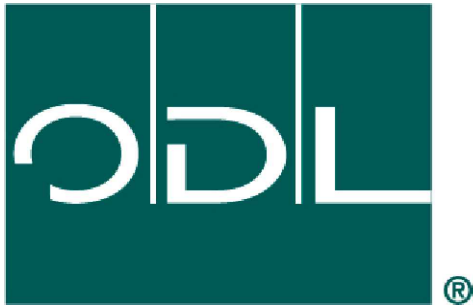




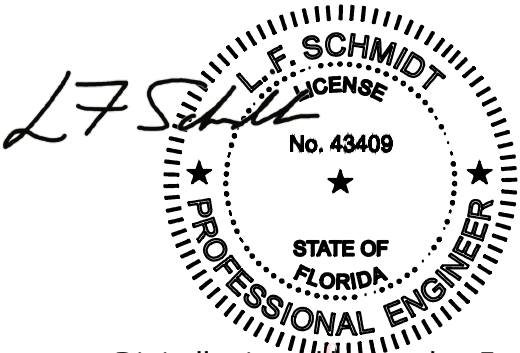
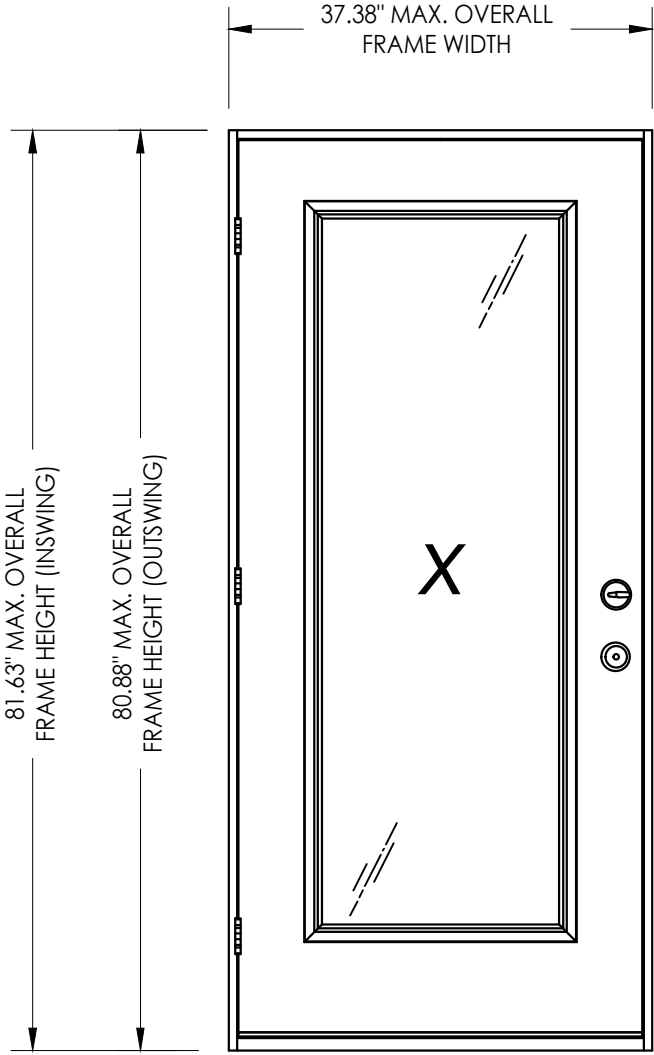
ODL, Inc.
GLAZED STEEL ENTRY DOOR
SINGLE
INSWING/OUTSWING
"NON-IMPACT"

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	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"	+40.0	-45.0	+40.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.16 07:49:22 -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-29651.4

