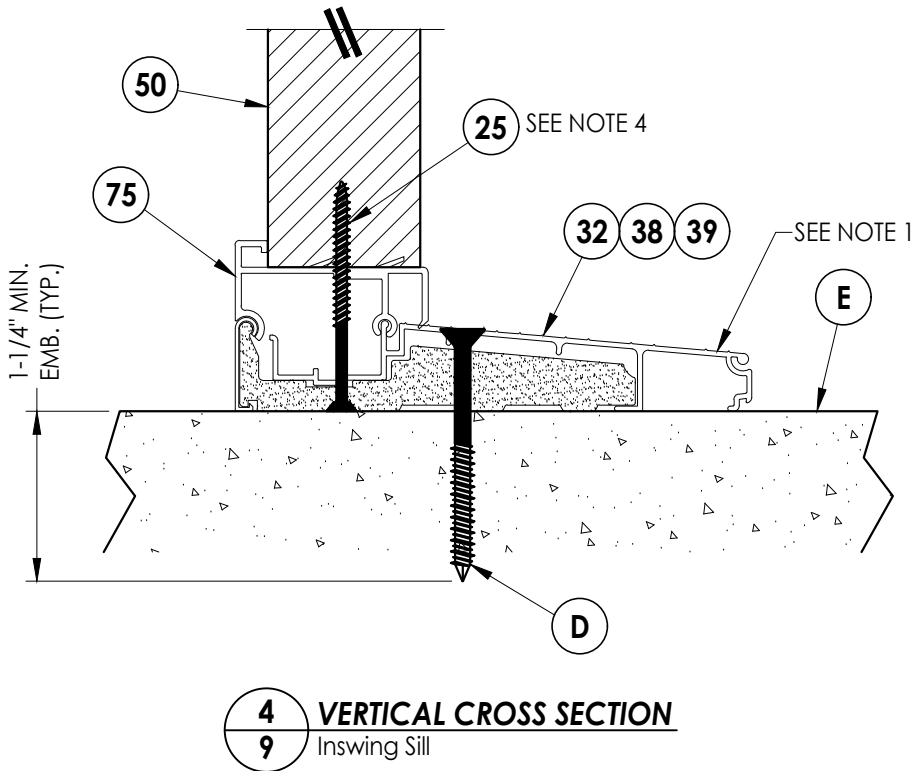
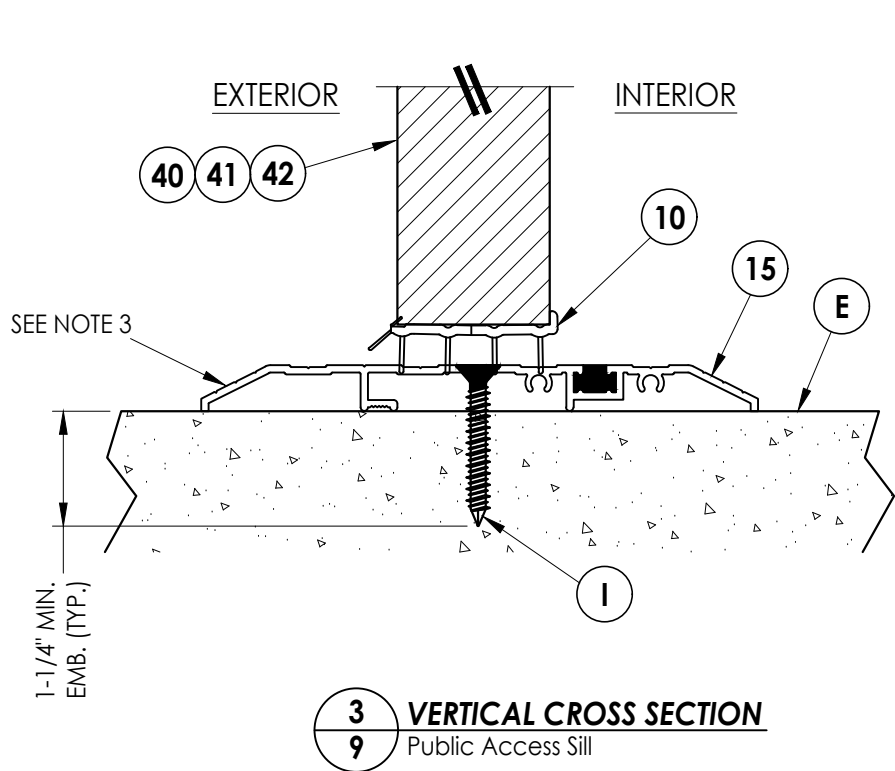
