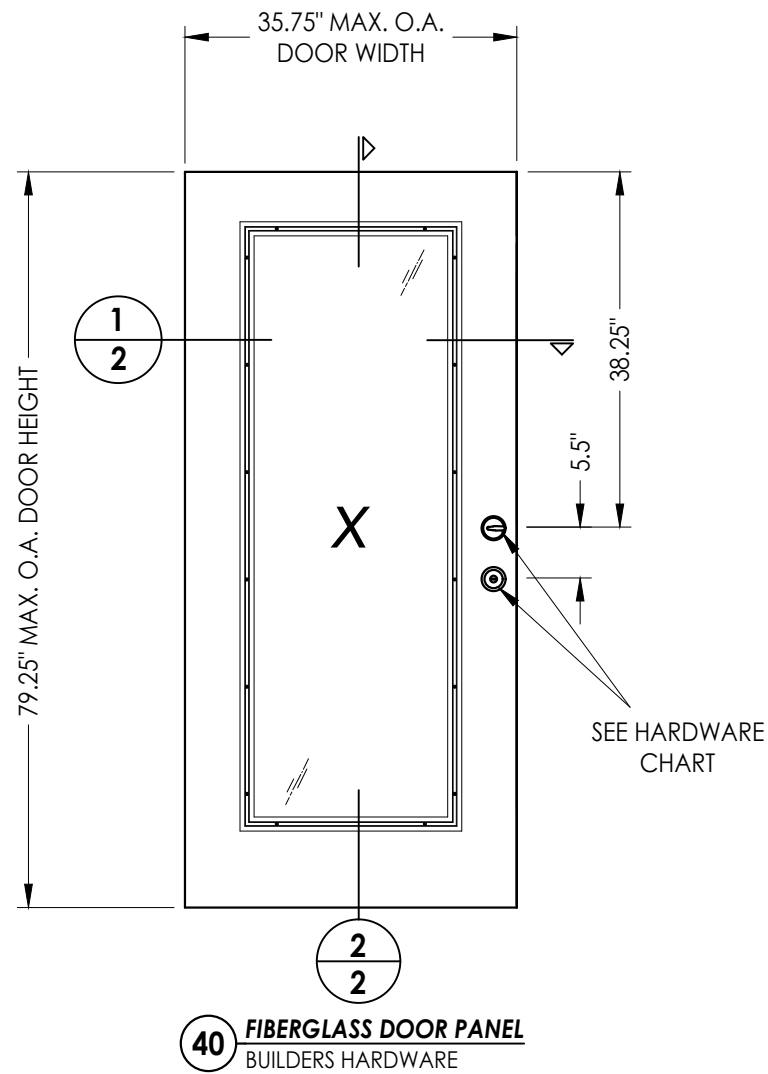
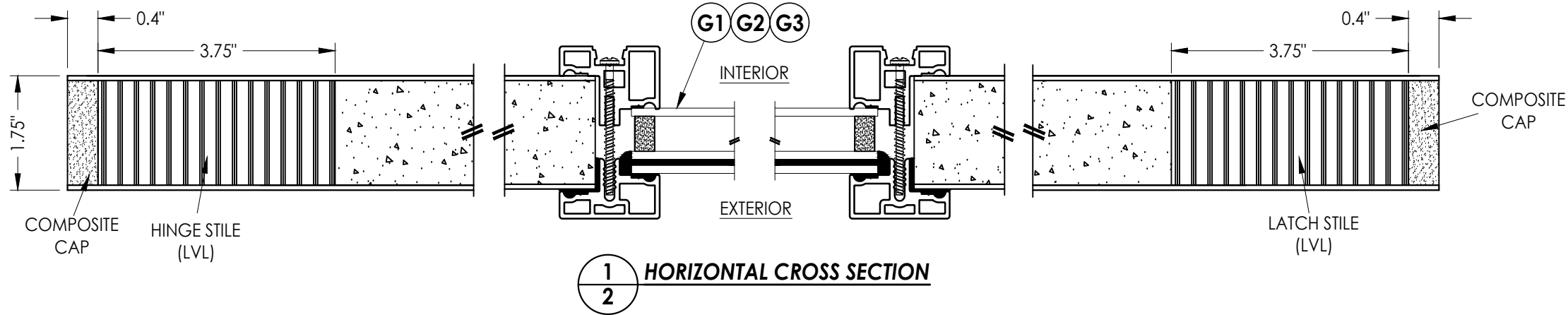
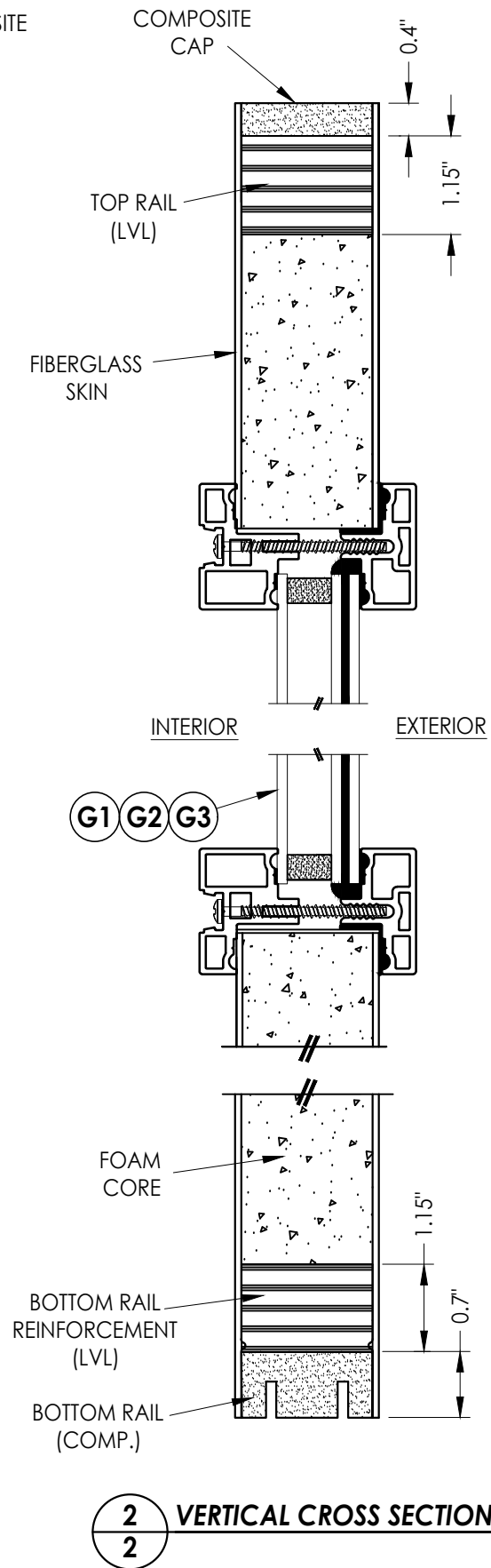


Z:\2023 FBC Drawings\Trimlite\FL-46830 R3\FL-46830.5.dwg



FIBERGLASS DOOR SKIN: MIN. 0.080" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	Knob:	F51
	DEADBOLT:	B60N
YALE	Knob:	YE SERIES
	DEADBOLT:	YE SERIES



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: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR
PANEL DETAILS

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

DATE: 4/02/25

SCALE: N.T.S.

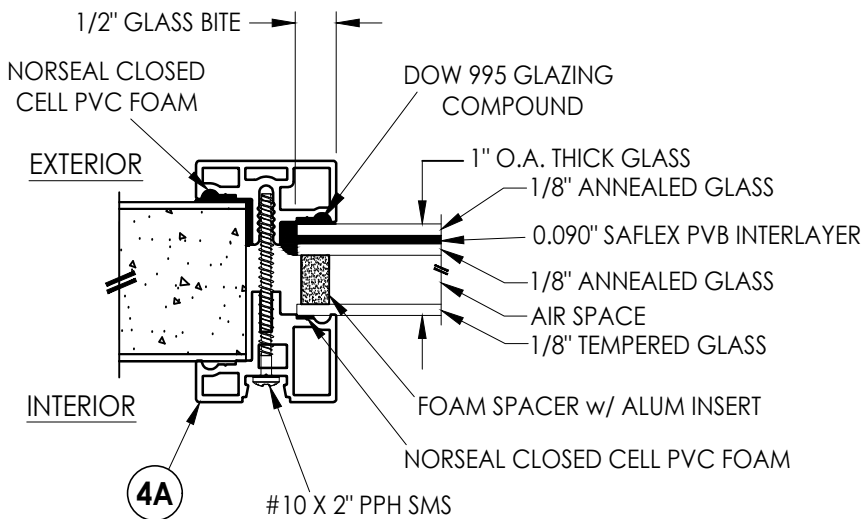
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CHK. BY: RW

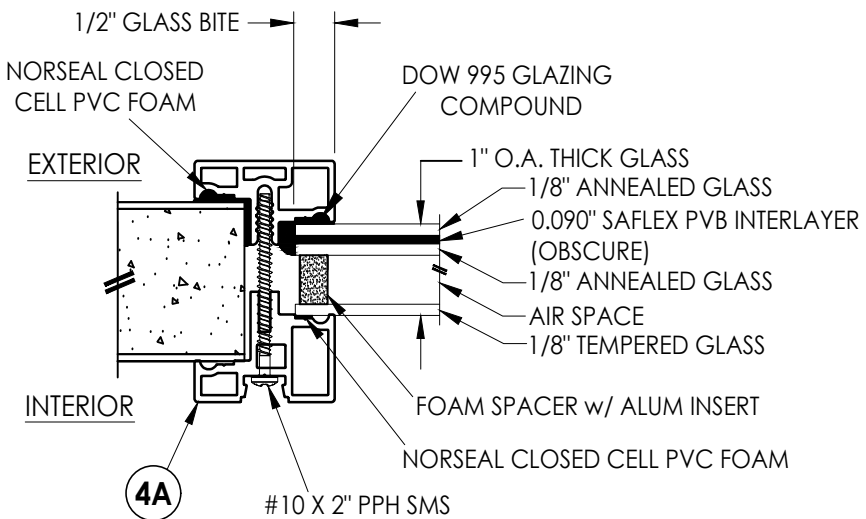
DRAWING NO.: FL-46830.5

SHEET 2 OF 13

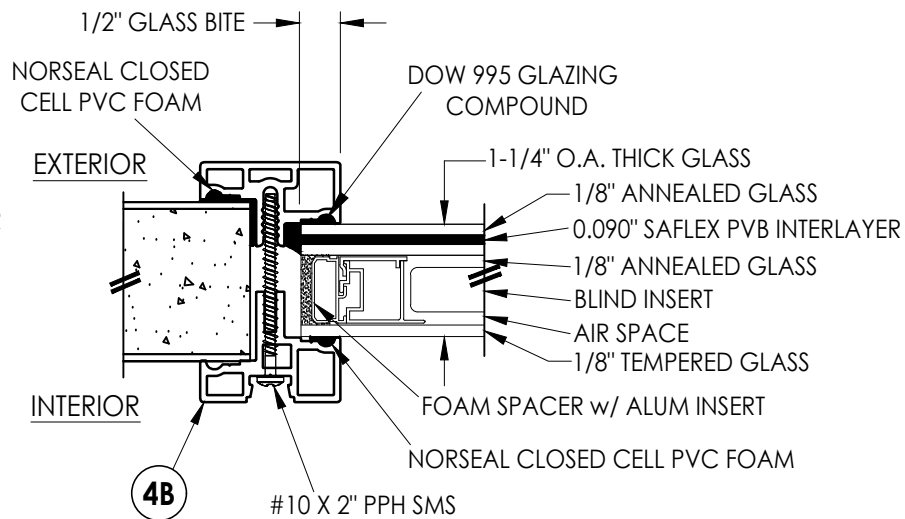
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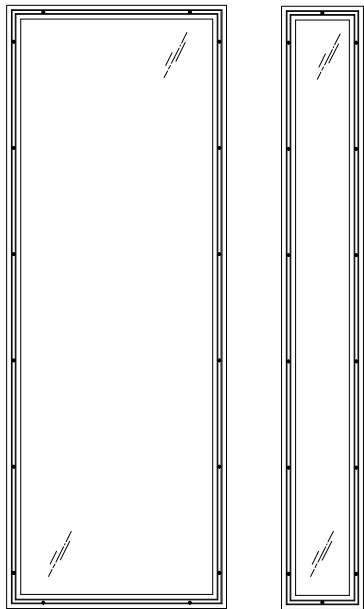
G1 GLAZING DETAIL
CLEAR GLASS



