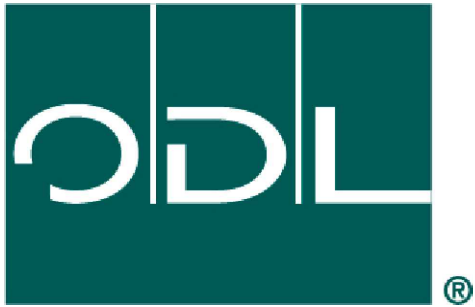




ODL, Inc.

OPAQUE STEEL ENTRY DOOR

SINGLE

INSWING/OUTSWING

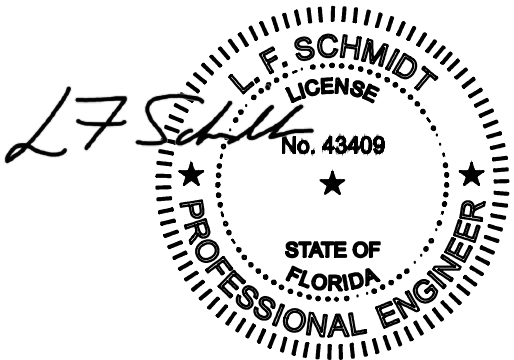
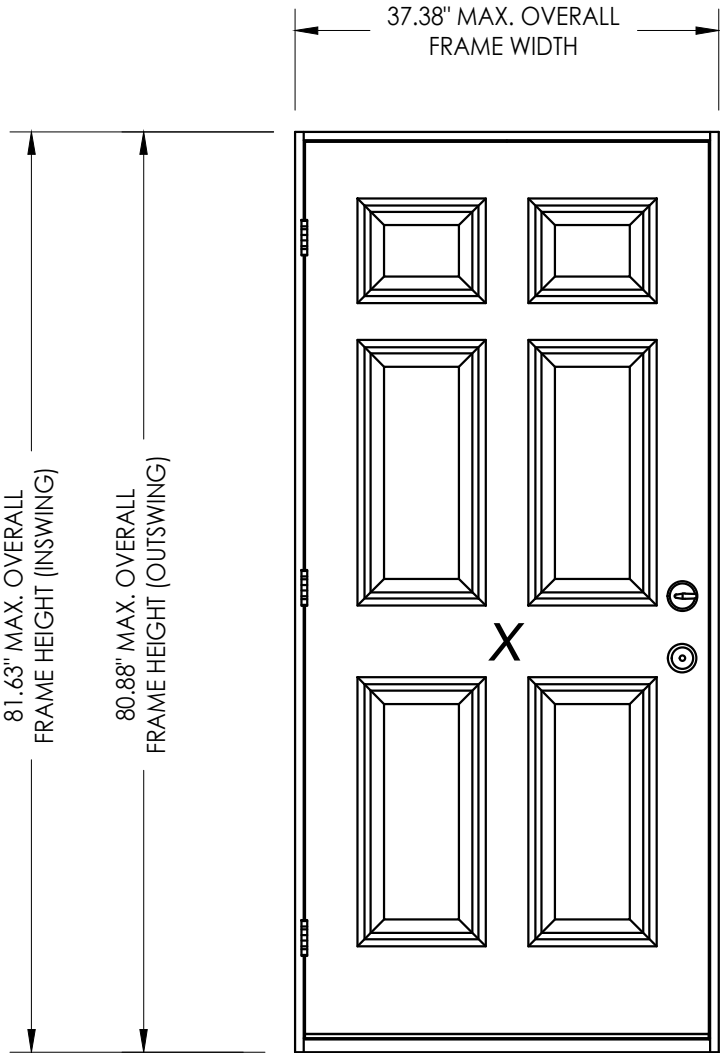
"IMPACT"

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 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: 2026.03.31 07:48:59 -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

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

REVISIONS

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

0.81"

1.75"

HINGE STILE (WOOD)

INTERIOR

EXTERIOR

3.19"

0.81"

WOOD LOCK BLOCK (11.13" LONG)

LATCH STILE (WOOD)

The diagram consists of two cross-sectional views of a door assembly. The left view is labeled 'INTERIOR' and shows a hinge stile (wood) on the left, a central panel with a dotted pattern, and a break symbol on the right. Dimensions include 0.81" for the hinge stile width and 1.75" for the hinge stile height. The right view is labeled 'EXTERIOR' and shows a wood lock block (11.13" long) in the center, flanked by latch stiles (wood) on both sides. Dimensions include 3.19" for the lock block width and 0.81" for the latch stile width. Arrows point from the labels to the corresponding parts in both views.