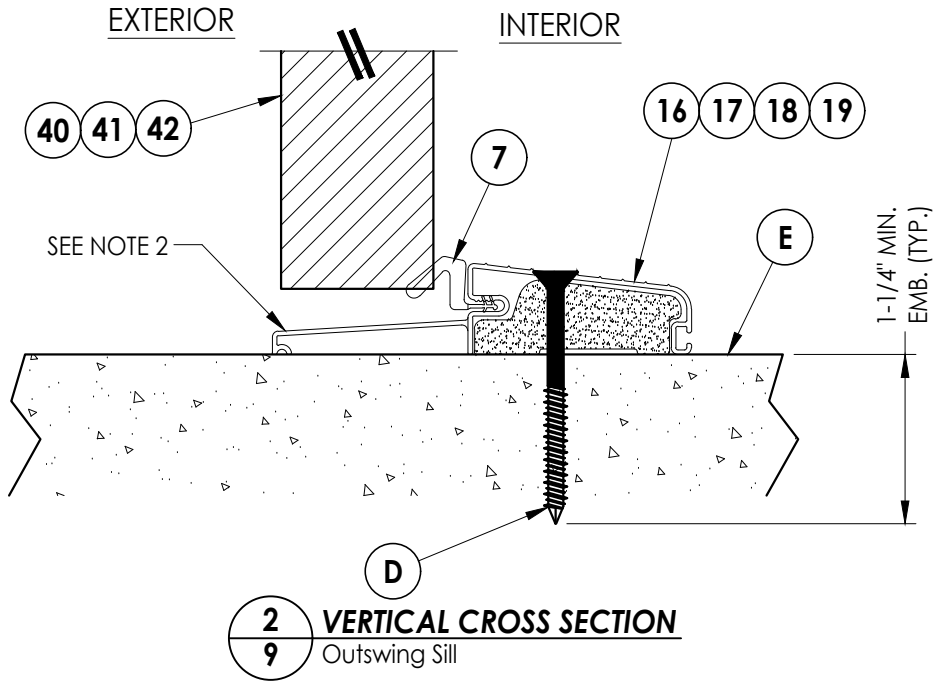
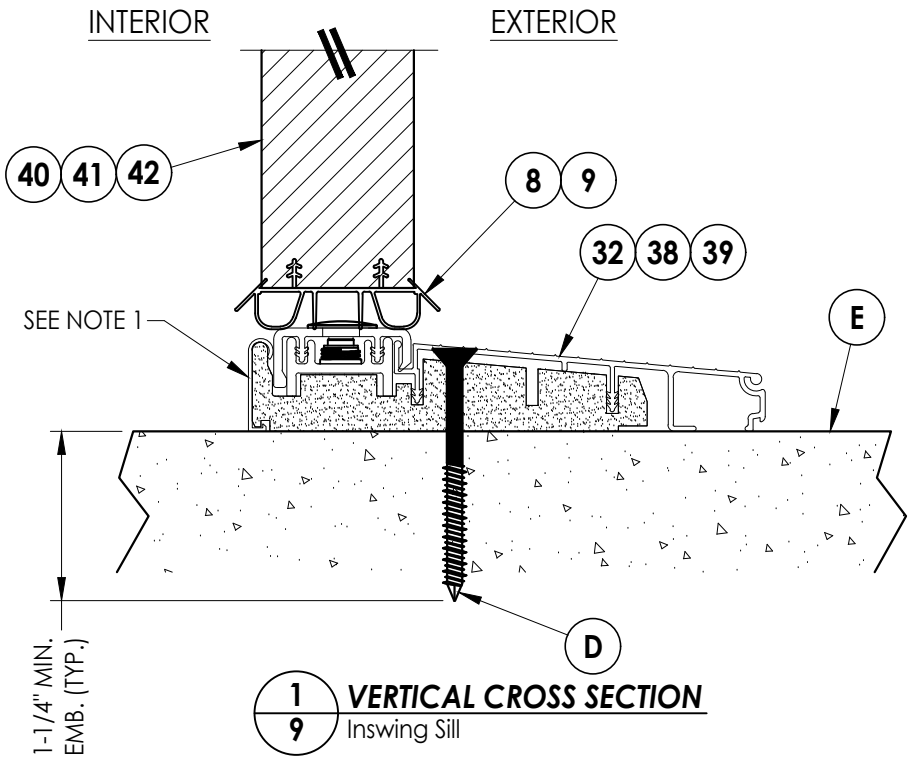


