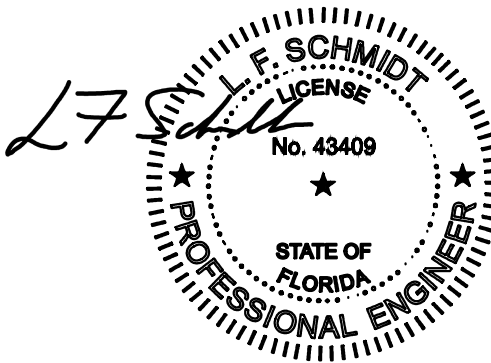


**GLAZED FIBERGLASS DOOR
DOUBLE w/ SIDELITE(S)
INSWING/OUTSWING
"IMPACT"**

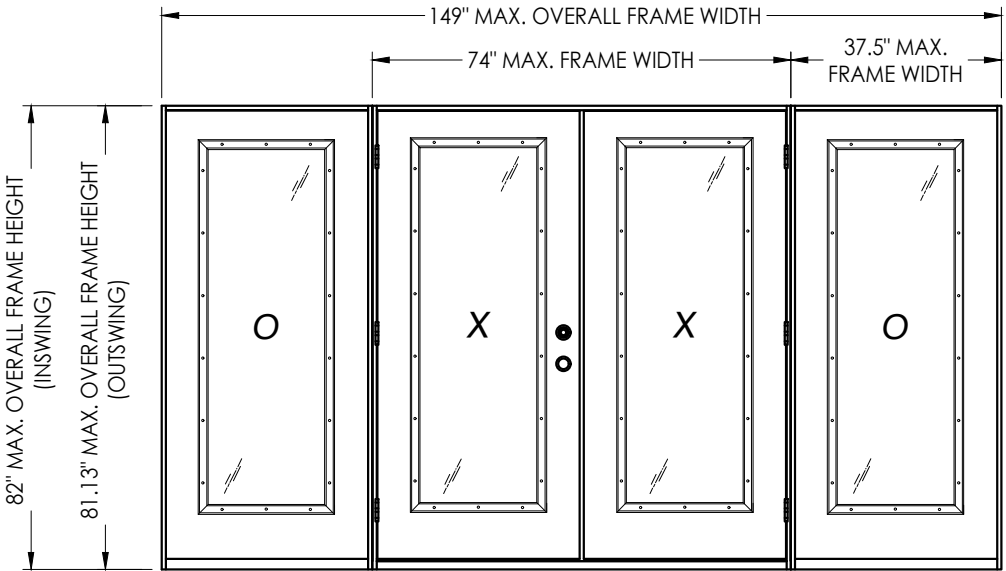
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be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

SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	8	Horizontal & Vertical Cross Sections (2X Buck)
2	Door Panel Details	9	Horizontal & Vertical Cross Sections (1X Buck)
3	Sidelite Panel Details	10	Horizontal & Vertical Cross Sections (Direct to Masonry)
4	Lite Frame Glazing Details (Alum. Flat Frame)	11	Vertical Cross Sections (Thresholds)
5	Lite 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

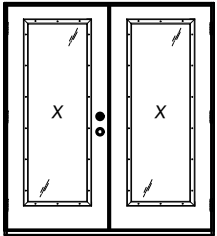


This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

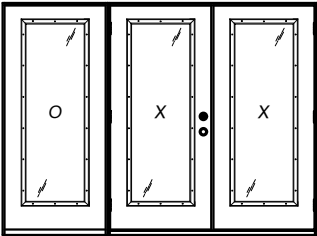
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



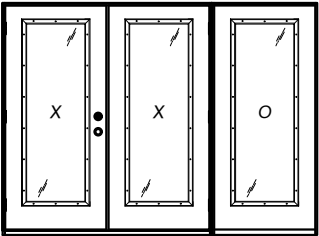
OXXO



XX



OXX, XXO



OXX, XXO

CONFIGURATION	MAX. FRAME DIMENSION	FRAME MATERIAL	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74" x 82.0"	WOOD	+45.0	-50.0	+50.0	-50.0
OXX, XXO	111.5" x 82.0"		+45.0	-50.0	+50.0	-50.0
OXXO	149" x 82.0"		+45.0	-50.0	+50.0	-50.0
XX	74" x 82.0"	COMPOSITE	+50.0	-50.0	+50.0	-50.0
OXX, XXO	111.5" x 82.0"		+50.0	-50.0	+50.0	-50.0
OXXO	149" x 82.0"		+50.0	-50.0	+50.0	-50.0

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

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

ODL
FIBERGLASS DOOR

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

1	12/05/24		ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS	LFS	
NO.	DATE				BY
REVISIONS					

DATE: 2/15/24

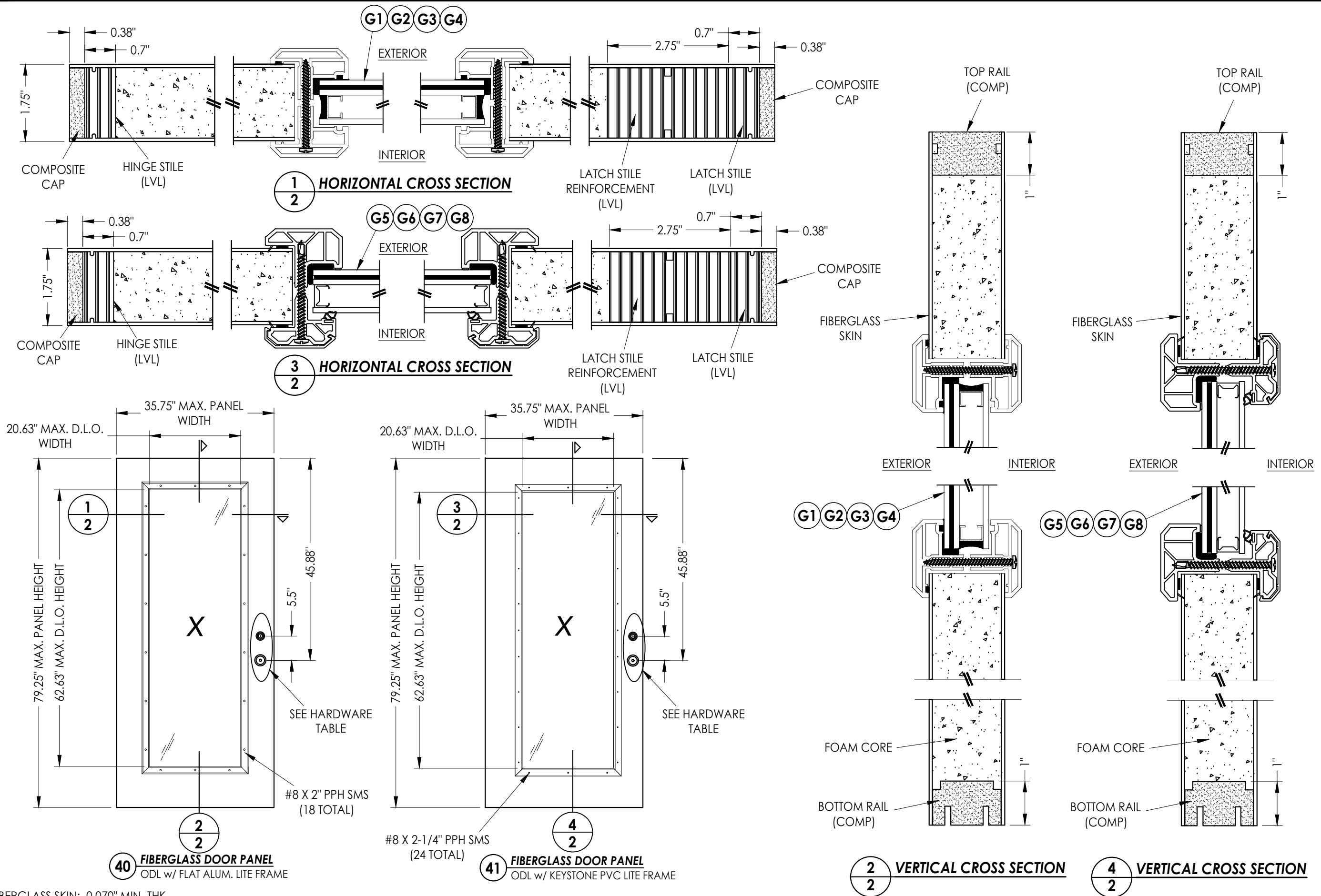
SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: *RW*

DRAWING NO.:
FL-46117.9

SHEET 1 OF 14

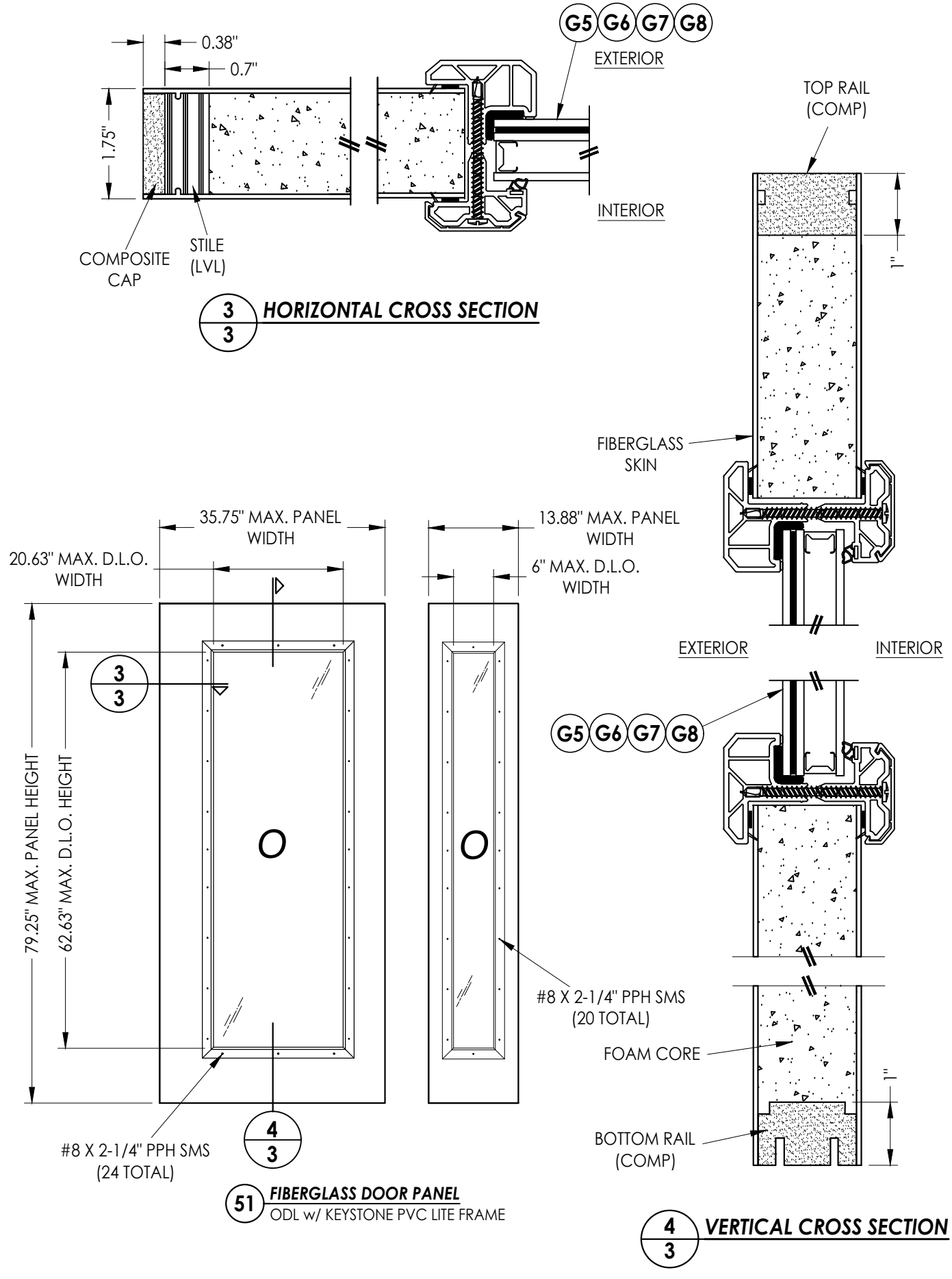
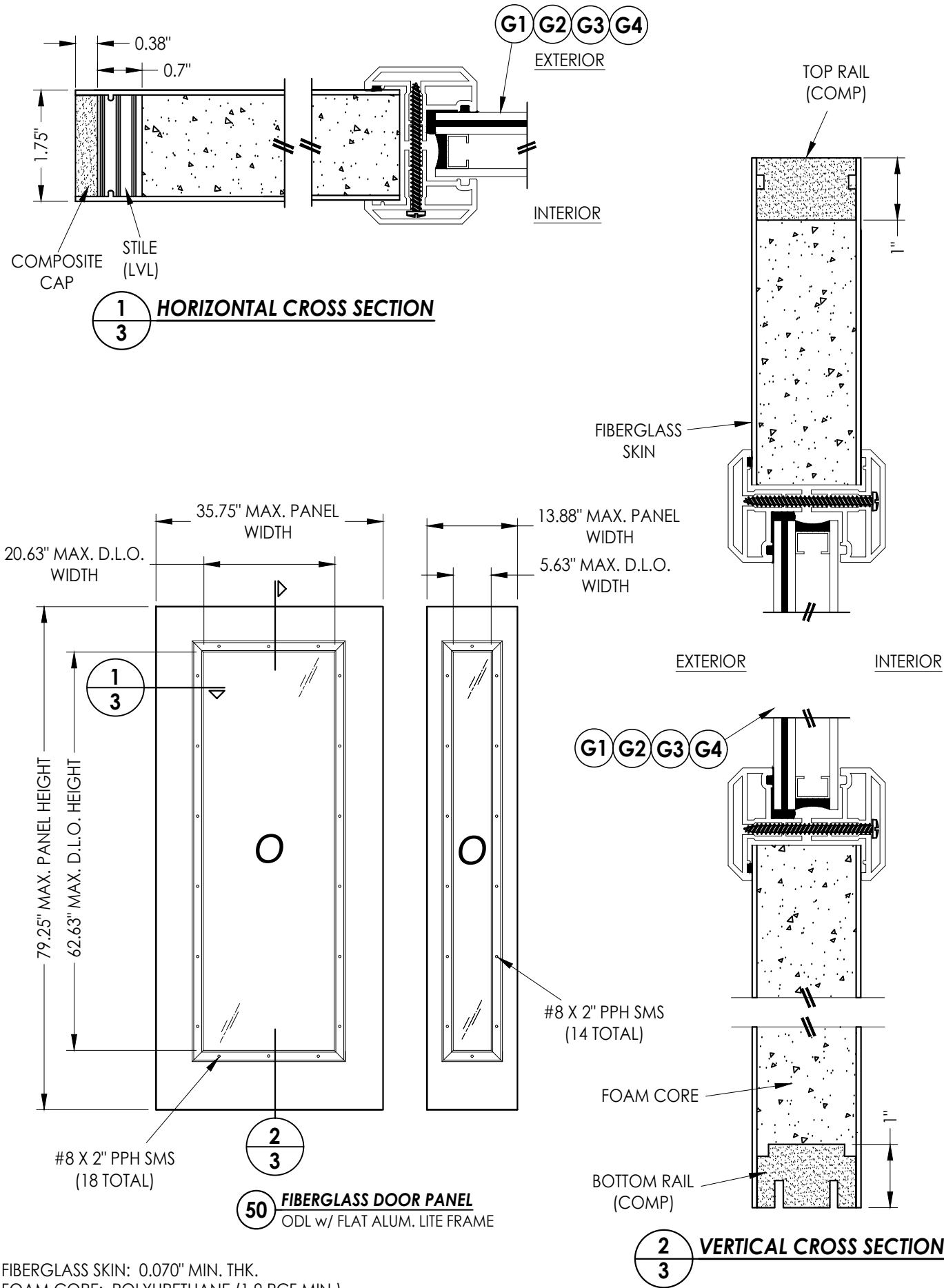


