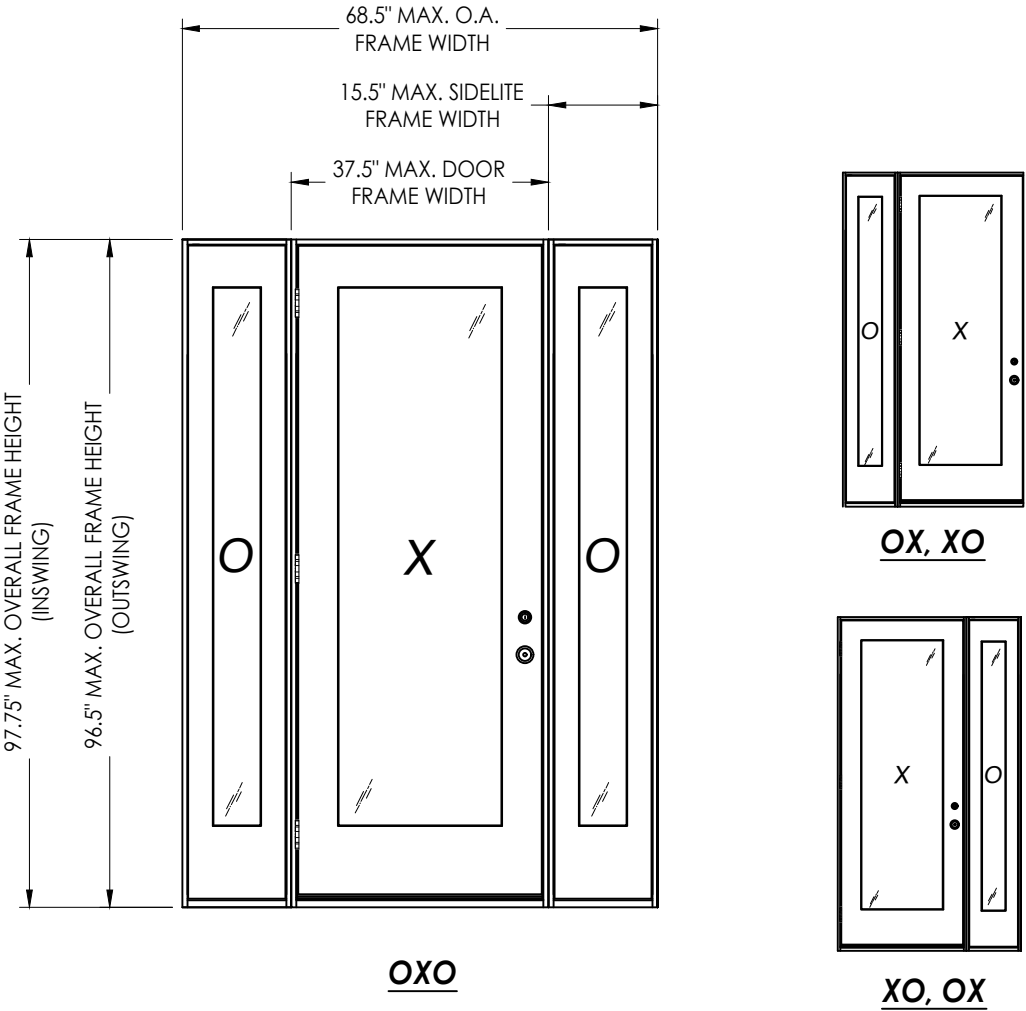


THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

**FLUSH GLAZED FIBERGLASS DOOR
SINGLE w/ SIDELITE(S)
INSWING/OUTSWING
"IMPACT"**

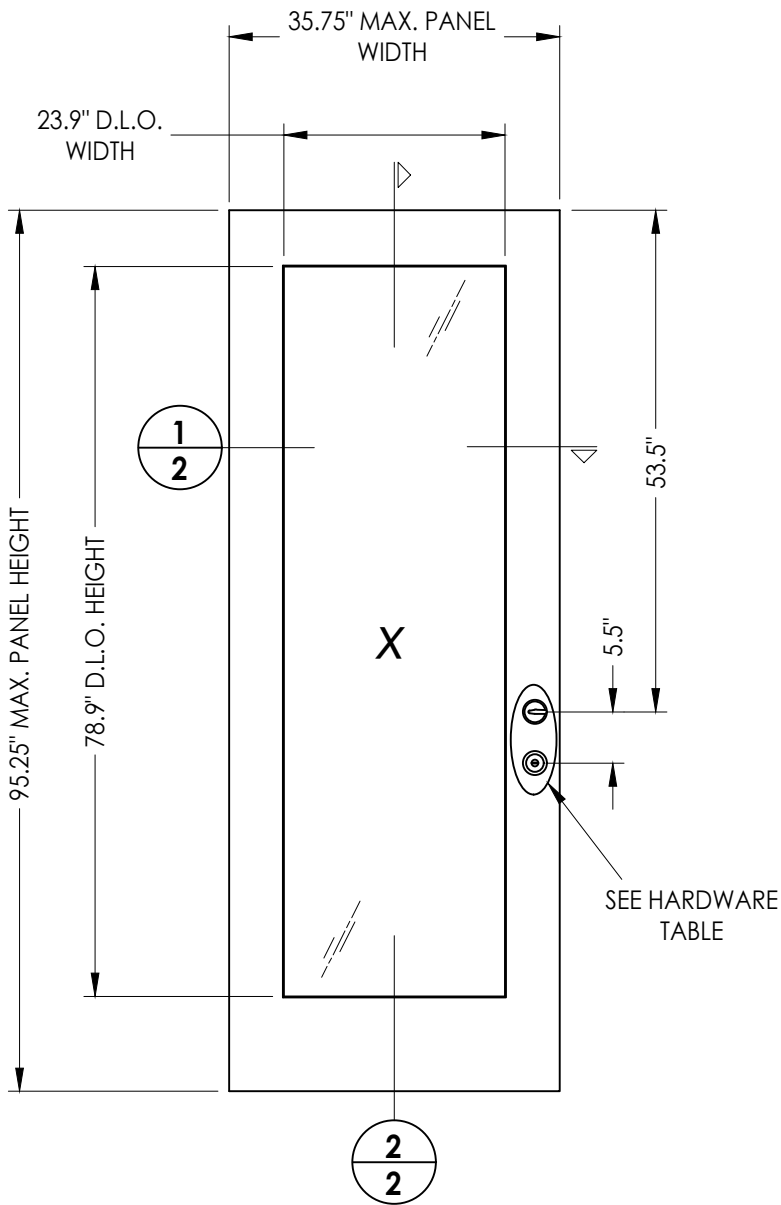
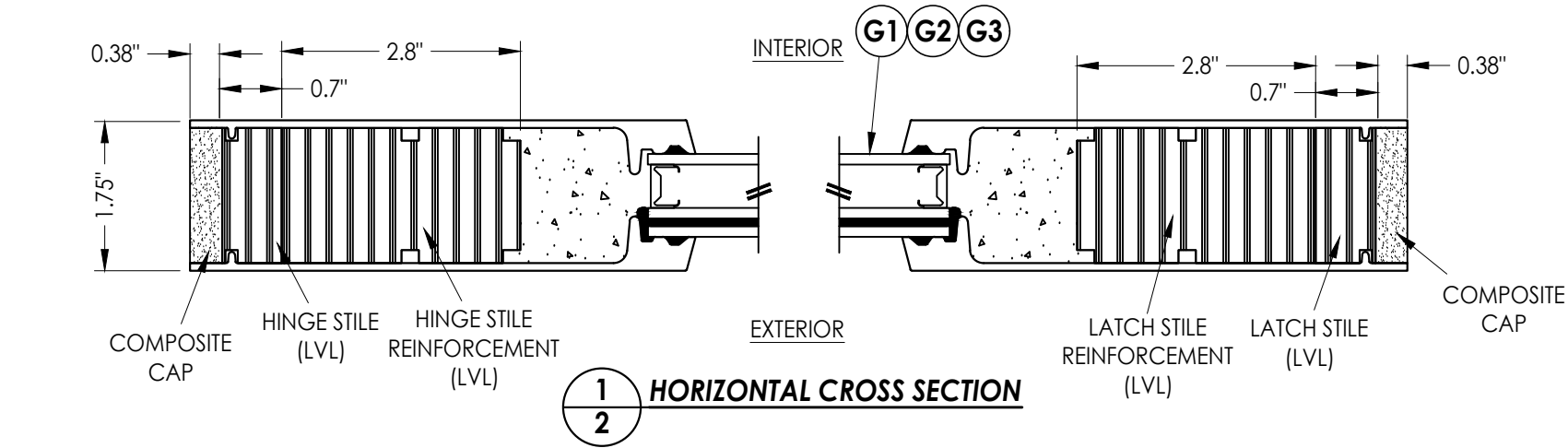
7. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 excludes Wind Zone 4 as defined in ASTM E 1996 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.



CONFIGURATION	MAX. FRAME DIMENSION	JAMB MATERIAL	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO	53.0" x 97.75"	WOOD	+40.0	-45.0	+40.0	-40.0
OXO	68.5" x 97.75"		+40.0	-45.0	+40.0	-40.0
OX, XO	53.0" x 97.75"	COMPOSITE	+40.0	-45.0	+45.0	-45.0
OXO	68.5" x 97.75"		+40.0	-45.0	+45.0	-45.0

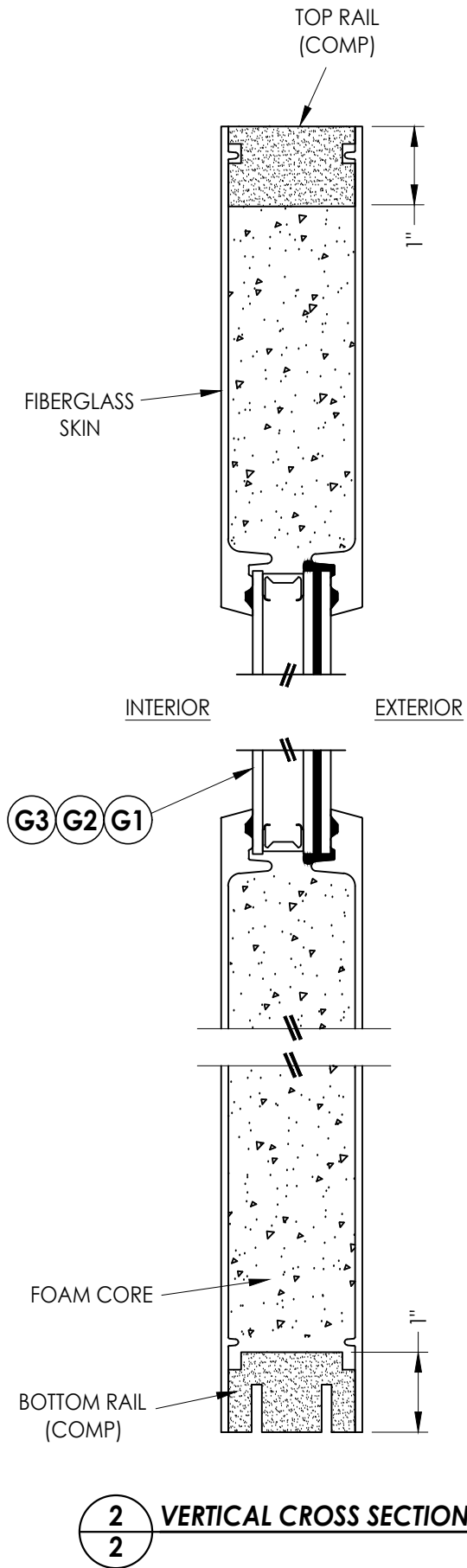
[illegible]

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FIBERGLASS SKIN: 0.090" MIN. THK.
FOAM CORE: POLYSTYRENE

HARDWARE CHART		
MANUFACTURER	MODEL	
Kwikset	Knob:	Signature Series
	Deadbolt:	Signature Series (980)
Schlage	Knob:	F Series
	Deadbolt:	B60 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: ODL
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR
PANEL DETAILS

REVISIONS	
NO.	DATE
1	1/20/25
ADD ALT. GLAZING	
LFS	BY

DATE: 5/14/24

SCALE: N.T.S.

