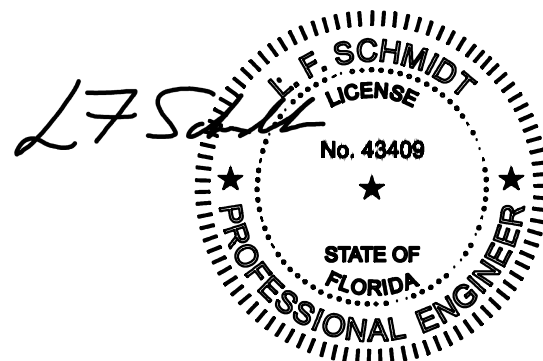
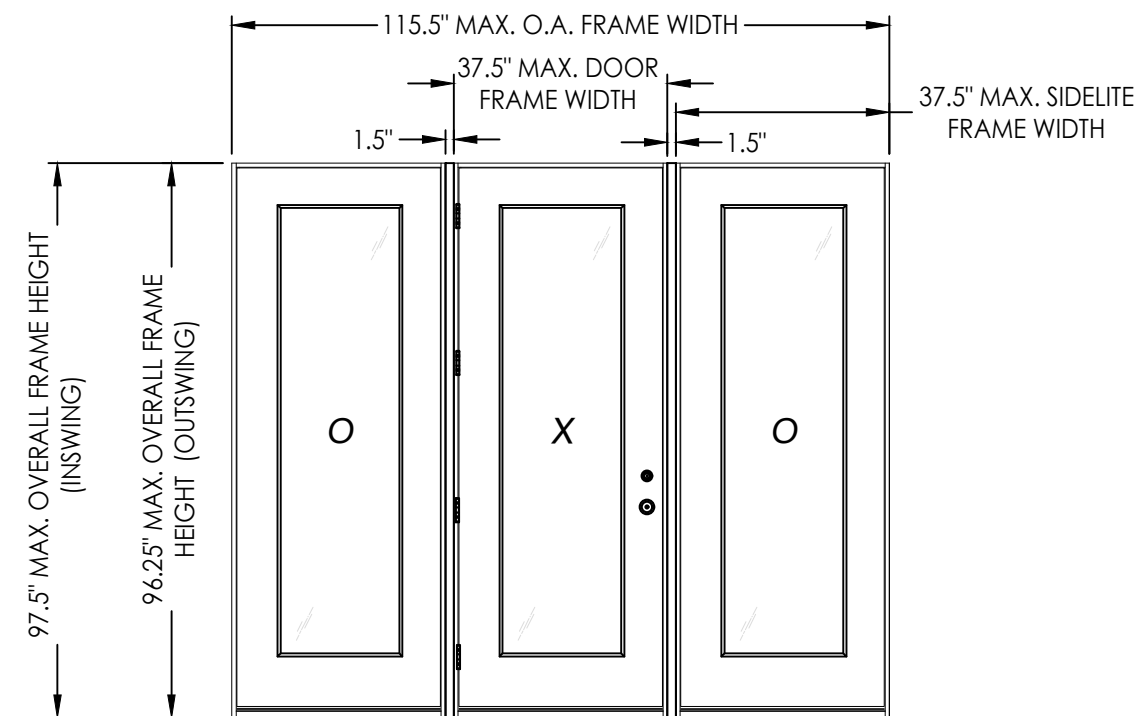




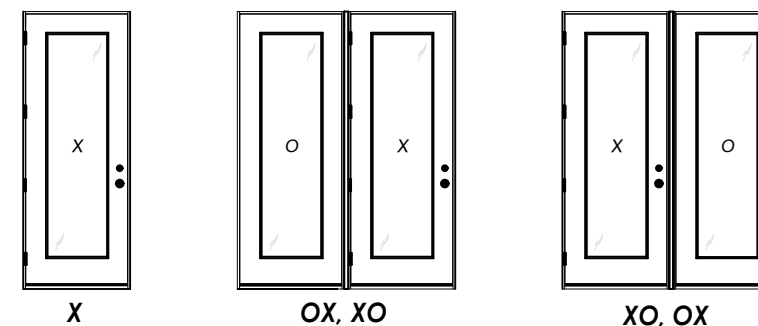
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal

Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

"TRADITIONAL SERIES"
DIRECT GLAZED FIBERGLASS DOOR
SINGLE
w/ or w/out SIDELITE(S)
INSWING/OUTSWING
"NON-IMPACT"



OXO



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 97.5"	+45.0	-50.0	+45.0	-45.0
XO, OX	75.0" x 97.5"	+45.0	-50.0	+45.0	-45.0
OXO, OOX, XOO	112.5" x 97.5"	+45.0	-50.0	+45.0	-45.0

TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	7	Horizontal & Vertical Cross Sections (1X Buck)
2	Door Panel Details	8	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Sidelite Panel Details	9	Vertical Cross Sections (Thresholds)
4	Elevations	10	Buck Anchoring
5	Horizontal & Vertical Cross Sections	11	Frame Anchoring & Hardware Details
6	Horizontal & Vertical Cross Sections (2X Buck)	12	Bill of Materials & Components

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

PRODUCT: TK1 PRODUCTS
FIBERGLASS DOOR

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

[illegible]

DATE: 2/12/25

SCALE: *N.T.S.*

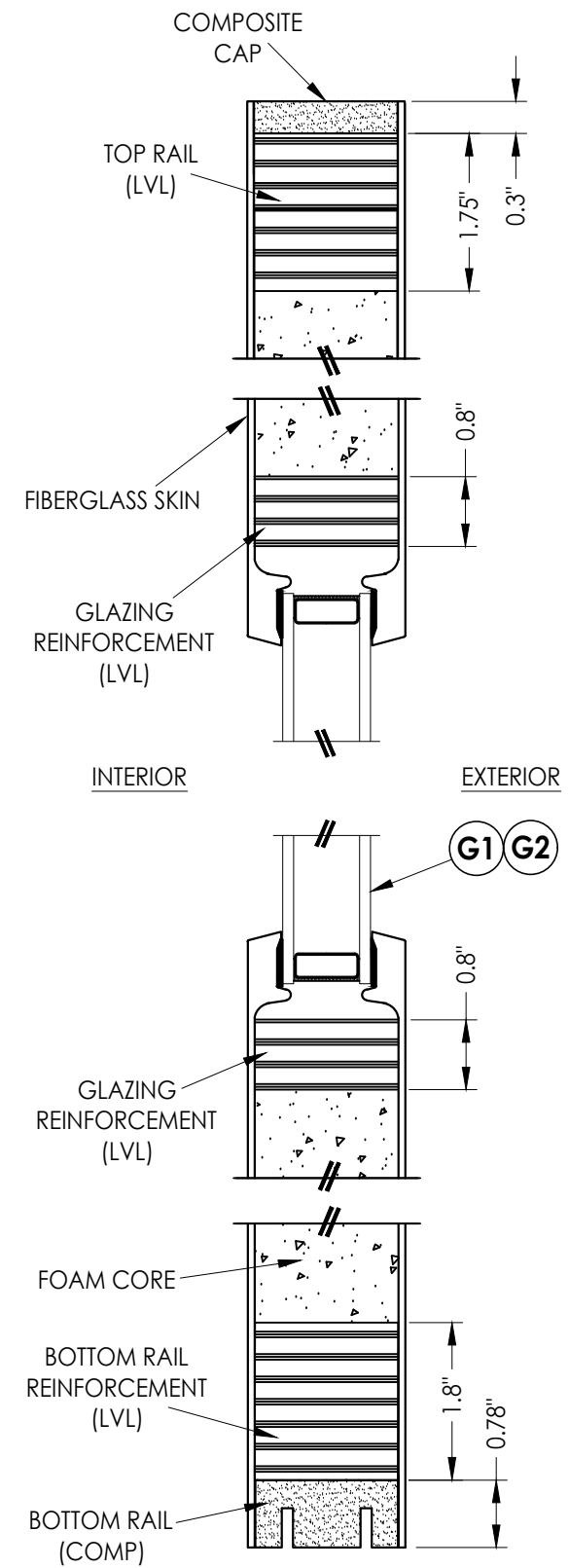
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CHK. BY: LFS

DRAWING NO.:

FL-47316.4

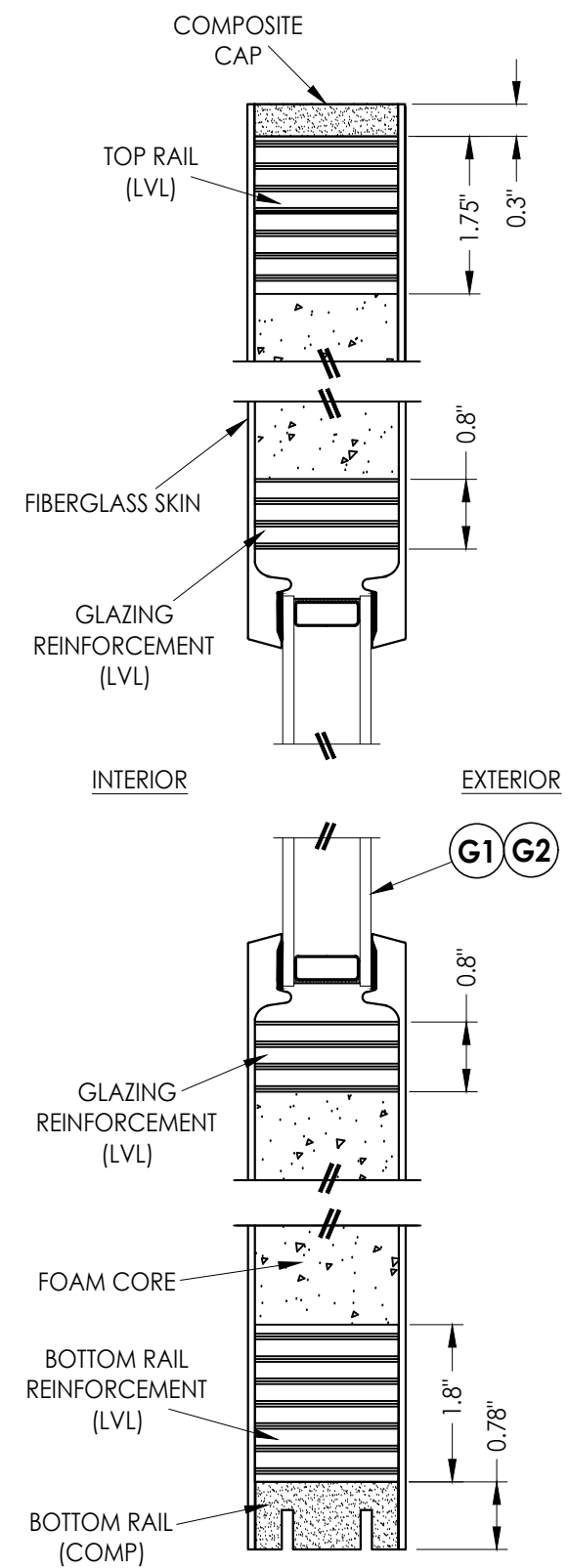
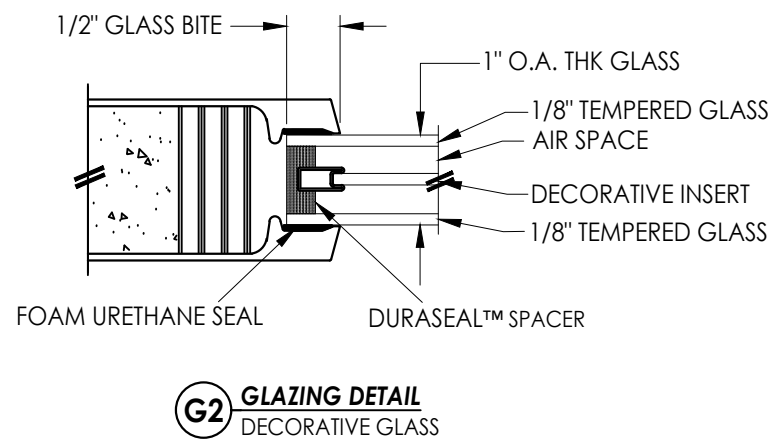
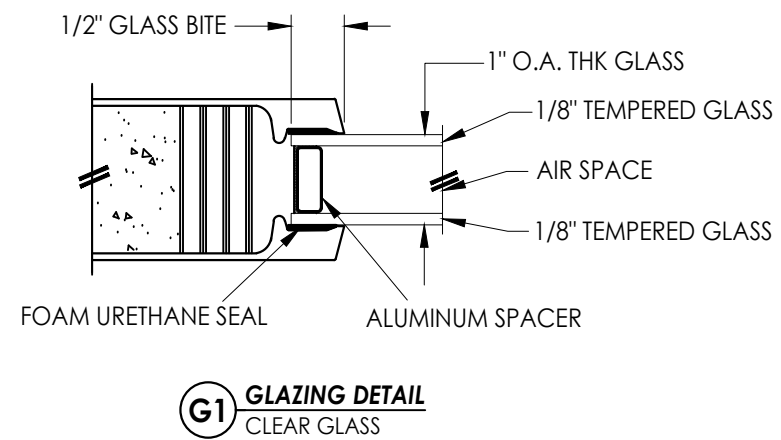
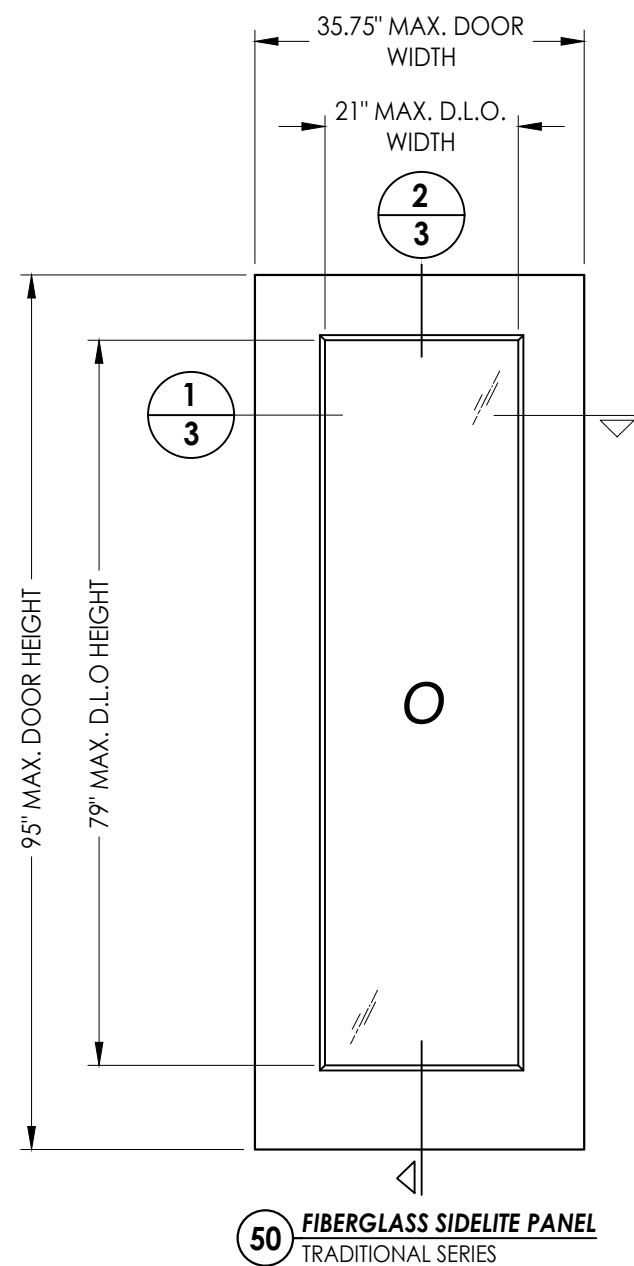
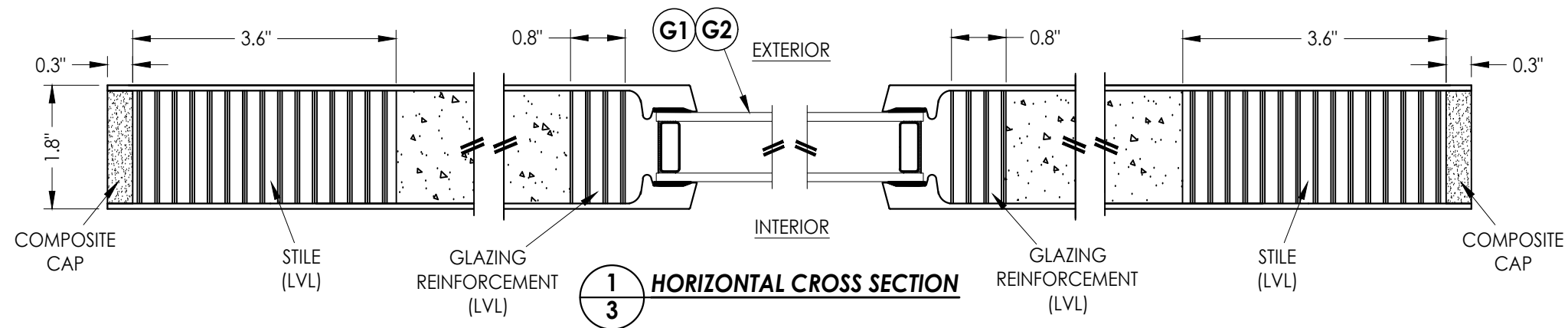
SHEET 1 OF 12



DATE:	2/12/25
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-47316.4
SHEET	2 OF 12