SHEET 1 OF 8

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

REVISIONS

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

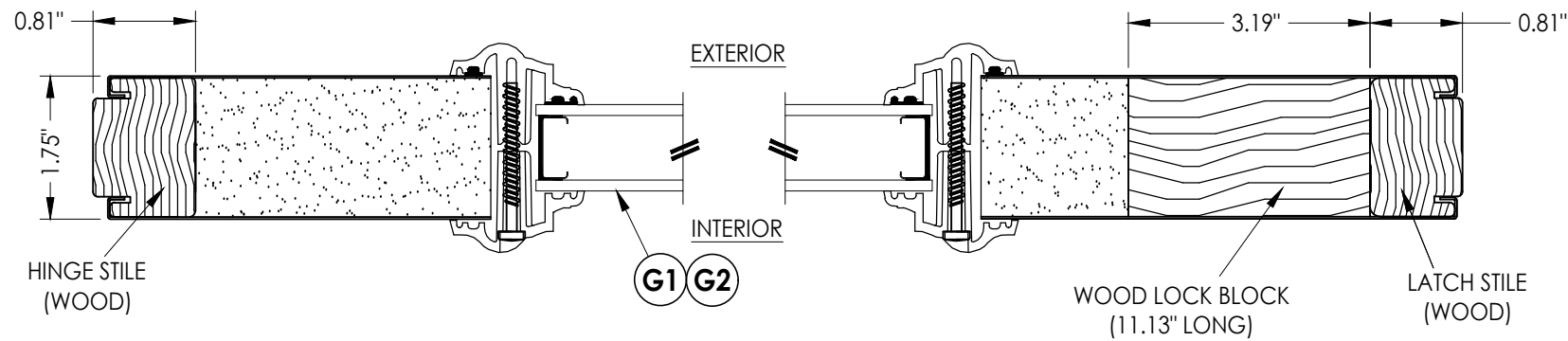
DRAWING NO.: FL-29651.4

SHEET 1 OF 8

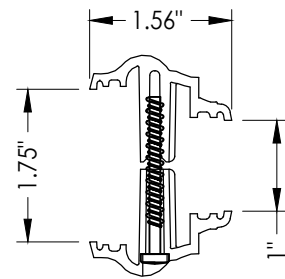
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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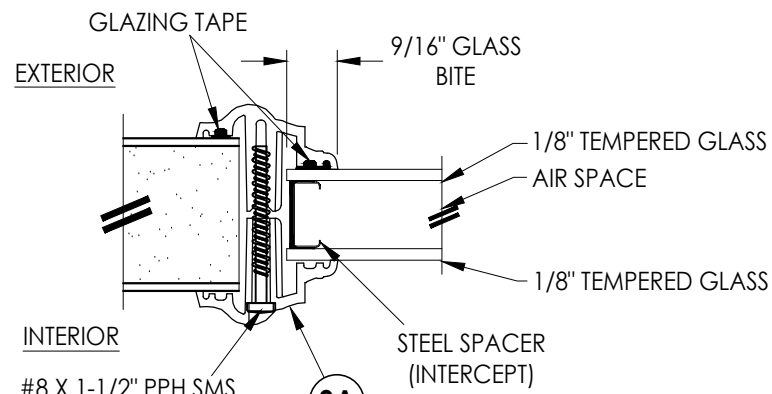
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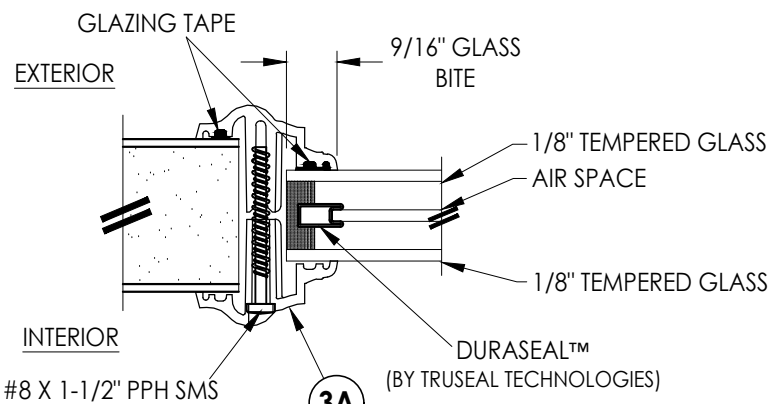
1
2 **HORIZONTAL CROSS SECTION**



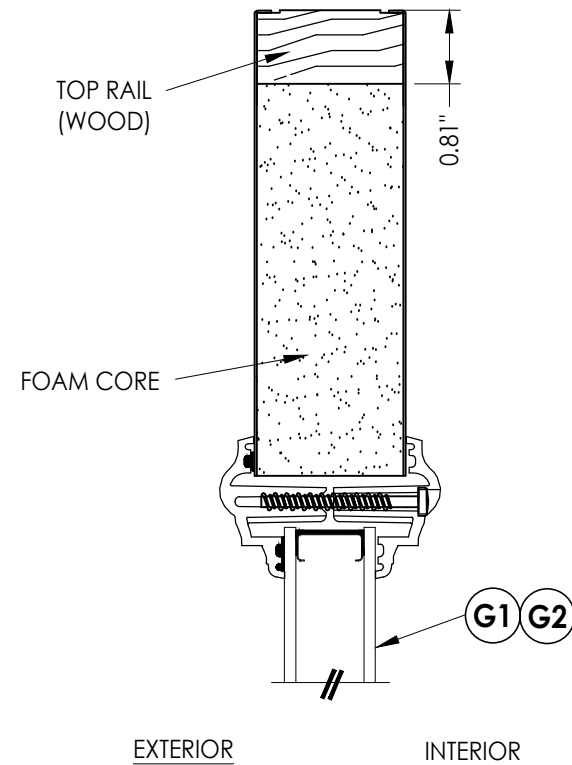
3A **ODL LITE FRAME**
EVOLVE FRAME
HP POLYPROPYLENE