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

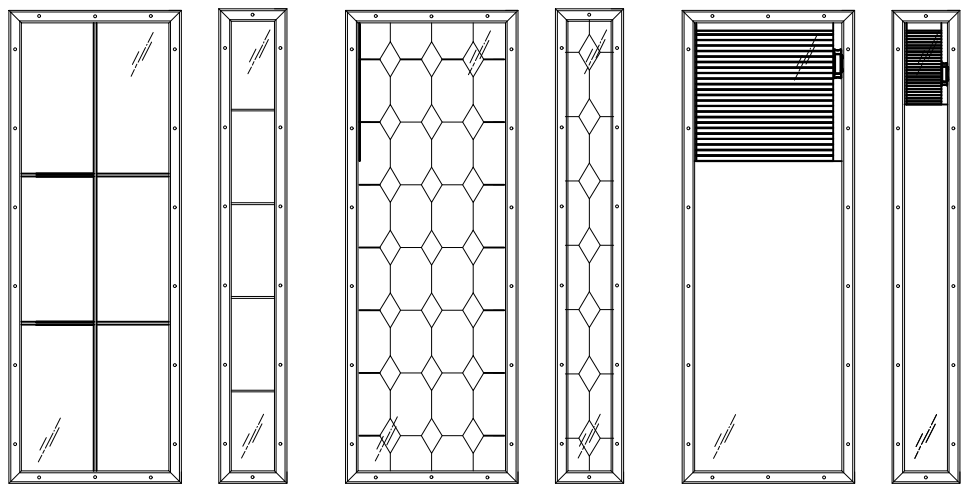
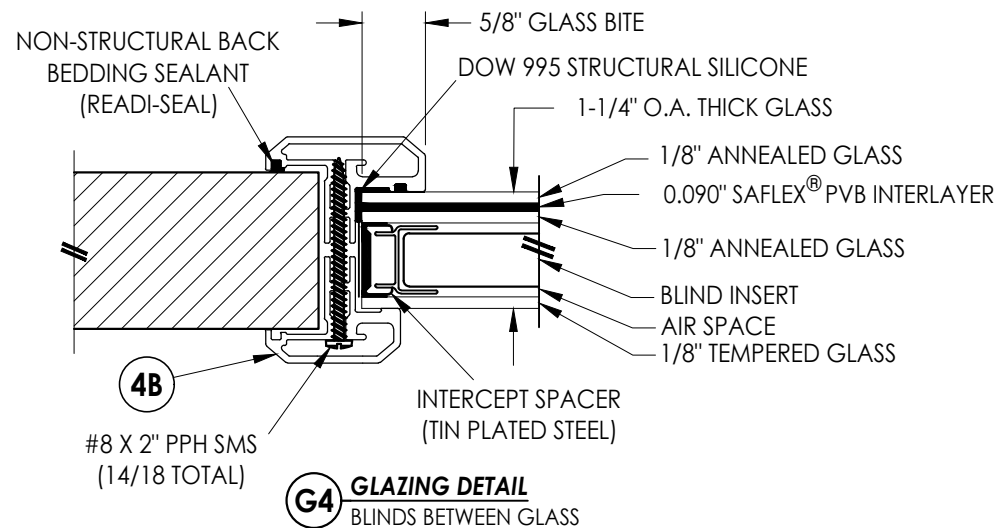
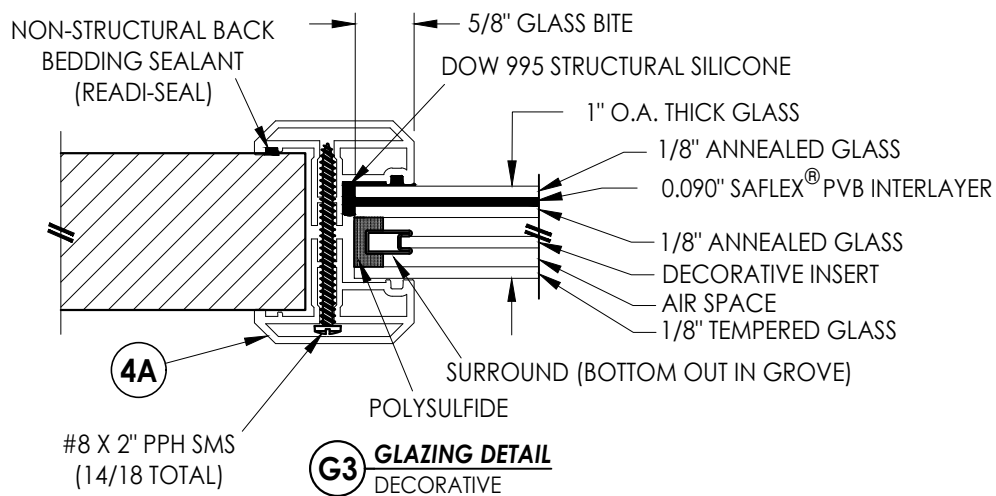
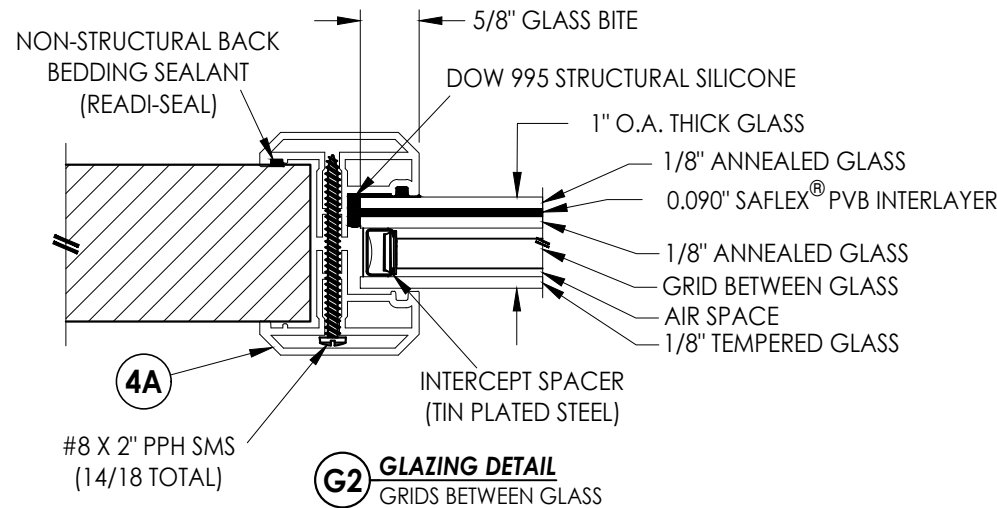
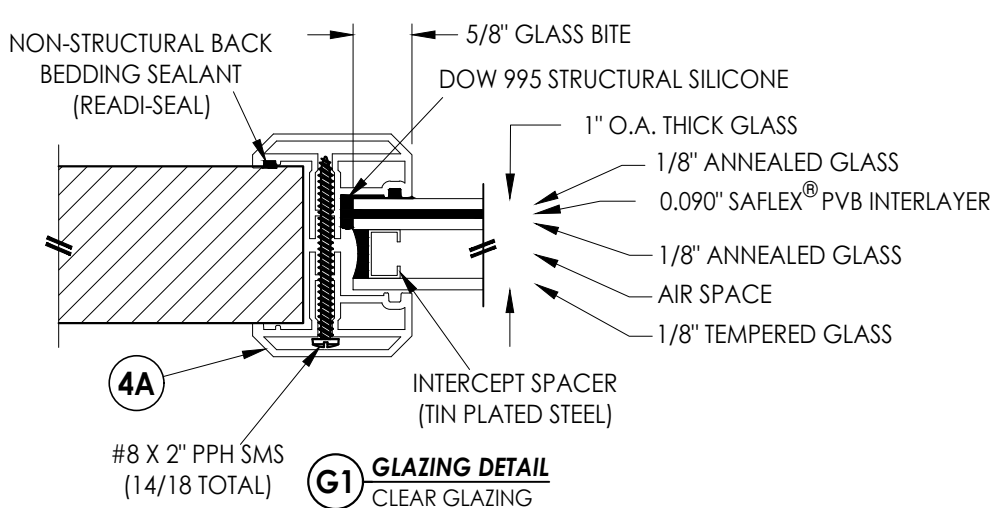
DATE:	2/15/24	
SCALE:	N.T.S.	
DWG. BY:	LFS	
CHK. BY:	RW	
DRAWING NO.:	FL-46117.9	
SHEET	2	OF 14

Z:\2023 FBC Drawings\ODL, Inc\FL-46117\FL-46117.9.dwg



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		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: SIDELITE PANEL DETAILS			
1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS	LFS
NO.	DATE		BY
		REVISIONS	
DATE: 2/15/24			
SCALE: N.T.S.			
DWG. BY:		LFS	
CHK. BY:		RW	
DRAWING NO.: FL-46117.9			
SHEET 3		OF 14	