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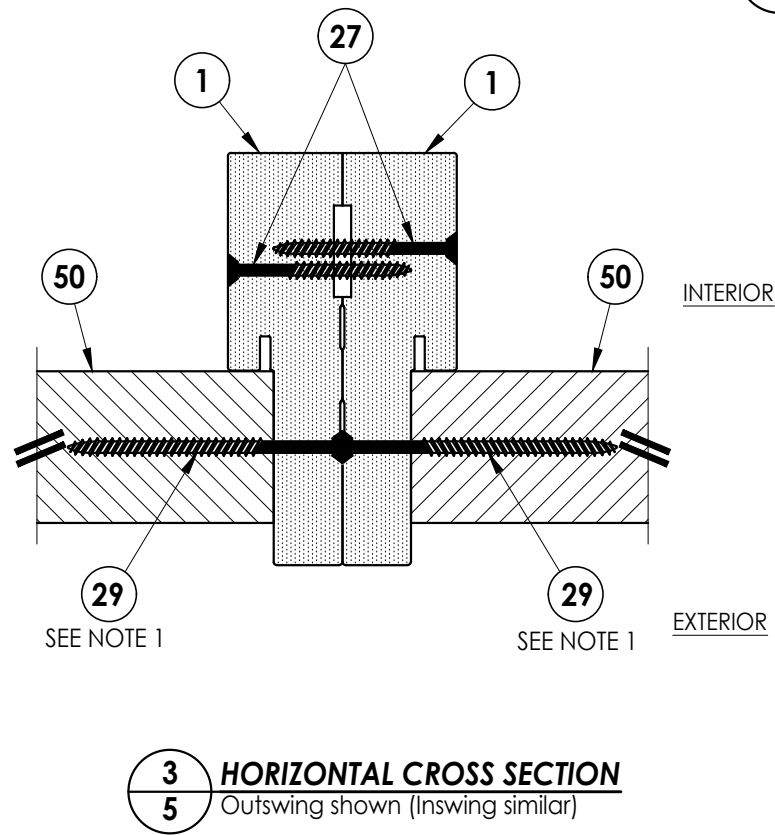
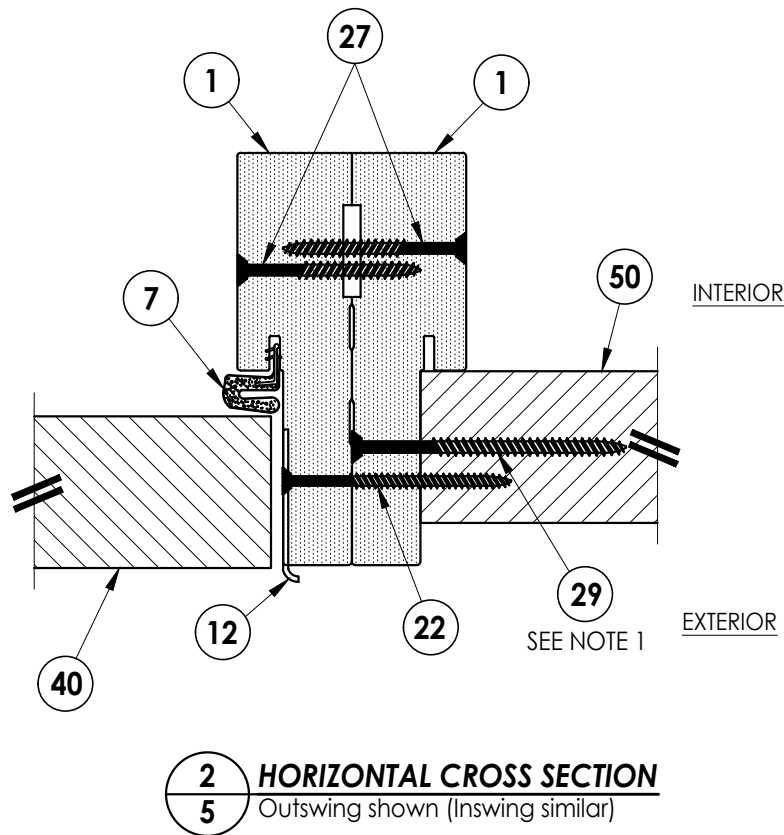
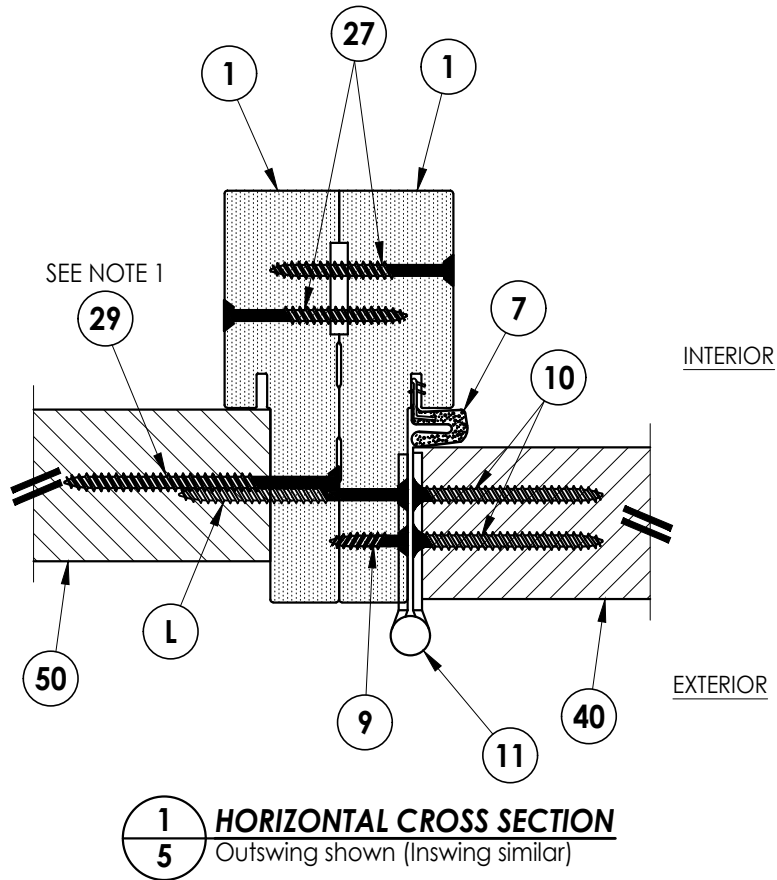
2 VERTICAL CROSS SECTION

FIBERGLASS SKIN: 0.10" MIN. THK.
FOAM CORE: POLYURETHANE

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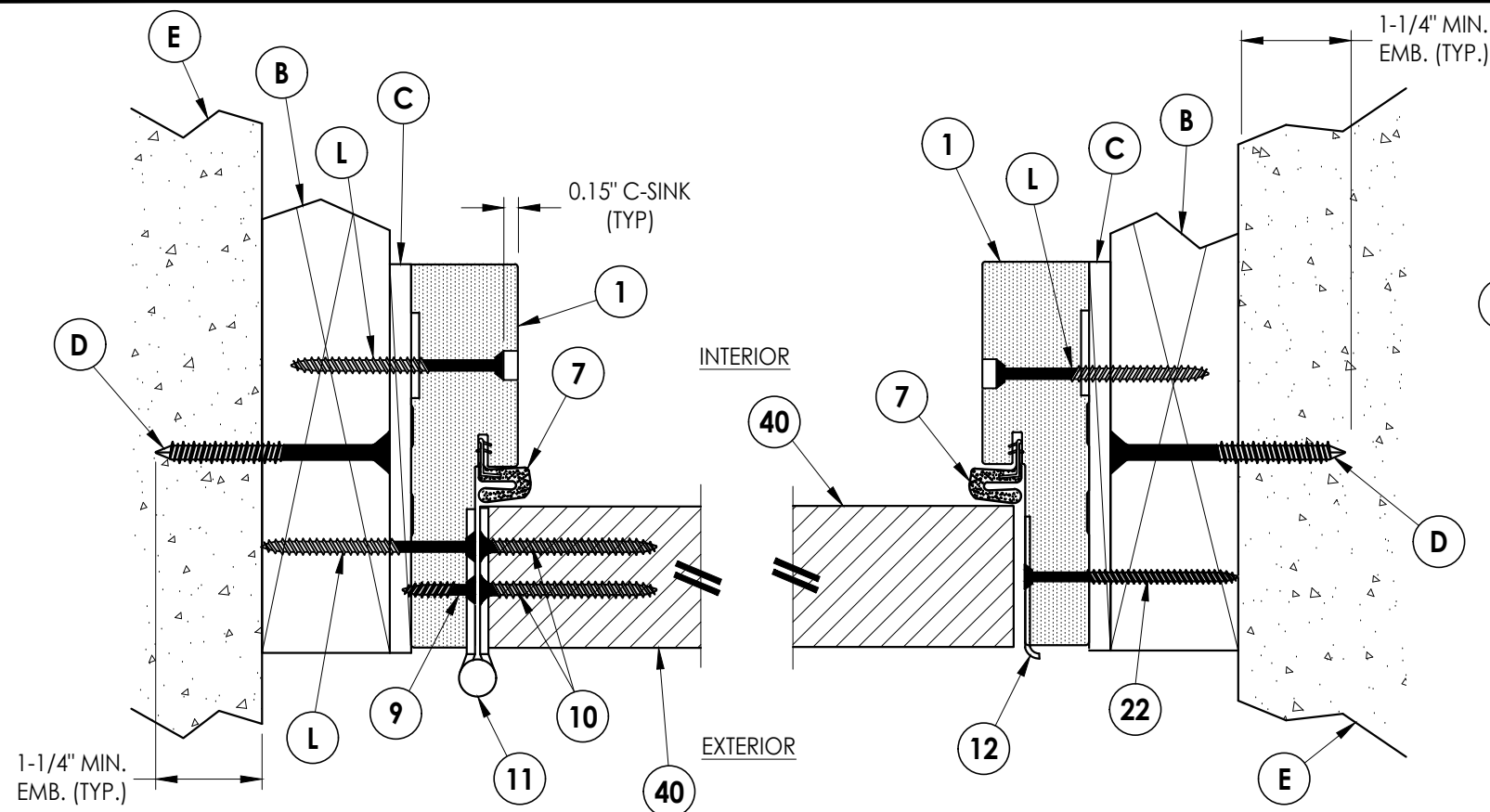
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SCALE: N.T.S.		
DWG. BY: RW		
CHK. BY: LFS		
DRAWING NO.: FL-47316.4		
SHEET 3 OF 12		
NO. DATE BY REVISIONS		PART OR ASSEMBLY: SIDELITE PANEL DETAILS



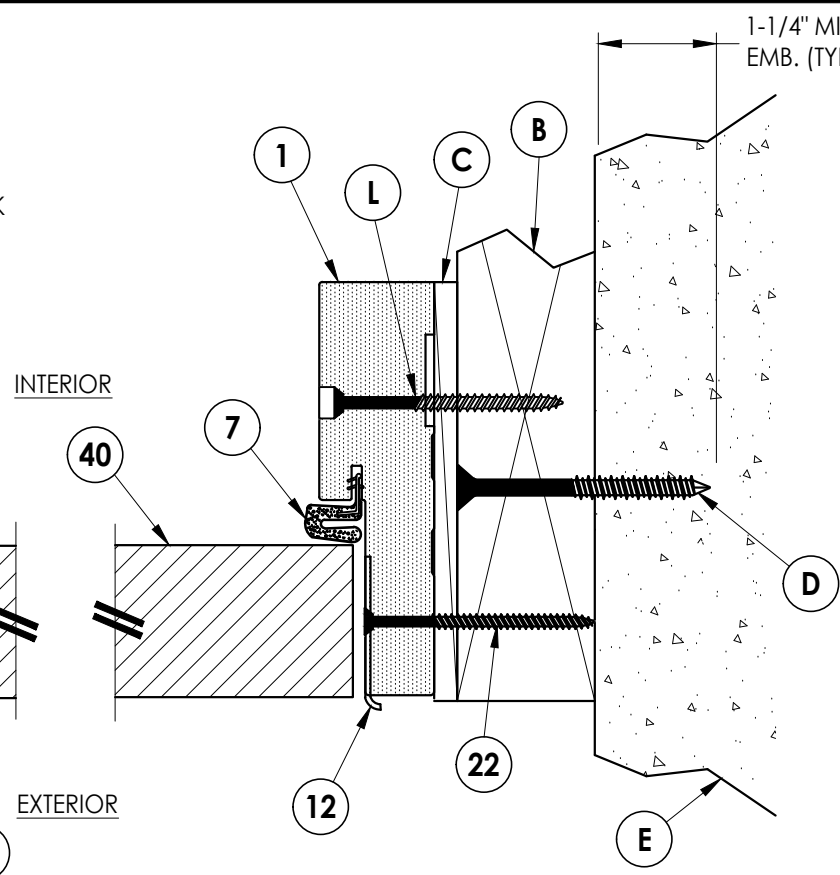
NOTES:

1. Sidelite assembly screws located 10" from each end plus 5 more equally spaced (7 screws total along side jamb).

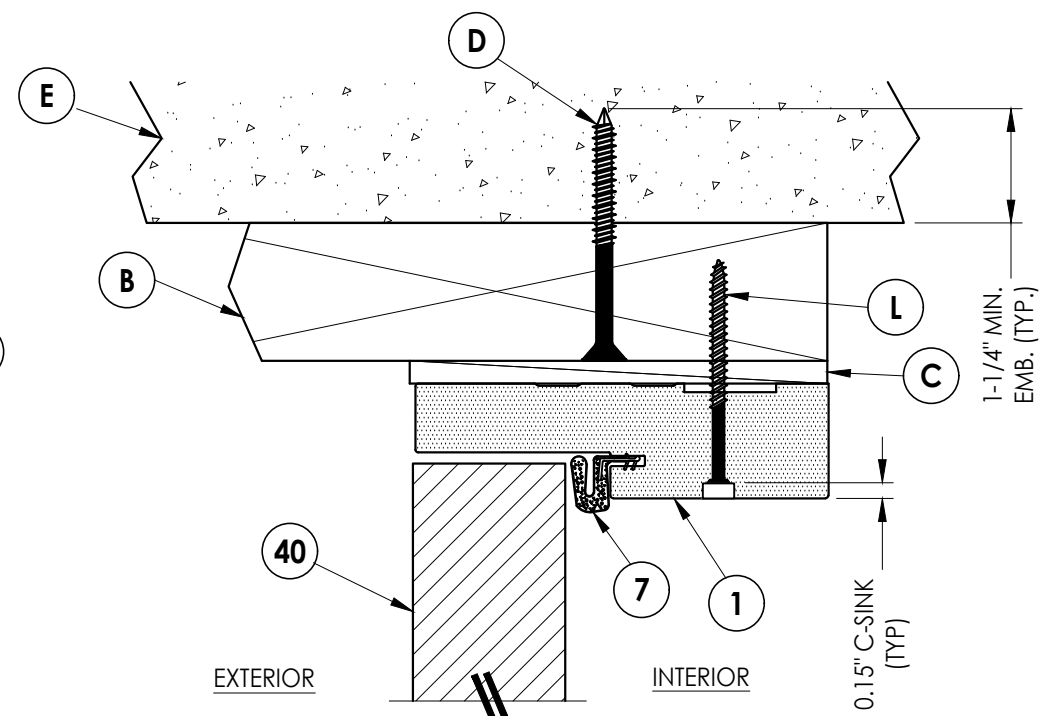
DATE: 2/12/25		NO.	DATE	BY	REVISIONS	PRODUCT: TKI PRODUCTS FIBERGLASS DOOR PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-47316.4							
SHEET 5 OF 12							



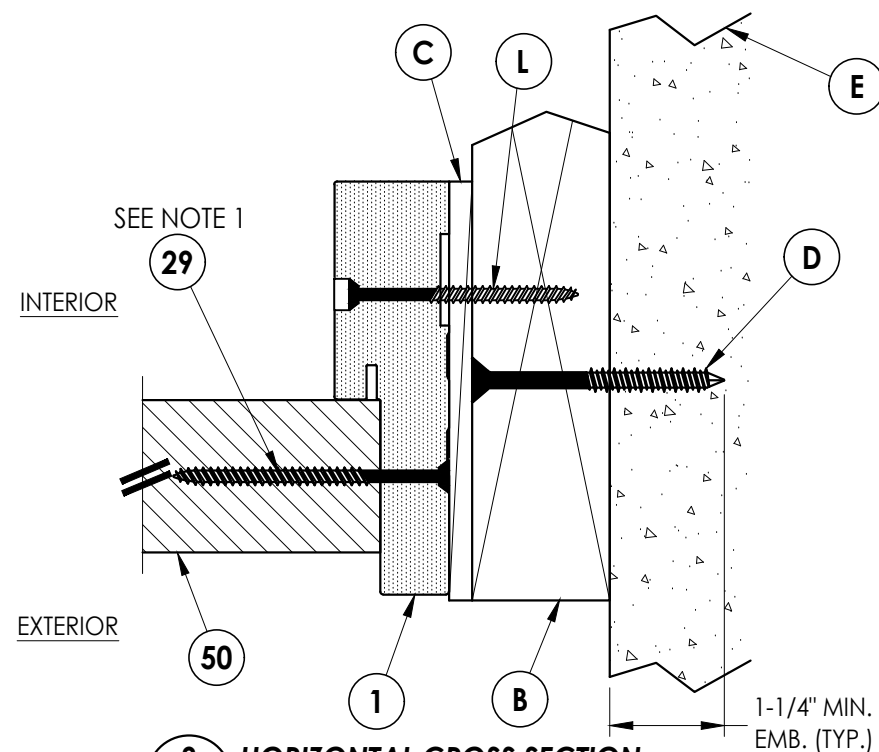
1 **HORIZONTAL CROSS SECTION**
6 Shown w/ 2X Buck
 Outswing shown (Inswing similar)



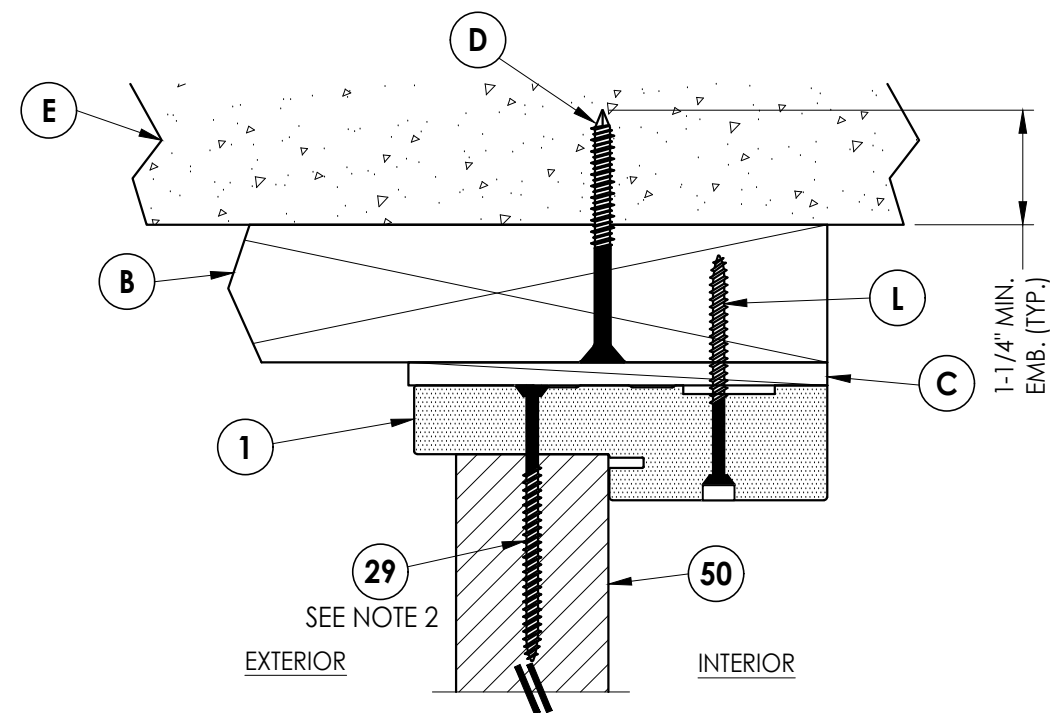
2 **HORIZONTAL CROSS SECTION**
6 Shown w/ 2X Buck
 Outswing shown (Inswing similar)



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



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



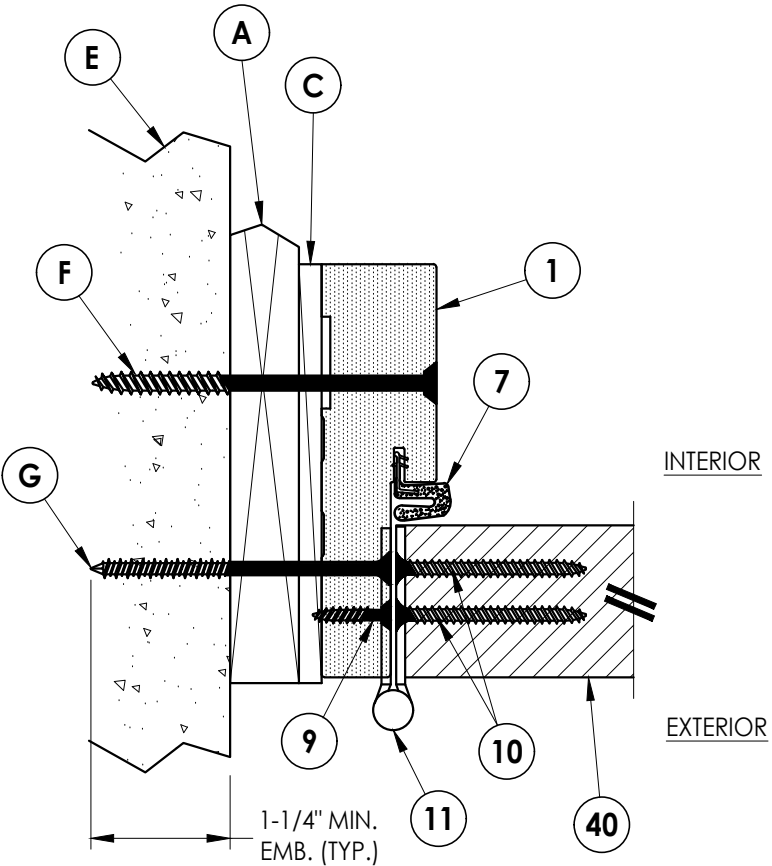
5 VERTICAL CROSS SECTION
6 Shown w/ 2X Buck
 Outswing shown (Inswing similar)

