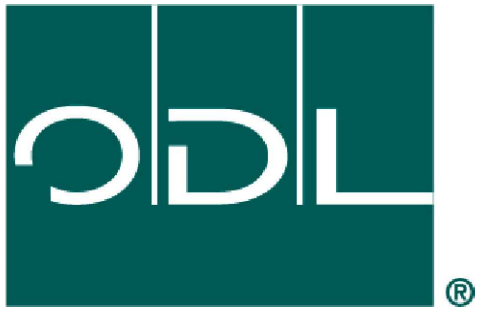




ODL, Inc.

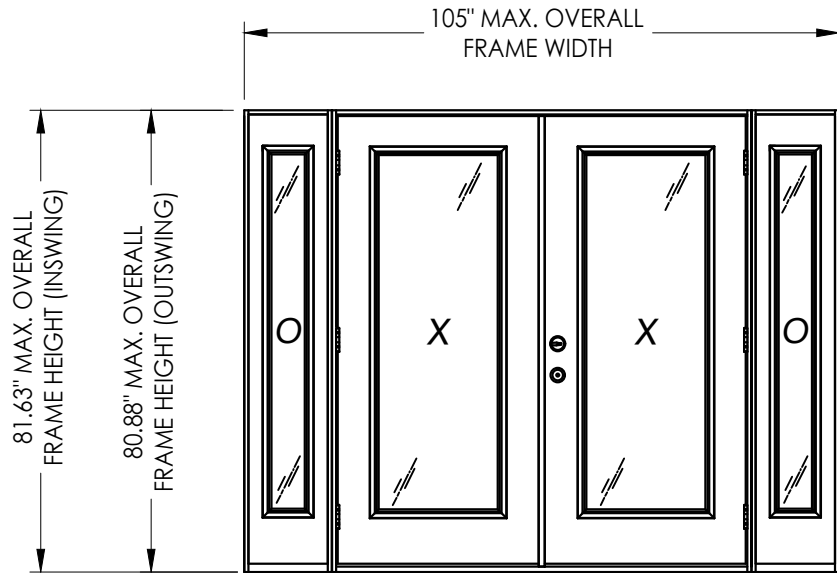
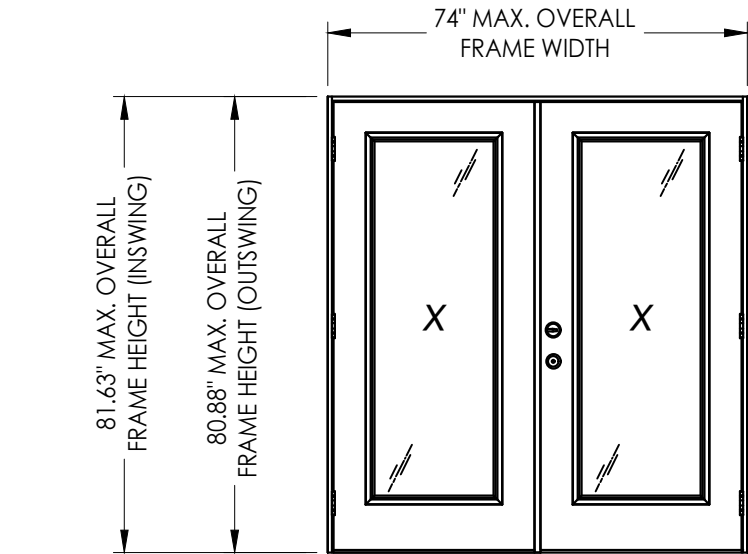
GLAZED STEEL ENTRY DOOR
DOUBLE w/ or w/out SIDELITES

INSWING/OUTSWING
"NON-IMPACT"

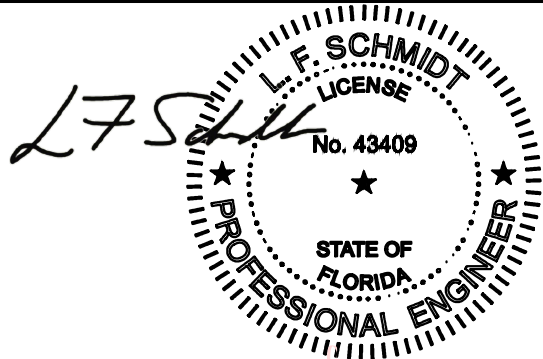
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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.
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
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel & Glazing Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Horizontal Cross Sections
9	Vertical Cross Sections
10	Buck Anchoring
11	Frame Anchoring & Hardware Details
12	Astragal Details
13	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 81.63"	+40.0	-45.0	+40.0	-40.0
OXXO	105.0" x 81.63"	+40.0	-45.0	+40.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.16 07:52:22 -04'00'

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

PRODUCT: ODL, INC.
STEEL DOOR

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-29651.6

SHEET 1 OF 13

Part or Assembly:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

REVISIONS

DATE: 7/02/26
UPDATE TO 9TH ED. (2026) FBC

DATE: 3/30/26
MANUFACTURER'S NAME CHANGE

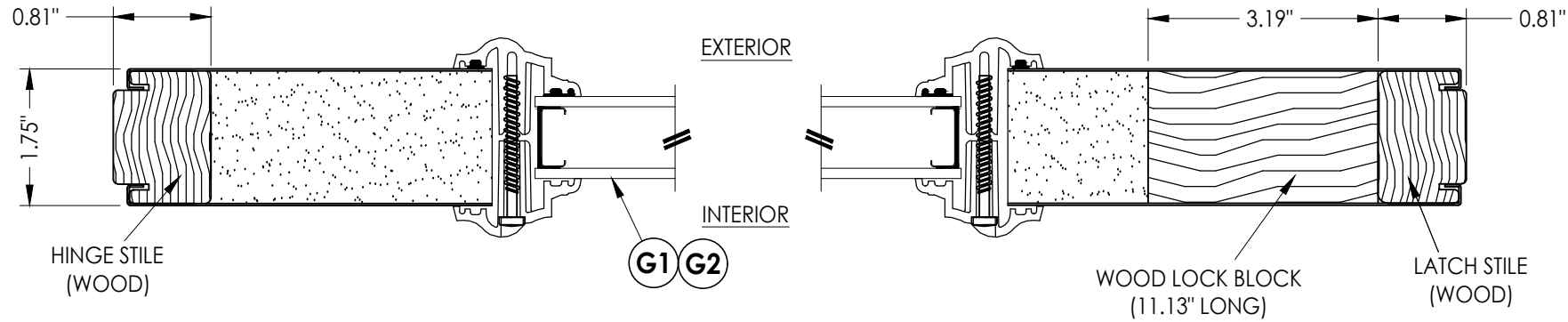
NO. 4
3
2

BY: LFS
LFS
BY

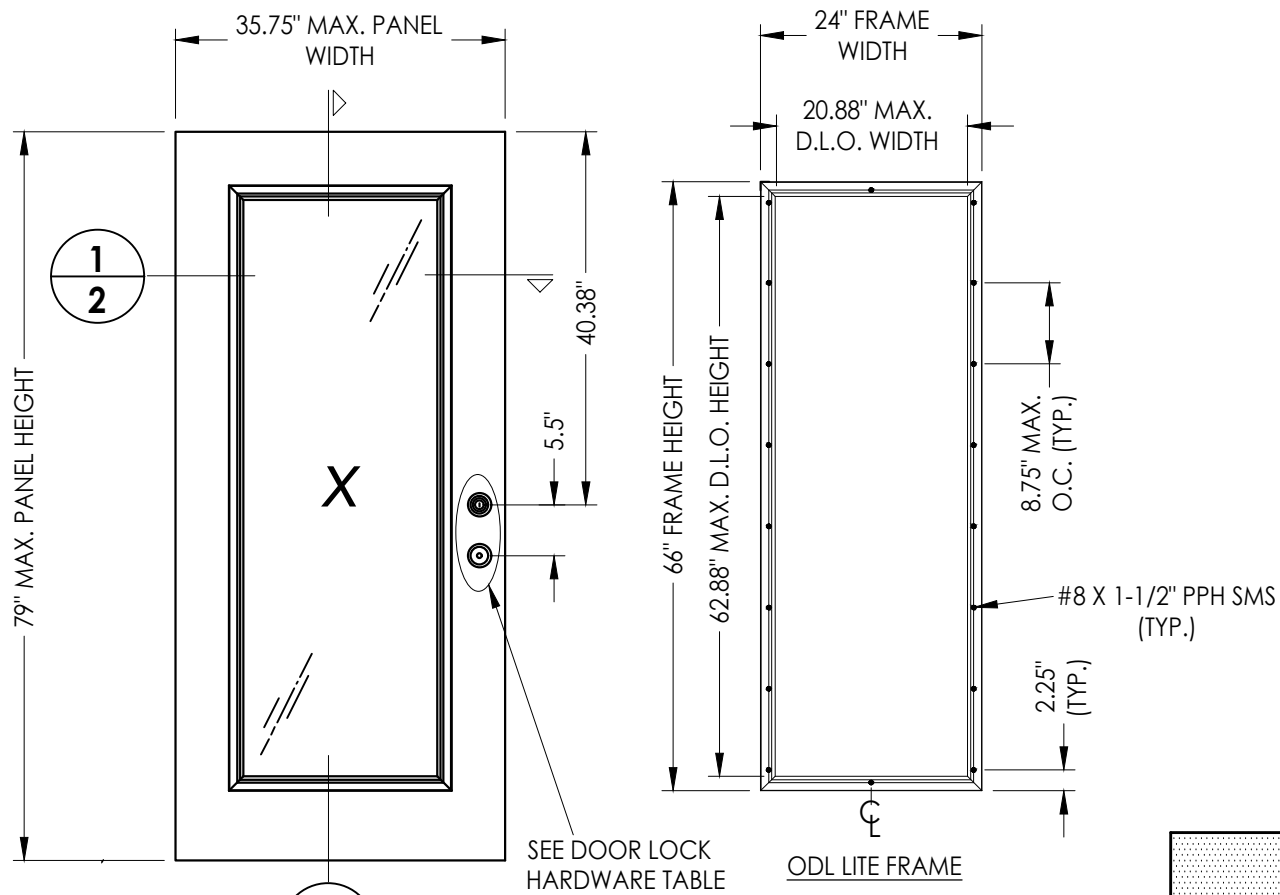
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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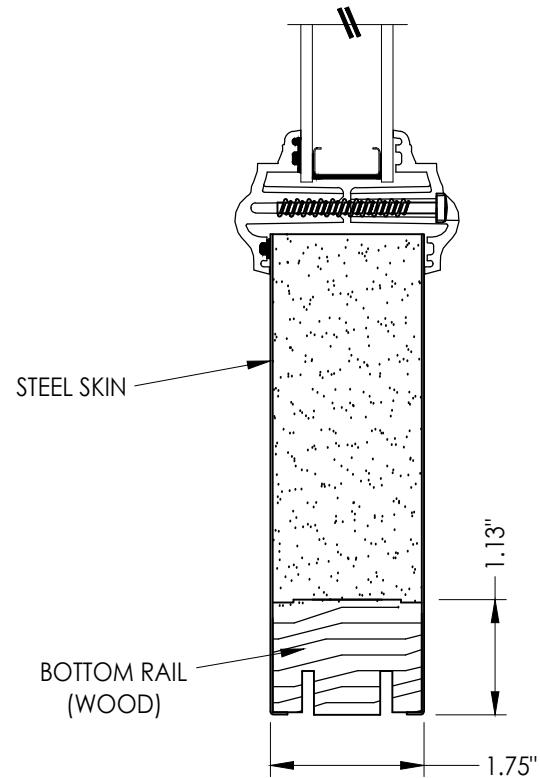
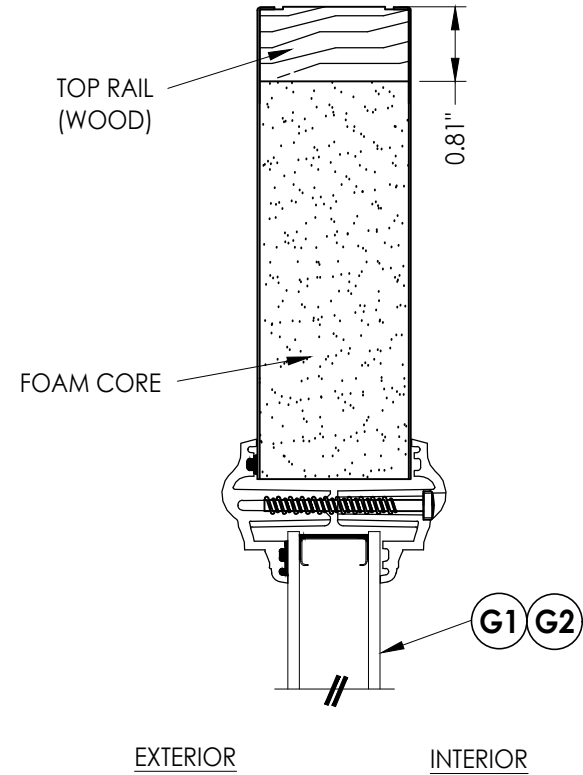
1
2 **HORIZONTAL CROSS SECTION**



