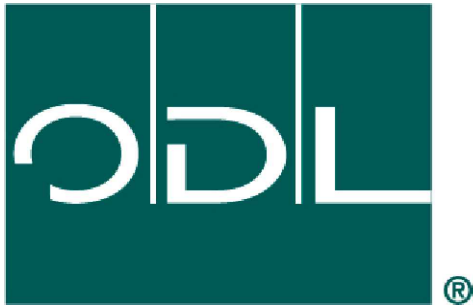




ODL, Inc.

OPAQUE STEEL ENTRY DOOR

SINGLE

INSWING/OUTSWING

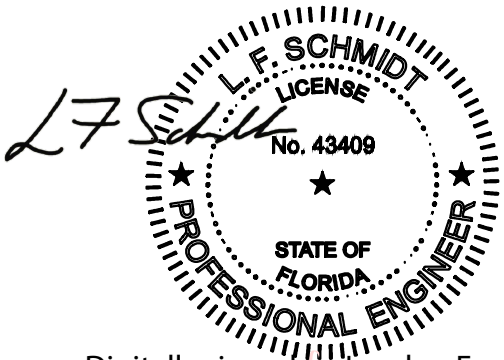
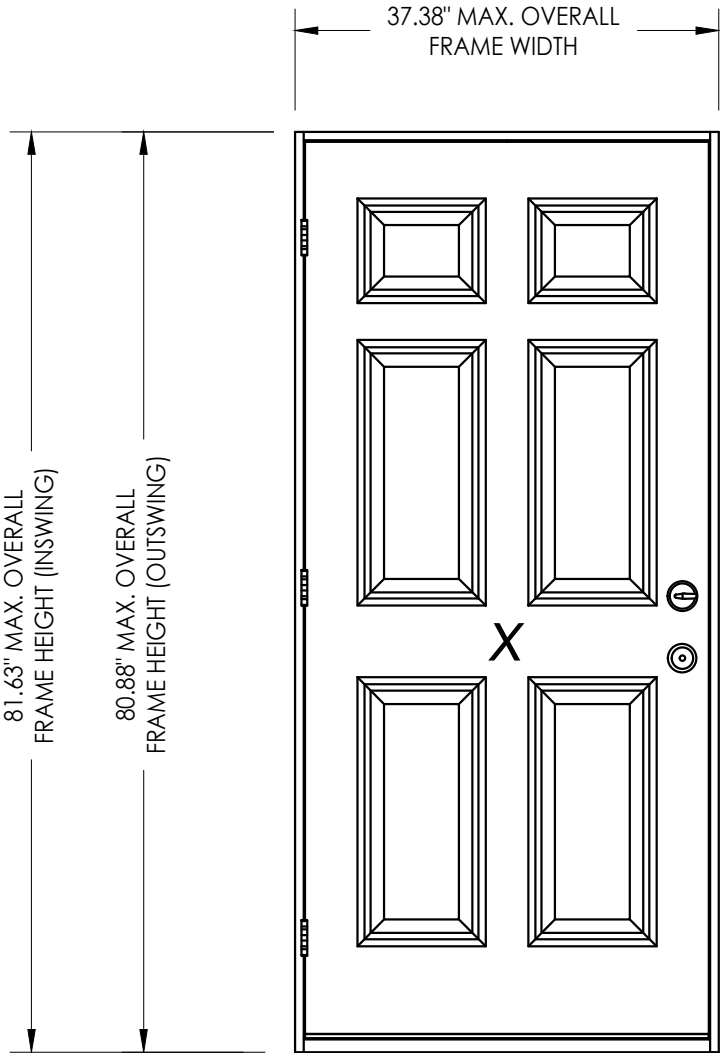
"IMPACT"

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 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 E1996 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.

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

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.38" x 81.75"	+50.0	-55.0	+60.0	-60.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.16 07:51:50 -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