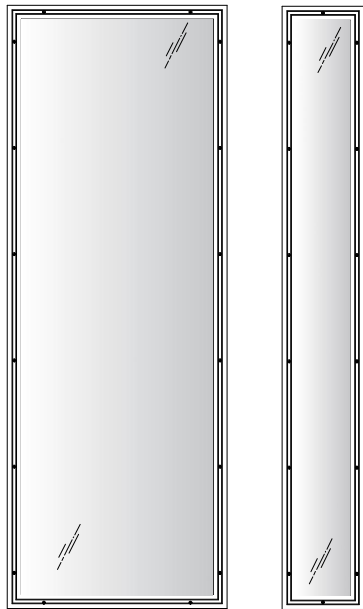
G2 GLAZING DETAIL
OBSCURE GLASS



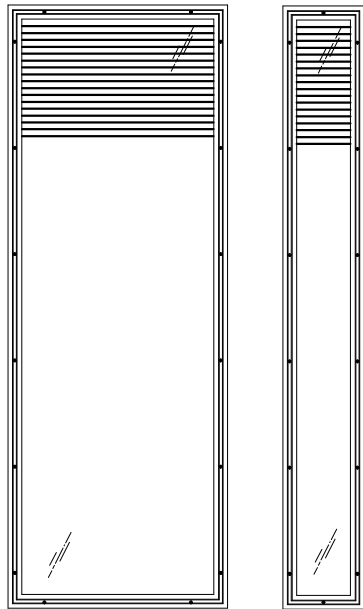
G3 GLAZING DETAIL
BLINDS BETWEEN GLASS



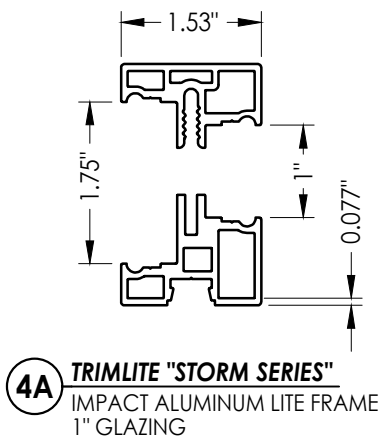
G1 GLAZING DETAIL
CLEAR GLASS



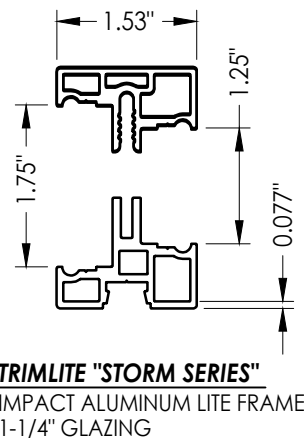
G2 GLAZING DETAIL
OBSCURE GLASS



G3 GLAZING DETAIL
BLINDS BETWEEN GLASS



4A TRIMLITE "STORM SERIES"
IMPACT ALUMINUM LITE FRAME
1" GLAZING



4B TRIMLITE "STORM SERIES"
IMPACT ALUMINUM LITE FRAME
1-1/4" GLAZING

Documents Prepared By:
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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:
TRIMLITE
FIBERGLASS DOORS

PART OR ASSEMBLY:
LITE FRAME
& GLAZING DETAILS

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

DATE: 6/18/24

SCALE: N.T.S.

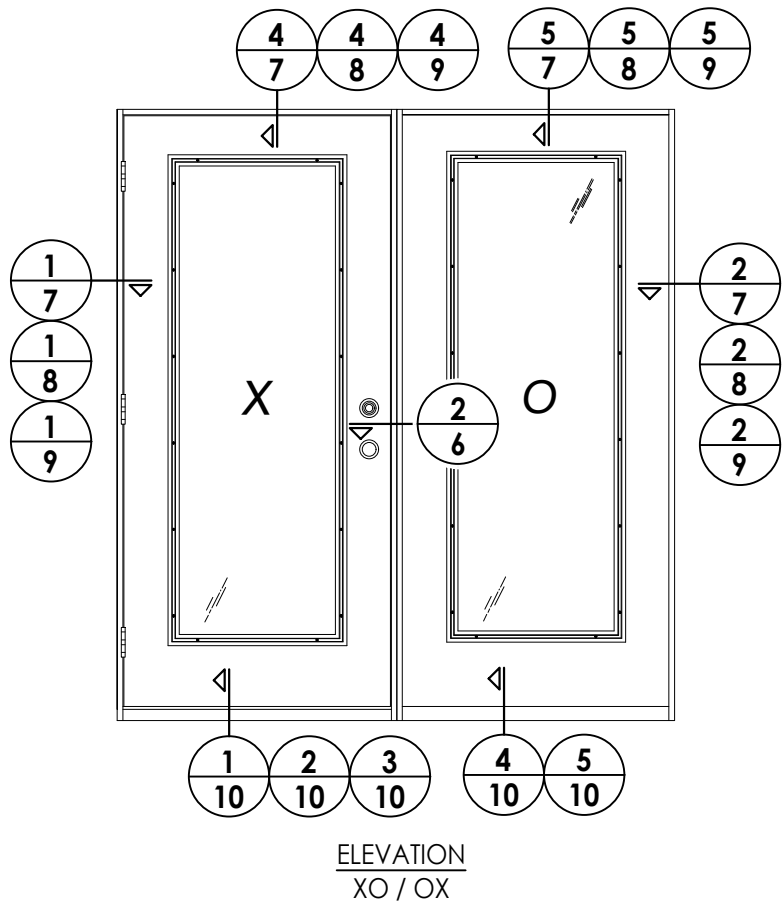
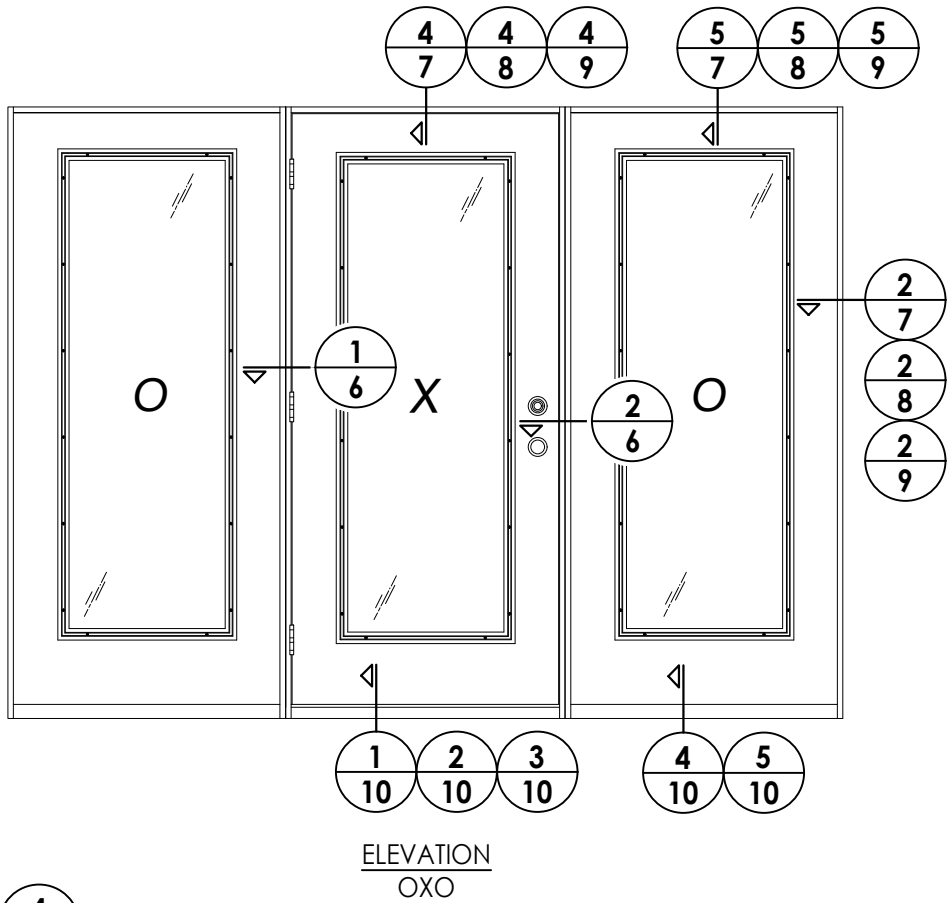
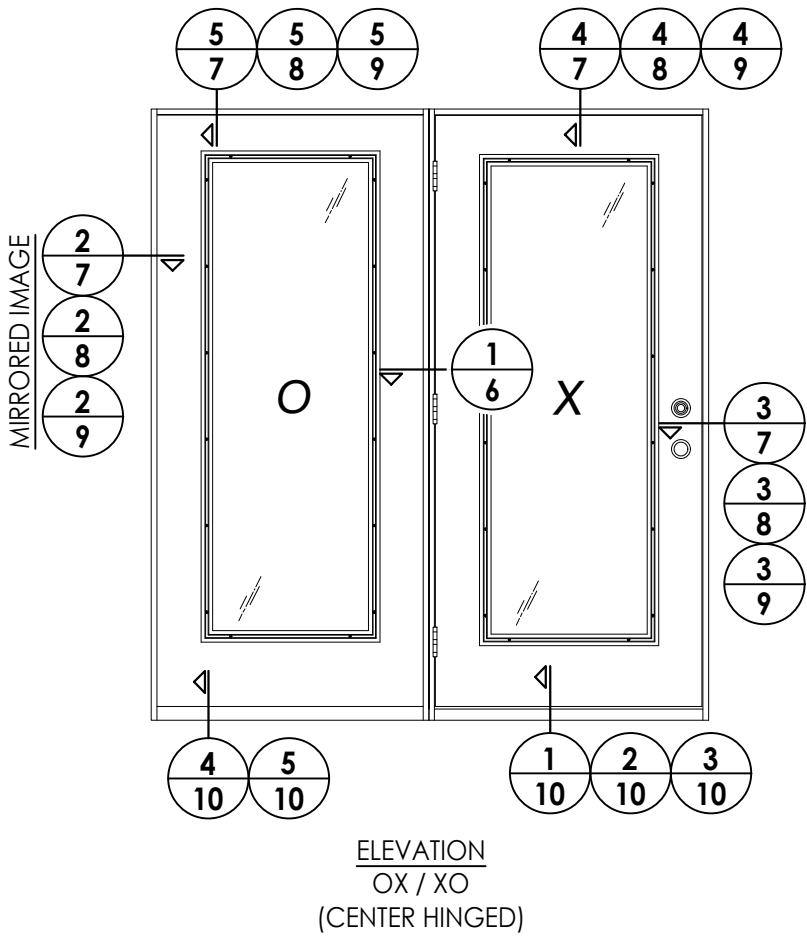
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-46830.5