2
2
40 STEEL DOOR PANEL
ODL, INC.

STEEL SKIN: 25 GA. (0.018" MIN. THK.)
FOAM CORE: POLYUREHTANE

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
SCHLAGE	Knob:	F-SERIES (F51)
	DEADBOLT:	B-SERIES (B60)



2
2 **VERTICAL CROSS SECTION**

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

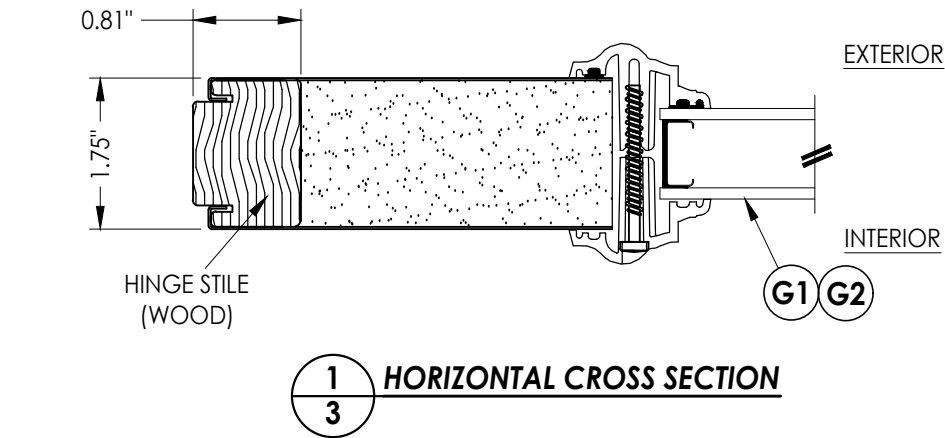
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	ODL, INC. STEEL DOOR	
	PART OR ASSEMBLY: DOOR PANEL DETAILS	

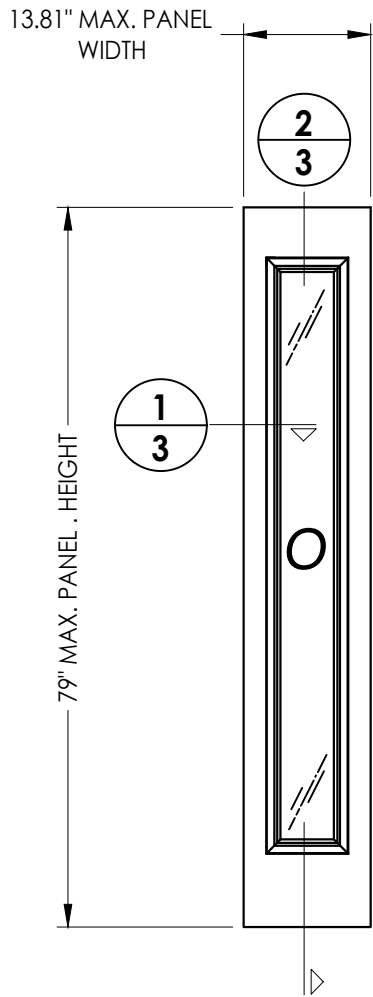
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NO.	DATE	BY	
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3	3/30/26	LFS	MANUFACTURER'S NAME CHANGE

DATE:	3/18/26
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-29651.6
SHEET	2 OF 13

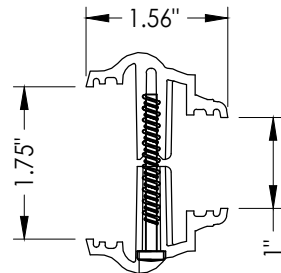
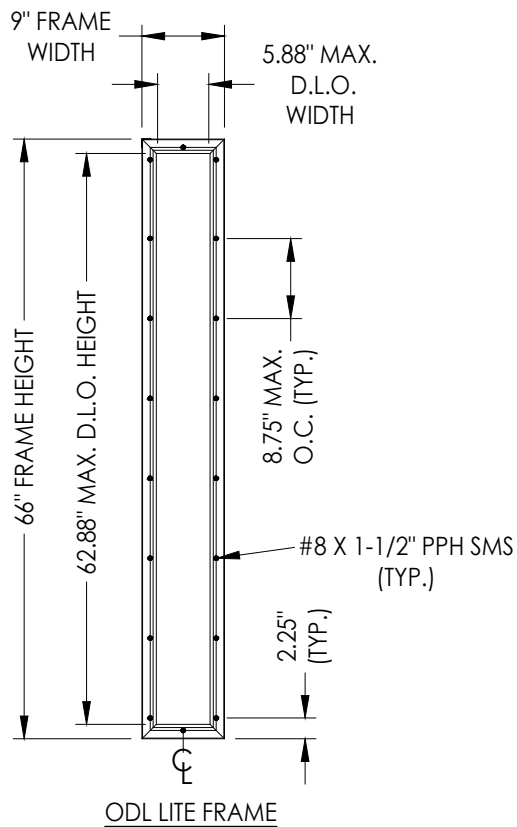
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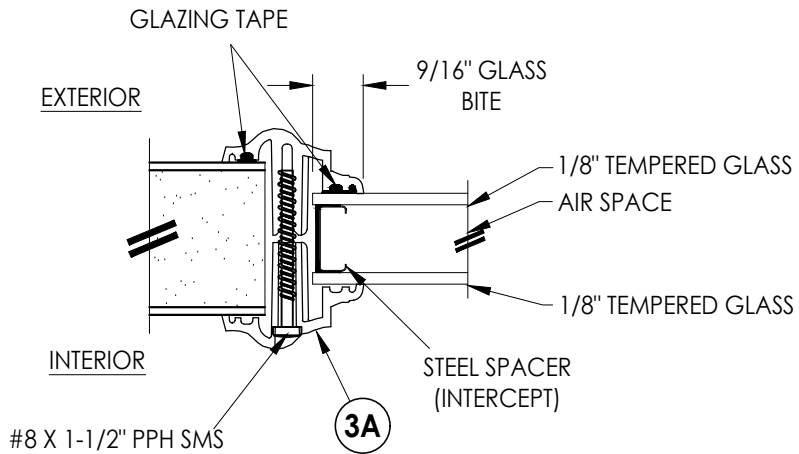
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3 **HORIZONTAL CROSS SECTION**



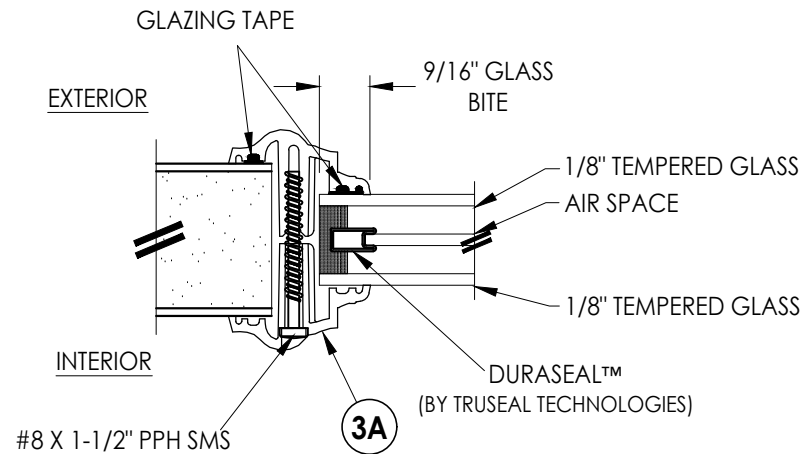
50 **STEEL SIDELITE PANEL**
ODL, INC.