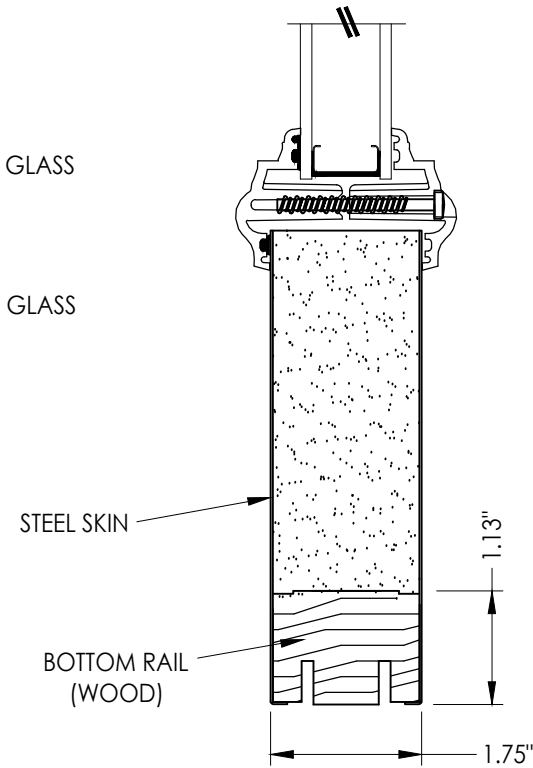
G1 **GLAZING DETAIL**
ODL LITE FRAME



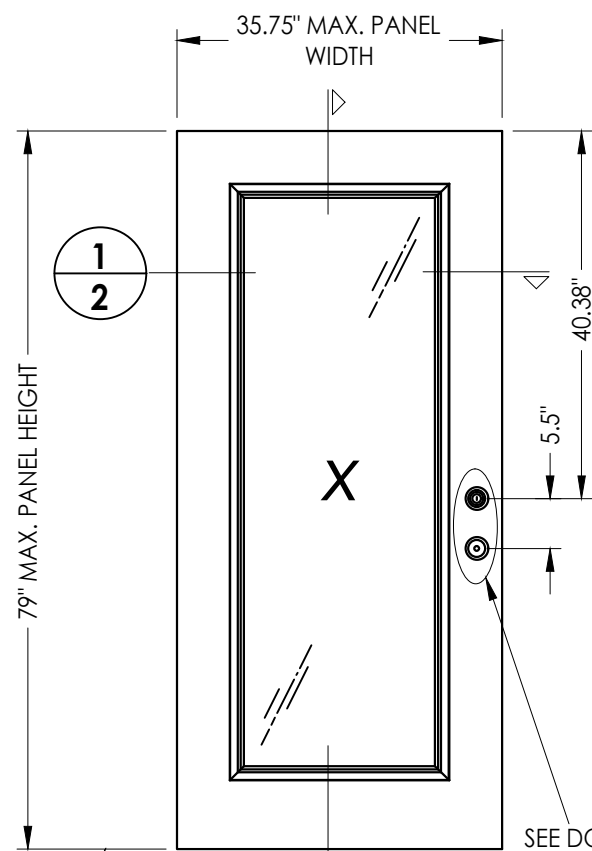
G2 **GLAZING DETAIL**
ODL LITE FRAME



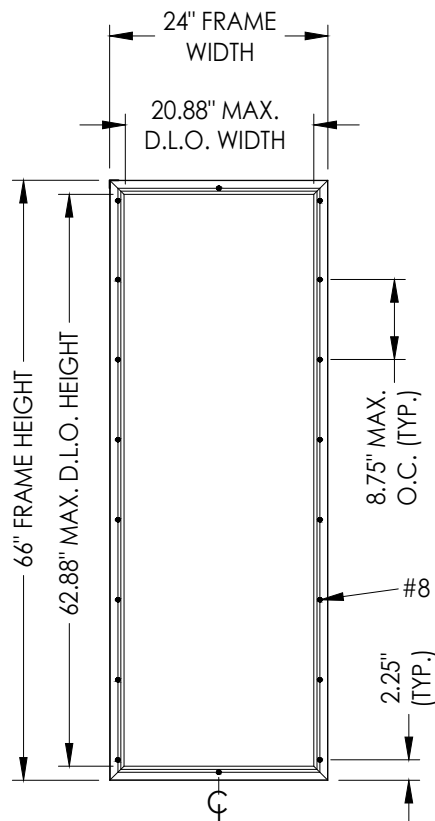
EXTERIOR INTERIOR



2
2 **VERTICAL CROSS SECTION**



SEE DOOR LOCK
HARDWARE TABLE



ODL LITE FRAME

40 **STEEL DOOR PANEL**
ODL, INC.

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

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

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

RW

PRODUCT: ODL, INC.
STEEL DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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.

