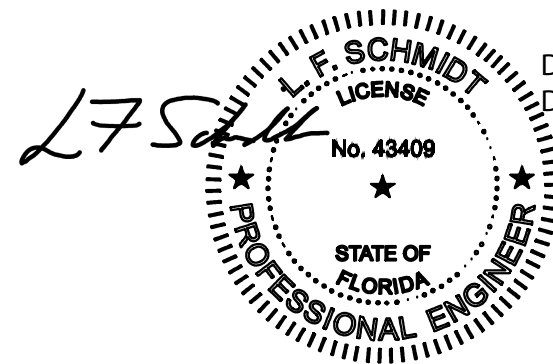




This item has been digitally signed and sealed by **L. F. Schmidt, P.E.** on the date adjacent to the seal.

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THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

Technical drawing of a three-door cabinet. The drawing shows three doors with a central door featuring a handle and a lock. Dimensions are provided for the overall width and height, as well as the frame width and height.

Dimensions:

- Overall Frame Width: 112.5" MAX.
- Frame Width: 37.5" MAX.
- Overall Frame Height (Inswing): 81.5" MAX.
- Overall Frame Height (Outswing): 80.25" MAX.

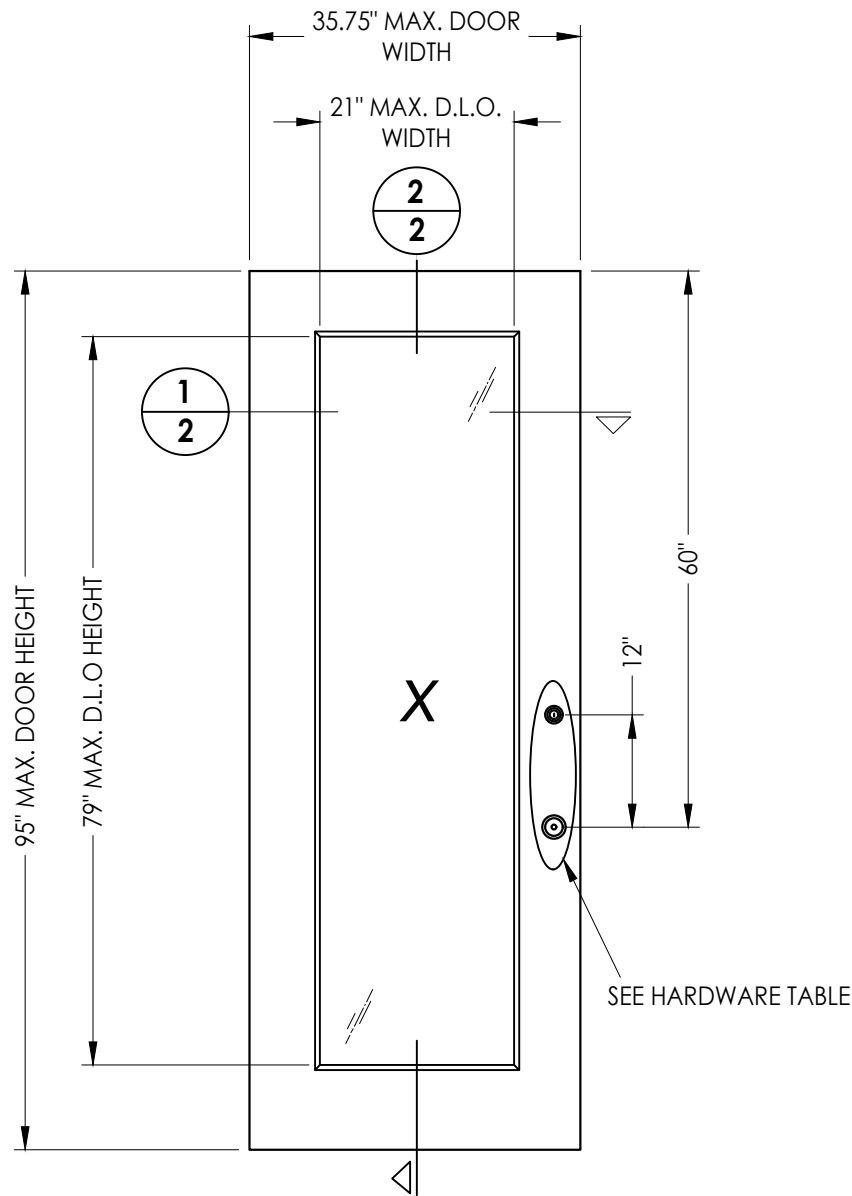
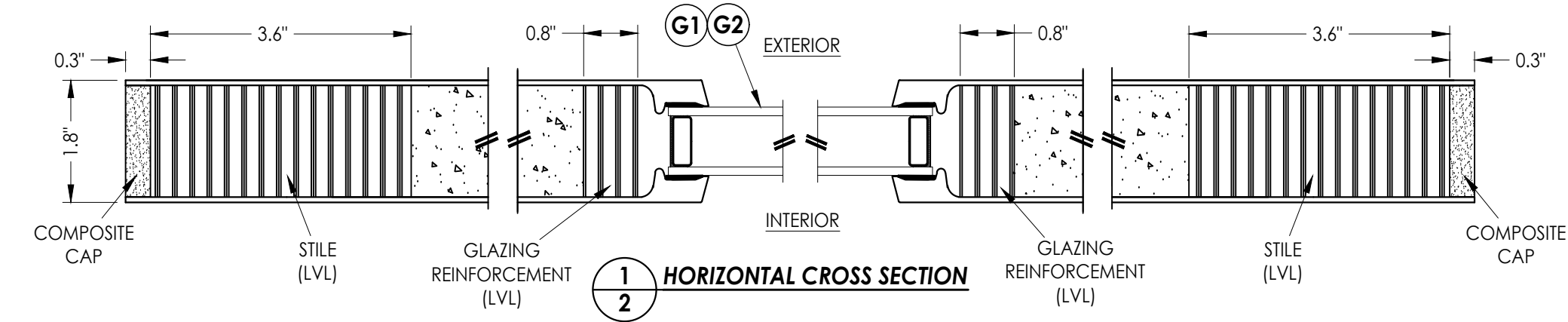
The diagram illustrates the XOR operation using light bulbs. It shows three scenarios:

- A single bulb labeled 'X'.
- Two bulbs, one labeled 'X' and one labeled 'O', labeled 'XO, OX'.
- Two bulbs, one labeled 'O' and one labeled 'X', labeled 'OX, XO'.

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 81.5"	+45.0	-45.0	+45.0	-45.0
XO, OX	75.0" x 81.5"	+45.0	-45.0	+45.0	-45.0
OXO, OOX, XOO	112.5" x 81.5"	+45.0	-45.0	+45.0	-45.0