SHEET 4 OF 13

Z:\2023 FBC Drawings\Trimlite\FL-46830 R3\FL-46830.5.dwg



DATE: 4/02/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46830.5
SHEET 5 OF 13

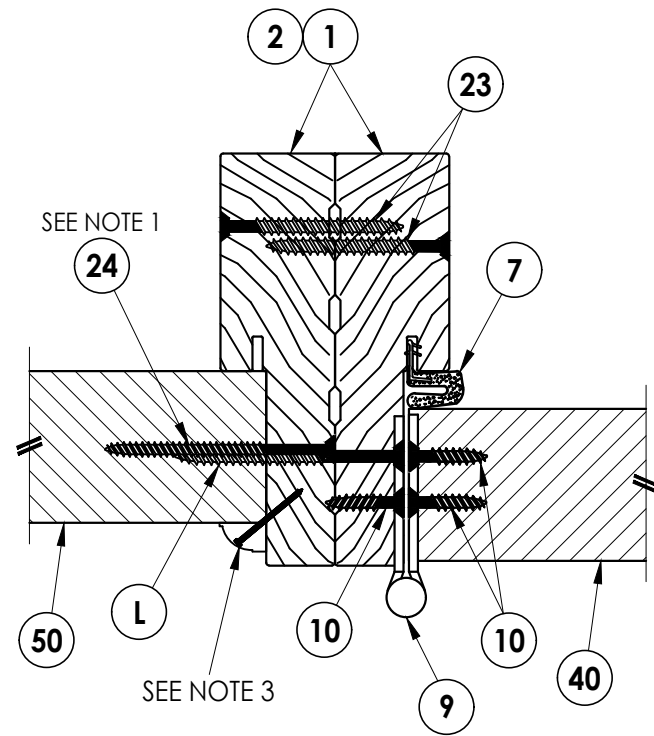
NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

PRODUCT: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

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

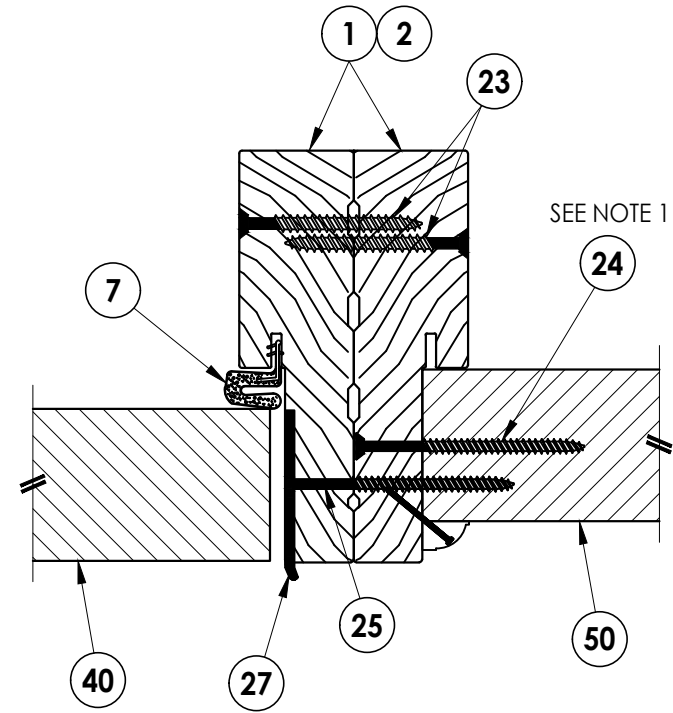
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



1 6 **HORIZONTAL CROSS SECTION** Outswing Shown (Inswing Similar)

INTERIOR

EXTERIOR



2 **HORIZONTAL CROSS SECTION**
6 Outswing Shown (Inswing Similar)

Notes:

1. Sidelite assembly screws located 6" from each end and 6 more screws equally spaced between (8 screws total per side jamb).
2. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 333
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
NO.	DATE	BY			
					REVISIONS

DATE: 4/02/25

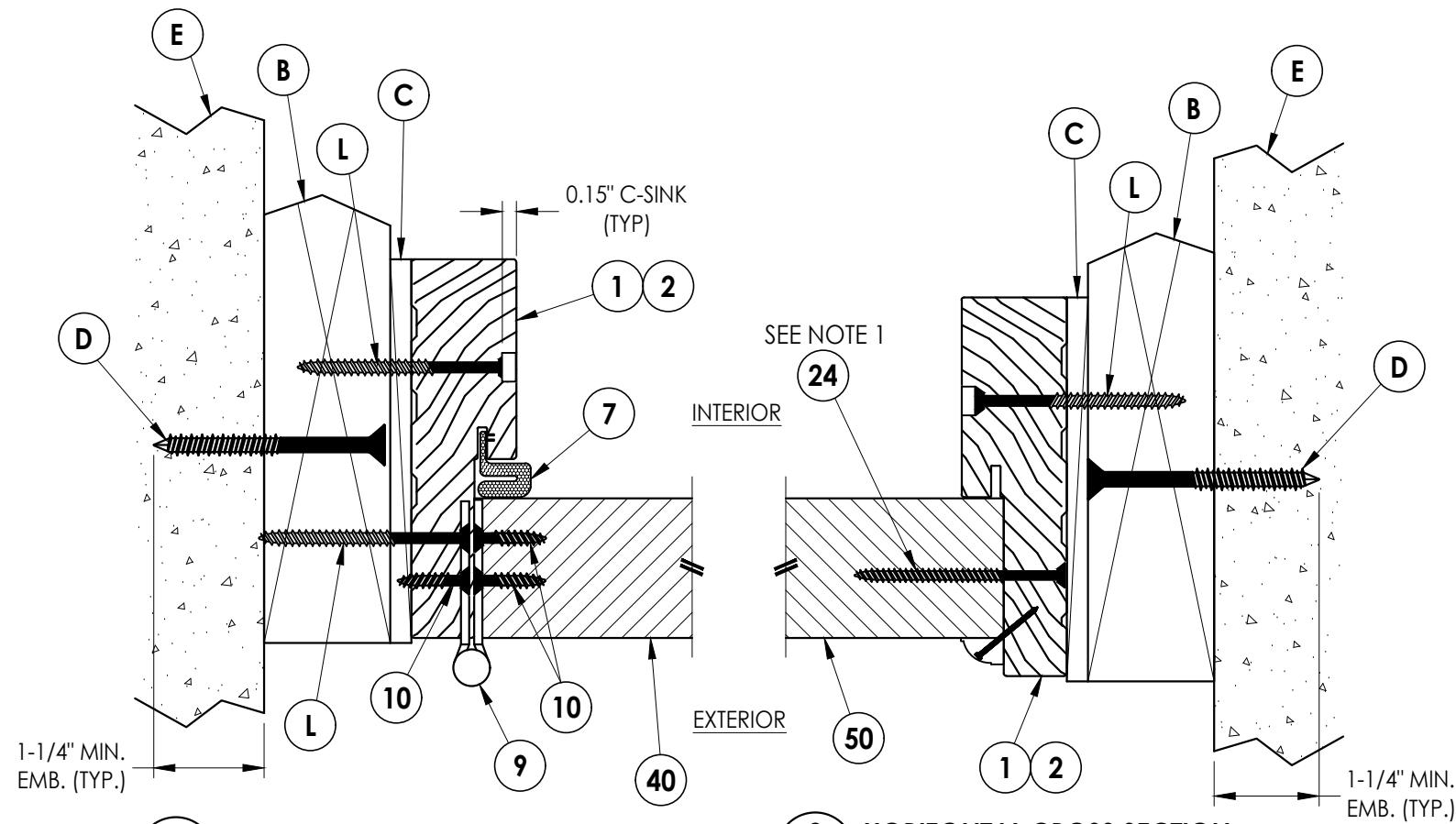
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CHK. BY: *RW*

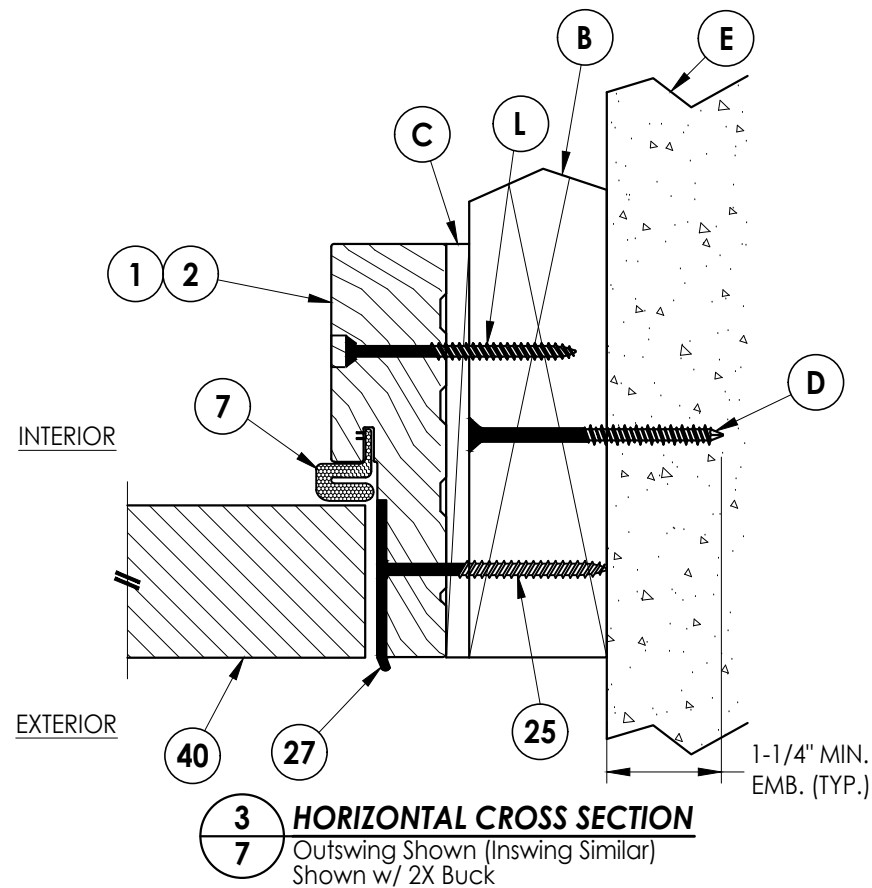
DRAWING NO.:

FL-46830.5



1 **HORIZONTAL CROSS SECTION**
7 Outswing Shown (Inswing Similar)
 Shown w/ 2X Buck