Z:\2023 FBC Drawings\ODL, Inc\FL-46117\FL-46117.9.dwg

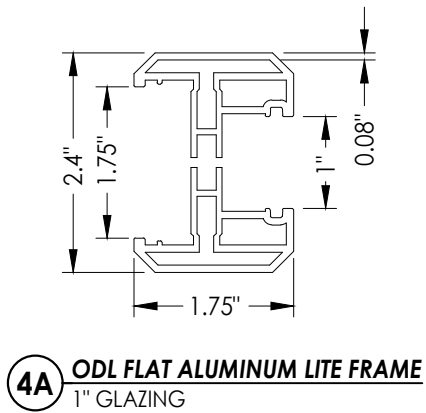


GRIDS BETWEEN
GLASS

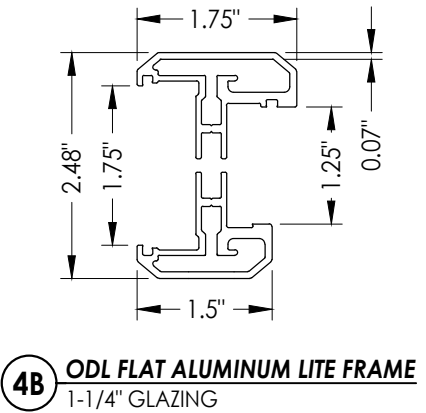
DECORATIVE

BLINDS BETWEEN
GLASS

ALTERNATE GLAZING DETAILS



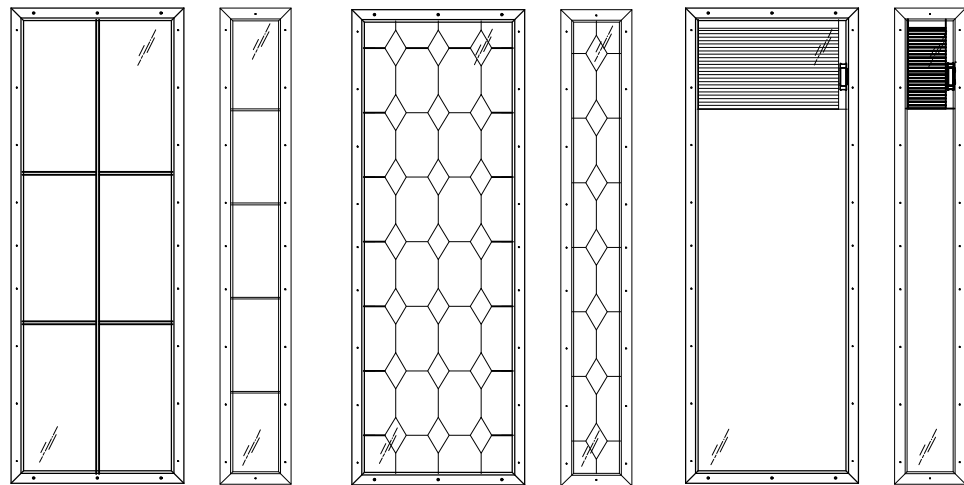
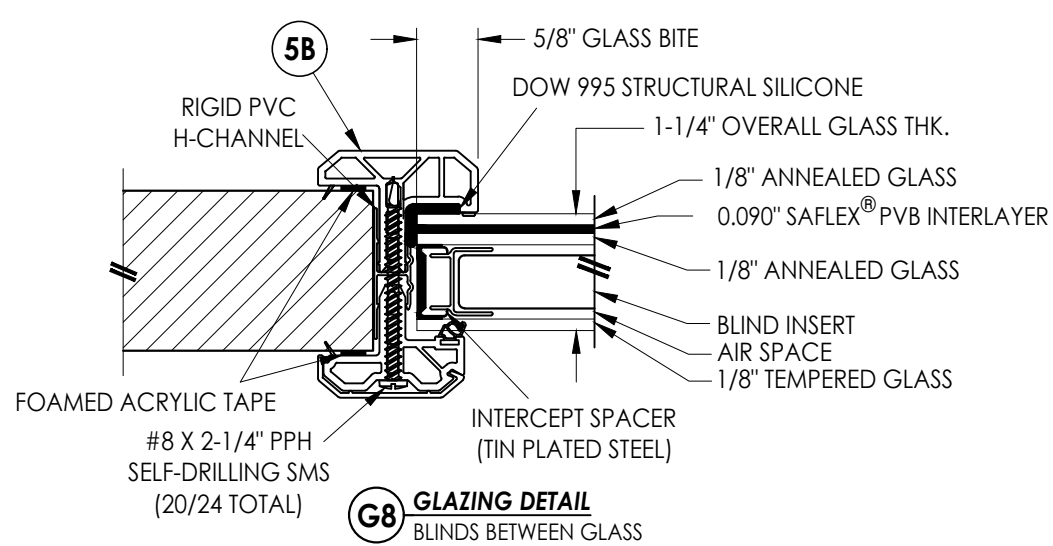
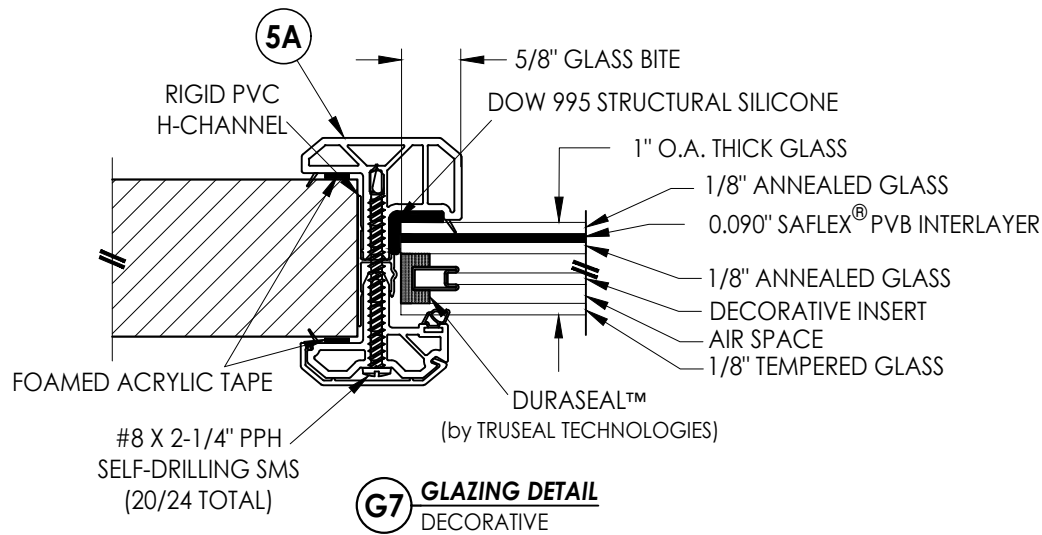
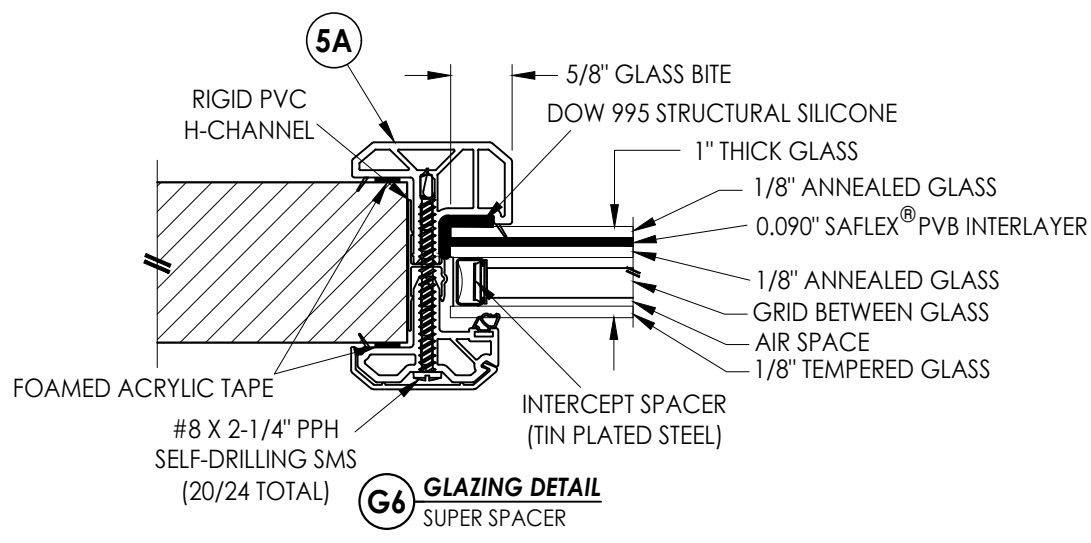
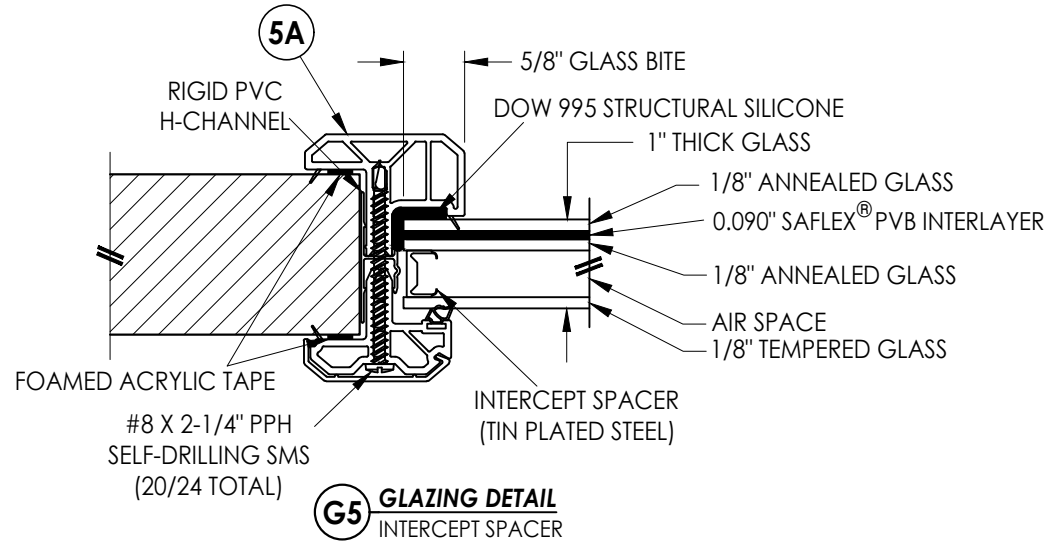
4A ODL FLAT ALUMINUM LITE FRAME
1" GLAZING



4B ODL FLAT ALUMINUM LITE FRAME
1-1/4" GLAZING

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		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: LITE FRAME GLAZING DETAILS (ALUMINUM FLAT FRAME)	
		LFS	BY
		ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS	
		NO.	DATE
DATE: 2/15/24		REVISIONS	
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46117.9			
SHEET 4 OF 14			

Z:\2023 FBC Drawings\ODL, Inc\FL-46117\FL-46117.9.dwg

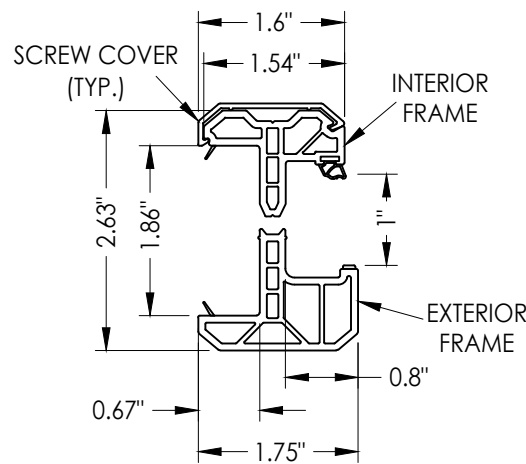


GRIDS BETWEEN
GLASS

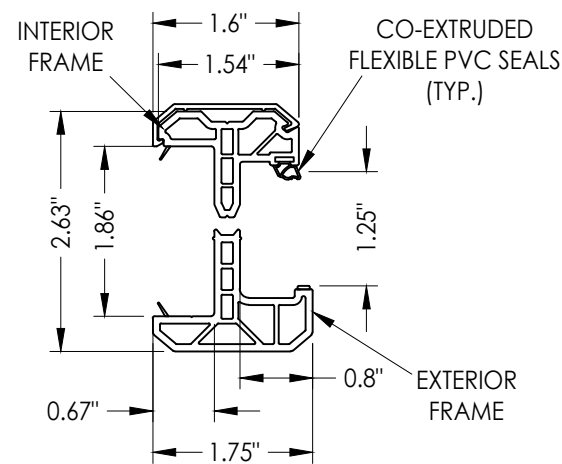
DECORATIVE

BLINDS BETWEEN
GLASS

ALTERNATE GLAZING DETAILS



5A ODL KEYSTONE PVC LITE FRAME
1" GLAZING



5B ODL KEYSTONE PVC LITE FRAME
1-1/4" GLAZING

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:
LITE FRAME GLAZING DETAILS
(KEYSTONE PVC FRAME)

NO.	DATE	REVISIONS	BY
1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS	LFS