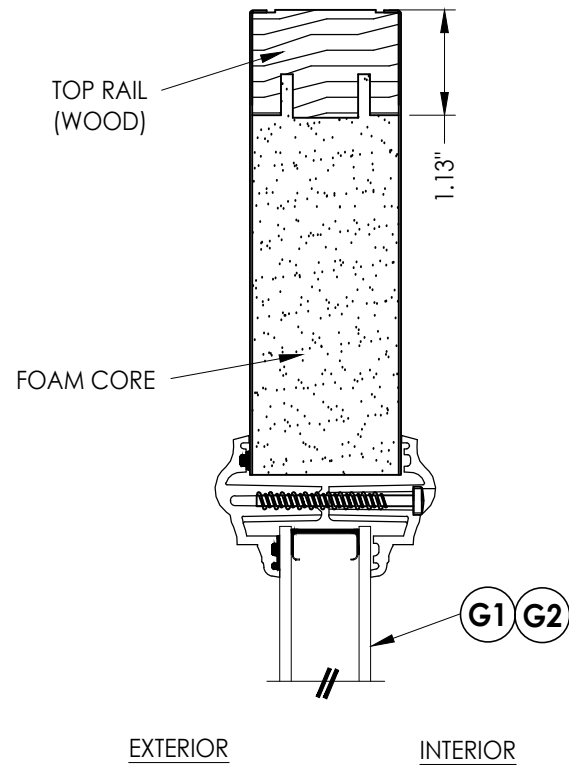
3A **ODL LITE FRAME**
EVOLVE FRAME
HP POLYPROPYLENE



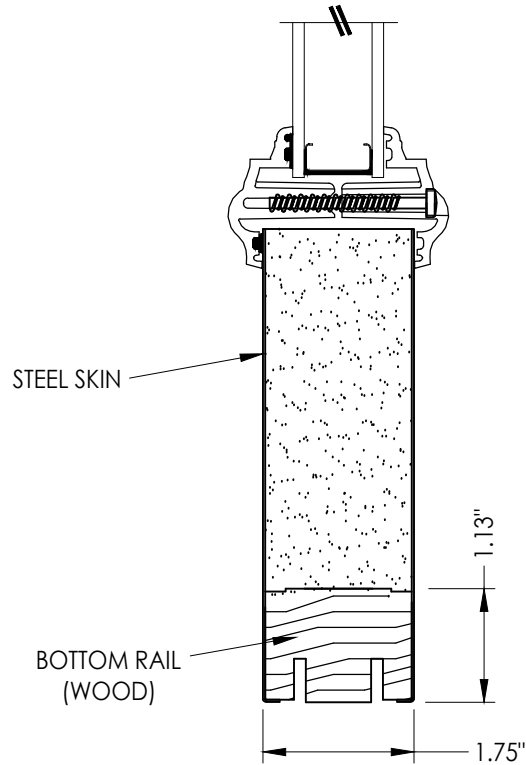
G1 **GLAZING DETAIL**
ODL LITE FRAME



G2 **GLAZING DETAIL**
ODL LITE FRAME



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, INC.**
STEEL DOOR

PART OR ASSEMBLY:
**SIDELITE PANEL &
GLAZING DETAILS**

REVISIONS			
NO.	DATE	BY	
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	3/30/26	MANUFACTURER'S NAME CHANGE	LFS

DATE: 3/18/26

SCALE: N.T.S.

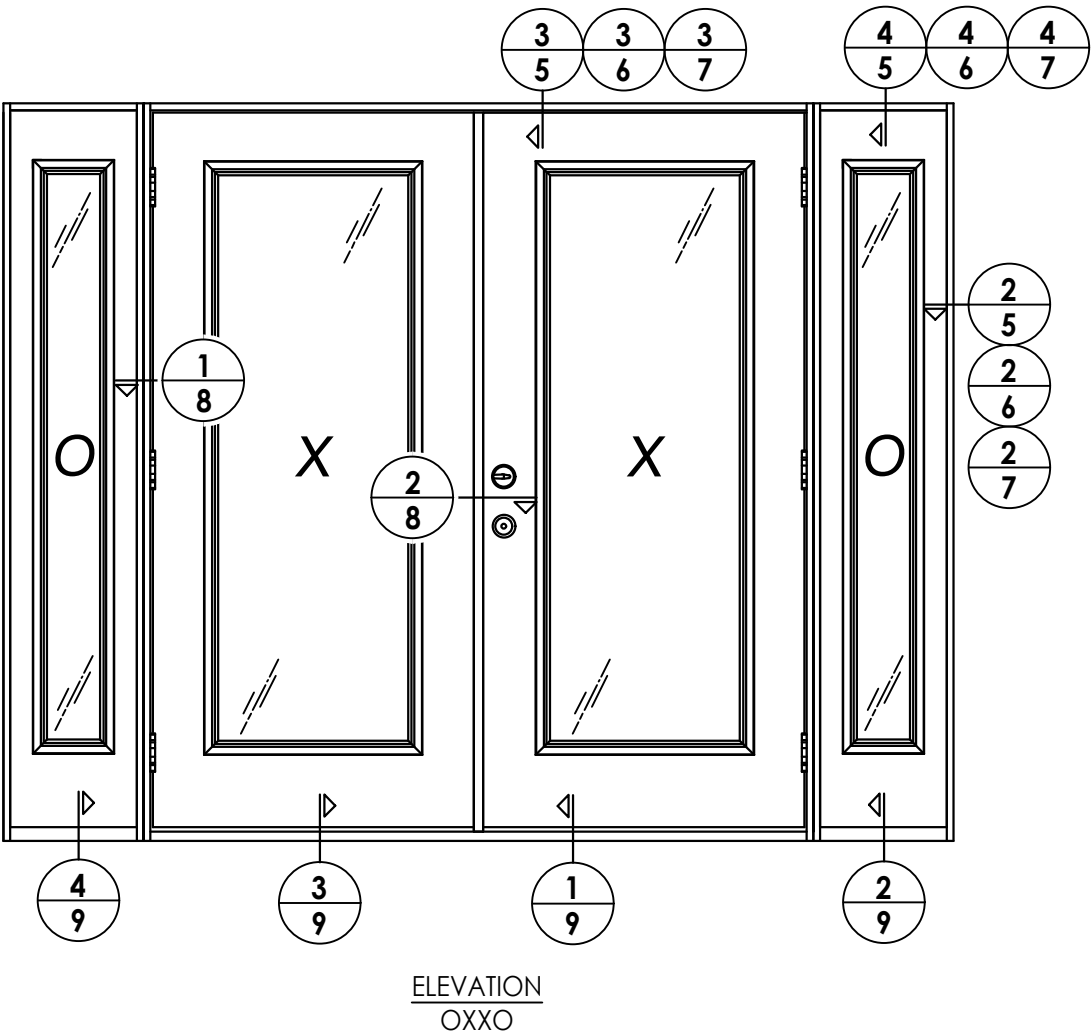
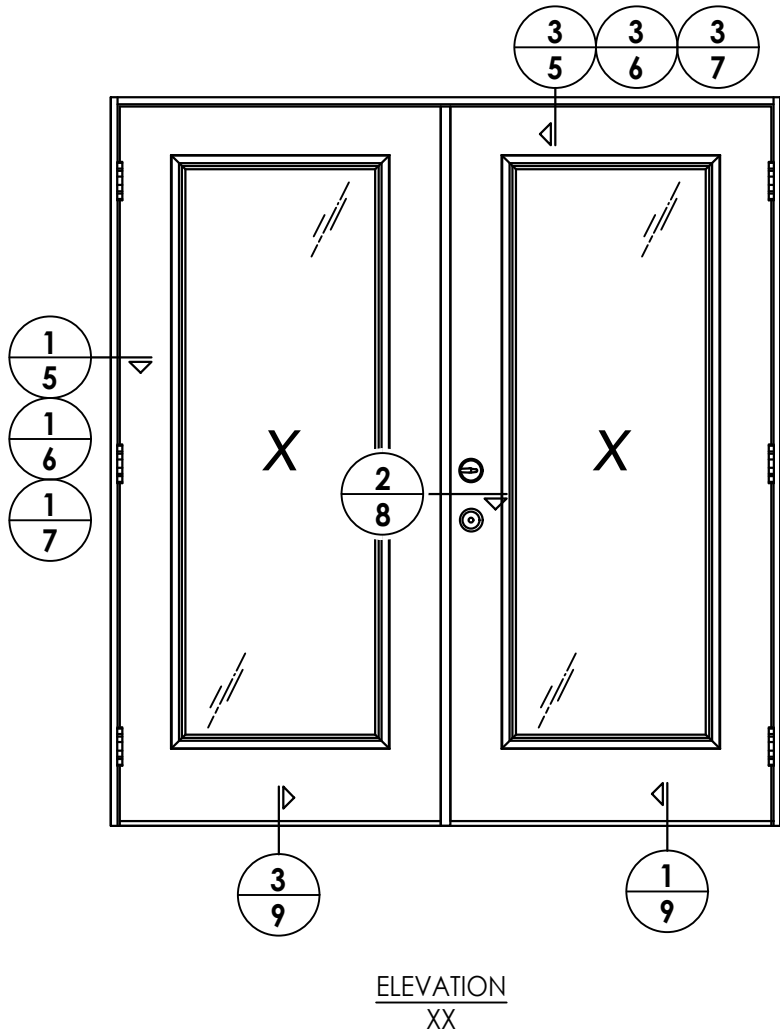
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CHK. BY: RW

DRAWING NO.: FL-29651.6

SHEET 3 OF 13

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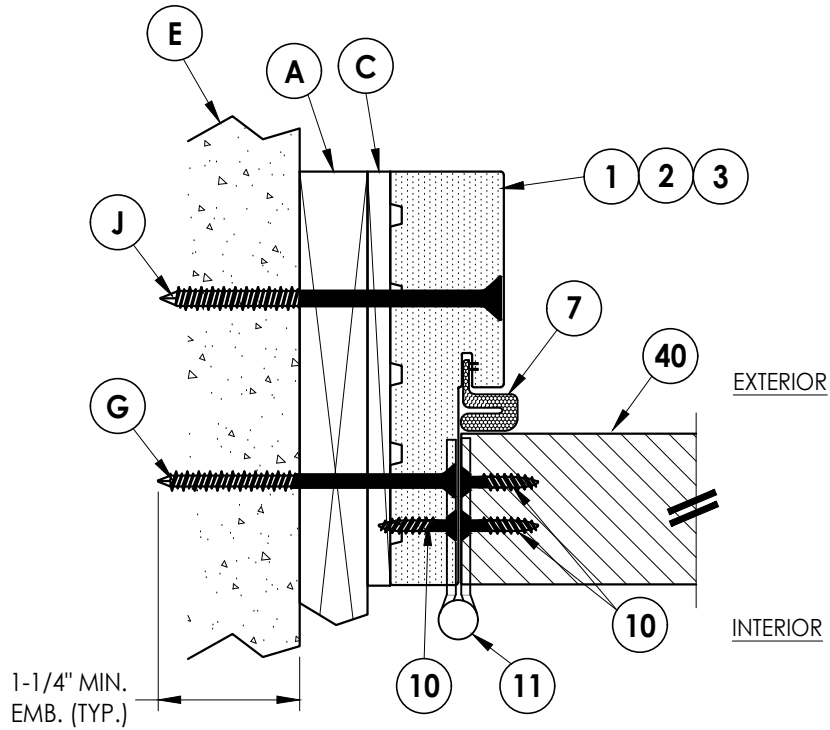
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NO.		DATE		3/30/26		MANUFACTURER'S NAME CHANGE		LFS		BY	
4		7/02/26		UPDATE TO 9TH ED. (2026)		FBC		LFS		PART OR ASSEMBLY:	
										ELEVATIONS	
										PRODUCT:	
										ODL, INC.	
										STEEL DOOR	
Documents Prepared By:											
Lyndon 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											