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

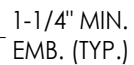
Diagram illustrating the cross-section of a composite panel. The panel consists of a top rail (wood), a foam core, a steel skin, and a bottom rail (wood). The dimensions are as follows:

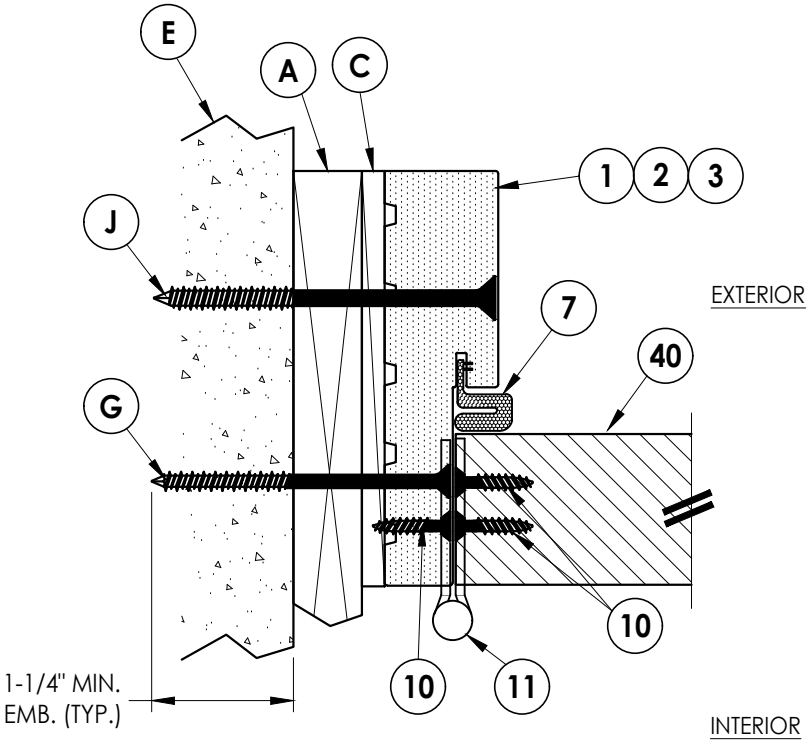
- Top Rail (Wood): 0.81"
- Foam Core: 1.13"
- Steel Skin: 1.75" (width)
- Bottom Rail (Wood): 1.75" (width)

The diagram also indicates the exterior and interior faces of the panel.

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

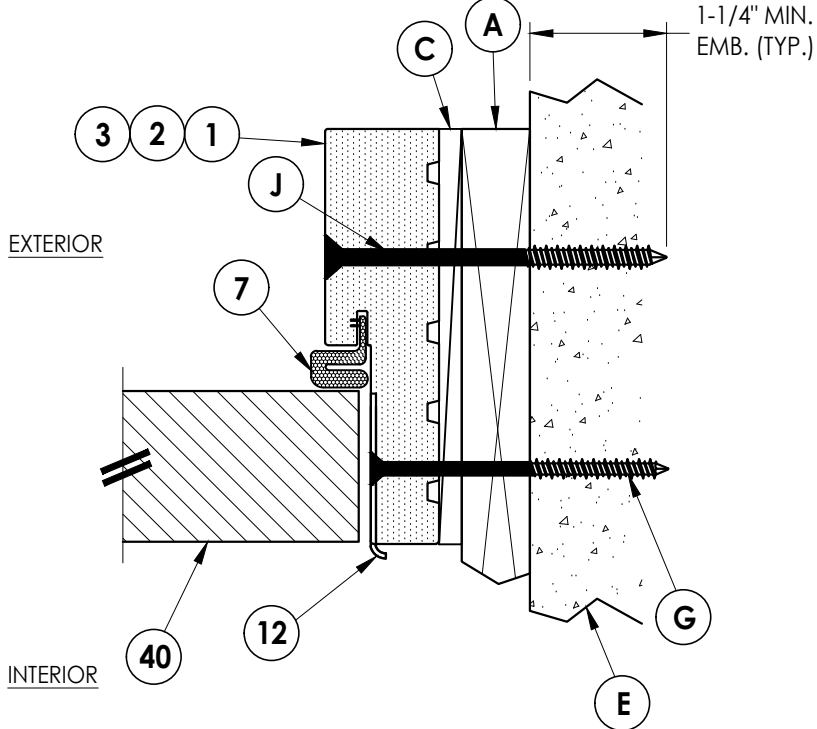
[illegible]