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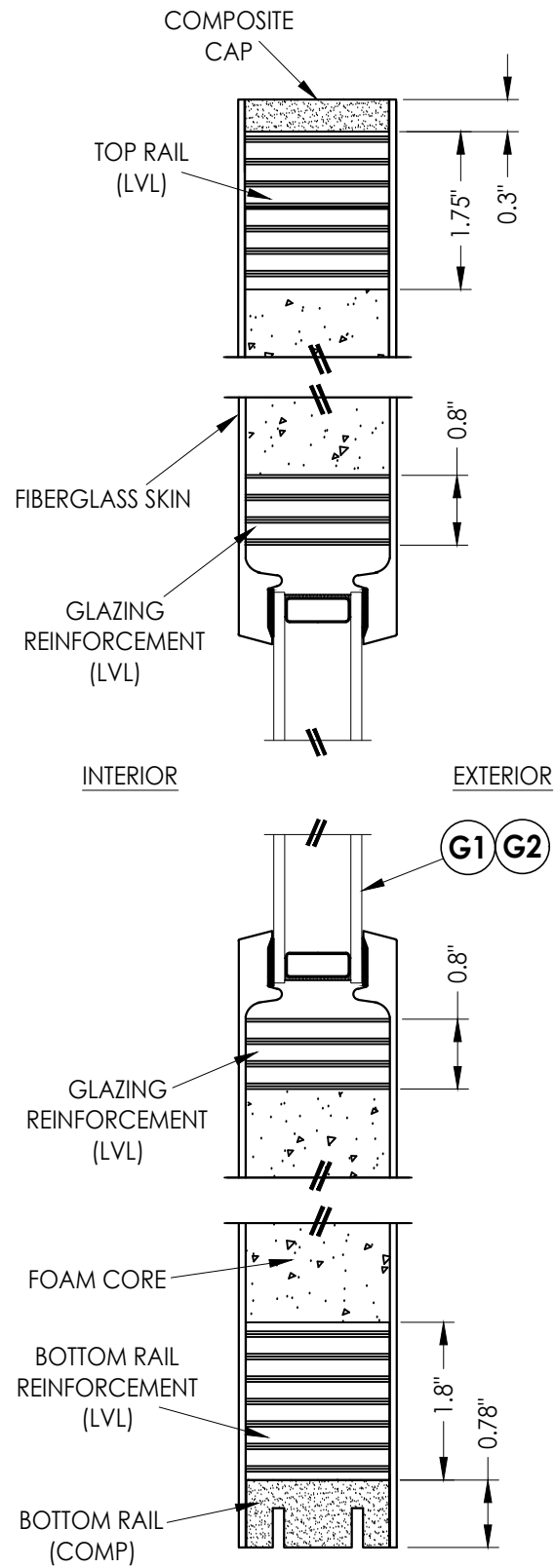
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40 FIBERGLASS DOOR PANEL
TRADITIONAL SERIES

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

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60N



2 VERTICAL CROSS SECTION

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

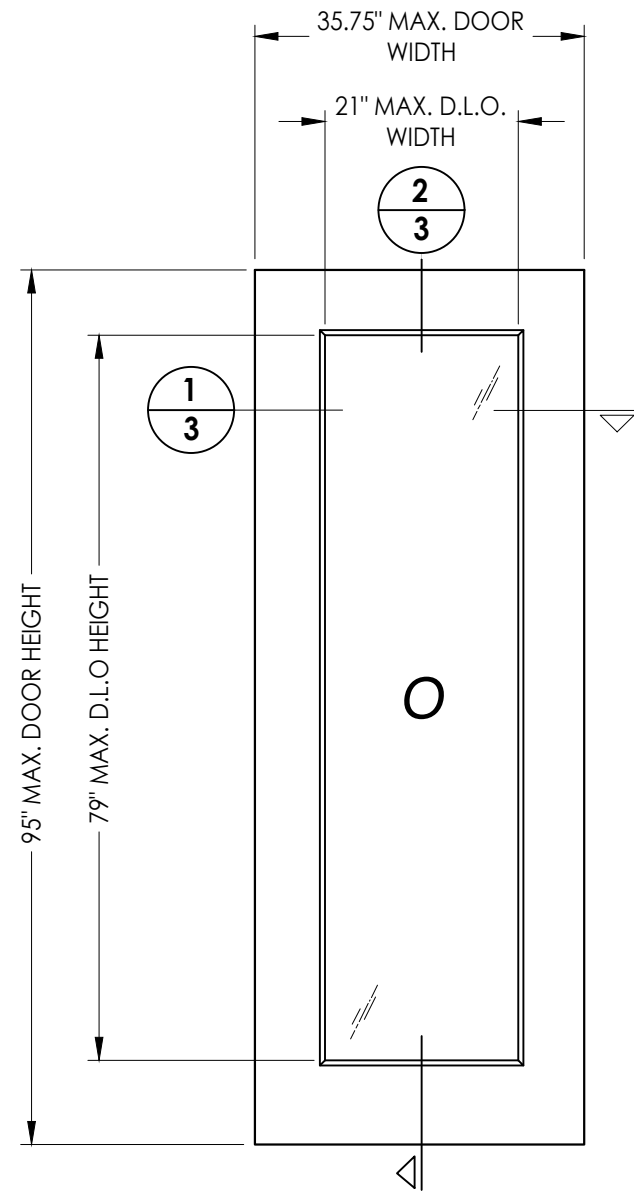
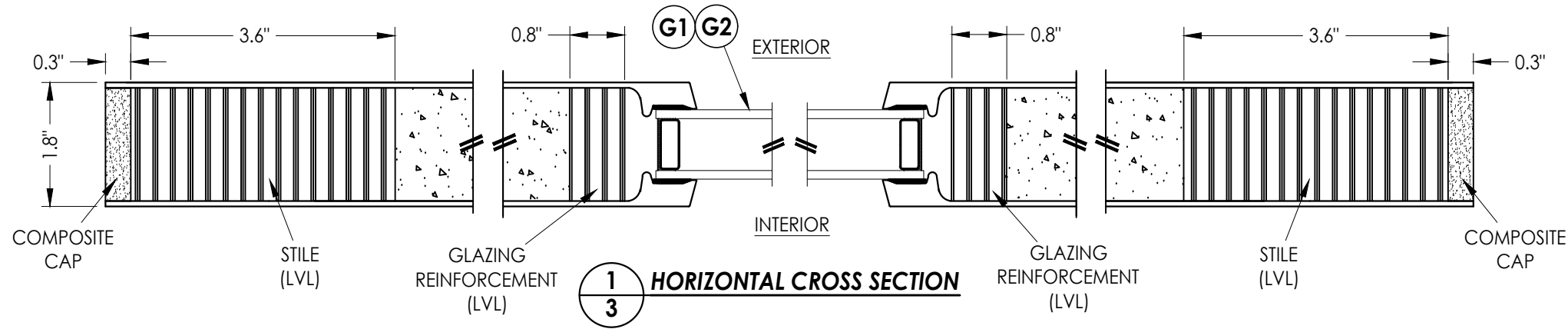
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TKI PRODUCTS
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR
PANEL DETAILS