ODL, INC.
STEEL DOOR

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

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-29651.7

SHEET 1 OF 8

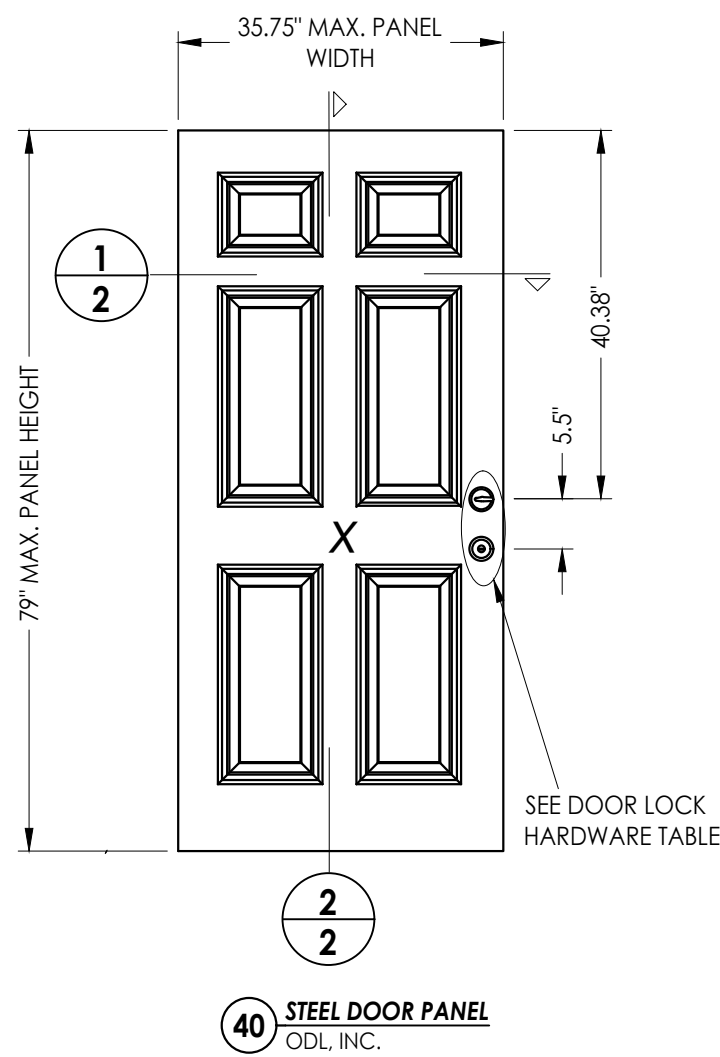
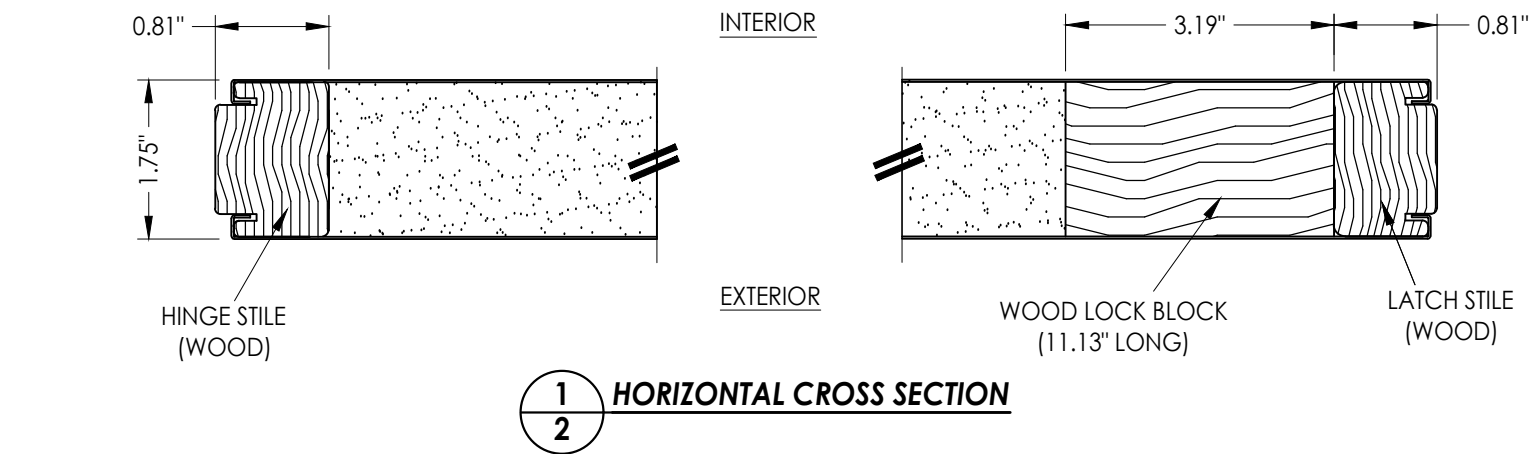
REVISIONS

