

Z:\2023 FBC Drawings\ODL, Inc\FL-46120\FL-46120.9.dwg



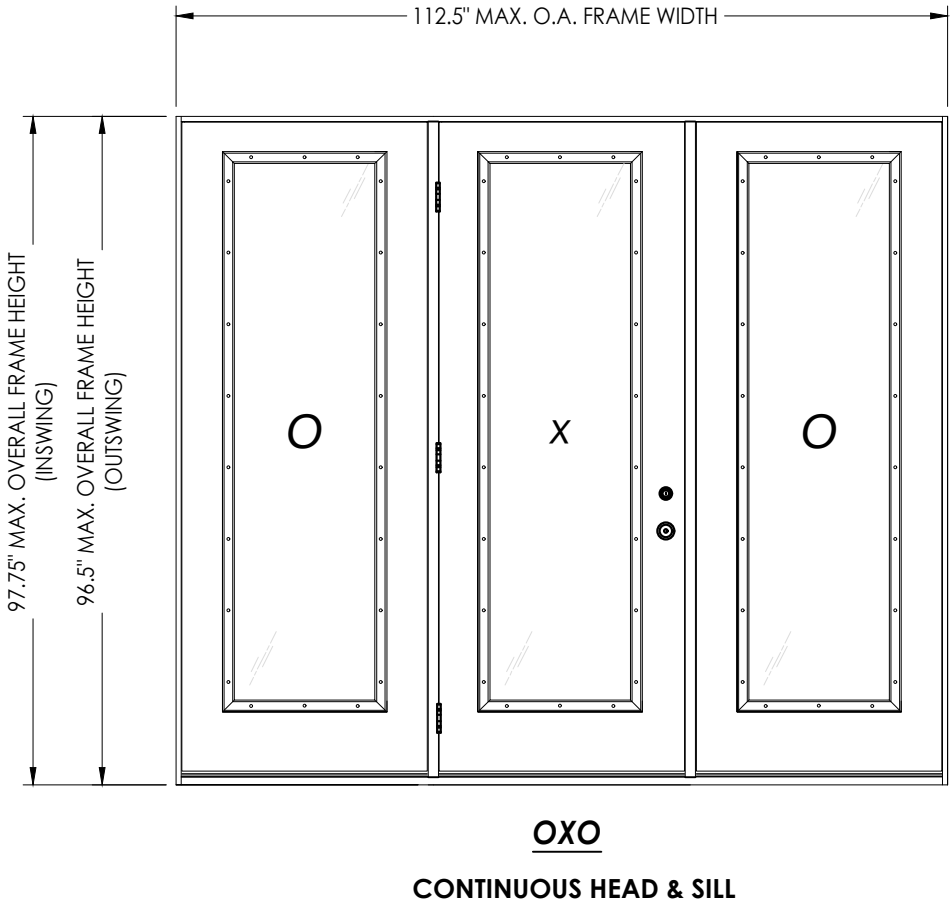
215 EAST ROOSEVELT AVE.
ZEELAND, MI 49464

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

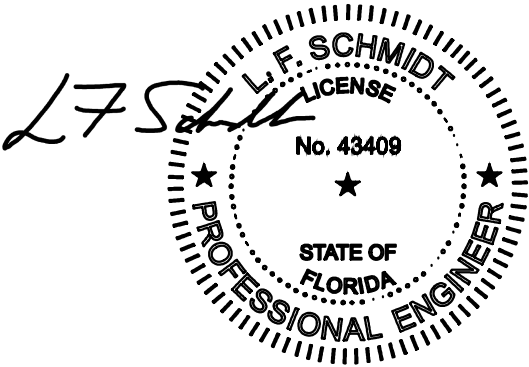
GENERAL NOTES

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 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.

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3	Sidelite Panel Details	10	Horizontal & Vertical Cross Sections (Direct to Masonry)
4	Life Frame Glazing Details (Alum. Flat Frame)	11	Vertical Cross Sections (Thresholds)
5	Life Frame Glazing Details (Keystone PVC Frame)	12	Buck Anchoring
6	Elevations	13	Frame Anchoring & Hardware Details
7	Horizontal Cross Sections	14	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	JAMB MATERIAL	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO	75.25" x 97.75"	WOOD	+35.0	-40.0	+35.0	-35.0
OXO	112.5" x 97.75"		+35.0	-40.0	+35.0	-35.0
OX, XO	75.25" x 97.75"	COMPOSITE	+30.0	-40.0	+30.0	-30.0
OXO	112.5" x 97.75"		+30.0	-40.0	+30.0	-30.0



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

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

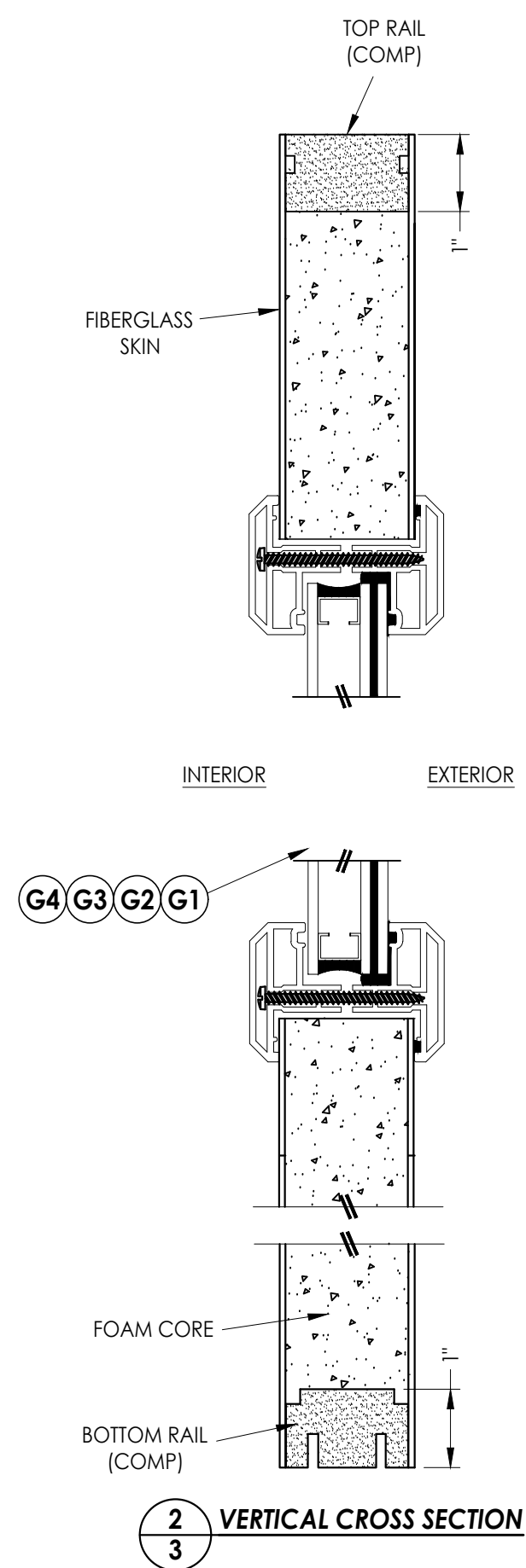
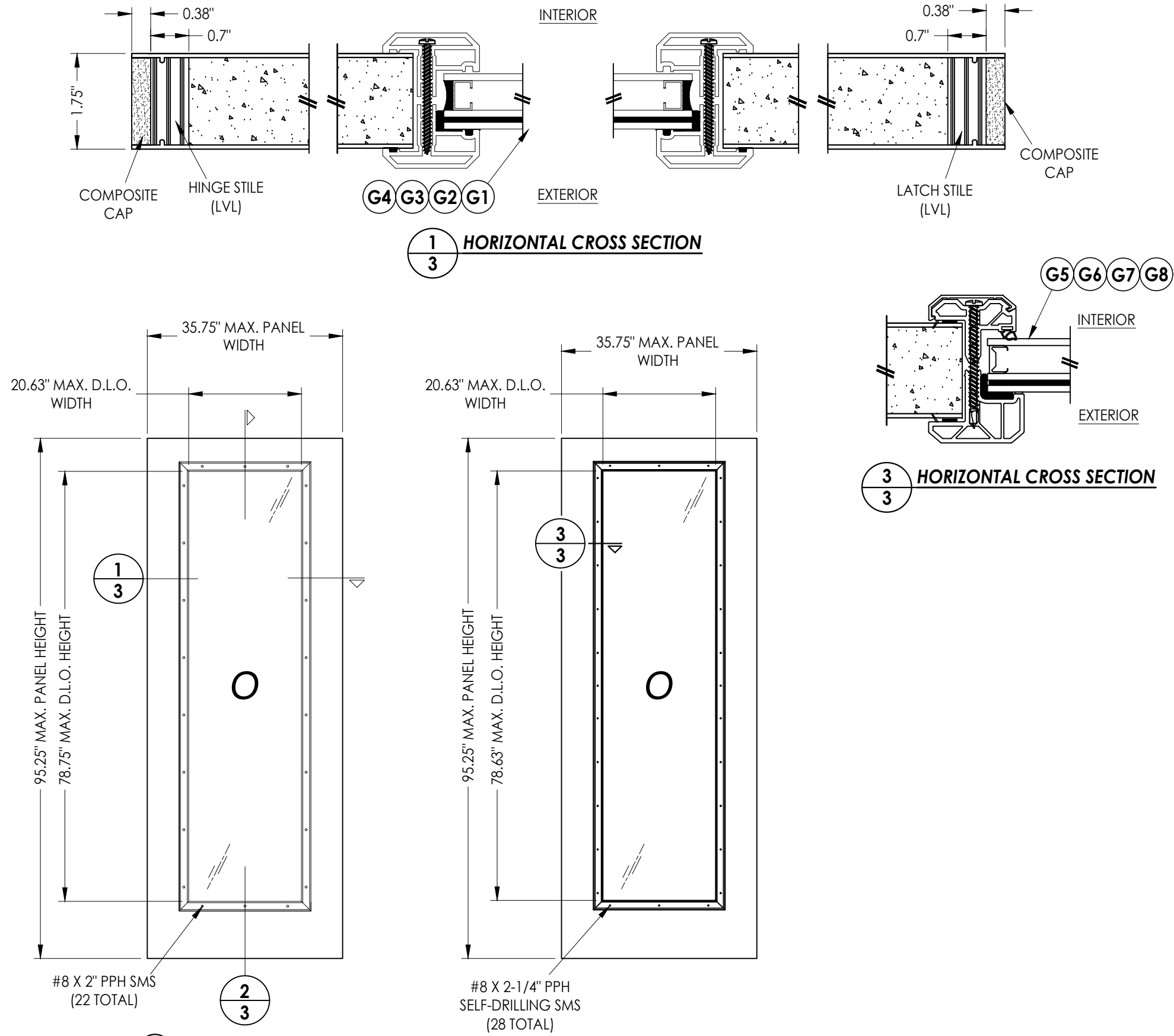
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: ODL FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS	
		BY	