REVISIONS			
NO.	DATE	BY	

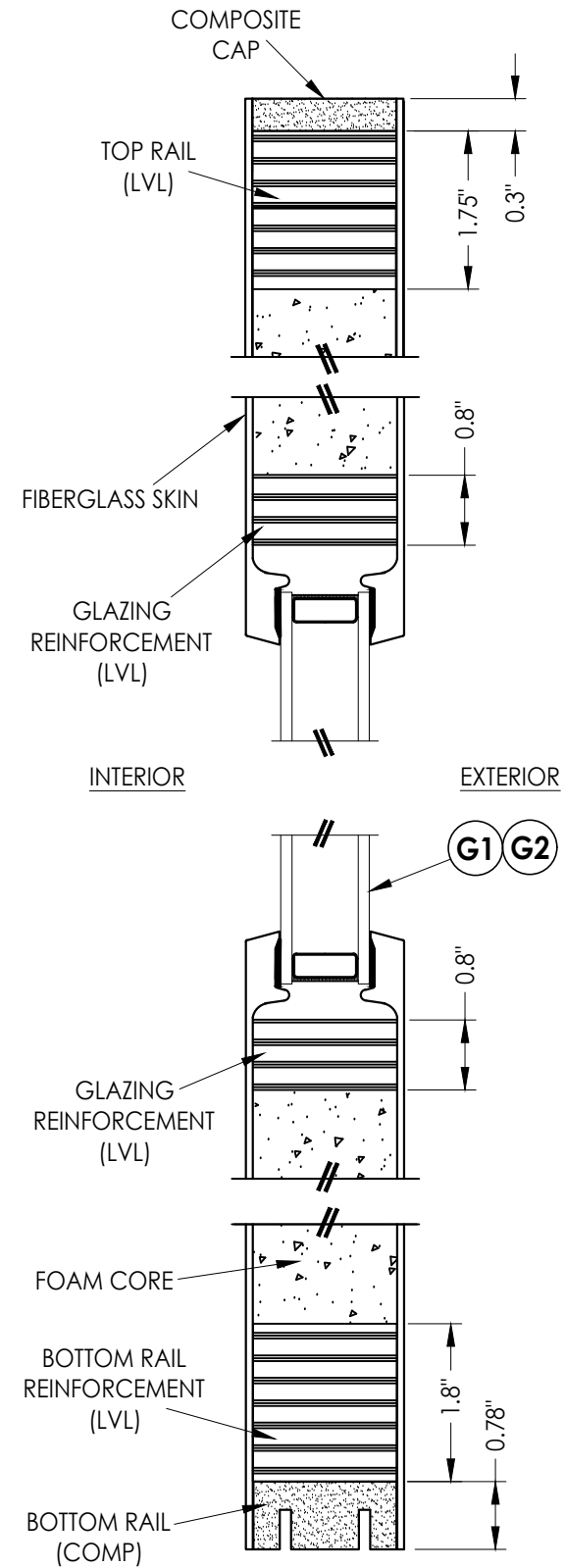
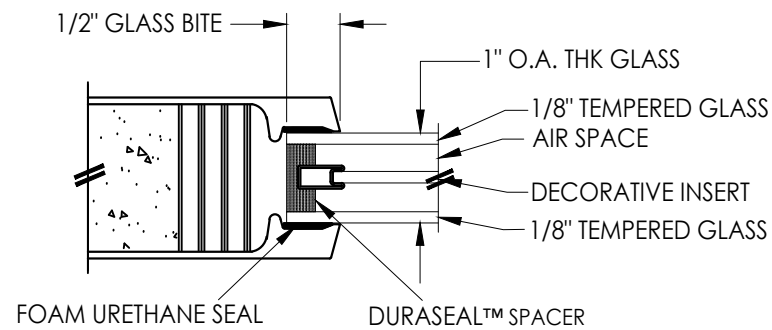
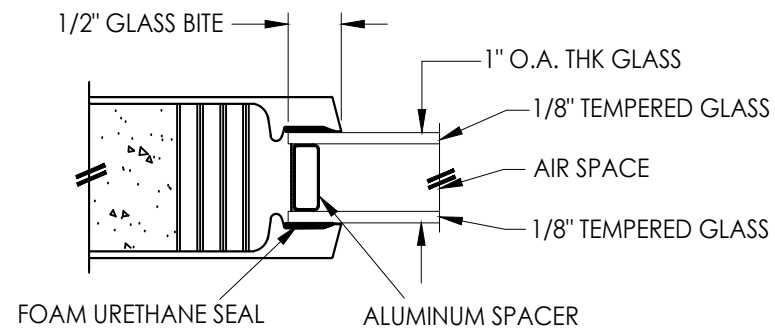
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SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-47316.1
SHEET 2 OF 12

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50 FIBERGLASS SIDELITE PANEL
TRADITIONAL SERIES

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



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

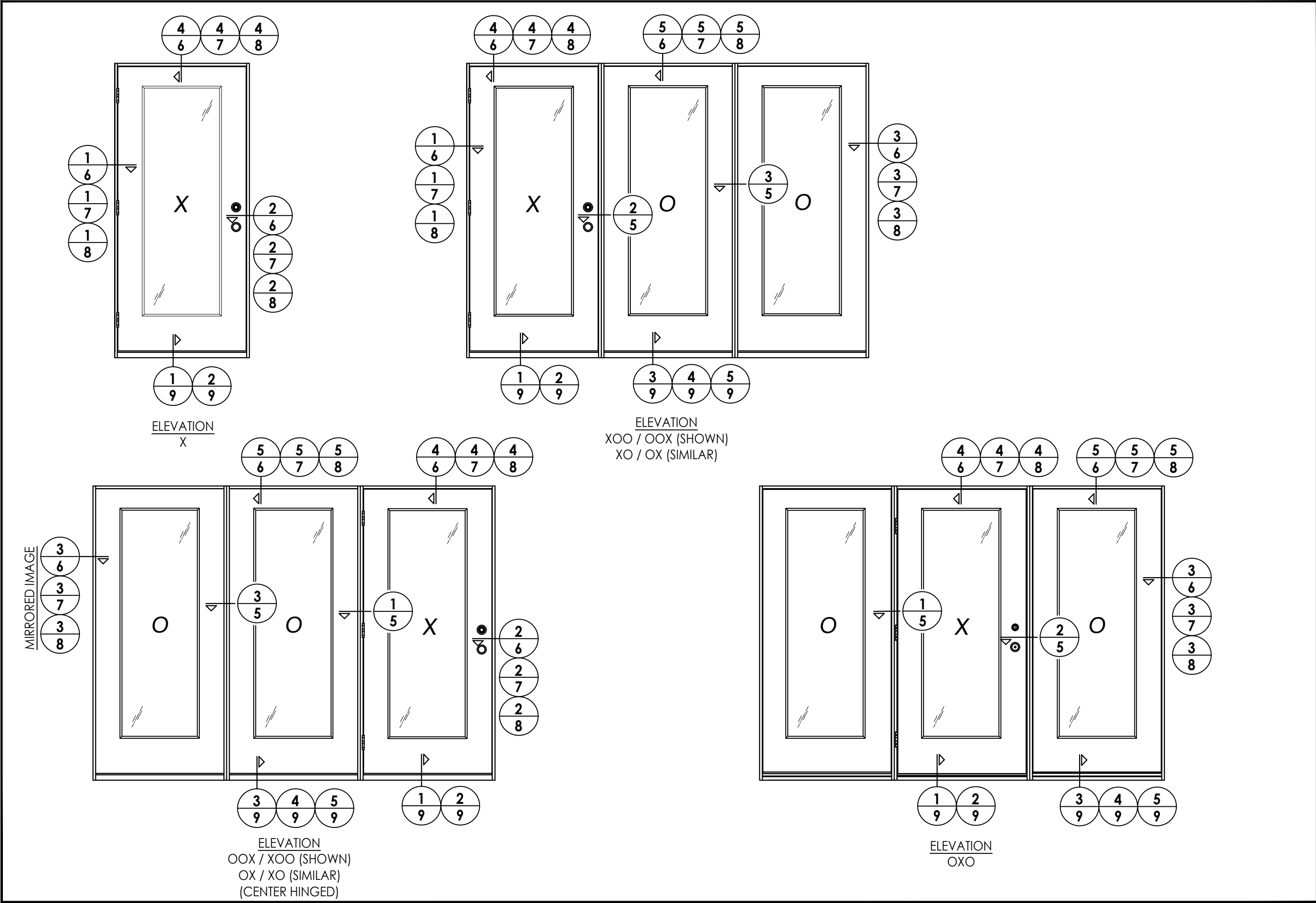
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	TKI PRODUCTS FIBERGLASS DOOR		
	PART OR ASSEMBLY: SIDELITE PANEL DETAILS		

REVISIONS			
NO.	DATE	BY	

DATE:	2/12/25
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-47316.1
SHEET	3 OF 12

