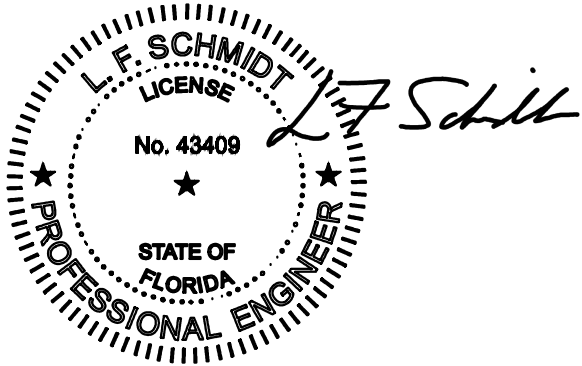


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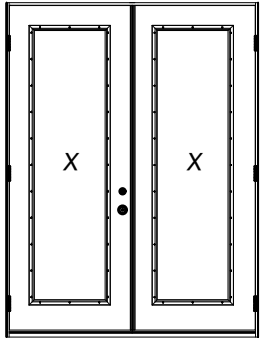
215 EAST ROOSEVELT AVE.
ZEELAND, MI 49464

**GLAZED FIBERGLASS DOOR
DOUBLE w/ or w/out SIDELITES
INSWING/OUTSWING
"NON-IMPACT"**

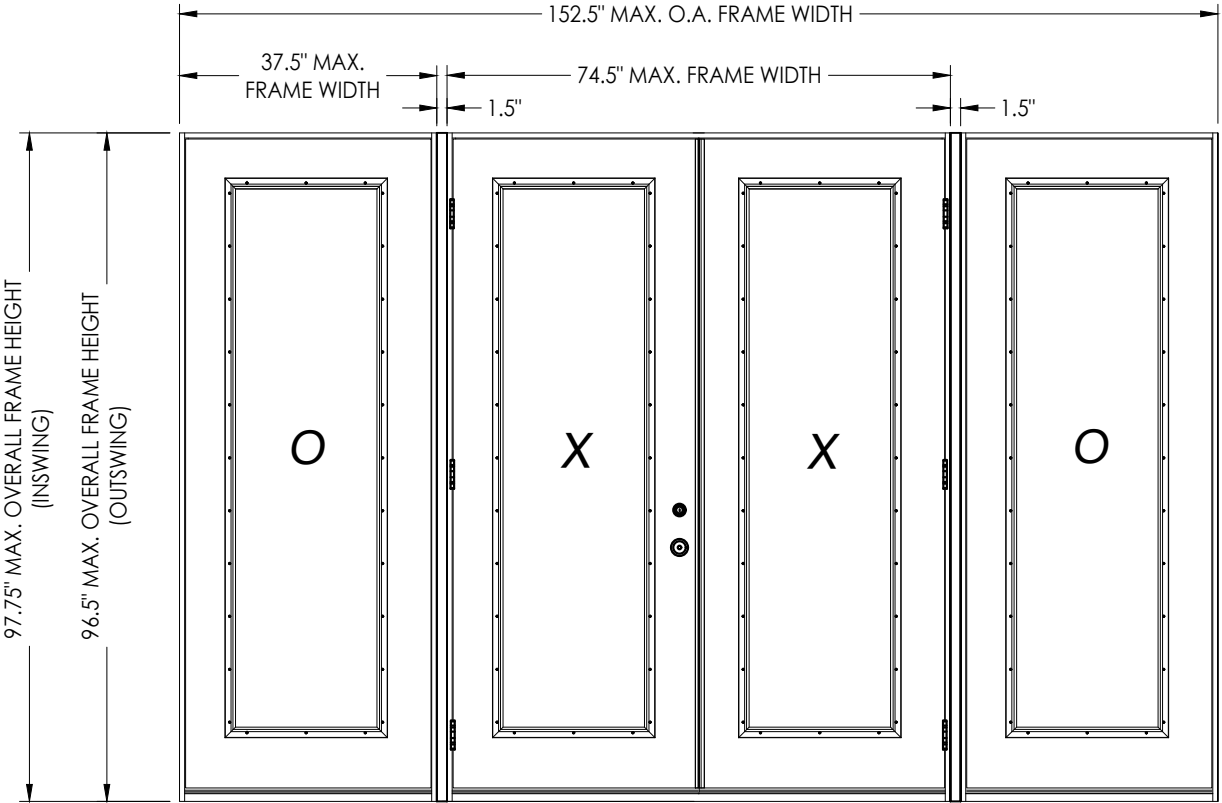


This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



XX



OXXO

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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2 of the FBC.
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.

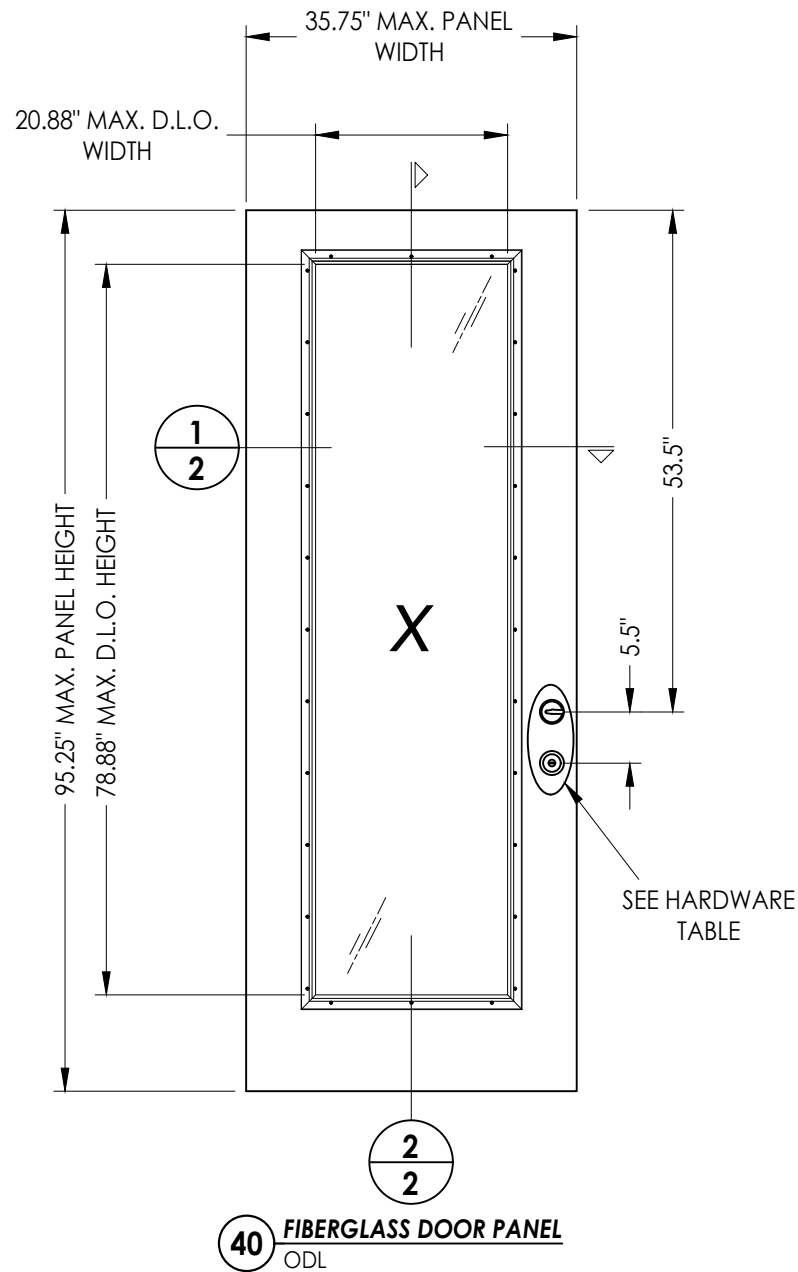
TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	7	Horizontal & Vertical Cross Sections (1X Buck)
2	Door Panel Details	8	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Sidelite Panel & Lite Frame Glazing Details	9	Vertical Cross Sections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

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.5" x 97.75"	+35.0	-40.0	+40.0	-40.0
OXXO	152.5" x 97.75"	+35.0	-40.0	+40.0	-40.0

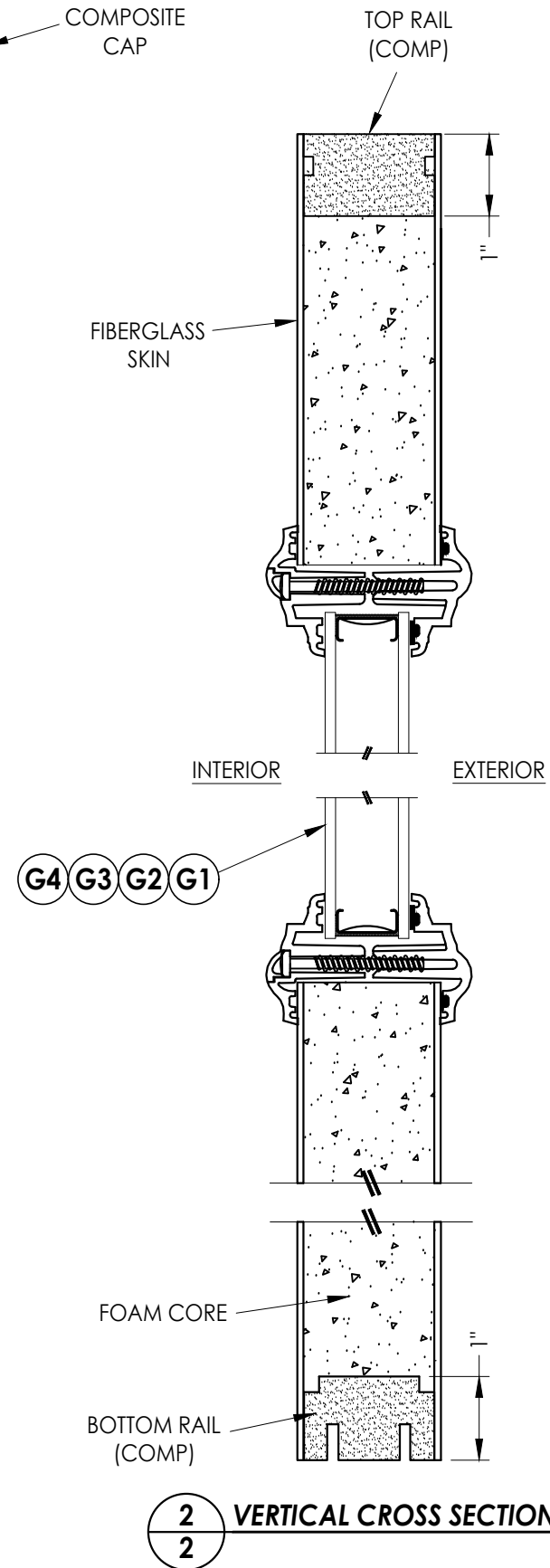
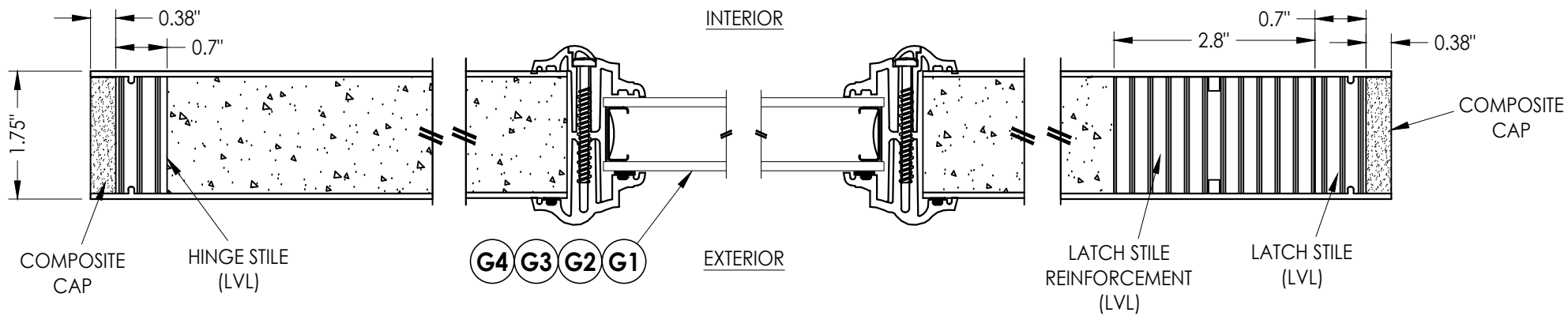
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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	
			LFS	BY
			ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	
		1	12/05/24	NO. DATE
				REVISIONS
DATE: 5/14/24				
SCALE: N.T.S.				
DWG. BY: LFS				
CHK. BY: RW				
DRAWING NO.: FL-46120.4				
SHEET 1 OF 12				