DATE: 1/16/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46120.9
SHEET 1 OF 14

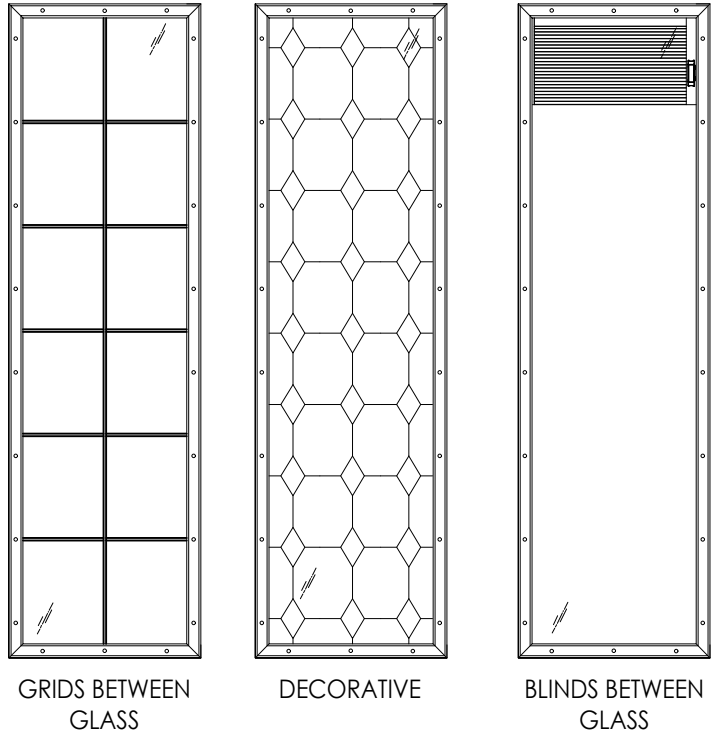
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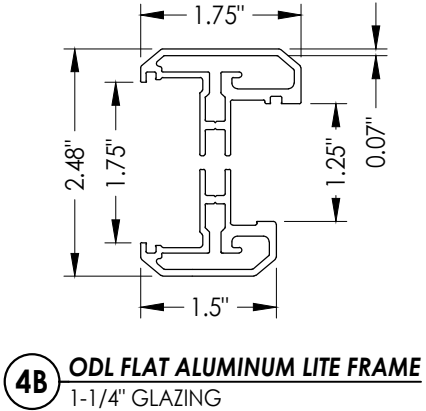
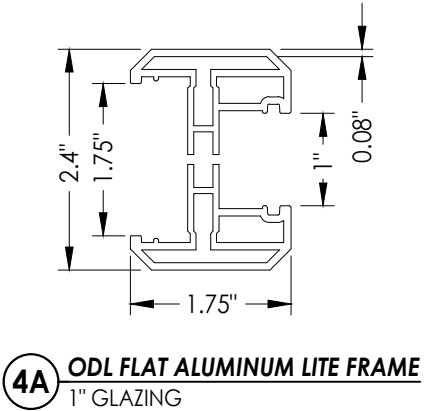
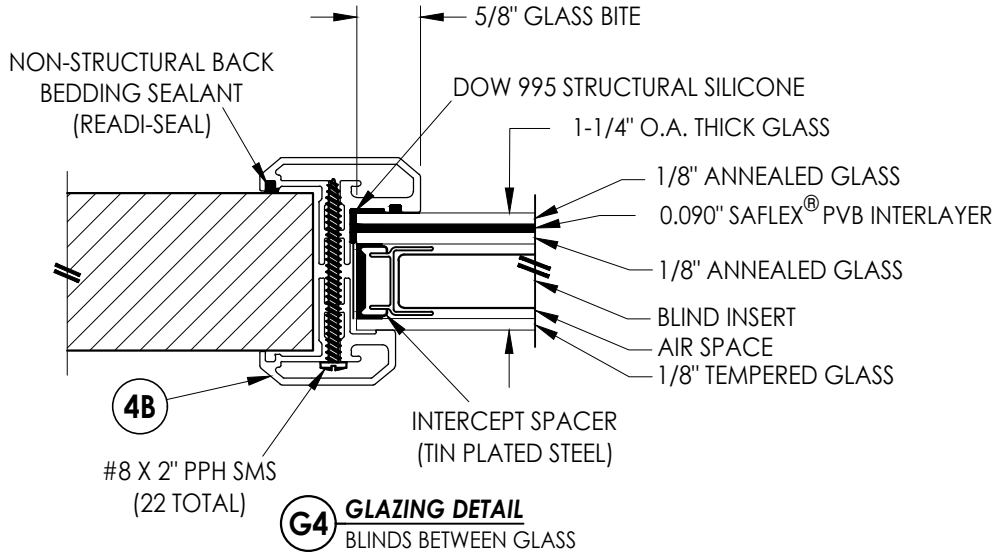
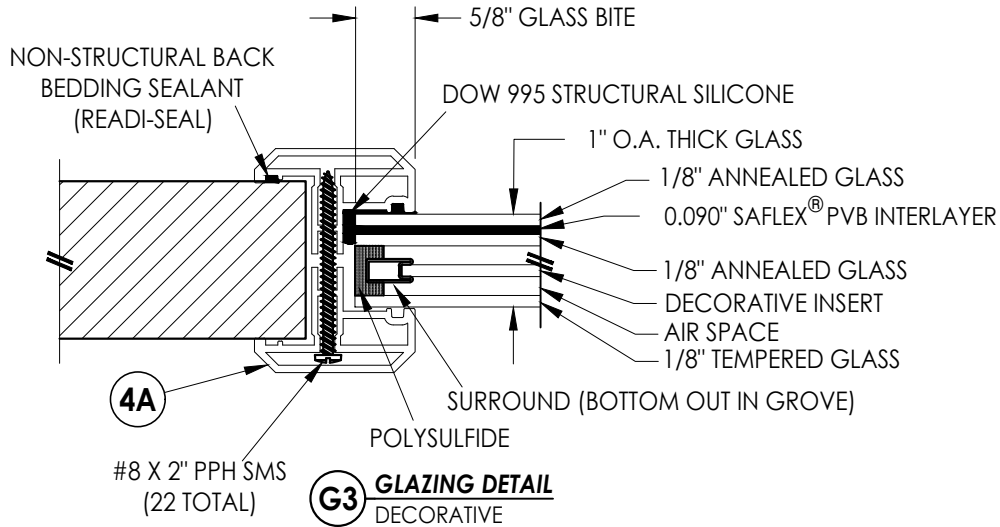