2 **VERTICAL CROSS SECTION**
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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 SECTIONS (DIRECT TO MASONRY)			
5	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	7/14/20	UPDATE TO 7th ED (2020)	FBC	LFS			
3	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT			
2	12/03/17	RECESSED PANEL NOTATION	JK	JK			
1	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
NO.	DATE			BY			
				REVISIONS			
DATE: 4/28/15							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17540.8							
SHEET 8 OF 15							

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- Notes:
- 1. Sill Item #'s 32, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws or (3) 2.5" staples at each end.
 - 2. Sill Item #'s 16, 17, 18 & 19 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
 - 3. Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS at each end.
 - 4. Sidelite assembly screws located 4" from each end (2 screws along Sill).



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:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

	LFS	FBC	MT	JK	BY
5	7/17/23	UPDATE TO 8TH ED. (2023)	NOTE	JK	
4	7/14/20	UPDATE TO 7th ED (2020)	NOTE	JK	
3	10/08/18	REV. DOOR PANEL OPTION	NOTE	JK	
2	12/03/17	RECESSED PANEL NOTATION		JK	
1	7/17/17	UPDATE TO 6TH ED. (2017)		JK	
NO.	DATE	REVISIONS			

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

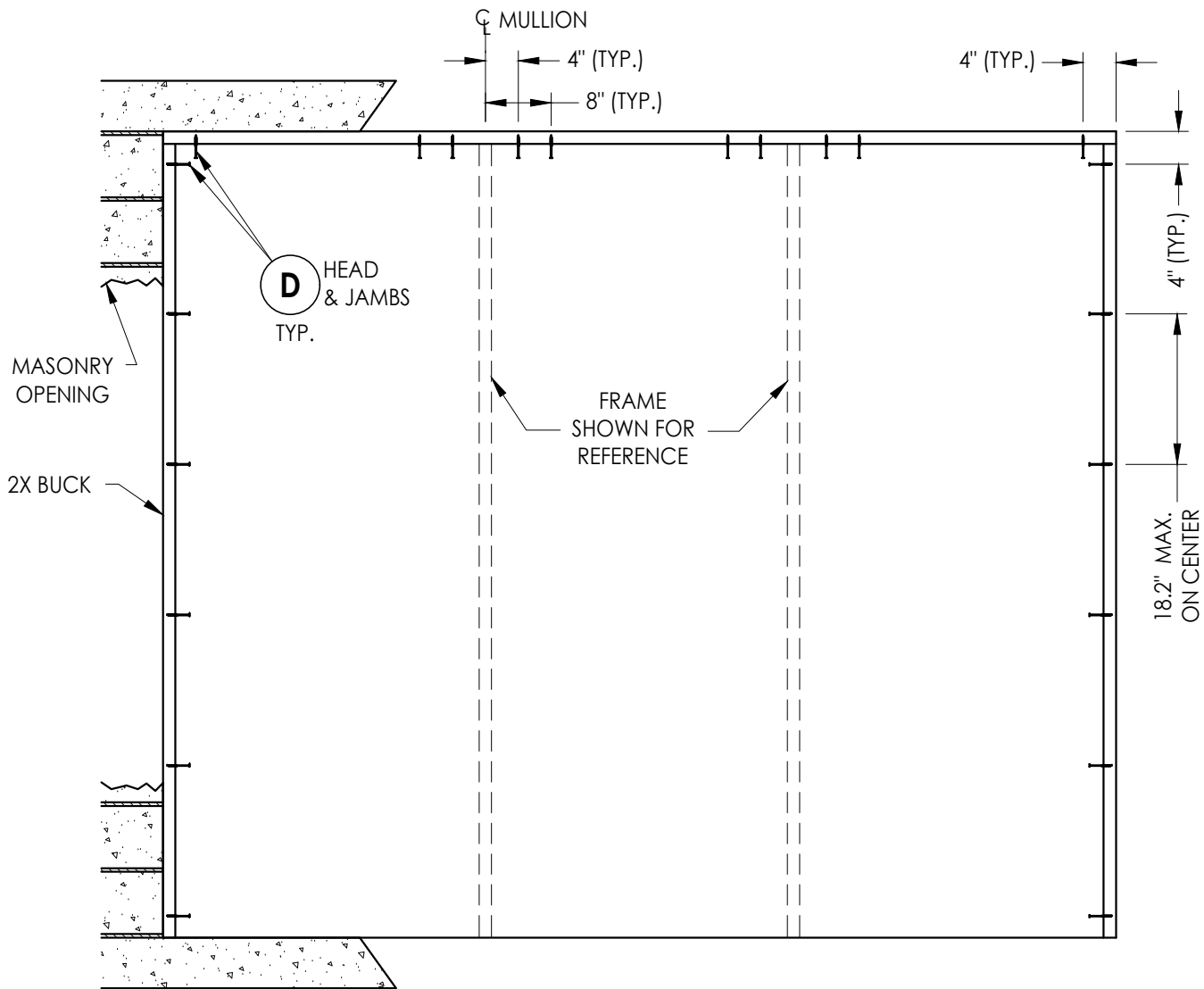
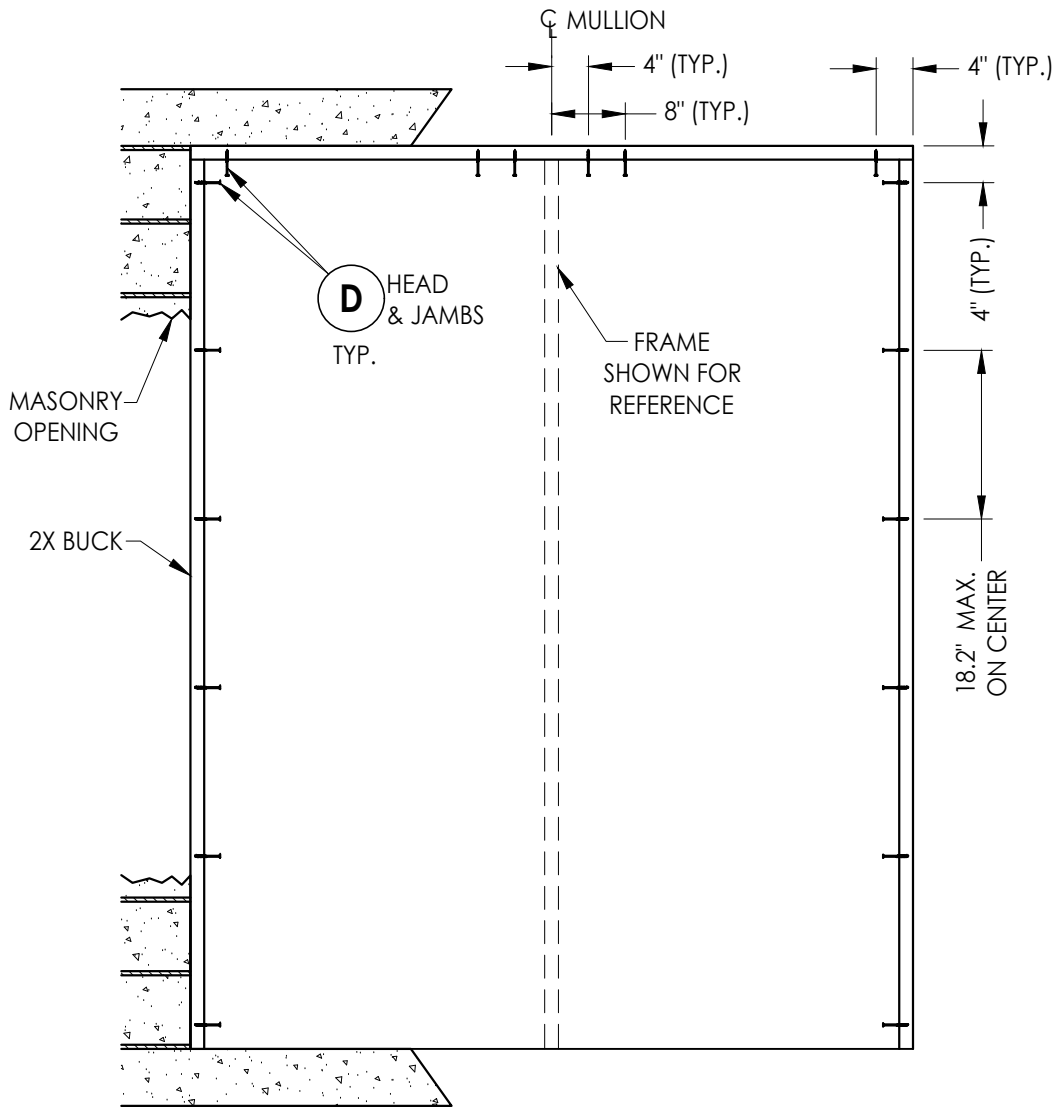
CHK. BY: LFS

DRAWING NO.:

FL-17540.8

SHEET 9 OF 15

Z:\2023 FBC Drawings\Therma-Tru\FL-17540 R6\FL-17540.5-8.dwg



2X BUCK ANCHORING

NO	DATE	REVISIONS			
		DATE	BY	JK	BY
5	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	7/14/20	UPDATE TO 7th ED (2020)	FBC	LFS	
3	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT	
2	12/03/17	RECESSED PANEL NOTATION		JK	
1	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17540.8

SHEET 10 OF 15

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

BUCK ANCHORING

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

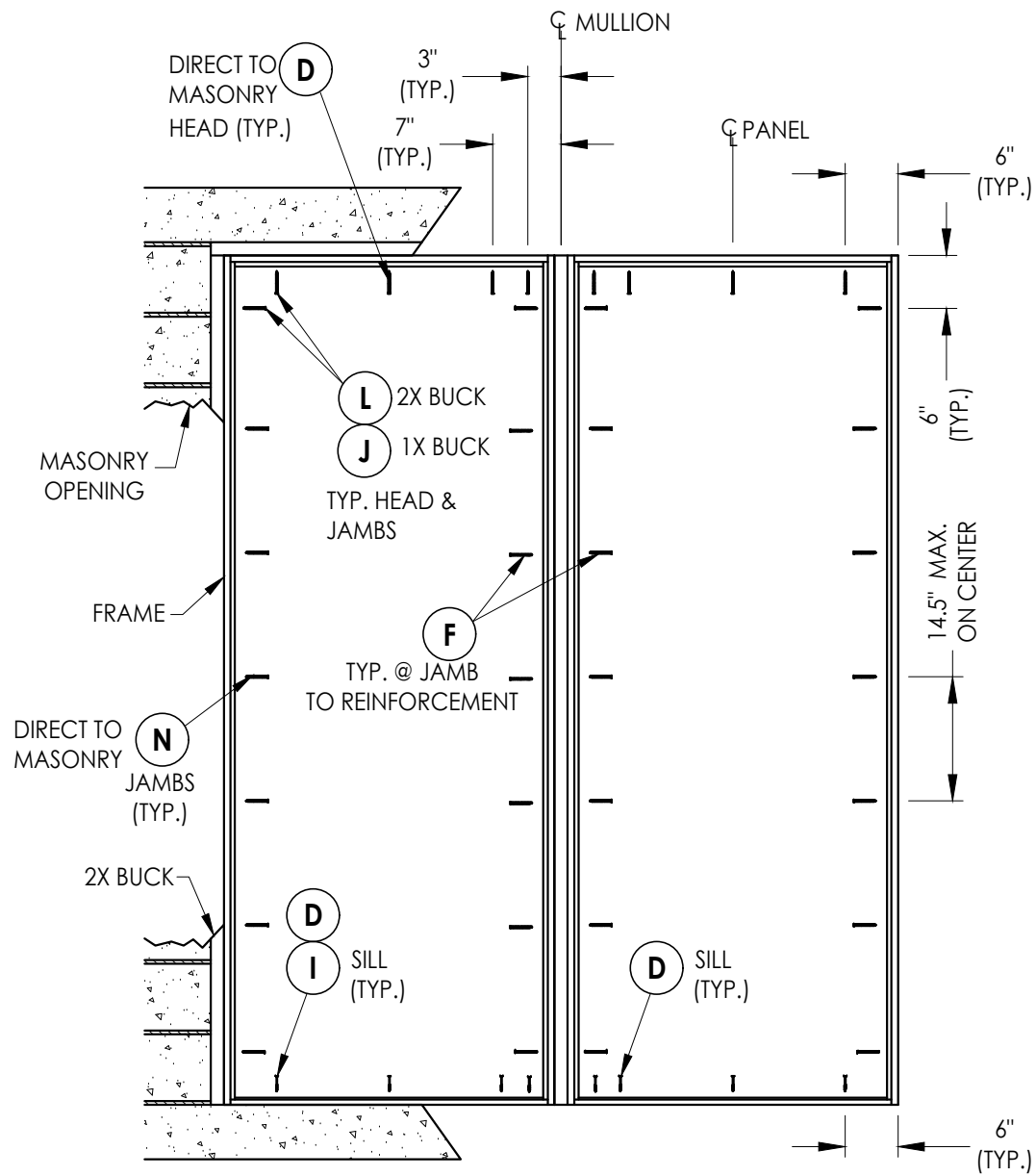
RW BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