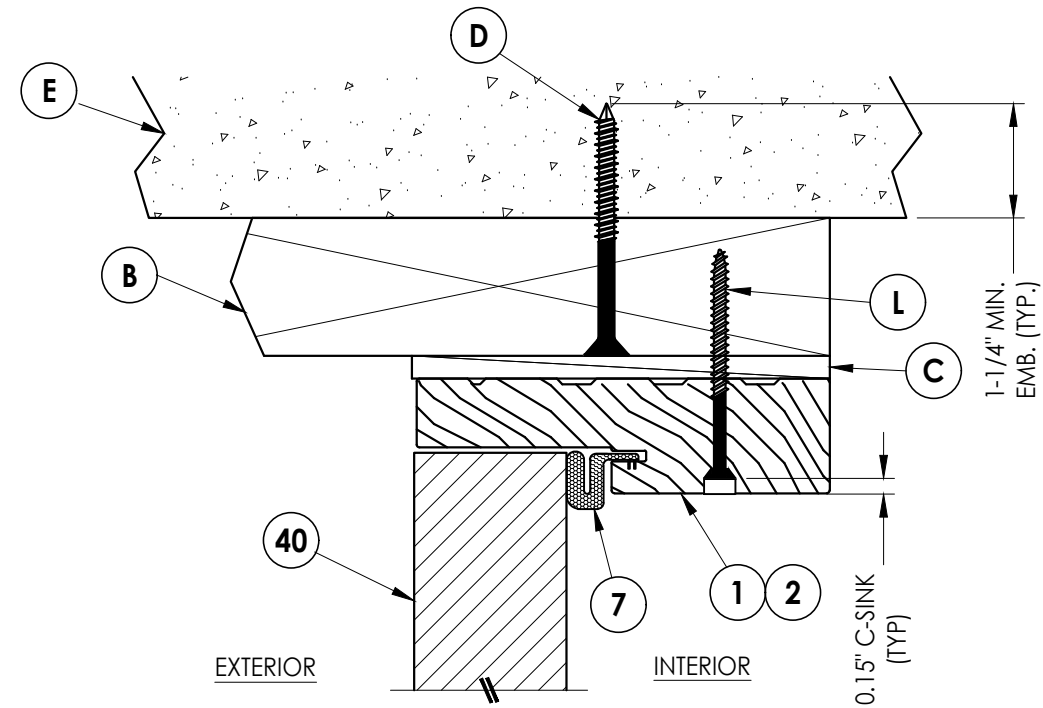
2 **HORIZONTAL CROSS SECTION**
7 Outswing Shown (Inswing Similar)
 Shown w/ 2X Buck



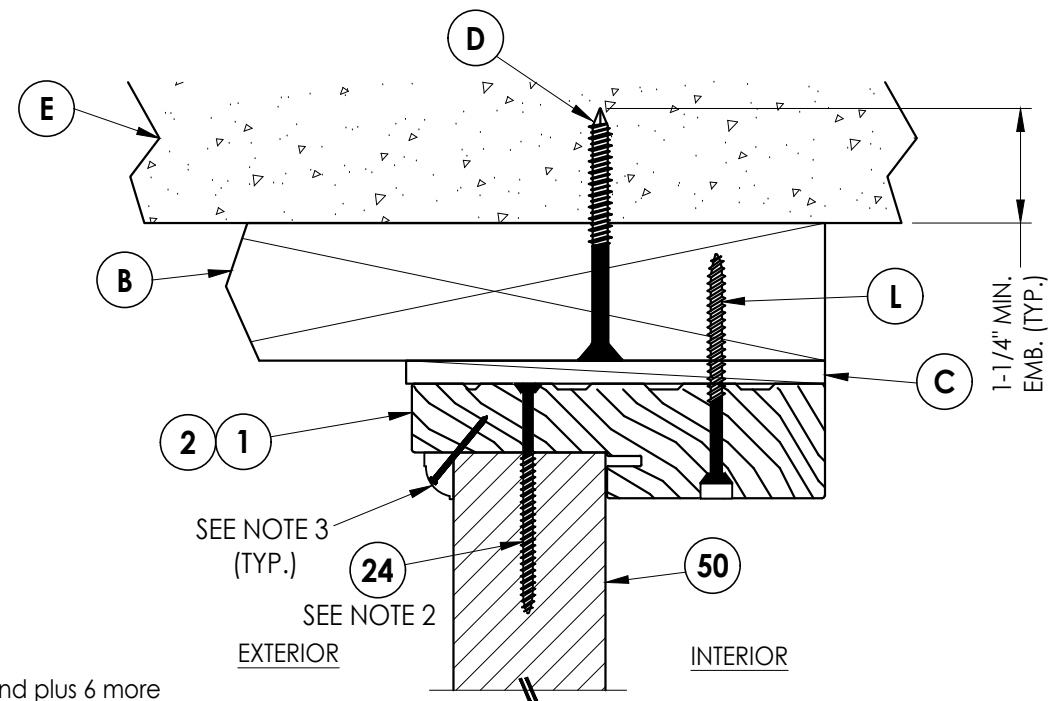
3 **HORIZONTAL CROSS SECTION**
7 Outswing Shown (Inswing Similar)
 Shown w/ 2X Buck

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end plus 2 more screws equally spaced between (4 screws total along head).
3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.



4 **VERTICAL CROSS SECTION**
7 Outswing Shown (Inswing Similar)
 Shown w/ 2X Buck



5 **VERTICAL CROSS SECTION**
7 Outswing Shown (Inswing Similar)
 Shown w/ 2X Buck

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: TRIMLITE
 FIBERGLASS DOOR

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

NO.	DATE	REVISIONS	BY
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS

DATE: 4/02/25

SCALE: N.T.S.

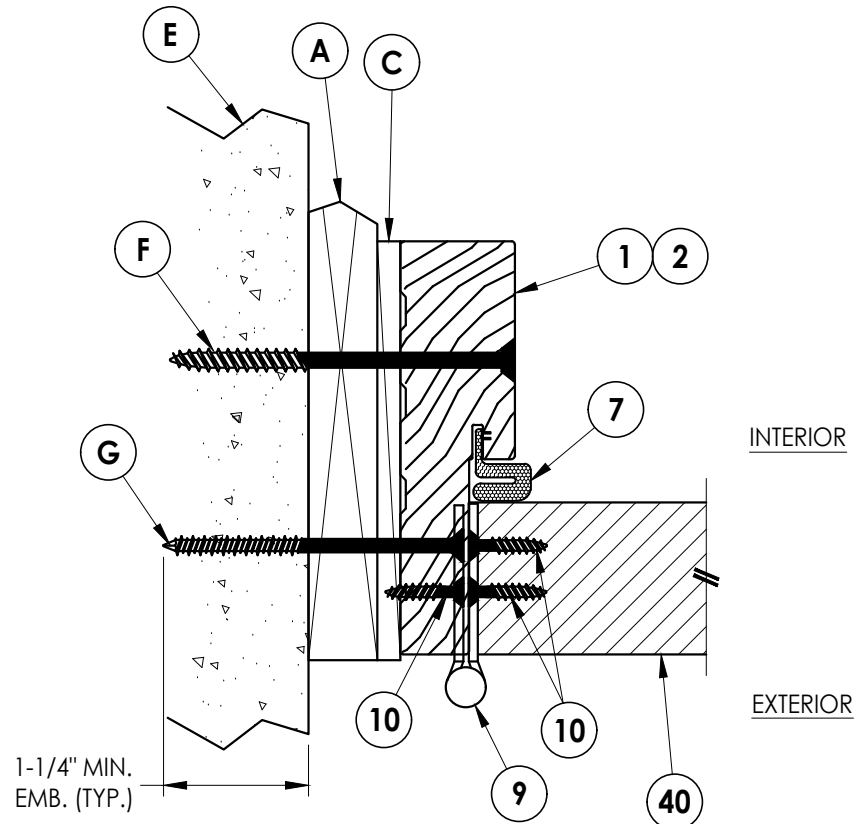
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CHK. BY: RW

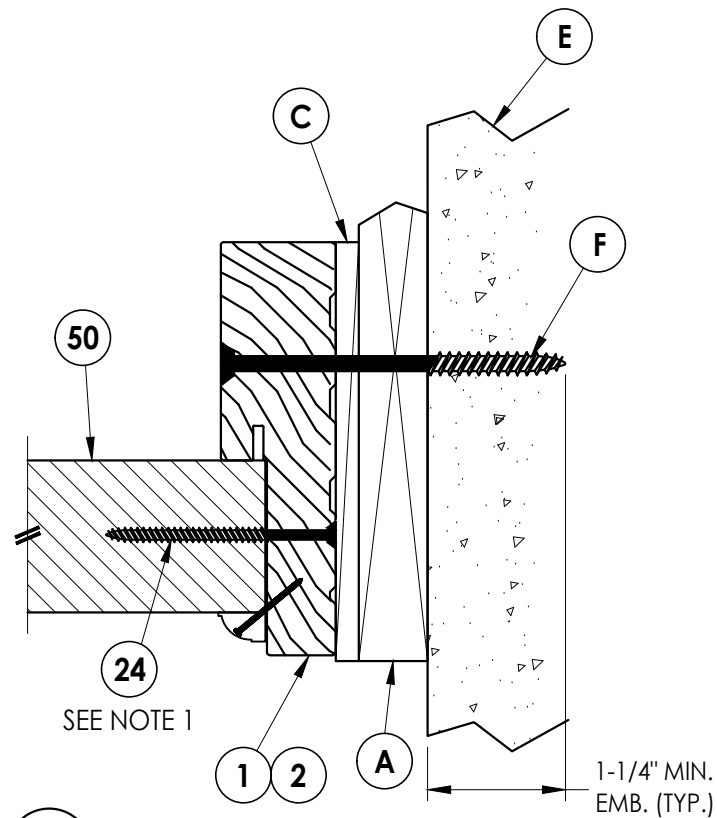
DRAWING NO.:
 FL-46830.5

SHEET 7 OF 13

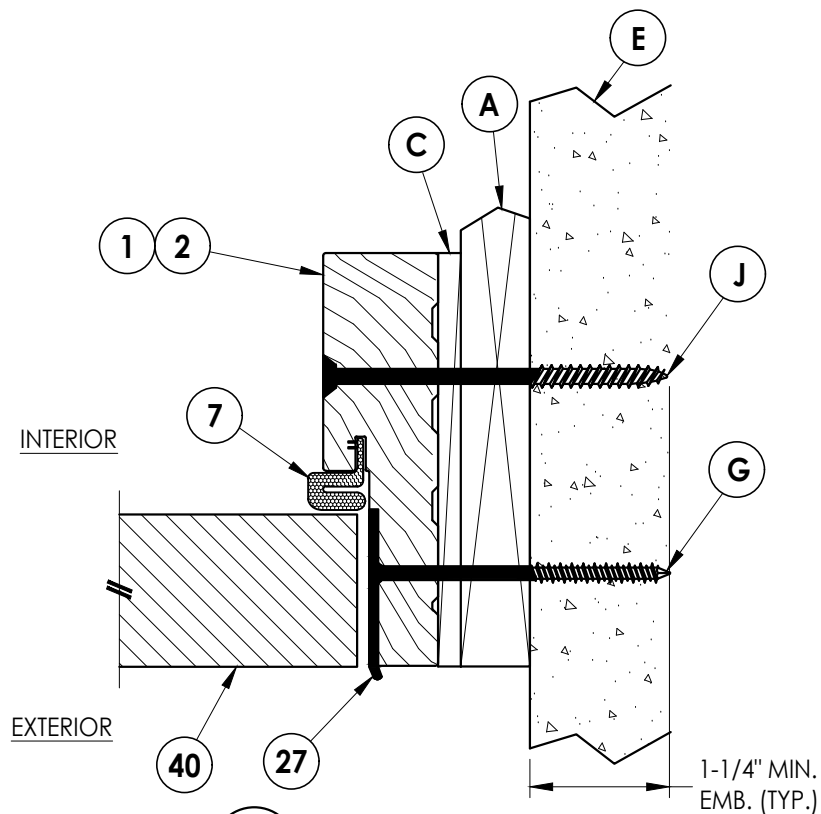
Z:\2023 FBC Drawings\Trimlite\FL-46830 R3\FL-46830.5.dwg