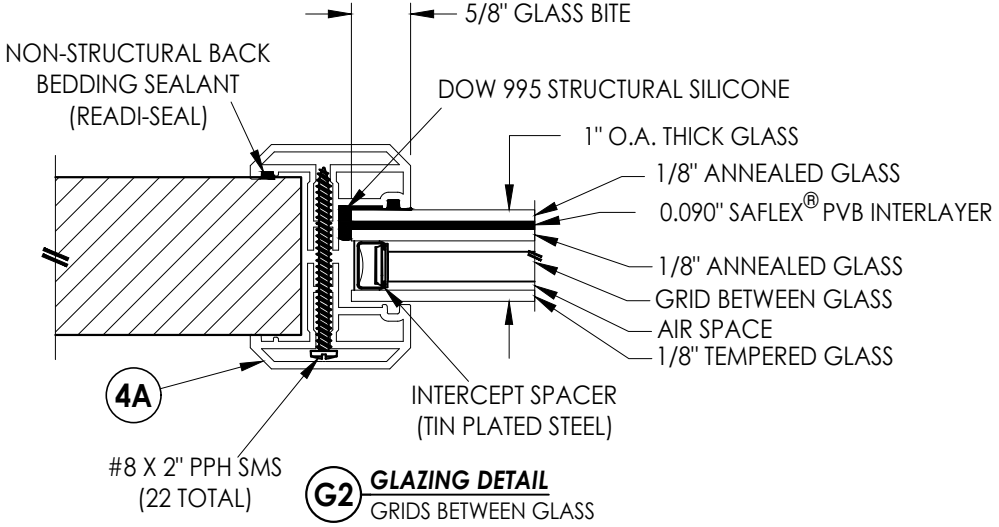
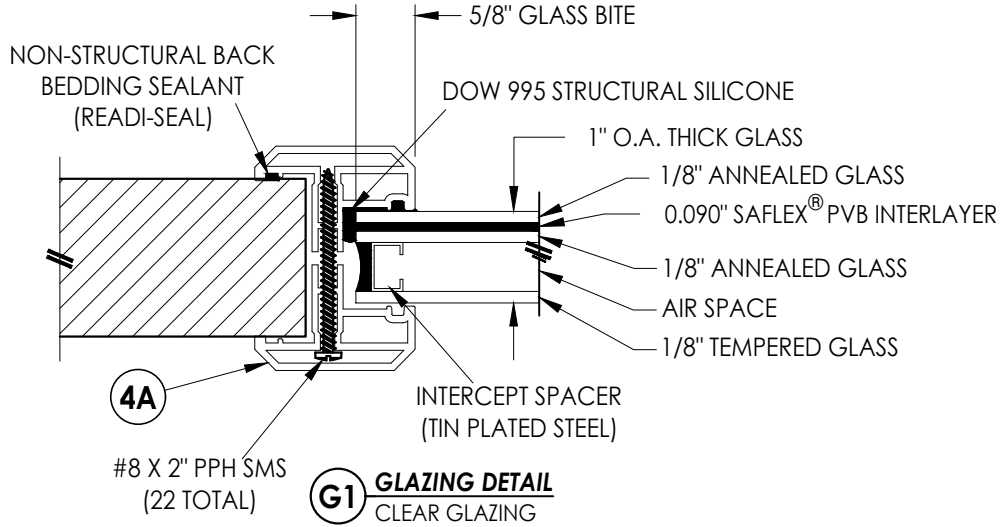
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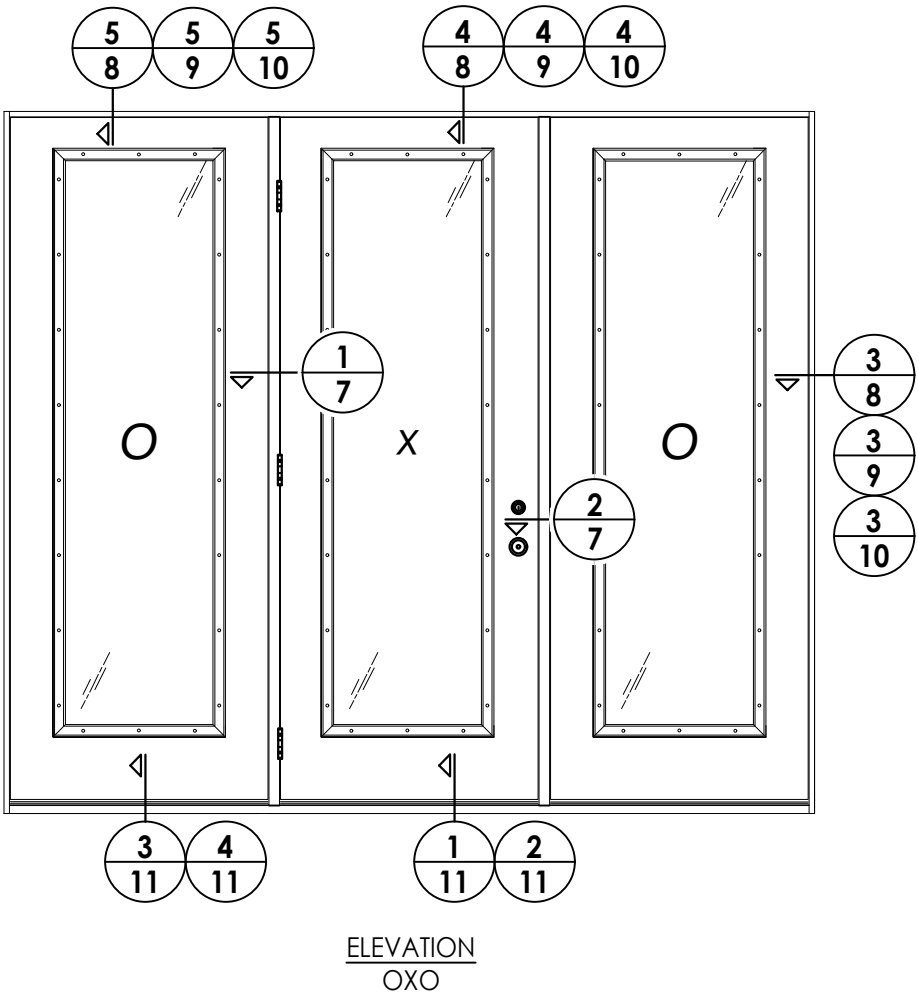
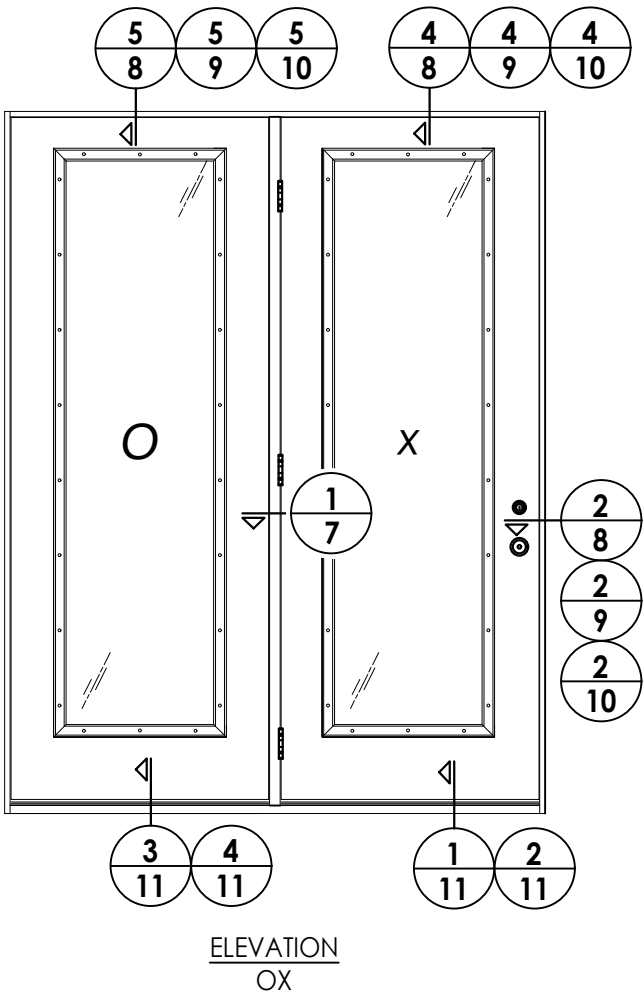
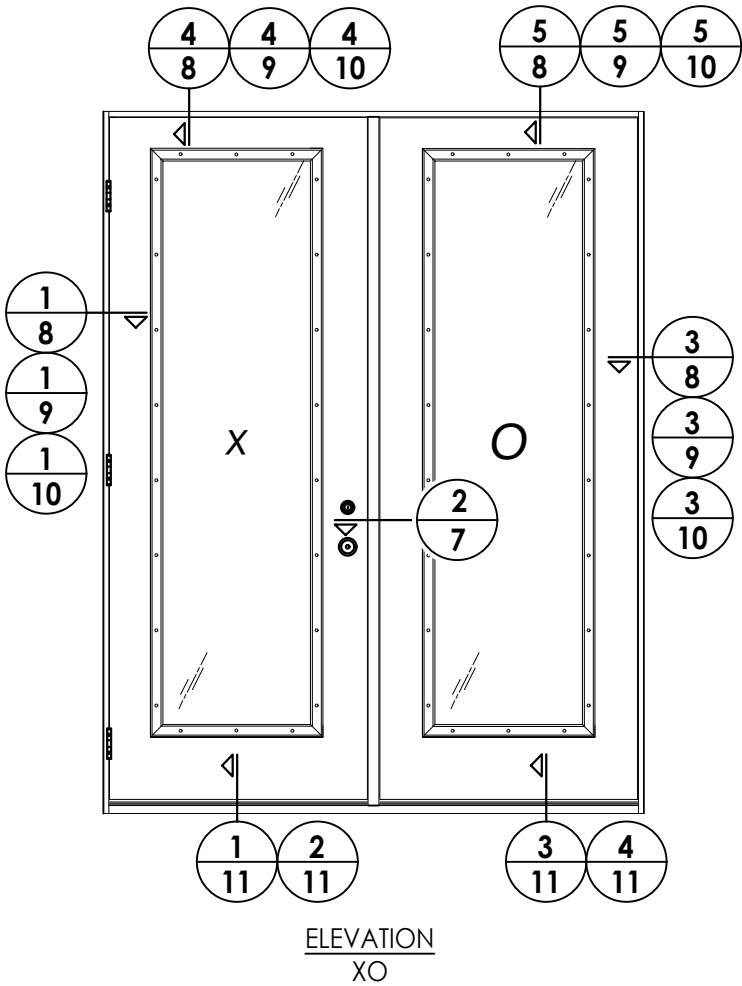
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ALTERNATE GLAZING DETAILS