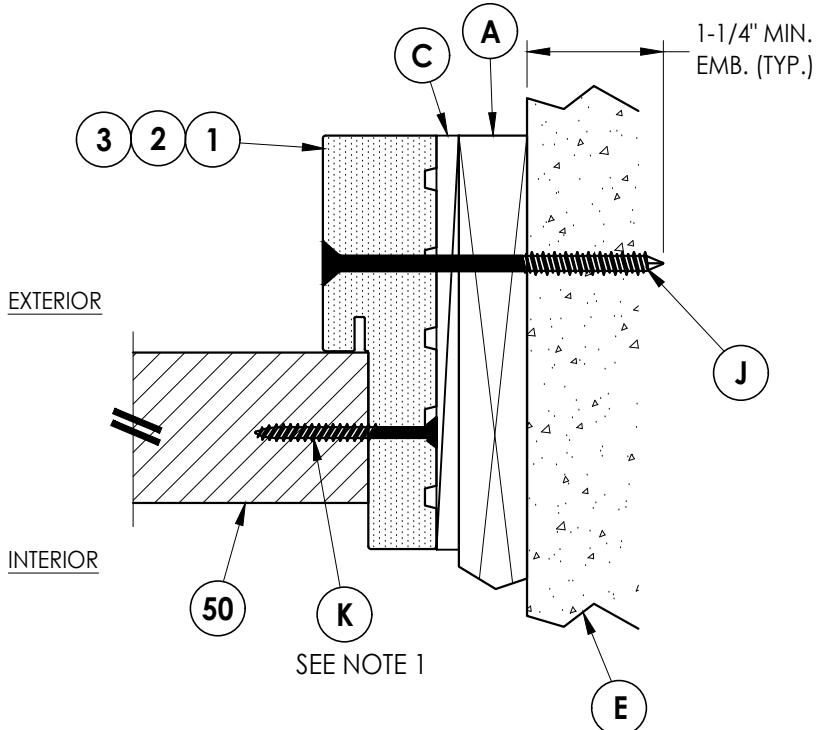
1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).

DATE: 3/18/26		DRAWING NO.: FL-29651.6		CHK. BY: RW		DWG. BY: LFS		SCALE: N.T.S.		DATE: 3/18/26	
SHEET 5 OF 13		REVISIONS		NO.		DATE		3/30/26		7/02/26	
LFS		BY		LFS		FBC		LFS		4	
UPDATE TO 9TH ED. (2026)		MANUFACTURER'S NAME CHANGE		FBC		LFS		STEEL DOOR		ODL, INC.	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)		RW		BUILDING CONSULTANTS, INC.		P.O. Box 230, Valrico, FL 33595		Phone No.: 813.659.9197	
FBPE Registry No. 9813										Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	

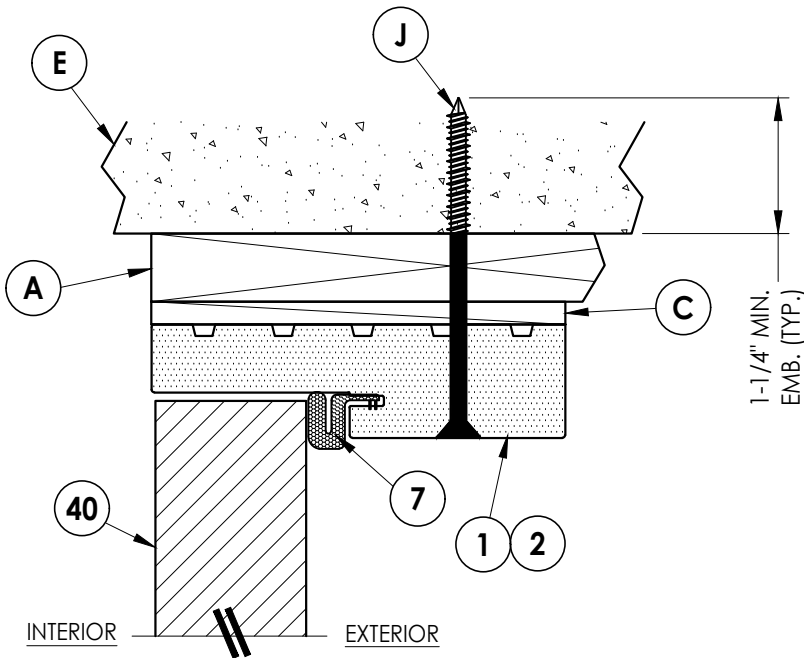
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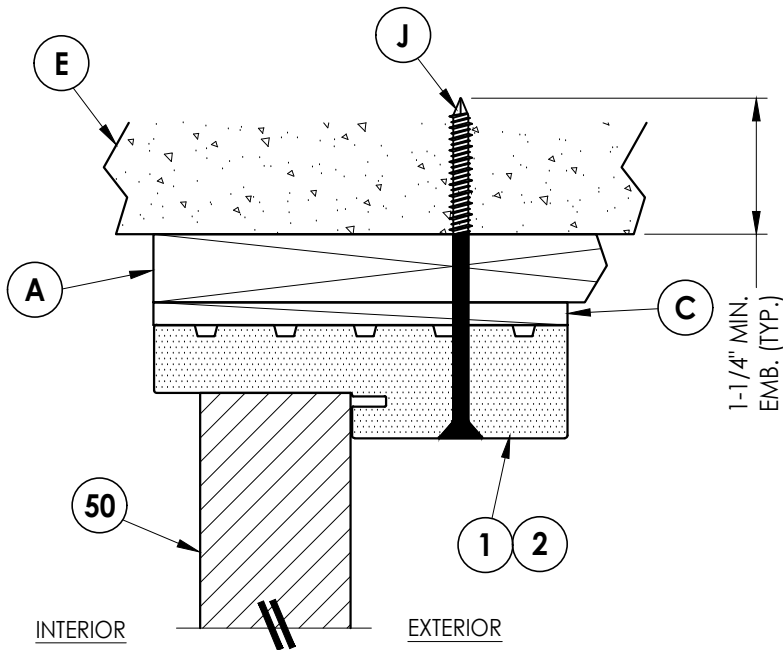
1 **HORIZONTAL CROSS SECTION**
6 Inswing Shown (Outswing Similar)
1X Buck Construction



2 **HORIZONTAL CROSS SECTION**
6 Inswing Shown (Outswing Similar)
1X Buck Construction



3 **VERTICAL CROSS SECTION**
6 Inswing Shown (Outswing Similar)
1X Buck Construction



4 **VERTICAL CROSS SECTION**
6 Inswing Shown (Outswing Similar)
1X Buck Construction

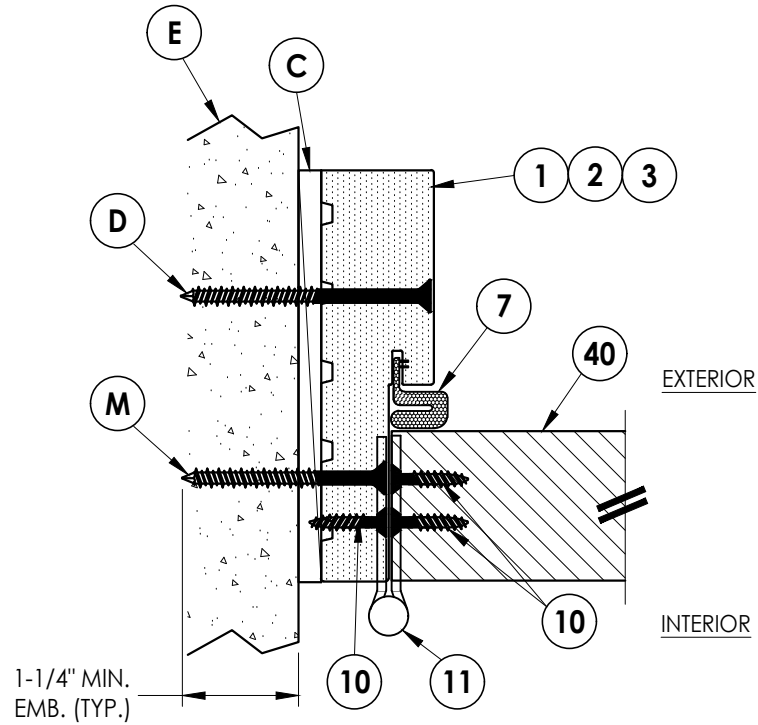
NOTE:
1. Sidelite attached @ 6" from each end plus
4 more screws equally spaced between
(6 screws total per jamb).