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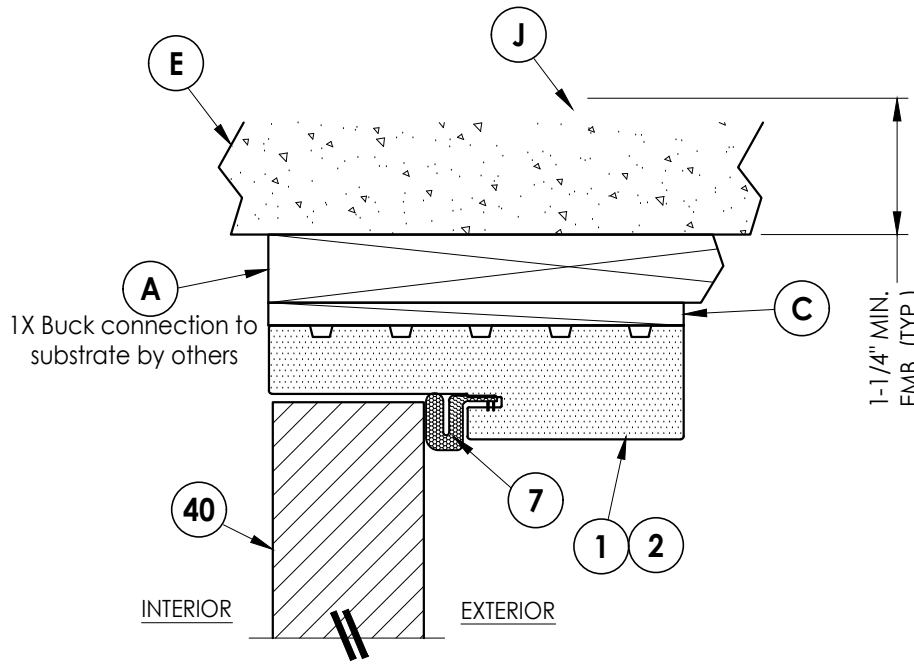
1 **HORIZONTAL CROSS SECTION**

4 Inswing Shown (Outswing Similar) 1X Buck Construction



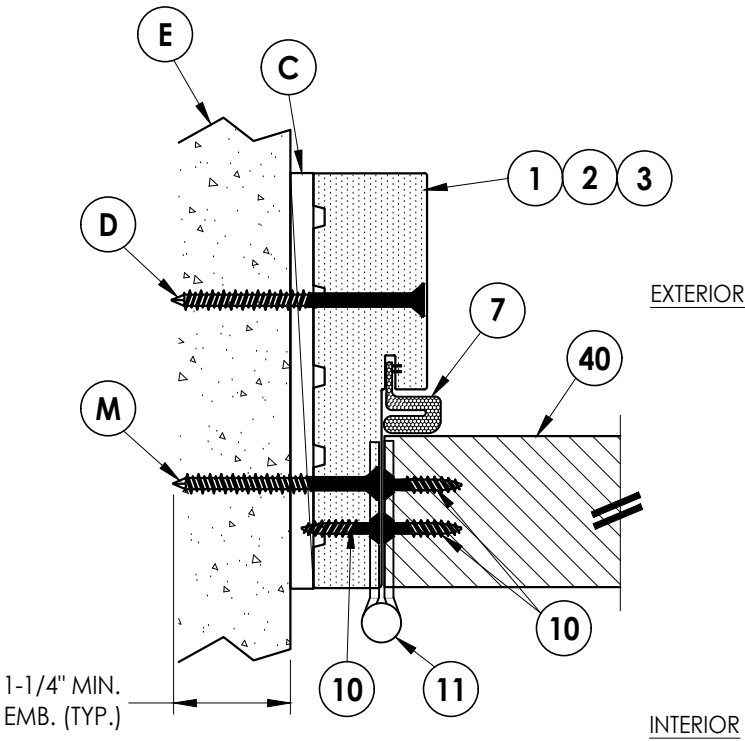
2 HORIZONTAL CROSS SECTION

4 Inswing Shown (Outswing Similar) 1X Buck Construction



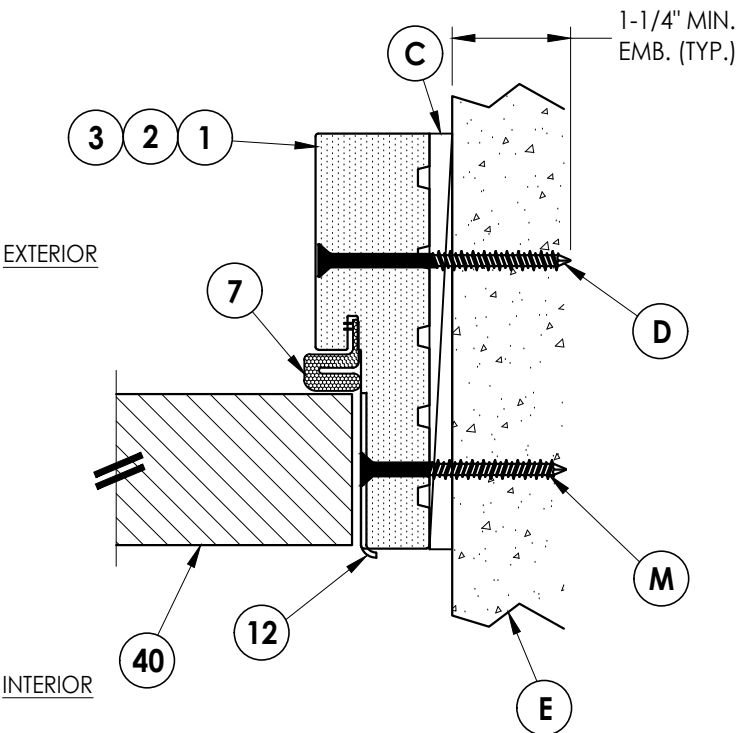
3 VERTICAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
 1X Buck Construction