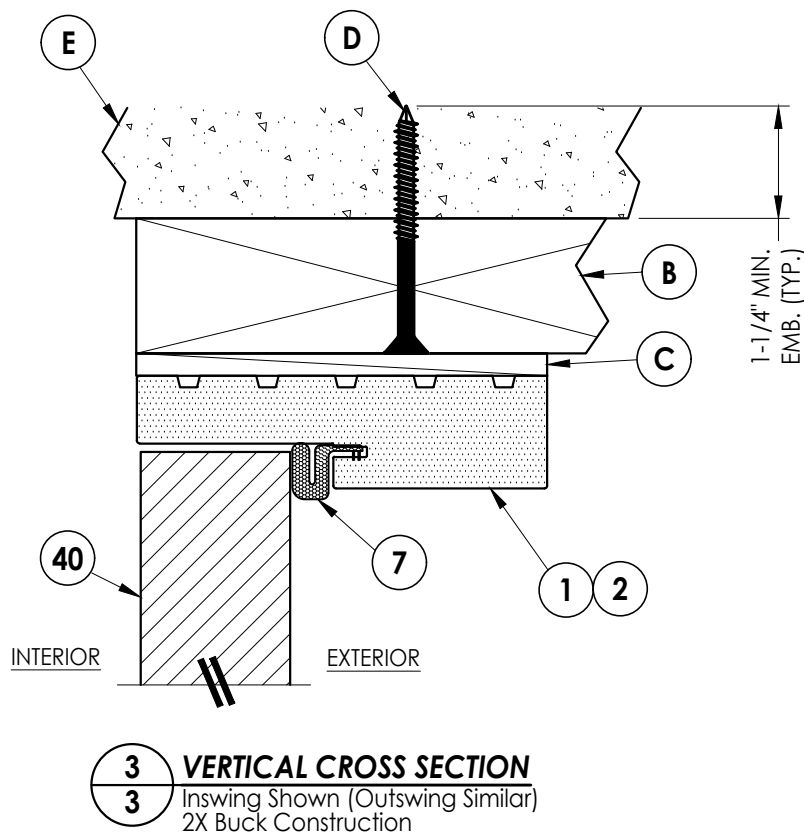
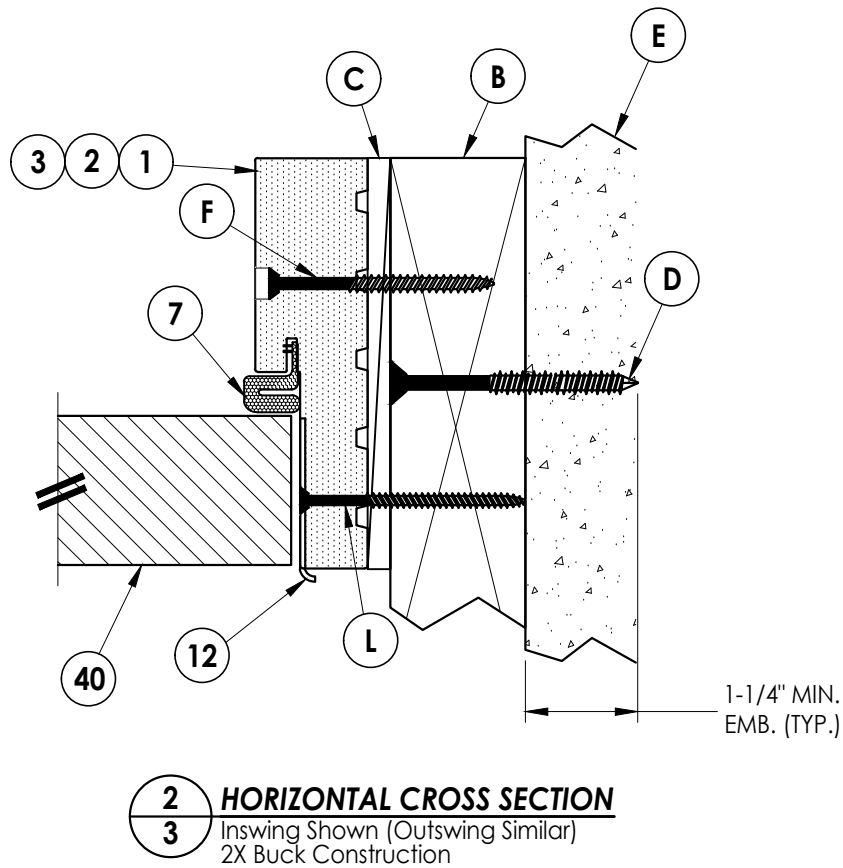
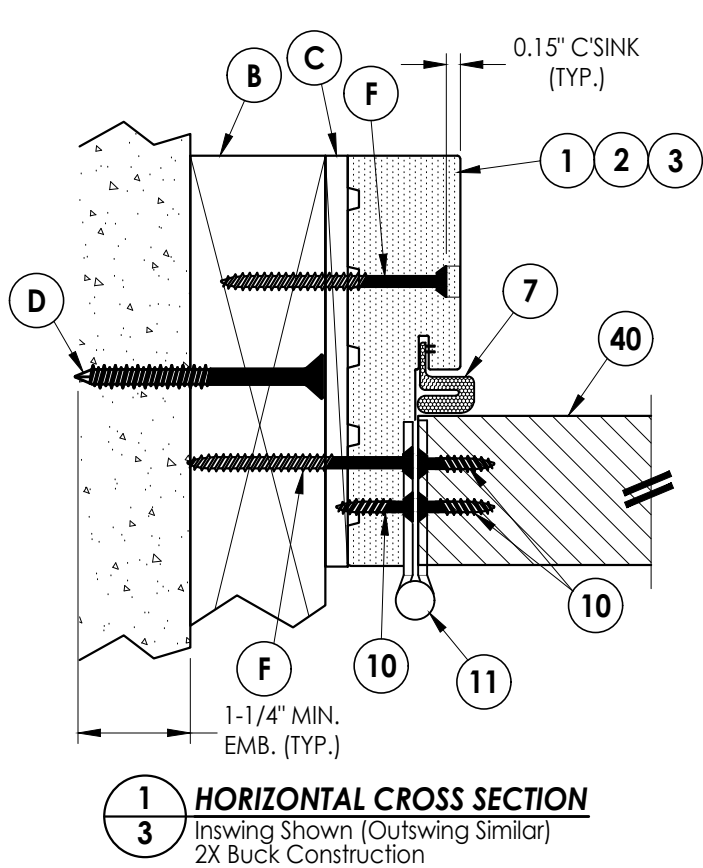