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

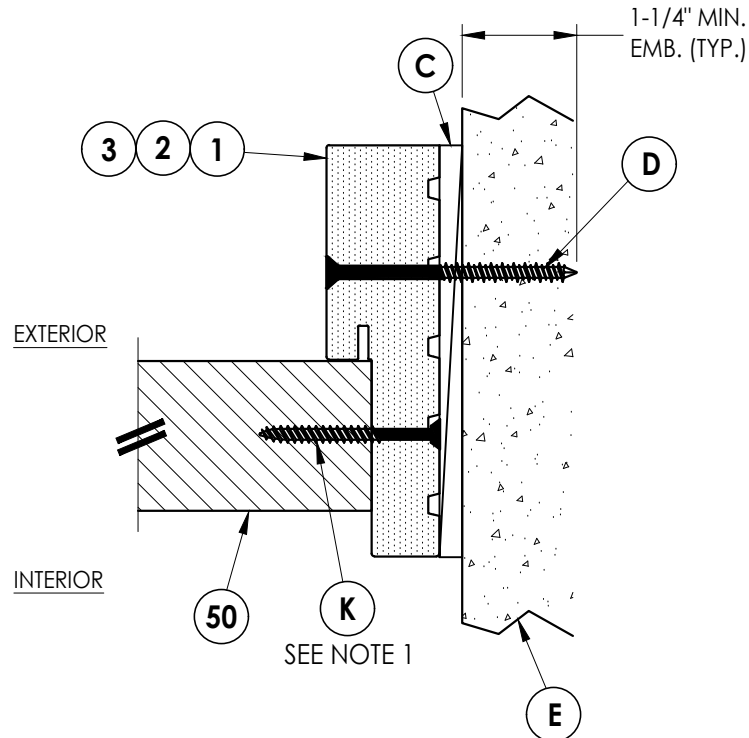
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:	
ODL, INC.		STEEL DOOR	
		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
		LFS	BY
		UPDATE TO 9TH ED. (2026) FBC	
		MANUFACTURER'S NAME CHANGE	
		NO.	DATE
REVISIONS			
DATE: 3/18/26			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-29651.6			
SHEET 6 OF 13			

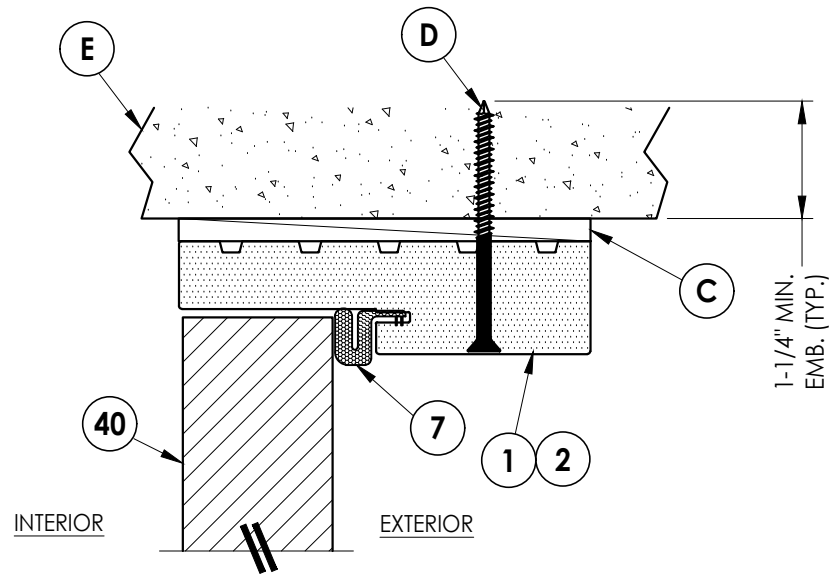
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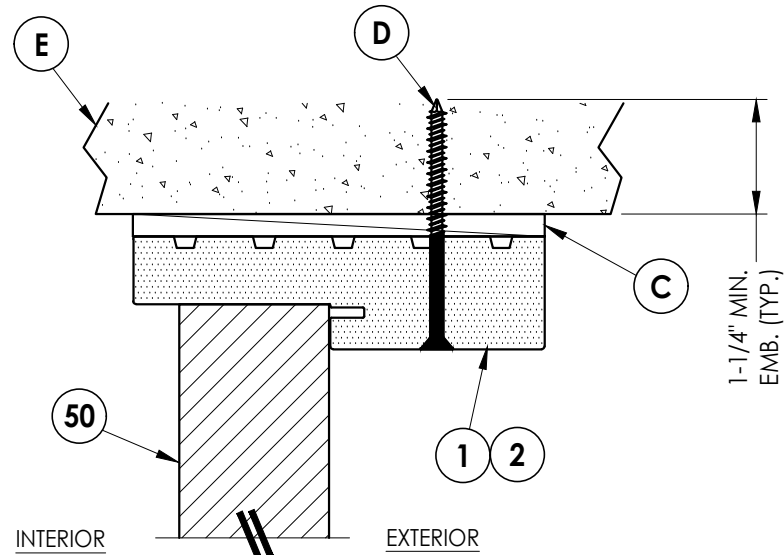
1
7 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)
Shown Direct to Masonry



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



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



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

NOTE:

1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).

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, INC. STEEL DOOR	
	PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	

NO.	DATE	REVISIONS	
4	7/02/26	UPDATE TO 9TH ED. (2026)	LFS
3	3/30/26	MANUFACTURER'S NAME CHANGE	LFS
			BY

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

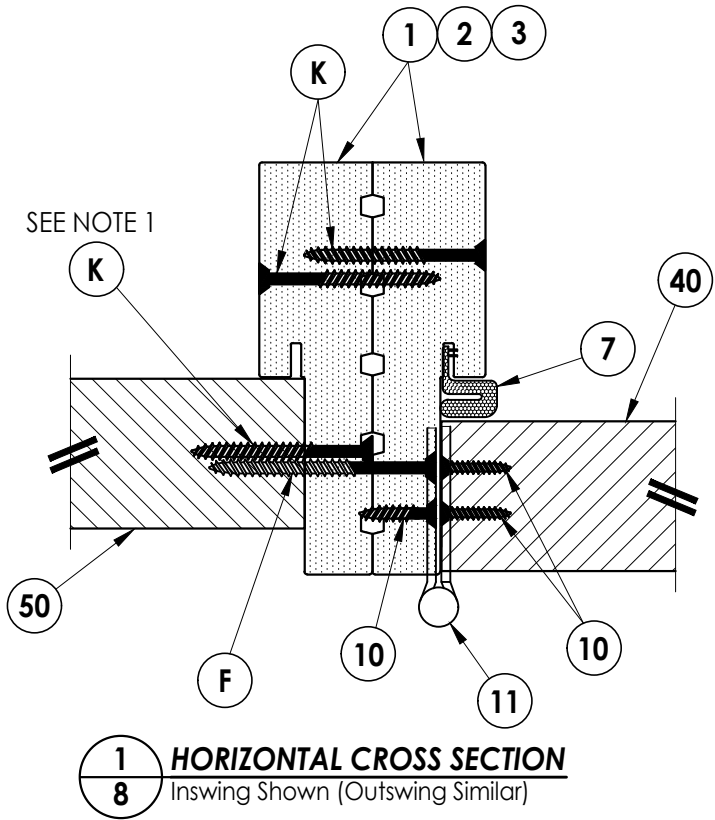
FL-29651.6

SHEET 7 OF 13

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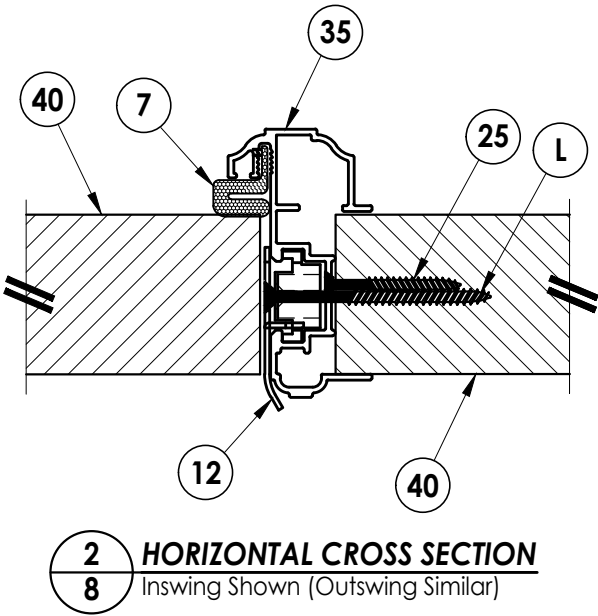
NOTE:

1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).