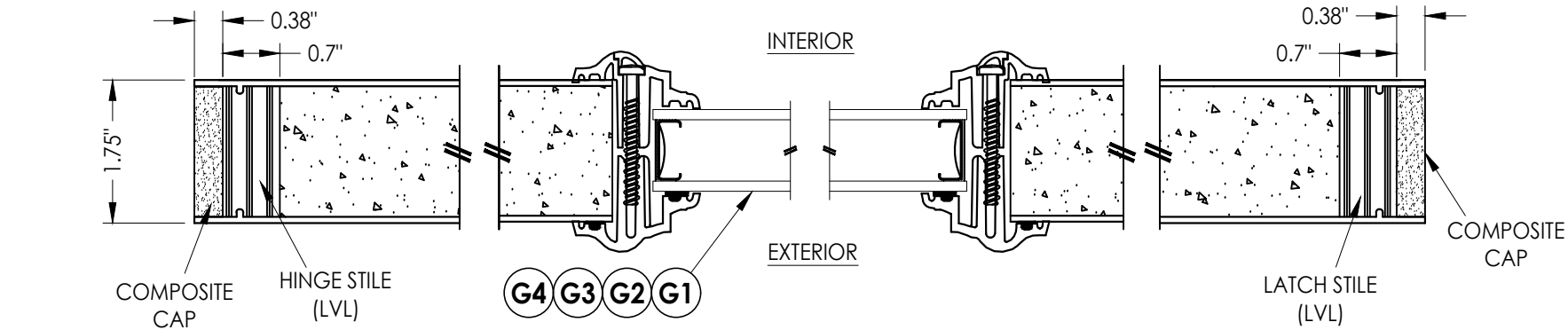
1 **HORIZONTAL CROSS SECTION**



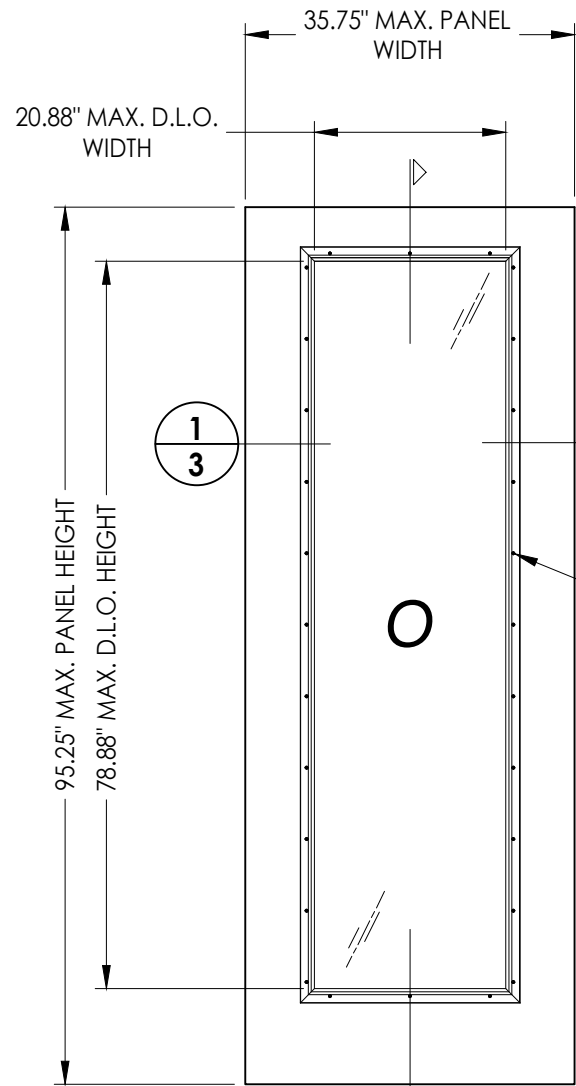
HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F SERIES
	DEADBOLT:	B60 SERIES

DATE: 5/14/24		PRODUCT: ODL FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: DOOR PANEL DETAILS		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: LFS					
CHK. BY: RW					
DRAWING NO.: FL-46120.4					
SHEET 2 OF 12					
NO. DATE		1 12/05/24 ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS			
REVISIONS					

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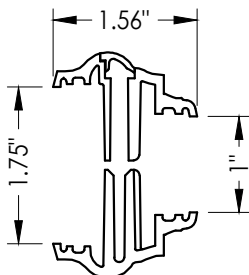
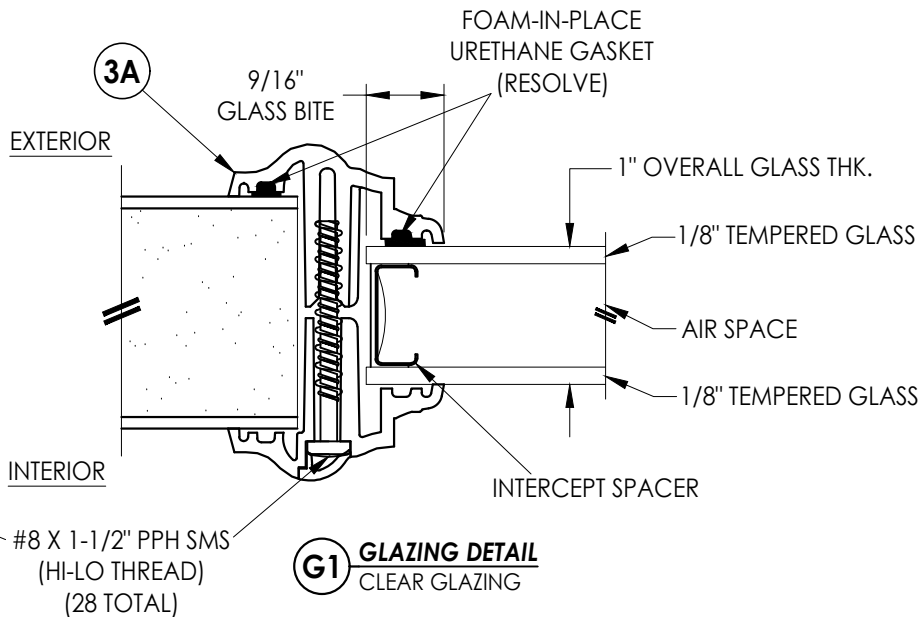


1
3 HORIZONTAL CROSS SECTION

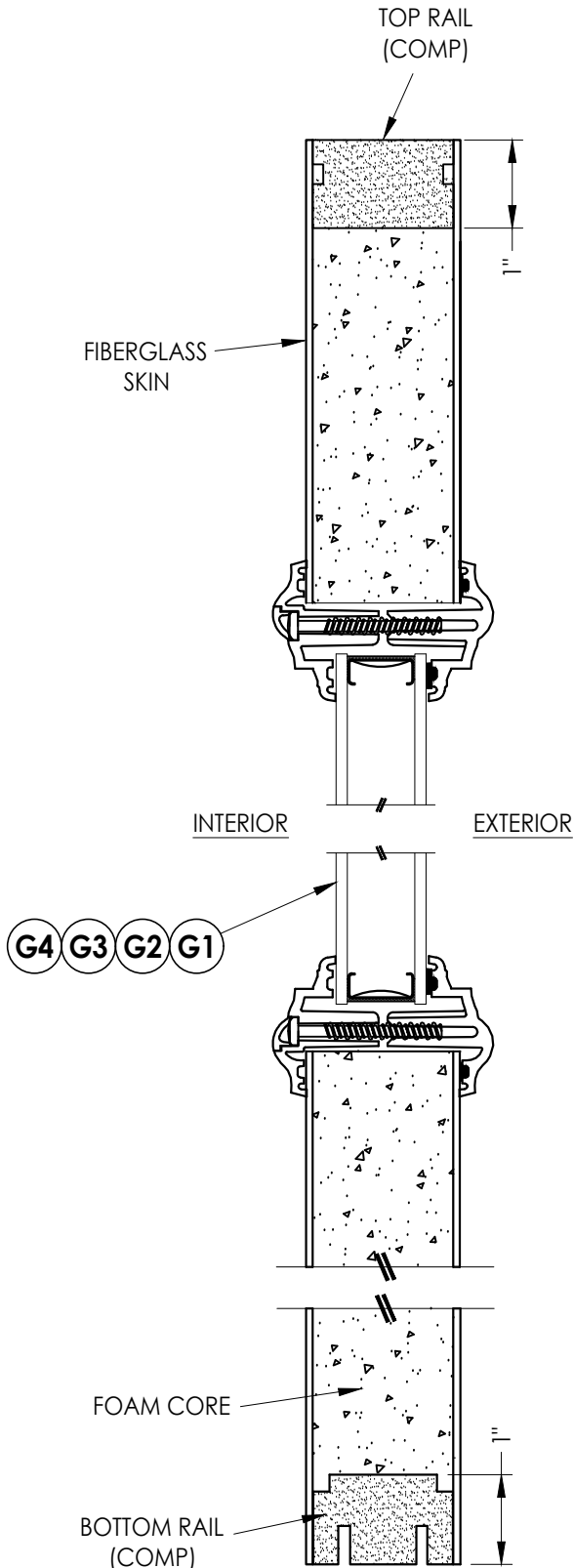


50 FIBERGLASS SIDELITE PANEL
ODL

FIBERGLASS SKIN: 0.090" MIN. THK.
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