DATE: 2/15/24

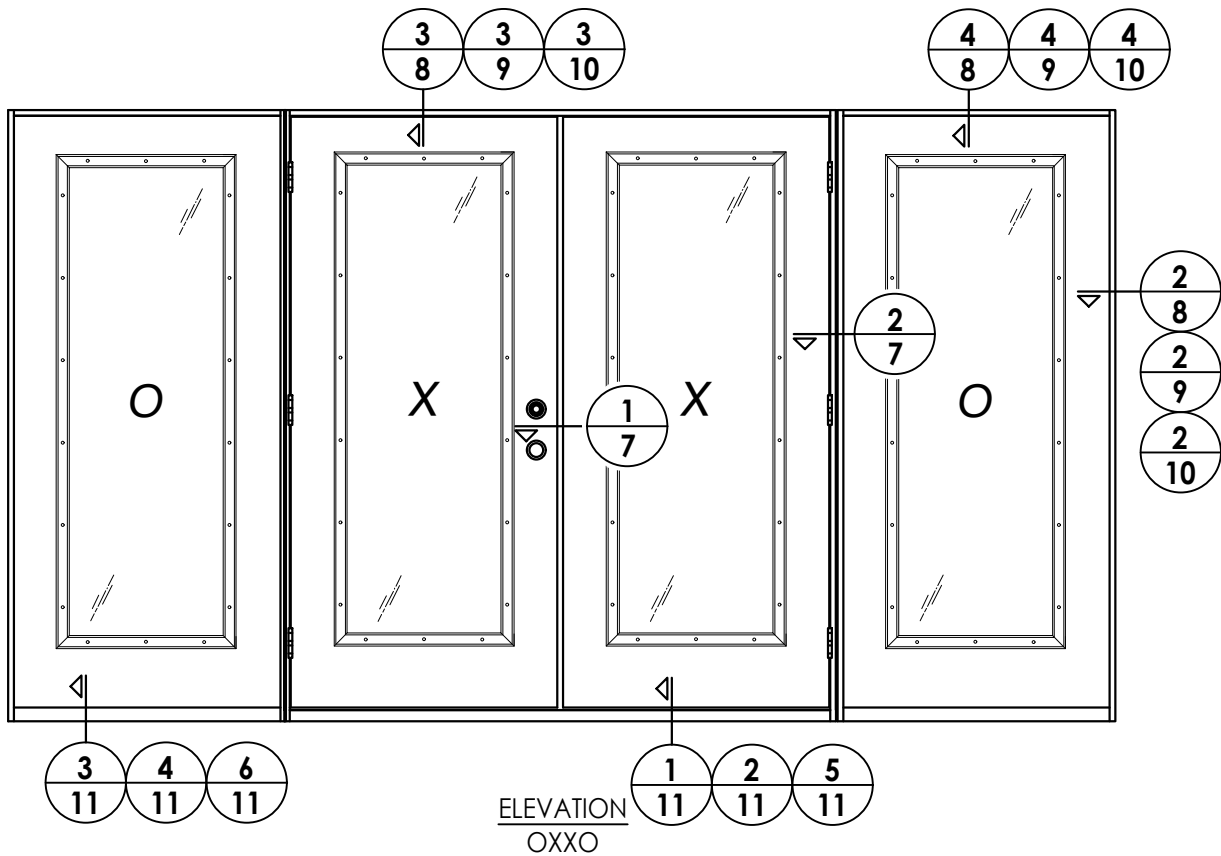
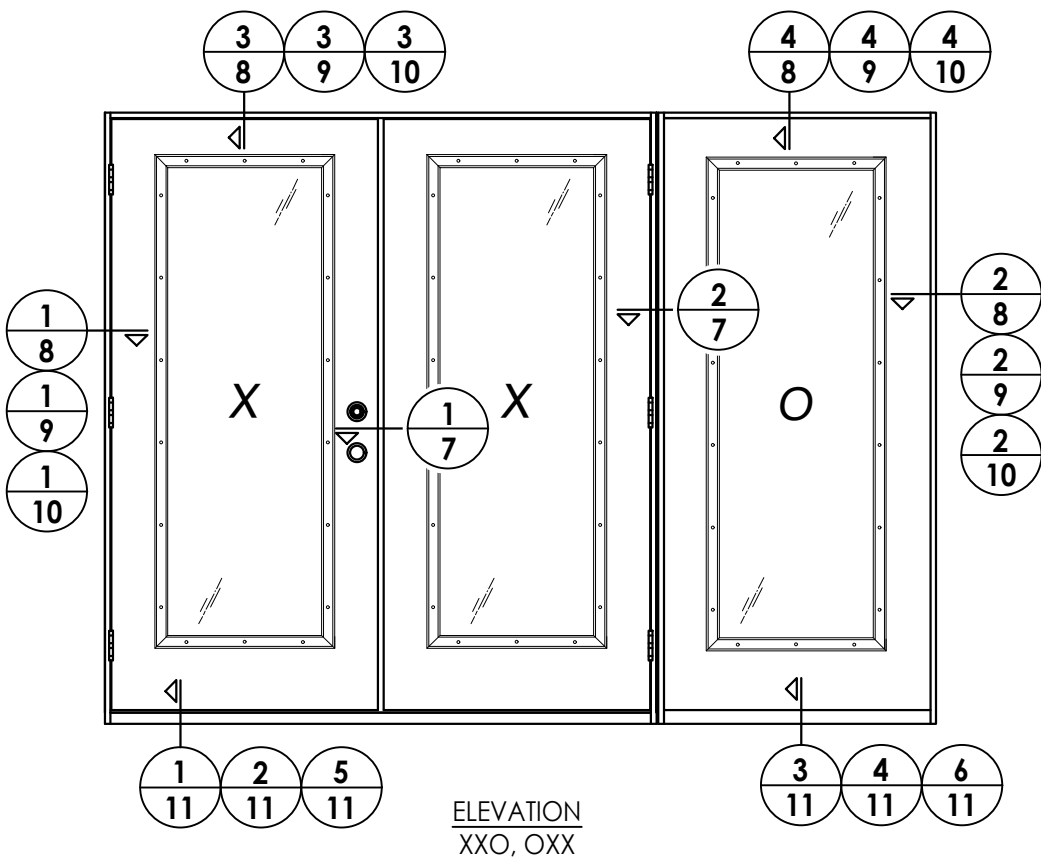
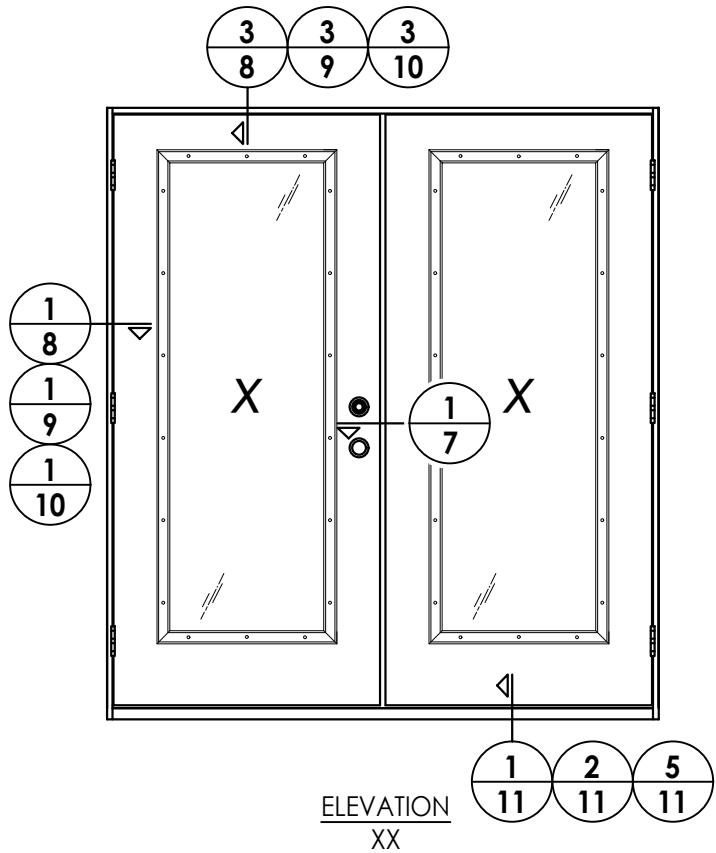
SCALE: N.T.S.

DWG. BY: LFS

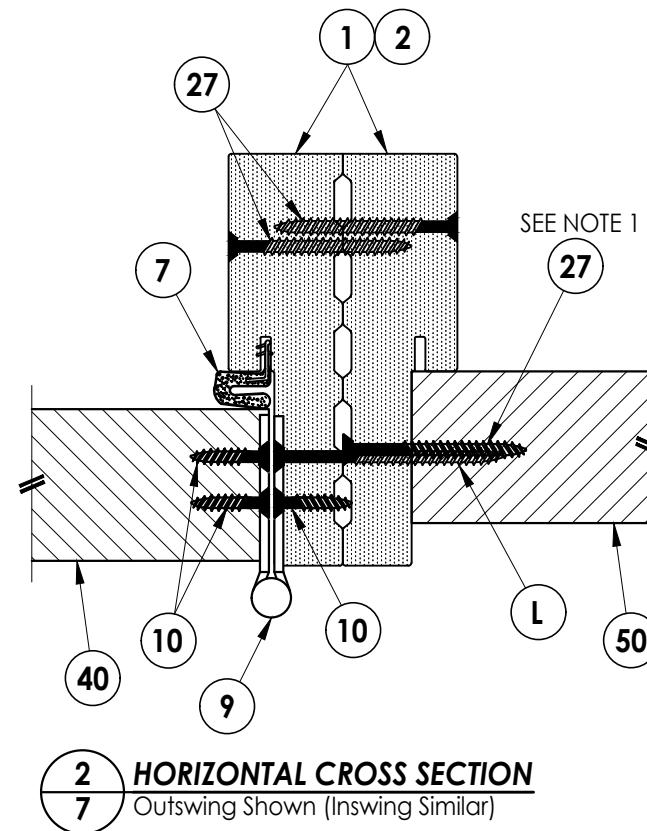
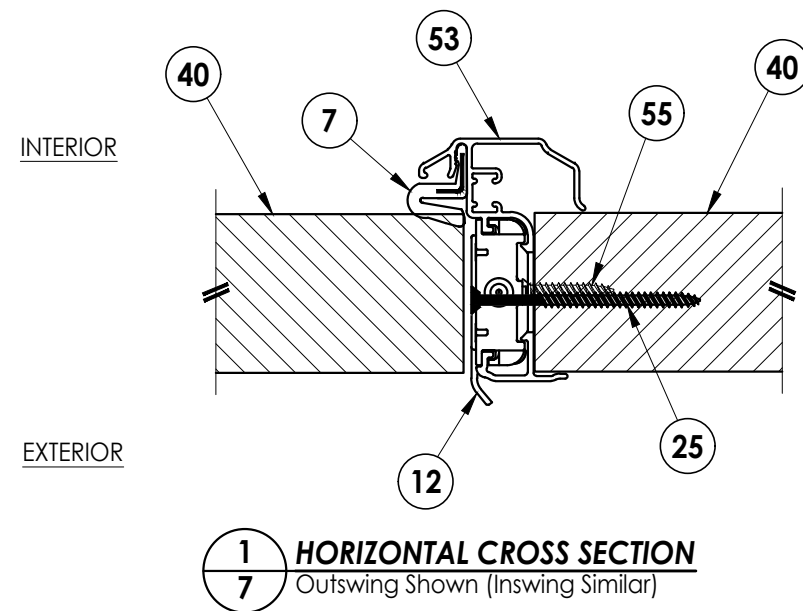
CHK. BY: RW

DRAWING NO.: FL-46117.9

SHEET 5 OF 14

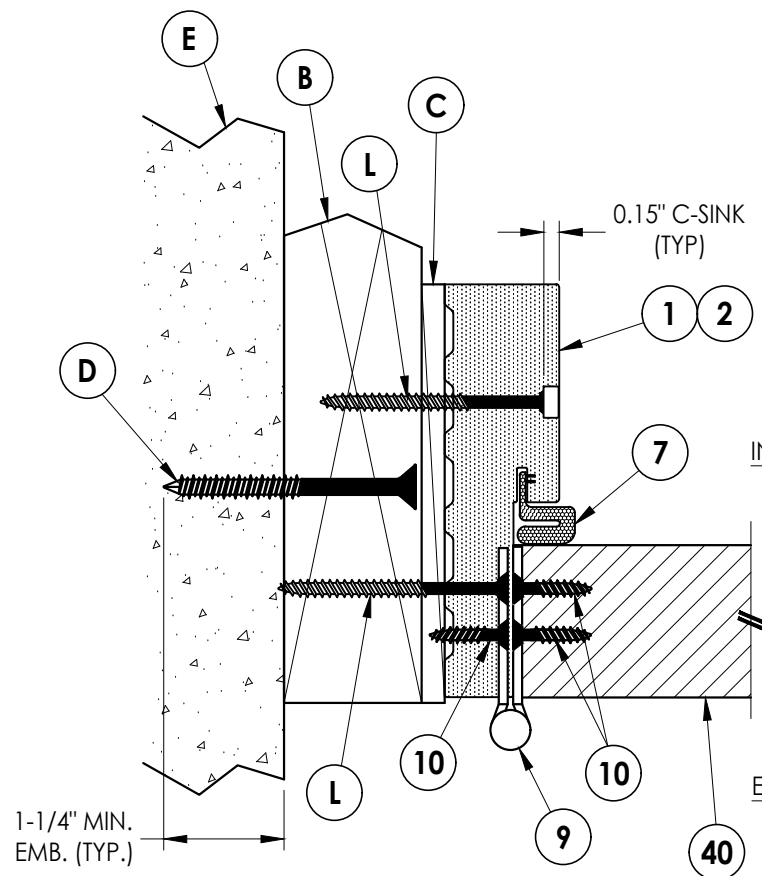


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: ELEVATIONS					
				LFS	ADD ALTERNATE JAMBS, ASTRAGAL,	REVISIONS	
				THRESHOLDS & GLAZING DETAILS			
				NO	DATE	BY	
DATE: 2/15/24							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46117.9							
SHEET 6 OF 14							

[illegible]

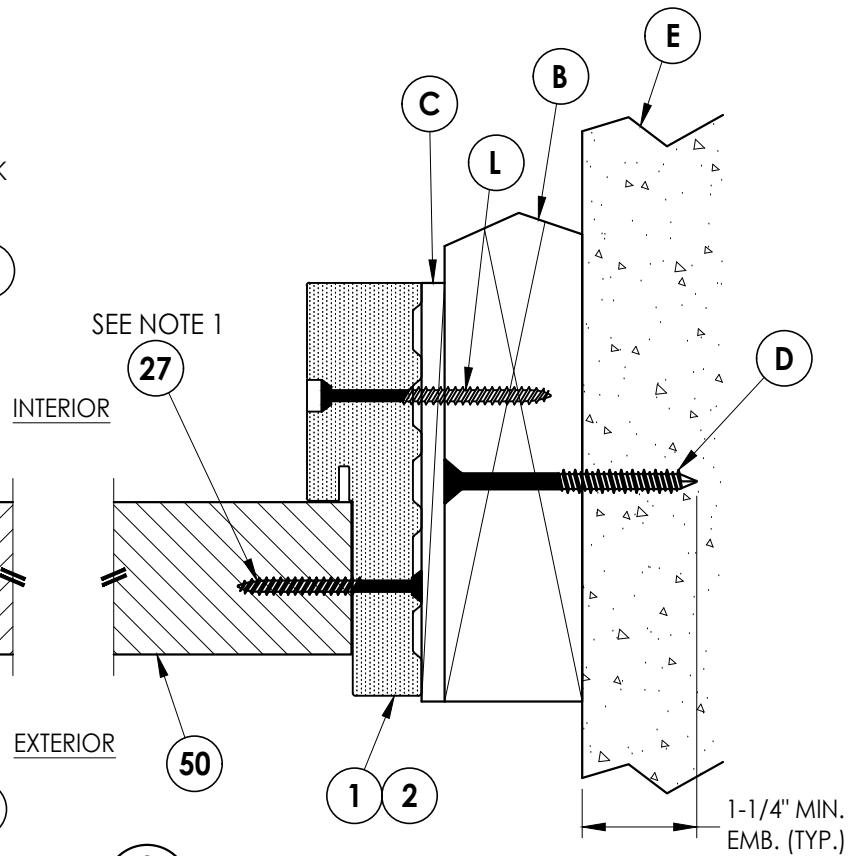
Notes:

1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).