Notes:

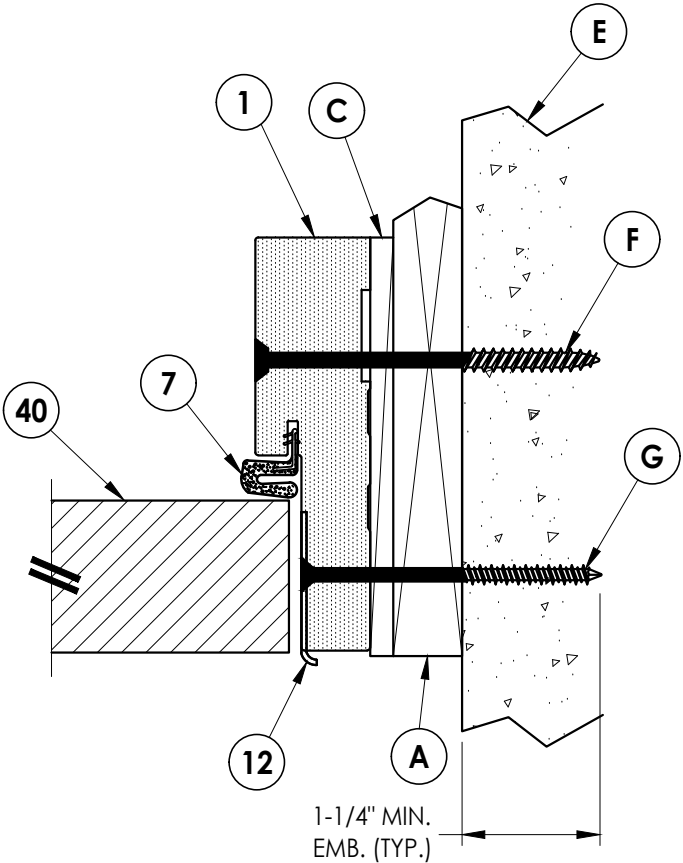
1. Sidelite assembly screws located 10" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws total along head & sill).

DATE: 2/12/25 SCALE: N.T.S. DWG. BY: RW CHK. BY: LFS DRAWING NO.: FL-47316.4 SHEET 6 OF 12	NO. DATE BY REVISIONS	PRODUCT: TKI PRODUCTS FIBERGLASS DOOR PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (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 FBPF Registry No. 9813
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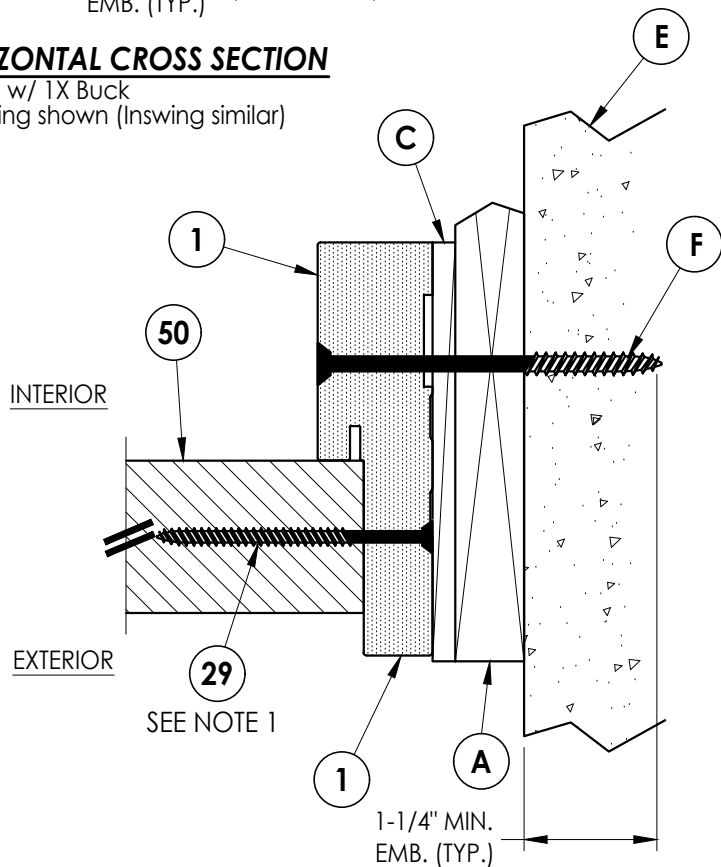
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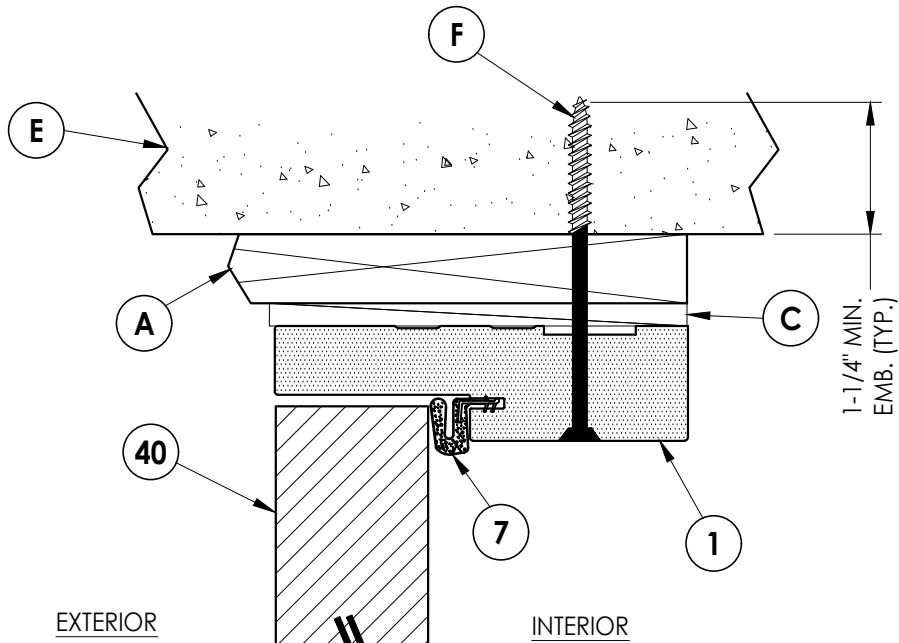
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7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



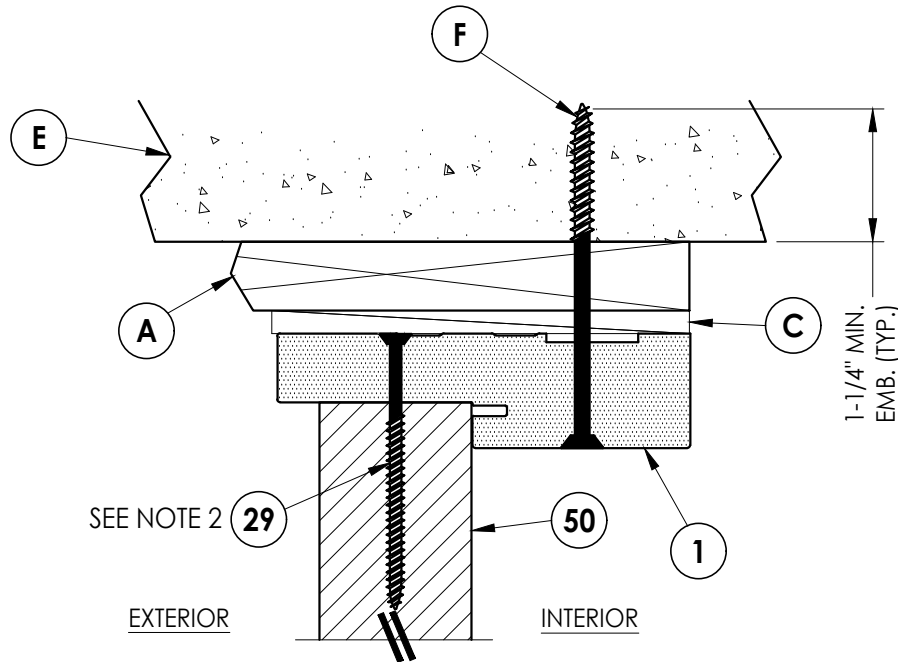
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7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



3
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



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



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

Notes:

1. Sidelite assembly screws located 10" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws total along head & sill).

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

PRODUCT: TKI PRODUCTS
FIBERGLASS DOOR

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

NO.	DATE	BY	REVISIONS

DATE: 2/12/25

SCALE: N.T.S.