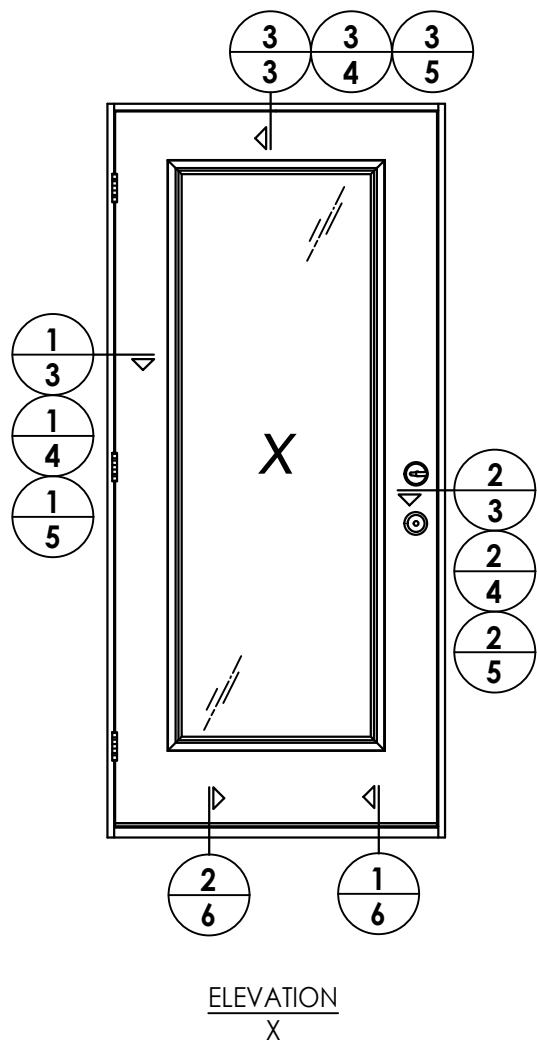
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-29651.4