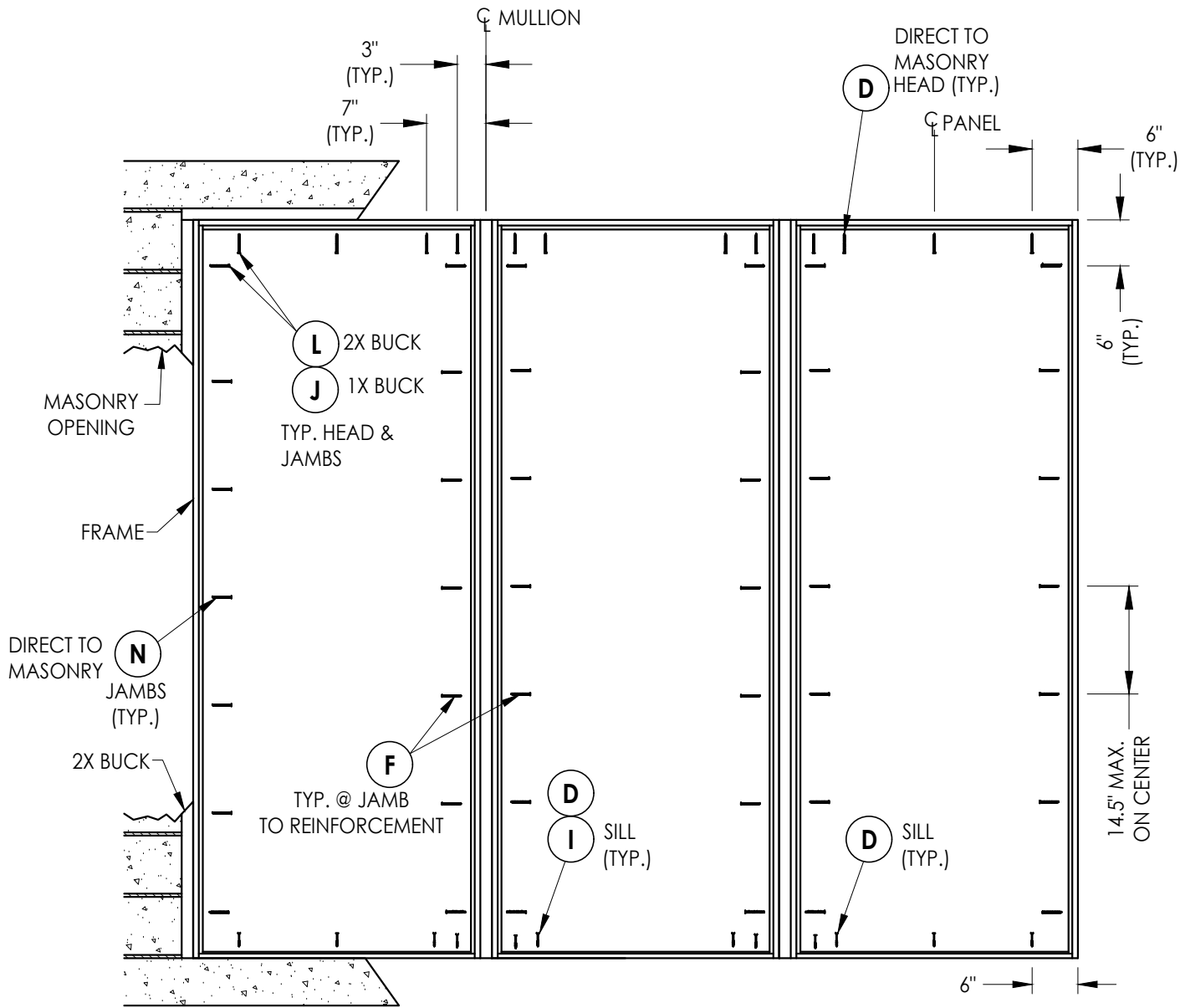
FBPE Registry No. 9813

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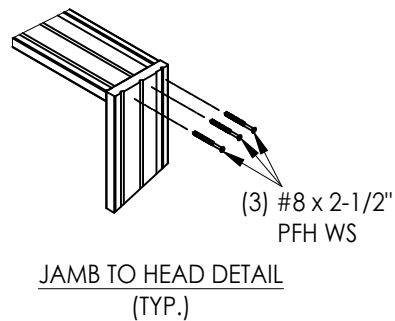
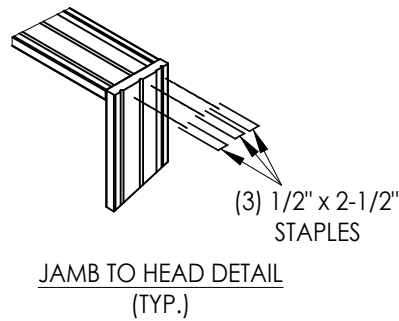


XO/OX

FRAME ANCHORING

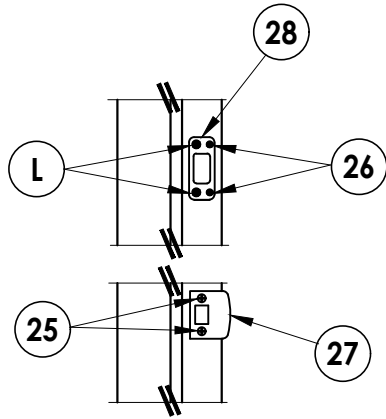


OXO

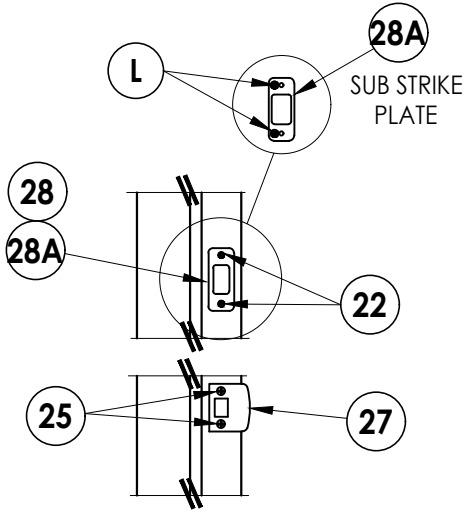


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: THERMA-TRU FIBERGLASS DOOR				PART OR ASSEMBLY: FRAME ANCHORING			
5	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	7/14/20	UPDATE TO 7th ED (2020)	FBC	LFS			
3	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT			
2	12/03/17	RECESSED PANEL	NOTATION	JK			
1	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
NO.	DATE			BY			
				REVISIONS			
DATE: 4/28/15							
SCALE:		N.T.S.					
DWG. BY:		JK					
CHK. BY:		LFS					
DRAWING NO.:		FL-17540.8					
SHEET		11		OF		15	