[illegible]



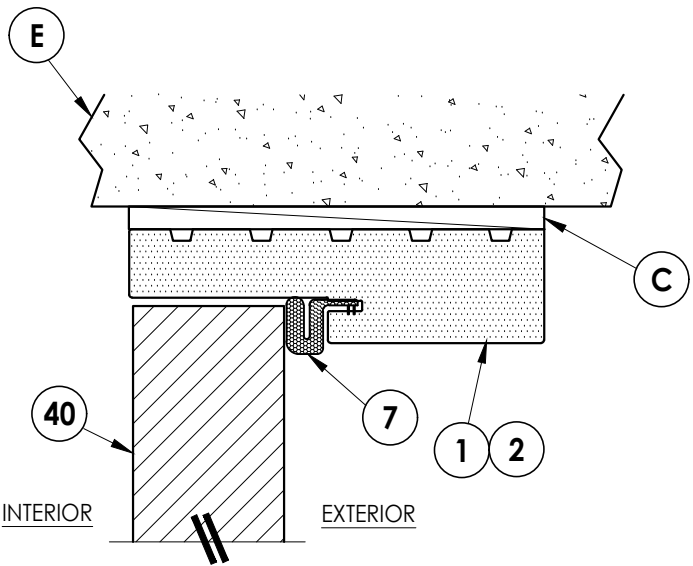
1 **HORIZONTAL CROSS SECTION**

5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry



2 HORIZONTAL CROSS SECTION

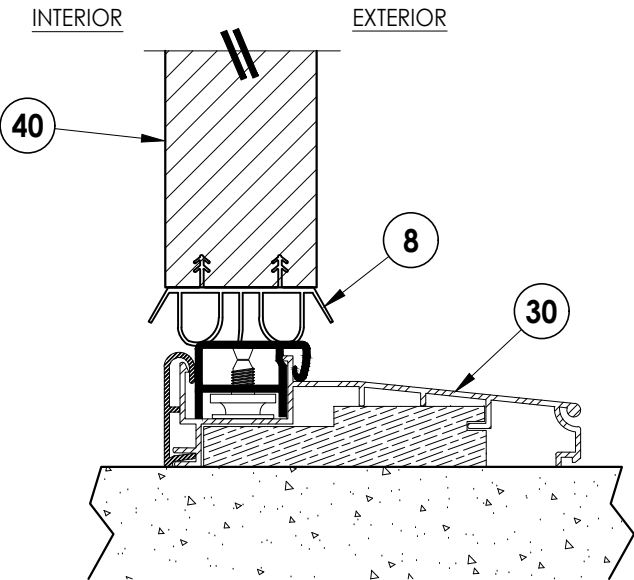
5 Inswing Shown (Outswing Similar) Shown Direct to Masonry



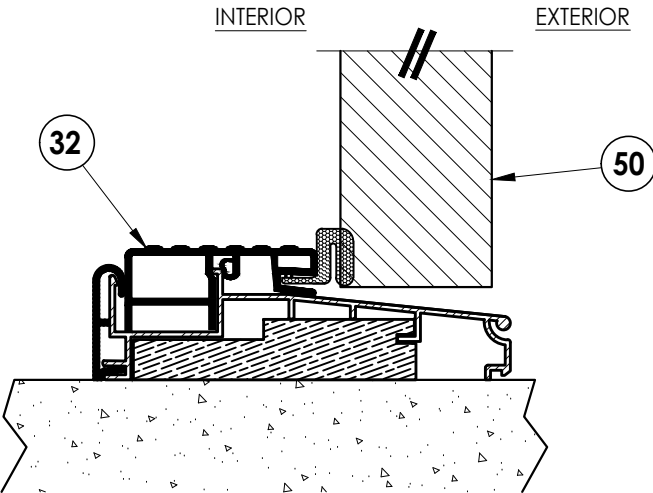
3 VERTICAL CROSS SECTION
5 Inswing Shown (Outswing Similar)
 Shown Direct to Masonry

[illegible]

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1 VERTICAL CROSS SECTION
6 Inswing sill



2 VERTICAL CROSS SECTION
6 Outswing 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, INC. STEEL DOOR				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			