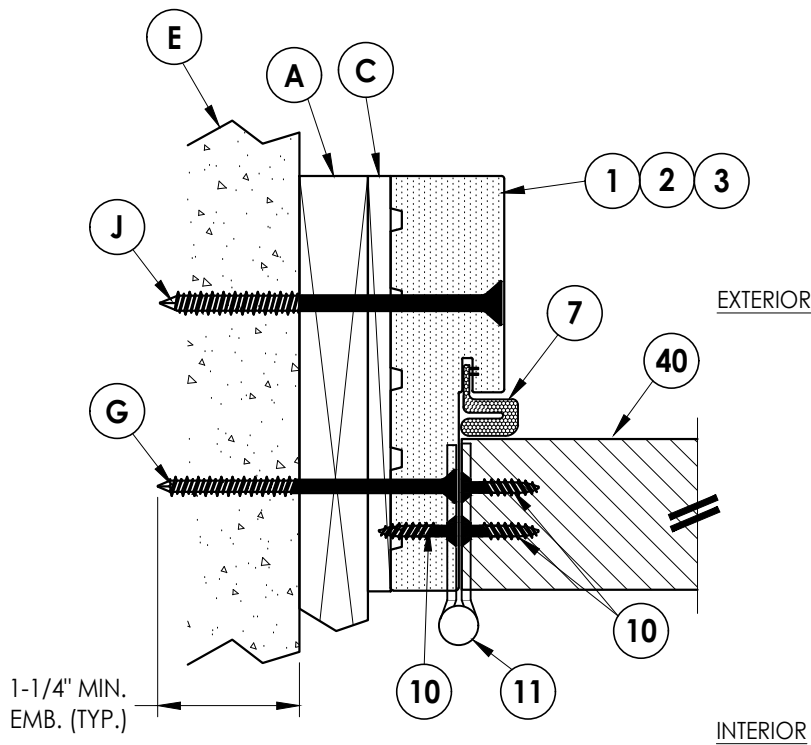
SHEET 2 OF 8

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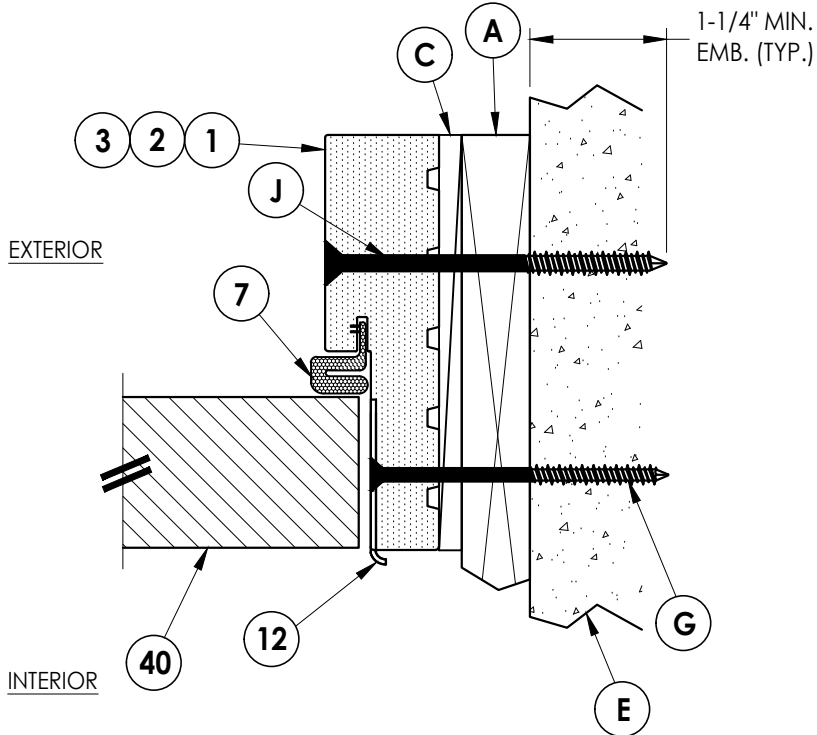


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ODL, INC. STEEL DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)			
				LFS	BY	REVISIONS	
				LFS			
				BY			
				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-29651.4							
SHEET 3 OF 8							

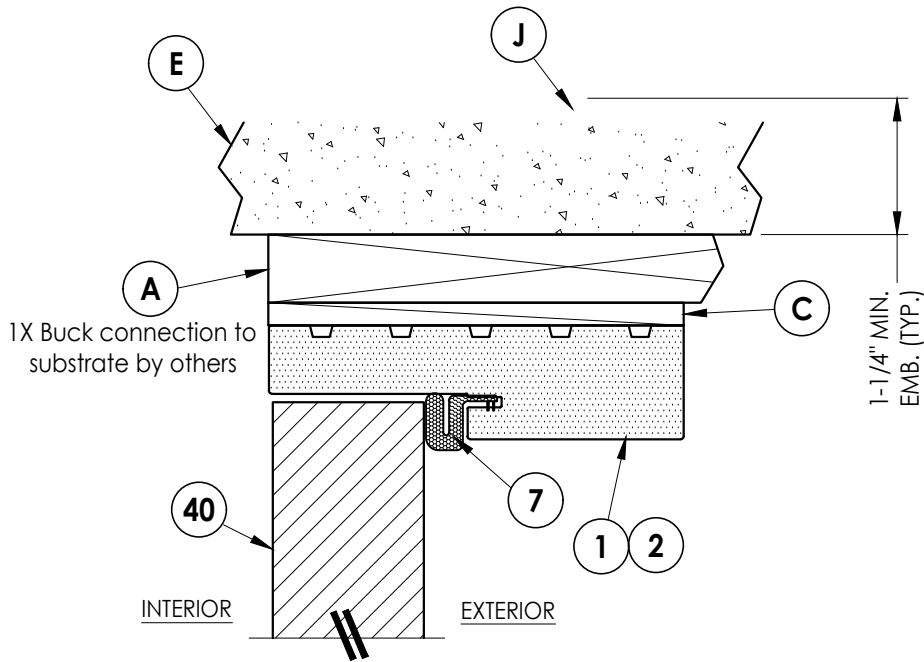
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1 HORIZONTAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
1X Buck Construction