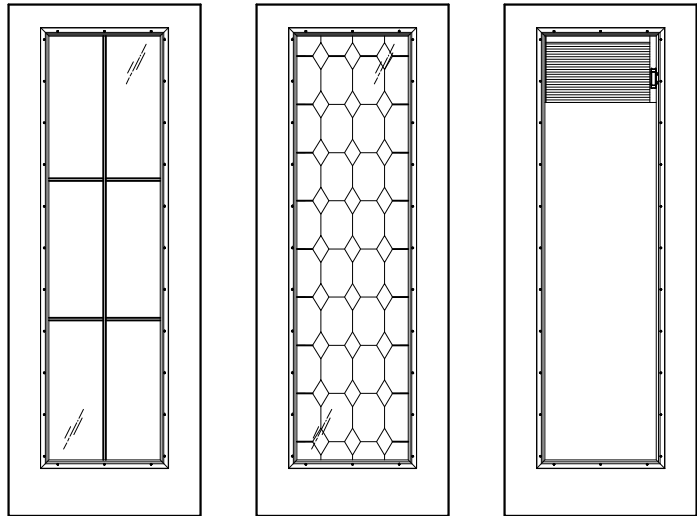
3A OD LITE FRAME
HP POLYPROPYLENE



2
3 VERTICAL CROSS SECTION

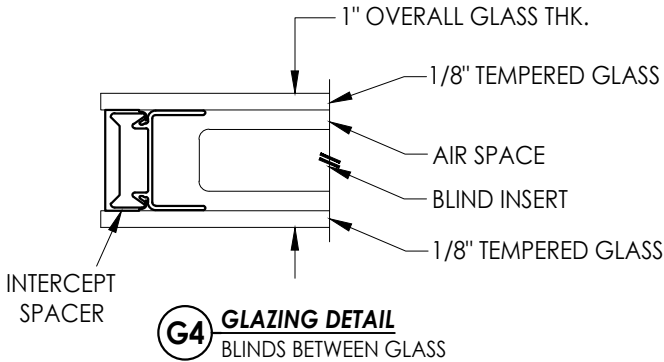
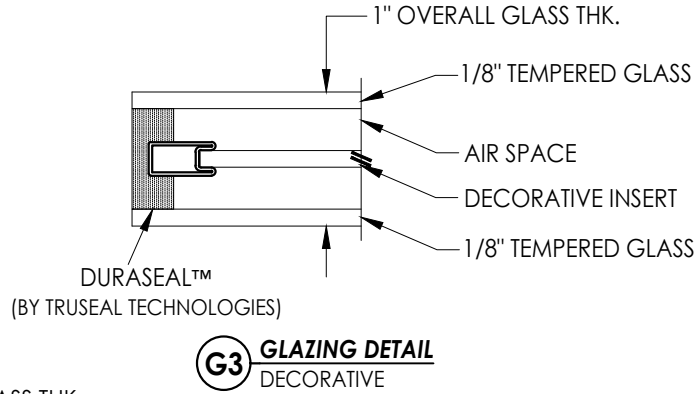
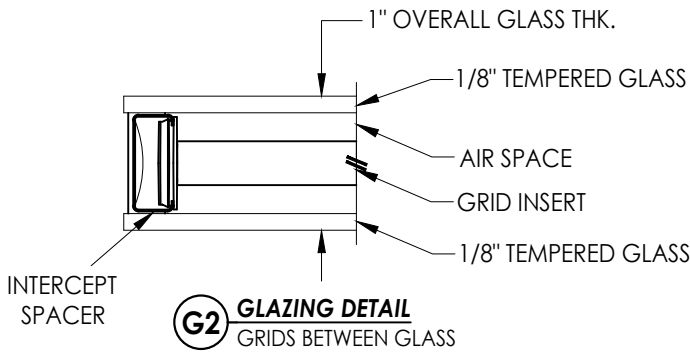
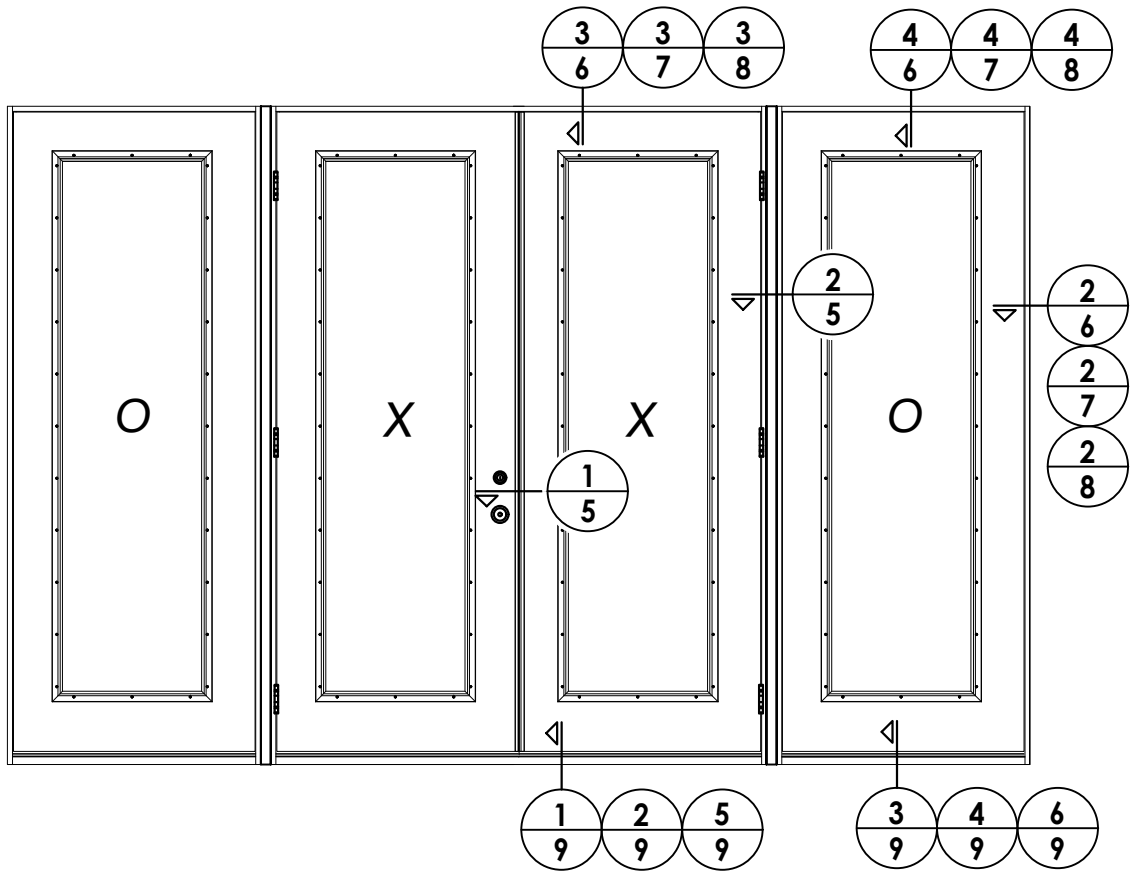
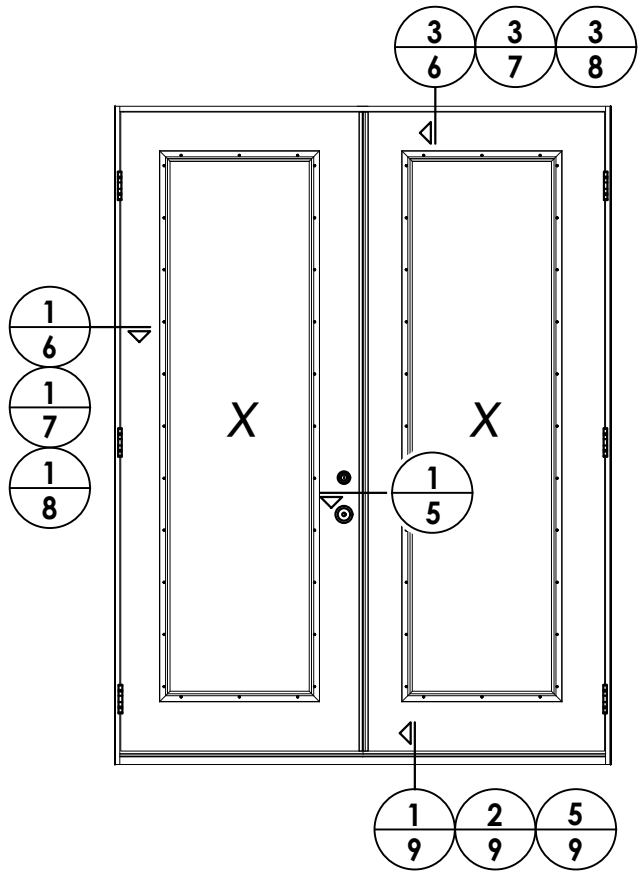
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: SIDELITE PANEL & LITE FRAME GLAZING DETAILS		REVISIONS			
				NO.	DATE	BY	
		1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS		LFS	
DATE: 5/14/24				SCALE: N.T.S.			
DWG. BY: LFS				CHK. BY: RW			
DRAWING NO.: FL-46120.4				SHEET 3 OF 12			

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GRIDS BETWEEN GLASS DECORATIVE GLASS BLINDS BETWEEN GLASS

ALTERNATE GLAZING DETAILS



PRODUCT: ODL FIBERGLASS DOOR				PART OR ASSEMBLY: ELEVATIONS & GLAZING OPTIONS	
				LFS	BY
				REVISIONS	
				1	12/05/24
DATE: 5/14/24				ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	
SCALE: N.T.S.				NO	DATE
DWG. BY: LFS					
CHK. BY: RW					
DRAWING NO.: FL-46120.4					
SHEET 4 OF 12					

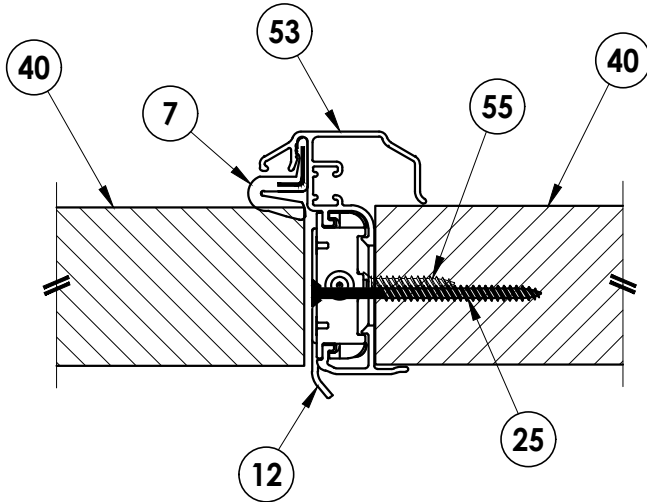
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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NOTE:

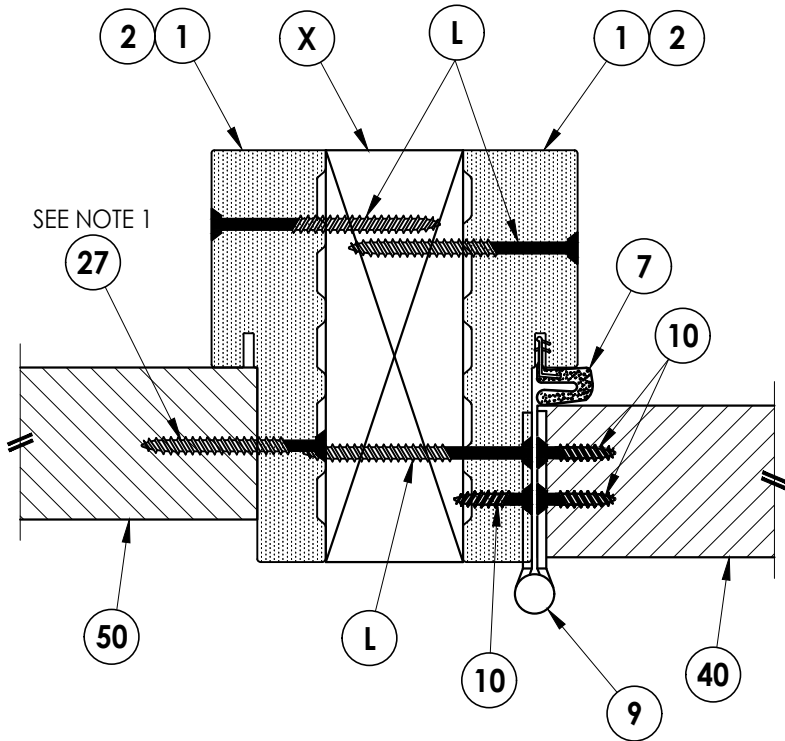
1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH
END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).