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

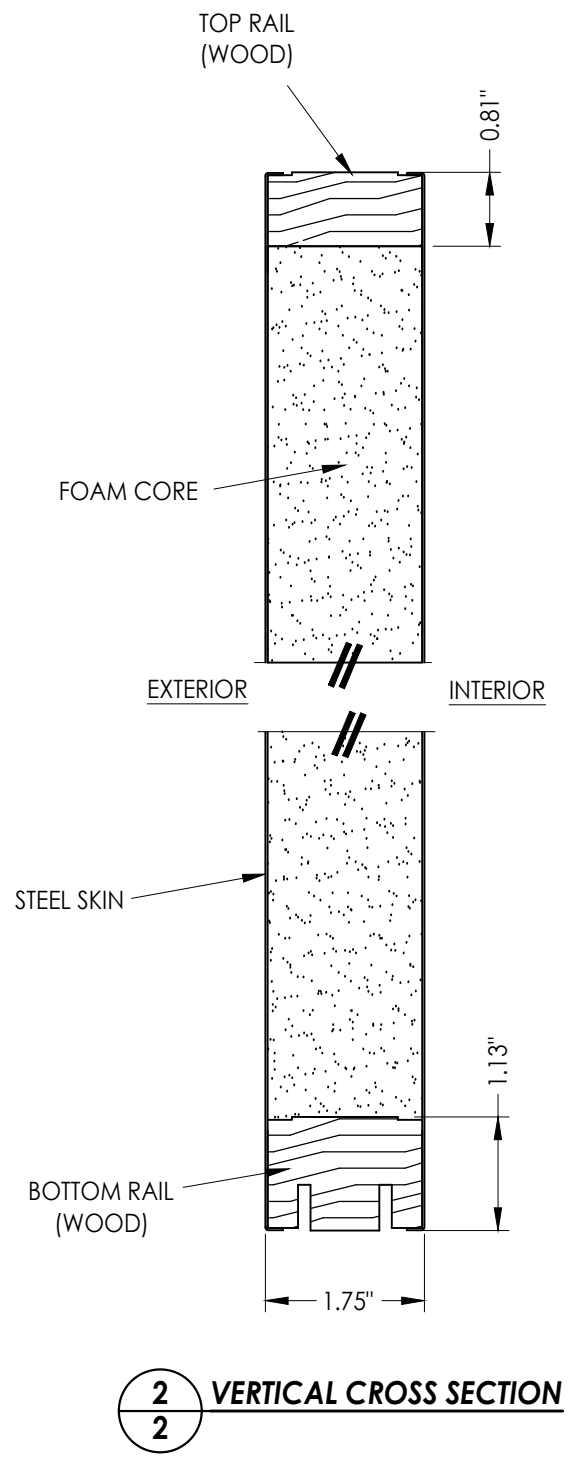
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

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

[illegible]



DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-29651.7

SHEET 3 OF 8

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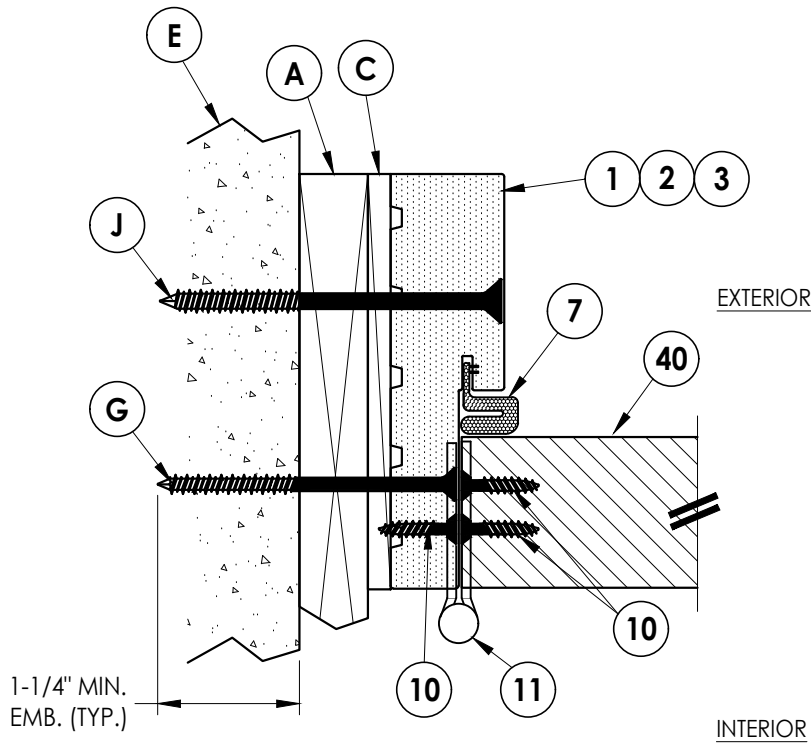
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