1
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



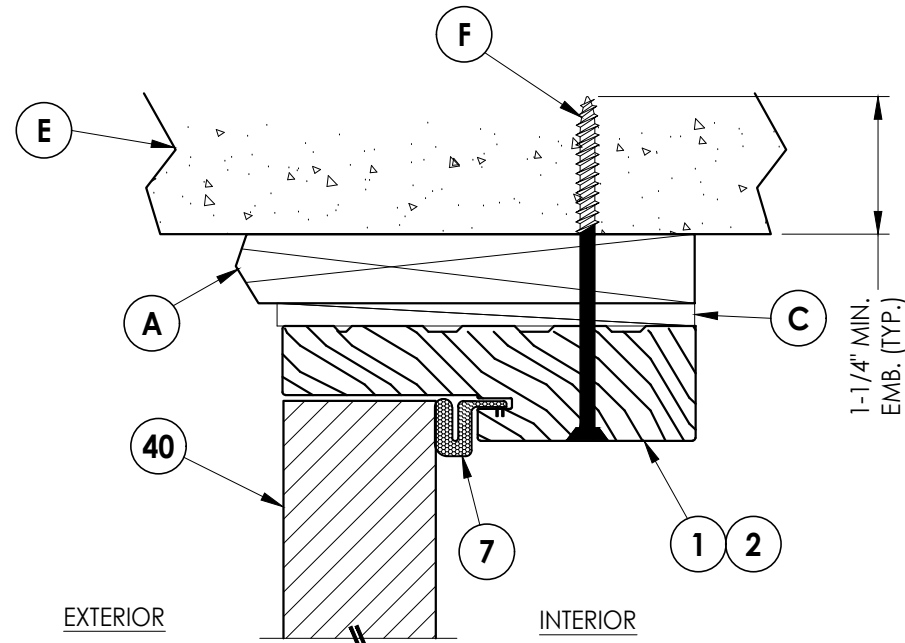
2
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



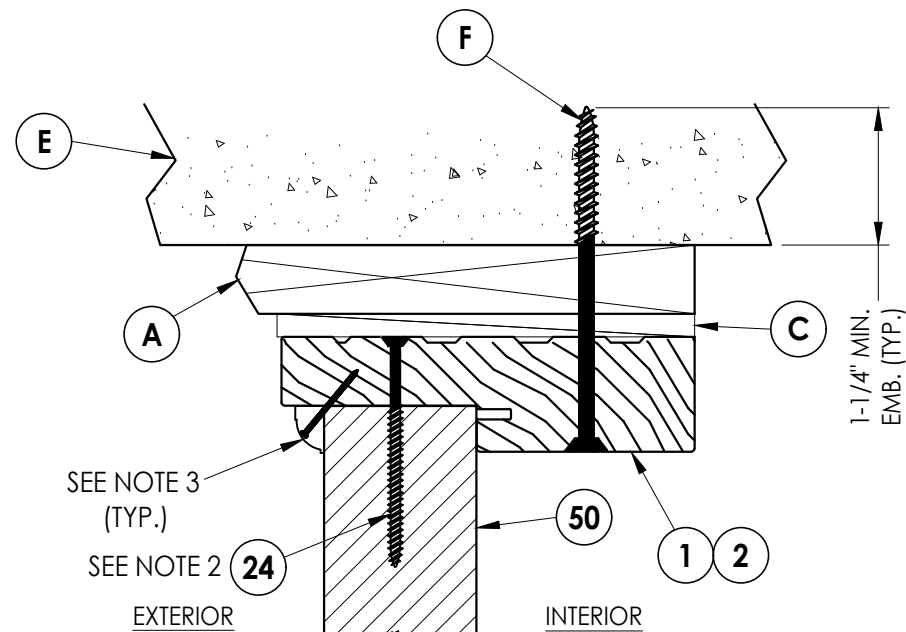
3
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end plus 2 more screws equally spaced between (4 screws total along head).
3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.



4
8 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



5
8 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck

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

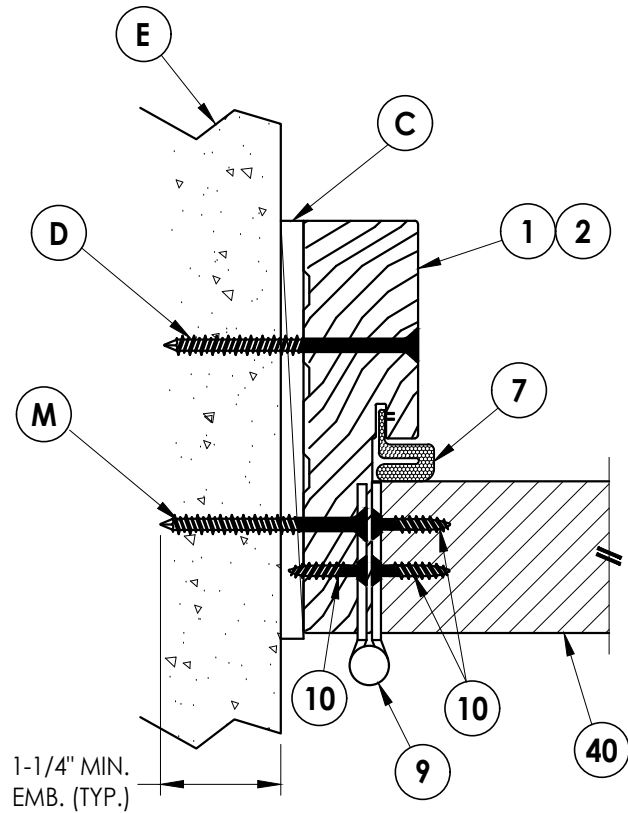
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	TRIMLITE FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)

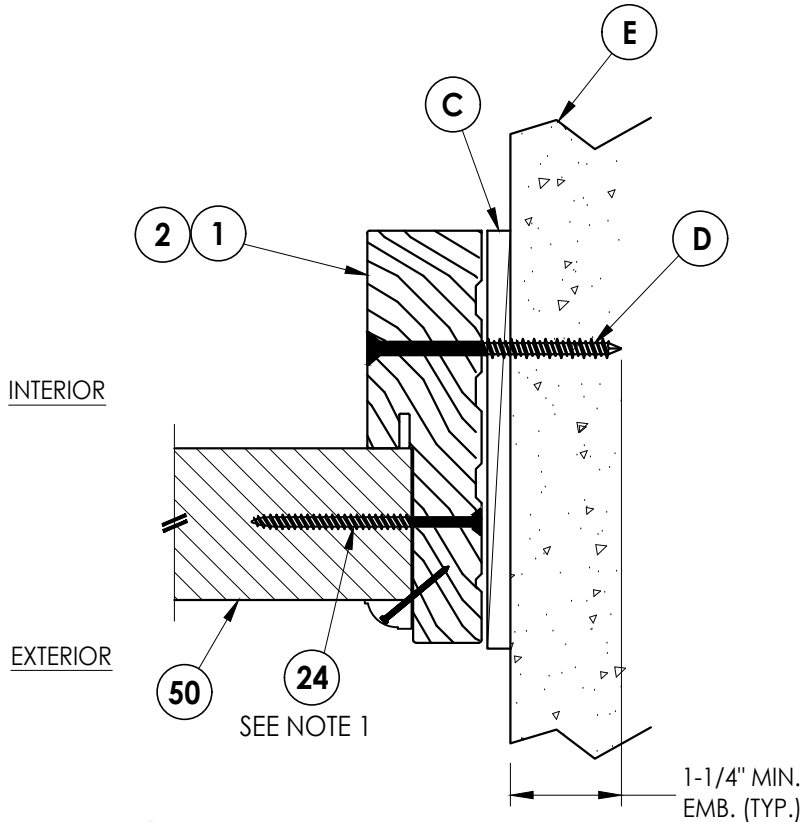
NO.	DATE	REVISIONS	LFS	BY
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC		

DATE:	4/02/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46830.5
SHEET	8 OF 13

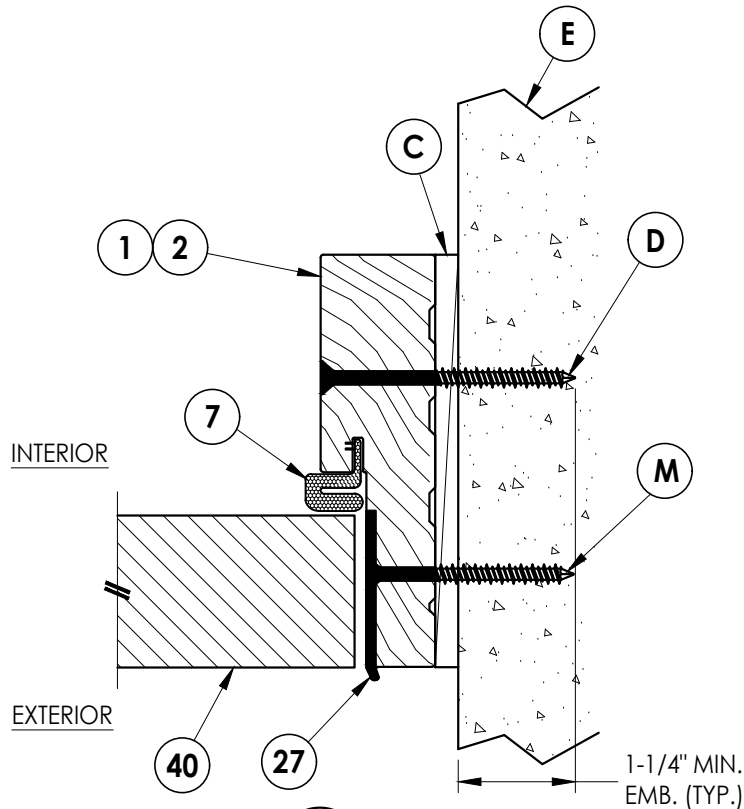
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1
9 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