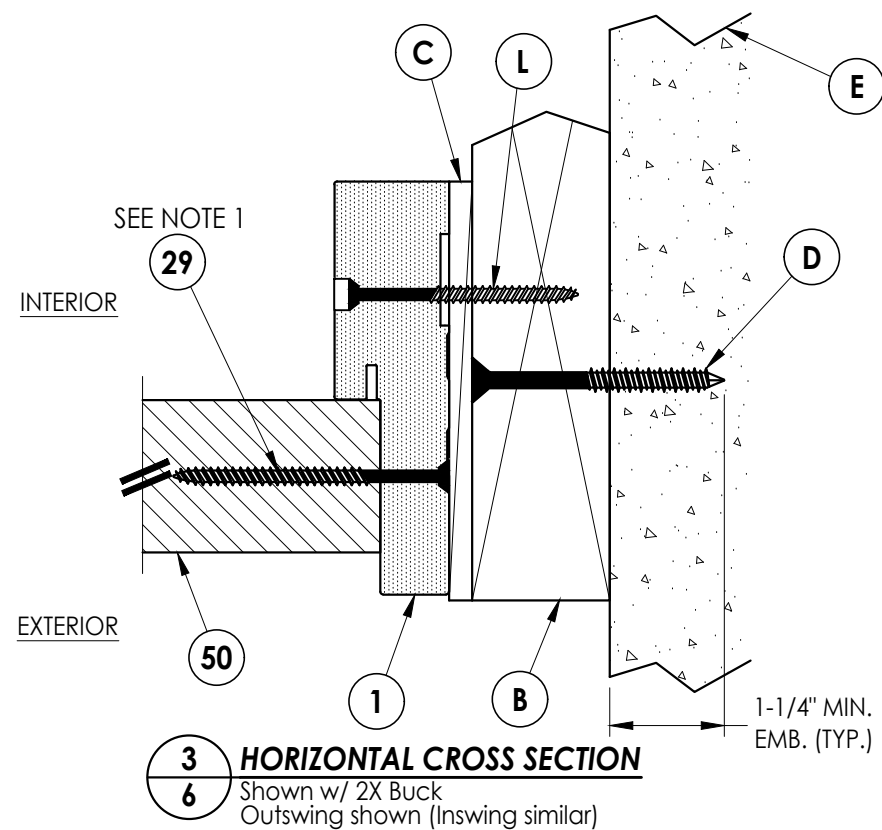
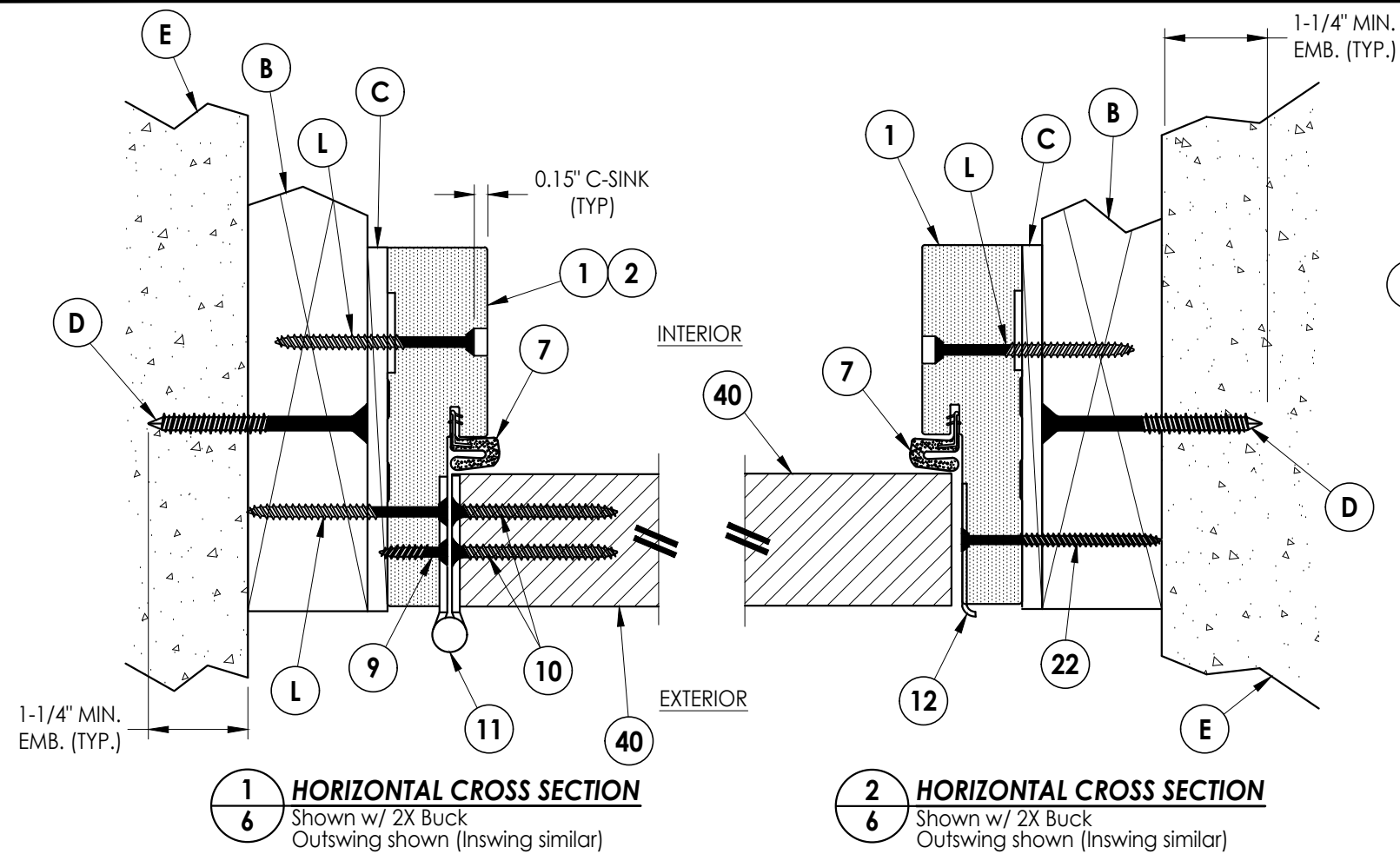
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DATE: 2/12/25												PRODUCT:		TKI PRODUCTS FIBERGLASS DOOR				PART OR ASSEMBLY:		ELEVATIONS	

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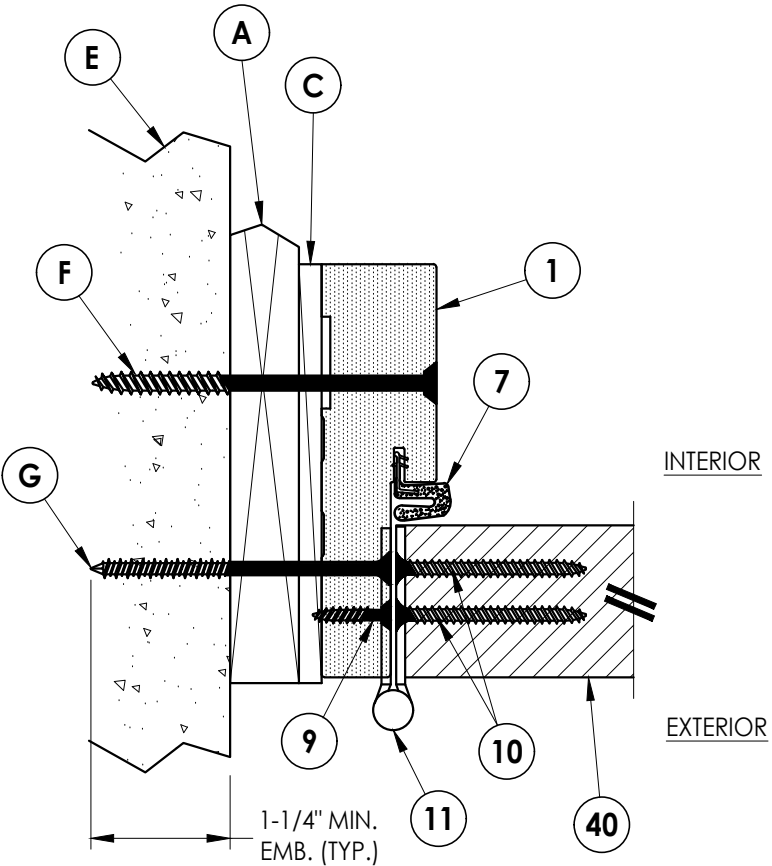
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Phone No.: 813.659.9197
FBPE Registry No. 9813