1 **HORIZONTAL CROSS SECTION**
5 Outswing Shown (Inswing Similar)

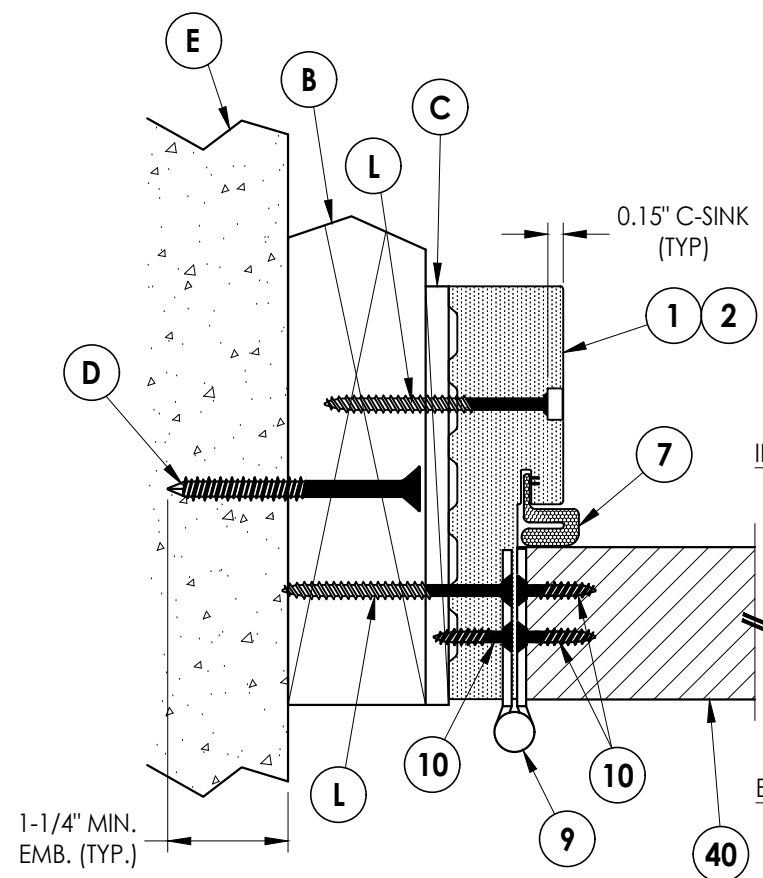
INTERIOR

EXTERIOR



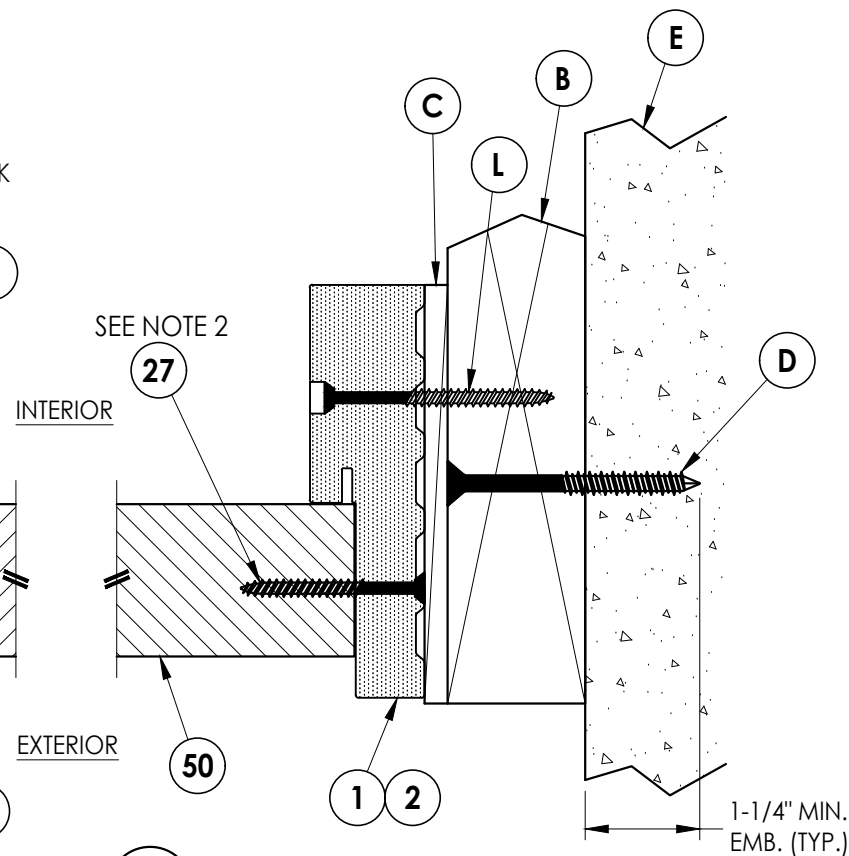
2 **HORIZONTAL CROSS SECTION**
5 Outswing Shown (Inswing Similar)

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 CROSS SECTIONS					
				1	12/05/24	ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	LFS
				NO.	DATE		BY
				REVISIONS			
DATE: 5/14/24							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46120.4							
SHEET 5 OF 12							