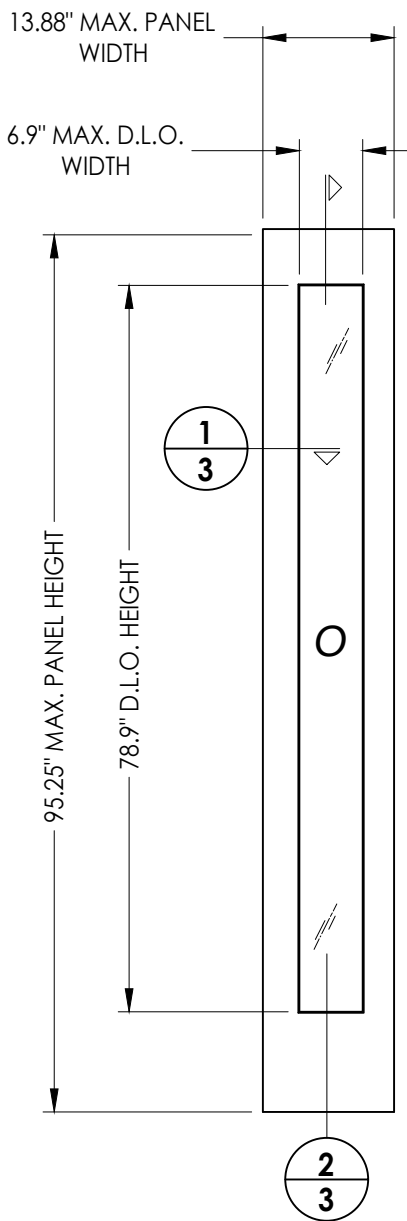
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

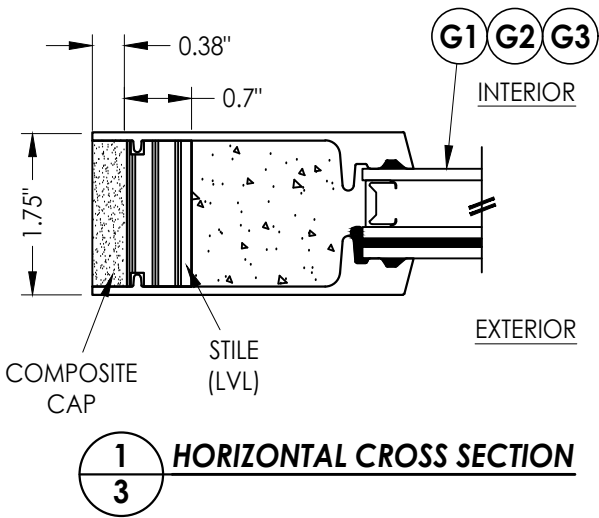
FL-46121.8

SHEET 2 OF 13

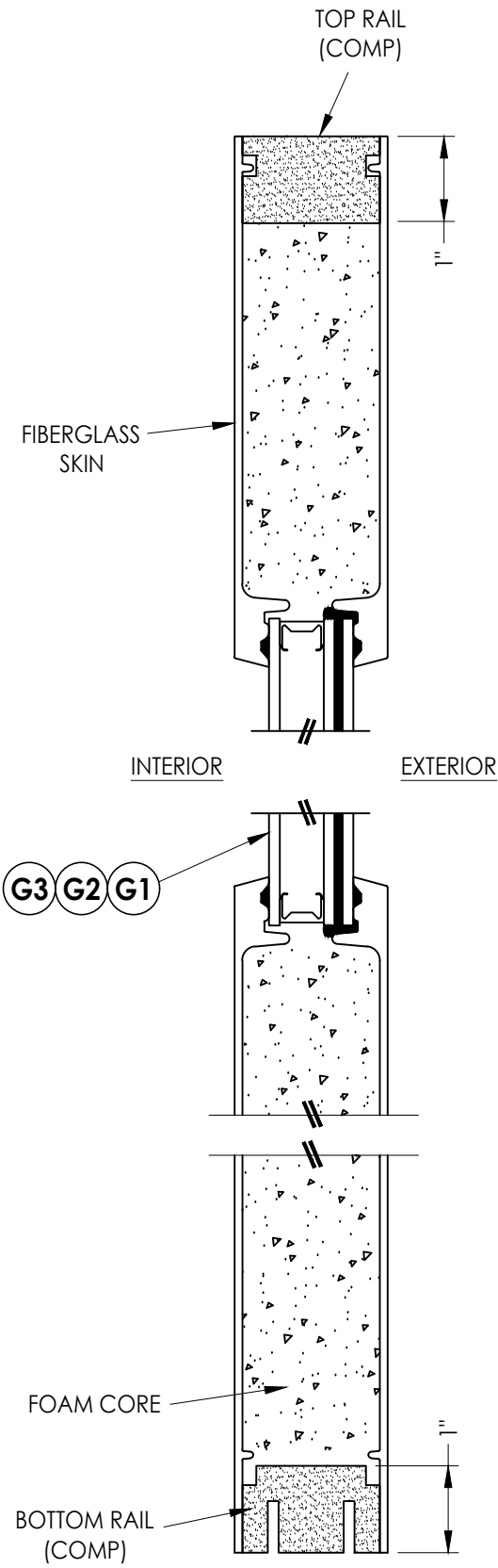


50 FIBERGLASS SIDELITE PANEL
ODL FLUSH GLAZED

FIBERGLASS SKIN: 0.070" MIN. THK.
FOAM CORE: POLYSTYRENE



HORIZONTAL CROSS SECTION



2 VERTICAL CROSS SECTION

1	1/20/25	ADD ALT. GLAZING		LFS	
NO.	DATE			BY	
REVISIONS					

DATE:	5/14/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46121.8
SHEET	<u>3</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

DECORATIVE

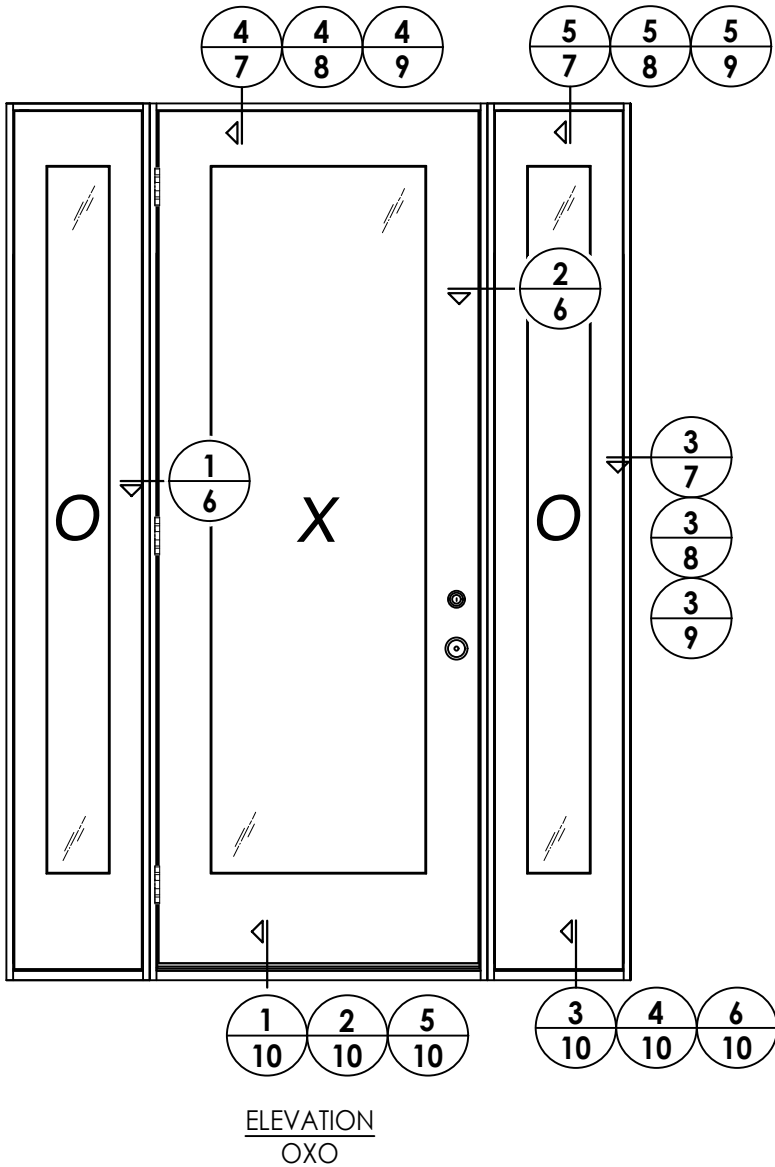
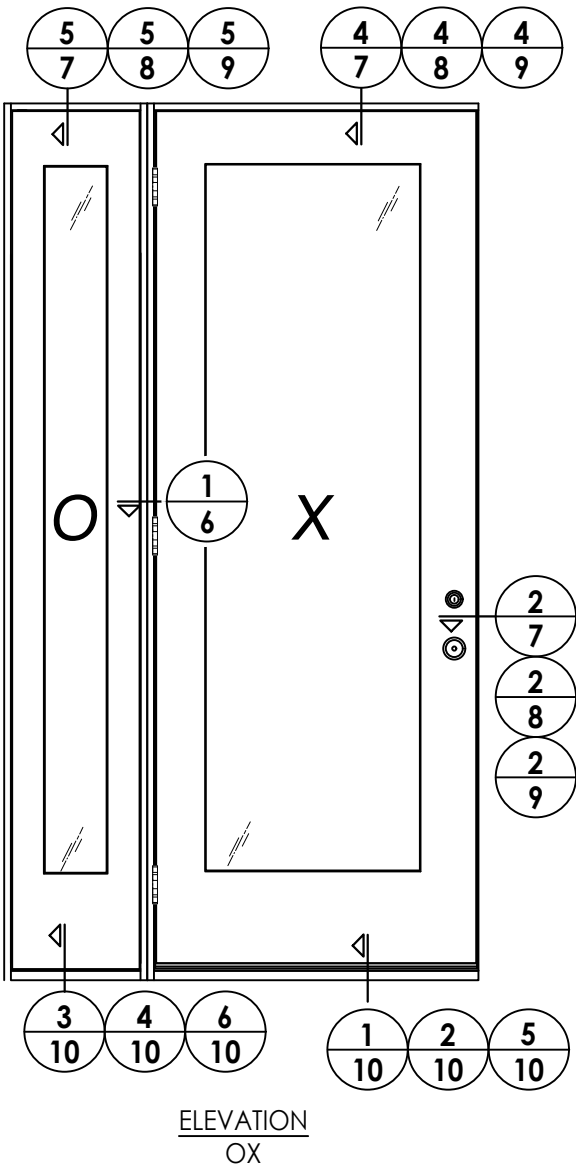
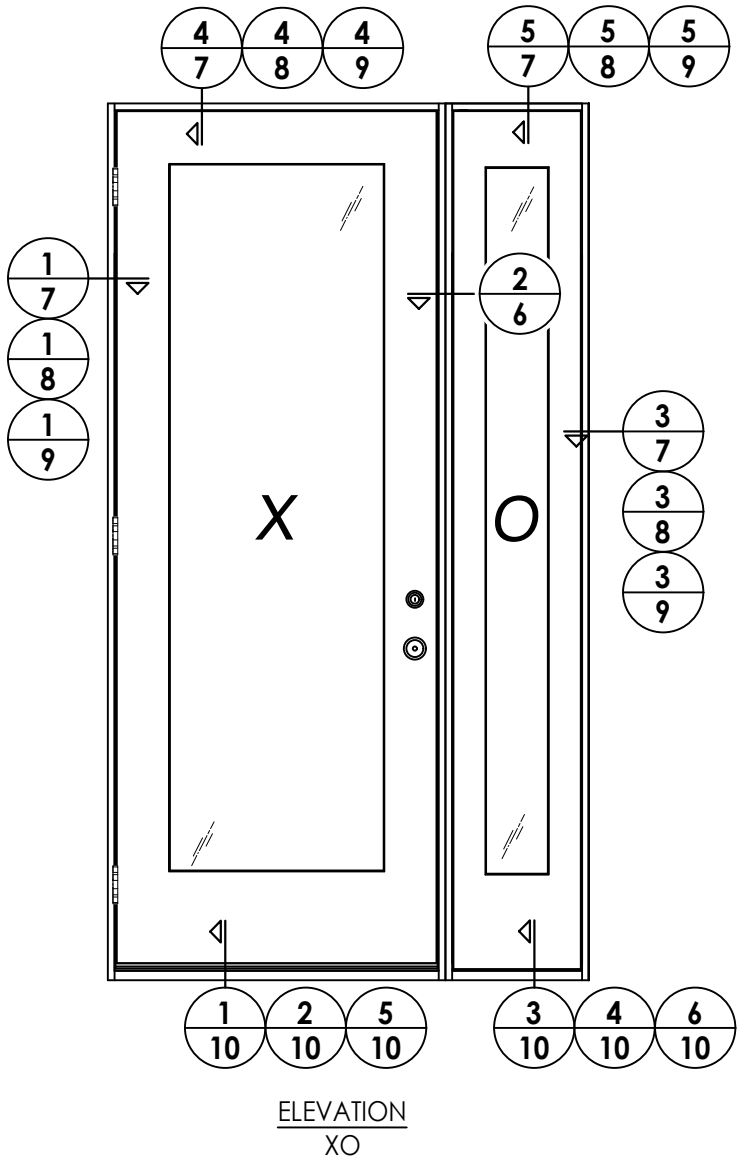
G1 GLAZING DETAIL
CLEAR GLASS