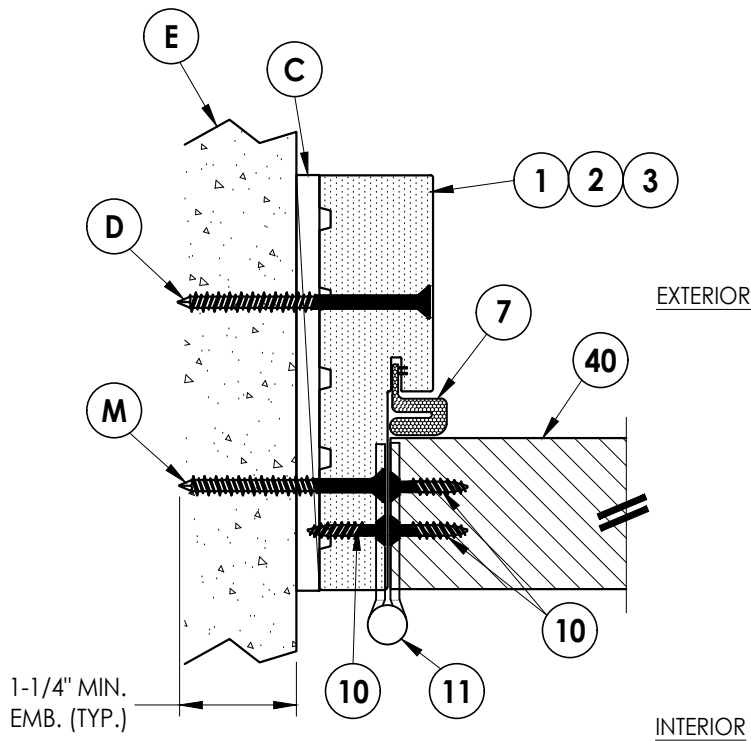
2 HORIZONTAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
1X Buck Construction



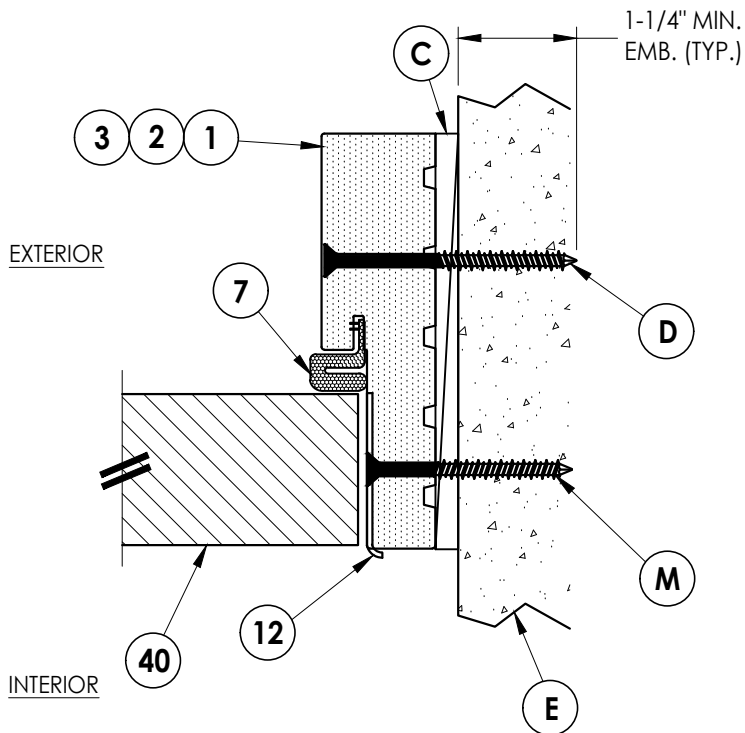
3 VERTICAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
1X Buck Construction

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			
				LFS			
				BY			
				REVISIONS			
				4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	
				3	3/30/26	MANUFACTURER'S NAME CHANGE	
				NO.	DATE		
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CHK. BY: RW							
DRAWING NO.: FL-29651.4							
SHEET 4 OF 8							

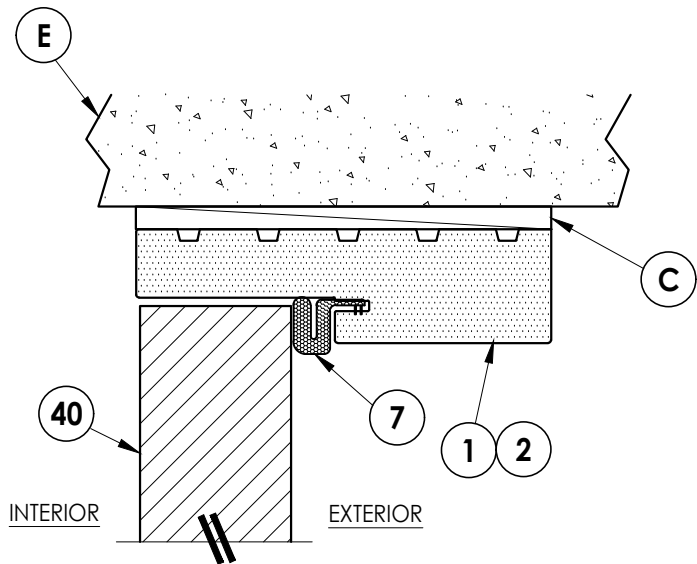
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1 **HORIZONTAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry