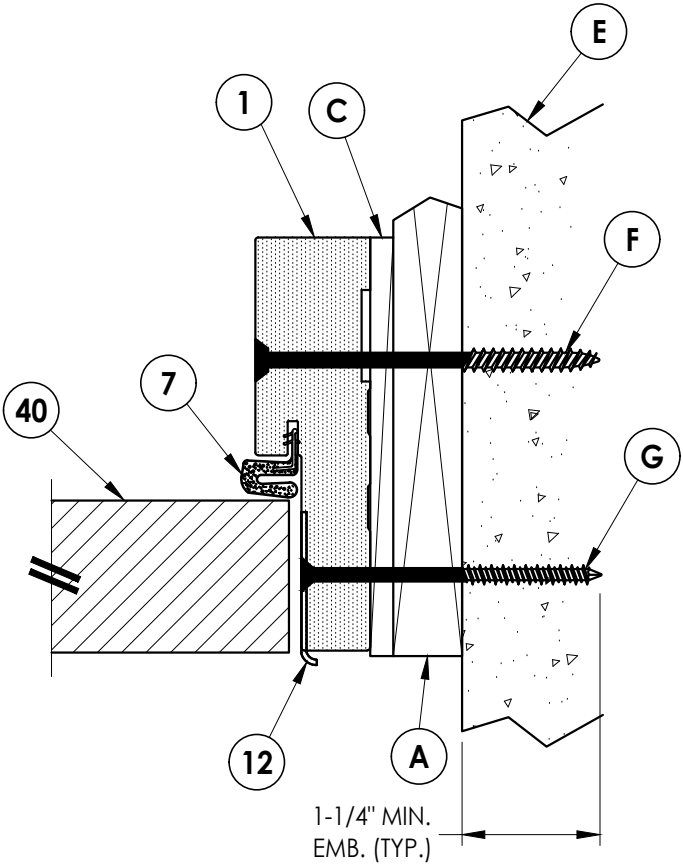
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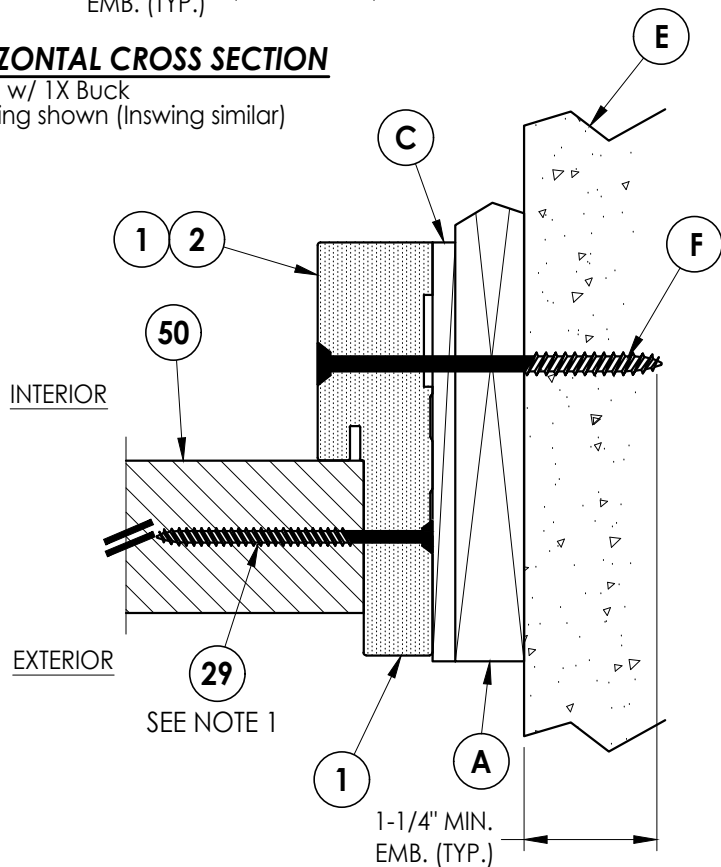
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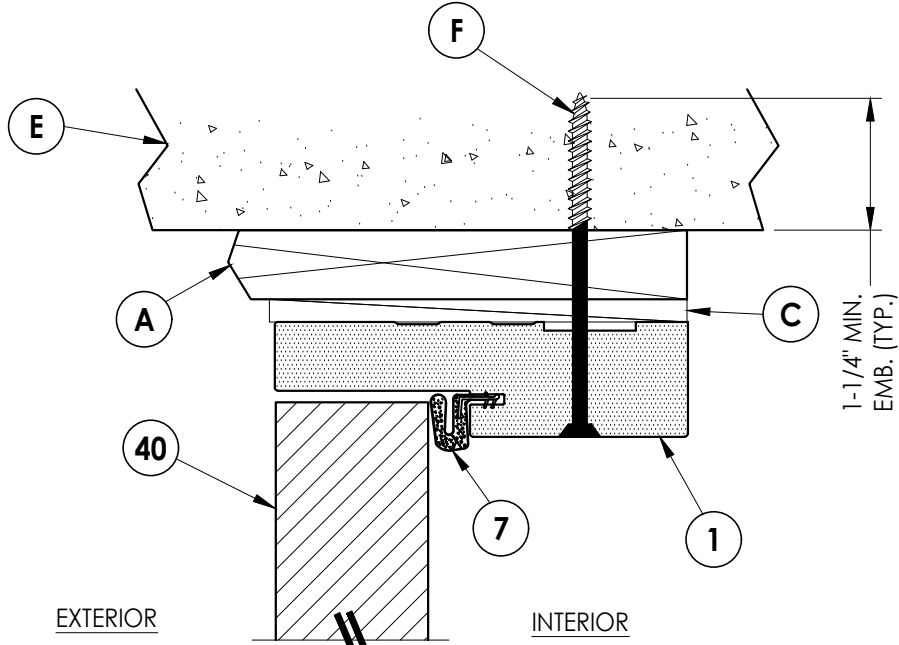
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7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



