

Z:\2023 FBC Drawings\ODL, Inc\FL-46119\FL-46119.4.dwg



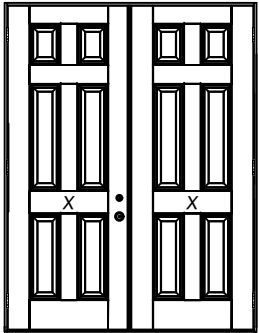
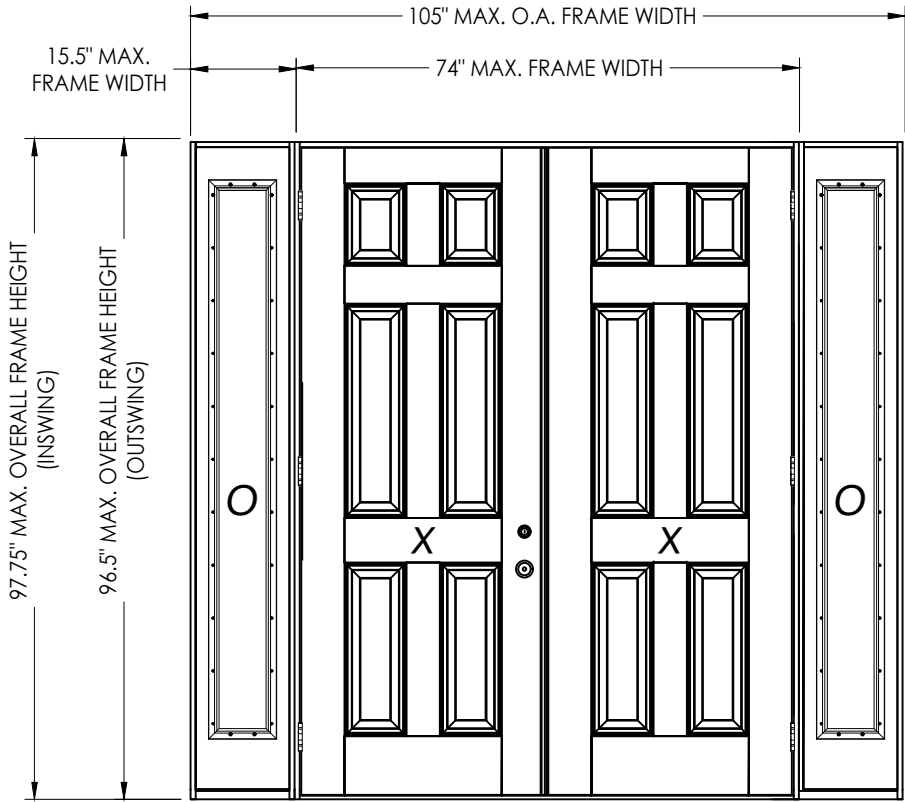
215 EAST ROOSEVELT AVE.
ZEELAND, MI 49464

OPAQUE FIBERGLASS DOOR
DOUBLE w/ or w/out SIDELITES
INSWING/OUTSWING
"NON-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 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.

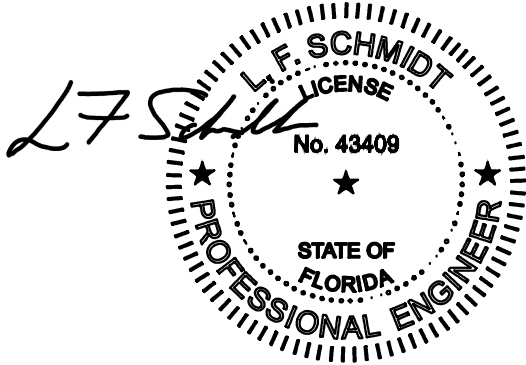
TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	7	Horizontal & Vertical Cross Sections (1X Buck)
2	Door Panel Details	8	Horizontal & Vertical Cross Sections (Direct to Masonry)
3	Sidelite Panel & Lite Frame Glazing Details	9	Vertical Cross Sections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



XX

OXXO

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 97.75"	+45.0	-50.0	+45.0	-45.0
OXXO	105.0" x 97.75"	+45.0	-50.0	+45.0	-45.0



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

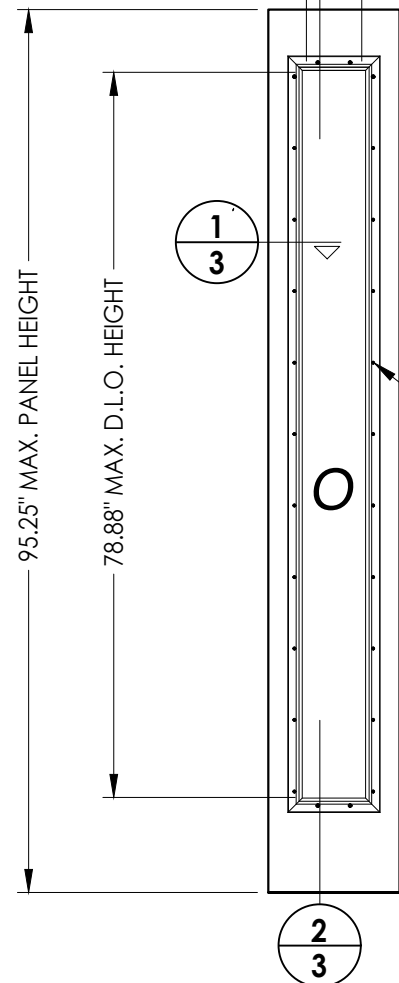
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

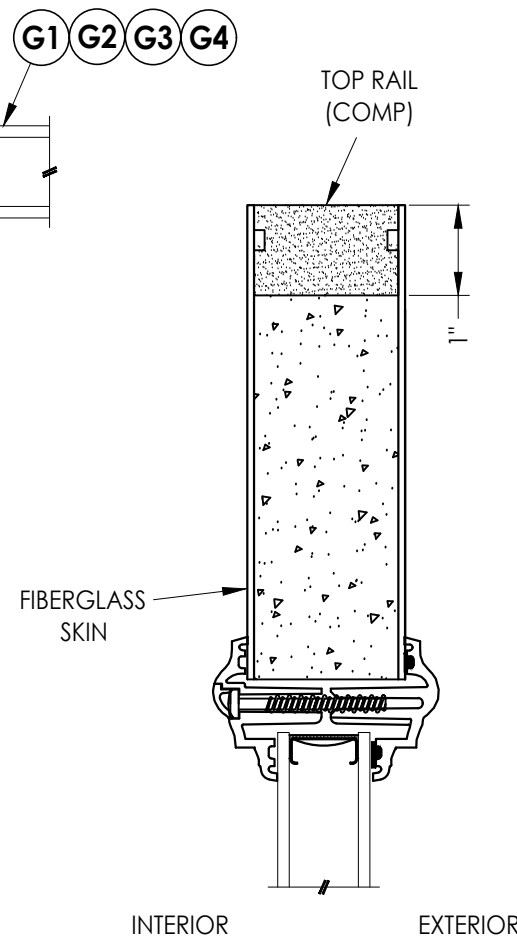
PRODUCT:		ODL FIBERGLASS DOOR	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		LFS	BY
		ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	
		NO.	DATE
REVISIONS			
DATE: 3/27/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46119.4			
SHEET 1 OF 12			