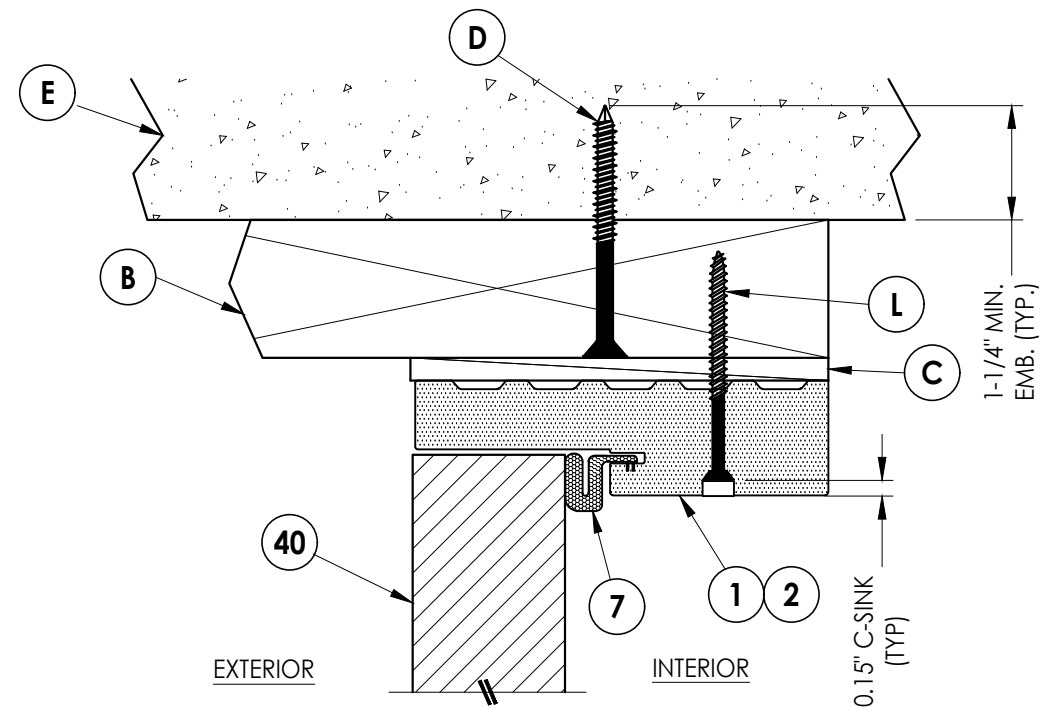
1 6 **HORIZONTAL CROSS SECTION**

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

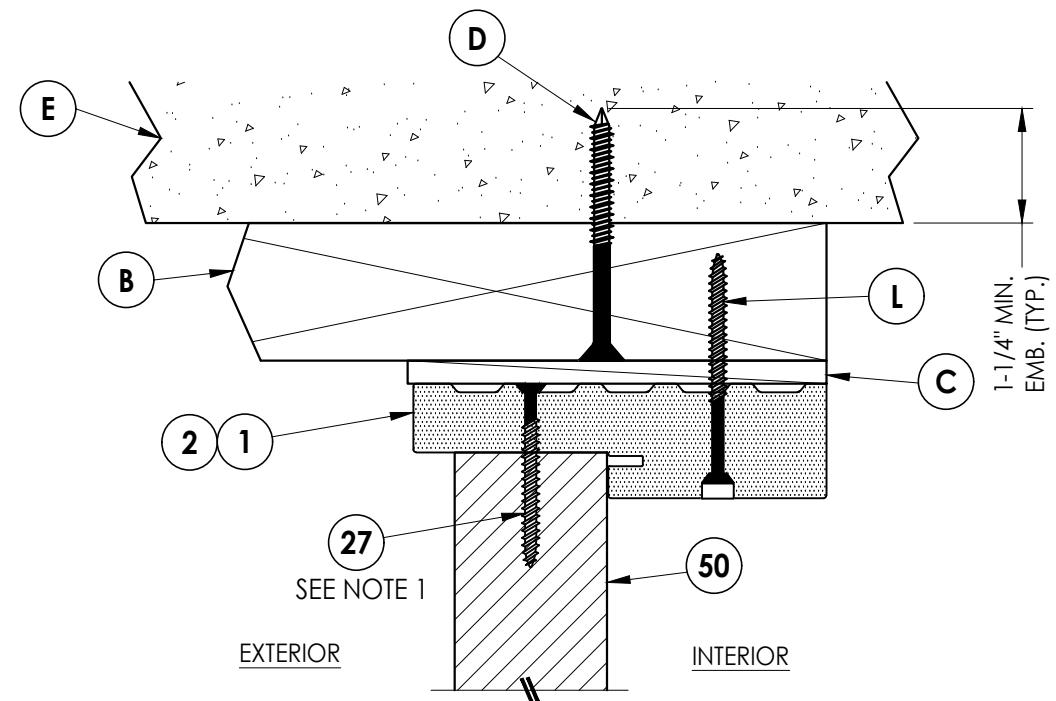


2 HORIZONTAL CROSS SECTION

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



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



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

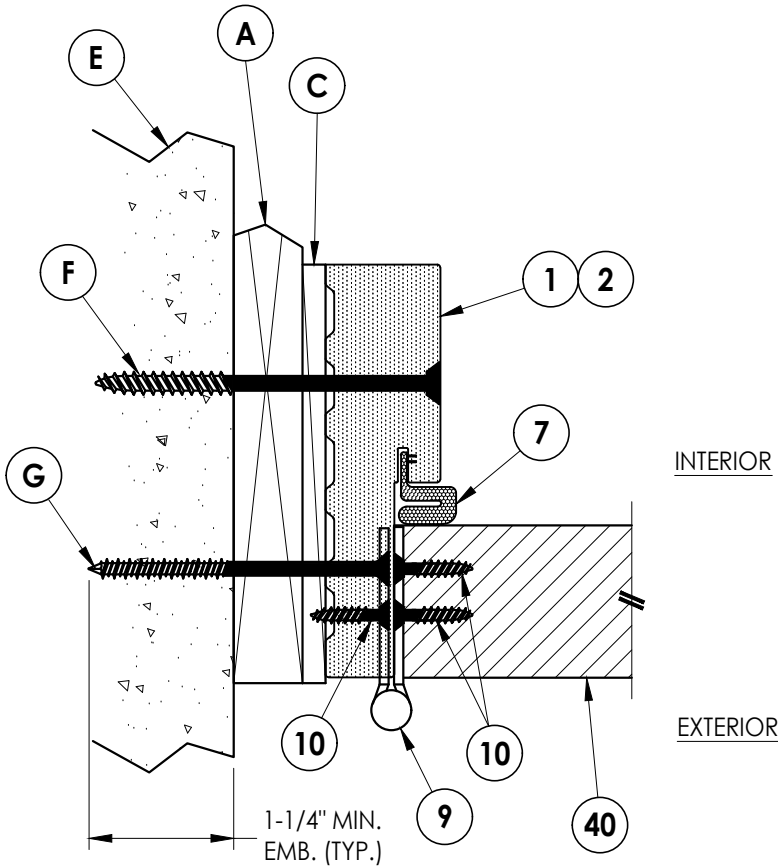
NOTES:

1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH END (2 TOTAL).
2. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).

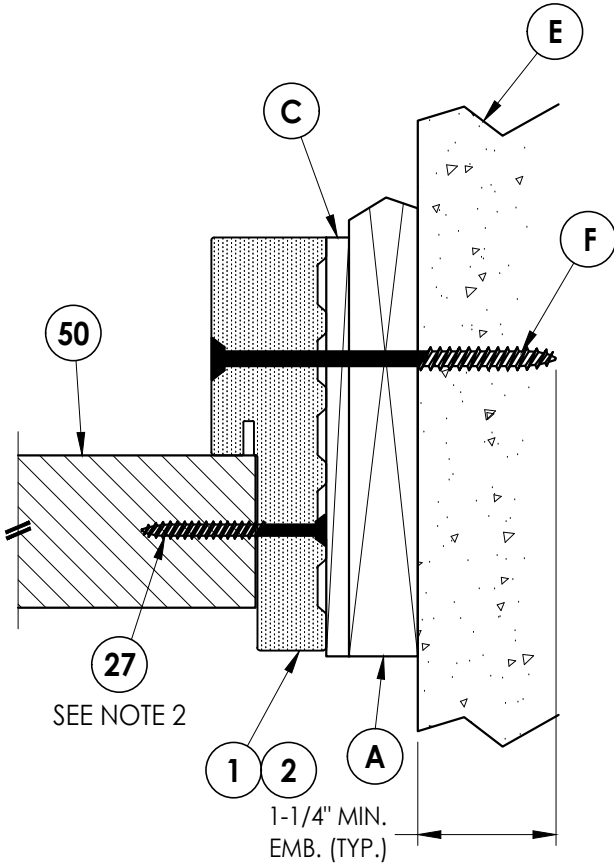
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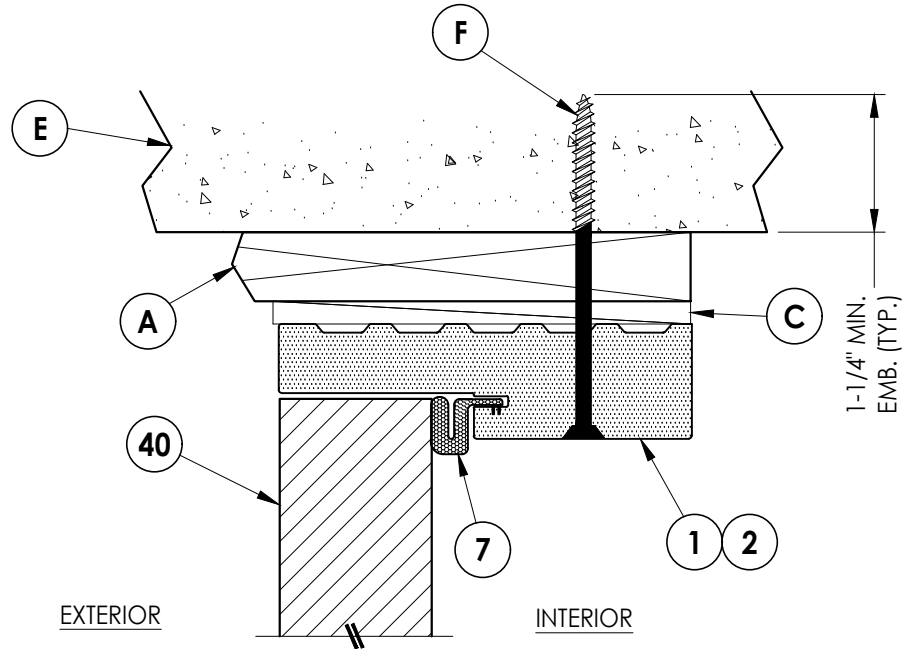
- NOTES:
- 1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH END (2 TOTAL).
 - 2. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).



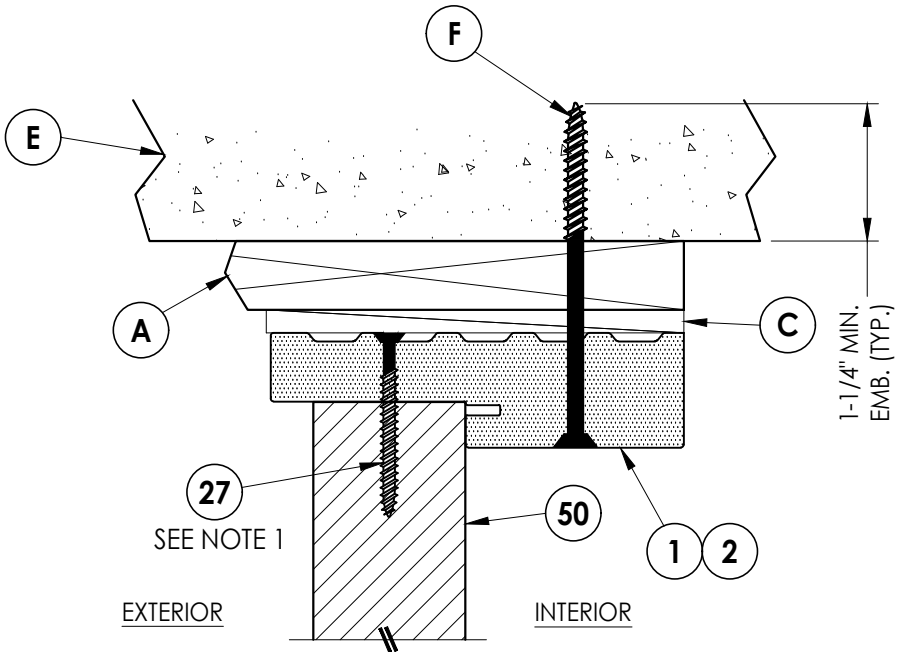
1
7 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



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



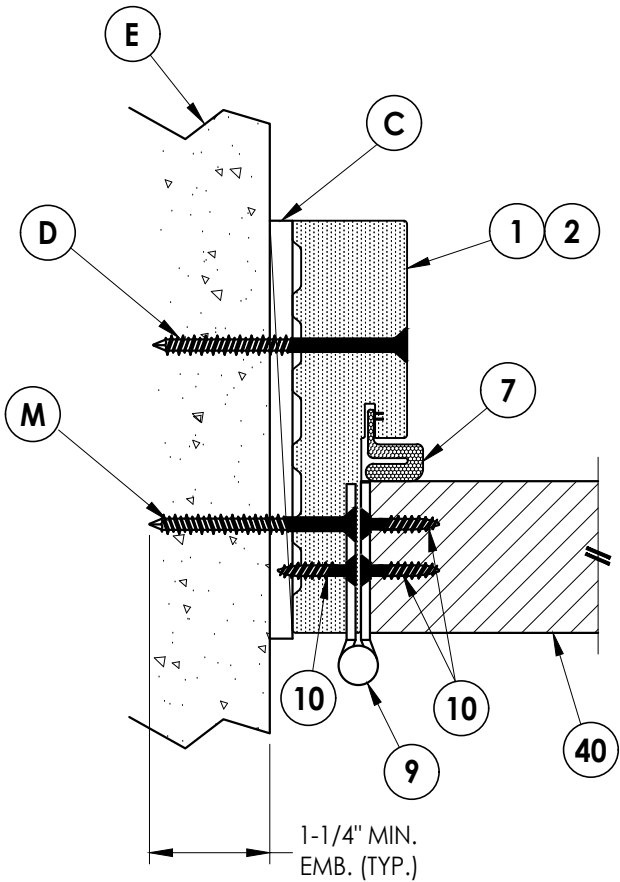
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7 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



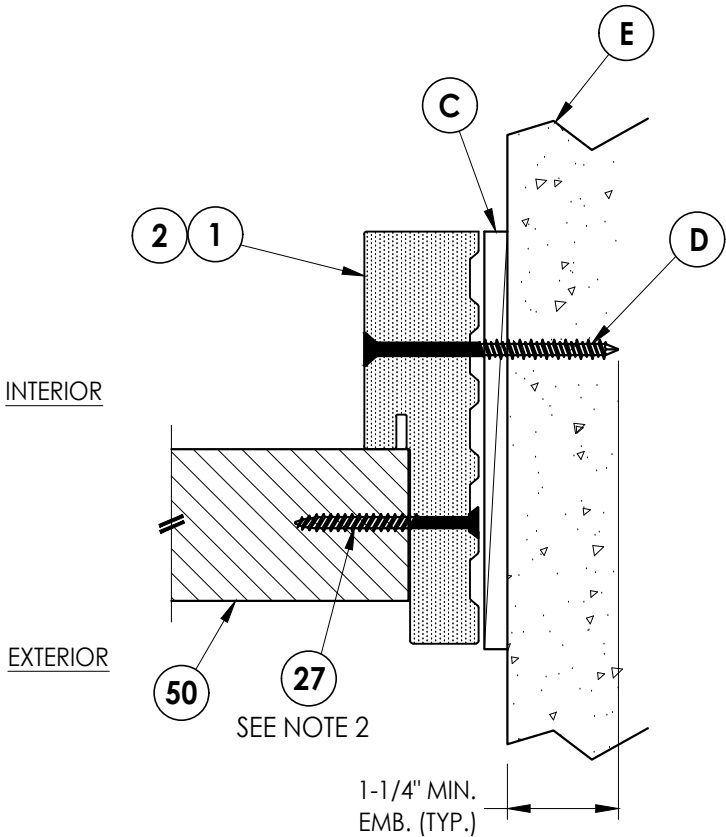
4
7 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown w/ 1X Buck