G2 GLAZING DETAIL
GRIDS BETWEEN GLASS

G3 GLAZING DETAIL
DECORATIVE GLASS

[illegible]

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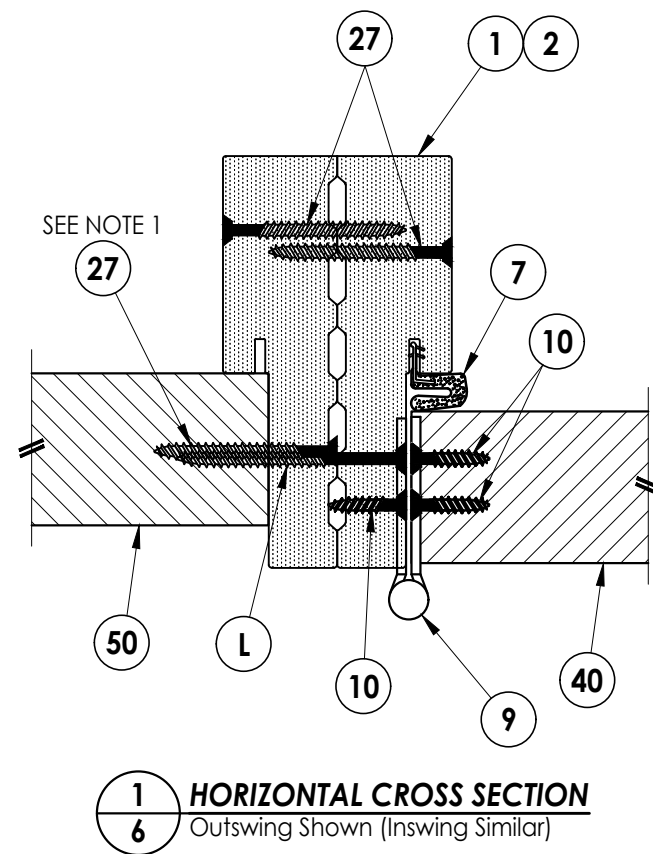


DATE: 5/14/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46121.8
SHEET 5 OF 13

NO	DATE	REVISIONS	
		LFS	BY
1	1/20/25	ADD ALT. GLAZING	

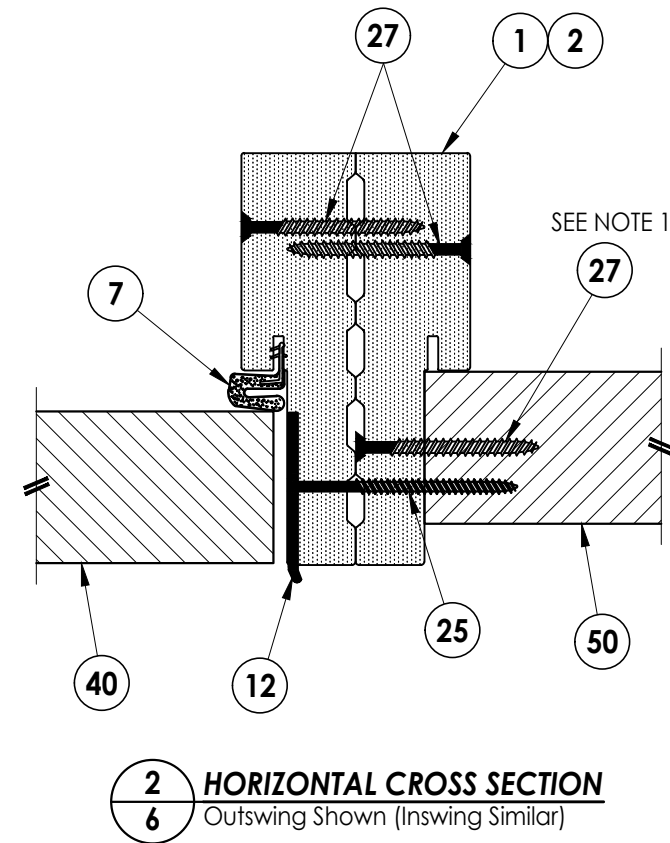
PRODUCT:	ODL FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

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



INTERIOR

EXTERIOR

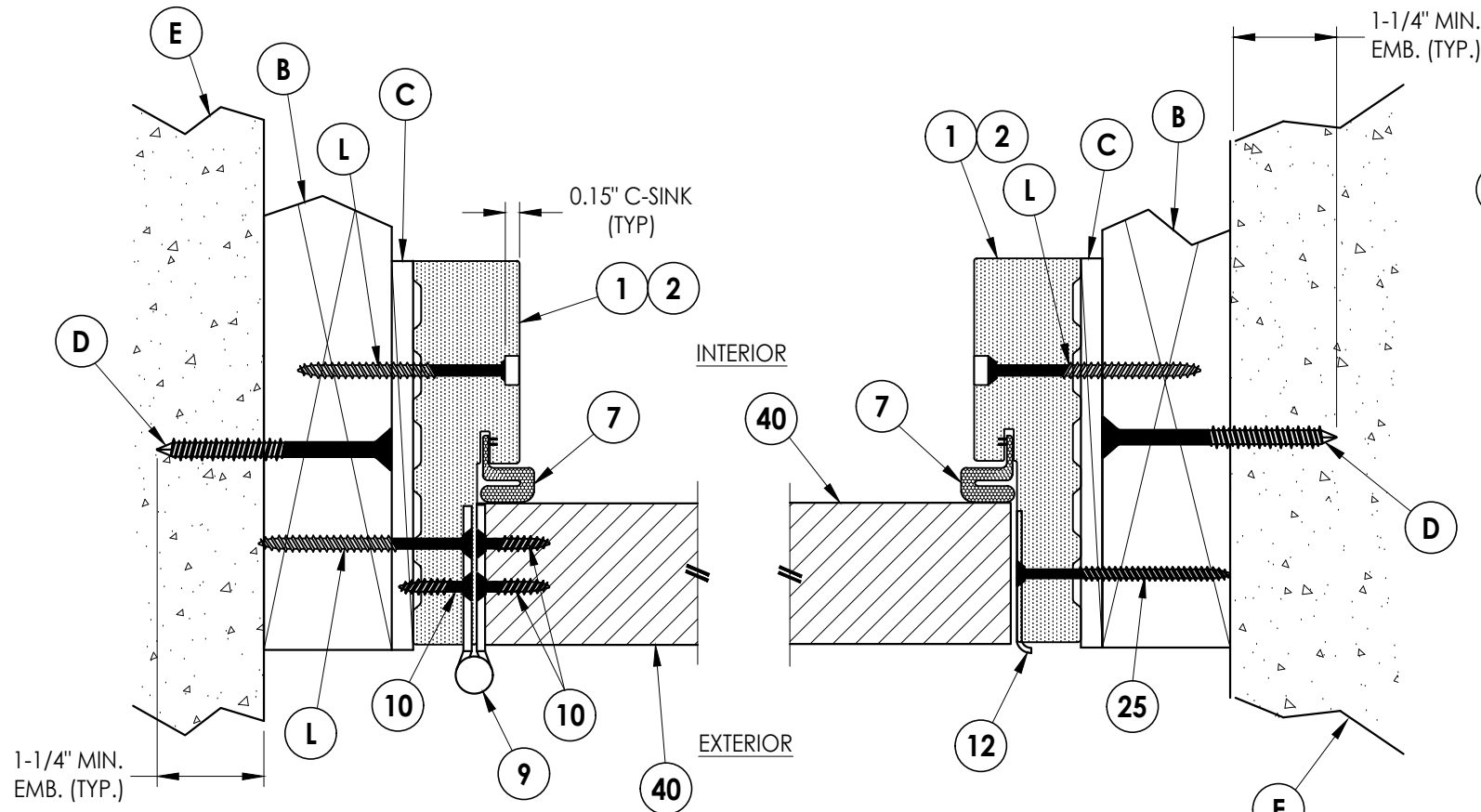


NOTE:

1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).