Z:\2023 FBC Drawings\Therma-Tru\FL-17540 R6\FL-17540.5-8.dwg

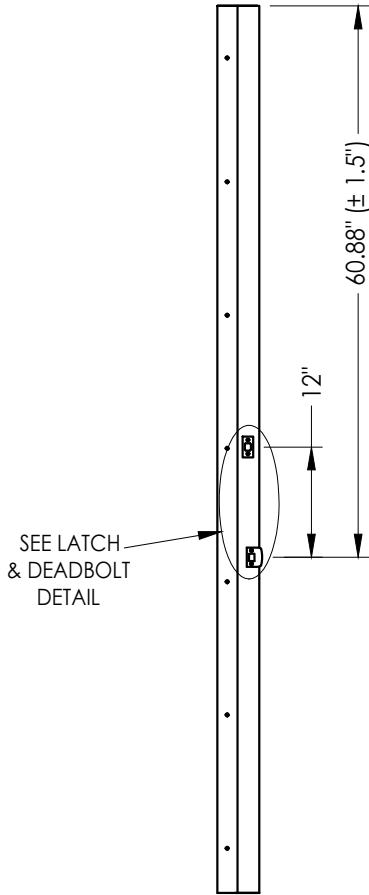


LATCH & DEADBOLT DETAIL
Kwikset

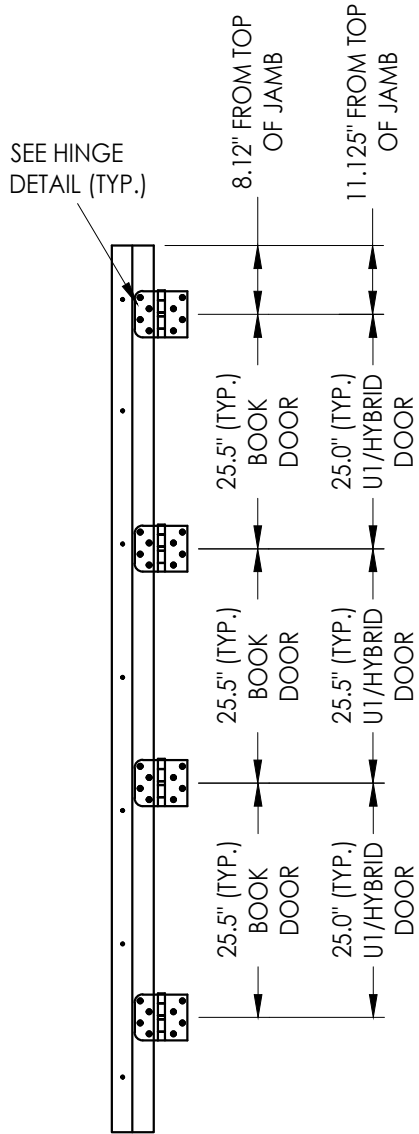


LATCH & DEADBOLT DETAIL
Schlage

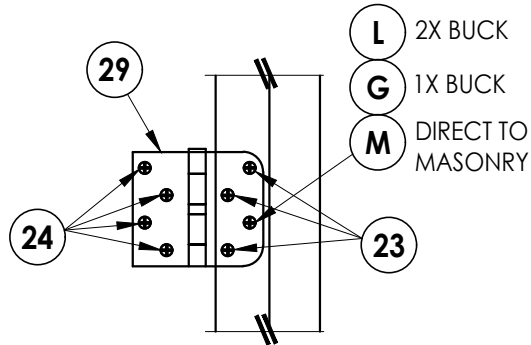
LATCH & DEADBOLT STRIKE DETAILS



STRIKE JAMB
Latch and Deadbolt



HINGE JAMB



HINGE DETAIL

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17540.8

SHEET 12 OF 15

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

HARDWARE DETAILS

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

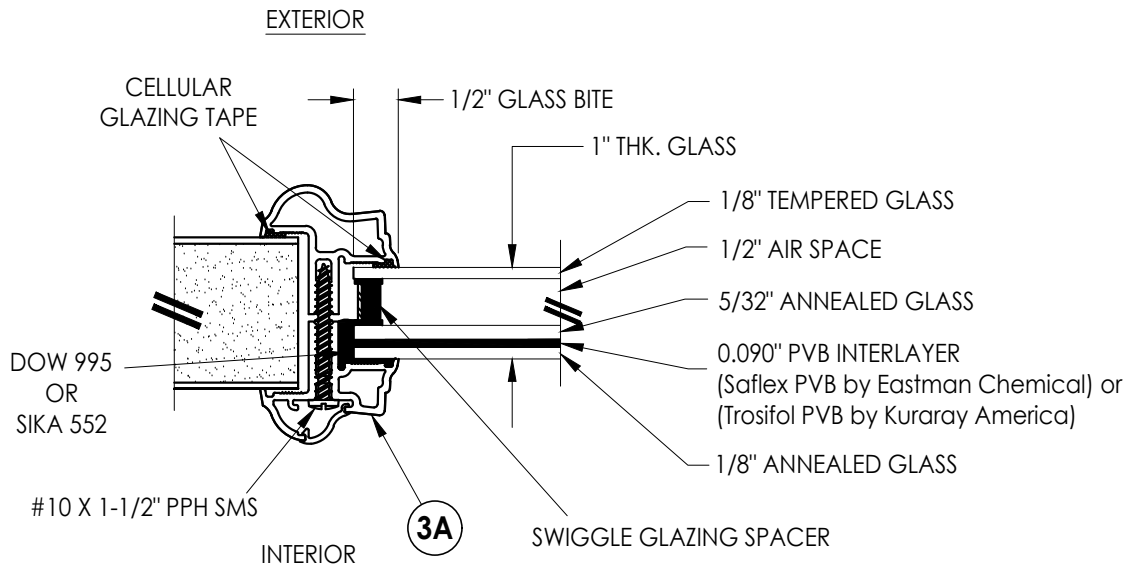
RW BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

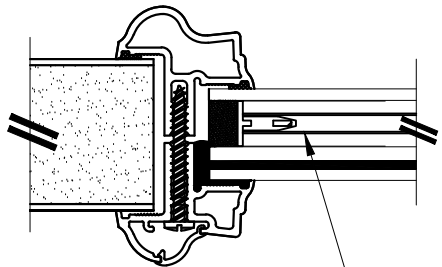
Phone No.: 813.659.9197

FBPE Registry No. 9813

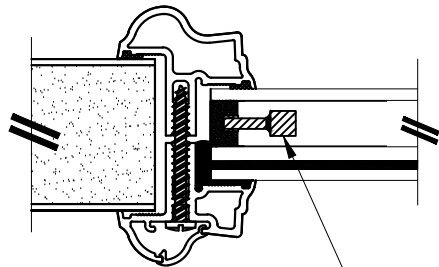
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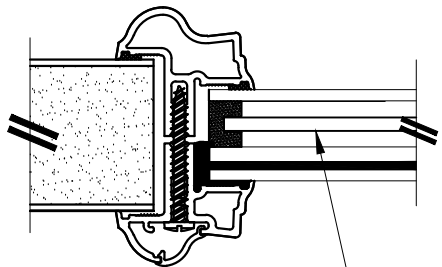
G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