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PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: LITE FRAME GLAZING DETAILS (ALUMINUM FLAT FRAME)	
			BY
			DATE
			REVISIONS
DATE: 1/16/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46120.9			
SHEET 4 OF 14			

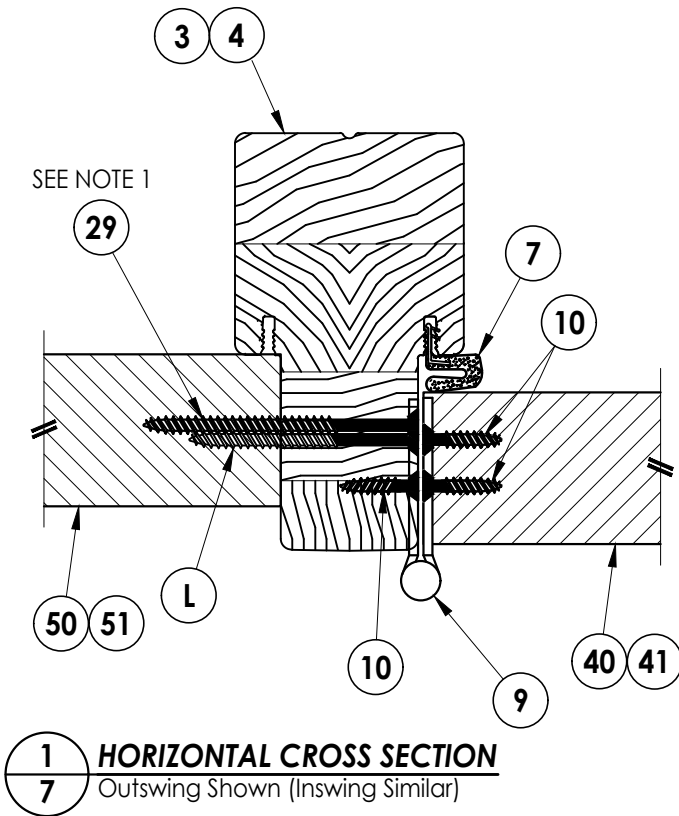


DATE: 1/16/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46120.9
SHEET 6 OF 14

PRODUCT:		PART OR ASSEMBLY:	
ODL FIBERGLASS DOOR		ELEVATIONS	
		NO.	DATE
		BY	

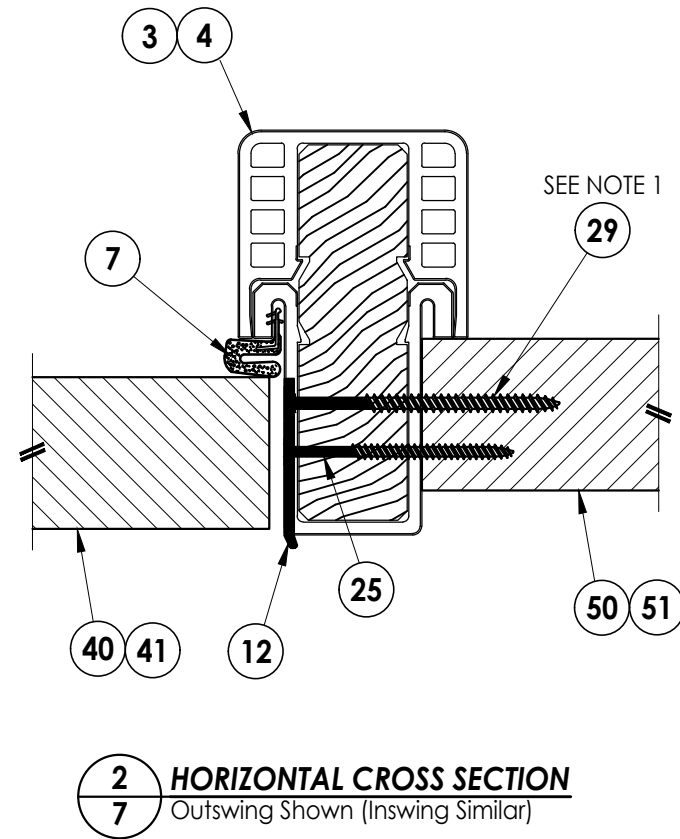
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EXTERIOR

INTERIOR



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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: ODL
FIBERGLASS DOOR

PART OR ASSEMBLY:
**HORIZONTAL
CROSS SECTIONS**

REVISIONS

DATE: 1/16/25

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: *RW*

DRAWING NO.:

FL-46120.9

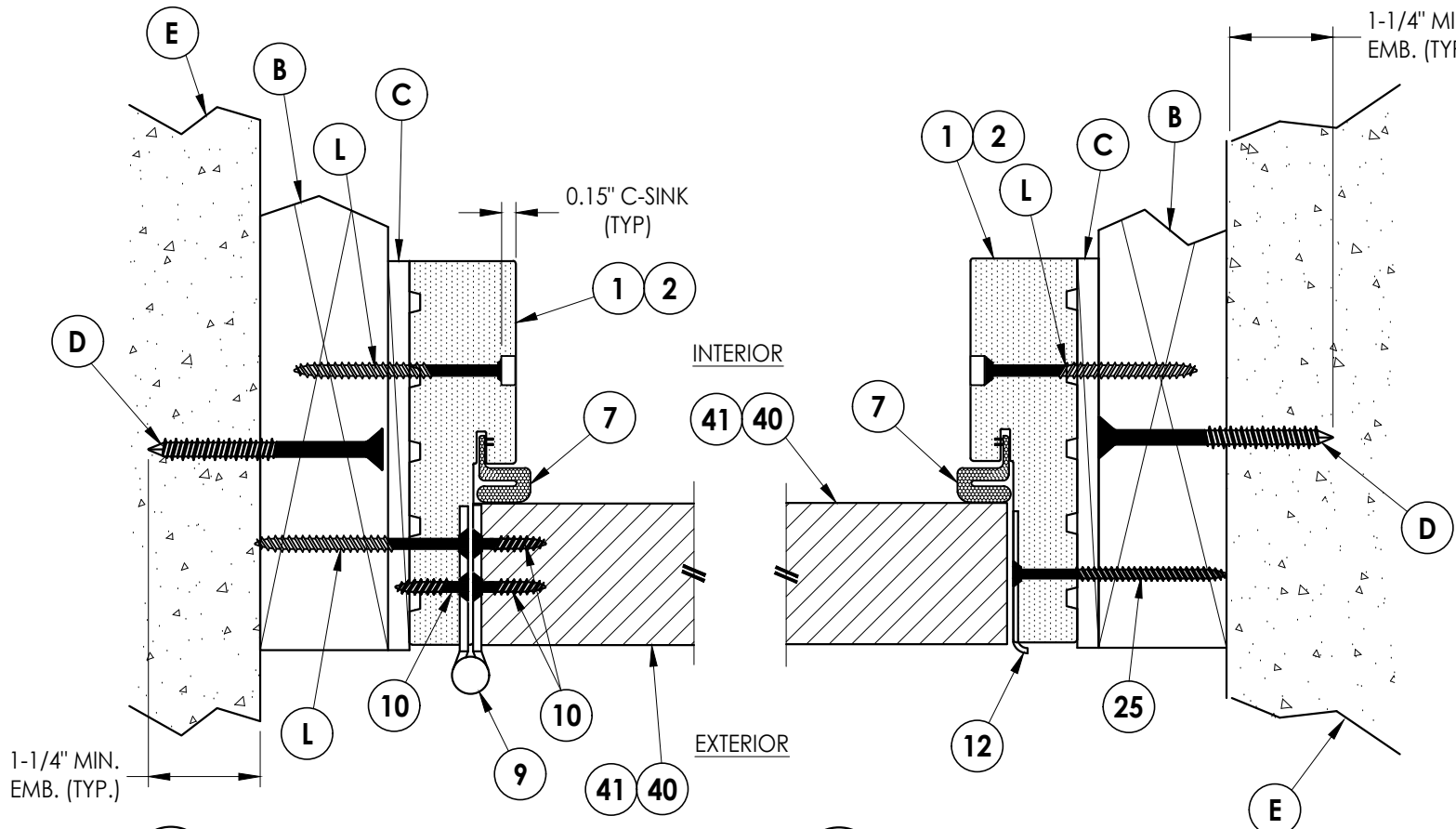
Notes:

1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).