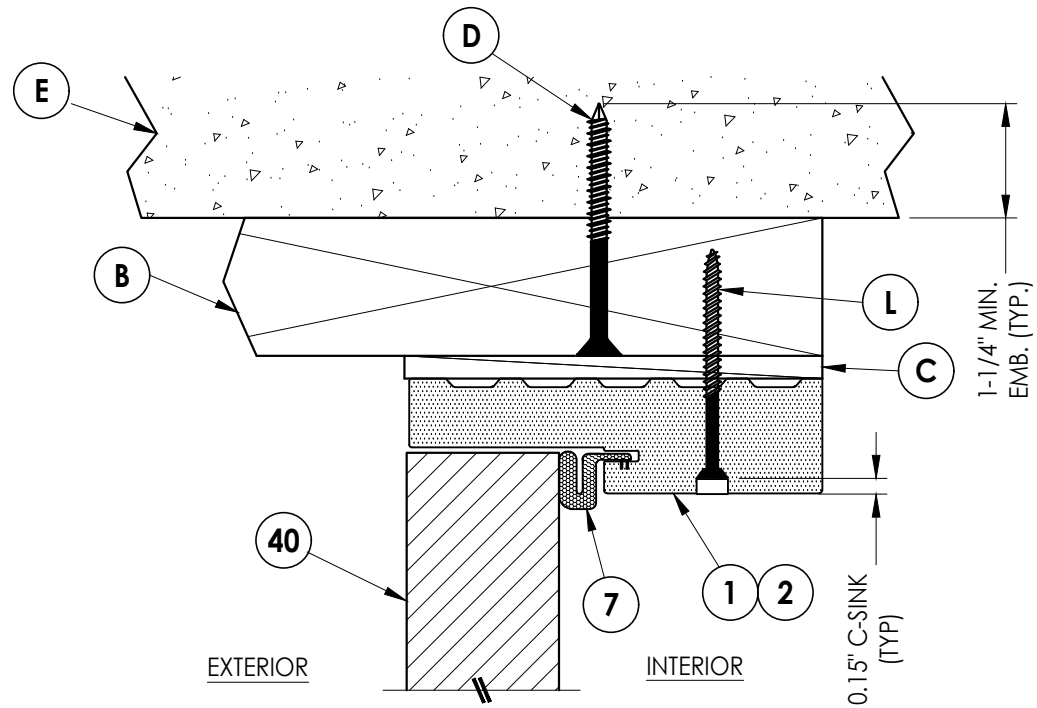
1 **HORIZONTAL CROSS SECTION**

8 Outswing Shown (Inswing Similar) Shown w/ 2X Buck

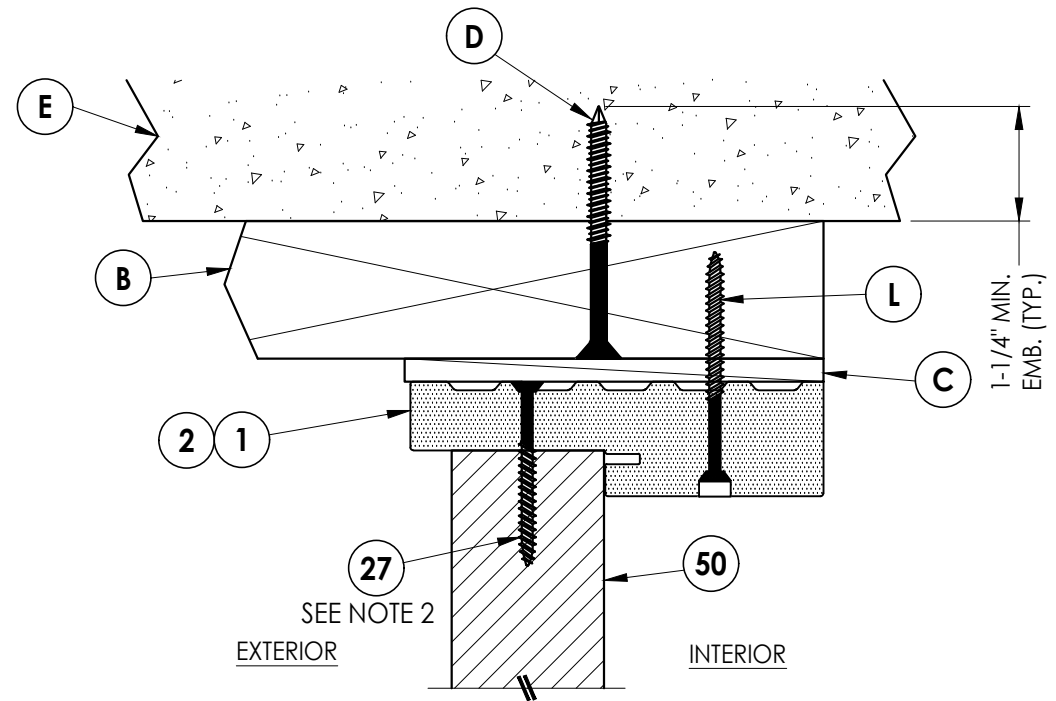


2 HORIZONTAL CROSS SECTION

8 Outswing Shown (Inswing Similar) Shown w/ 2X Buck



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



4 VERTICAL CROSS SECTION

8 Outswing Shown (Inswing Similar) Shown w/ 2X Buck

Notes:

1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).
2. Sidelite assembly screws located 10" from each end (2 screws total along head & sill). Note: Screws not required on 14" Sidelites.

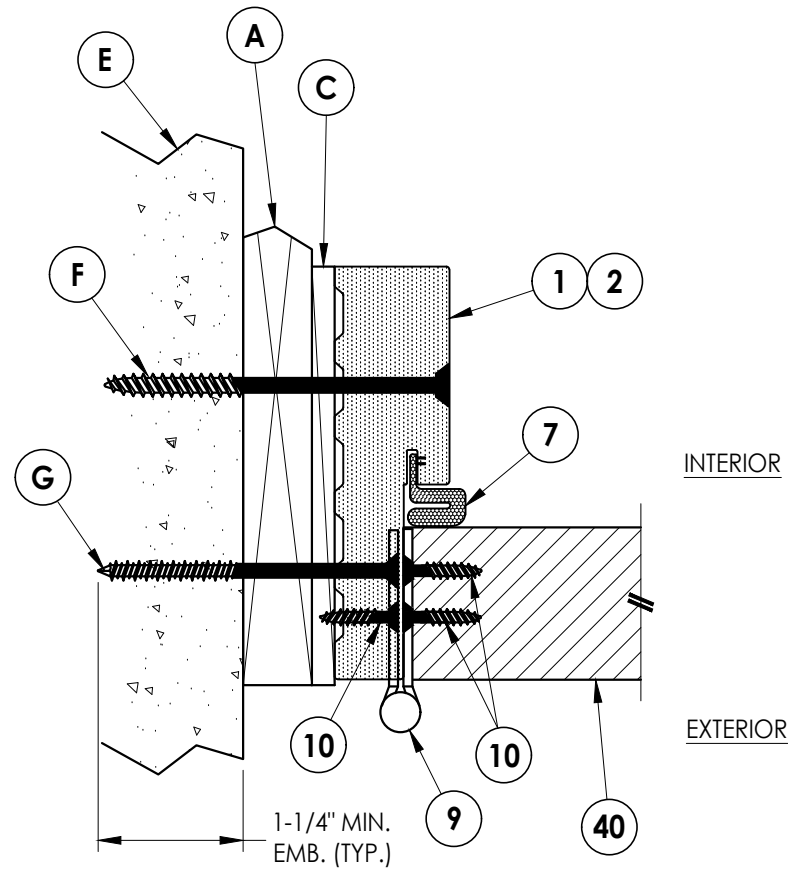
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT: ODL
FIBERGLASS DOOR

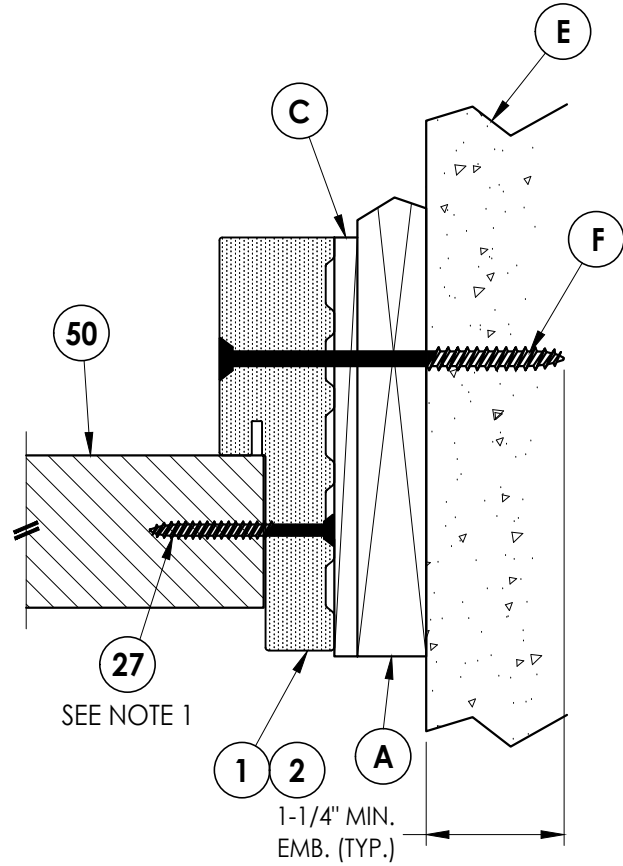
PORT OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)**

[illegible]



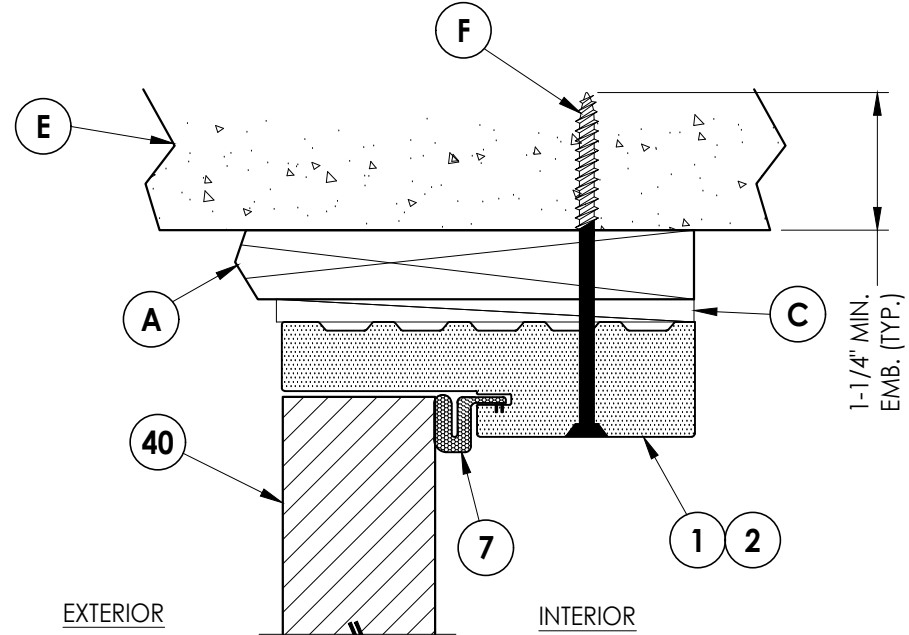
1 **HORIZONTAL CROSS SECTION**

9 Outswing Shown (Inswing Similar) Shown w/ 1X Buck

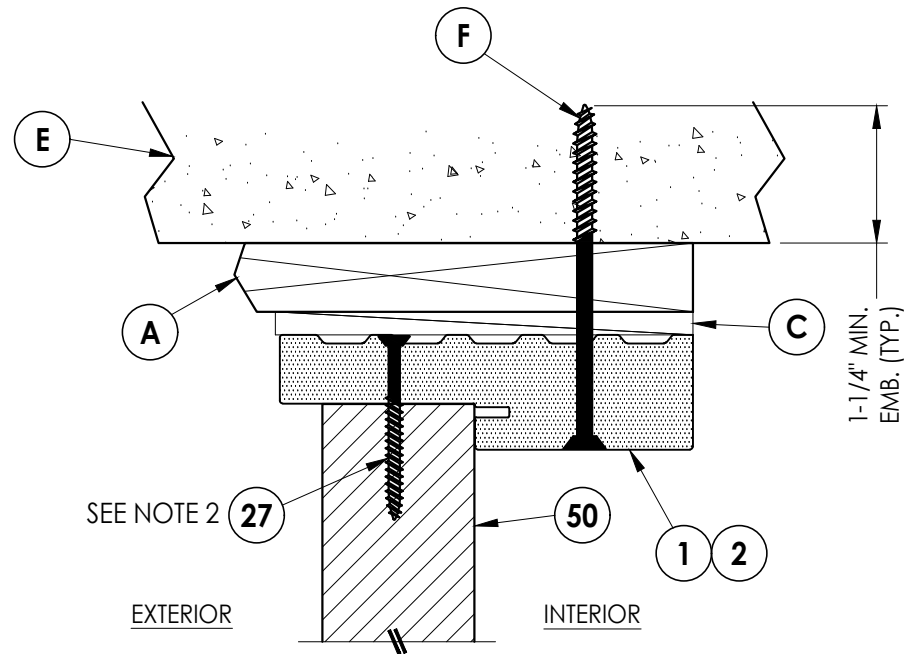


2 HORIZONTAL CROSS SECTION

9 Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



3 VERTICAL CROSS SECTION
9 Outswing Shown (Inswing Similar)
 Shown w/ 1X Buck



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

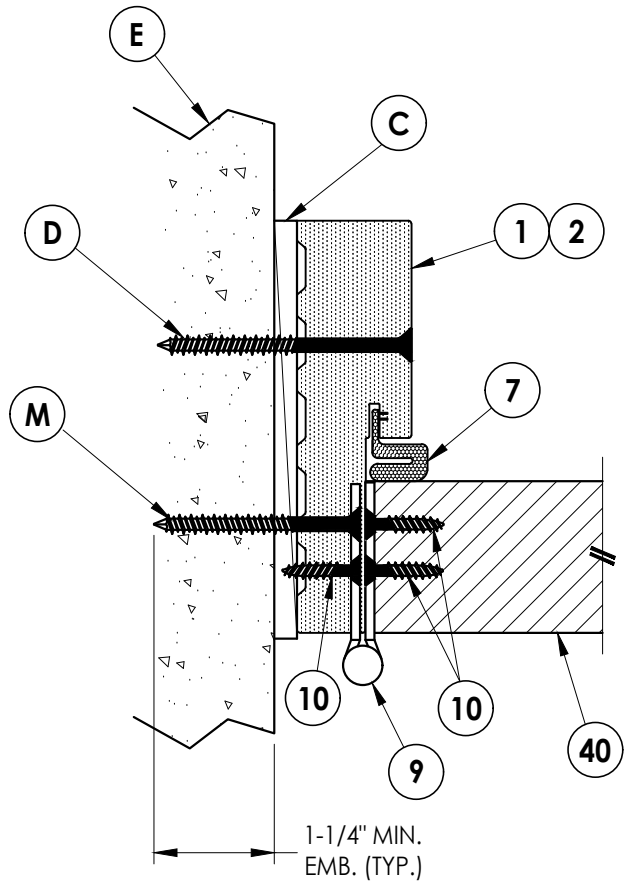
Notes:

1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).
2. Sidelite assembly screws located 10" from each end (2 screws total along head & sill). Note: Screws not required on 14" Sidelites.