EXTERIOR

INTERIOR



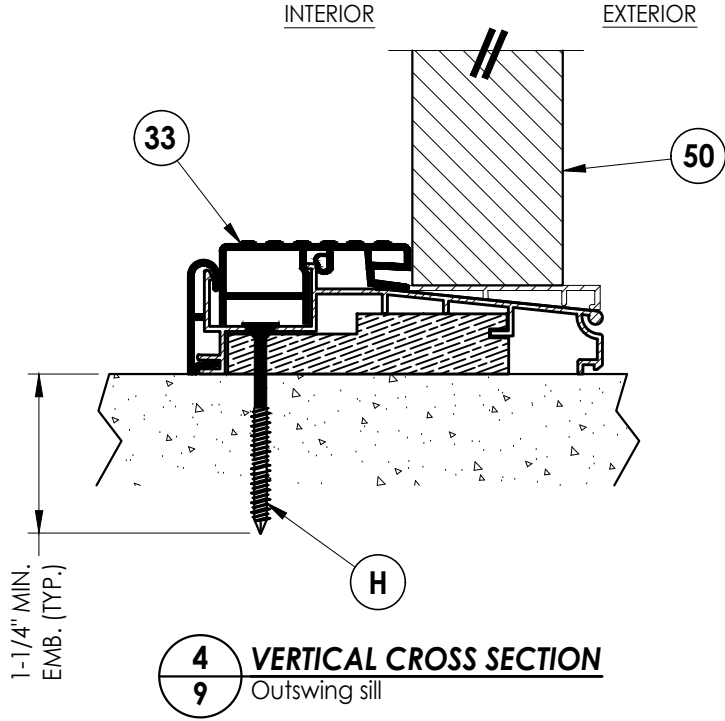
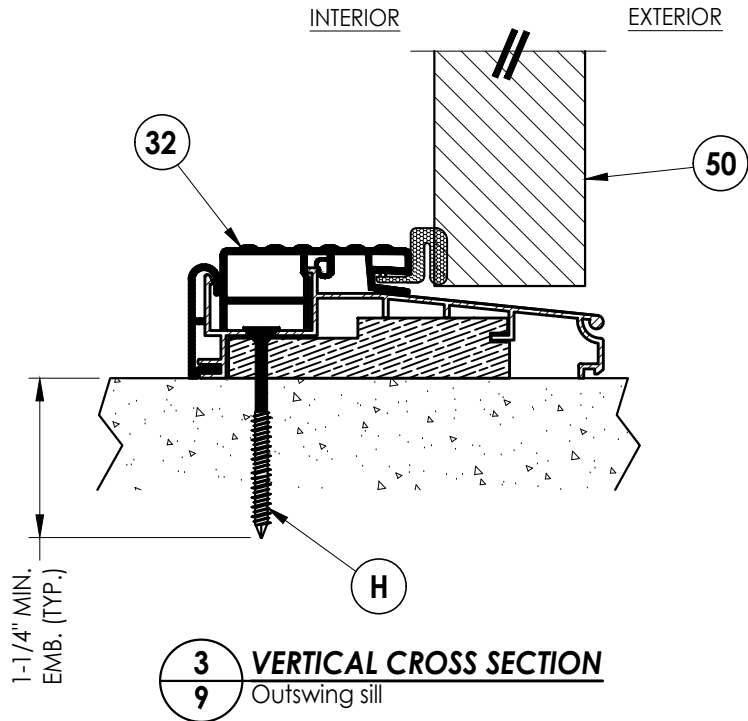
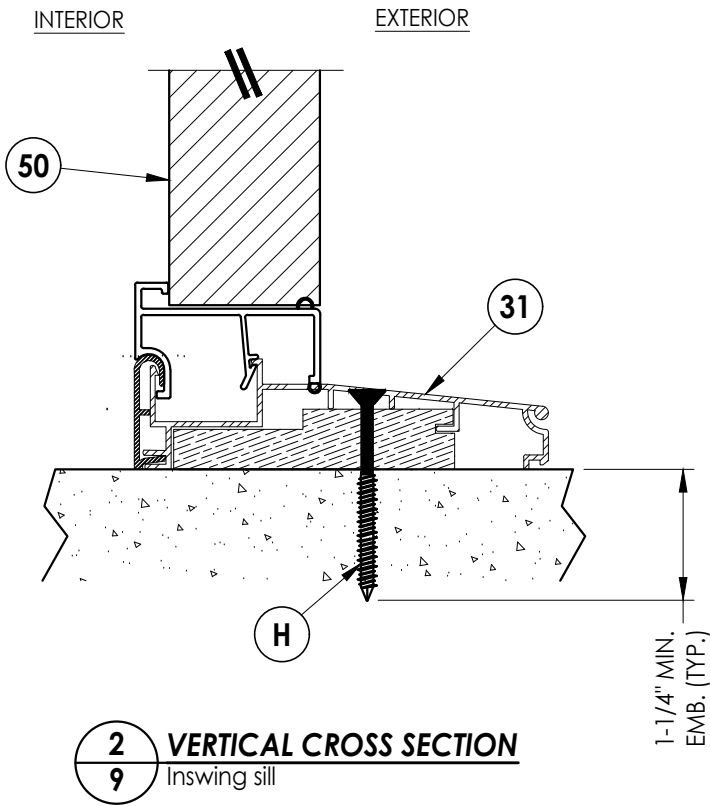
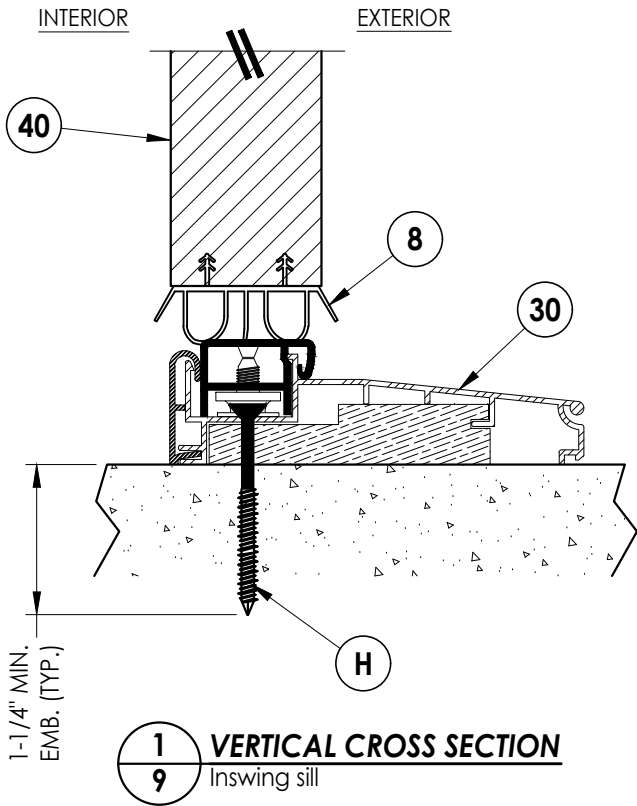
NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC
3	3/30/26	MANUFACTURER'S NAME CHANGE

DATE:	3/18/26
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-29651.6
SHEET	8 OF 13

PRODUCT:	ODL, INC. STEEL DOOR
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

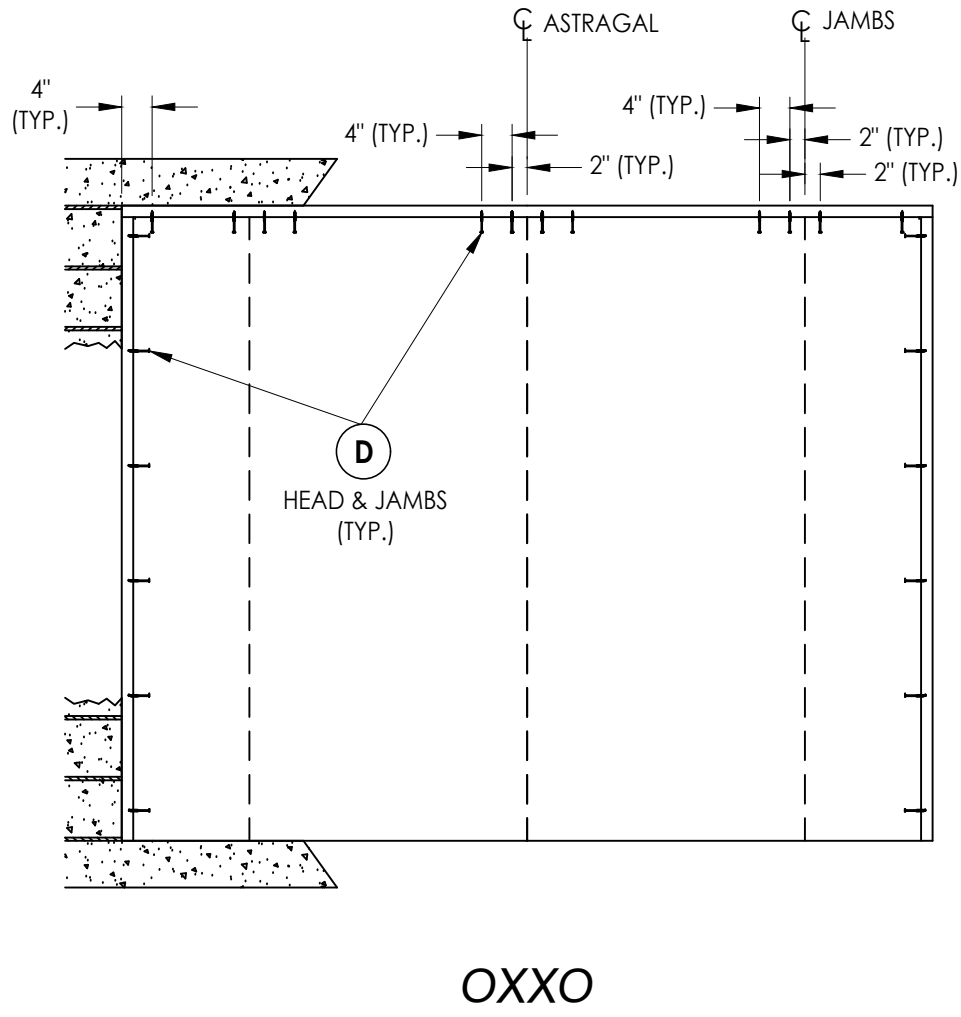
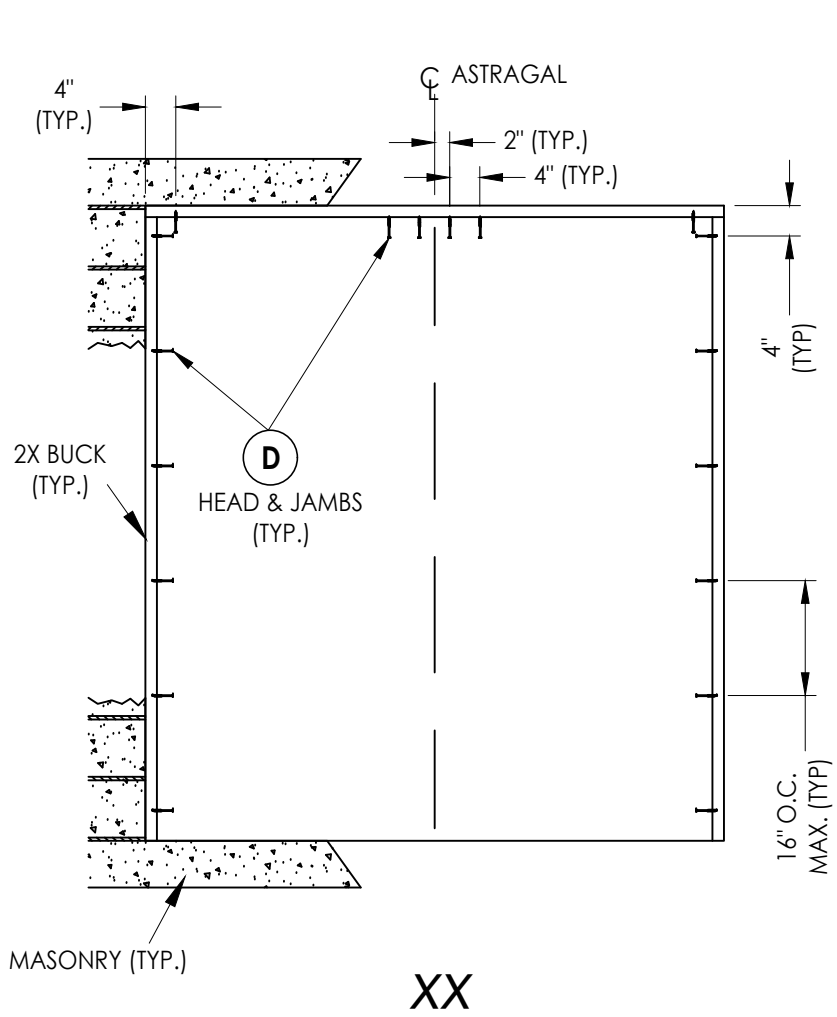
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: ODL, INC. STEEL DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
		LFS	BY
		UPDATE TO 9TH ED. (2026) FBC	
		MANUFACTURER'S NAME CHANGE	
		NO.	DATE
REVISIONS			
DATE: 3/18/26			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-29651.6			
SHEET 9 OF 13			

Z:\2023 FBC Drawings\ODL, Inc\FL-29651 R3\FL-29651.4-6.dwg



2X BUCK ANCHORING

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, INC.
STEEL DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC
3	3/30/26	MANUFACTURER'S NAME CHANGE
		LFS
		BY