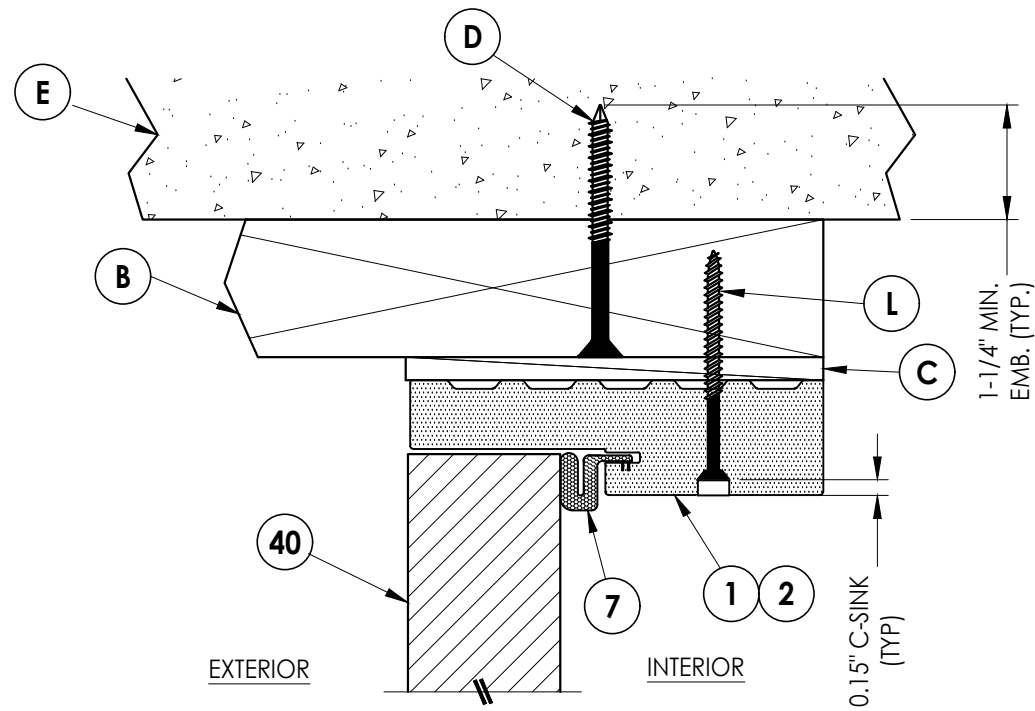
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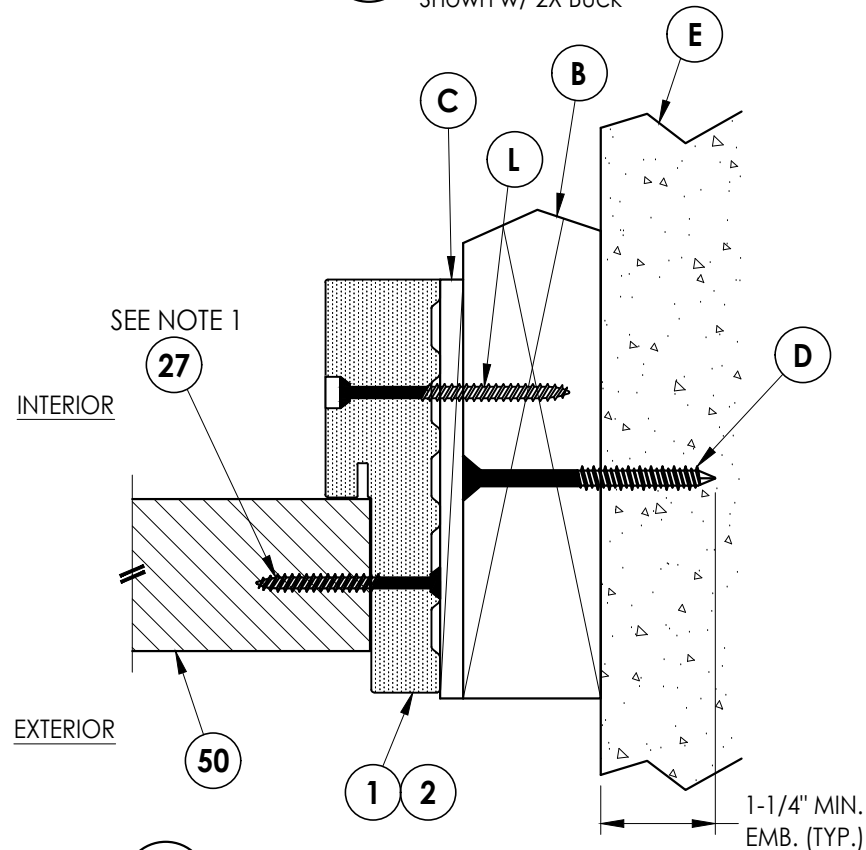


1
7 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 2X Buck

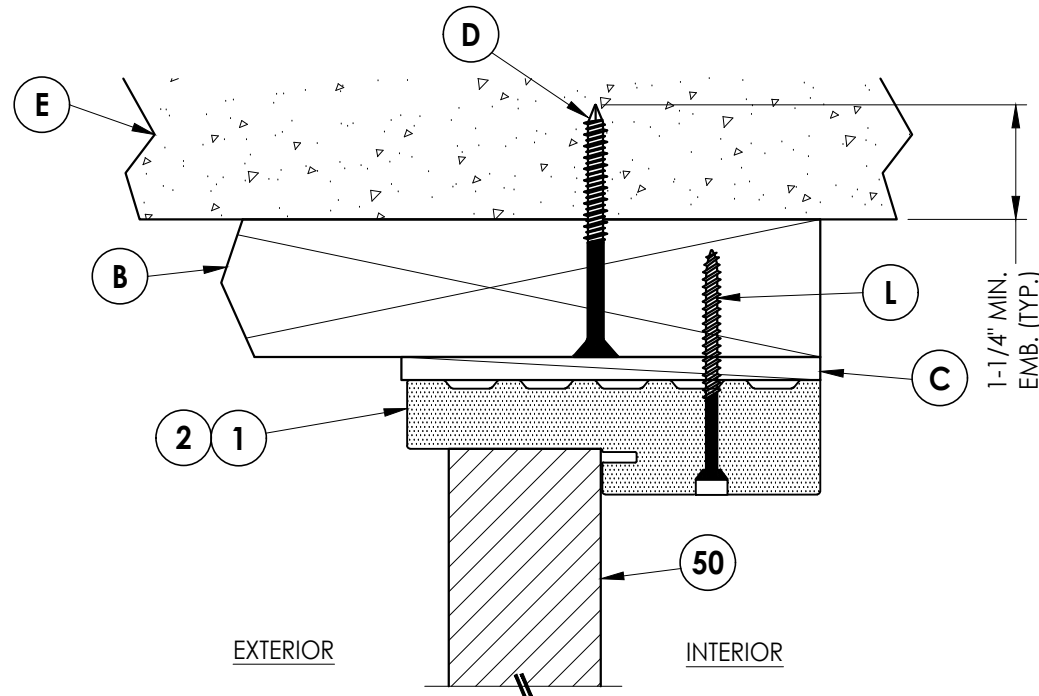
2
7 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 2X Buck



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



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



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

NOTE:

1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH
END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).

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: ODL
FIBERGLASS DOOR

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

NO.	DATE	ADD ALT.	GLAZING	BY	REVISIONS
1	1/20/25			LFS	

DATE: 5/14/24

SCALE: N.T.S.

DWG. BY: LFS

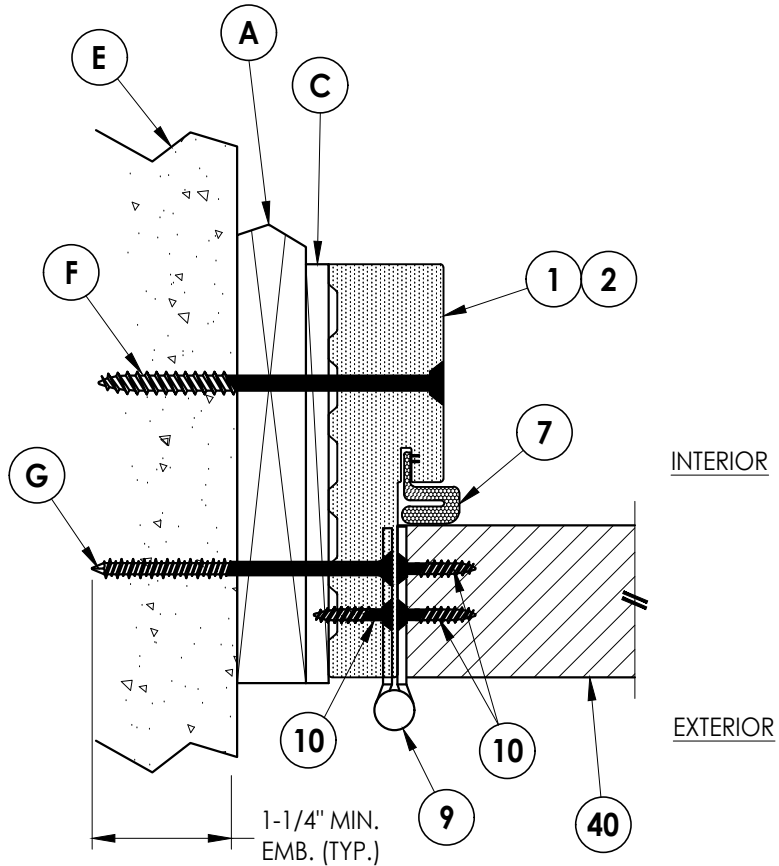
CHK. BY: RW

DRAWING NO.:

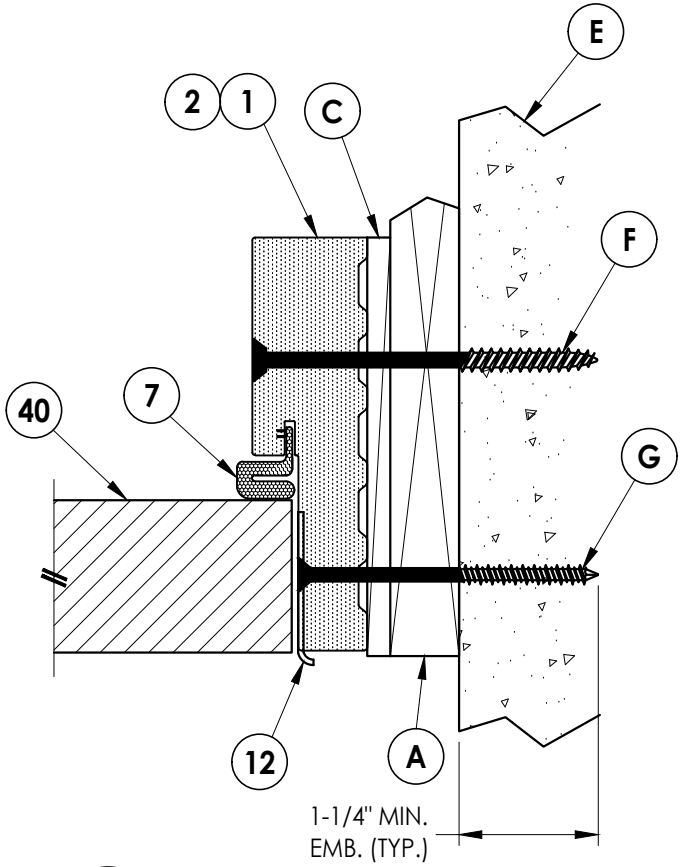
FL-46121.8

SHEET 7 OF 13

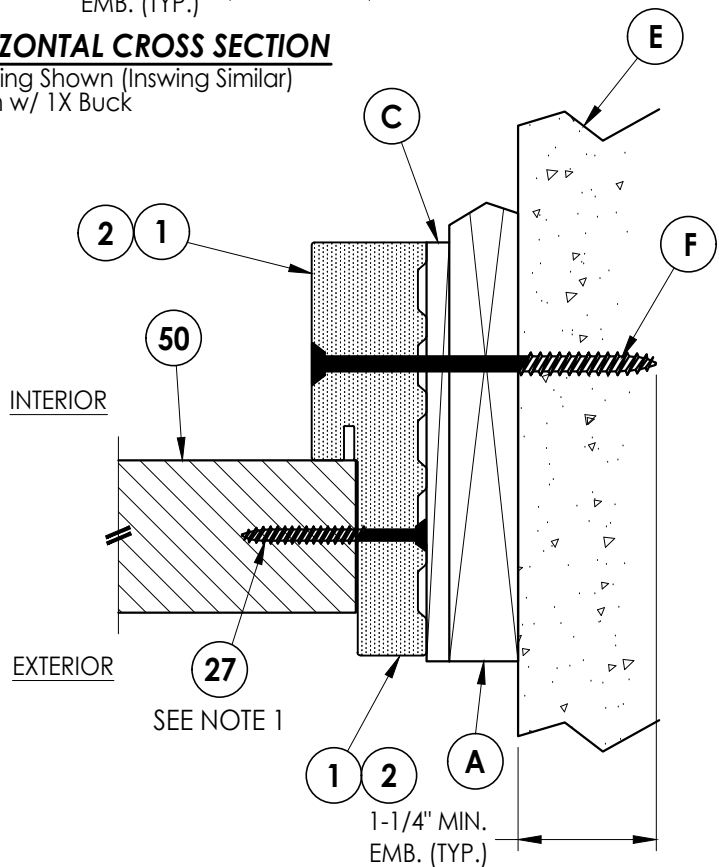
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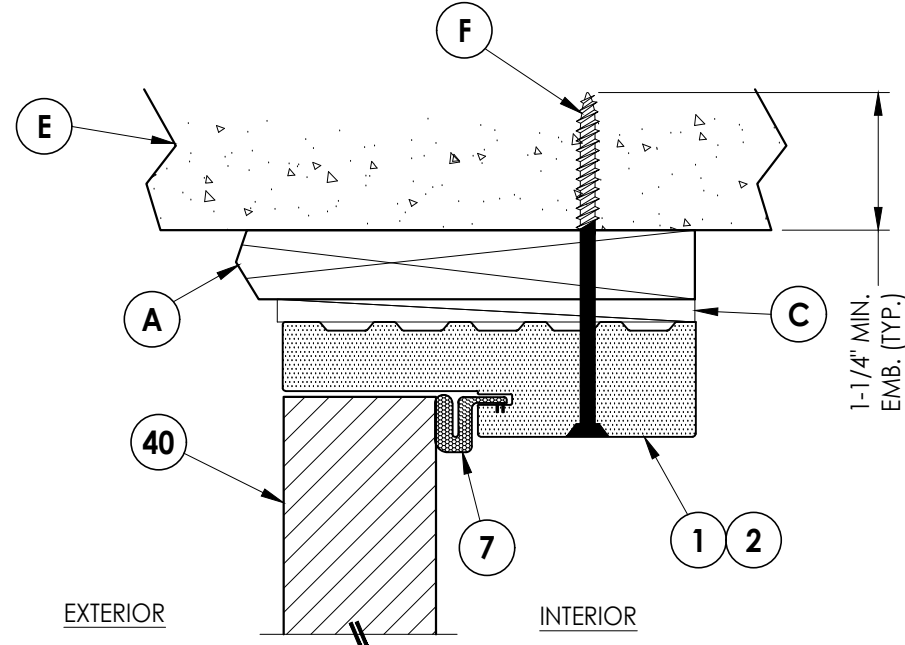
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8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



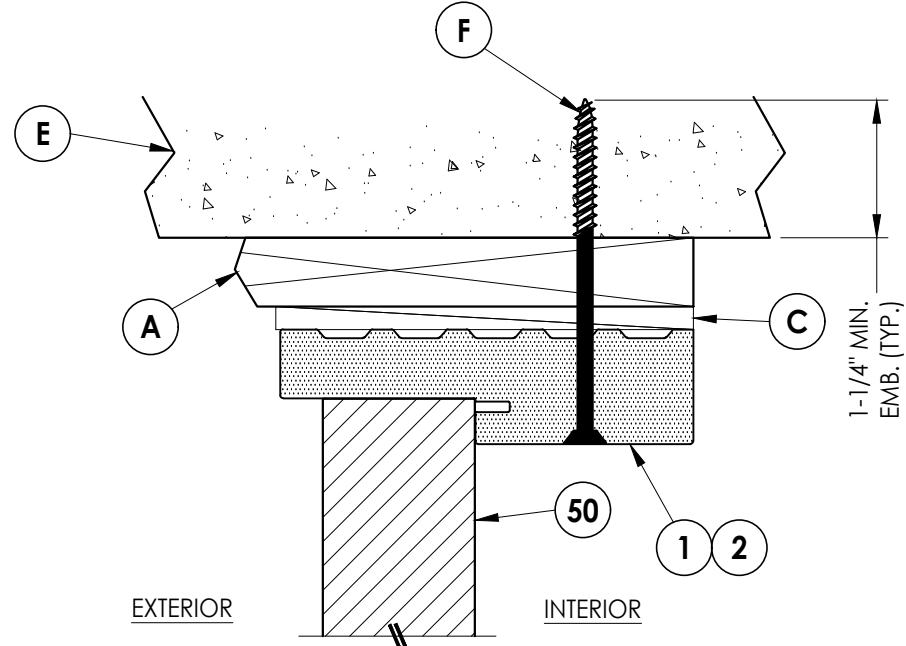
2
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



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



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

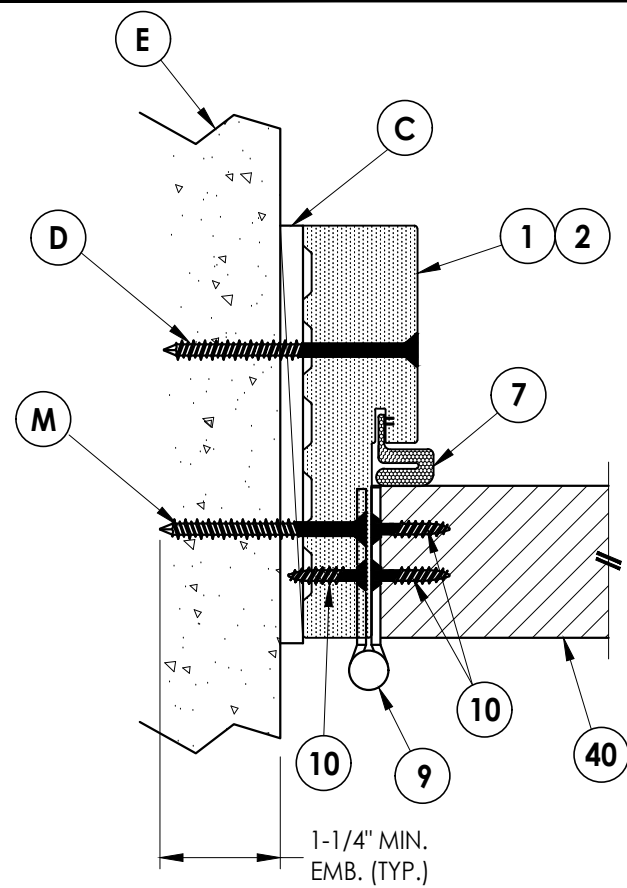
NOTE:

1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH
END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).

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

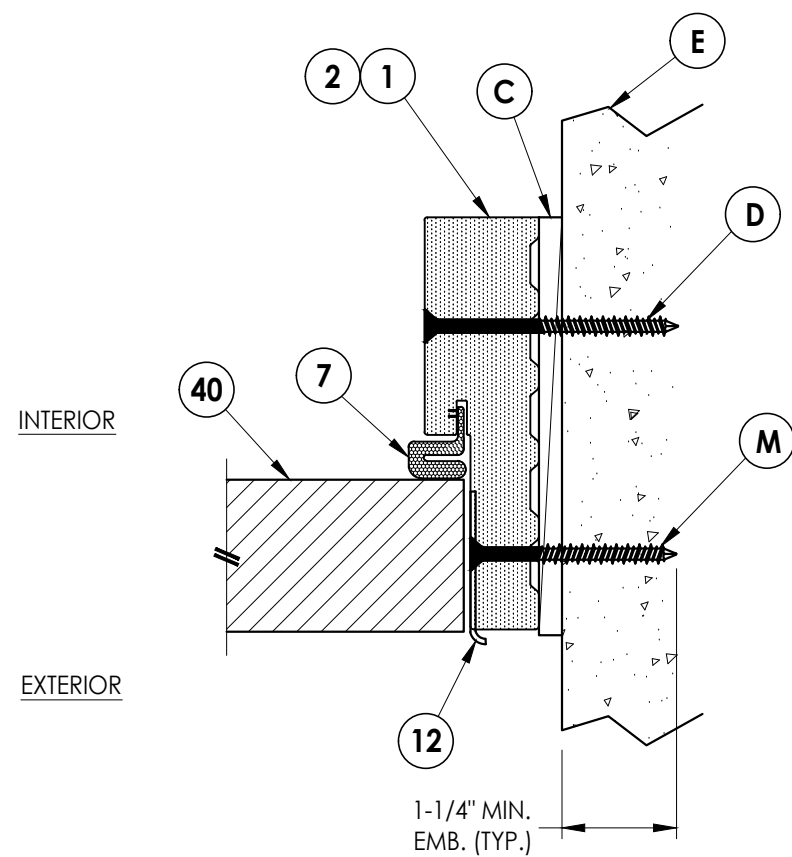
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		ODL FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
NO.	DATE	ADD. ALT.	GLAZING
1	1/20/25		
REVISIONS			
DATE: 5/14/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46121.8			
SHEET 8 OF 13			