13.88" MAX. PANEL
WIDTH

6.88" MAX. D.L.O.
WIDTH



FIBERGLASS SKIN: 0.070" MIN. THK.
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



INTERIOR EXTERIOR

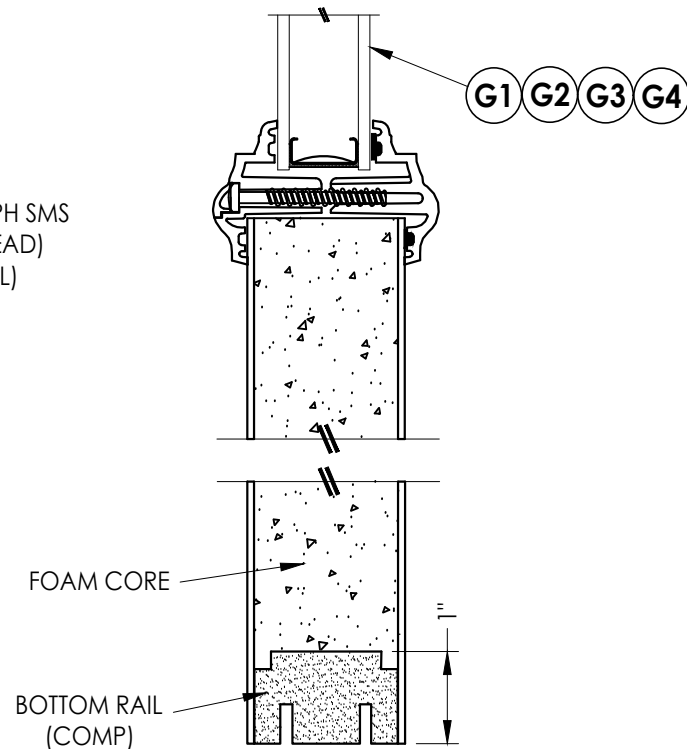
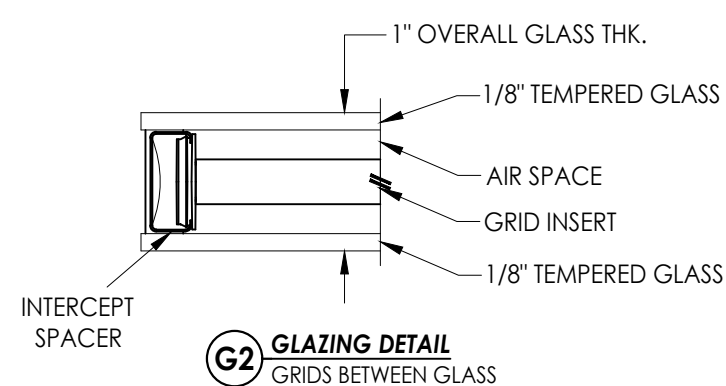
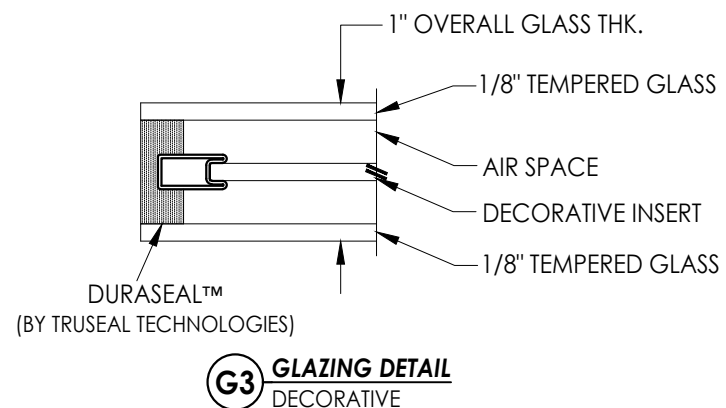


Diagram illustrating the vertical cross-section of the beam, showing the bottom rail (COMP) and the top rail (COMP).