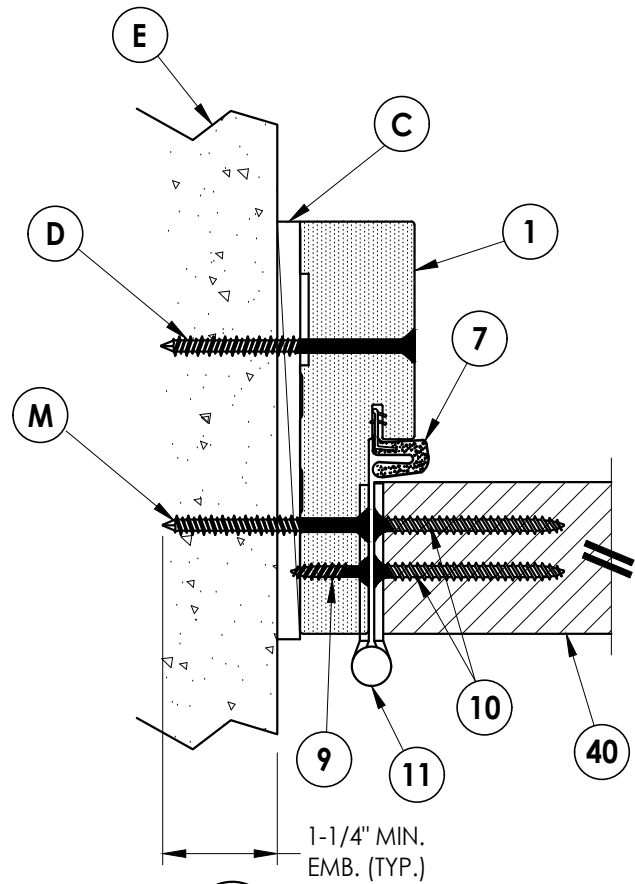
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CHK. BY: LFS

DRAWING NO.:

FL-47316.4

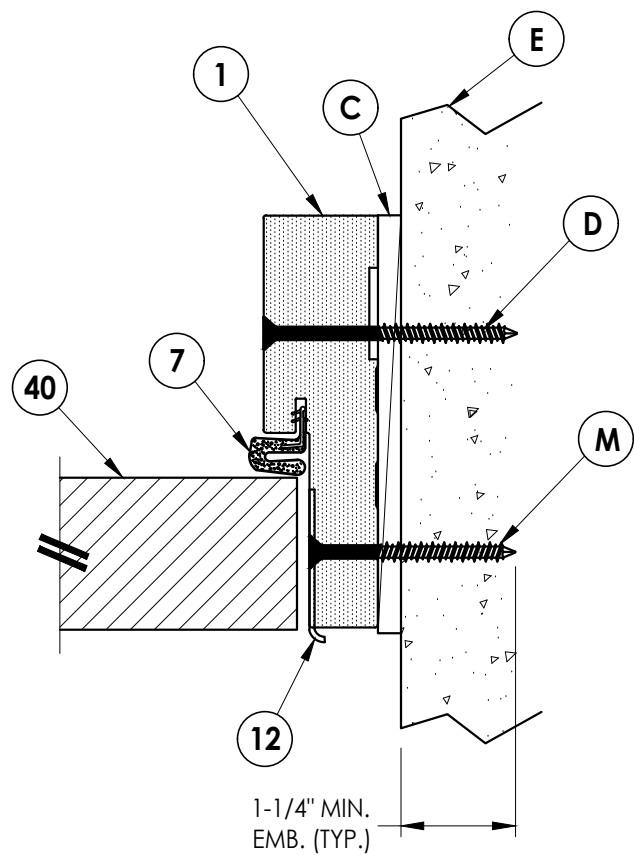
SHEET 7 OF 12



1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR

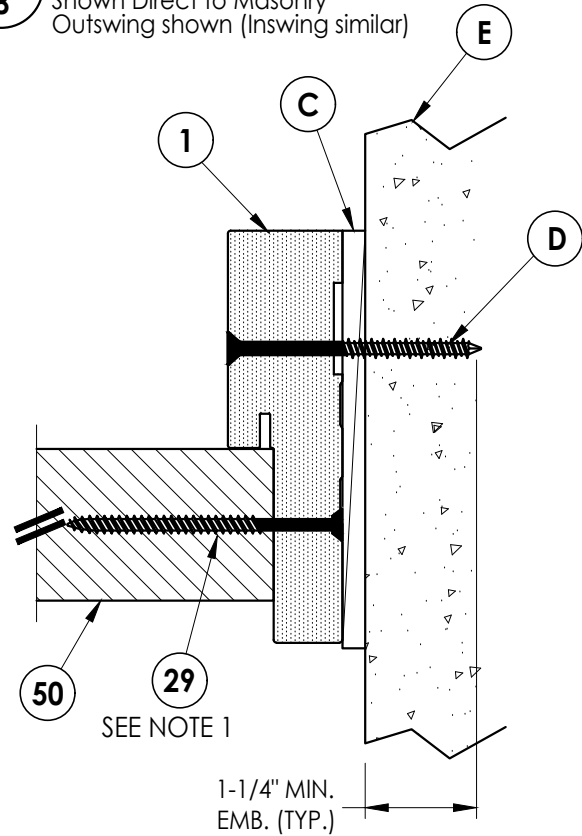
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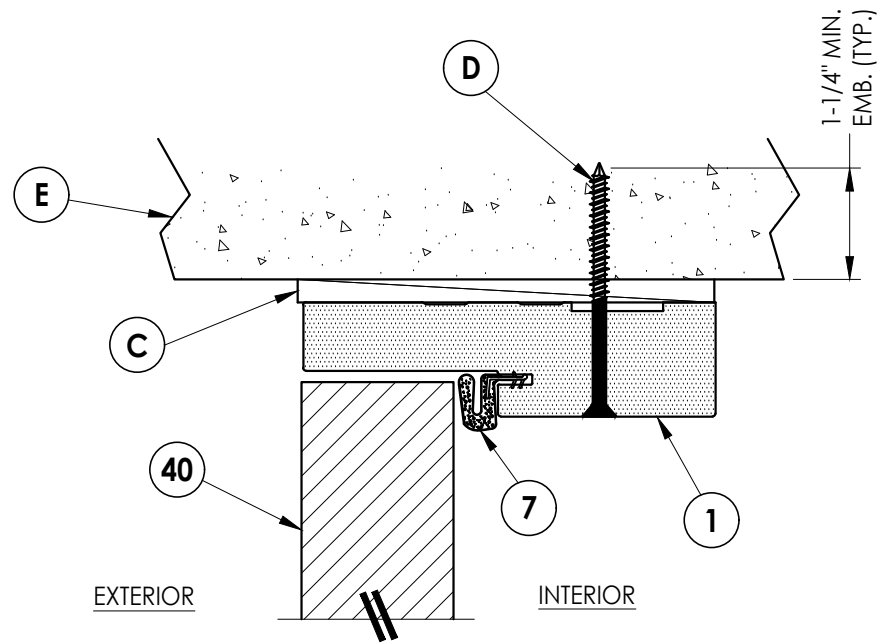
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8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR

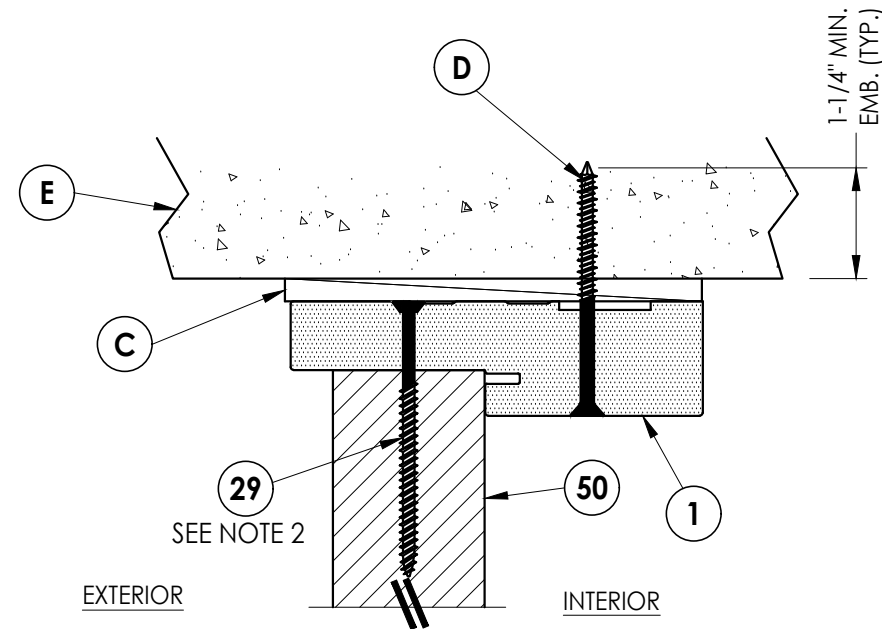
EXTERIOR



3
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

Notes:

1. Sidelite assembly screws located 10" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws total along head & sill).

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

PRODUCT:
TKI PRODUCTS
FIBERGLASS DOOR

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

DATE: 2/12/25

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-47316.4

SHEET 8 OF 12

1. Sidelite assembly screws located 10" from each end (2 screws total along head & sill).



DATE: 2/12/25		REVISIONS NO. DATE BY	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-47316.4			
SHEET 9 OF 12			