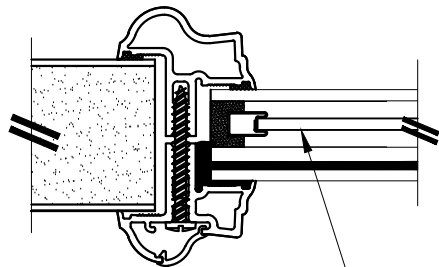
INTERNAL GRID (GBG)



WROUGHT IRON INSERT

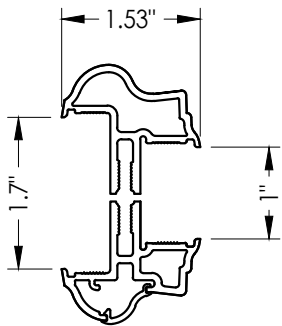


PRIVACY INSERT

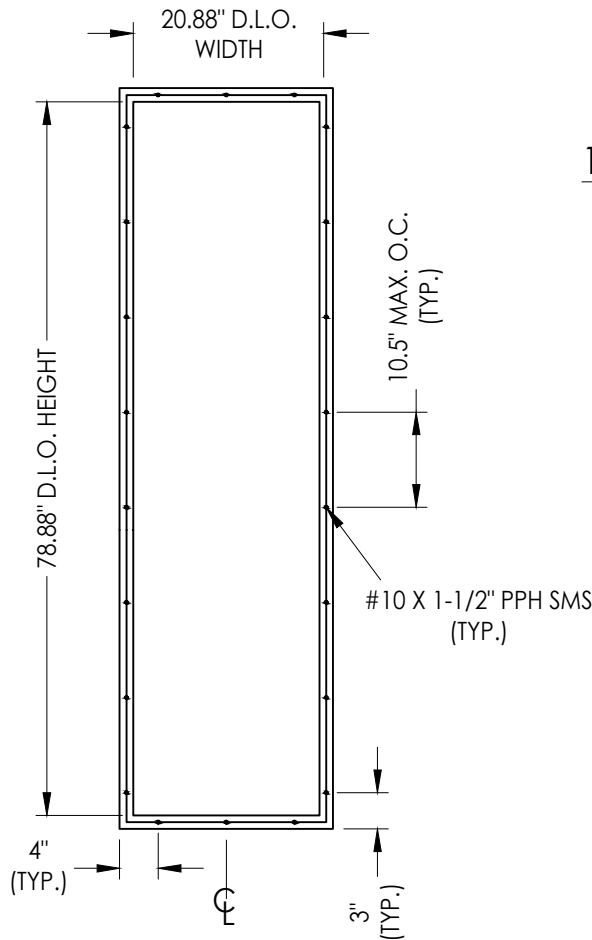


DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS



3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels & Sidelites



ALUMINUM LITE FRAME

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

GLAZING DETAILS

	5	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	4	7/14/20	UPDATE TO 7th ED (2020)	FBC	LFS
	3	10/08/18	REV. DOOR PANEL OPTION	NOTE	MT
	2	12/03/17	RECESSED PANEL NOTATION		JK
	1	7/17/17	UPDATE TO 6TH ED. (2017)	FBC	JK
	NO.	DATE			BY
REVISIONS					

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

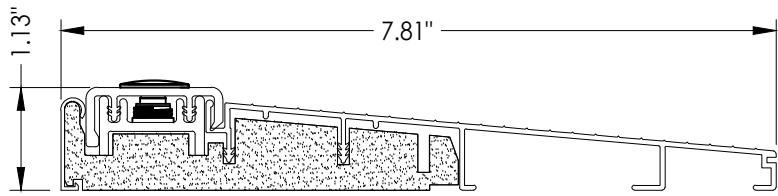
CHK. BY: LFS

DRAWING NO.:

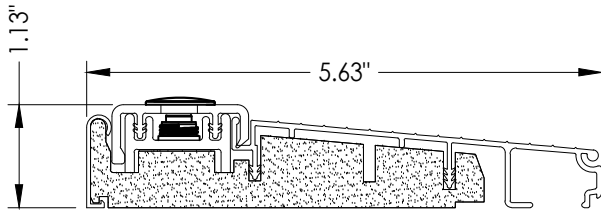
FL-17540.8

SHEET 13 OF 15

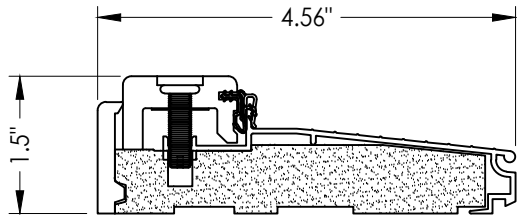
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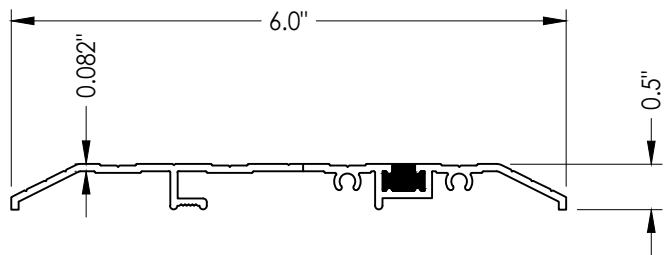
32 INSWING THRESHOLD
Inswing Composite Adjustable 7-3/4" Sill



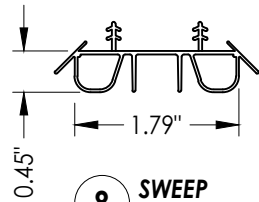
39 INSWING THRESHOLD
Inswing Composite Adjustable Sill