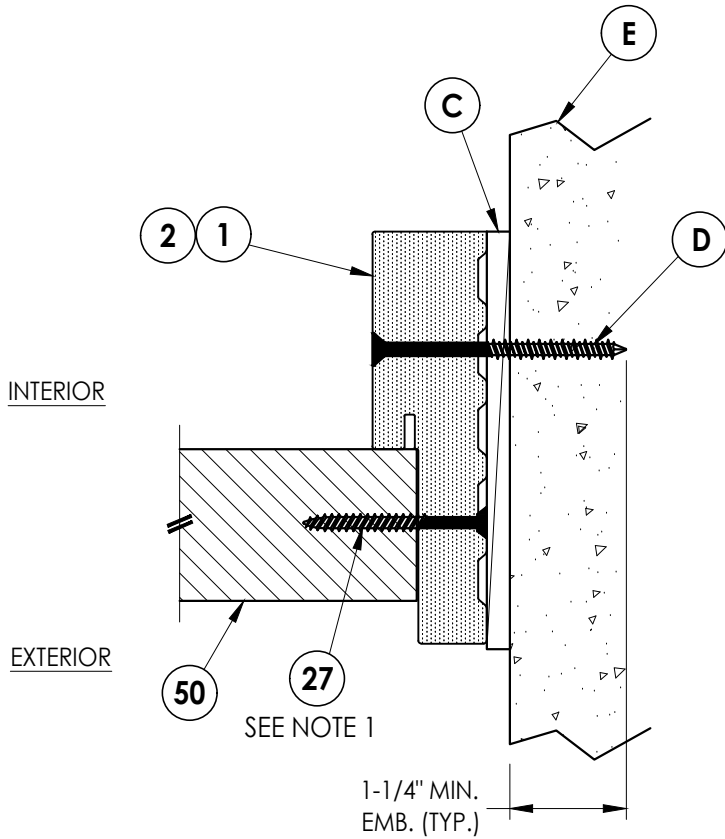
[illegible]

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

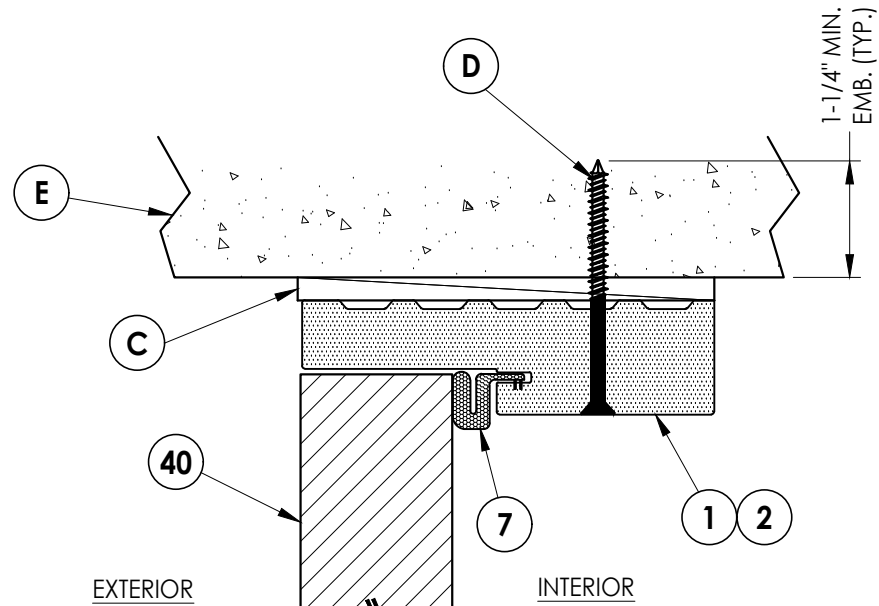
R^gW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



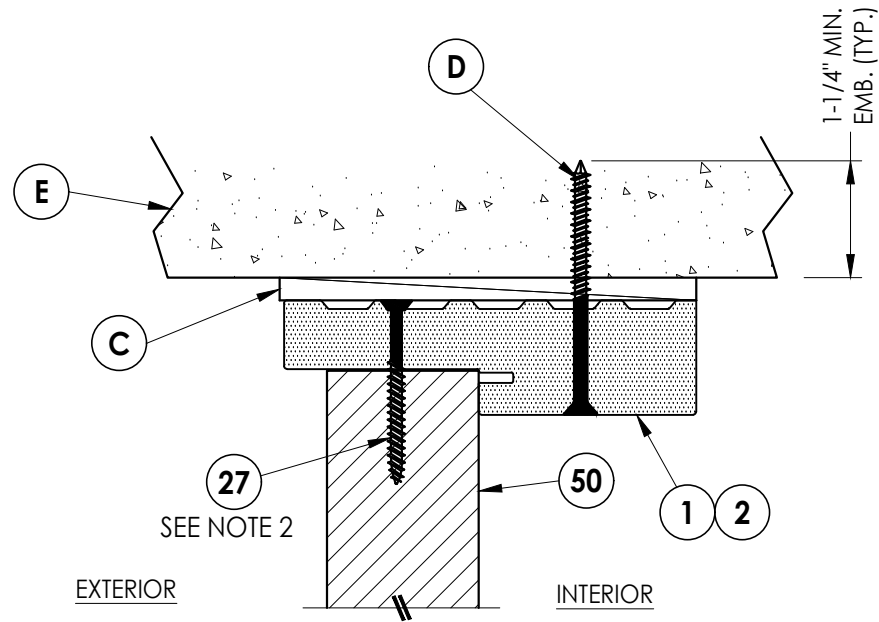
1
10 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



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



3
10 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



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

Notes:

1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).
2. Sidelite assembly screws located 10" from each end (2 screws total along head & sill). Note: Screws not required on 14" Sidelites.

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

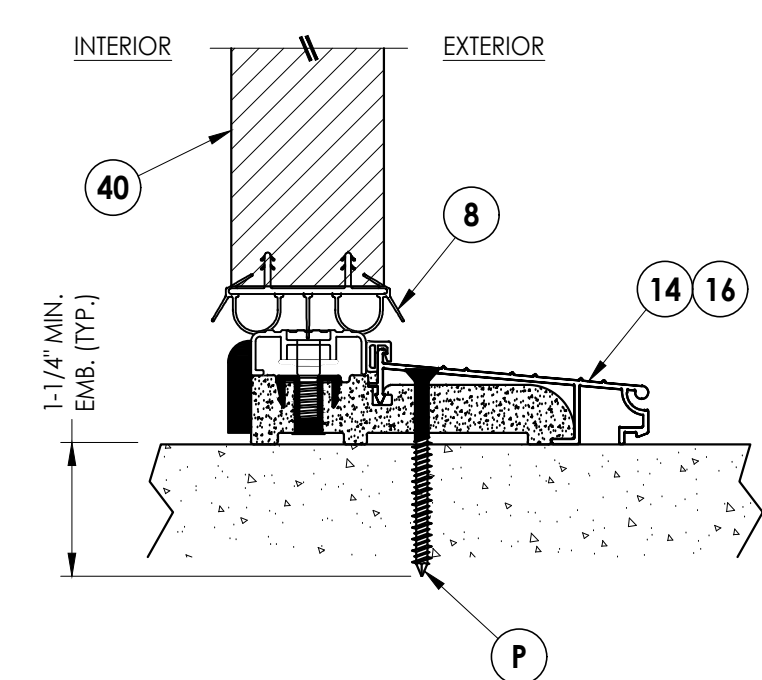
RW BUILDING CONSULTANTS, INC.

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

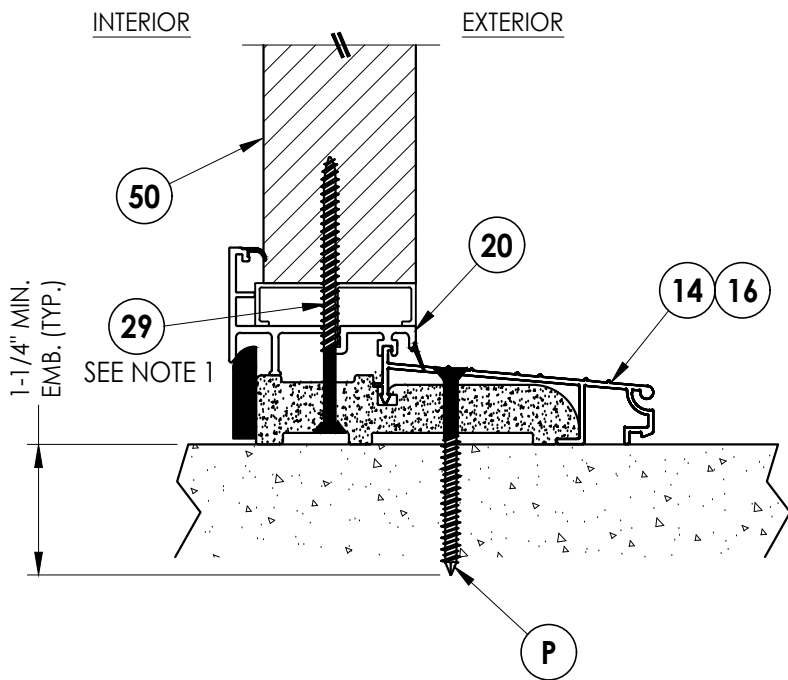
PRODUCT:		PART OR ASSEMBLY:	
ODL		FIBERGLASS DOOR	
		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	REVISIONS	BY
1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS	LFS
DATE: 2/15/24		SCALE: N.T.S.	
DWG. BY: LFS		CHK. BY: RW	
DRAWING NO.: FL-46117.9		SHEET 10 OF 14	

Z:\2023 FBC Drawings\ODL, Inc\FL-46117\FL-46117.9.dwg

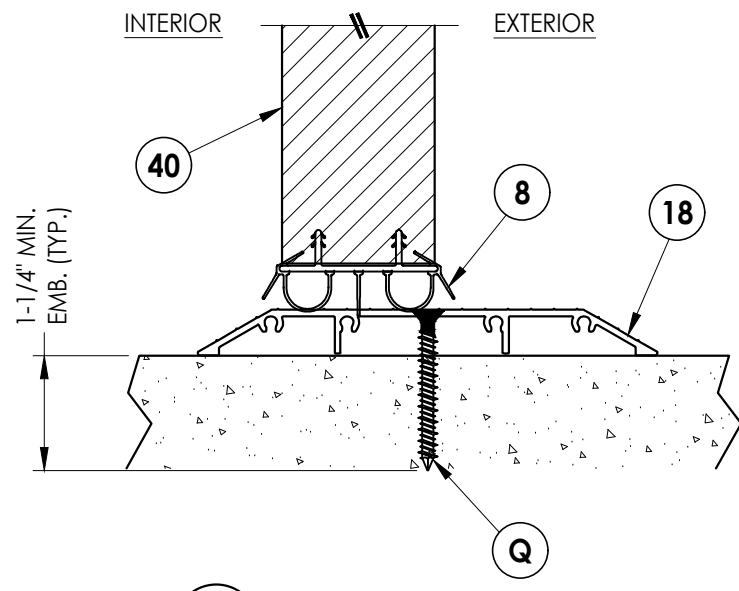
Note:
1. Sidelite assembly screws located 6" from each end (2 total @ sill).
(Note: Not required on 14" sidelites)