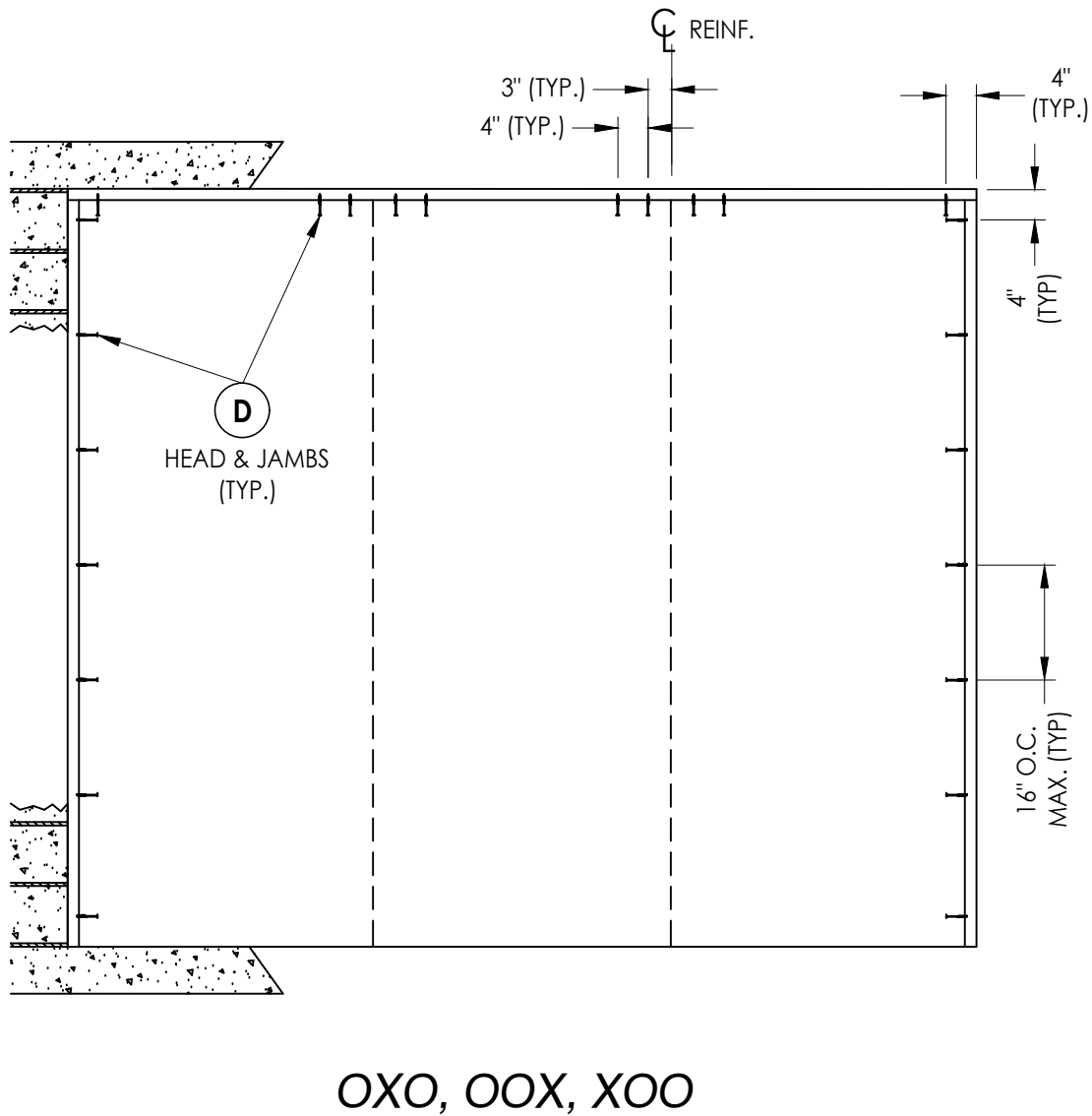
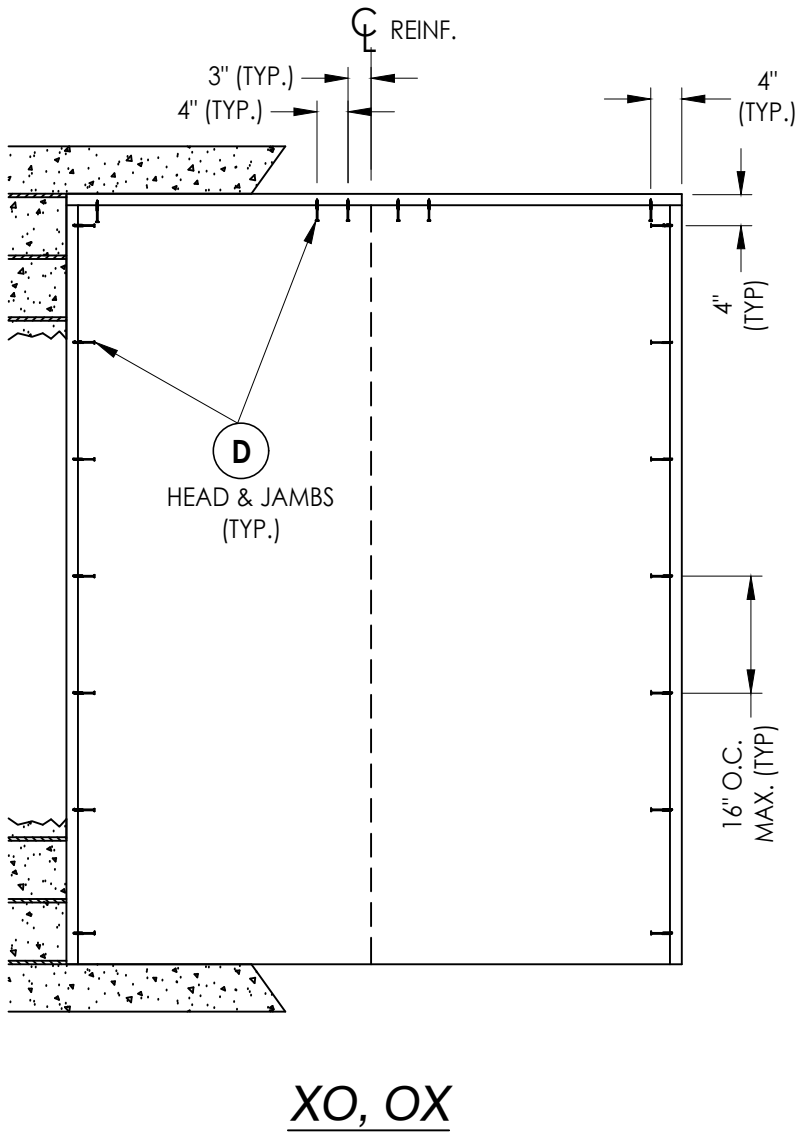
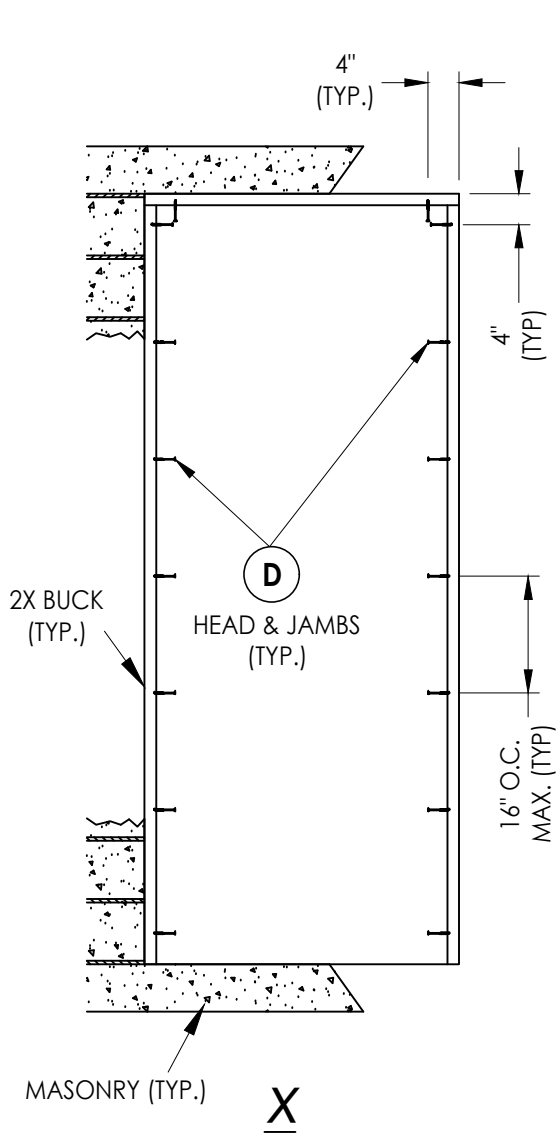
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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813-975-6000