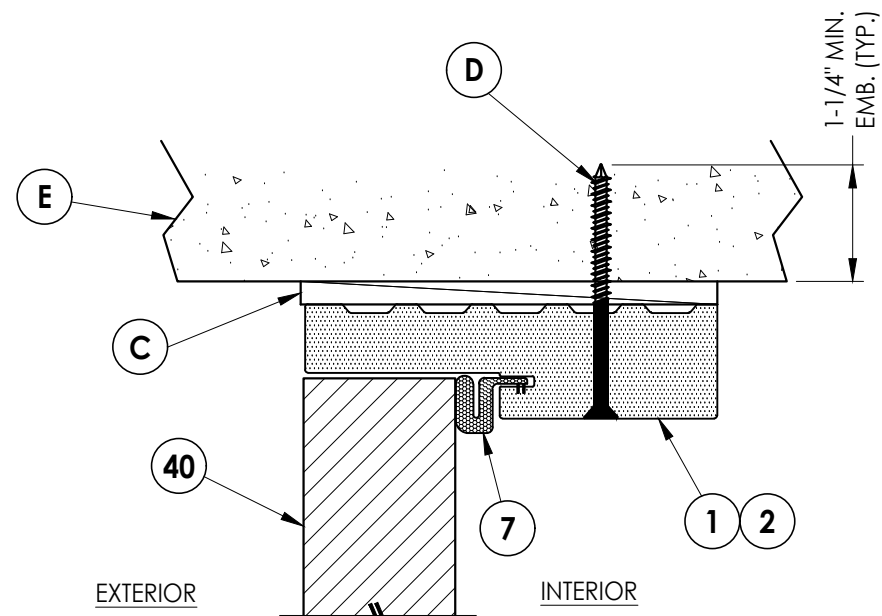


1 9 HORIZONTAL CROSS SECTION

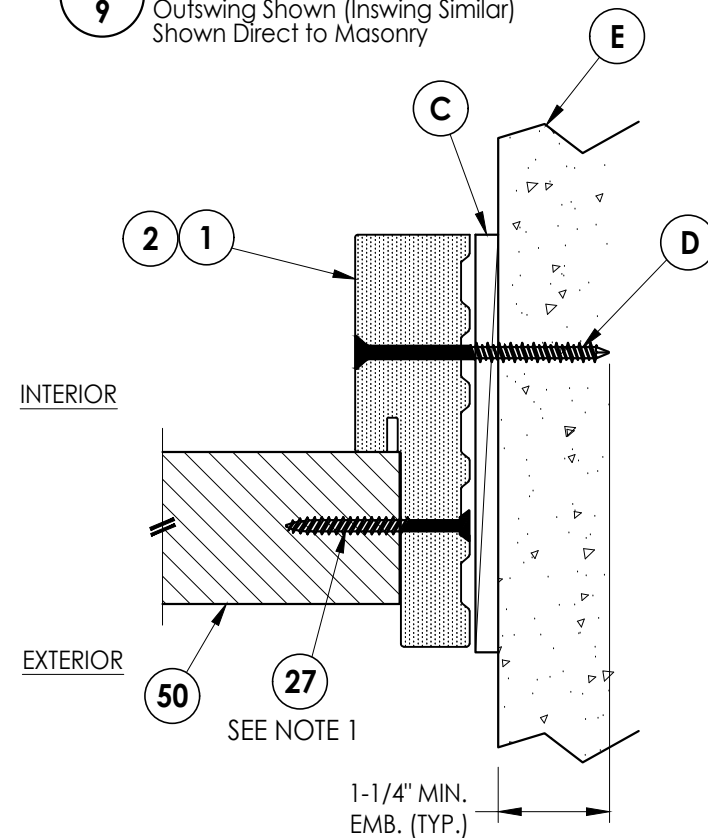
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



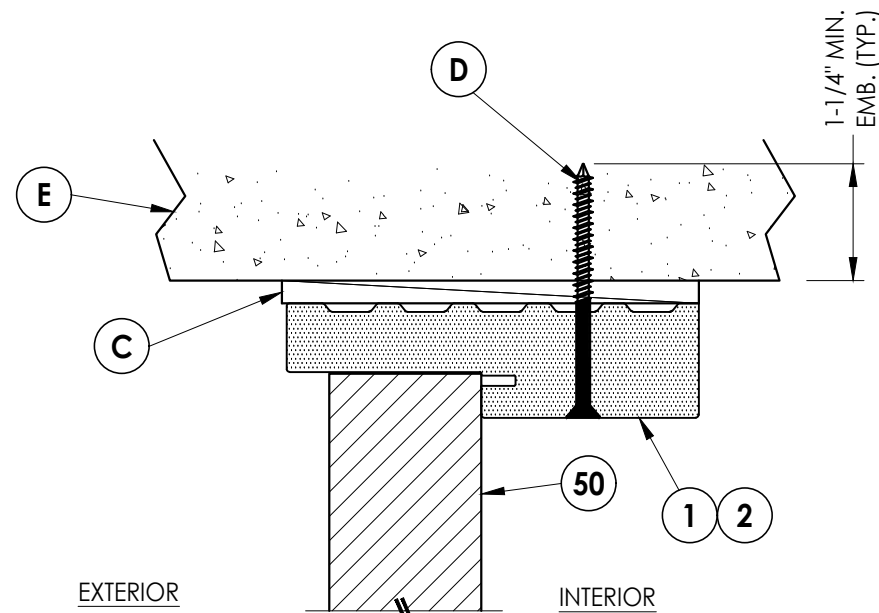
2 **HORIZONTAL CROSS SECTION**
9 Outswing Shown (Inswing Similar)
 Shown Direct to Masonry



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



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



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

NOTE:

1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH
END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).

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: ODL
FIBERGLASS DOOR

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

1	1/20/25	ADD ALT. GLAZING	LFS	
NO.	DATE		BY	
REVISIONS				

DATE: 5/14/24

SCALE: N.T.S.

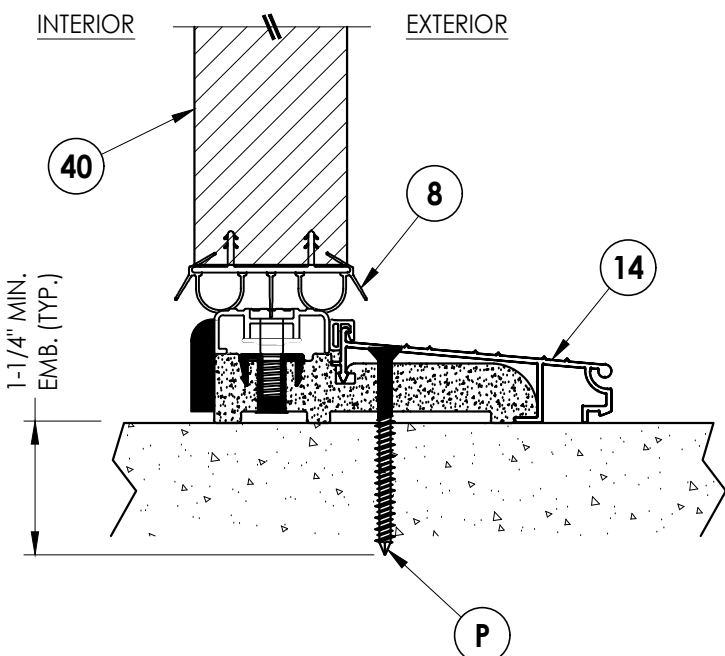
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CHK. BY: RW

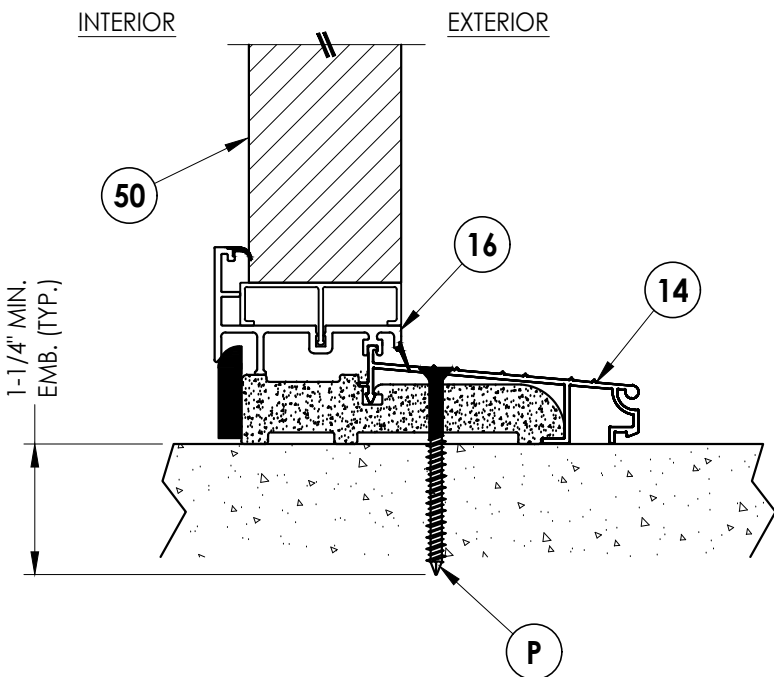
DRAWING NO.:
FL-46121.8

SHEET 9 OF 13

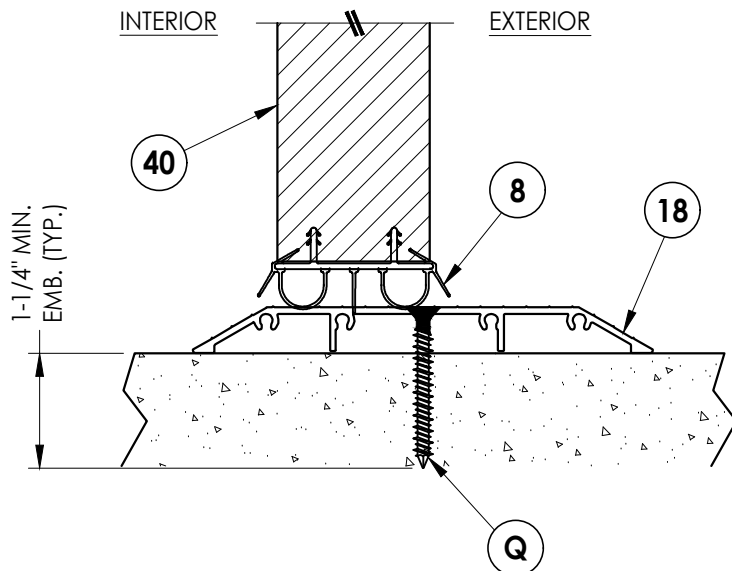
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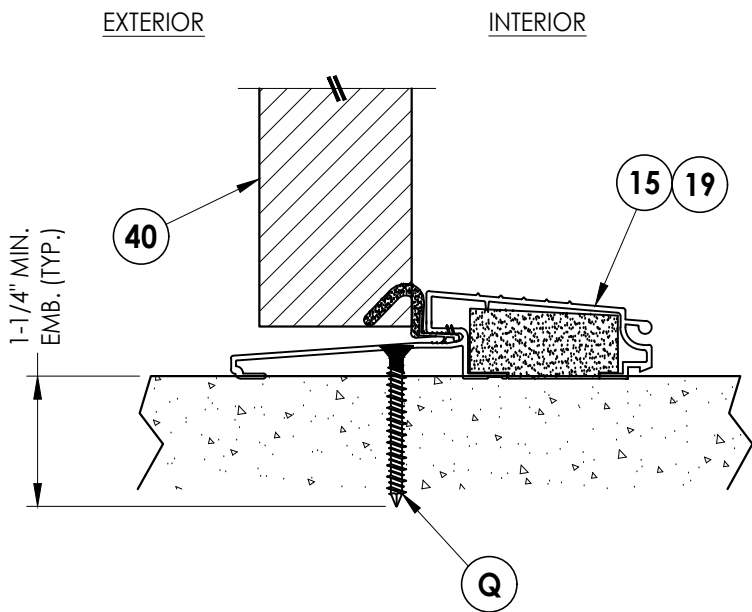
1
10 VERTICAL CROSS SECTION
Inswing Sill