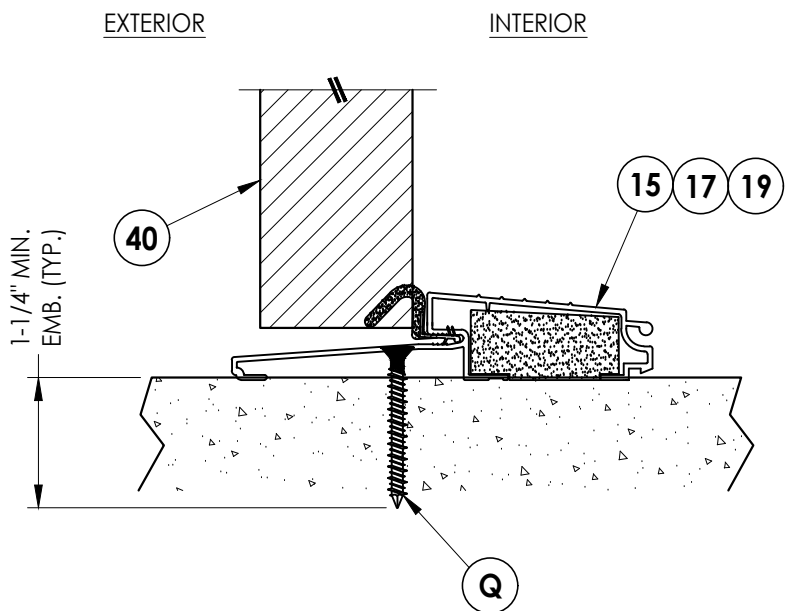
1
11 **VERTICAL CROSS SECTION**
Inswing Sill



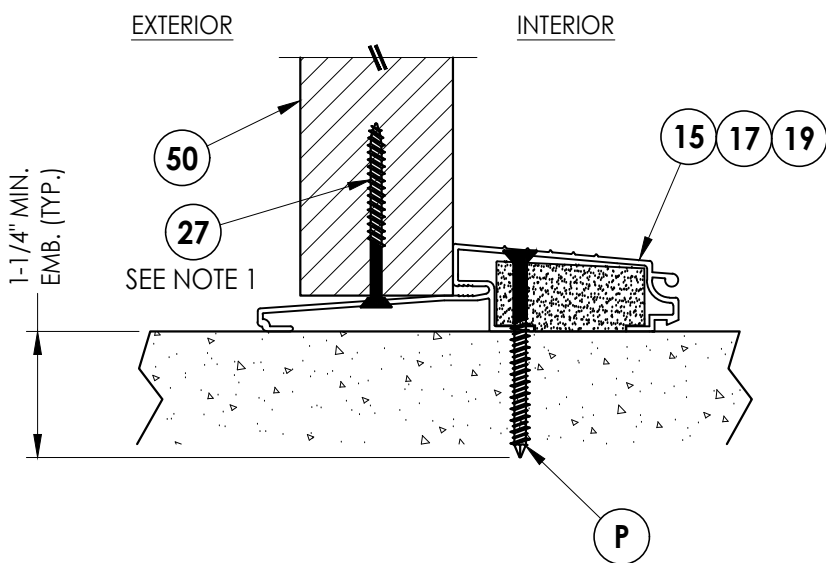
3
11 **VERTICAL CROSS SECTION**
ADA Sill



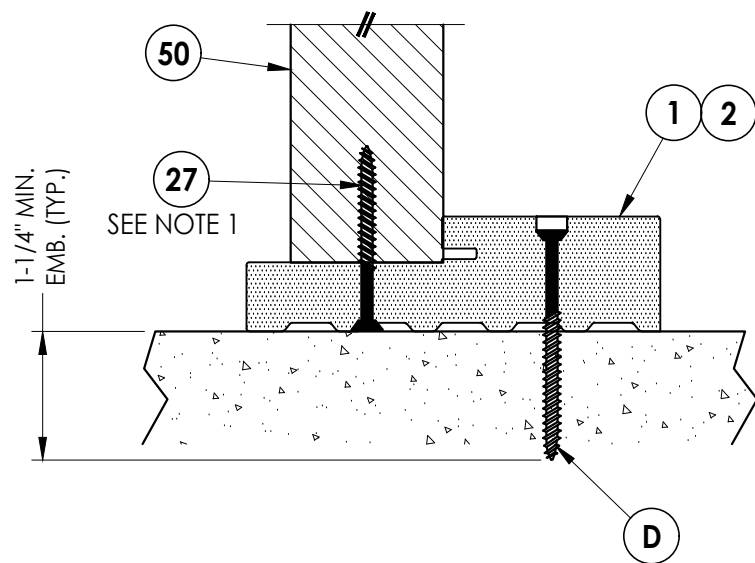
5
11 **VERTICAL CROSS SECTION**
ADA Sill



2
11 **VERTICAL CROSS SECTION**
Outswing Sill

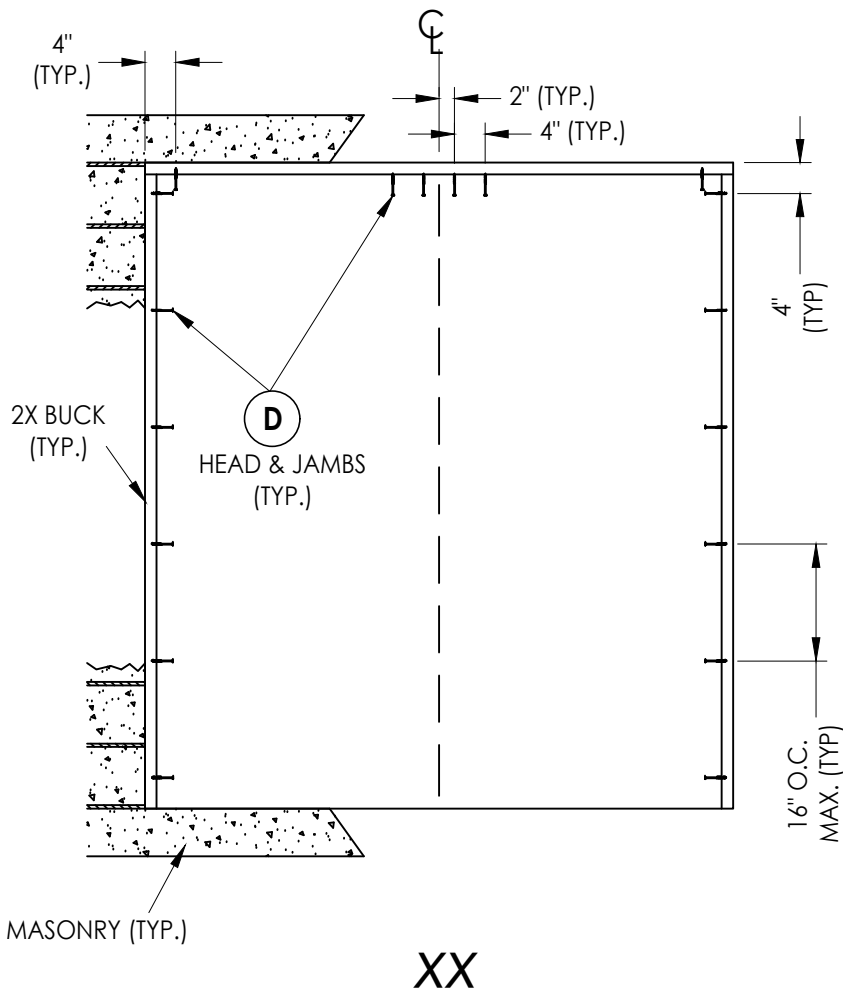


4
11 **VERTICAL CROSS SECTION**
Outswing Sill

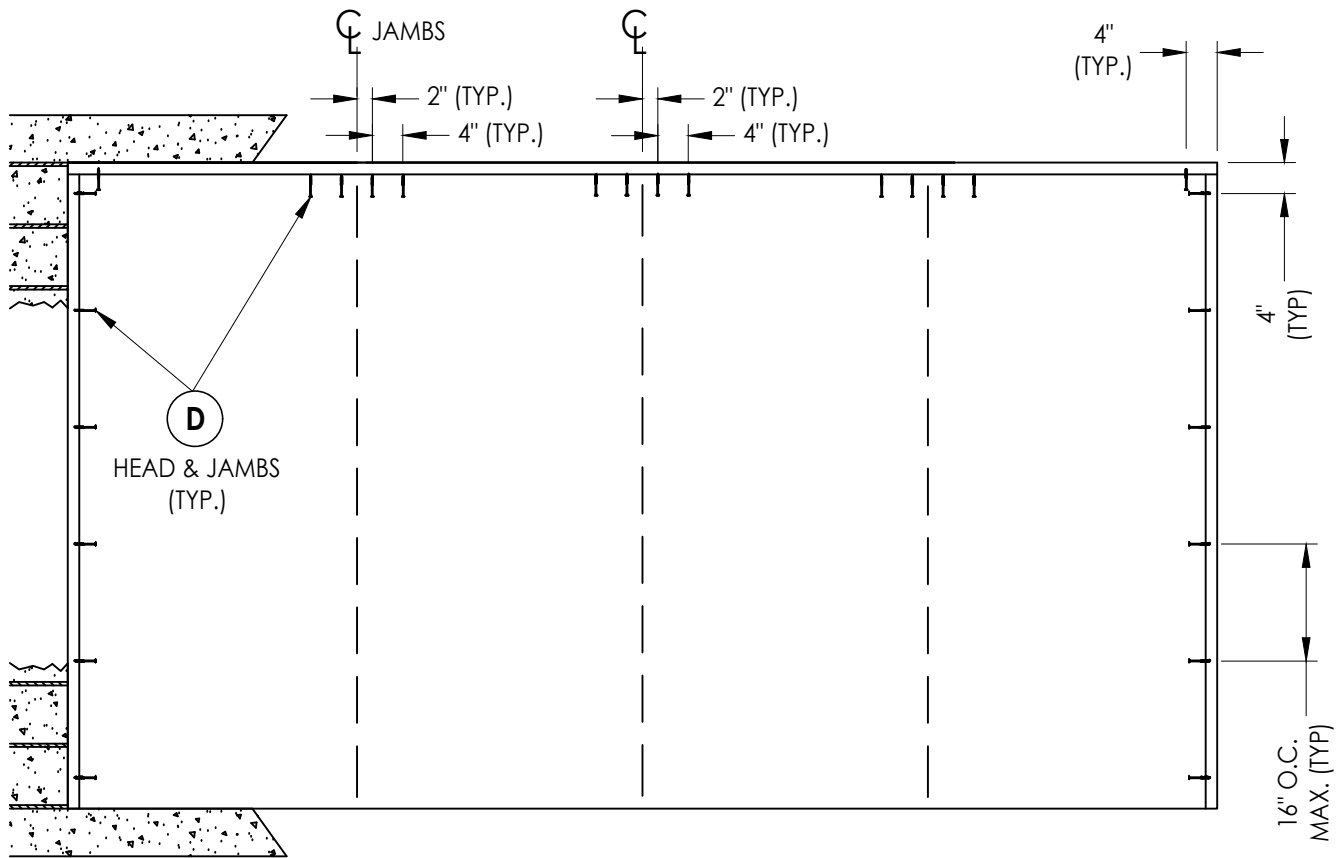


6
11 **VERTICAL CROSS SECTION**
Boxed Sidelite Sill

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		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)	
1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS	LFS
NO.	DATE		BY
		REVISIONS	
DATE: 2/15/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46117.9			
SHEET 11 OF 14			



XX



OXXO (Shown)
XXO, OXX (Similar)

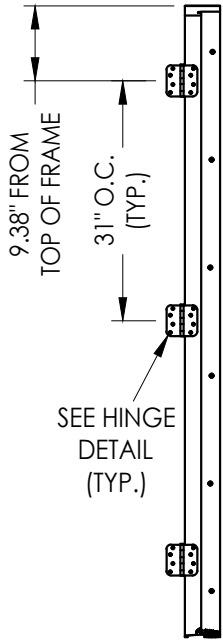
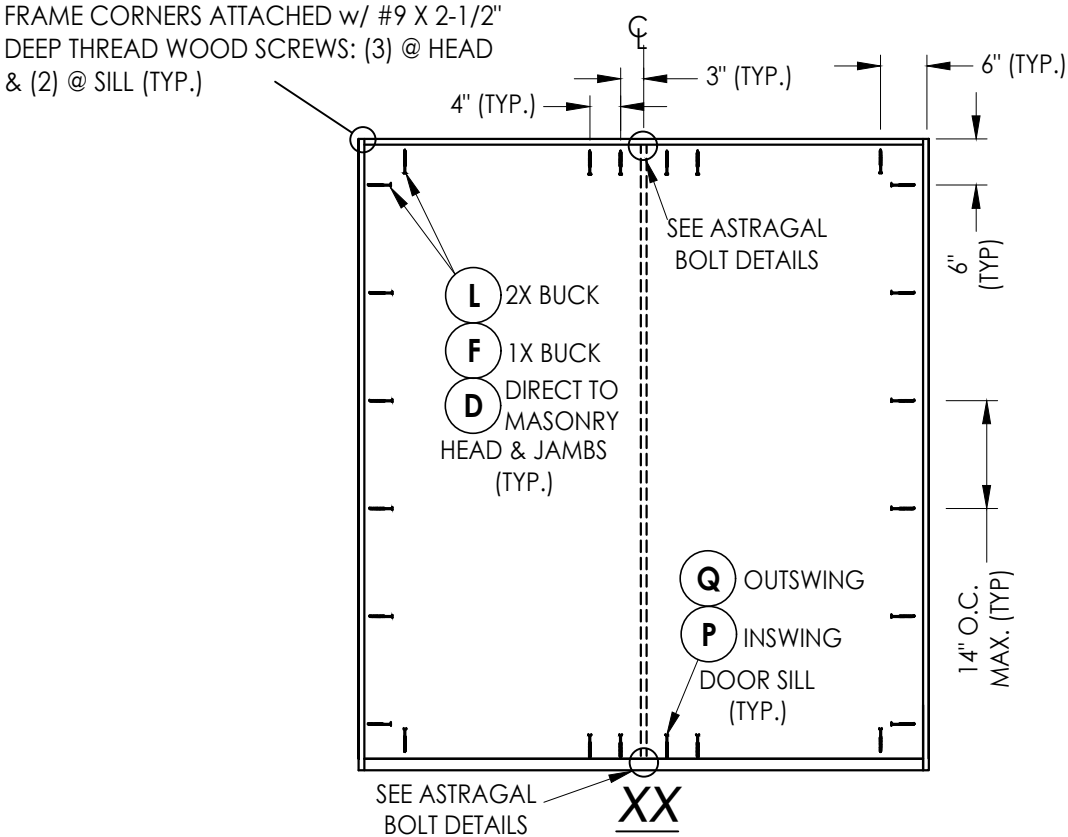
2X BUCK ANCHORING