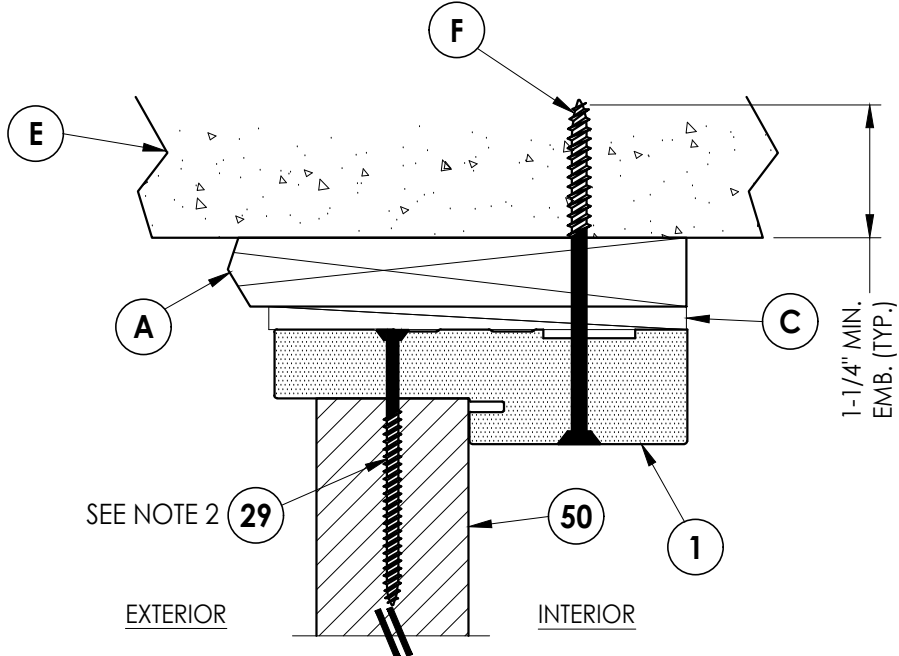
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7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Outswing shown (Inswing similar)



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 4 more screws equally spaced between (6 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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RW BUILDING CONSULTANTS, INC.
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.

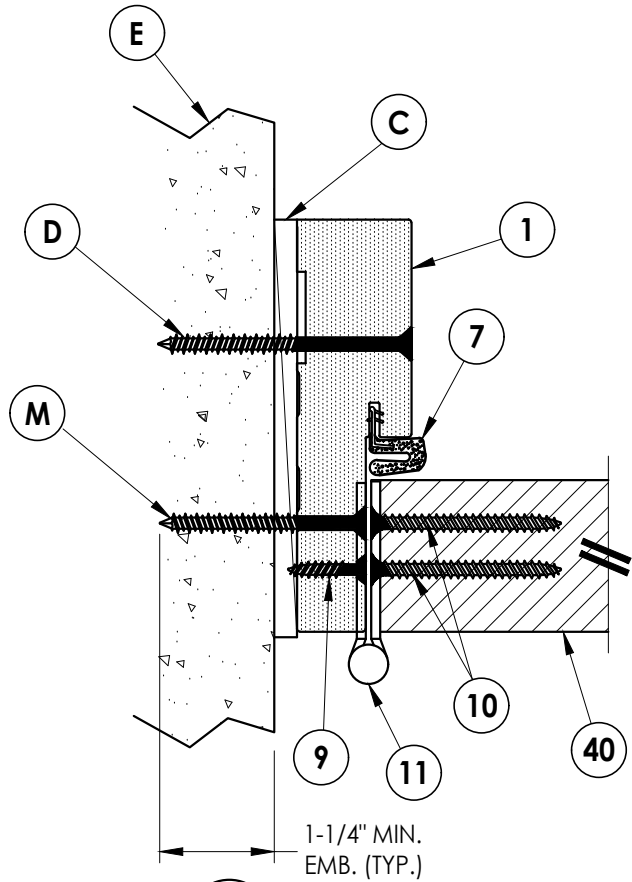
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CHK. BY: LFS

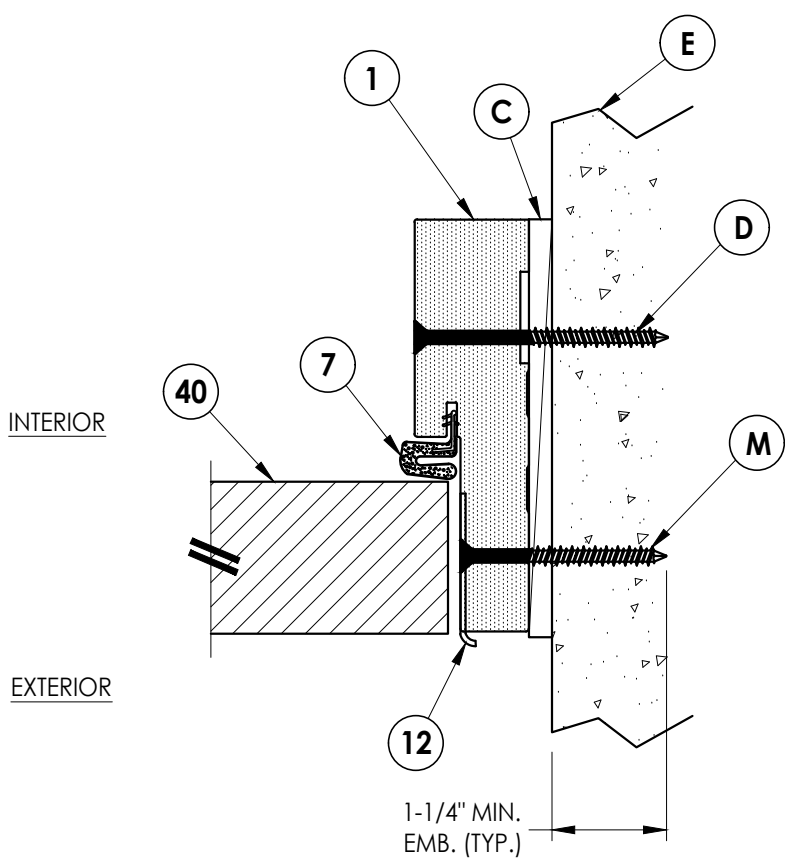
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FL-47316.1