DATE: 3/18/26

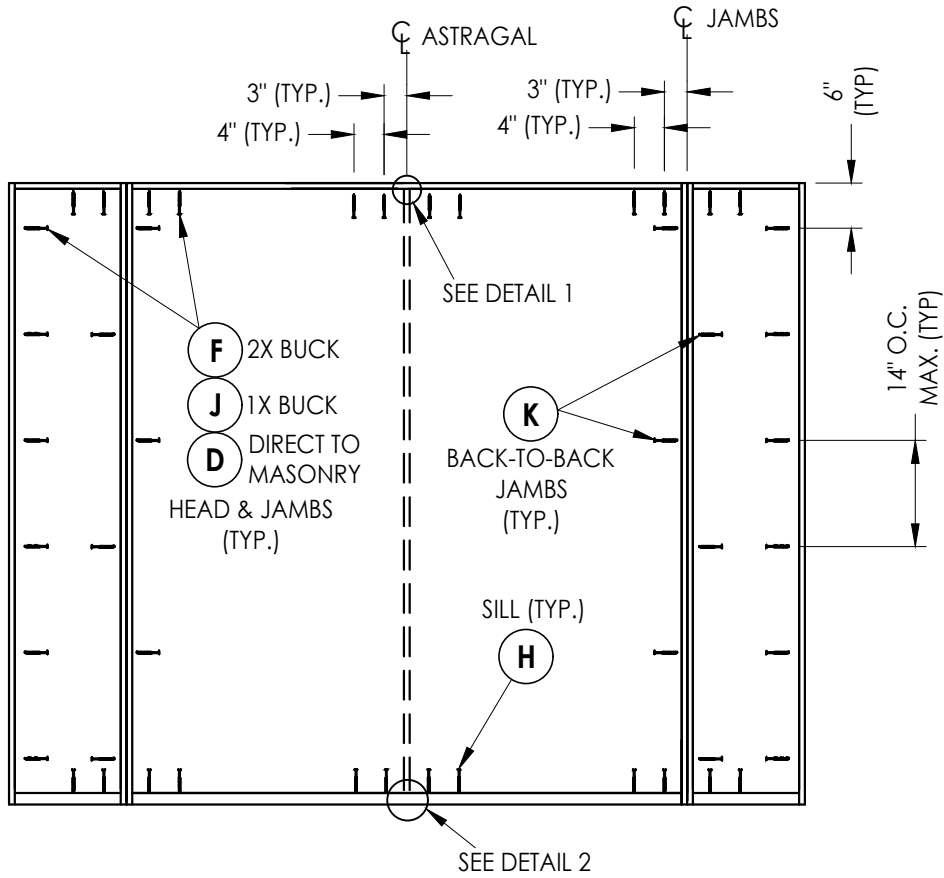
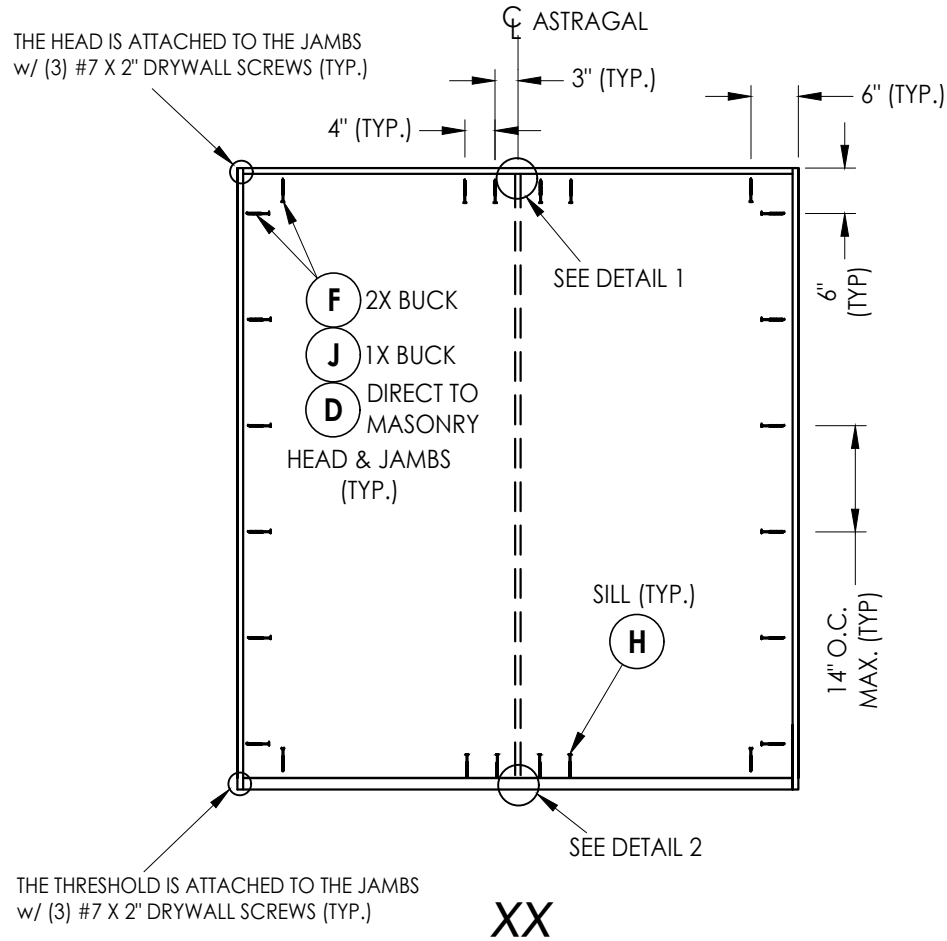
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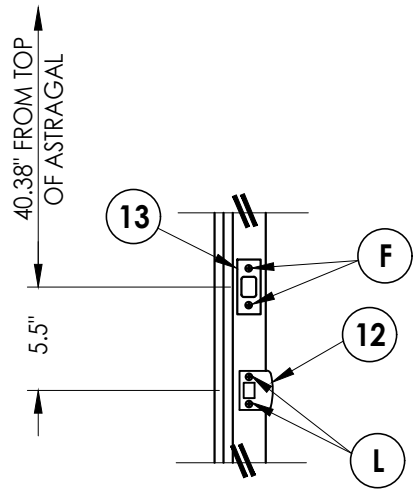
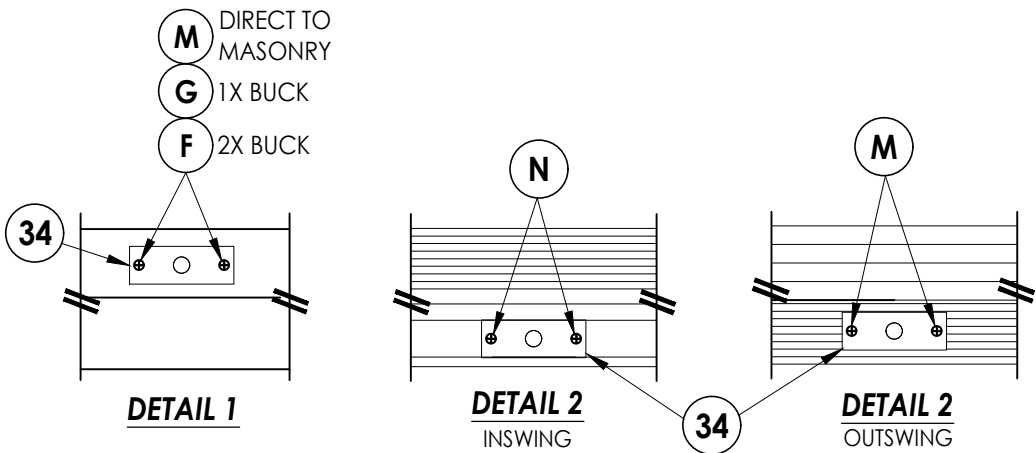
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DRAWING NO.:
FL-29651.6

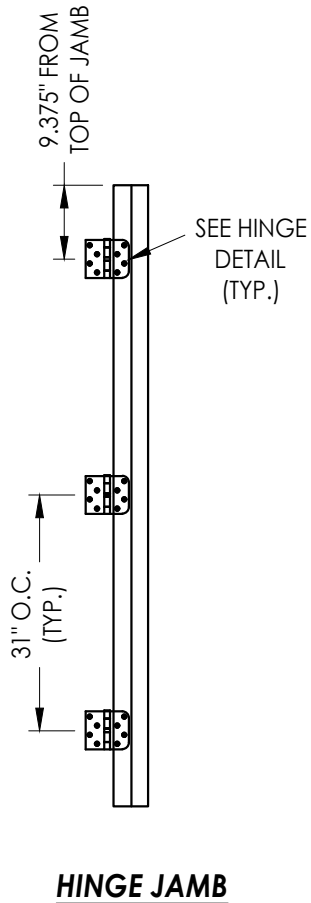
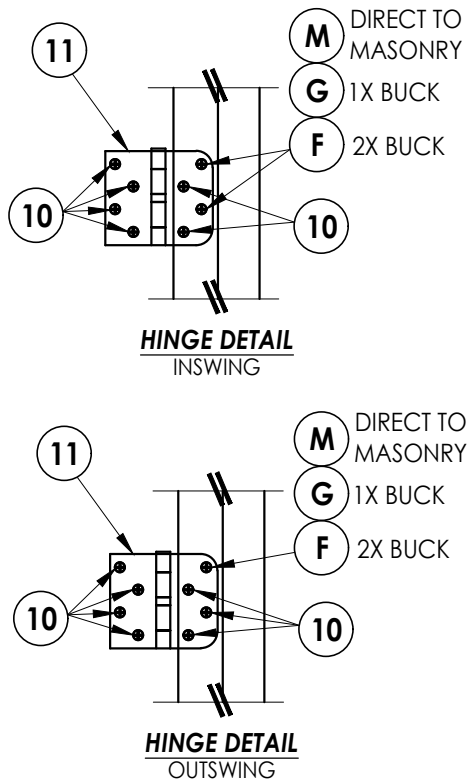
SHEET 10 OF 13