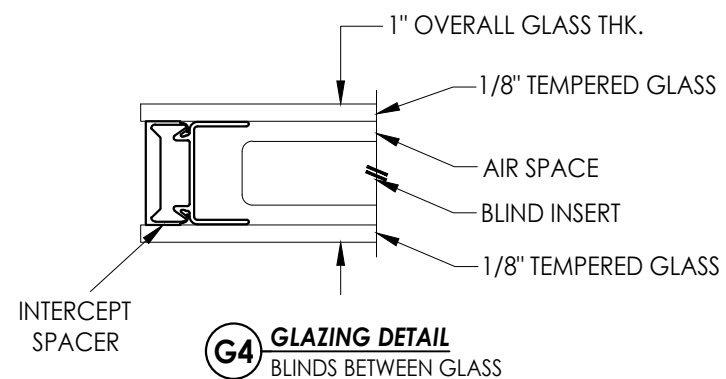


G2 **GLAZING DETAIL**
GRIDS BETWEEN GLASS

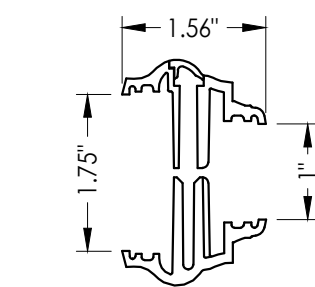


G3 GLAZING DETAIL

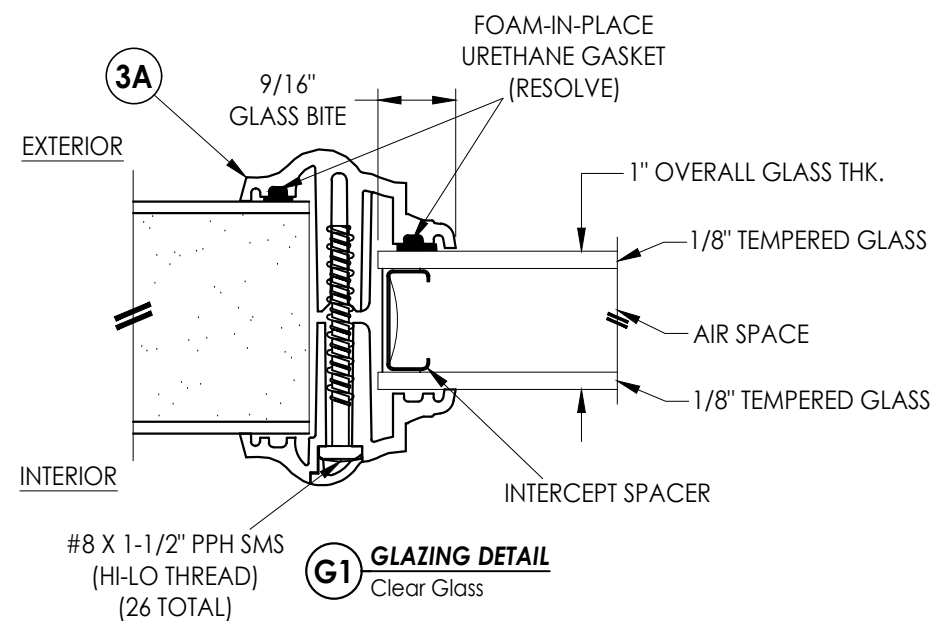
DECORATIVE



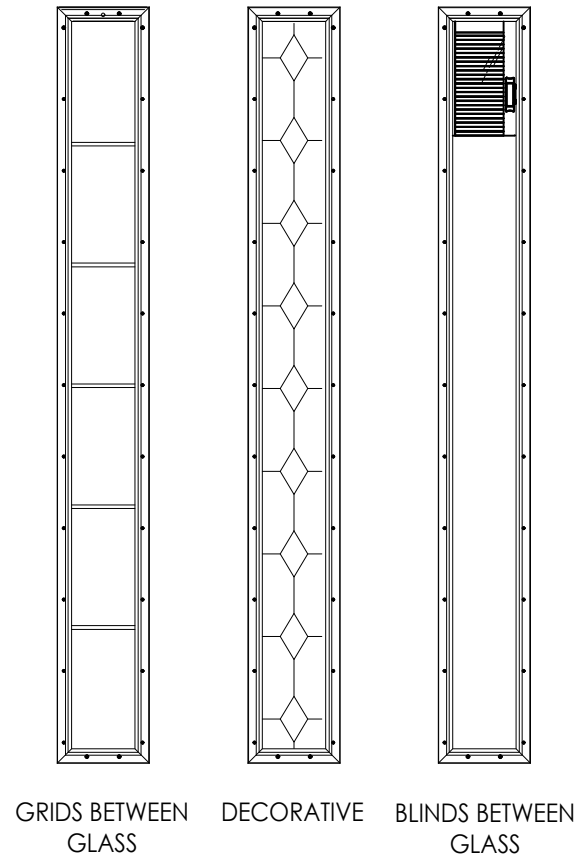
G4 GLAZING DETAIL
BLINDS BETWEEN GLASS



3A ODL "EVOLVE" LITE FRAME
HP POLYPROPYLENE



G1 **GLAZING DETAIL**
Clear Glass



ALTERNATE GLAZING DETAILS

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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

1	1/14/25	ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	LFS	
NO.	DATE		BY	
				REVISIONS

DATE: 3/27/24

SCALE: N.T.S.