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

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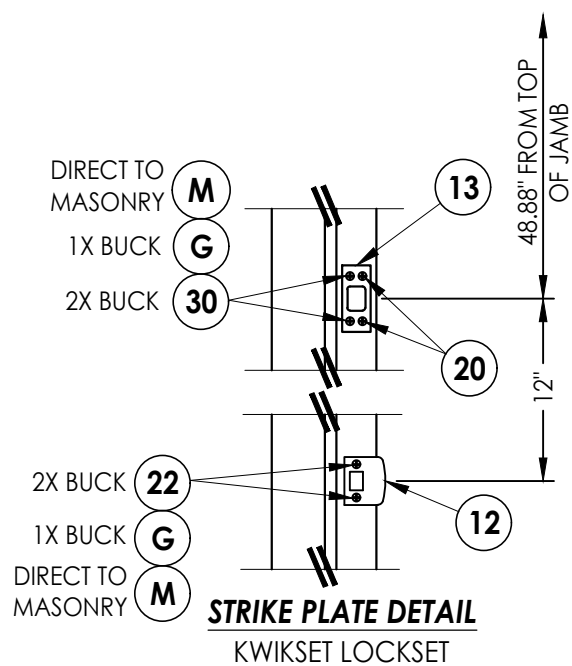
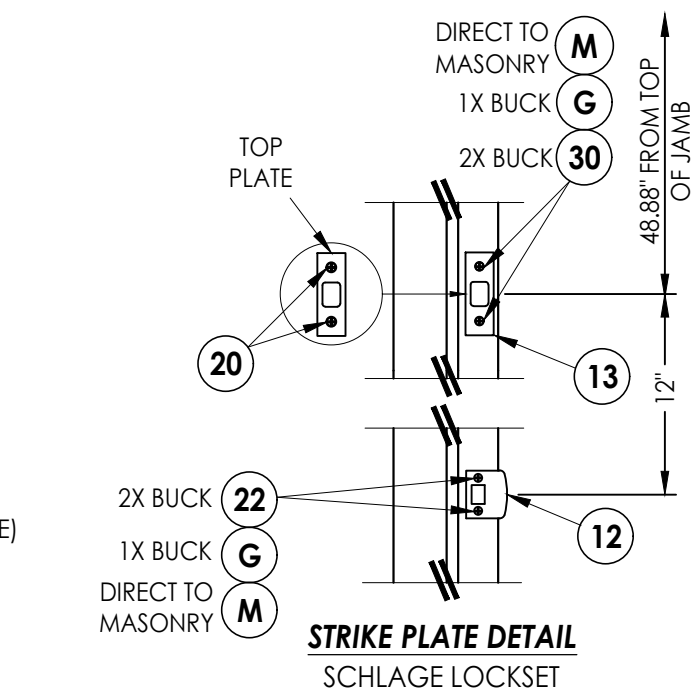
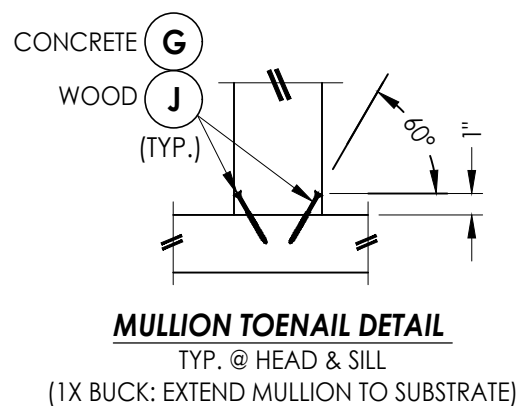
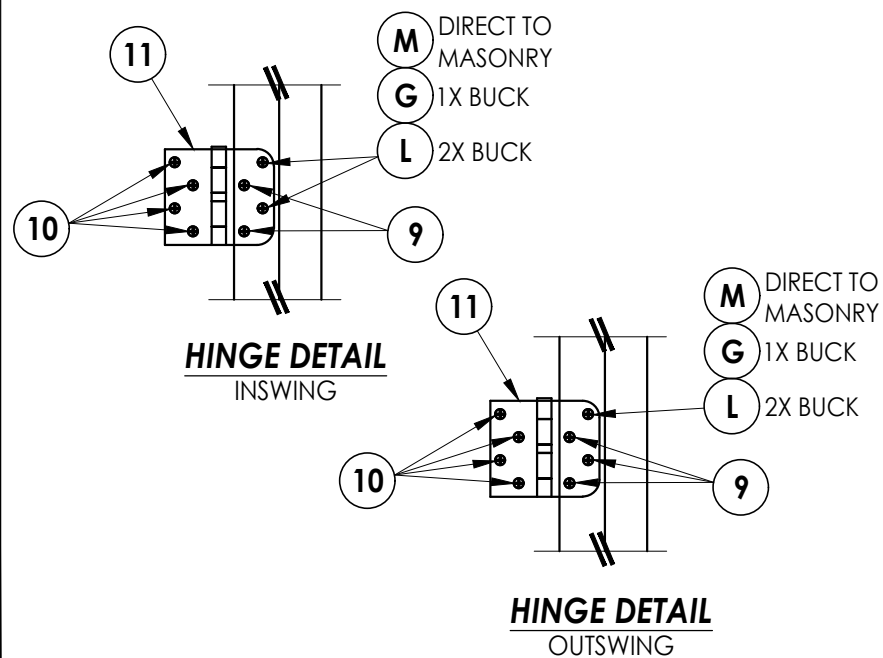
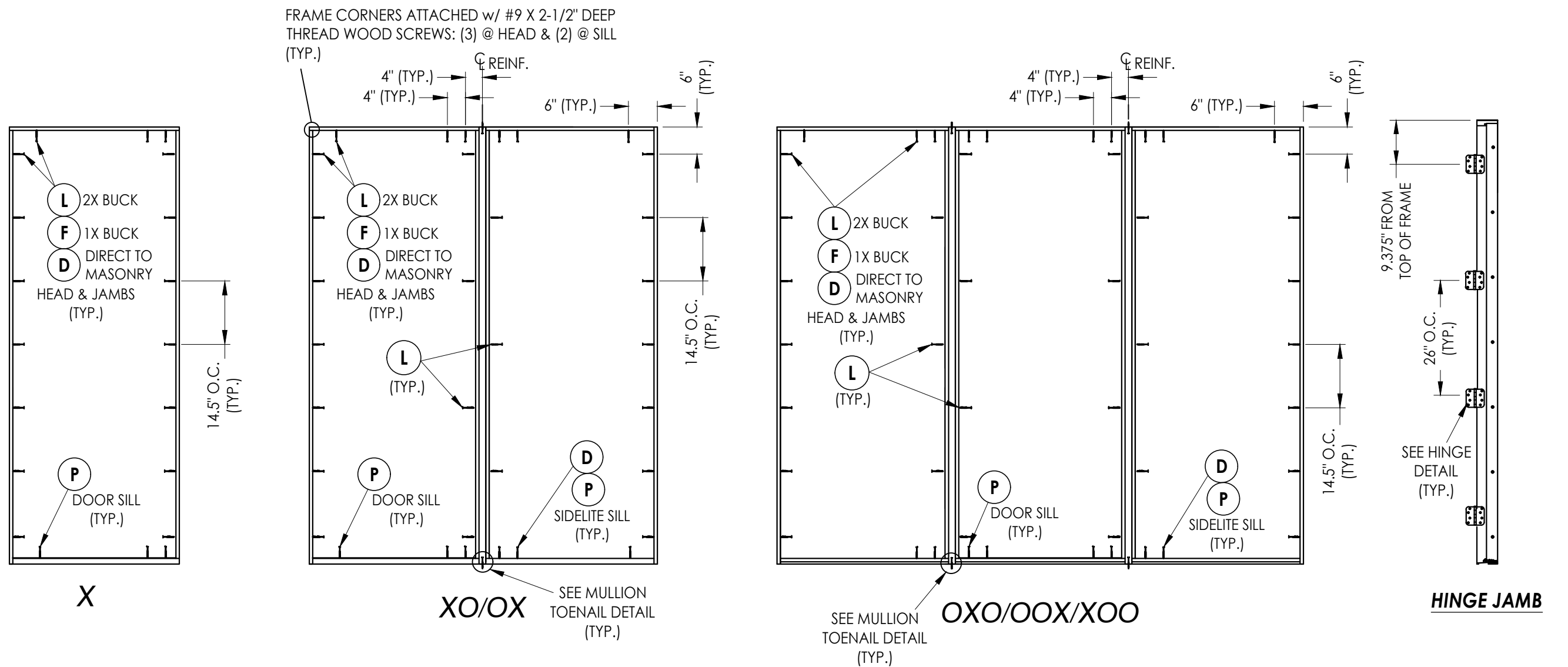
2X BUCK ANCHORING

PRODUCT:		TKI PRODUCTS FIBERGLASS DOOR	
PART OR ASSEMBLY:		BUCK ANCHORING	
NO.	DATE	BY	REVISIONS

DATE:	2/12/25
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-47316.4
SHEET	10 OF 12

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

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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
J	#10 X 3" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	#9 X 3/4" PFH WOOD SCREW	STEEL
10	#7 X 2" PFH DRYWALL SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
17	INSWING SIDELITE ADAPTER	PVC
20	#8 X 1/2" PFH WOOD SCREW	STEEL
22	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#10 X 2" PFH SMS	STEEL
29	#10 X 3" FH COMPOSITE DECK SCREW	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

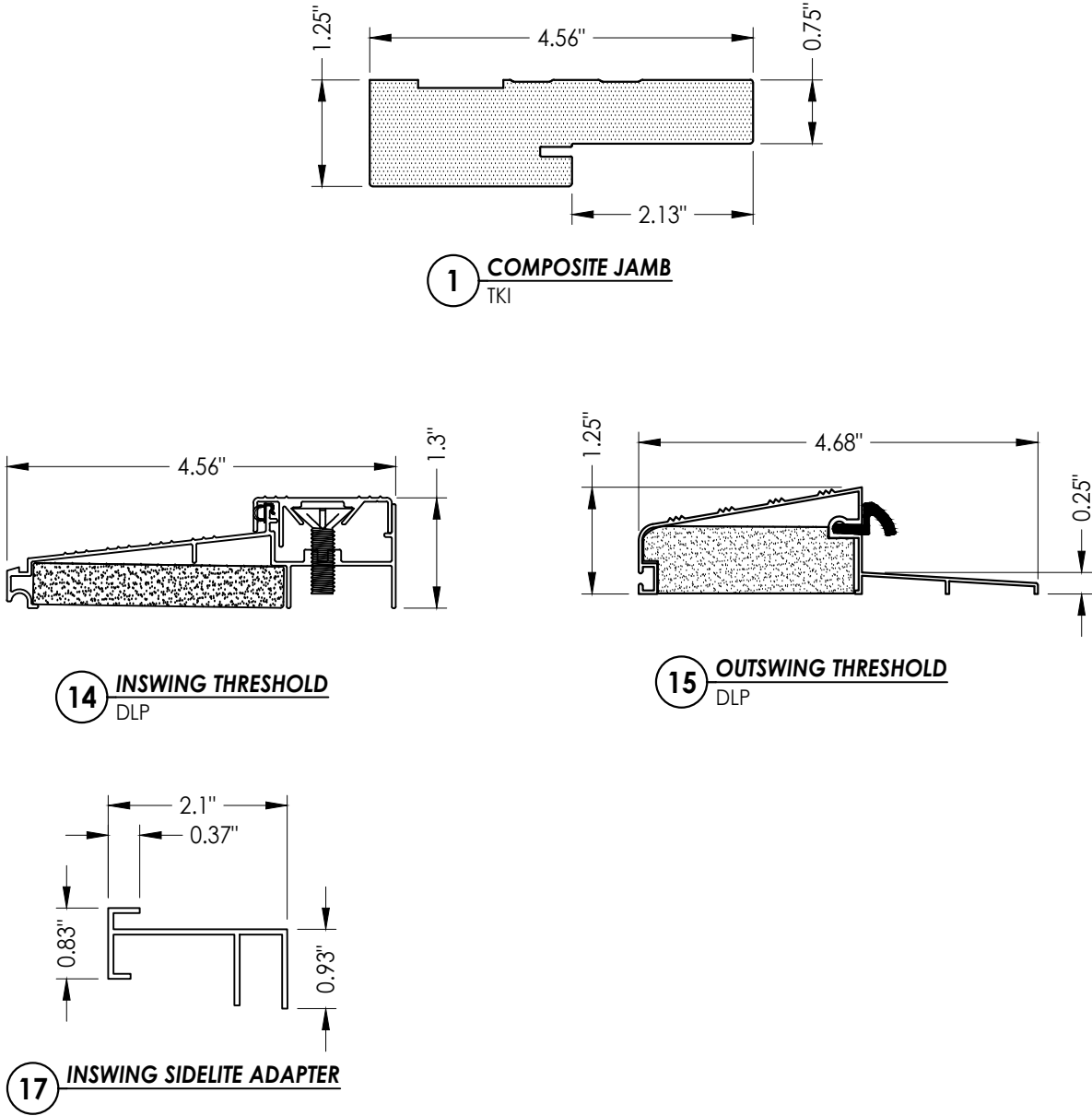
CONCRETE ANCHOR NOTES:

- 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.



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

PRODUCT:
TKI PRODUCTS
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 2/12/25

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-47316.4

SHEET 12 OF 12