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				RWBUILDING 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)	
				LFS	BY	REVISIONS	
				ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS			
			1 12/05/24		NO.	DATE	
DATE: 5/14/24							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46120.4							
SHEET 7 OF 12							

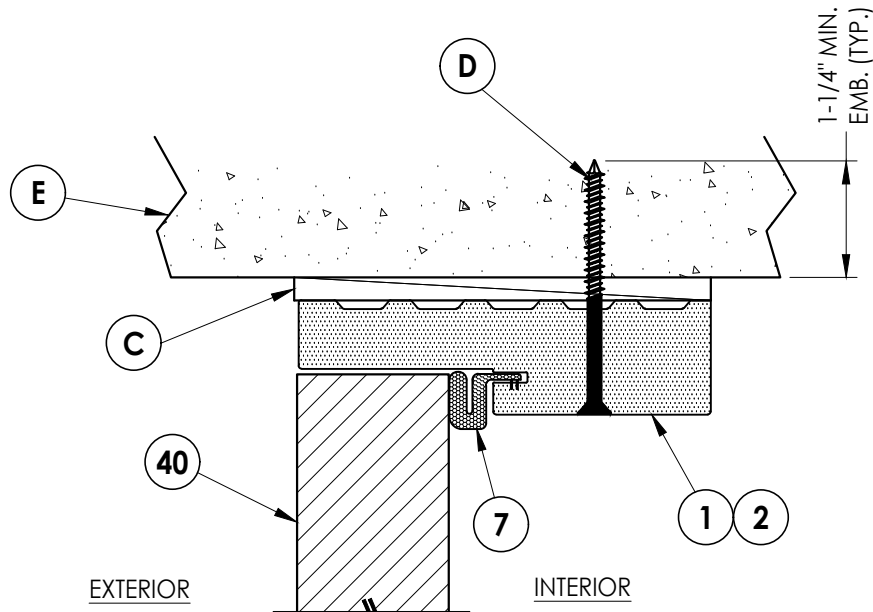
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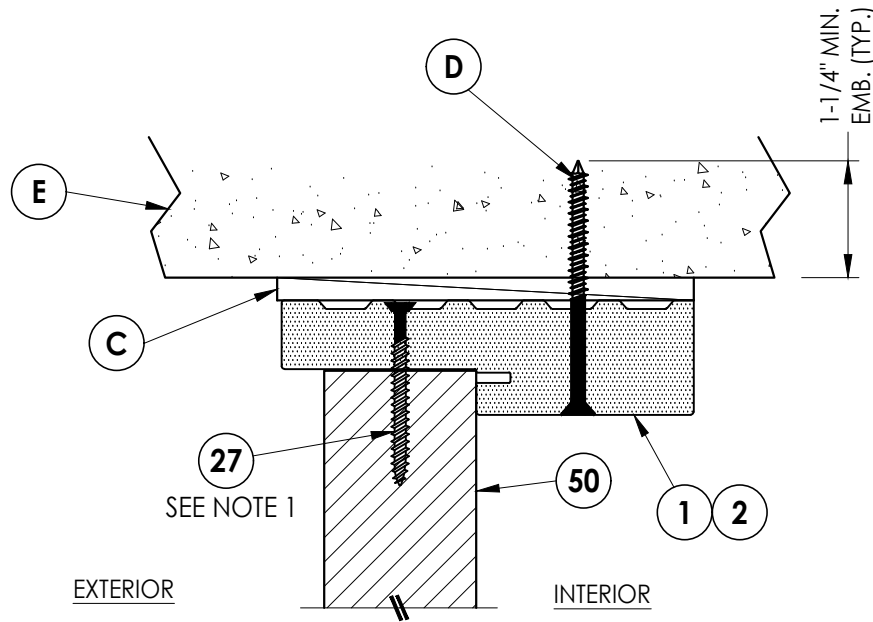
1
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



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



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



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

NOTES:
1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH END (2 TOTAL).
2. 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 (DIRECT TO MASONRY)	

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

DATE: 5/14/24

SCALE: N.T.S.

DWG. BY: LFS

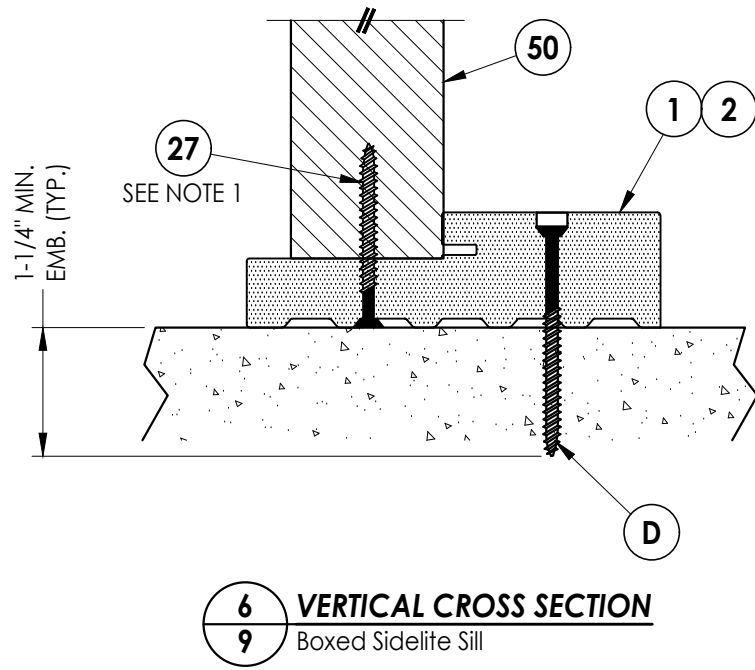
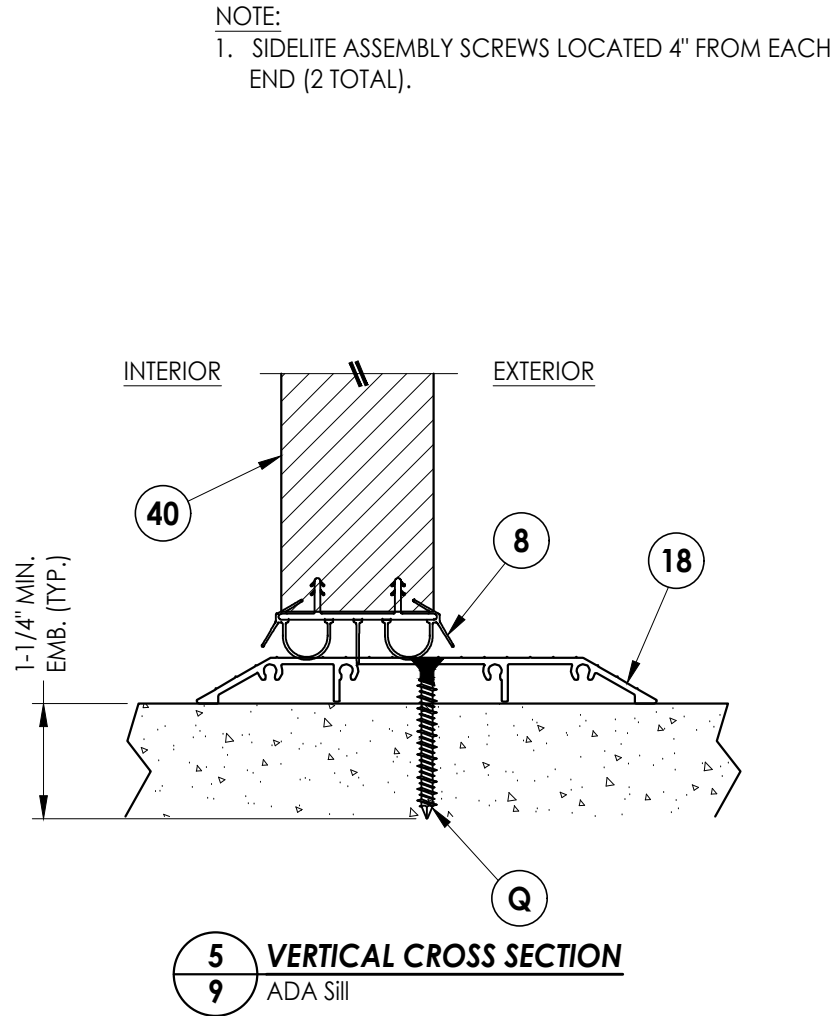
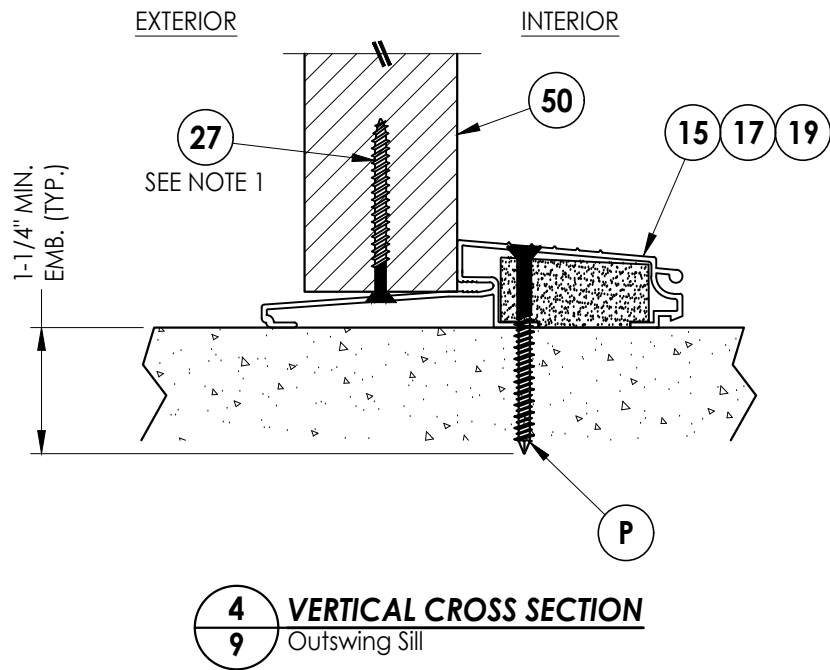
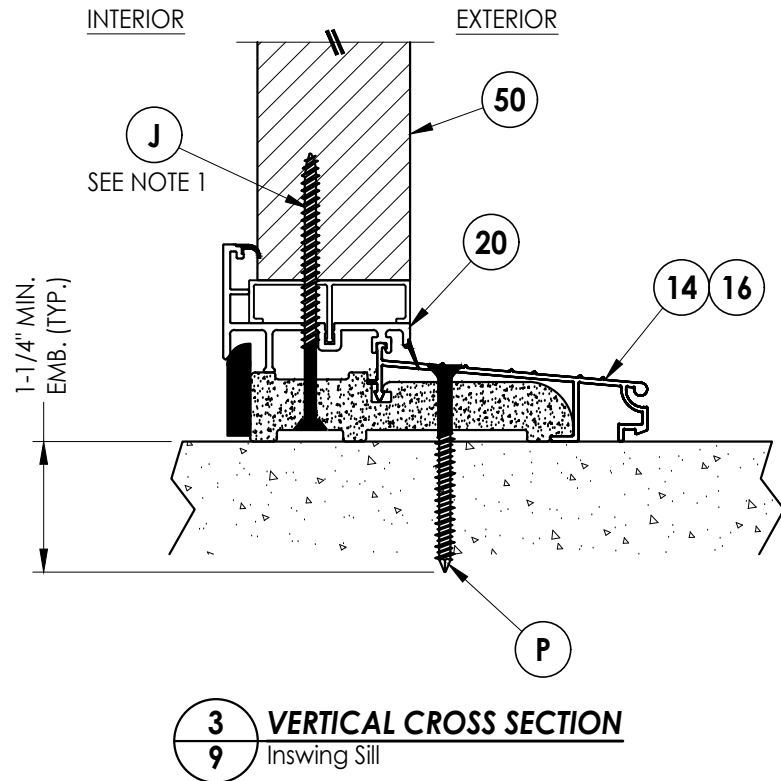
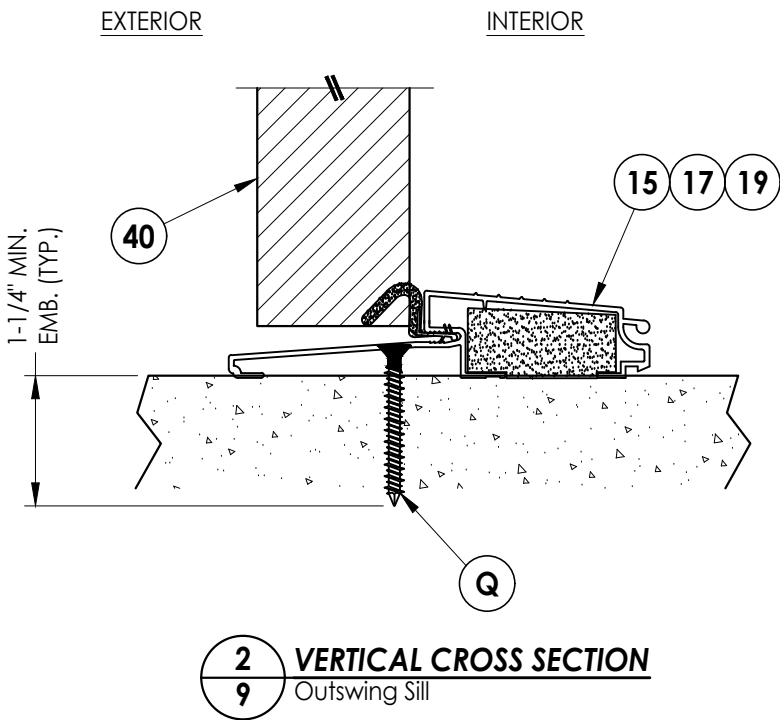
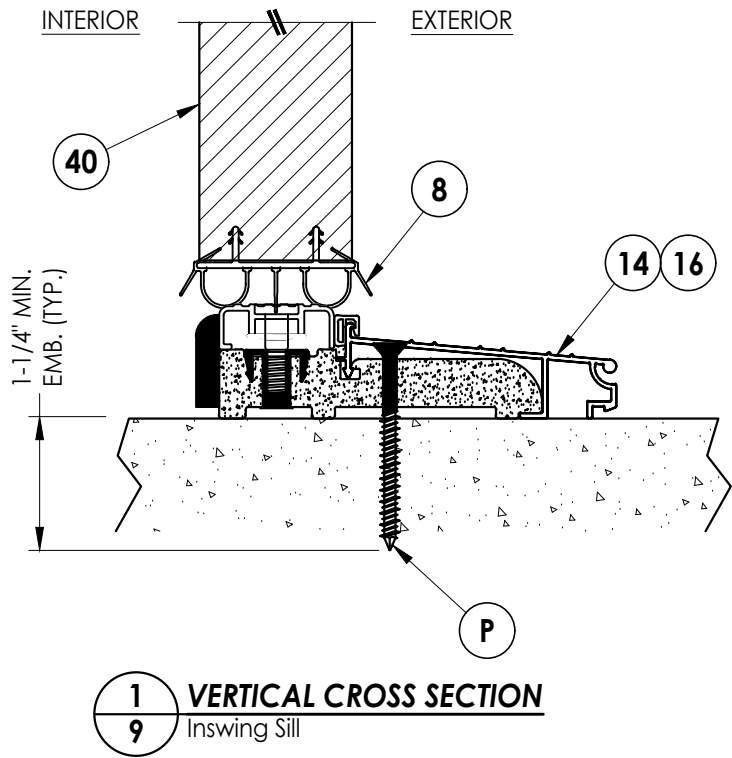
CHK. BY: RW