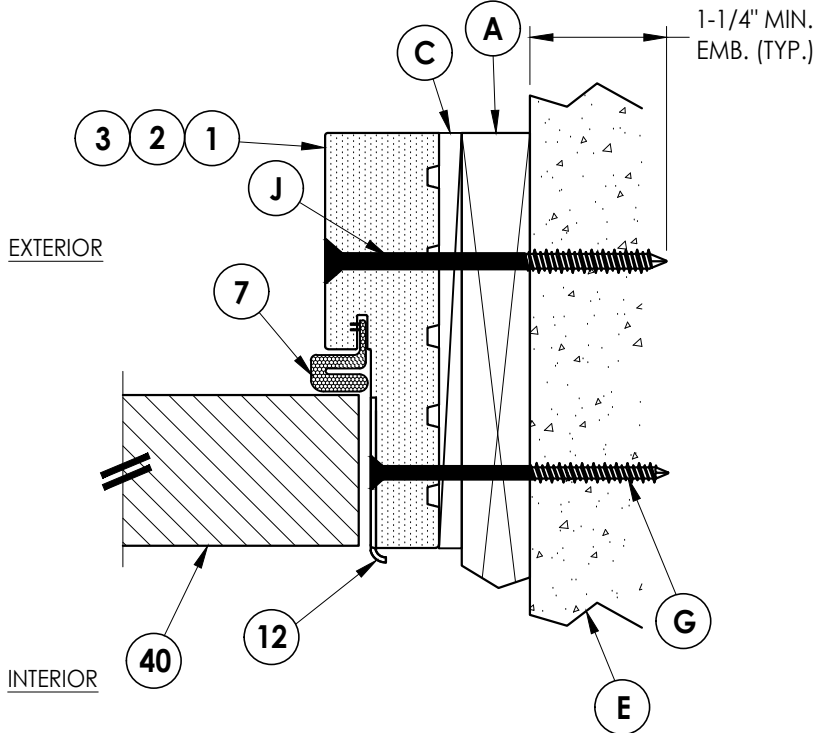
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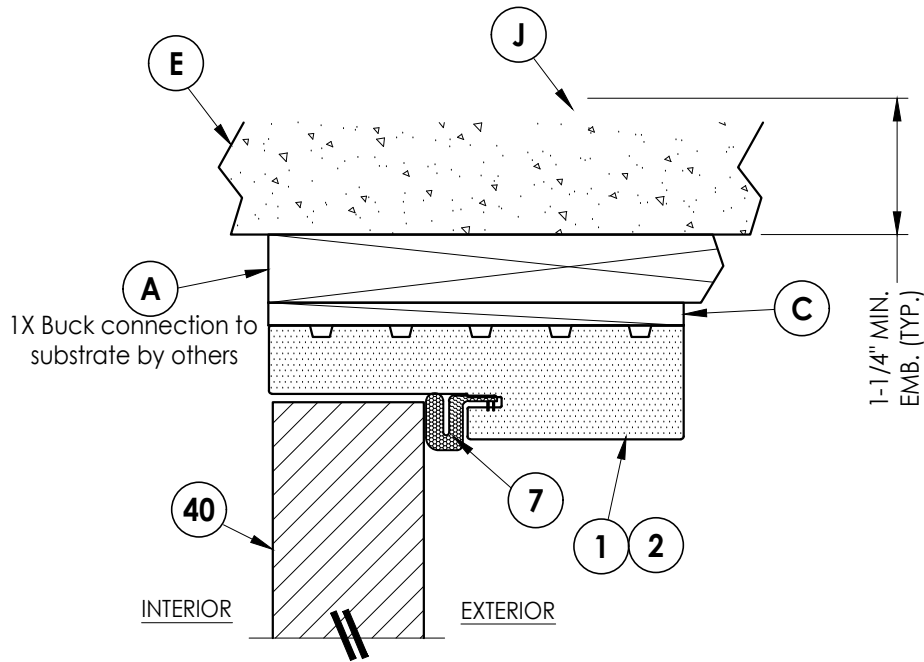
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1 HORIZONTAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
1X Buck Construction