DWG. BY: *LFS*

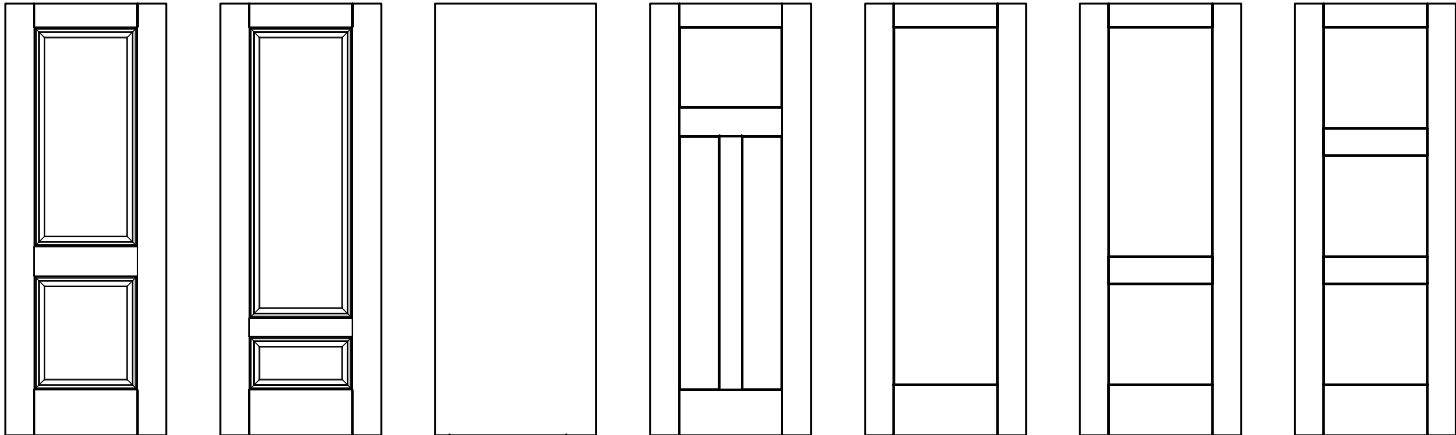
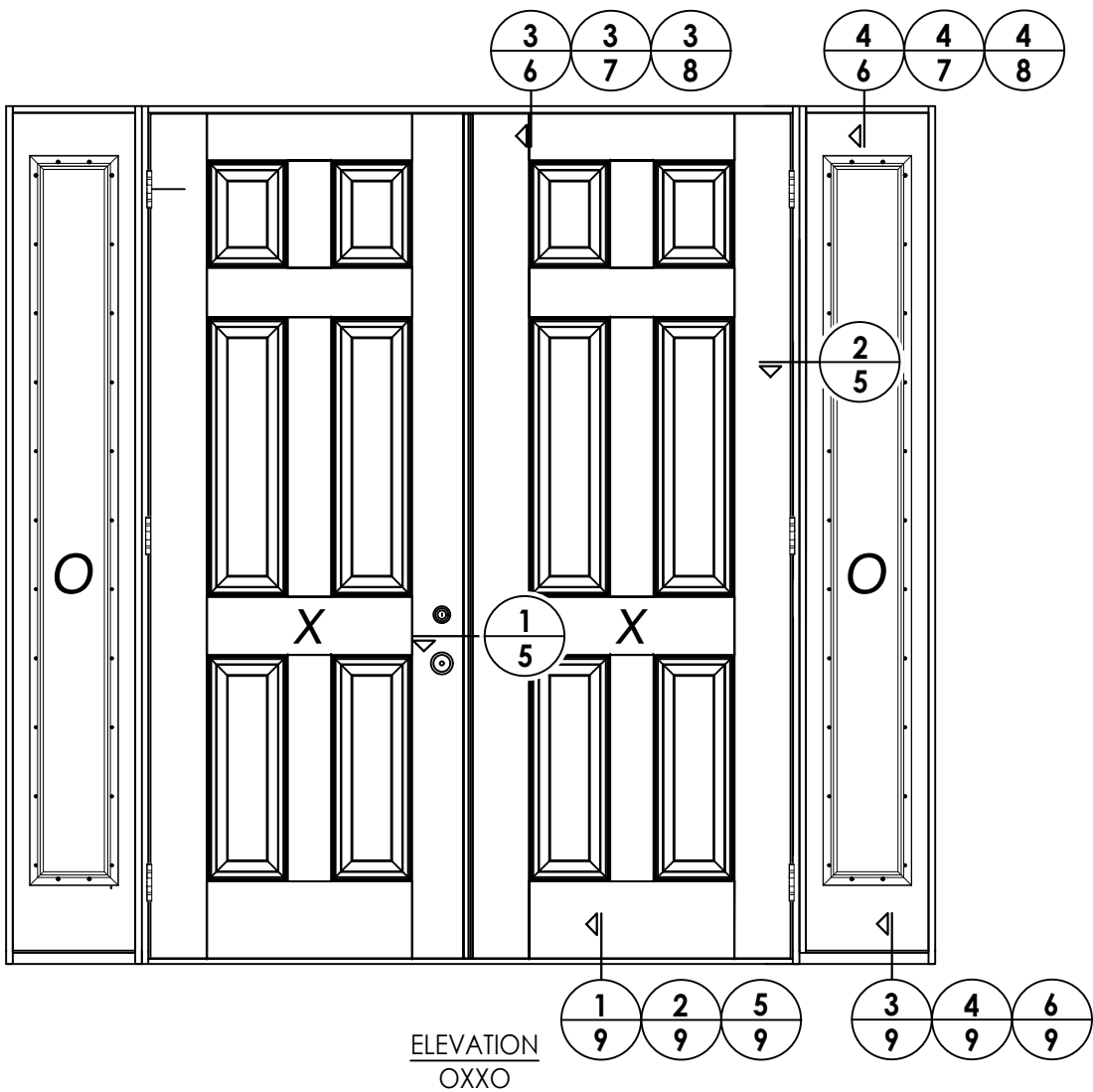
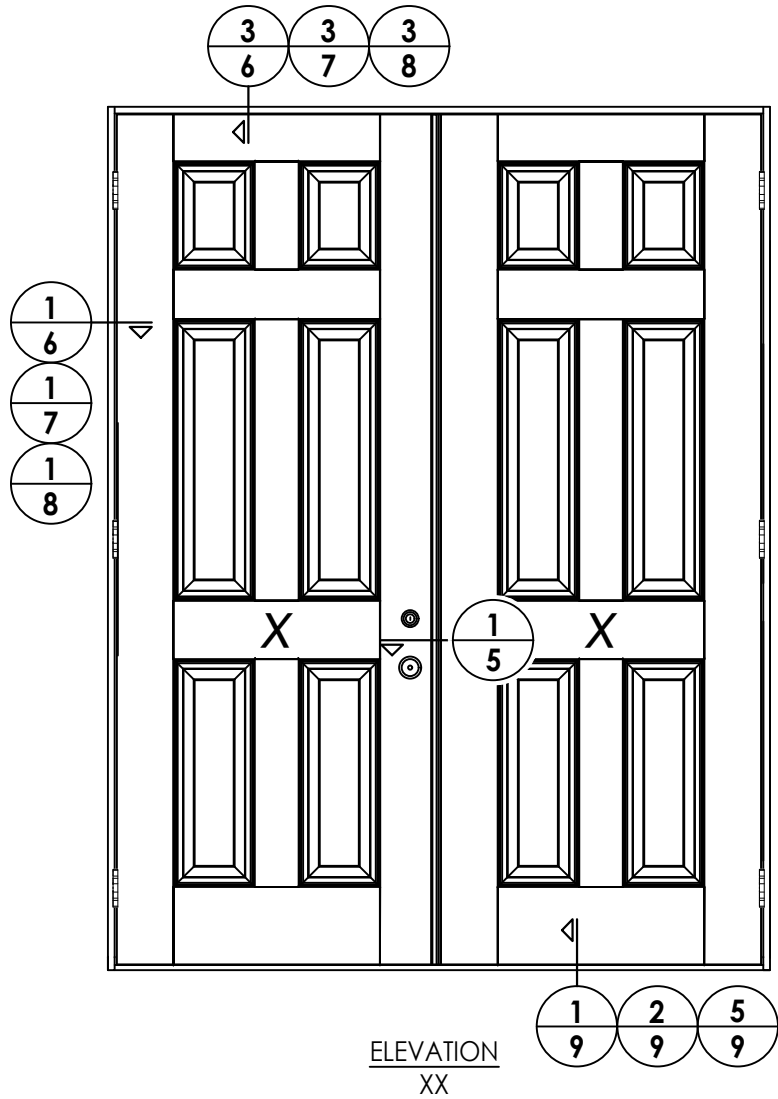
CHK. BY: *RW*

DRAWING NO.:

FL-46119.4

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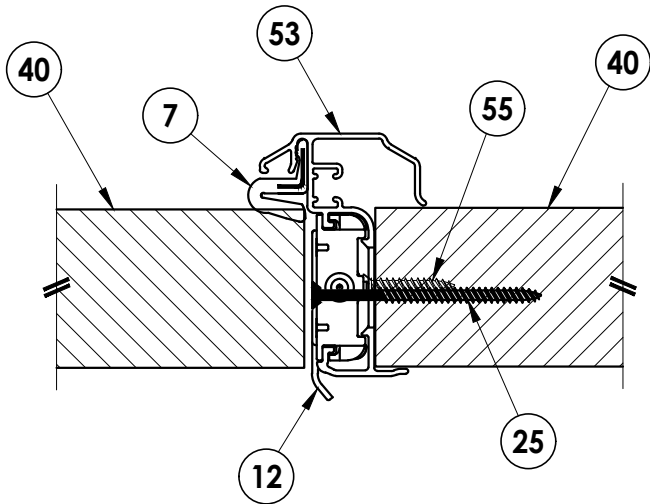
ALTERNATE DOOR PANELS

										PRODUCT: ODL FIBERGLASS DOOR			
										PART OR ASSEMBLY: ELEVATIONS			

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NOTE:

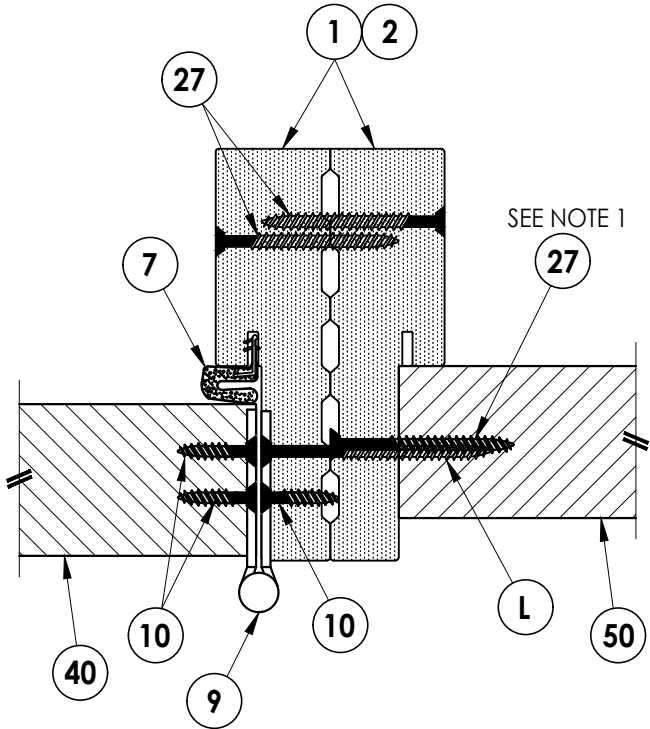
1. SIDELITE ASSEMBLY SCREWS LOCATED 4" FROM EACH
END PLUS 5 MORE EQUALLY SPACED (7 TOTAL).