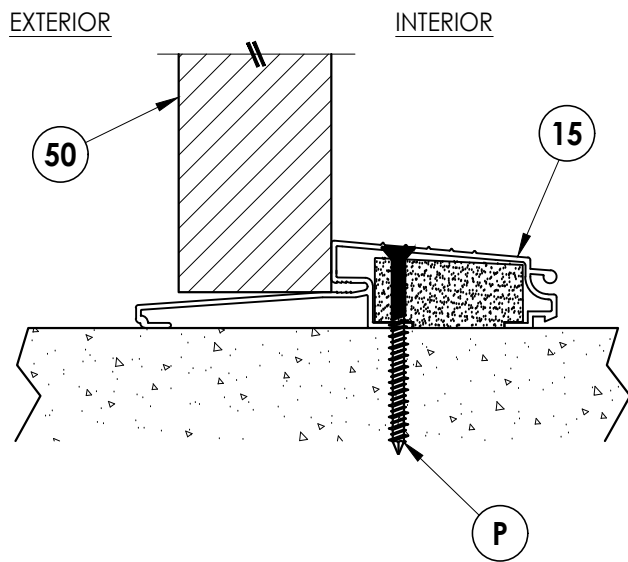
3
10 VERTICAL CROSS SECTION
Inswing Sill



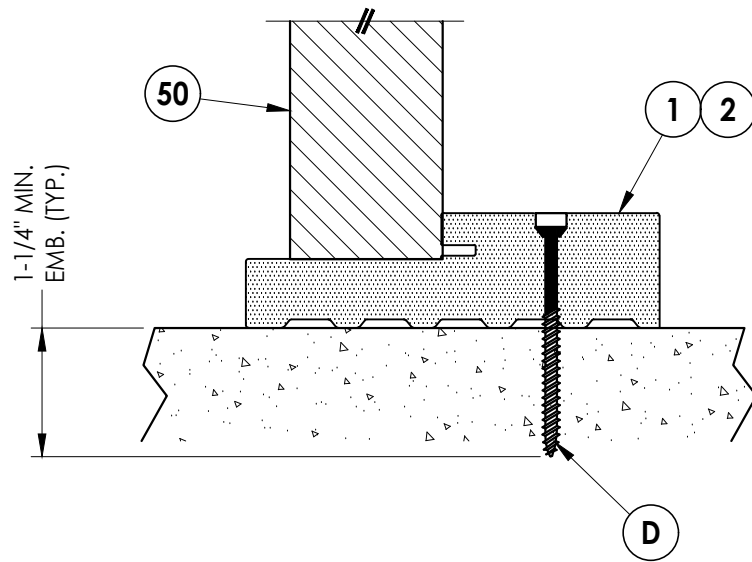
5
10 VERTICAL CROSS SECTION
ADA Sill



2
10 VERTICAL CROSS SECTION
Outswing Sill



4
10 VERTICAL CROSS SECTION
Outswing Sill



6
10 VERTICAL CROSS SECTION
Boxed Sidelite 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

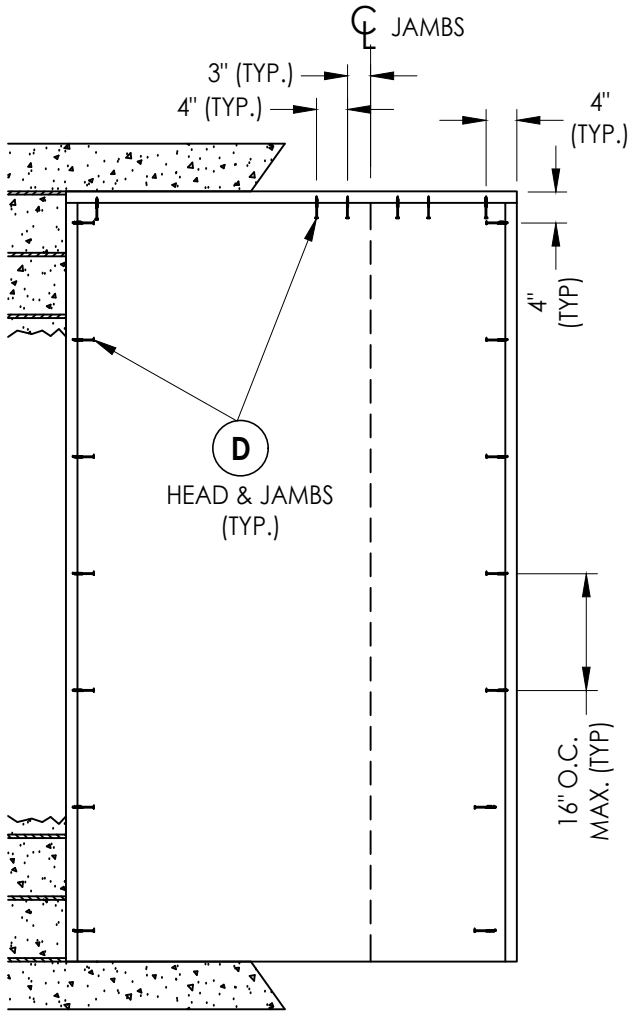
PRODUCT: ODL
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

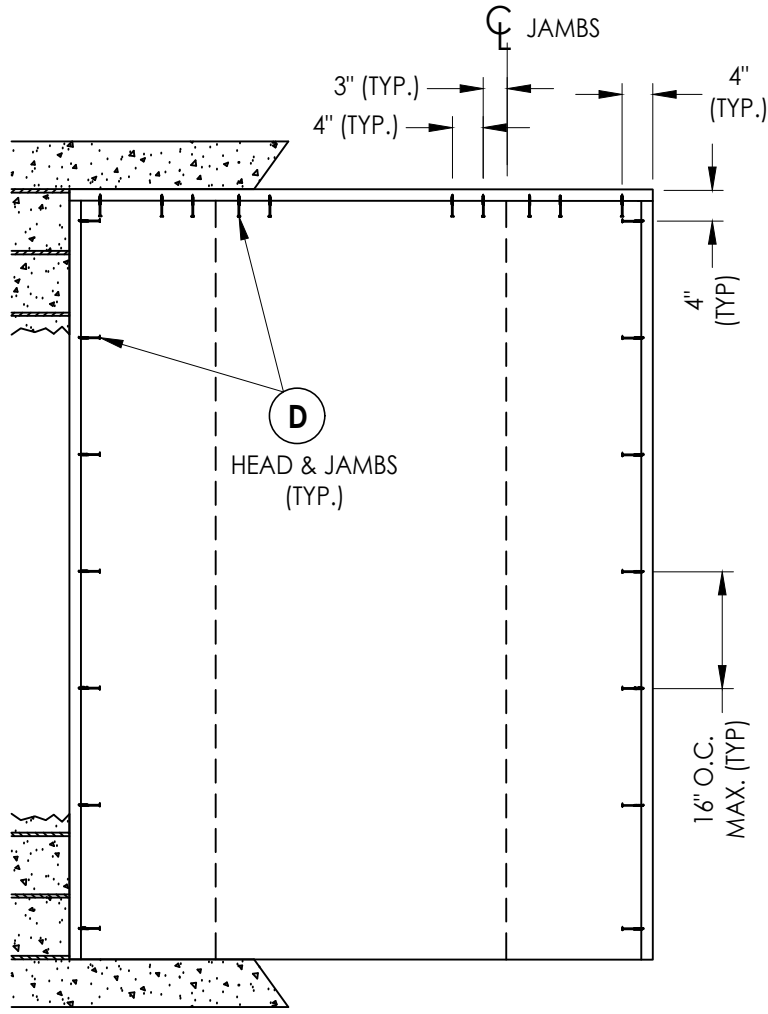
NO.	DATE	ADD	ALT.	GLAZING	LFS	BY
1	1/20/25					

REVISIONS

DATE: 5/14/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46121.8
SHEET 10 OF 13



XO/OX



OXO

2X BUCK ANCHORING

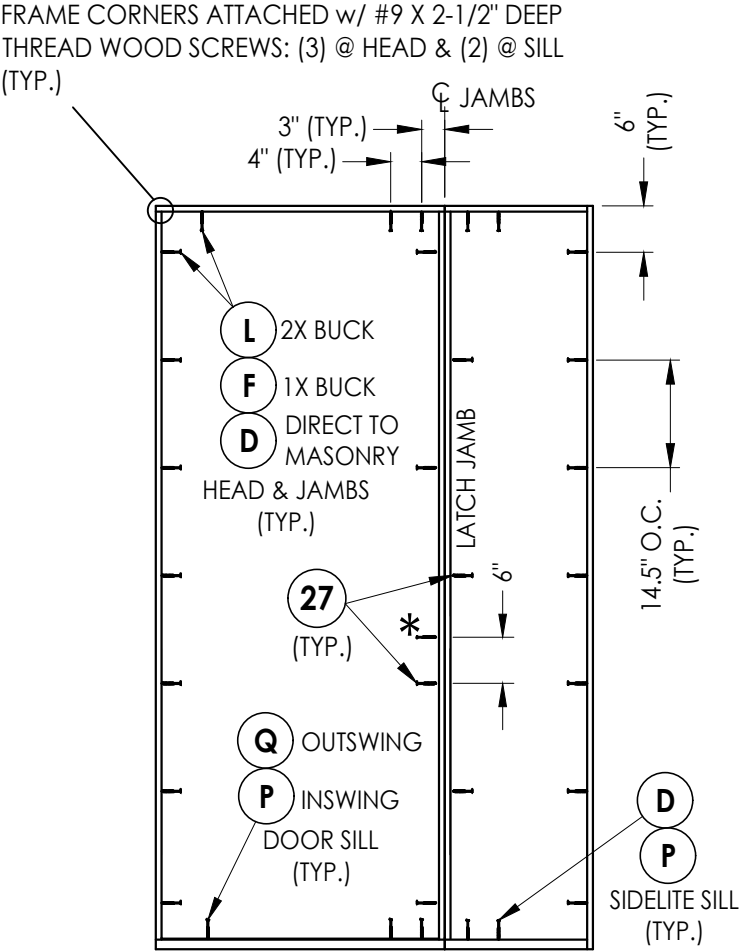
1	1/20/25	ADD ALT. GLAZING	LFS		
NO.	DATE		BY		
REVISIONS					