Z:\2023 FBC Drawings\ODL, Inc\FL-46120\FL-46120.9.dwg

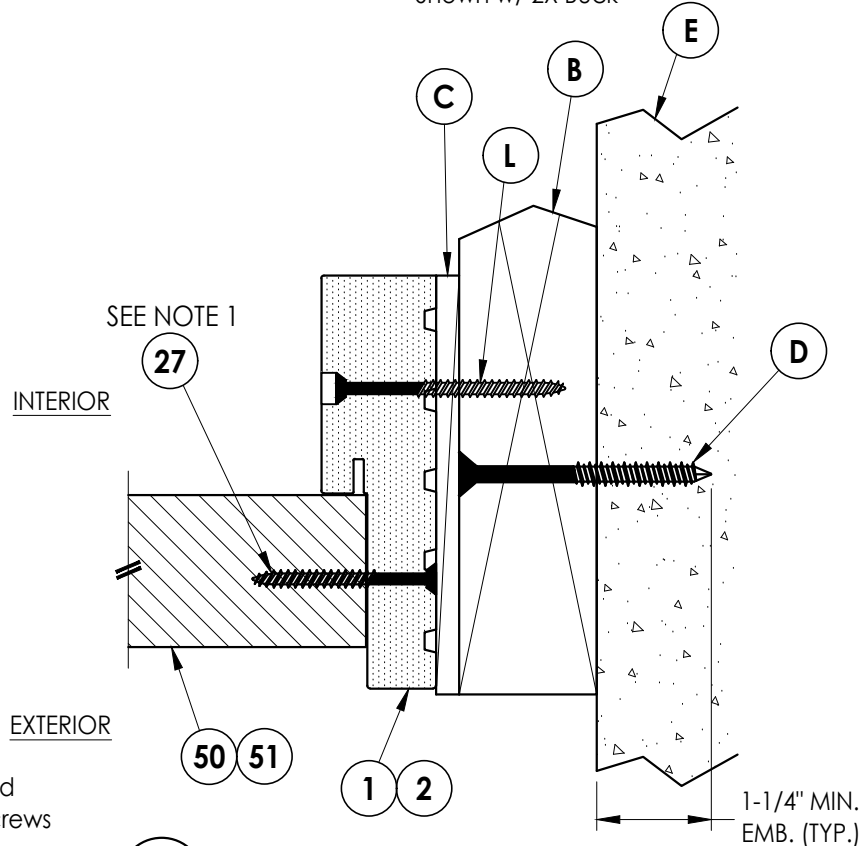
Notes:

1. Sidelite assembly screws located 6" from each end plus 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 6" from each end (2 total @ head).

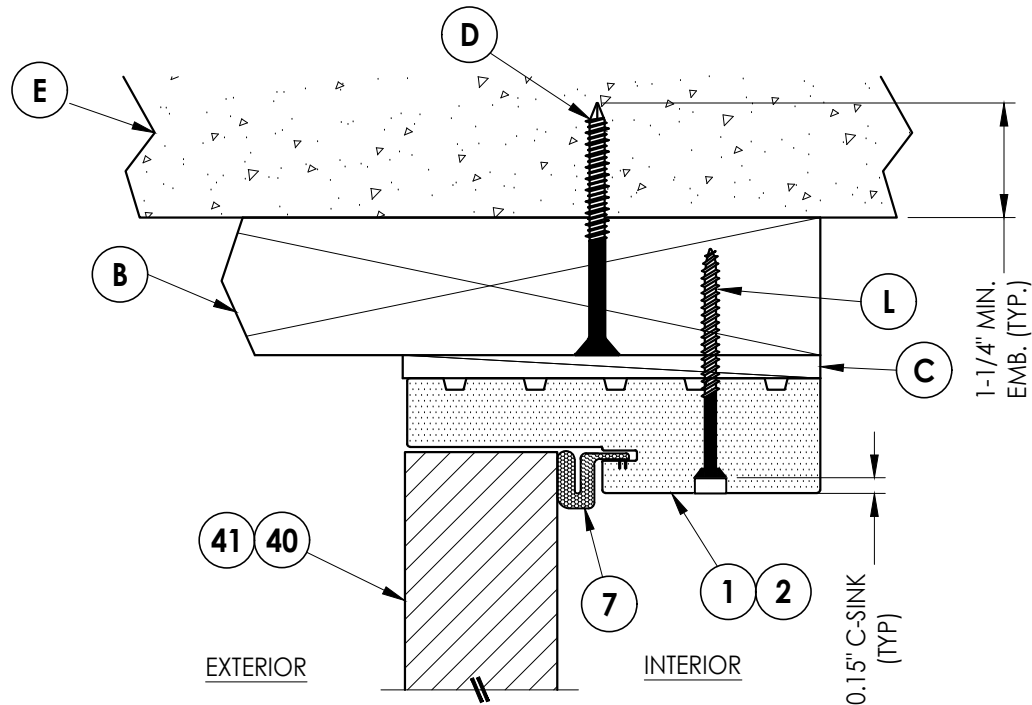


1
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 2X Buck

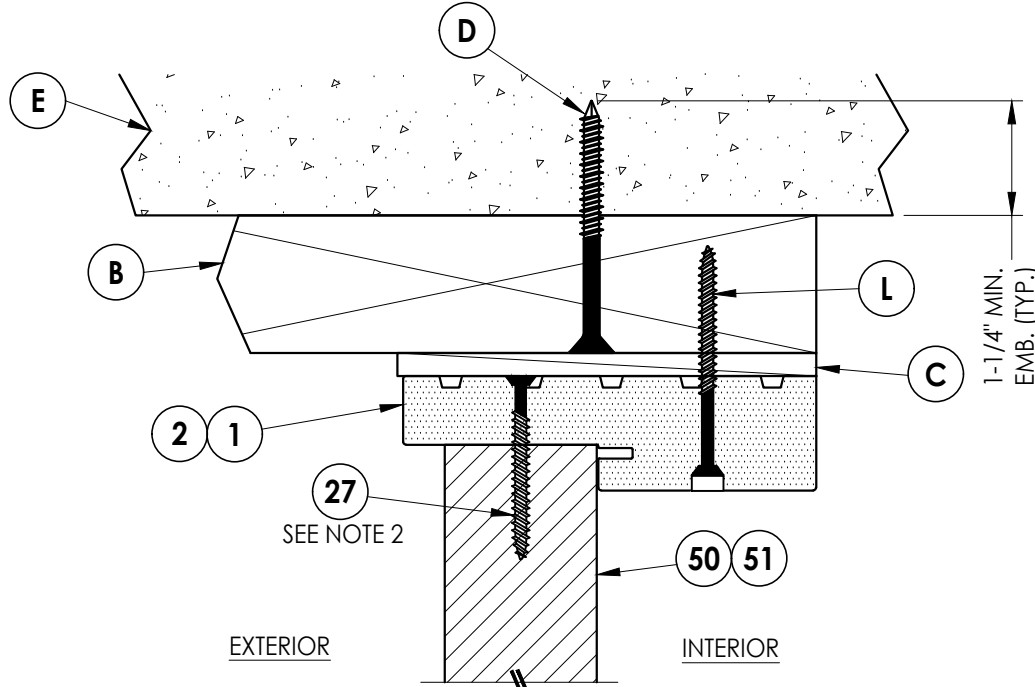
2
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 2X Buck



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



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



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

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P.E. No. 43409

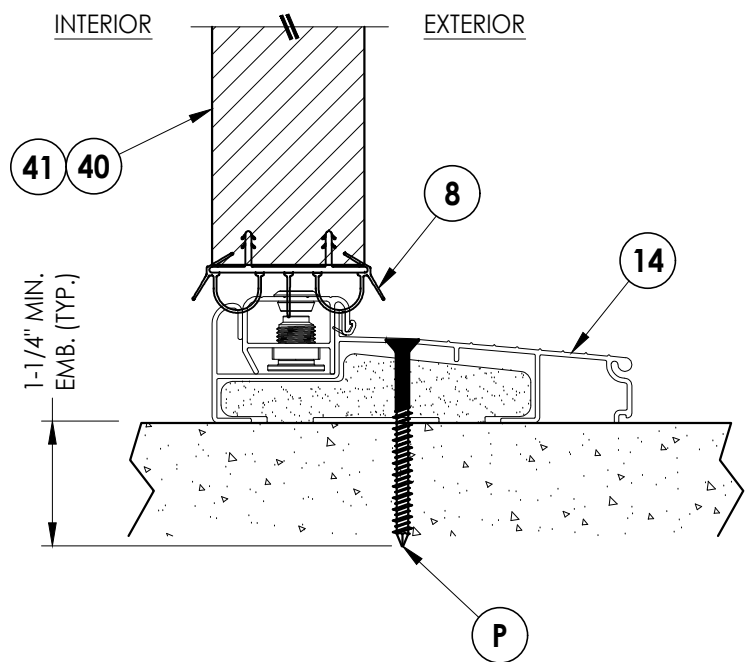
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: ODL
FIBERGLASS DOOR

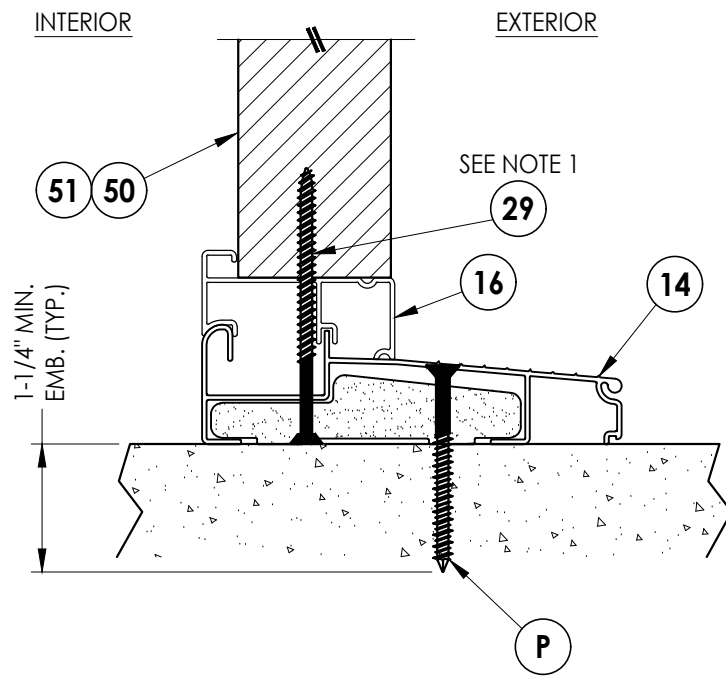
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	BY	REVISIONS