DRAWING NO.:

FL-46120.4

SHEET 8 OF 12

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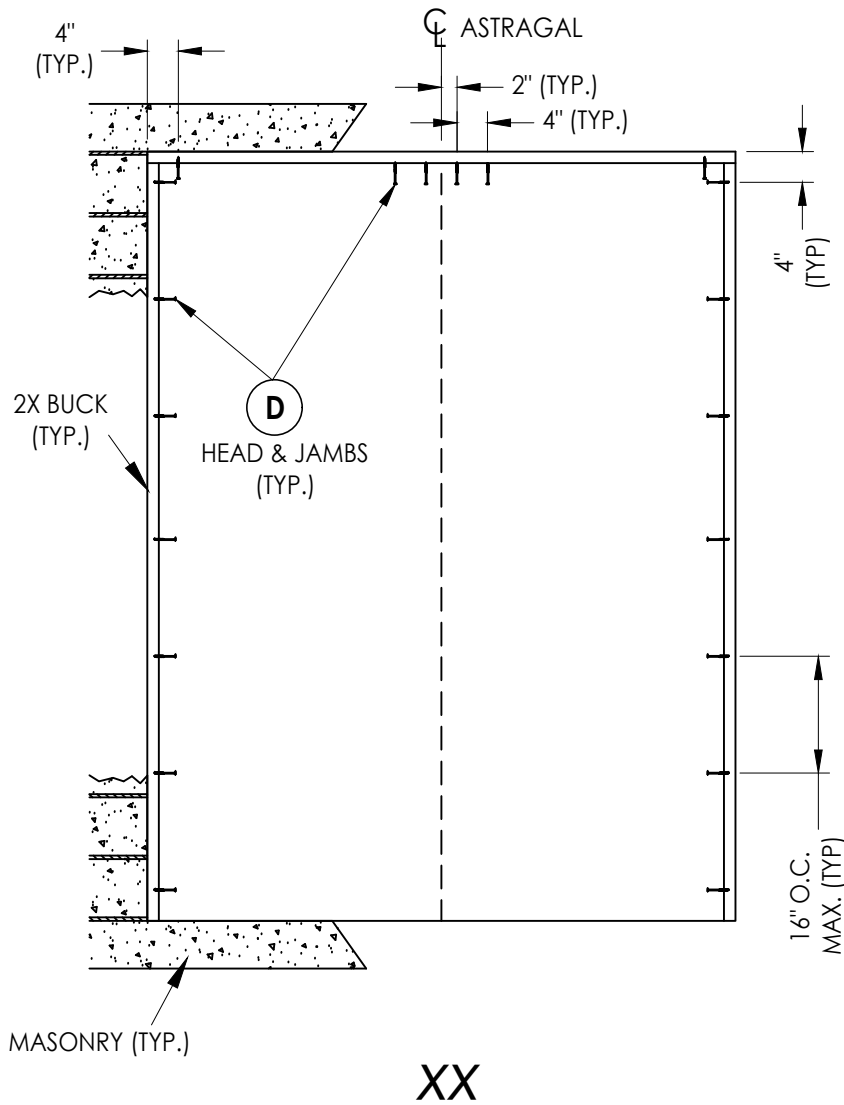


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

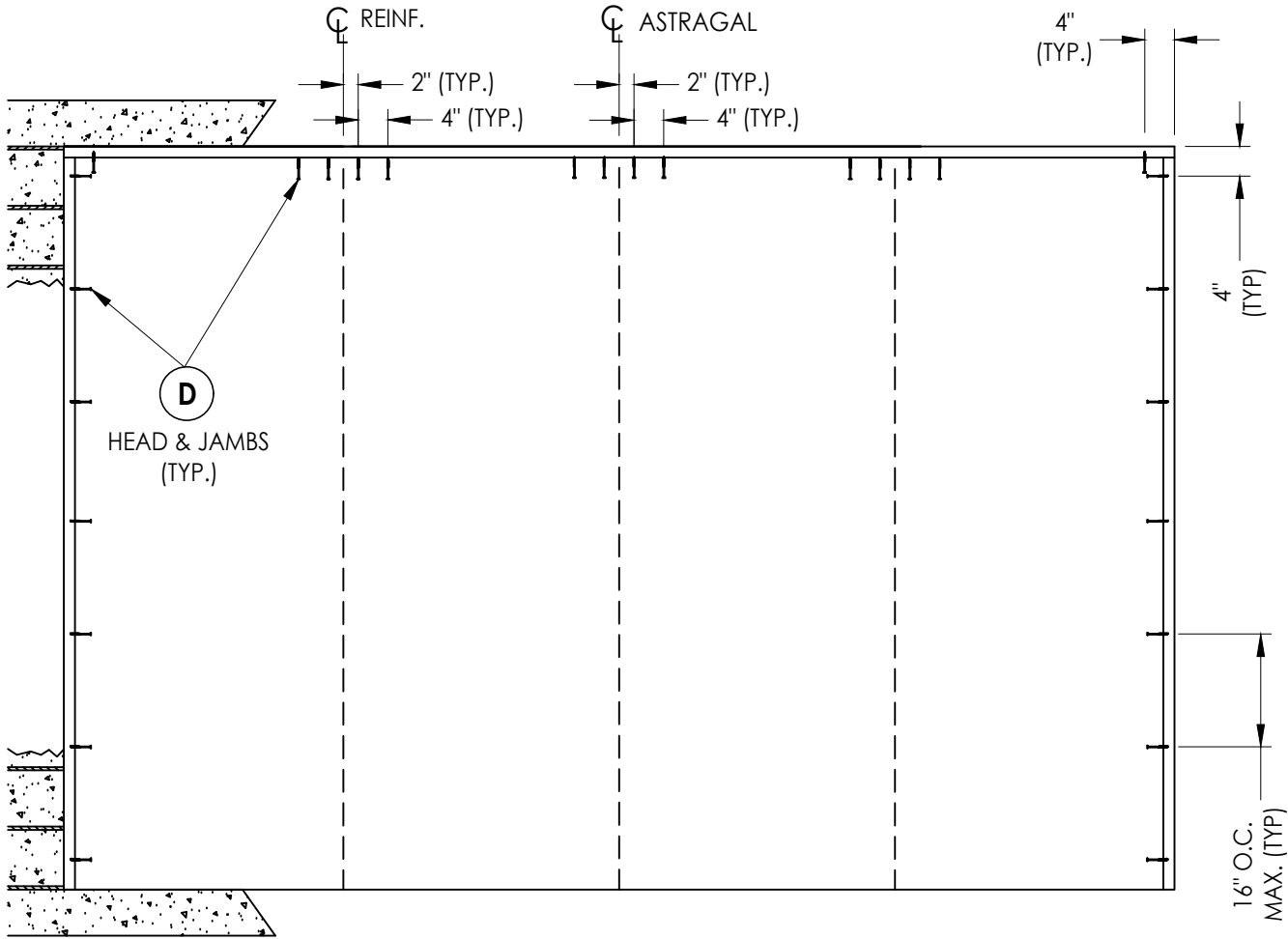
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)	
		LFS	BY
		ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	
1	12/05/24	NO.	DATE
REVISIONS			
DATE: 5/14/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46120.4			
SHEET 9 OF 12			