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

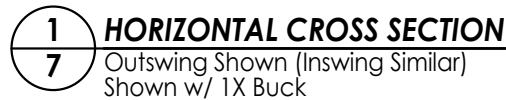
INTERIOR

EXTERIOR



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

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PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS					
				1	1/14/25	ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	LFS
				NO.	DATE		BY
				REVISIONS			
DATE: 3/27/24							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46119.4							
SHEET 5 OF 12							



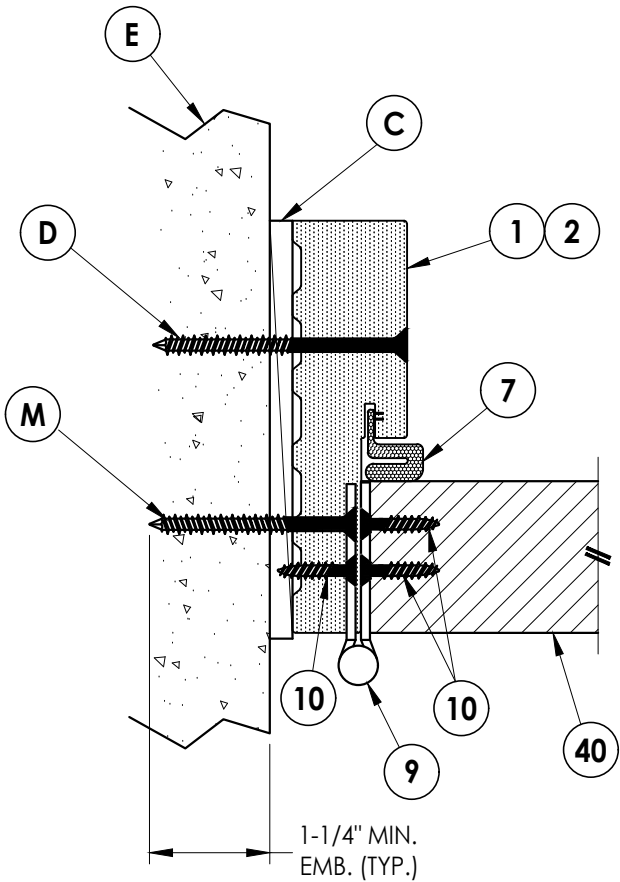
SEE NOTE 1

[illegible]

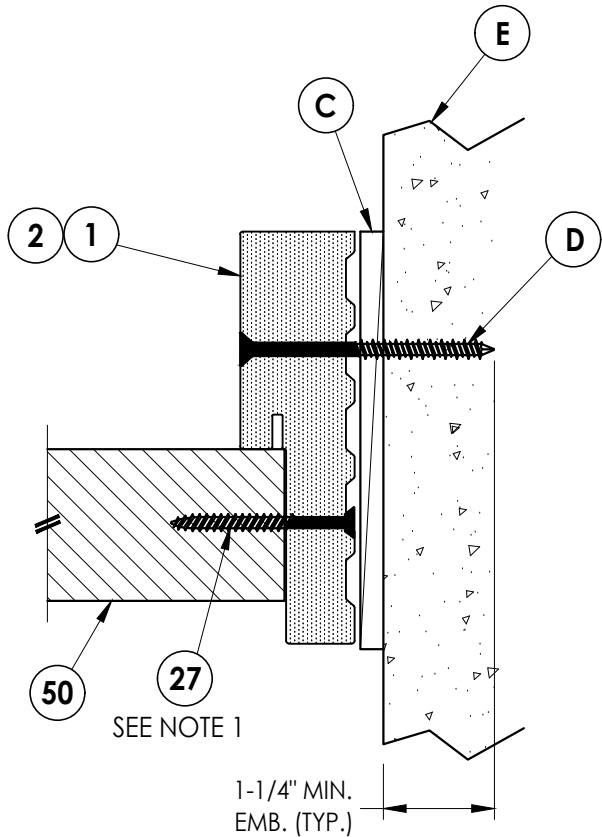
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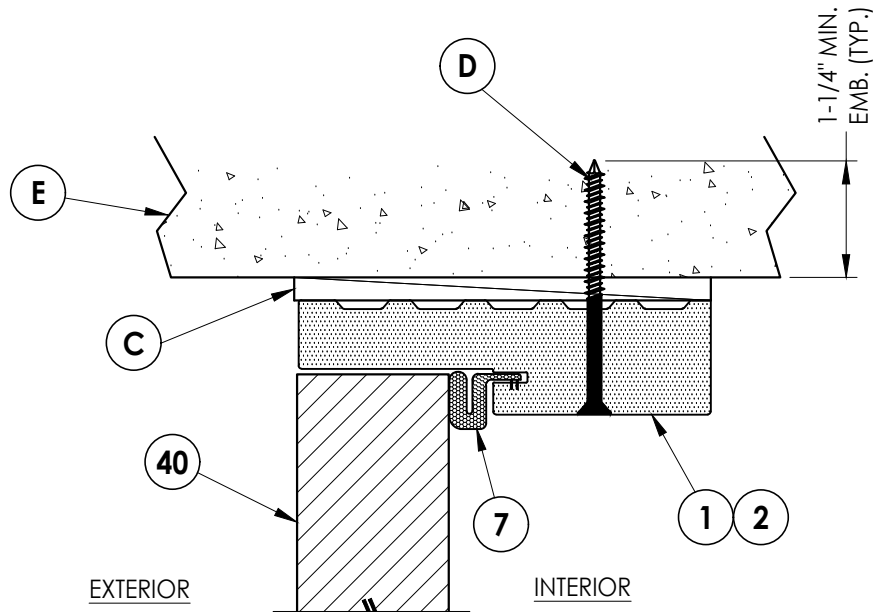
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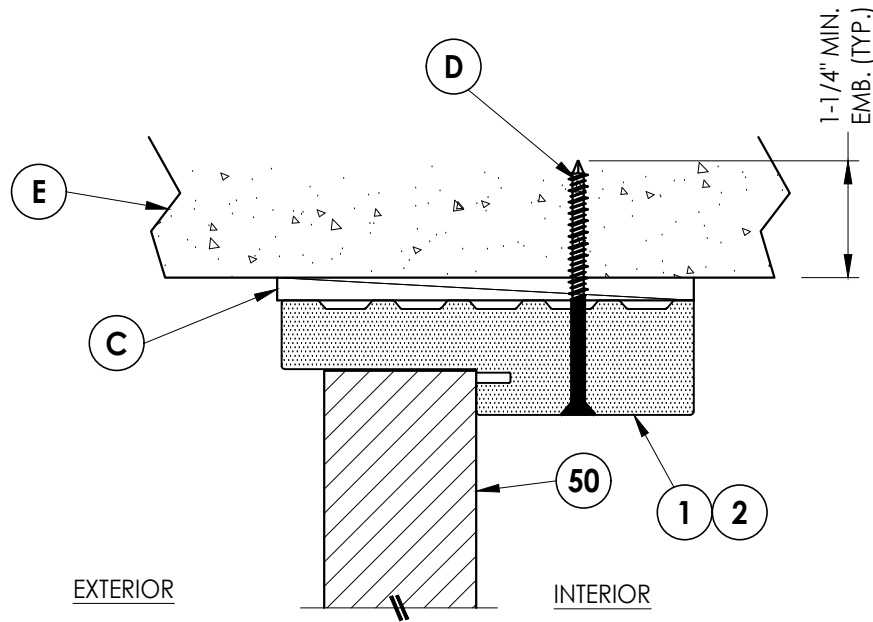
1
8 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