[illegible]

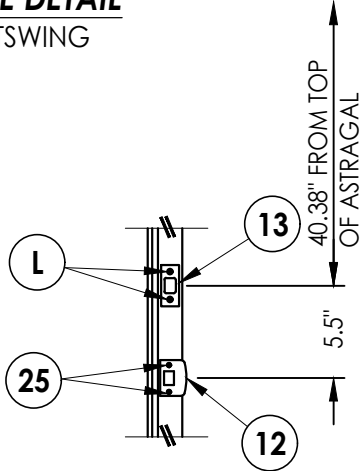
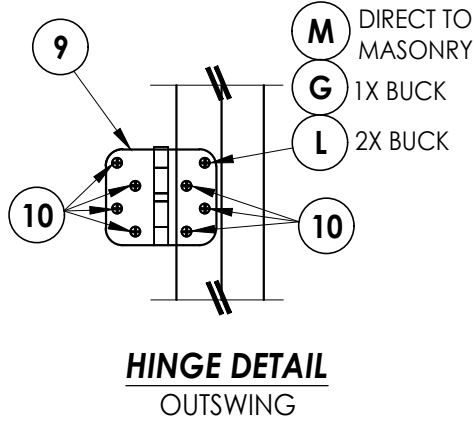
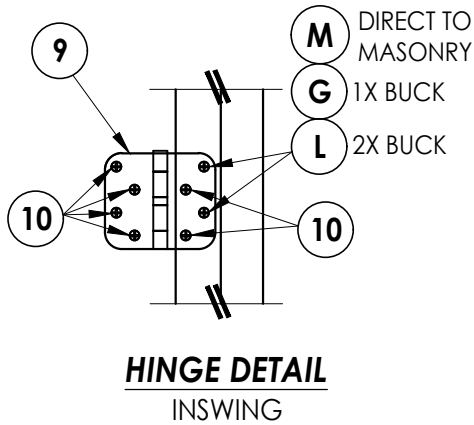
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

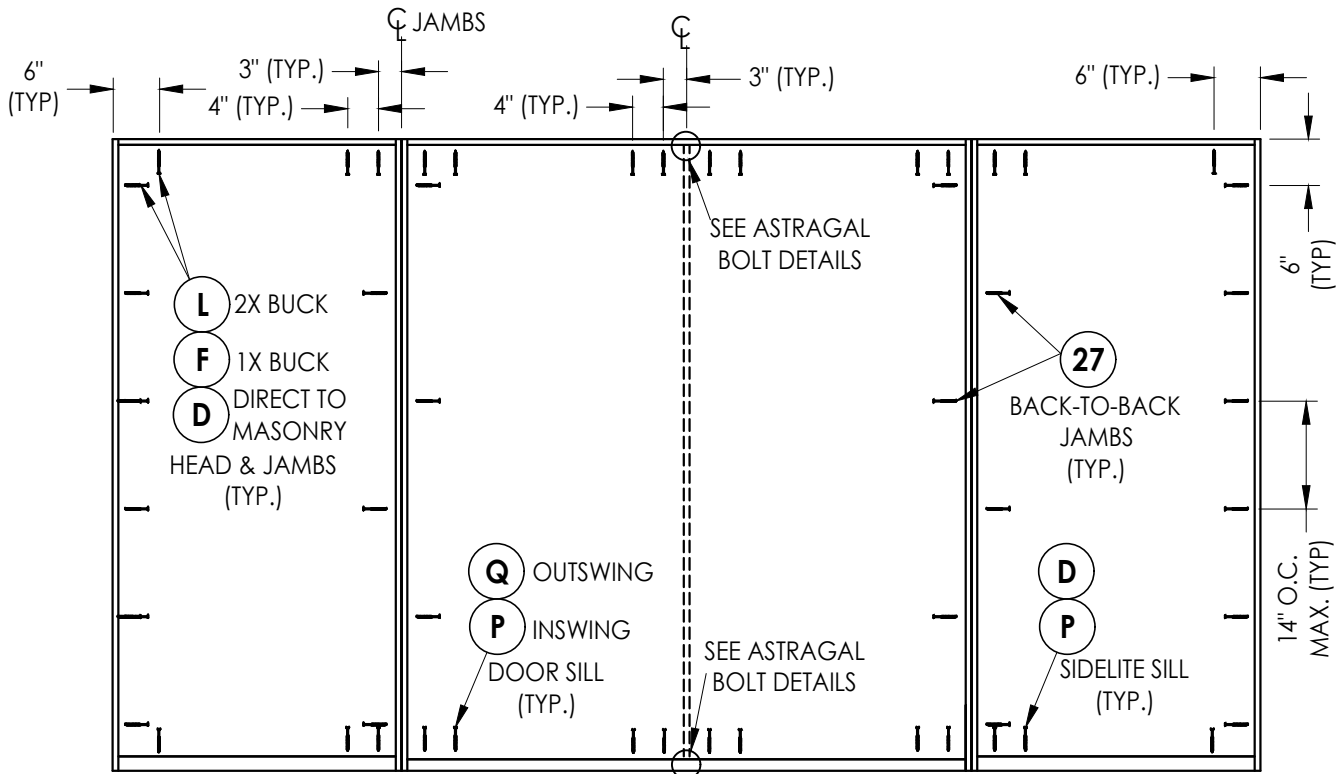
Z:\2023 FBC Drawings\ODL, Inc\FL-46117\FL-46117.9.dwg



HINGE JAMB



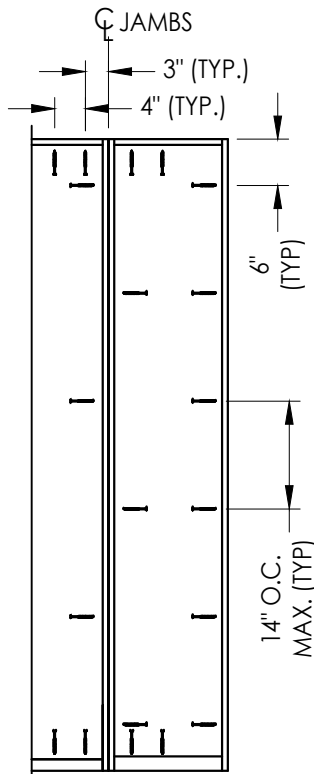
LATCH & DEADBOLT STRIKE PLATE DETAILS



OXXO (Shown)

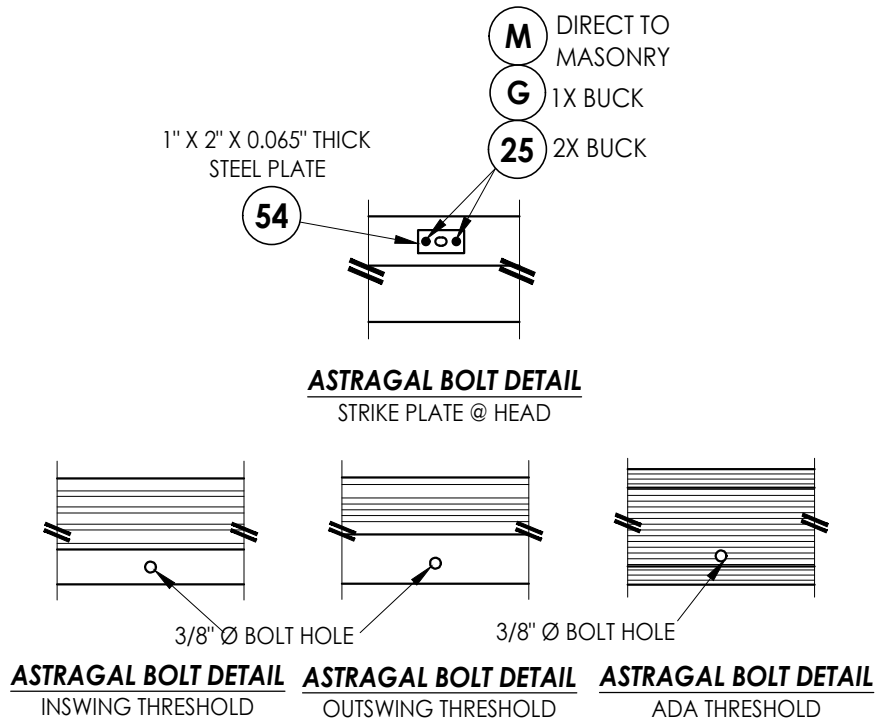
XXO, OXX (Similar - Use jamb anchoring from XX above)

FRAME ANCHORING



ALL ANCHORS SAME AS OXXO

Shown w/ 14" Sidelite



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	REVISIONS	BY
1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS	LFS

DATE: 2/15/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46117.9

SHEET 13 OF 14

Z:\2023 FBC Drawings\ODL, Inc\FL-46117\FL-46117.9.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 (STARLINK, WORLDWIDE, OR PLASTPRO)	COMP
2	WOOD JAMB (FJ PINE OR PLASTPRO)	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 THRESHOLD	ALUM/COMP
17	OUTSWING THRESHOLD	ALUM/COMP
18	ADA THRESHOLD	ALUM
19	ADA OUTSWING THRESHOLD	ALUM
20	INSWING SIDELITE BASE	PVC/ALUM
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#10 X 2" PFH SMS	STEEL
29	#10 X 3" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-
41	DOOR PANEL	-
50	SIDELITE PANEL	-
51	SIDELITE PANEL	-
53	ALUMINUM ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL
55	8 X 1" PFH WS	STEEL

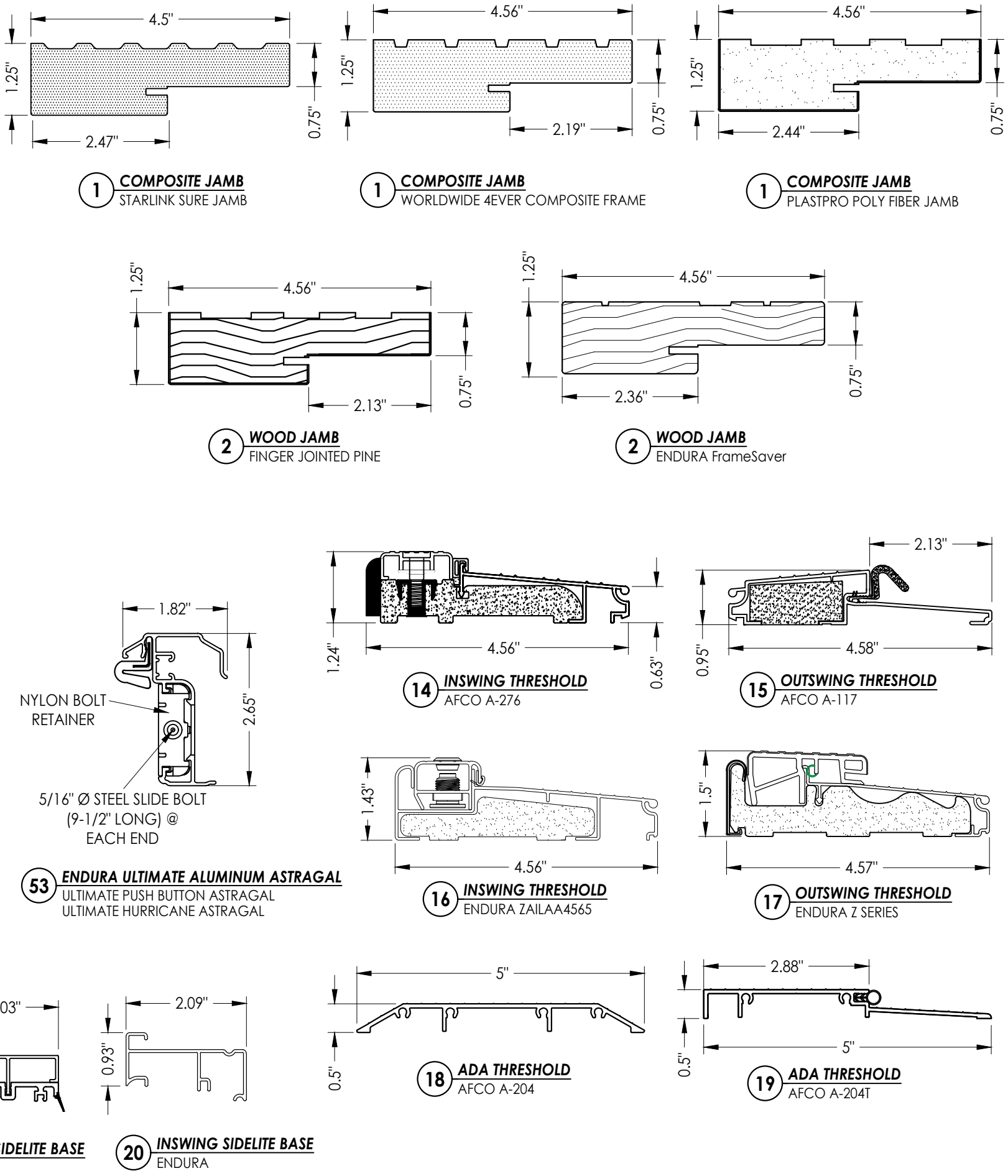
CONCRETE ANCHOR NOTES:

- 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:
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:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL, THRESHOLDS & GLAZING DETAILS

DATE: 2/15/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46117.9

SHEET 14 OF 14