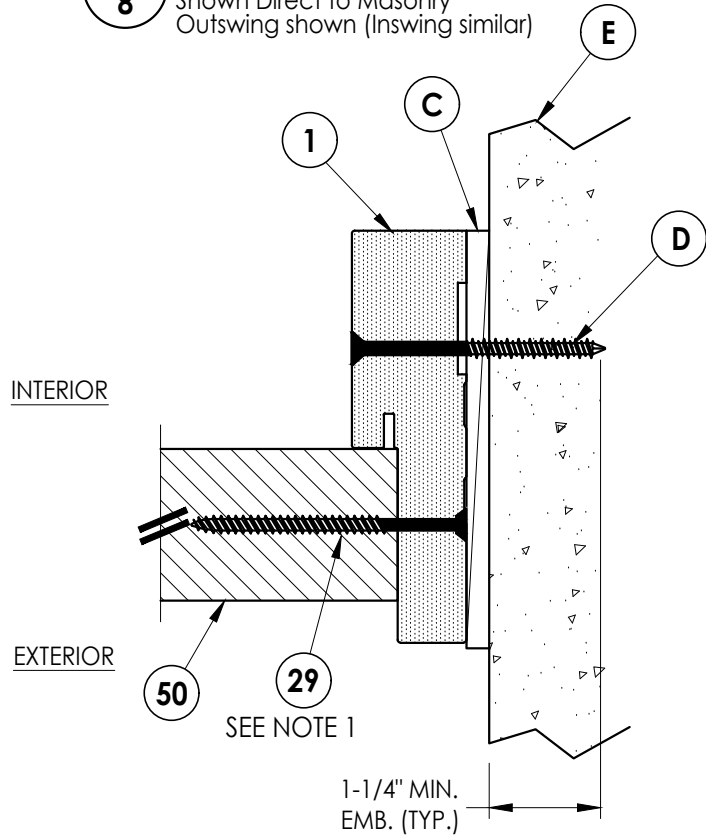
SHEET 7 OF 12



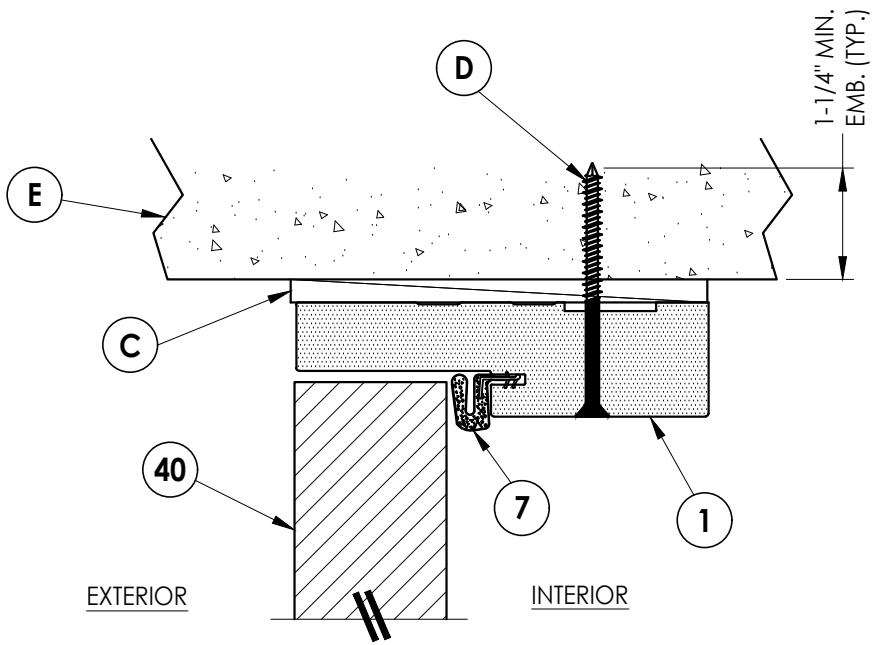
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8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



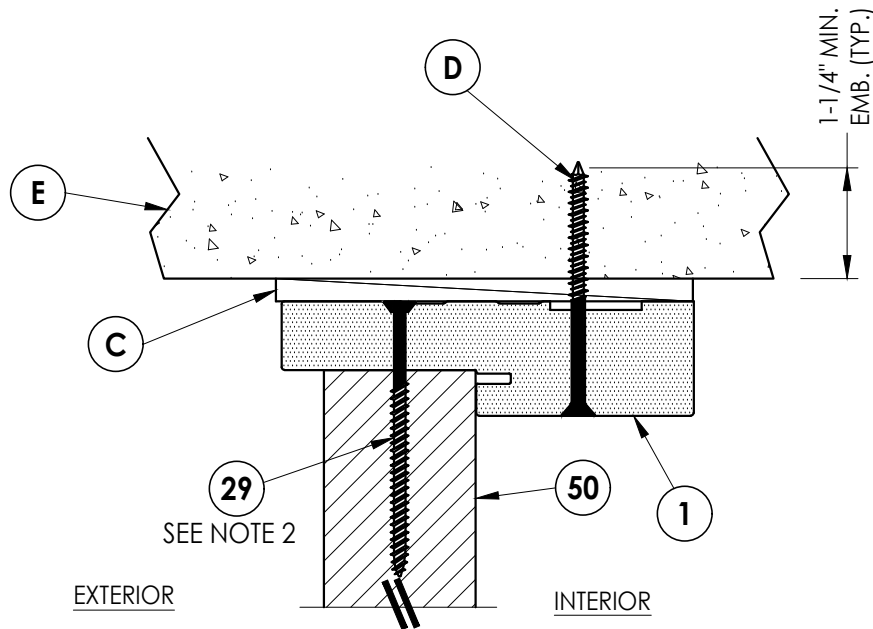
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8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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 4 more screws equally spaced between (6 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.E. No. 43409

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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)

NO.	DATE	REVISIONS	BY

DATE: 2/12/25

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-47316.1

SHEET 8 OF 12

1. Sidelite assembly screws located 3" from each end (2 screws total along head & sill).

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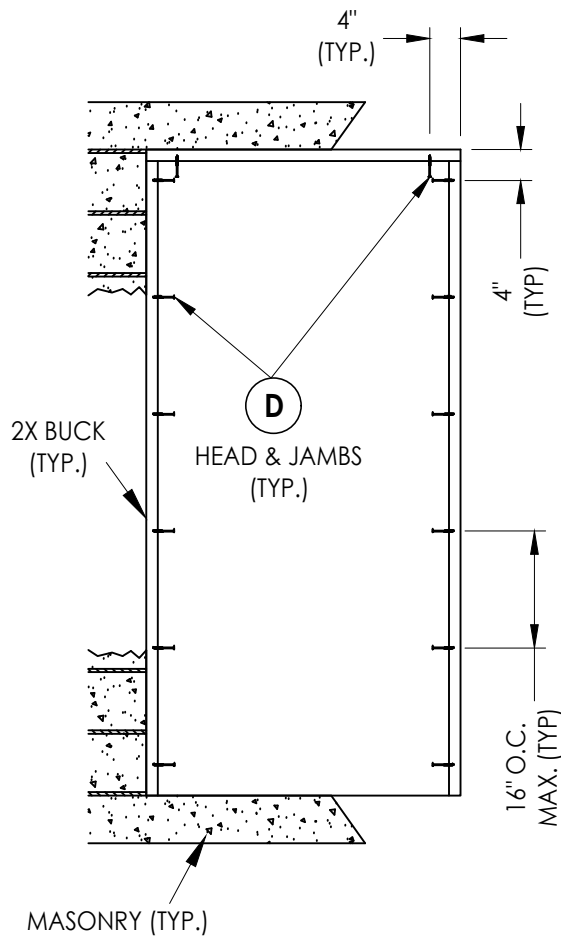
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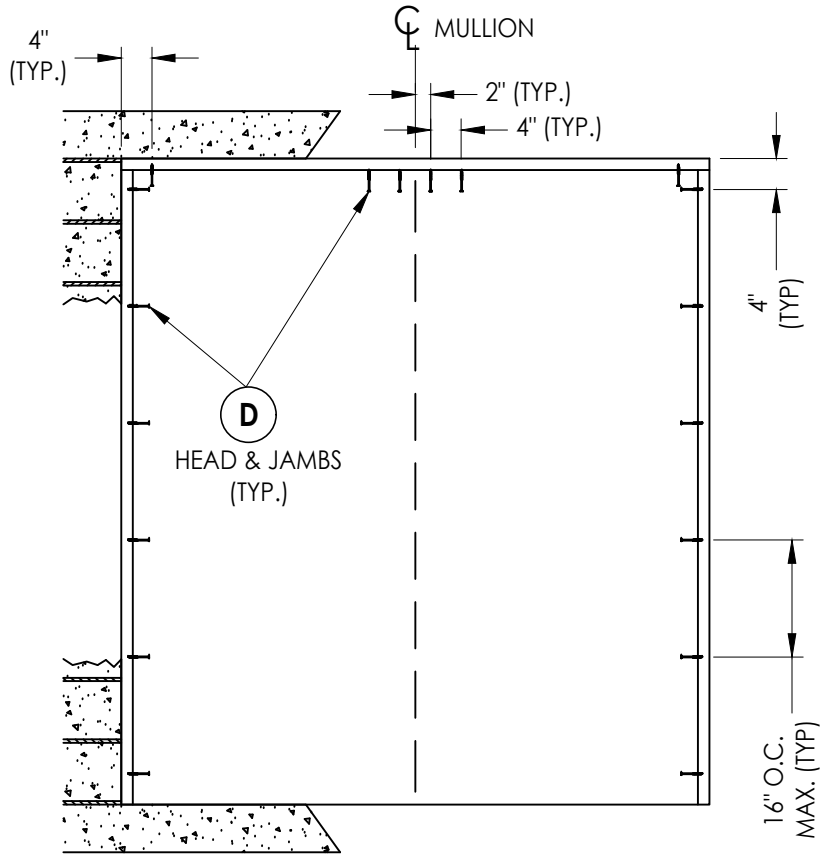
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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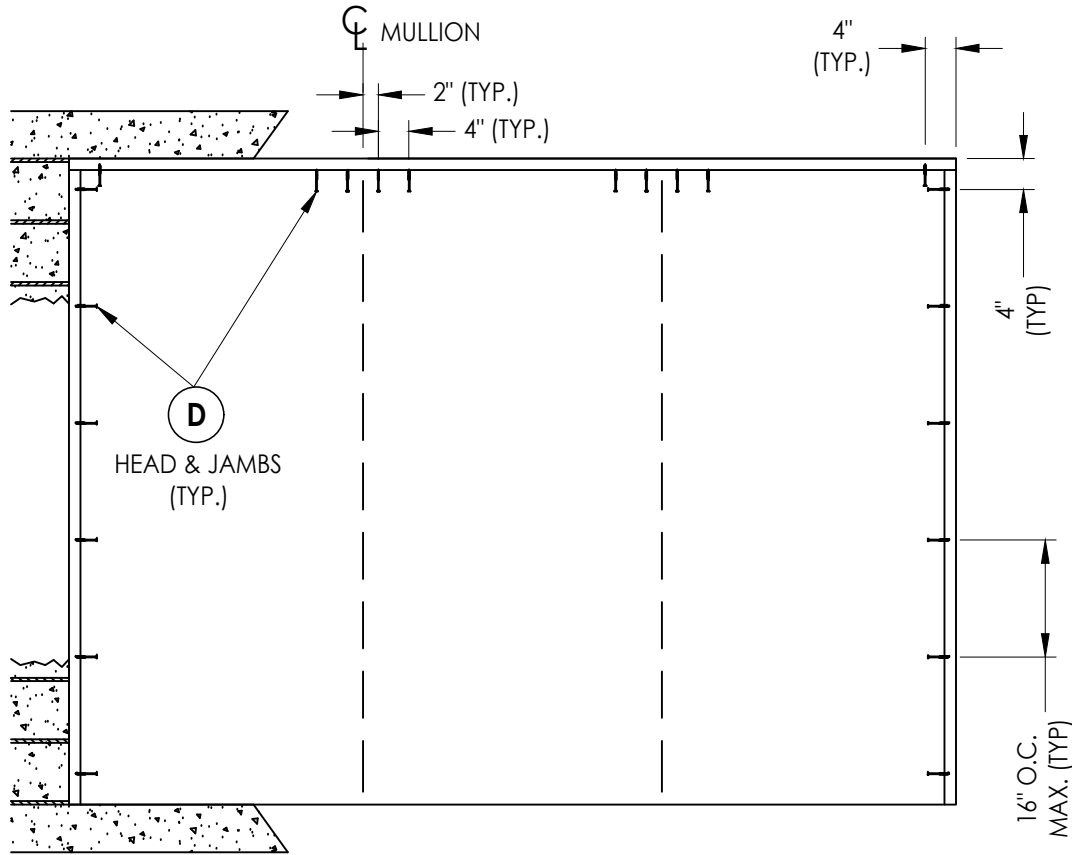
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X