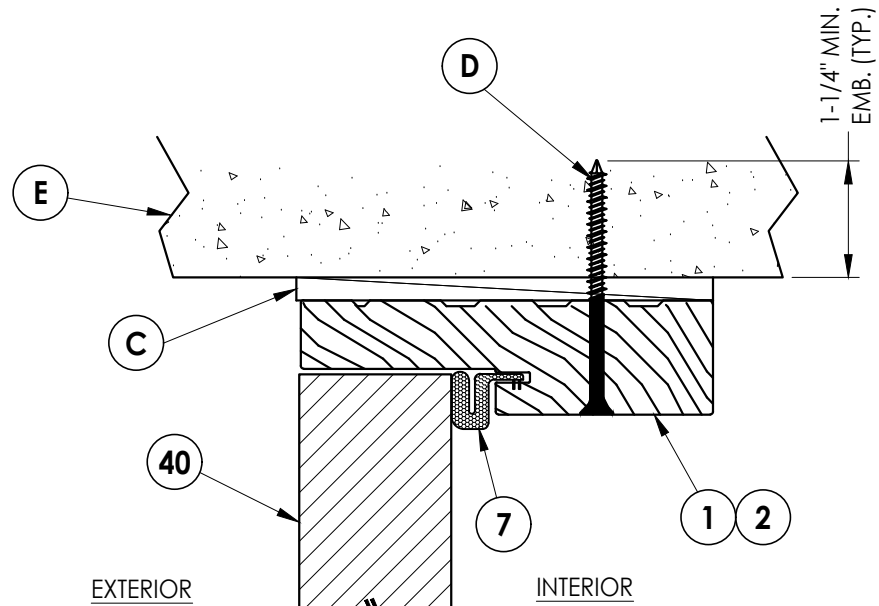
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9 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



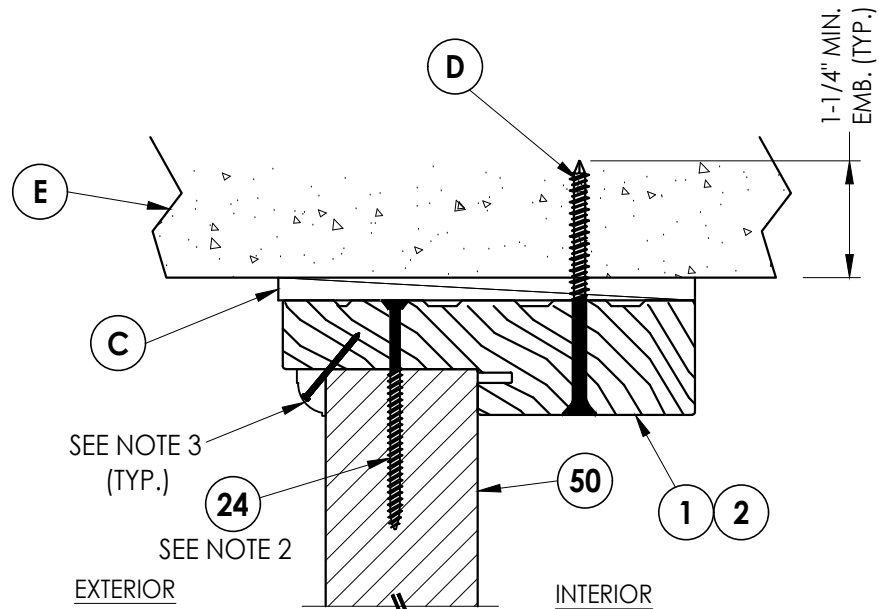
3
9 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end plus 2 more screws equally spaced between (4 screws total along head).
3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.



4
9 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



5
9 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry

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: TRIMLITE
FIBERGLASS DOOR

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

REVISIONS		DATE	BY
1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
NO.	DATE		

DATE: 4/02/25

SCALE: N.T.S.

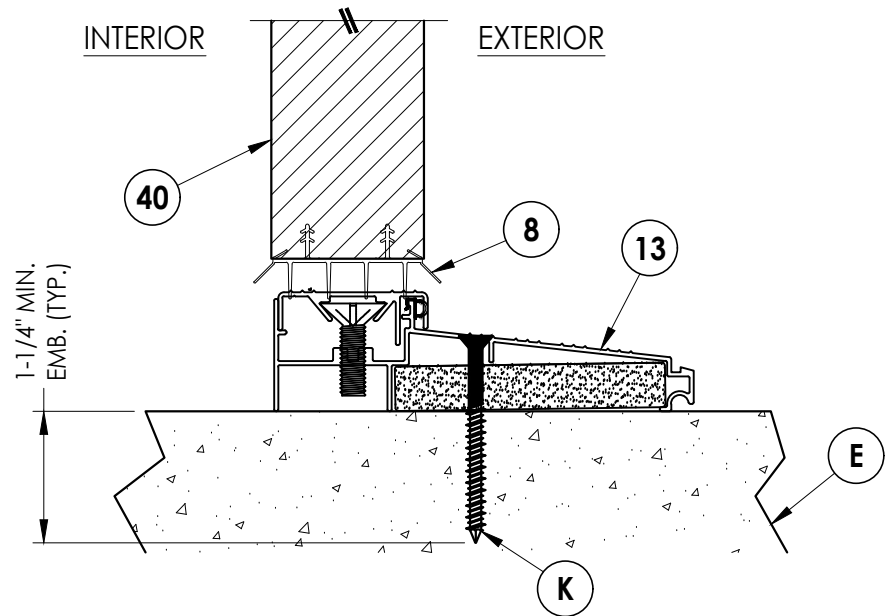
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CHK. BY: RW

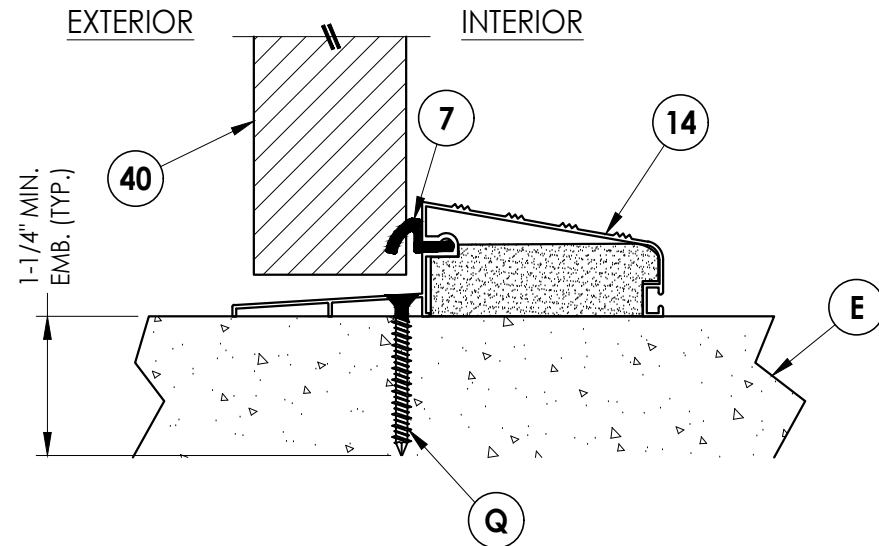
DRAWING NO.: FL-46830.5

SHEET 9 OF 13

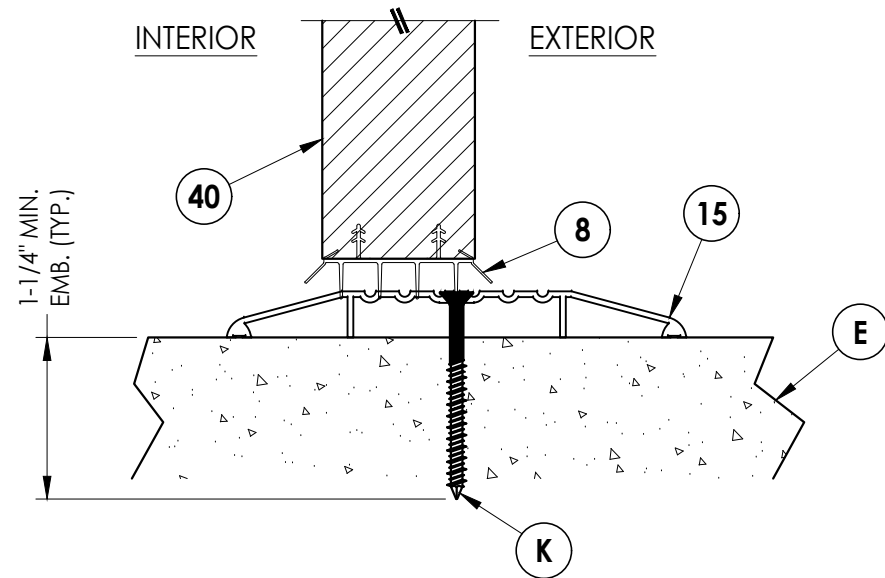
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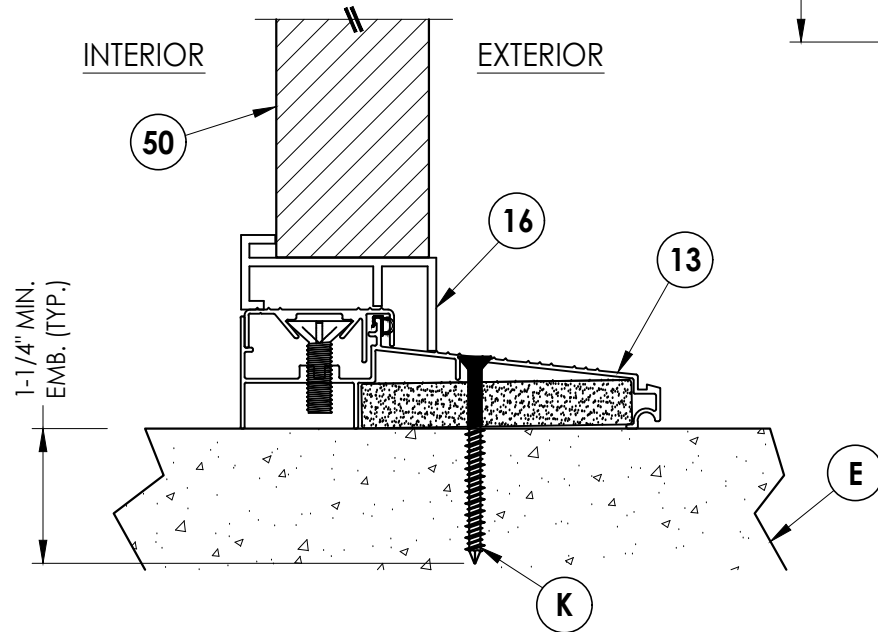
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10 **VERTICAL CROSS SECTION**
Inswing Threshold



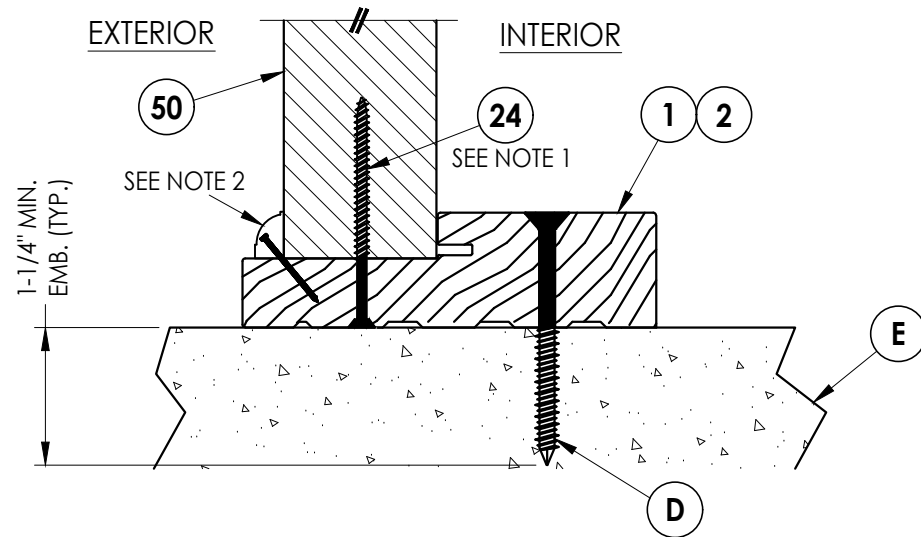
2
10 **VERTICAL CROSS SECTION**
Outswing Threshold



3
10 **VERTICAL CROSS SECTION**
ADA Threshold



4
10 **VERTICAL CROSS SECTION**
Inswing Threshold



5
10 **VERTICAL CROSS SECTION**
Outswing Threshold

Notes:

1. Sidelite assembly screws located 4" from each end plus 2 more screws equally spaced between (4 screws total along sill).
2. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

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: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS	
		BY	LFS
1	7/01/26	DATE	FBC
UPDATE TO 9TH ED. (2026)			

DATE: 4/02/25

SCALE: N.T.S.