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

NOTE:

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

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FBPE Registry No. 9813

PRODUCT:		ODL FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	REVISIONS	
		LFS	BY
1	1/14/25	ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	
DATE: 3/27/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46119.4			
SHEET 8 OF 12			

Diagram illustrating the cross-section of a bridge deck showing the connection between the interior and exterior. The diagram includes the following components and labels:

- INTERIOR**: The upper portion of the structure, indicated by a diagonal hatching pattern.
- EXTERIOR**: The lower portion of the structure, indicated by a stippled pattern.
- 40**: A circular callout pointing to the vertical wall or curb.
- 8**: A circular callout pointing to the horizontal deck or slab.
- 18**: A circular callout pointing to the reinforcing bars (rebar) embedded in the concrete.
- Q**: A circular callout pointing to the embedment of the rebar into the concrete.
- 1-1/4" MIN. EMB. (TYP.)**: A dimension line indicating the minimum embedment depth of the rebar into the concrete.

Diagram illustrating the cross-section of a window assembly, showing the exterior and interior details.

EXTERIOR

INTERIOR

1-1/4" MIN. EMB. (TYP.)

40

15 17 19

Q

1-1/4" MIN.
EMB. (TYP.)

50

1 2

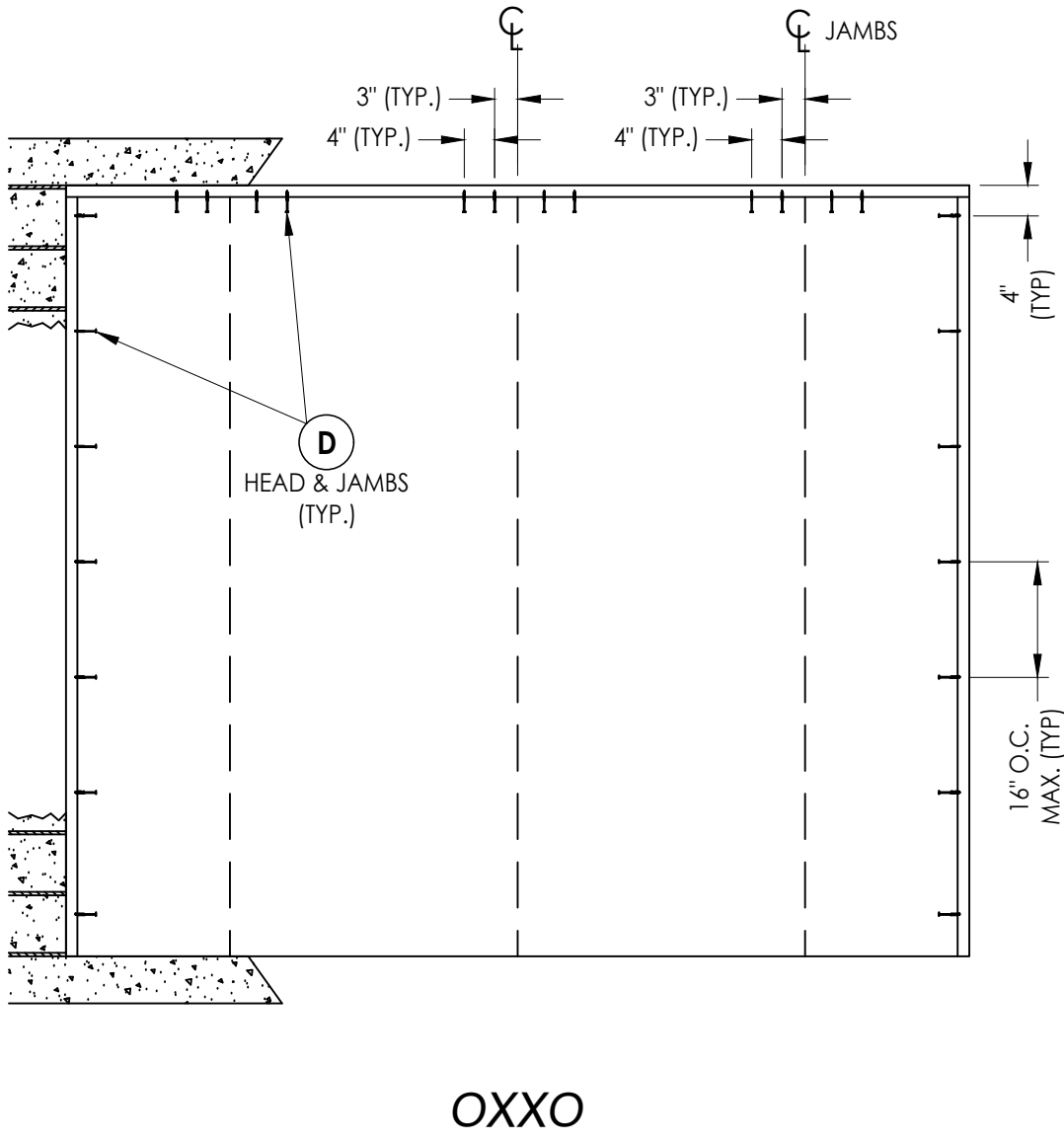
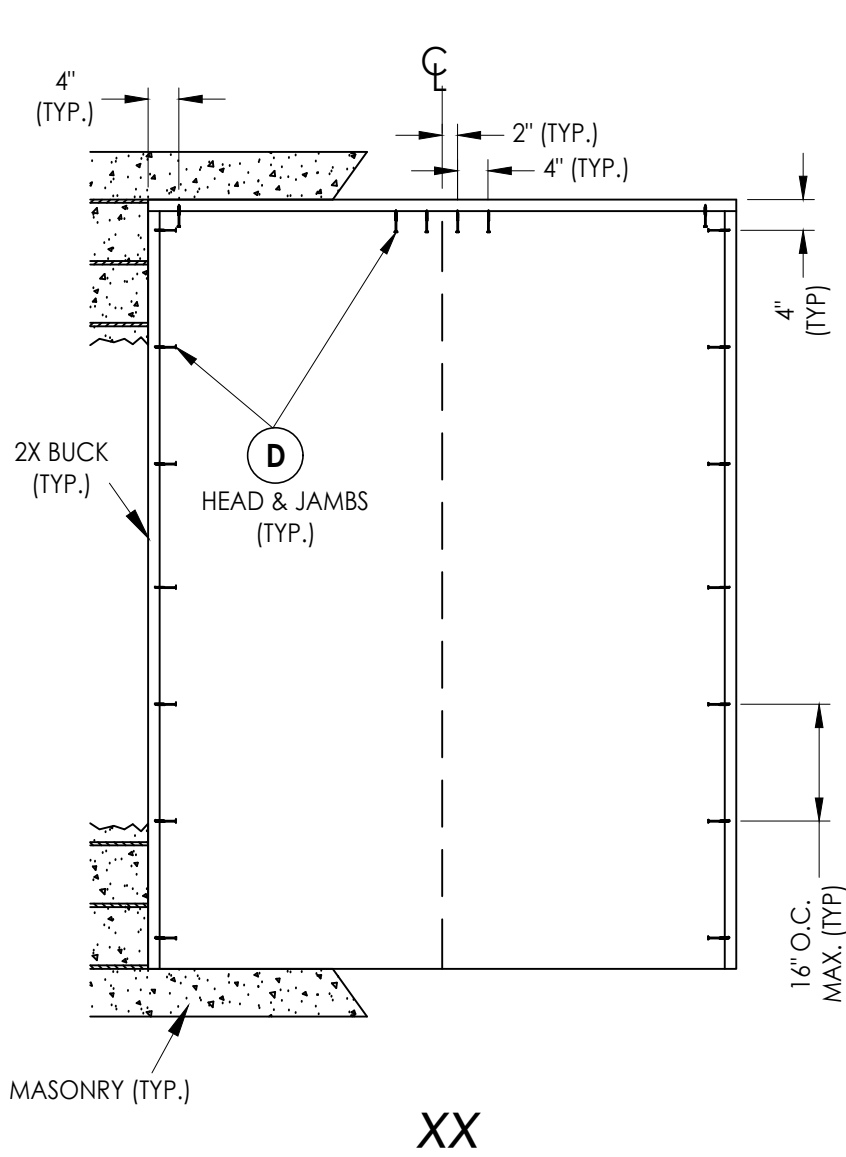
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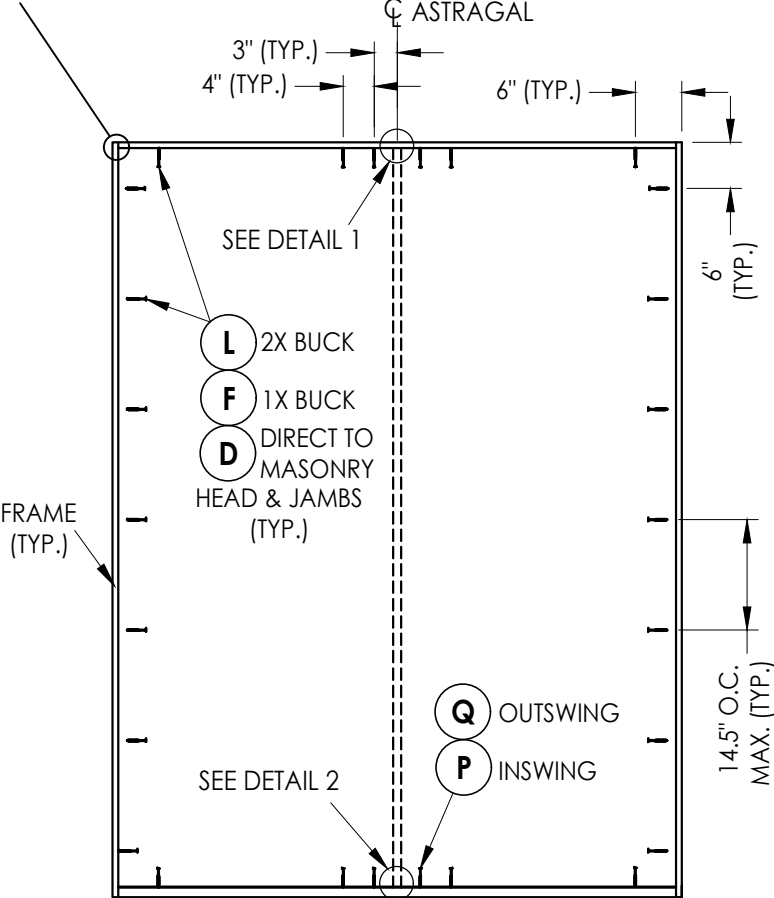


2X BUCK ANCHORING

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PRODUCT:		ODL FIBERGLASS DOOR		PART OR ASSEMBLY:		BUCK ANCHORING	
				LFS		BY	
				ADD ALTERNATE JAMBS, ASTRAGAL			
				& THRESHOLDS			
1	1/14/25			NO.	DATE		
REVISIONS							
DATE: 3/27/24							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46119.4							
SHEET 10 OF 12							

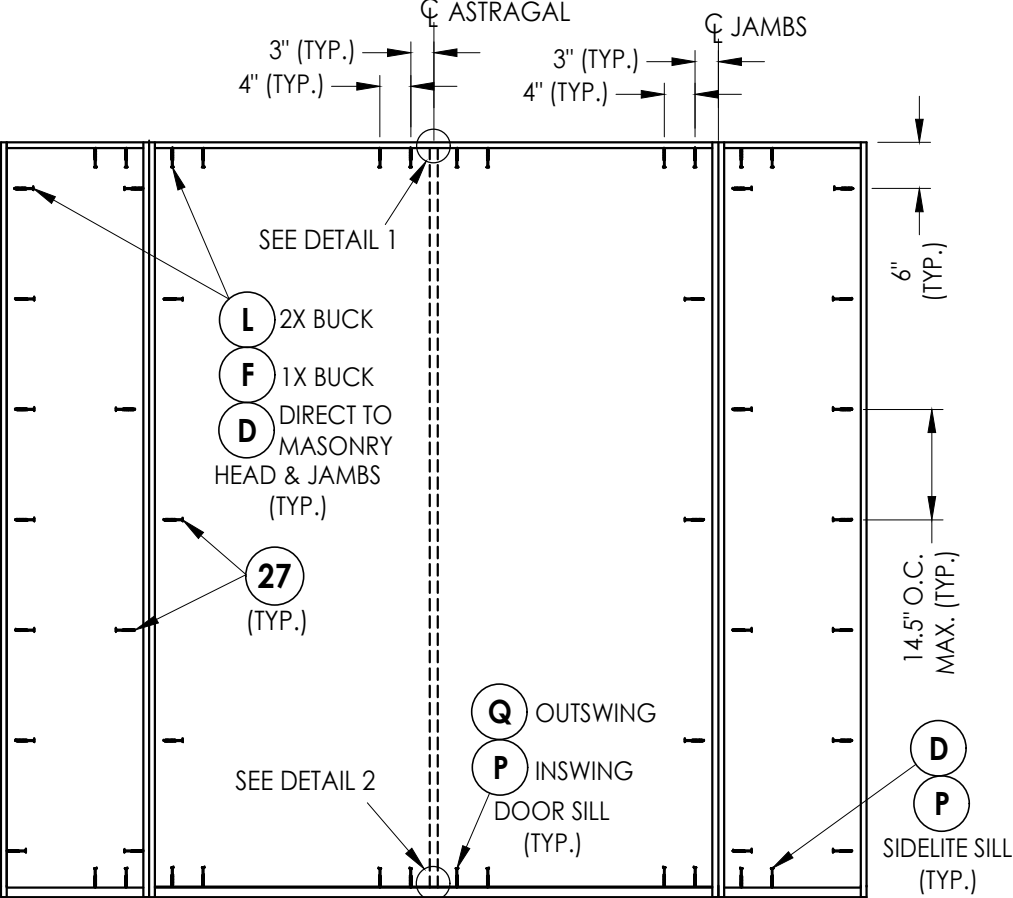
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FRAME CORNERS ATTACHED w/ #9 X 2-1/2"
DEEP THREAD WOOD SCREWS: (3) @ HEAD
& (2) @ SILL (TYP.)