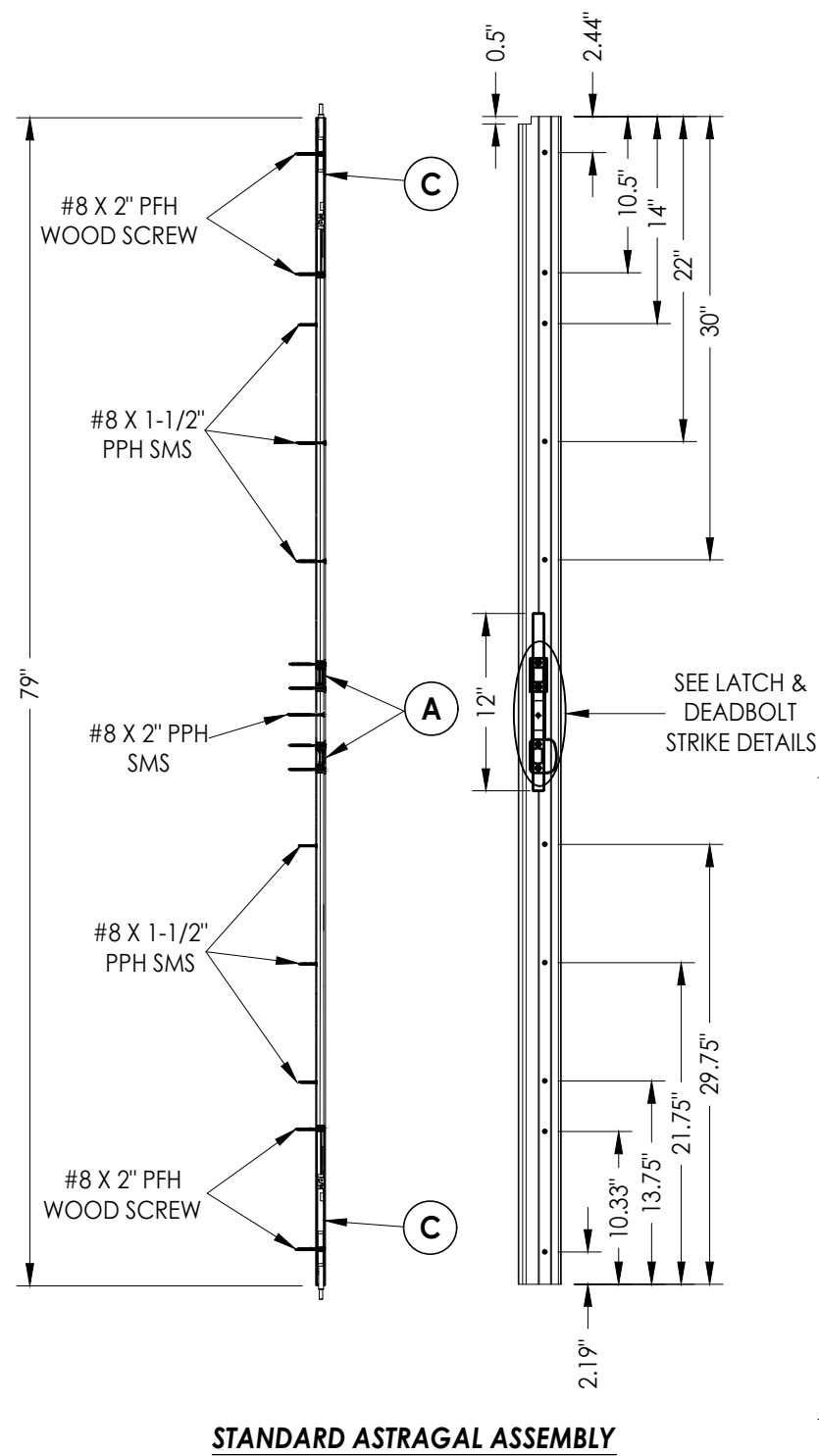
FRAME ANCHORING



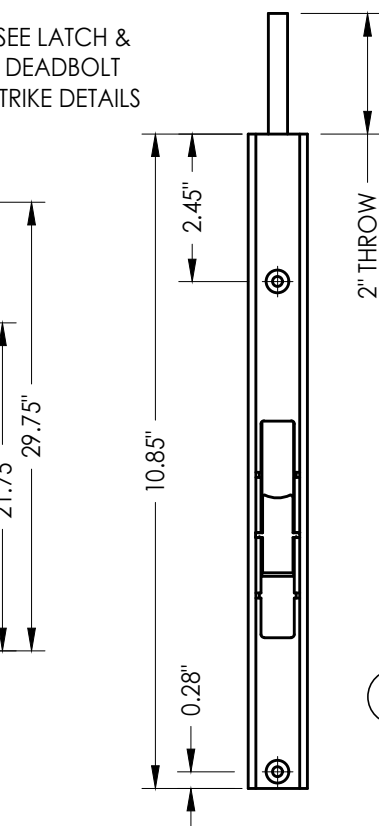
LATCH & DEADBOLT STRIKE DETAILS



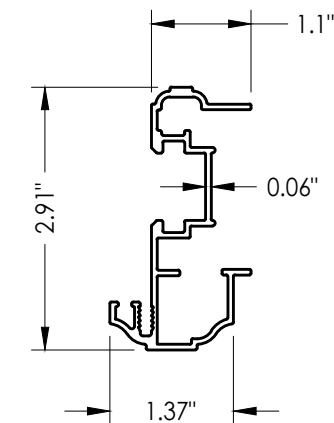
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ODL, INC. STEEL DOOR				PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS			
				LFS			
				LFS			
				BY			
				REVISIONS			
				4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	
				3	3/30/26	MANUFACTURER'S NAME CHANGE	
				NO.	DATE		
DATE: 3/18/26							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-29651.6							
SHEET 11 OF 13							



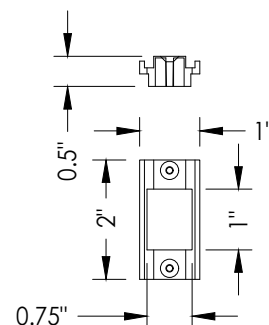
STANDARD ASTRAGAL ASSEMBLY



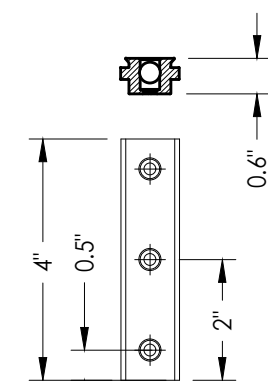
SLIDE LOCK FLUSHBOLT ASSEMBLY
STANDARD ASTRAGAL



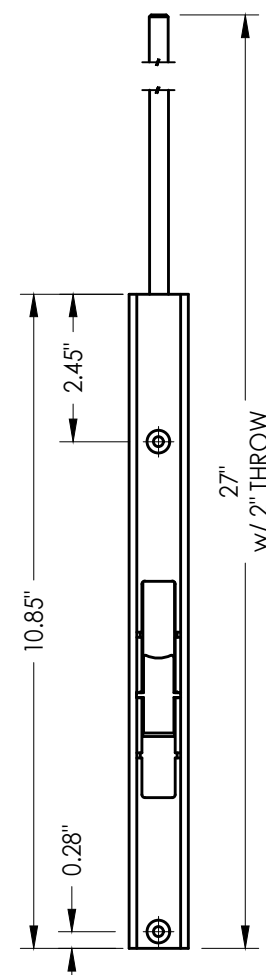
35 ALUMINUM ASTRAGAL



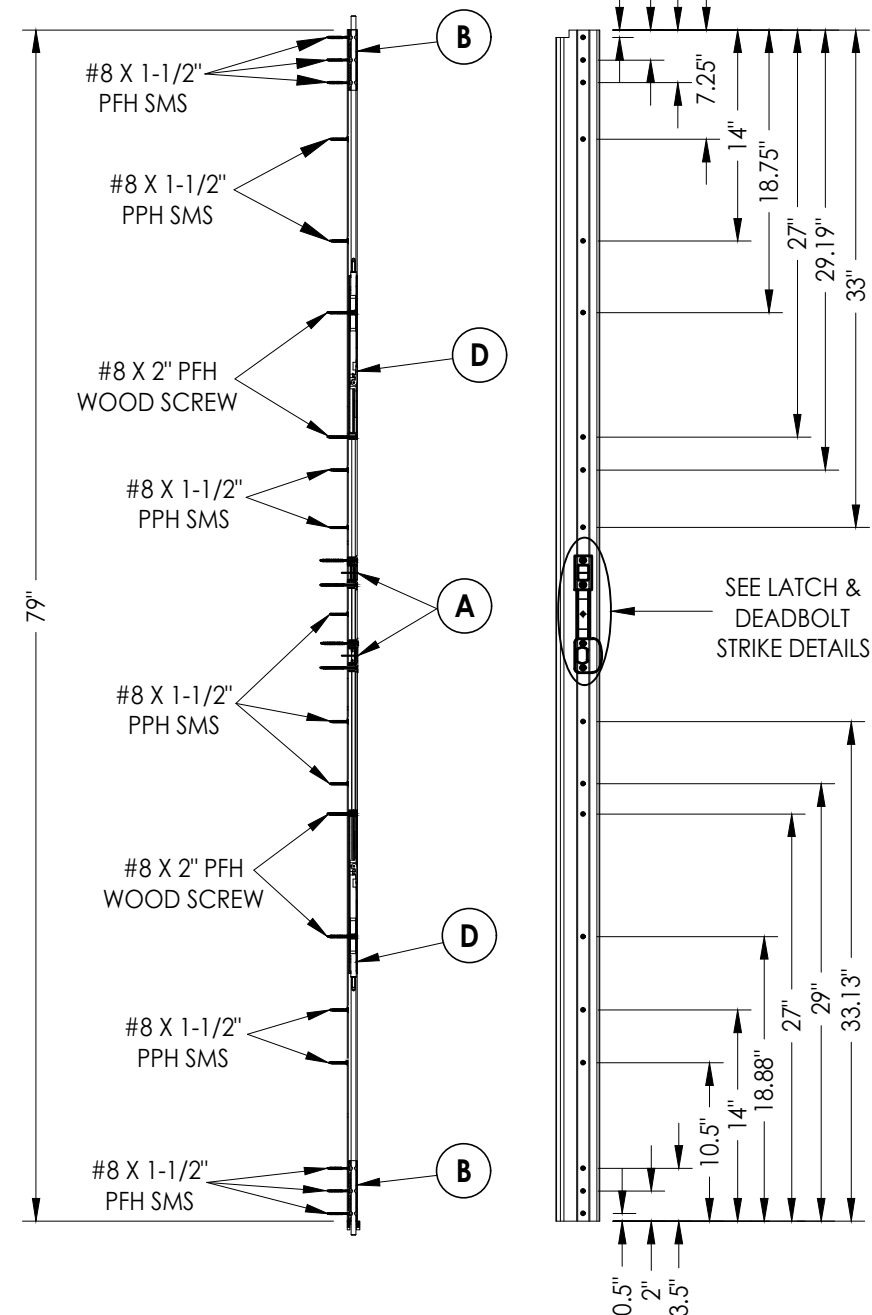
A STOP BRACKET



B FLUSHBOLT GUIDE BLOCK



D SLIDE LOCK FLUSHBOLT ASSEMBLY
HURRICANE ASTRAGAL



HURRICANE ASTRAGAL ASSEMBLY

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