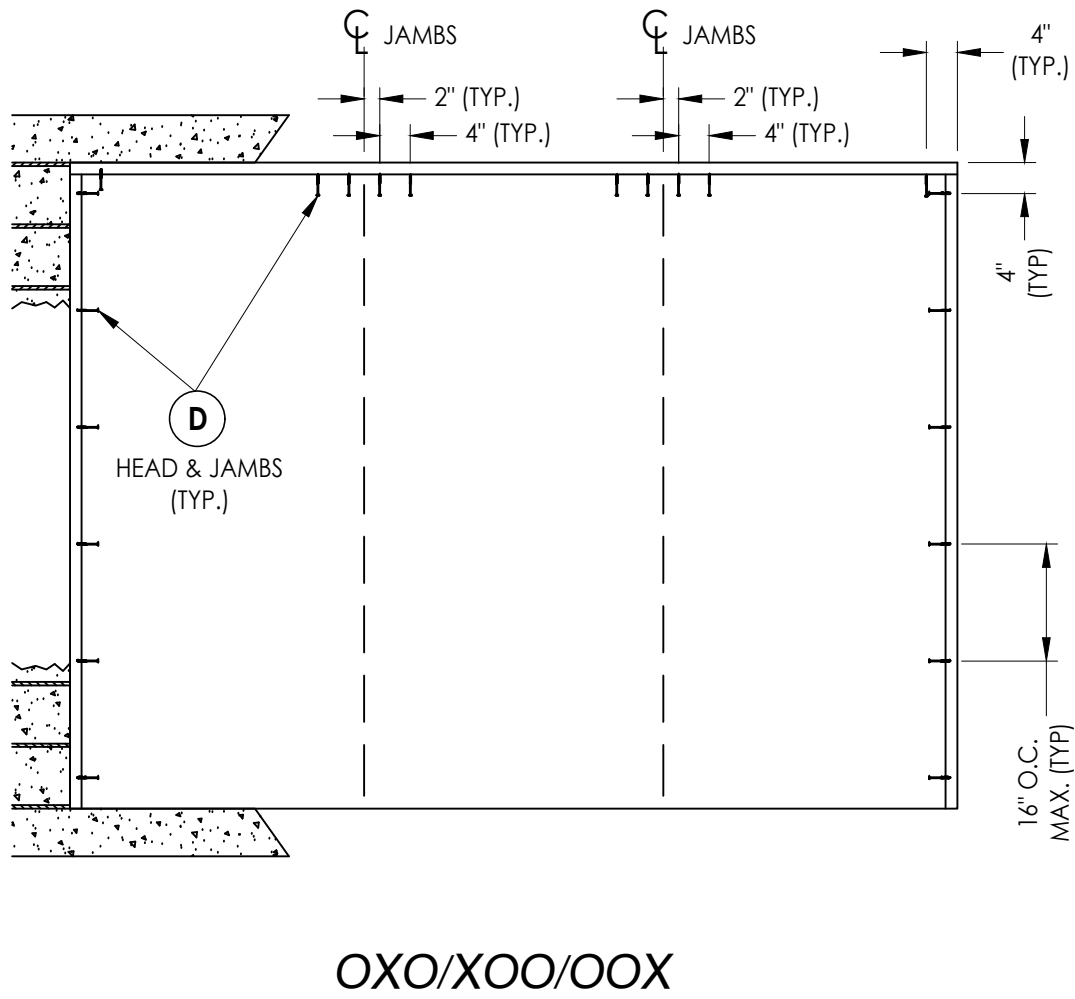
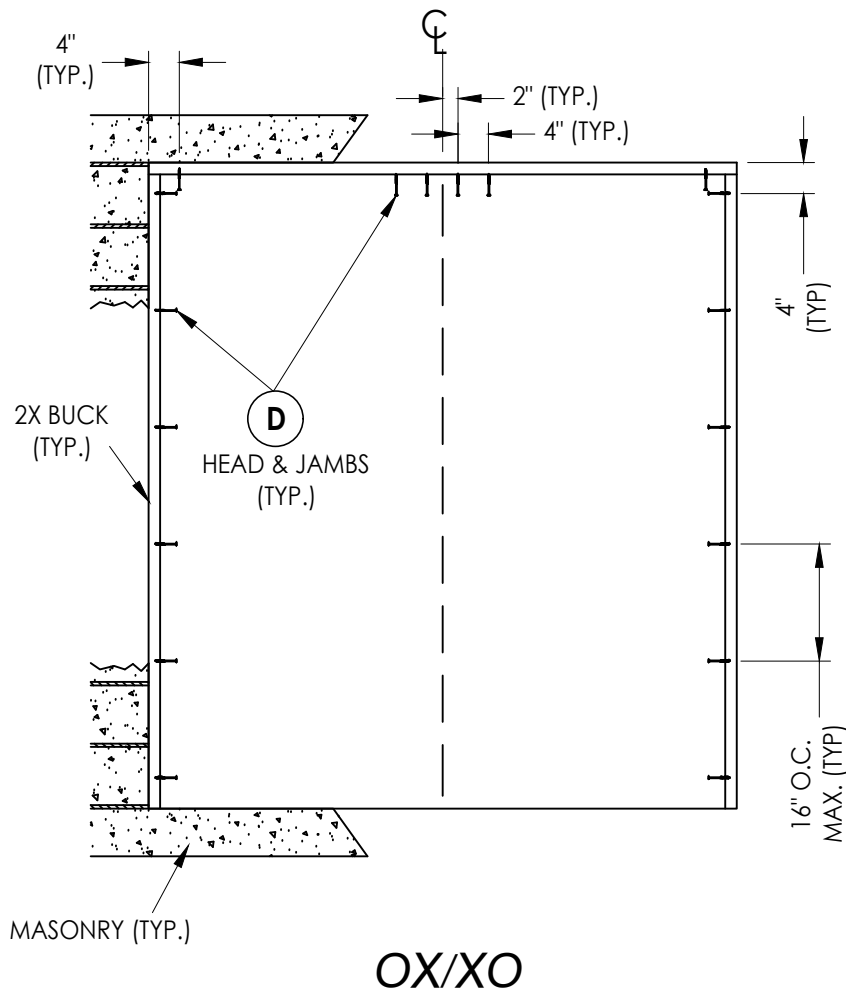
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46830.5

SHEET 10 OF 13



2X BUCK ANCHORING

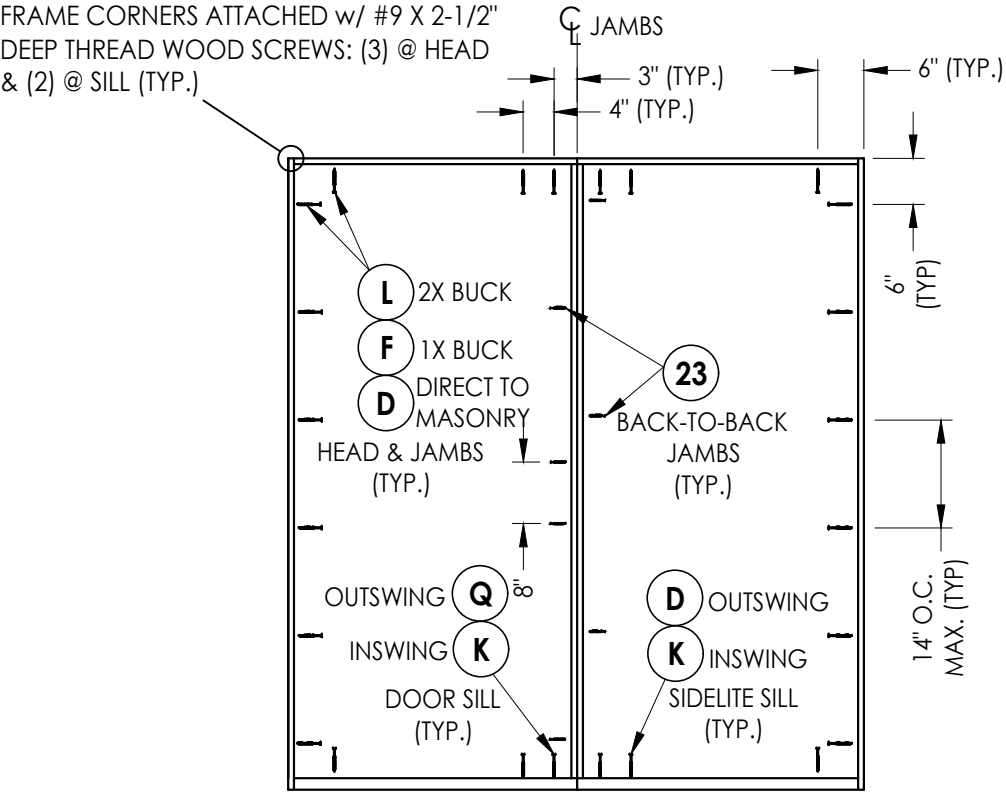
1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
NO.	DATE			BY	
					REVISIONS

DATE:	4/02/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46830.5
SHEET	<u>11</u> OF <u>13</u>