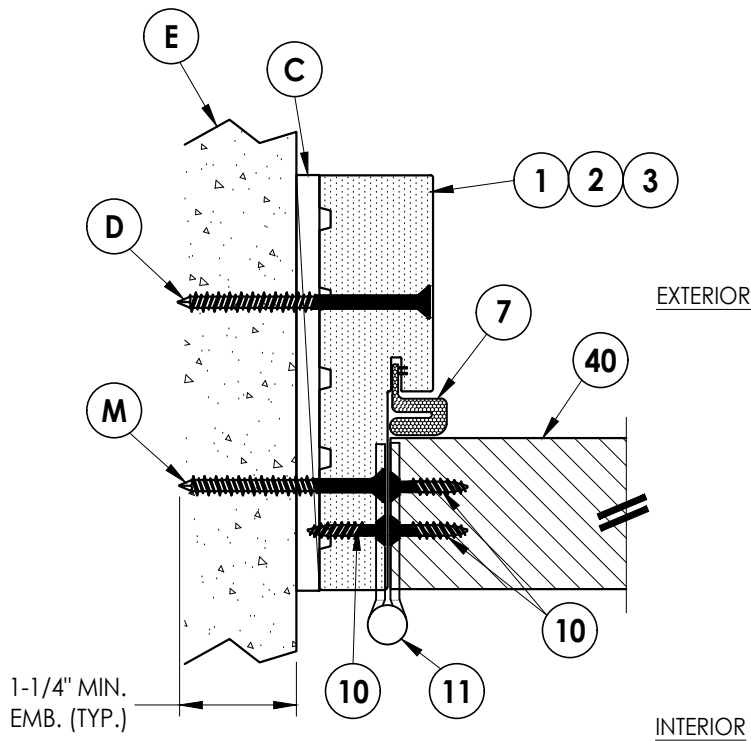
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4 Inswing Shown (Outswing Similar)
1X Buck Construction



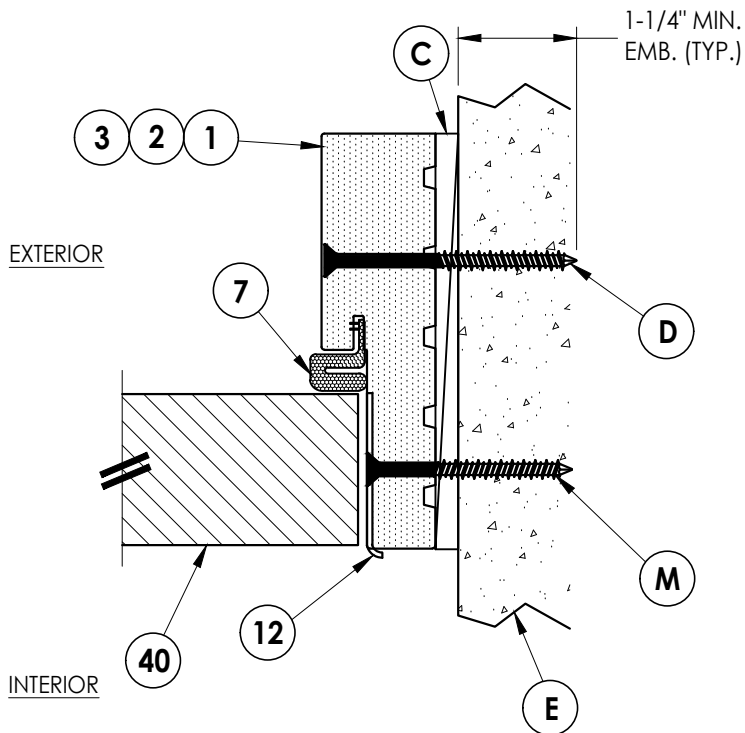
3 VERTICAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
1X Buck Construction

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: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)				
					LFS			
					FBC	UPDATE TO 9TH ED. (2026)		
					LFS	MANUFACTURER'S NAME CHANGE		
					BY			
					NO.	DATE	REVISIONS	
DATE: 3/18/26								
SCALE: N.T.S.								
DWG. BY: LFS								
CHK. BY: RW								
DRAWING NO.: FL-29651.7								
SHEET 4 OF 8								