Z:\2023 FBC Drawings\ODL, Inc\FL-46120\FL-46120.4.dwg



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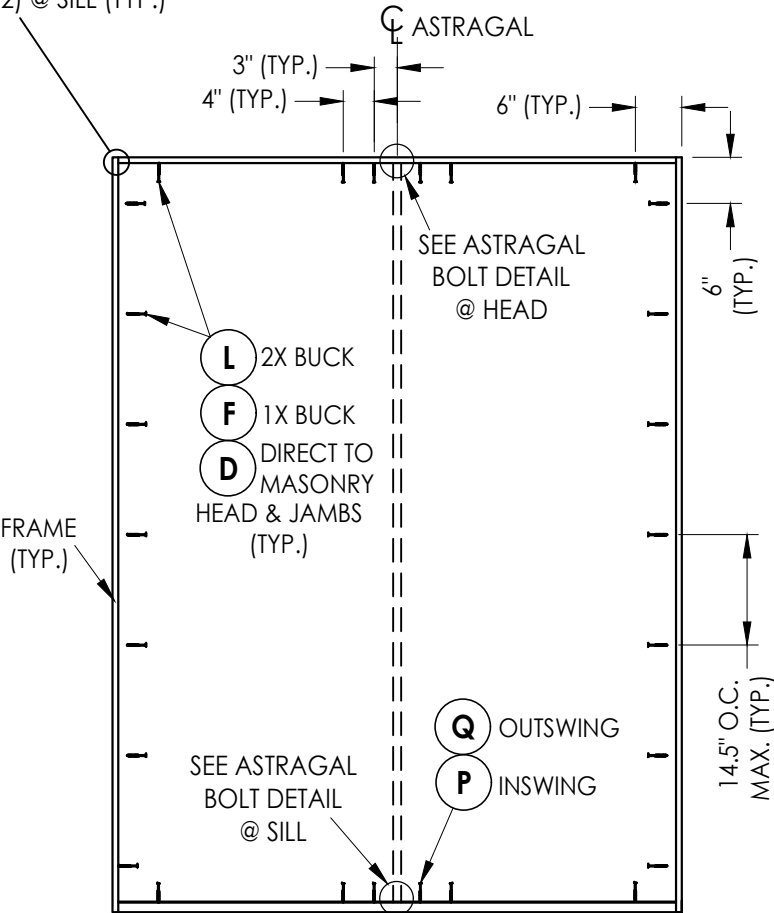
OXXO

2X BUCK ANCHORING

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:		BUCK ANCHORING	
				LFS		BY	
				ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS			
1	12/05/24			NO.	DATE		
REVISIONS							
DATE: 5/14/24							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46120.4							
SHEET 10 OF 12							

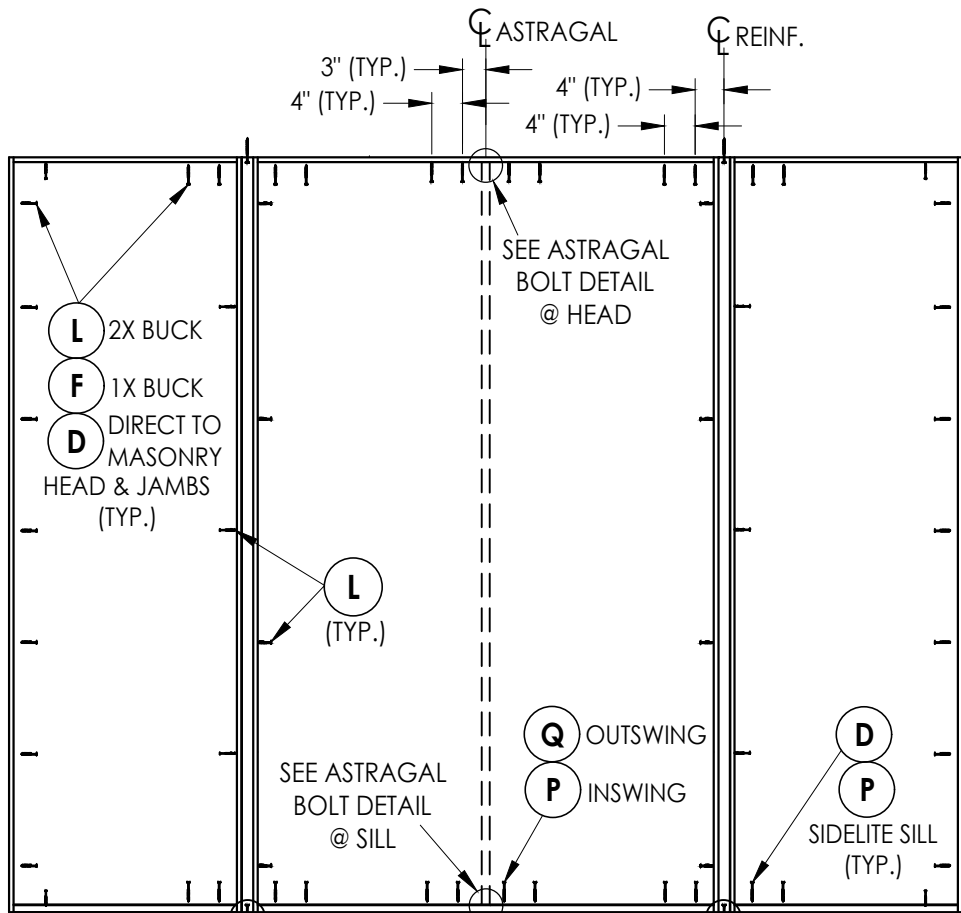
Z:\2023 FBC Drawings\ODL, Inc\FL-46120\FL-46120.4.dwg

FRAME CORNERS ATTACHED w/ #8 X 2-1/2"
DEEP THREAD WOOD SCREWS: (3) @ HEAD
& (2) @ SILL (TYP.)

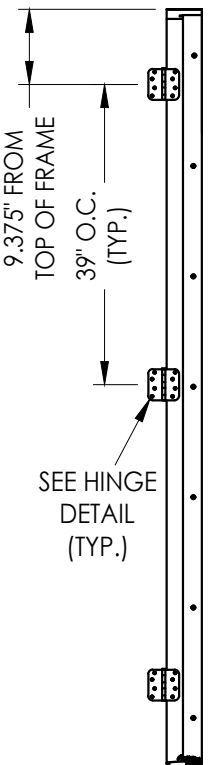


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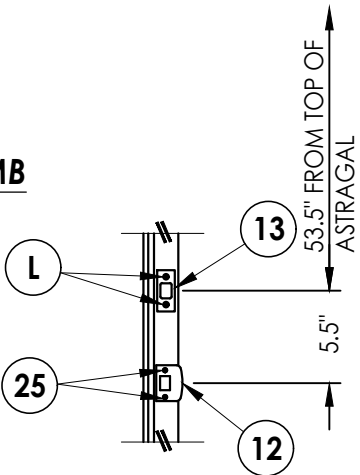
FRAME ANCHORING



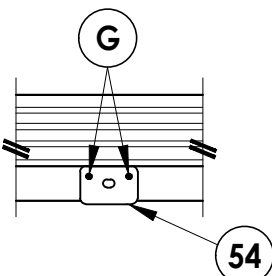
OXXO



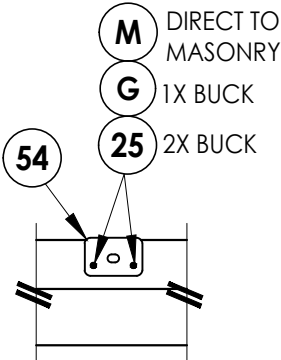
HINGE JAMB



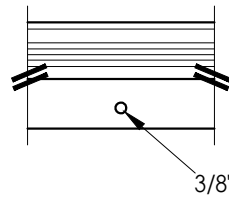
LATCH & DEADBOLT STRIKE PLATE DETAILS



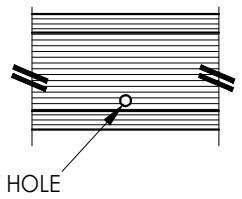
ASTRAGAL BOLT DETAIL
INSWING THRESHOLD



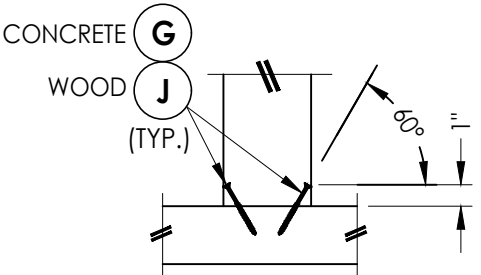
ASTRAGAL BOLT DETAIL
STRIKE PLATE @ HEAD



ASTRAGAL BOLT DETAIL
OUTSWING THRESHOLD

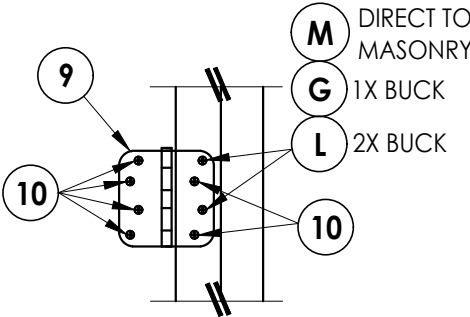


ASTRAGAL BOLT DETAIL
ADA THRESHOLD

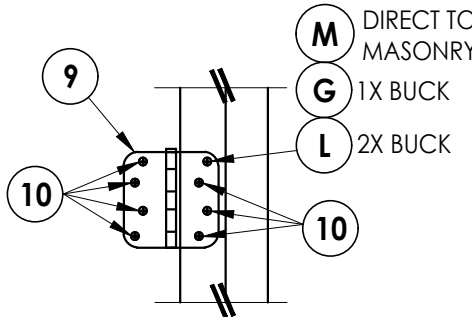


MULLION TOENAIL DETAIL
TYP. @ HEAD & SILL
(1X BUCK: EXTEND MULLION TO SUBSTRATE)

HARDWARE DETAILS



HINGE DETAIL
INSWING



HINGE DETAIL
OUTSWING

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PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
		LFS	BY
		ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	
		NO.	DATE
		REVISIONS	
DATE: 5/14/24		DRAWING NO.: FL-46120.4	
SCALE: N.T.S.		SHEET 11 OF 12	
DWG. BY: LFS			
CHK. BY: RW			