DATE:	5/14/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46121.8
SHEET	<u>11</u> OF <u>13</u>

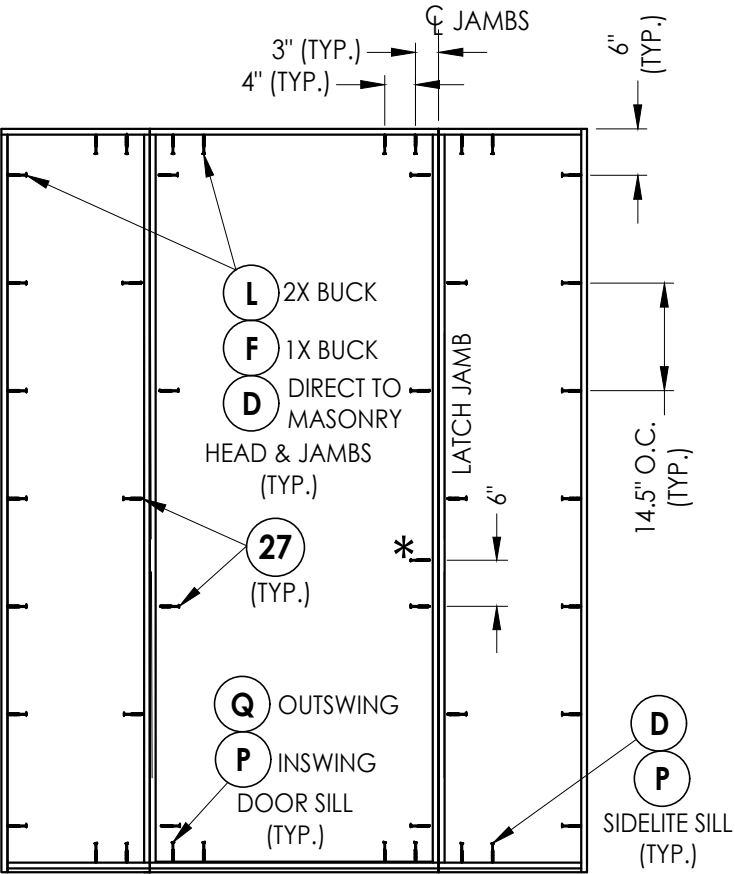
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

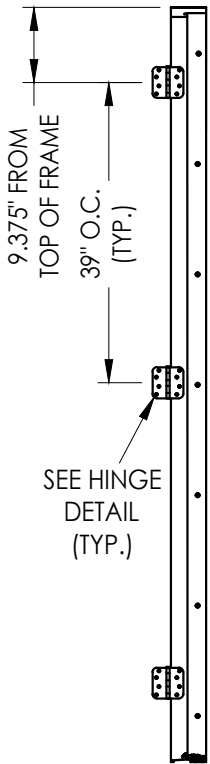
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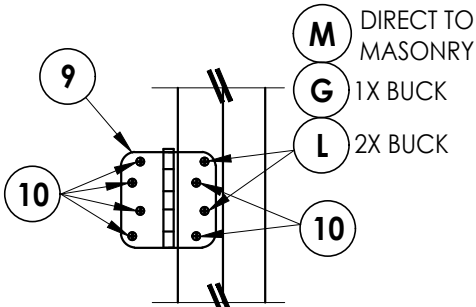
XO, OX



OXO

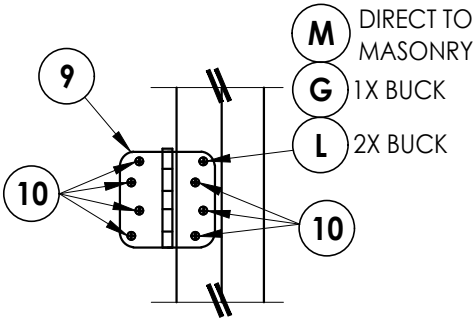


HINGE JAMB



HINGE DETAIL

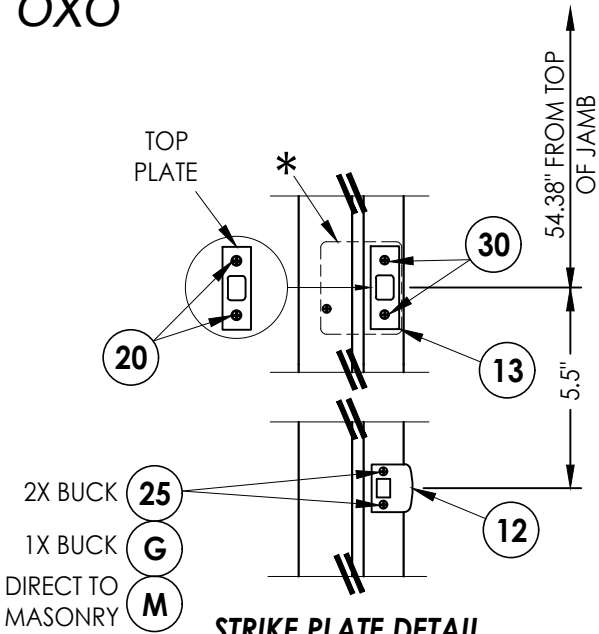
INSWING



HINGE DETAIL

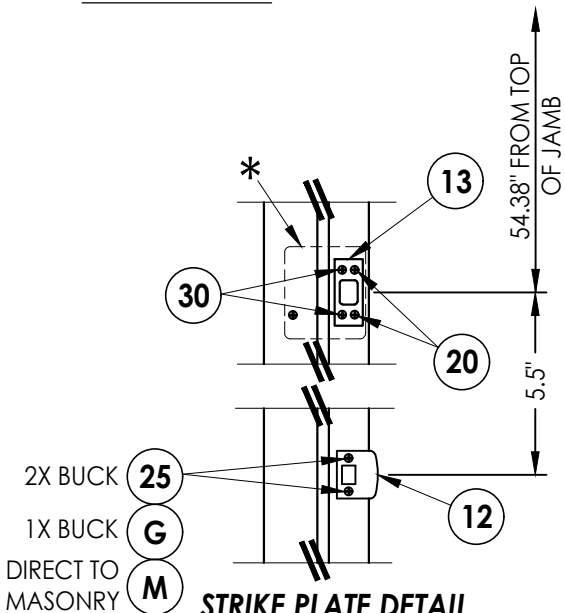
OUTSWING

FRAME ANCHORING



STRIKE PLATE DETAIL

SCHLAGE LOCKSET



STRIKE PLATE DETAIL

KWIKSET LOCKSET

* 4" X 4" 20 GA. STEEL PLATE ATTACHED TO BACK OF JAMB w/ (2)
3/8" T50 STAPLES PLUS ADDITIONAL ANCHOR THRU LATCH JAMB

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: ODL
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	ADD ALT.	GLAZING	BY
1	1/20/25			LFS

DATE: 5/14/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46121.8

SHEET 12 OF 13

Z:\2023 FBC Drawings\ODL, Inc\FL-46121\FL-46121.8.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
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
Q	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
2	WOOD JAMB	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	4" X 4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
16	INSWING SIDELITE BASE	PVC
18	ADA THRESHOLD	ALUM
19	ADA OUTSWING THRESHOLD	ALUM
20	#8 X 1/2" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#10 X 2" PFH SMS	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

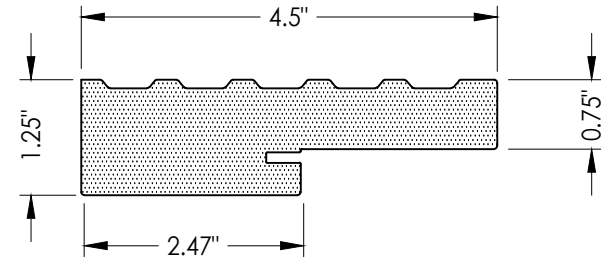
CONCRETE ANCHOR NOTES:

- 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:

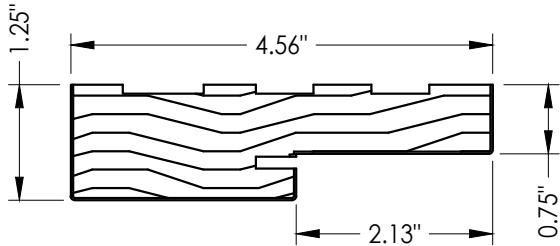
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

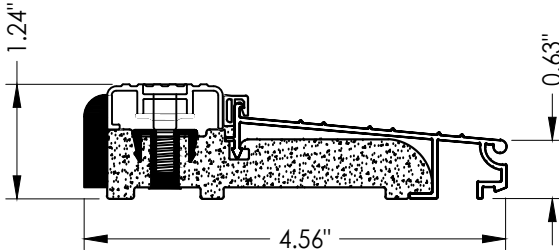
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



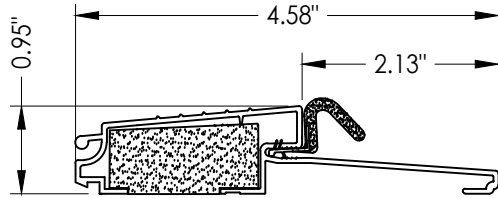
1 COMPOSITE JAMB
STARLINK SURE JAMB



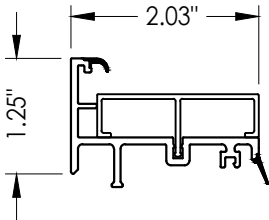
2 WOOD JAMB
FINGER JOINTED PINE



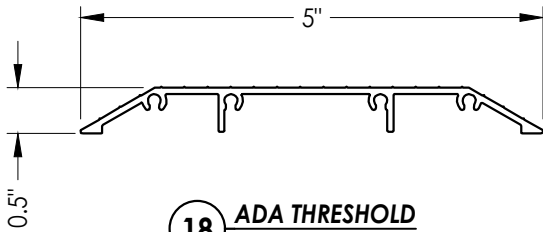
14 INSWING THRESHOLD
AFCO A-276



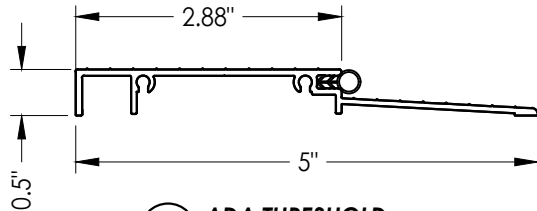
15 OUTSWING THRESHOLD
AFCO A-117



16 INSWING SIDELITE BASE
AFCO



18 ADA THRESHOLD
AFCO A-204



19 ADA THRESHOLD
AFCO A-204T

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: ODL
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

LFS	BY
1	1/20/25
NO.	DATE

REVISIONS

DATE: 5/14/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46121.8

SHEET 13 OF 13