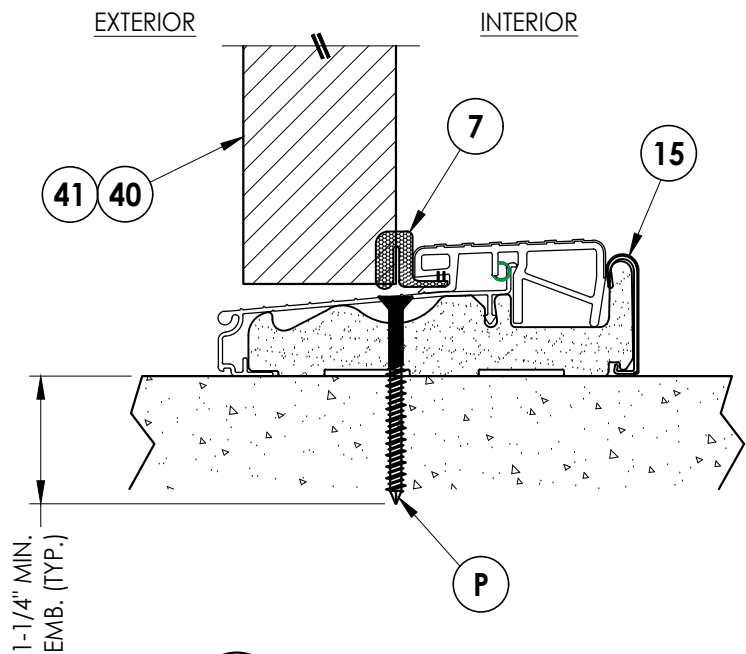
DATE: 1/16/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46120.9
SHEET 8 OF 14



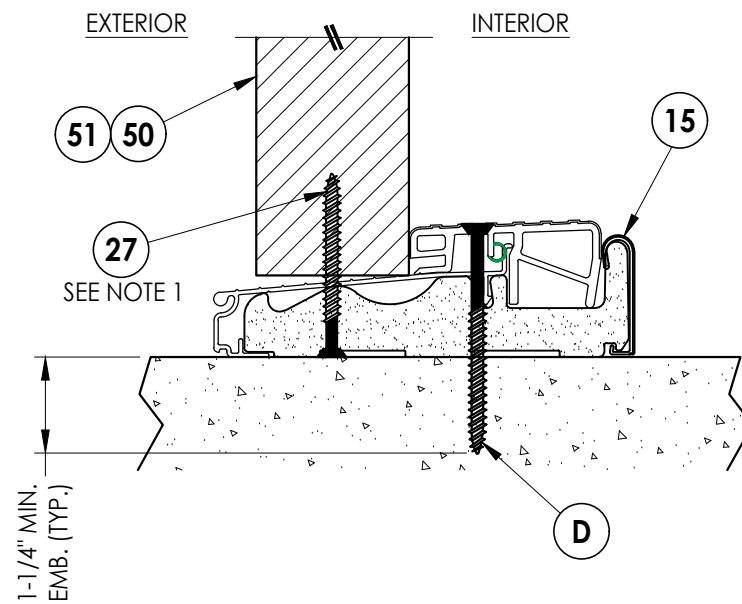
1
11 **VERTICAL CROSS SECTION**
Inswing Sill



3
11 **VERTICAL CROSS SECTION**
Inswing Sill



2
11 **VERTICAL CROSS SECTION**
Outswing Sill



4
11 **VERTICAL CROSS SECTION**
Outswing Sill

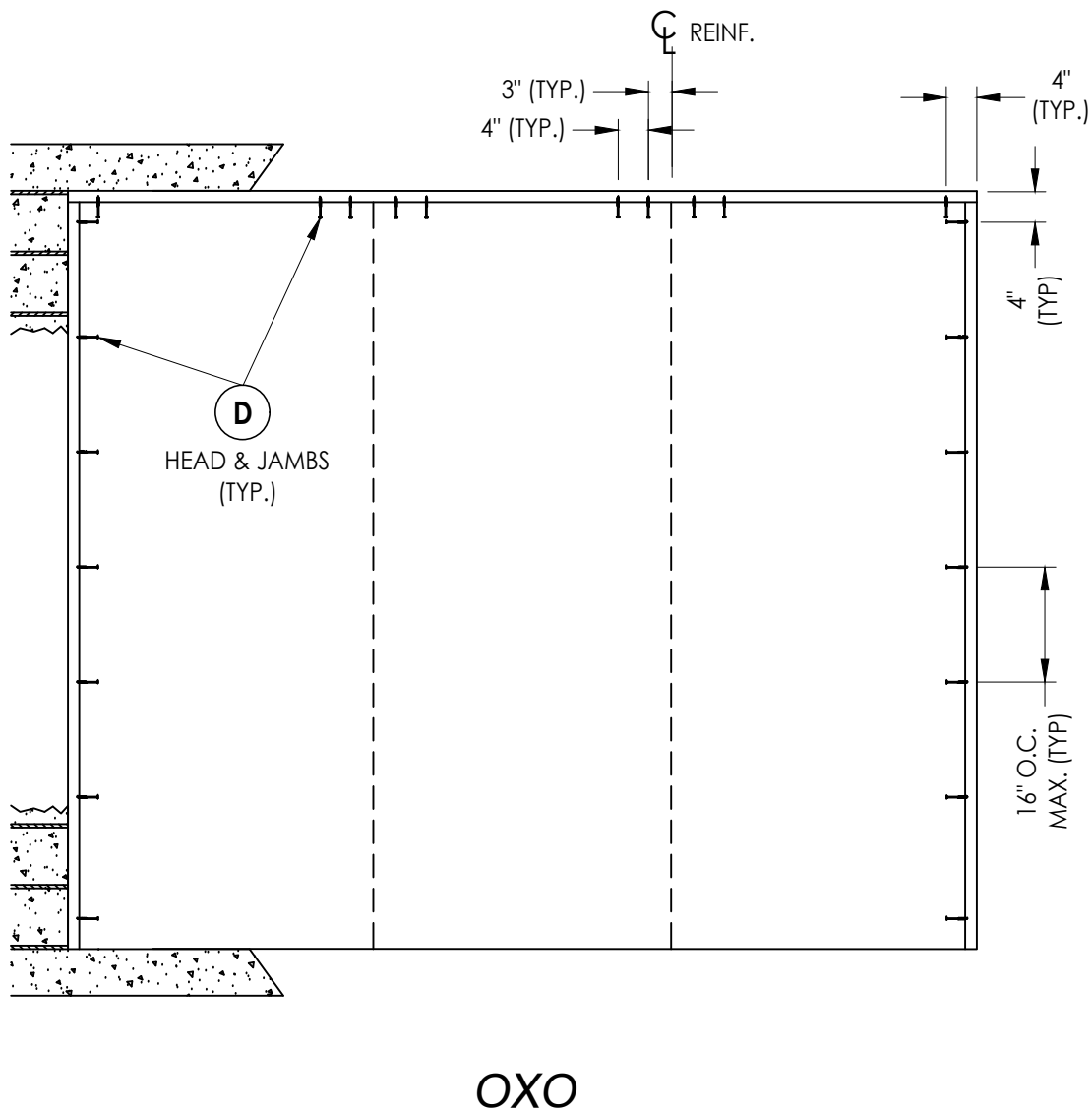
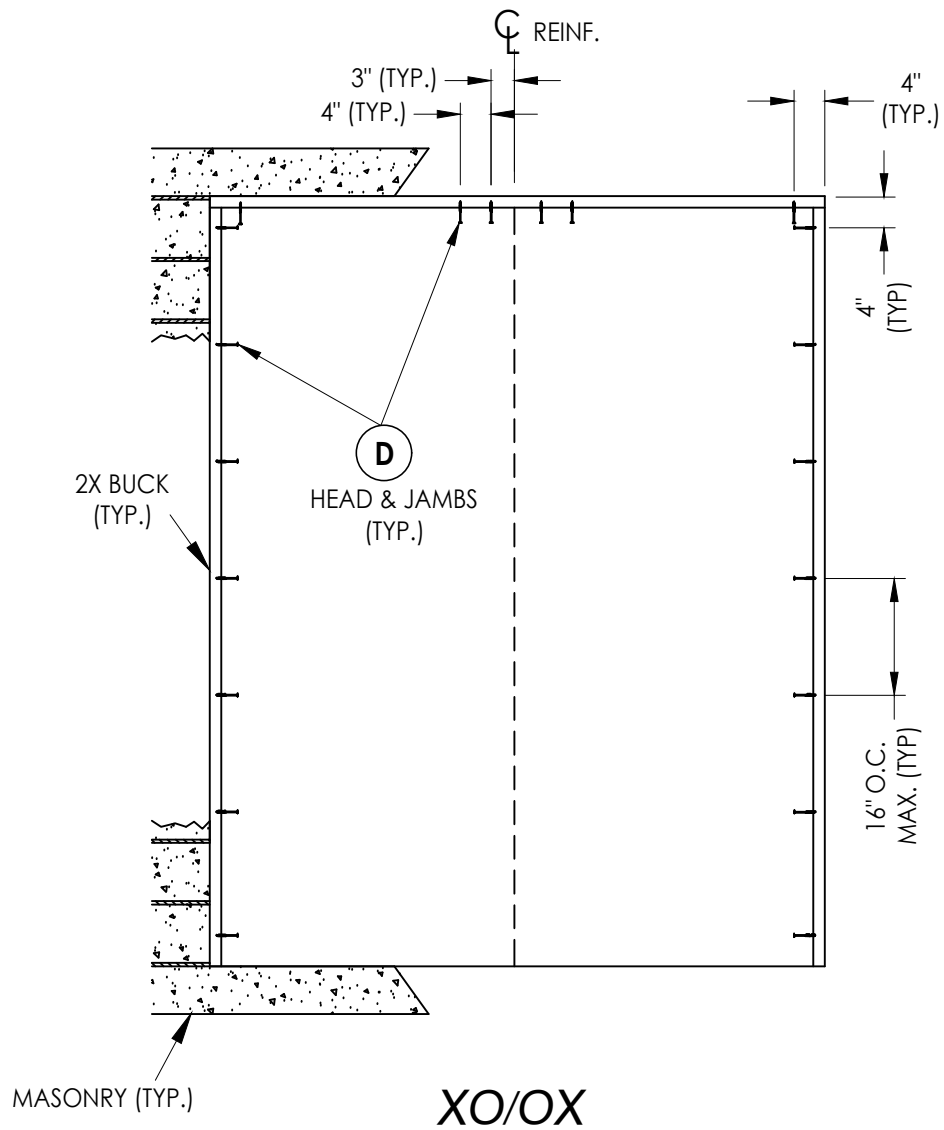
Note:
1. Sidelite assembly screws located 6" from each end (2 total @ sill).
(Note: Not required on 14" sidelites)

PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)	
DATE:	1/16/25	NO.	DATE
SCALE:	N.T.S.	BY	REVISIONS
DWG. BY:	LFS		
CHK. BY:	RW		
DRAWING NO.:	FL-46120.9		
SHEET	11	OF	14

Documents Prepared By:
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2X BUCK ANCHORING

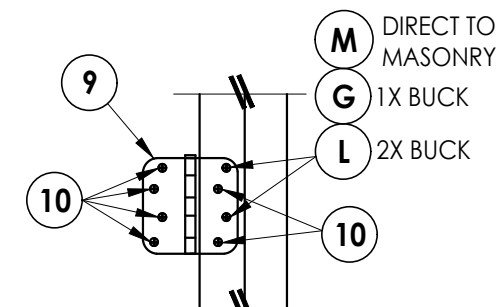
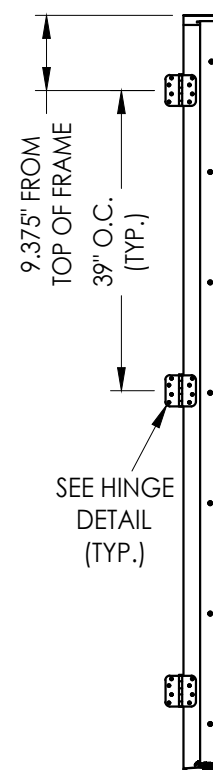
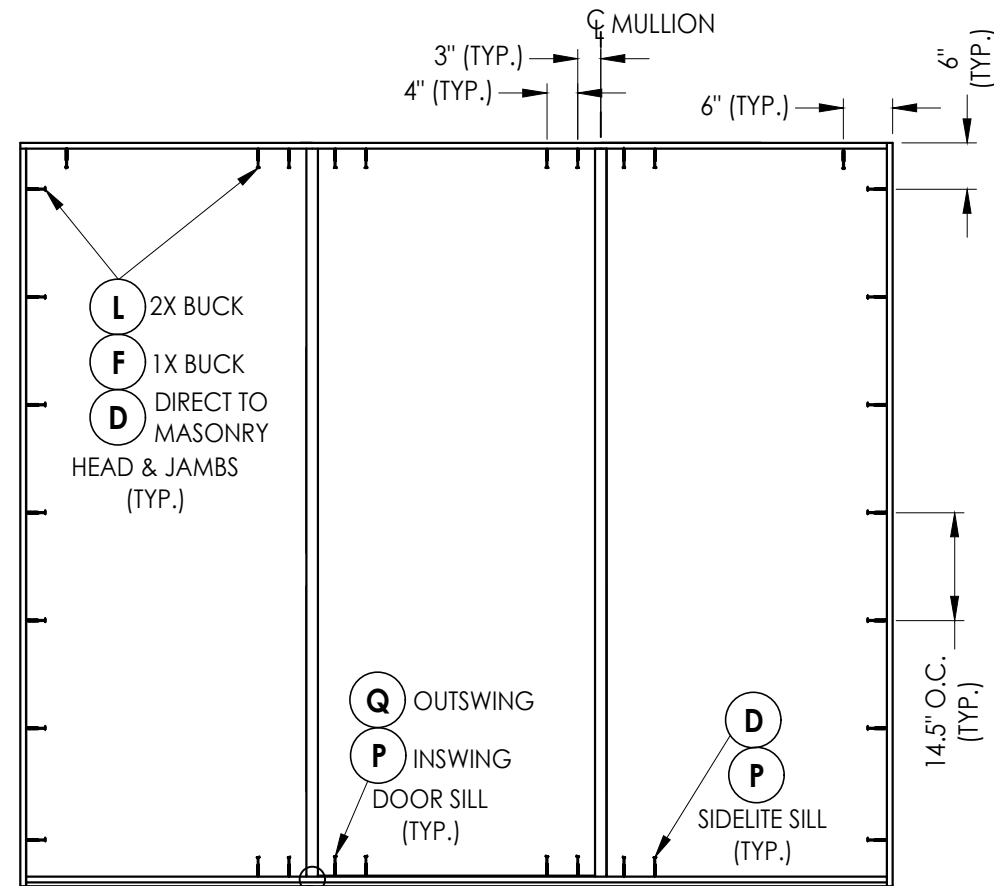
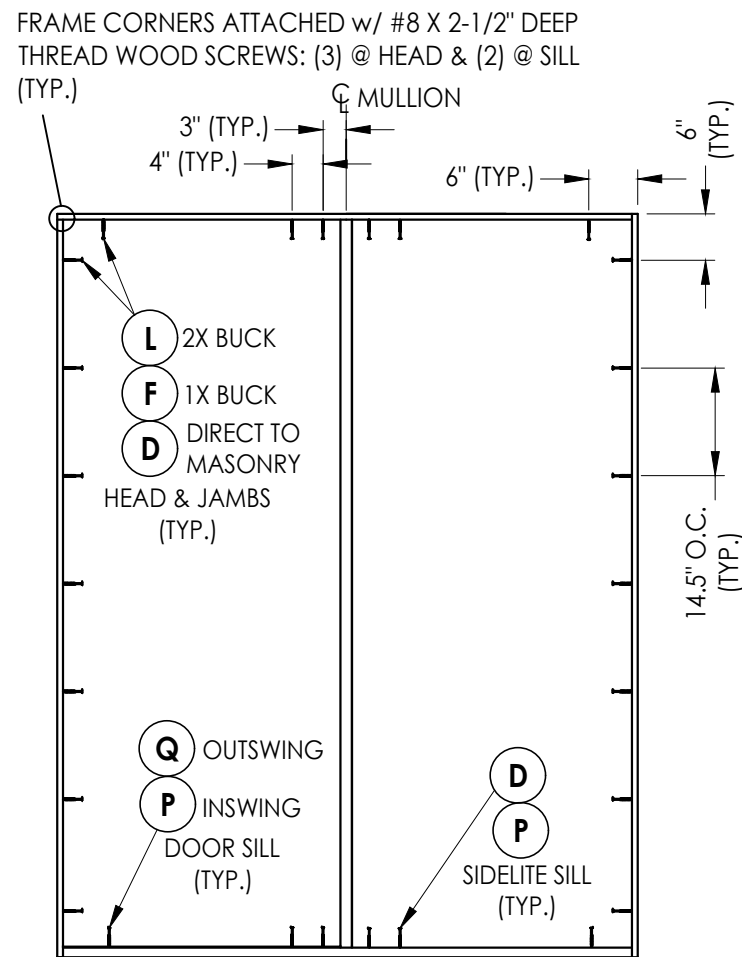
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SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46120.9
SHEET	12 OF 14

NO.	DATE	BY	REVISIONS

PRODUCT:	ODL FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

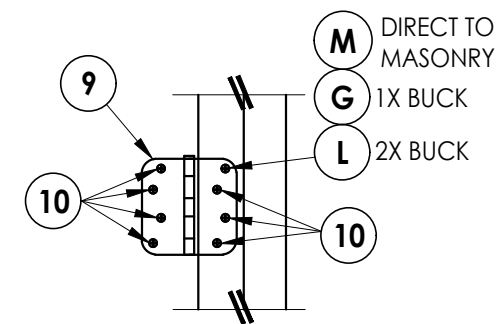
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Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813