XO, OX



OXO, OOX, XOO

2X BUCK ANCHORING

DATE:	2/12/25
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-47316.1
SHEET	10 OF 12

NO.	DATE	BY	REVISIONS

PRODUCT:	TKI PRODUCTS FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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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	-

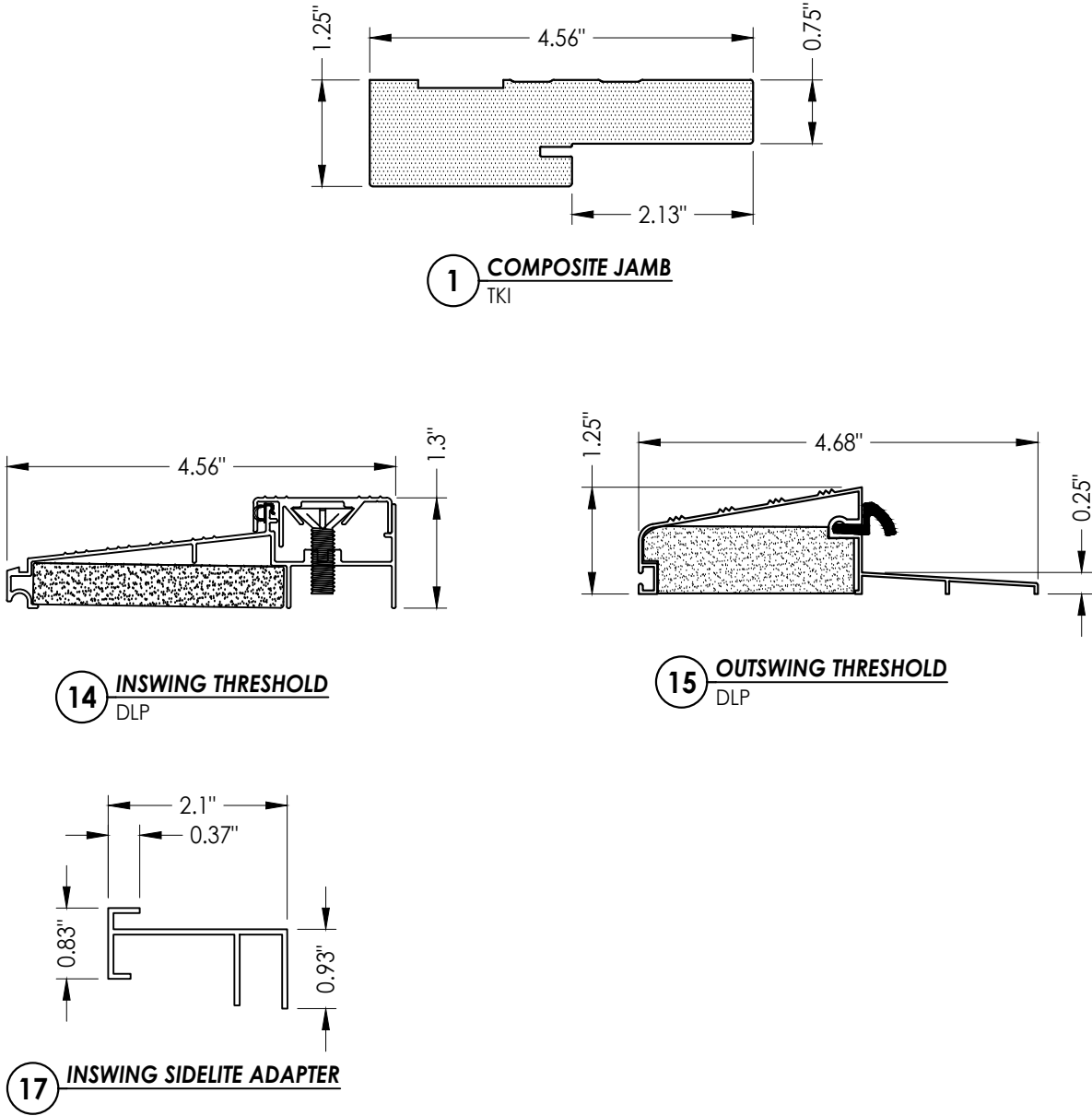
CONCRETE ANCHOR NOTES:

- 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-47316.1

SHEET 12 OF 12