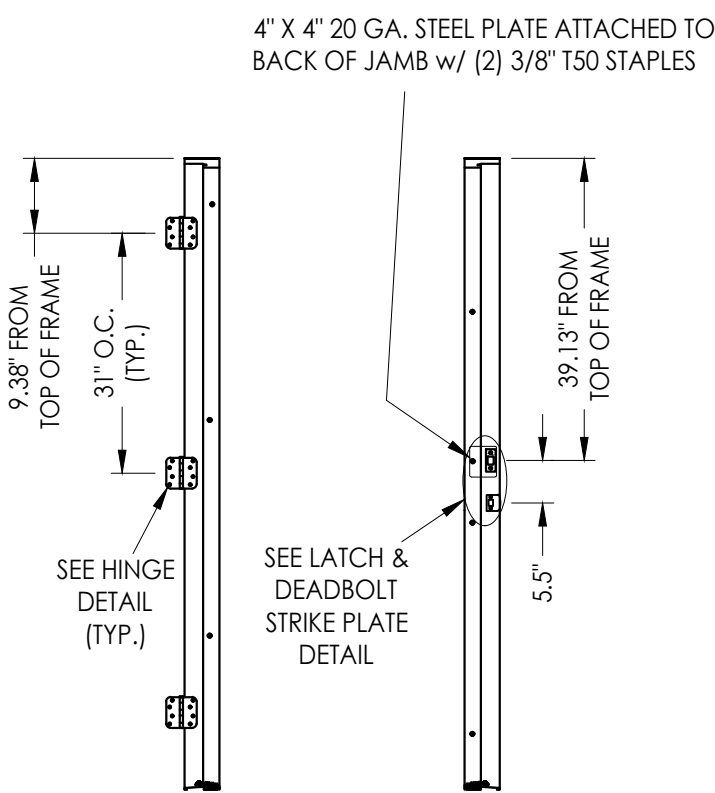
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

Z:\2023 FBC Drawings\Trimlite\FL-46830 R3\FL-46830.5.dwg

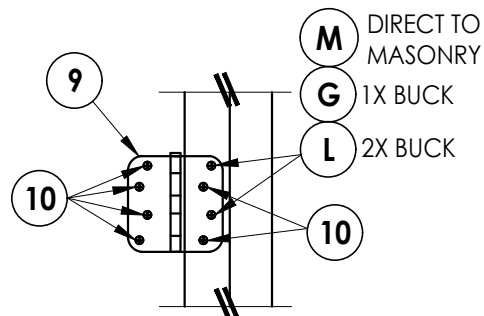


XO/OX

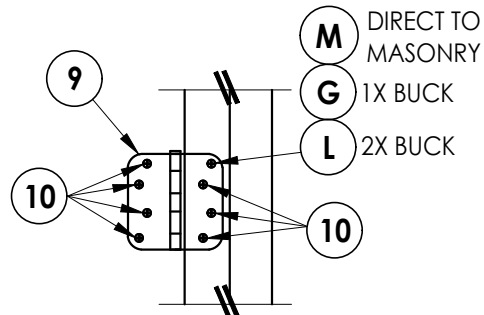


HINGE JAMB

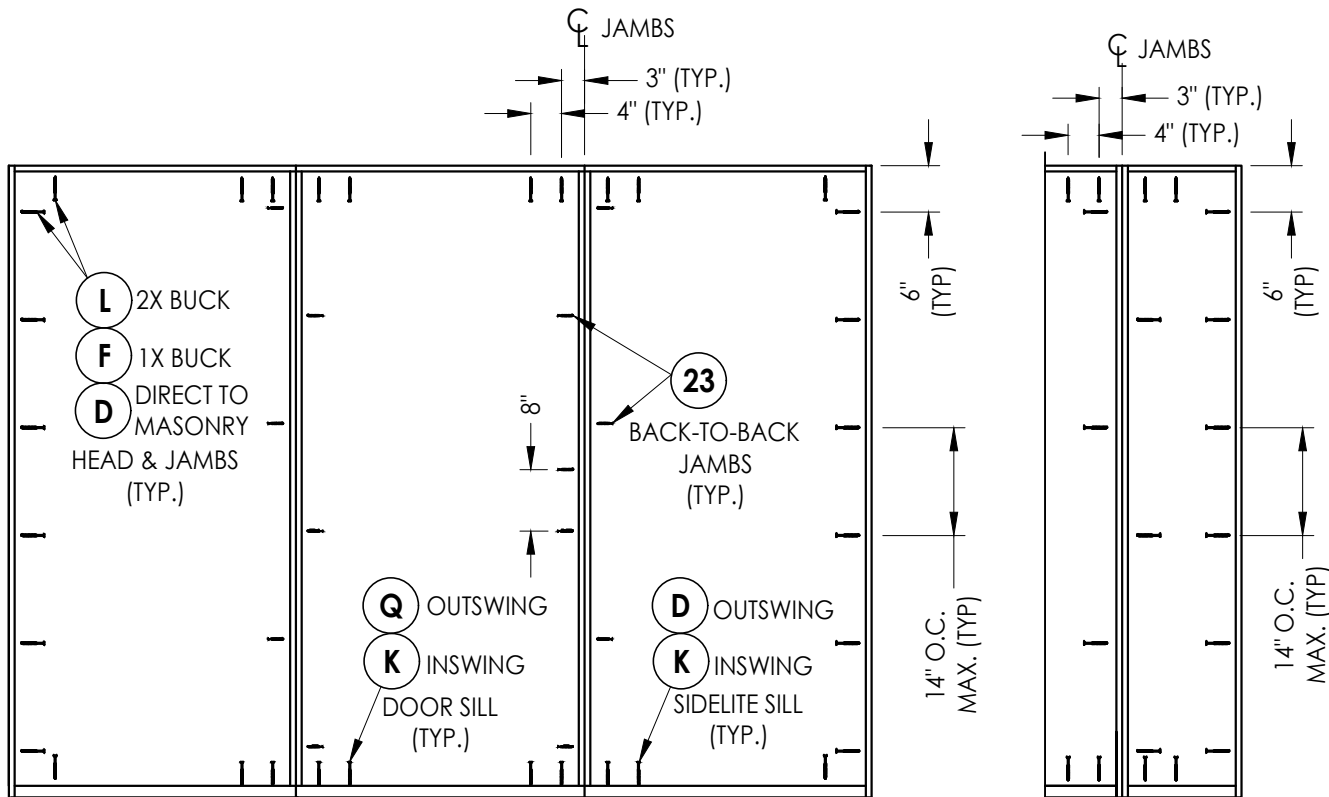
STRIKE JAMB



HINGE DETAIL
INSWING



HINGE DETAIL
OUTSWING

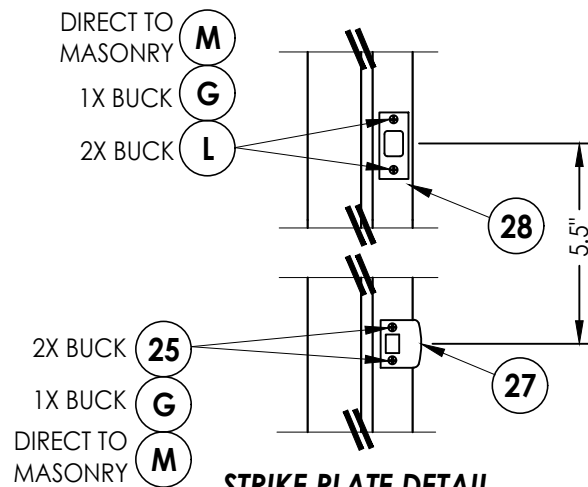


OXO

FRAME ANCHORING

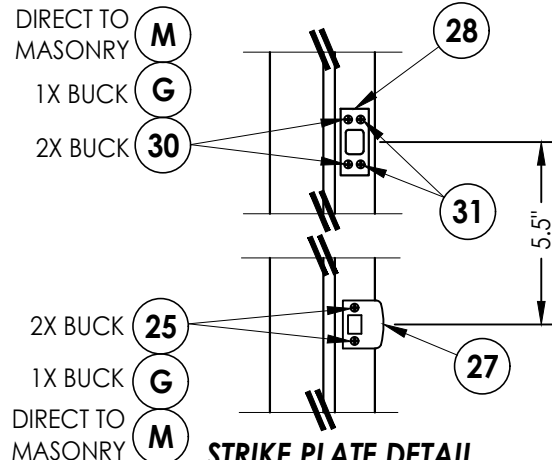
ALL ANCHORS SAME AS OXO

Shown w/ 14" Sidelite



STRIKE PLATE DETAIL

SCHLAGE/YALE LOCKSETS



STRIKE PLATE DETAIL

KWIKSET LOCKSET

LATCH & DEADBOLT STRIKE PLATE DETAILS

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

PRODUCT: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

DATE: 4/02/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46830.5

SHEET 12 OF 13

Z:\2023 FBC Drawings\Trimlite\FL-46830 R3\FL-46830.5.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" PFH 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" PFH ITW CONCRETE SCREW	STEEL
Q	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	WOOD JAMB (FINGER JOINTED PINE)	WOOD
2	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
15	ADA THRESHOLD	ALUM
16	INSWING SIDELITE ADAPTER	PVC
23	#8 X 2" FH SMS	STEEL
24	#8 X 2-1/2" PFH DEEP THREAD WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
31	#8 X 1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

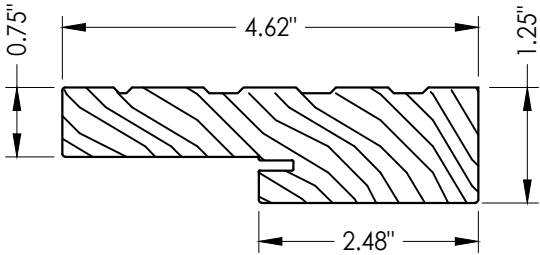
CONCRETE ANCHOR NOTES:

- 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:

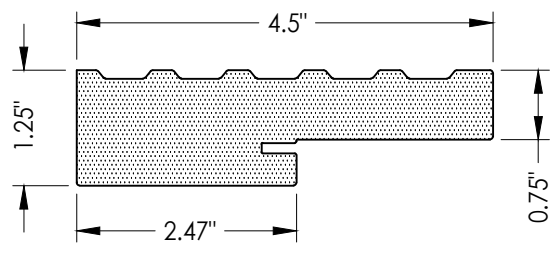
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

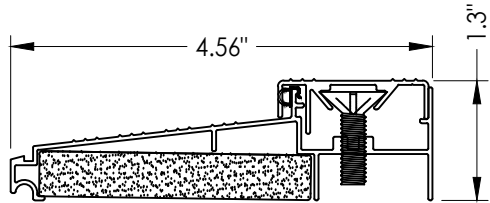
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



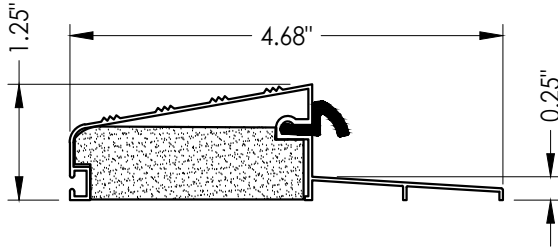
1 WOOD JAMB
FINGER JOINTED PINE



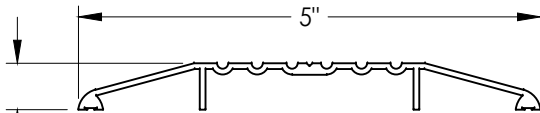
2 COMPOSITE JAMB
WORLDWIDE 4EVER



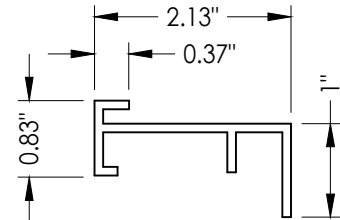
13 INSWING THRESHOLD
DLP



14 OUTSWING THRESHOLD
DLP



15 ADA THRESHOLD
DLP



16 INSWING SIDELITE ADAPTER

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

PRODUCT: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	DESCRIPTION
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC

REVISIONS

DATE: 4/02/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46830.5

SHEET 13 OF 13