HINGE DETAIL

INSWING

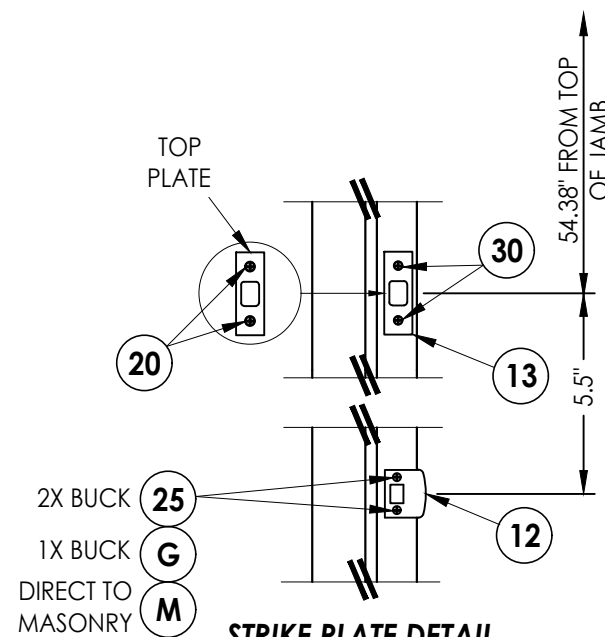


HINGE DETAIL

OUTSWING

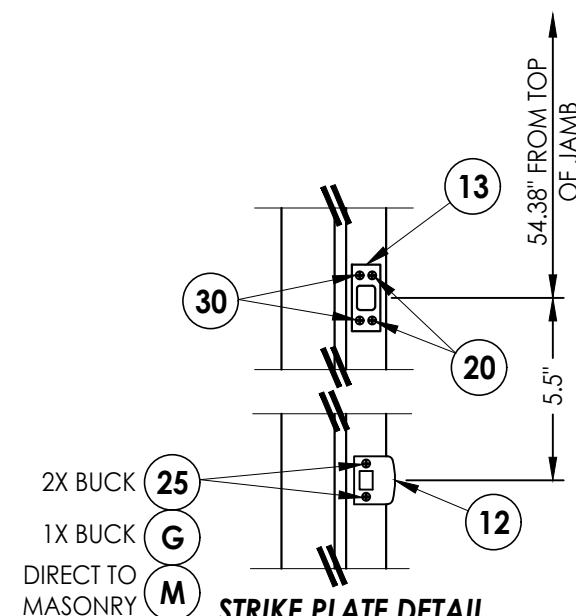
INTEGRAL MULLION ATTACHED TO
HEAD & SILL w/ (3) #8 X 2-1/2" FH
DEEP THREAD WOOD SCREWS (TYP.)

FRAME ANCHORING



STRIKE PLATE DETAIL

SCHLAGE LOCKSET



MASONRY  **STRIKE PLATE DETAIL**
KWIKSET LOCKSET

HARDWARE DETAILS

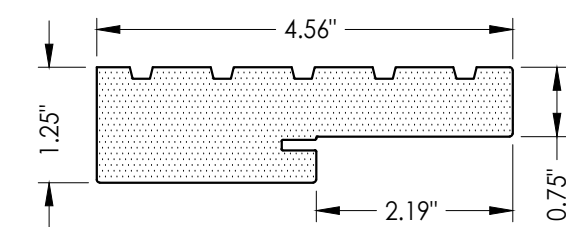
[illegible]

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
1	COMPOSITE JAMB (WORLDWIDE OR PLASTPRO)	COMP
2	WOOD JAMB (FJ PINE OR PLASTPRO)	WOOD
3	COMPOSITE MULLION (ENDURA OR PLASTPRO)	PVC/WOOD
4	WOOD MULLION (PINE OR ENDURA)	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	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
29	#10 X 3" FH COMPOSITE DECK SCREW	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-
41	DOOR PANEL	-
50	SIDELITE PANEL	-
51	SIDELITE PANEL	-

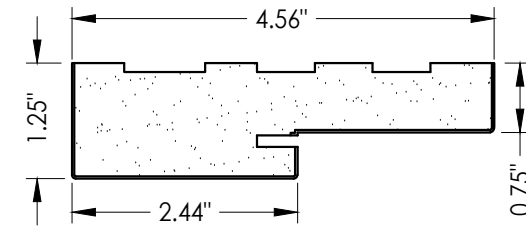
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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 BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

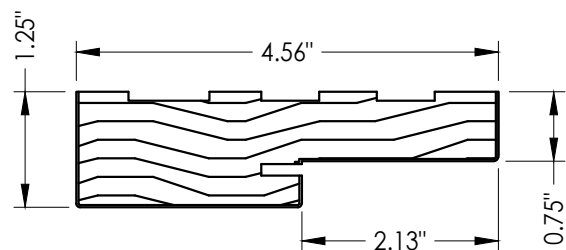
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



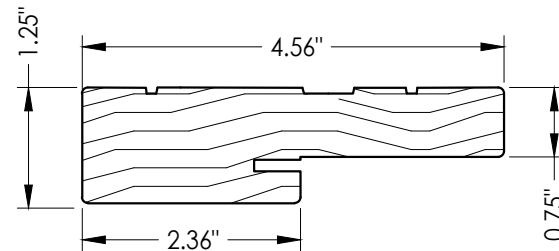
1 COMPOSITE JAMB
WORLDWIDE 4EVER COMPOSITE FRAME



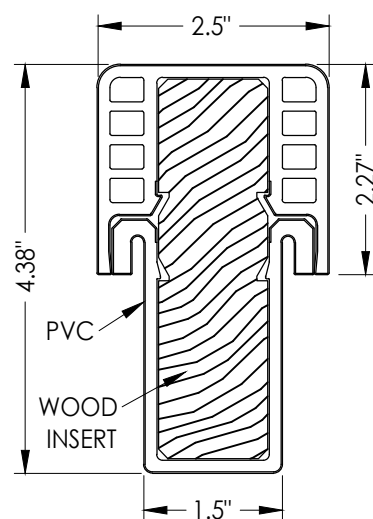
1 COMPOSITE JAMB
PLASTPRO POLY FIBER JAMB



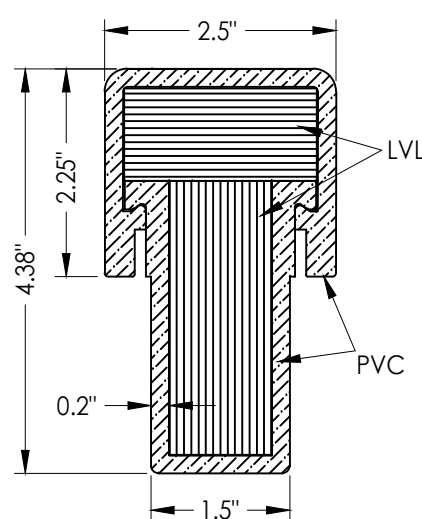
2 WOOD JAMB
FINGER JOINTED PINE



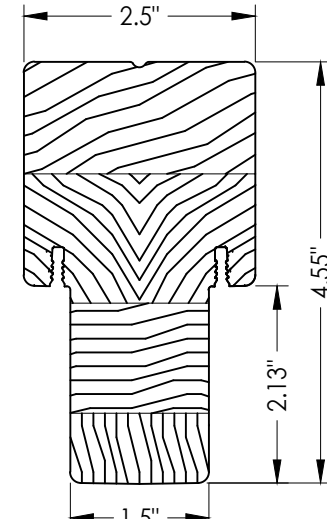
2 WOOD JAMB



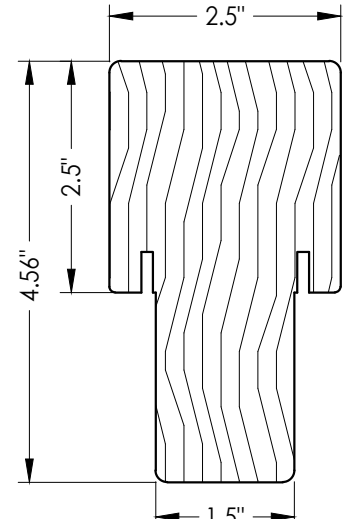
3 COMPOSITE MULLION



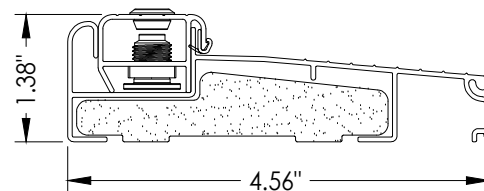
3 COMPOSITE MULLION



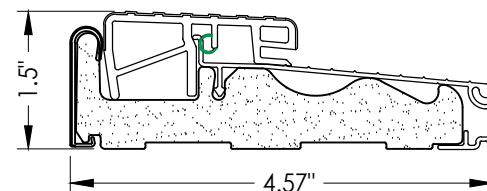
4 WOOD MULLION



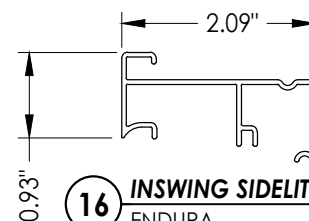
4 **WOOD MULLION** ENDURA FrameSaver



14 **INSWING ADJUSTABLE THRESHOLD**
ZAILAA4565



15 OUTSWING THRESHOLD



16 **INSWING SIDELITE BASE**
ENDURA

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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IR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

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SHEET 14 OF 14