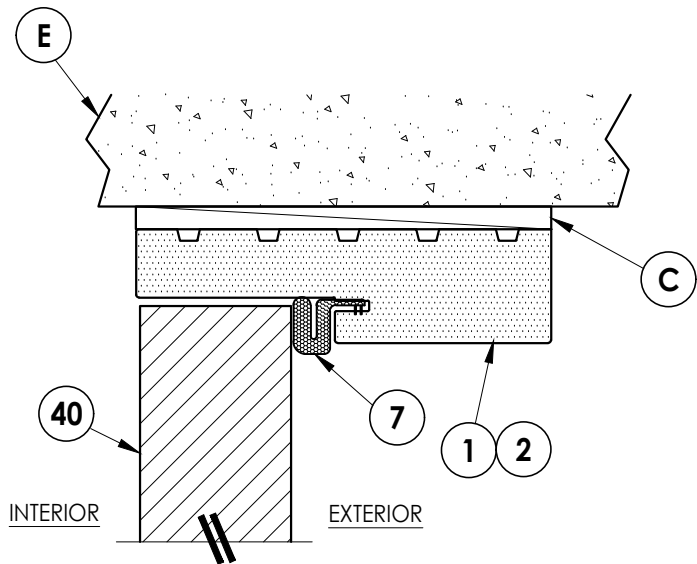
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1 **HORIZONTAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry



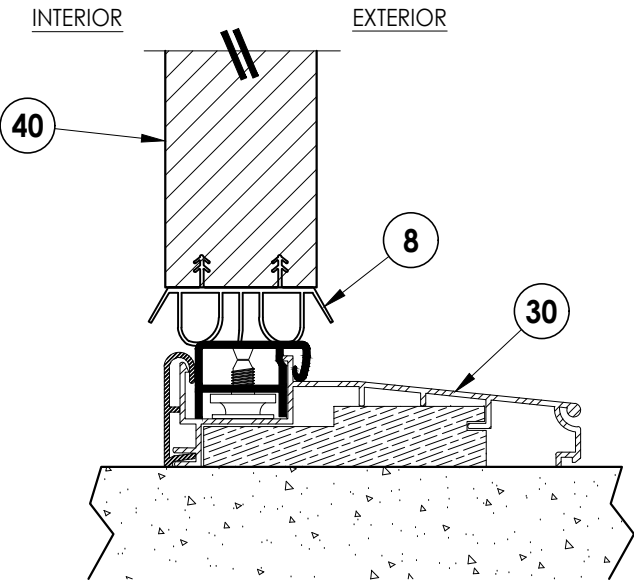
2 **HORIZONTAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry



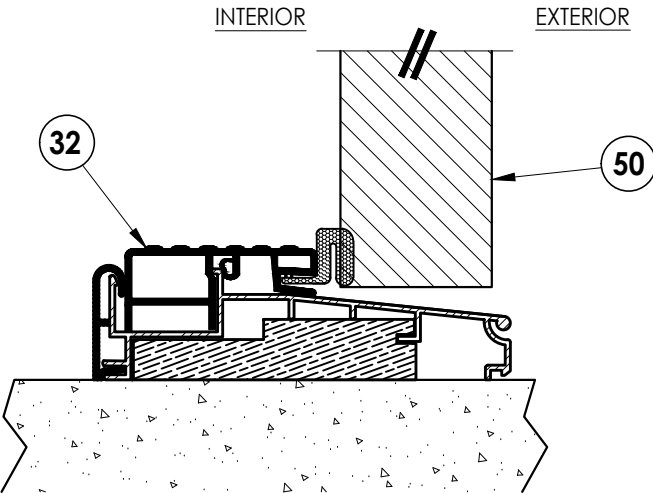
3 **VERTICAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry

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PRODUCT: ODL, INC. STEEL DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)			
				LFS	UPDATE TO 9TH ED. (2026) FBC		
				LFS	MANUFACTURER'S NAME CHANGE		
				NO.	DATE		
				REVISIONS			
DATE: 3/18/26							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-29651.7							
SHEET 5 OF 8							

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1 VERTICAL CROSS SECTION
6 Inswing sill



2 VERTICAL CROSS SECTION
6 Outswing sill

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PRODUCT: ODL, INC. STEEL DOOR				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
				LFS	FBC	REVISIONS	
				LFS	CHANGE		
				BY			
				DATE			
				NO.			
				7/02/26	UPDATE TO 9TH ED. (2026)		
				3/30/26	MANUFACTURER'S NAME CHANGE		
DATE: 3/18/26							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-29651.7							
SHEET 6 OF 8							