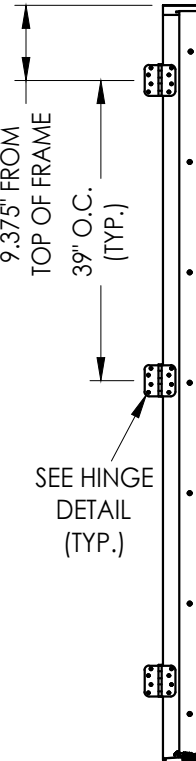


XX

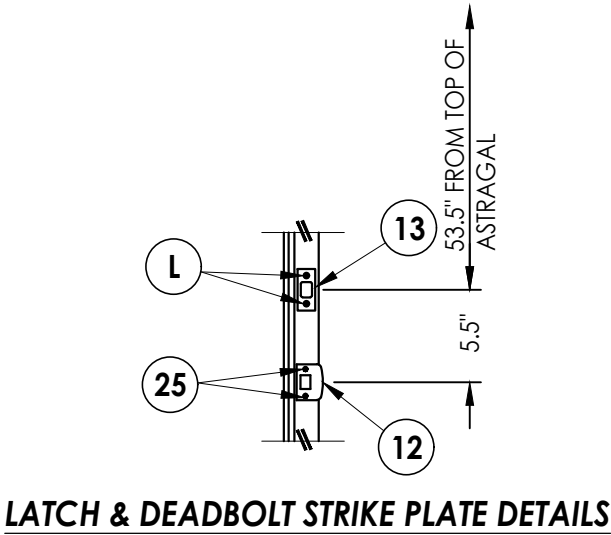
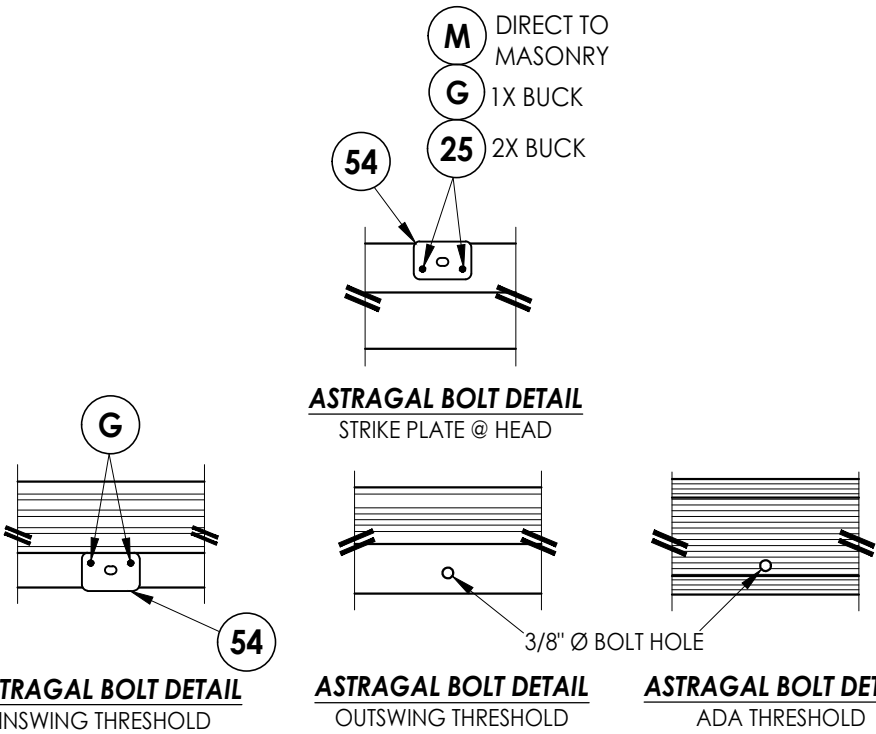
FRAME ANCHORING



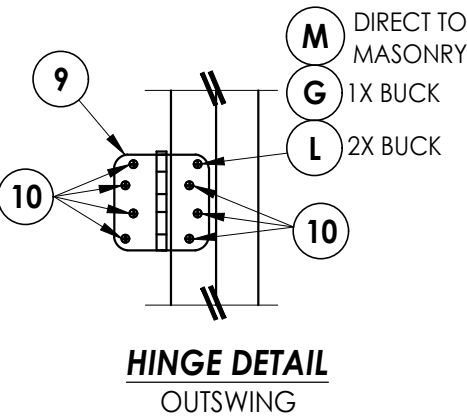
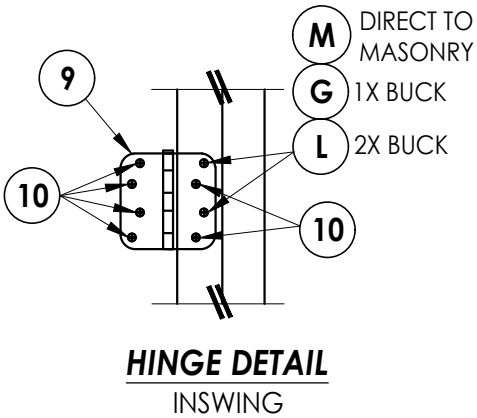
OXXO



HINGE JAMB



HARDWARE DETAILS



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PRODUCT: ODL FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
		LFS	BY
		ADD ALTERNATE JAMBS, ASTRAGAL & THRESHOLDS	
1	1/14/25	NO.	DATE
REVISIONS			
DATE: 3/27/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46119.4			
SHEET 11 OF 12			