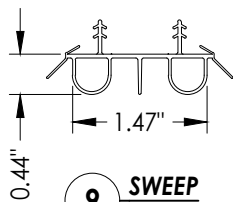
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



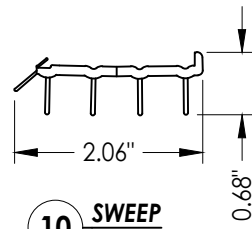
15 PUBLIC ACCESS THRESHOLD



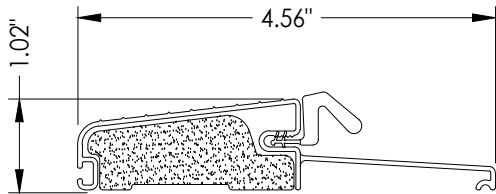
8 SWEEP



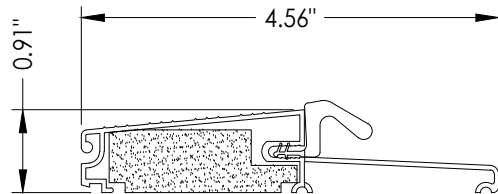
9 SWEEP



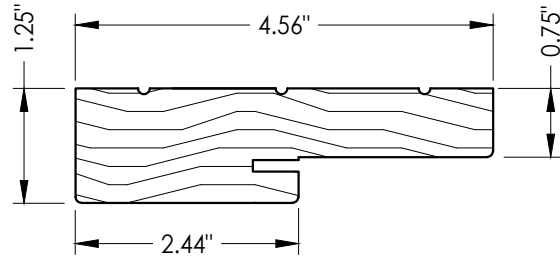
10 SWEEP



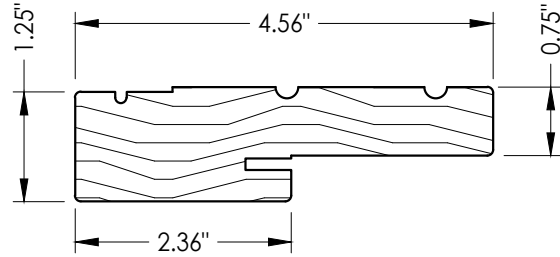
16 OUTSWING THRESHOLD
Composite Sill



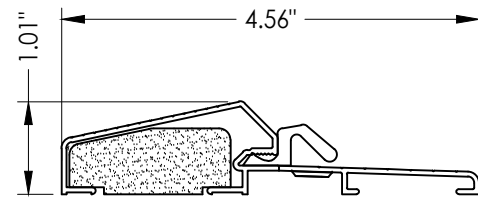
19 OUTSWING THRESHOLD
Composite Sill



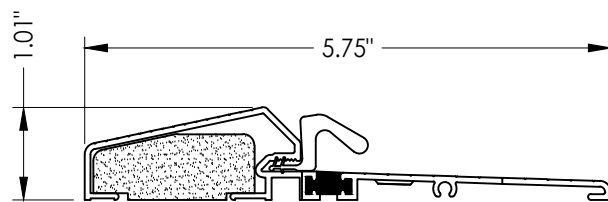
1 WOOD JAMB



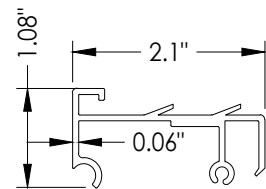
2 WOOD JAMB



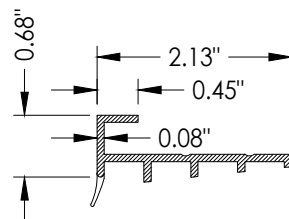
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



75 SIDELITE SPACER



76 SIDELITE SPACER

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS
5	7/17/23	UPDATE TO 8TH ED. (2023) FBC
4	7/14/20	UPDATE TO 7th ED (2020) FBC
3	10/08/18	REV. DOOR PANEL OPTION NOTE
2	12/03/17	RECESSED PANEL NOTATION
1	7/17/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17540.8

SHEET 14 OF 15

Z:\2023 FBC Drawings\Therma-Tru\FL-17540 R6\FL-17540.5-8.dwg

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 ELCO 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	
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
K	1/2" X 1" X 25 GA. CORRUGATED FASTENER	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
X	2X MULLION	WOOD
1	JAMB (FINGER JOINT PINE)	WOOD
2	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
15	PUBLIC ACCESS THRESHOLD	ALUM
16	OUTSWING THRESHOLD	ALUM/COMP
17	OUTSWING THRESHOLD	ALUM/COMP
18	OUTSWING THRESHOLD	ALUM/COMP
19	OUTSWING THRESHOLD	ALUM/COMP
22	#8 x 3/4" PFH WOOD SCREW	STEEL
23	#10 x 3/4" PFH WOOD SCREW	STEEL
24	#10 x 1" PFH WOOD SCREW	STEEL

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
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
28A	DEADBOLT SUB STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
32	INSWING THRESHOLD	ALUM/COMP
34	INTERIOR MULL CASING	WOOD
35	EXTERIOR MULL CASING	WOOD
38	INSWING THRESHOLD	ALUM/COMP
39	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL (BOOK)	-
41	DOOR PANEL (HYBRID)	-
42	DOOR PANEL (U1)	-
50	SIDELITE	-
75	SIDELITE SPACER (INSWING)	PVC
76	SIDELITE SPACER (OUTSWING)	PVC

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"
ELCO 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:
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P.E. No. 43409

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS

5

7/17/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

4

7/14/20

UPDATE TO 7th ED (2020)

FBC

LFS

3

10/08/18

REV. DOOR PANEL OPTION

NOTE

MT

2

12/03/17

RECESSED PANEL NOTATION

JK

JK

1

7/17/17

UPDATE TO 6TH ED. (2017)

FBC

JK

NO.

DATE

BY

REVISIONS

DATE: 4/28/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17540.8

SHEET 15 OF 15

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BUILDING CONSULTANTS, INC.
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