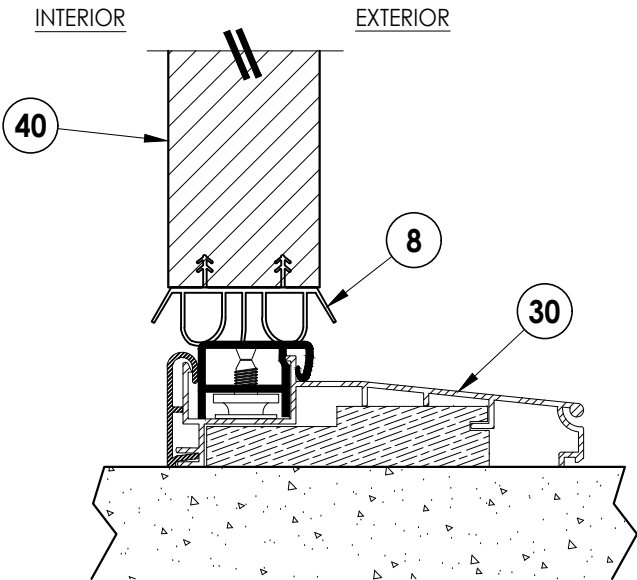


2 **HORIZONTAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry

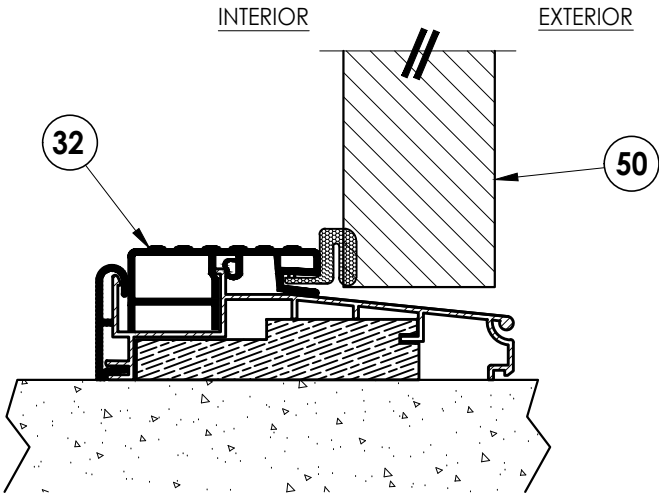


3 **VERTICAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry

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PRODUCT: ODL, INC. STEEL DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)			
				LFS			
				LFS			
				BY			
				NO.	DATE		
				4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	
				3	3/30/26	MANUFACTURER'S NAME CHANGE	
DATE: 3/18/26				REVISIONS			
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-29651.4							
SHEET 5 OF 8							

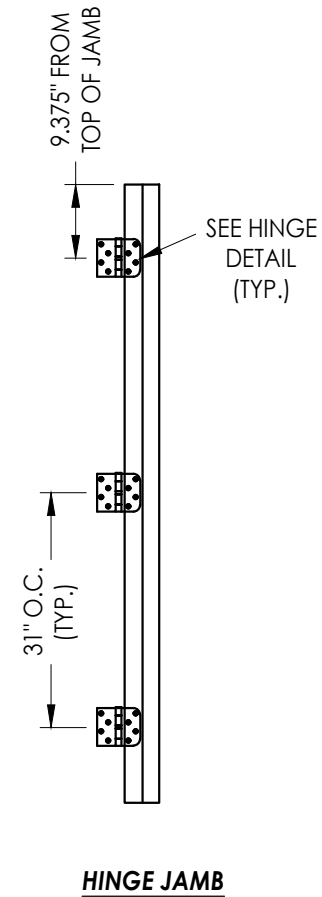


1
6 VERTICAL CROSS SECTION
Inswing sill



2
6 VERTICAL CROSS SECTION
Outswing sill

DATE: 3/18/26				DRAWING NO.: FL-29651.4		SHEET 6 OF 8		PRODUCT: ODL, INC. STEEL DOOR	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		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
				4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS		
				3	3/30/26	MANUFACTURER'S NAME CHANGE		LFS			
				NO.	DATE			BY			



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"
DeWALT ULTRACON®	1/4"	1-1/4"	2"	4"
	1/4"	1-1/4"	1"	4"

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

ODL, INC.
STEEL DOOR

PART OR ASSEMBLY:
**BUCK & FRAME ANCHORING
& HARDWARE DETAILS**

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

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: *RW*

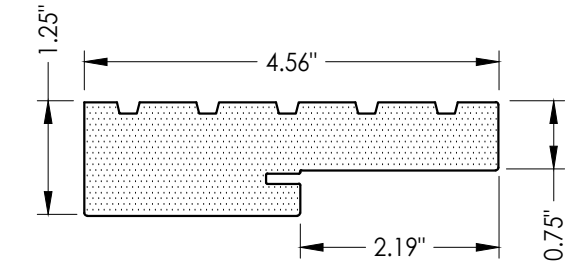
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FL-29651.4

SHEET 7 OF 8

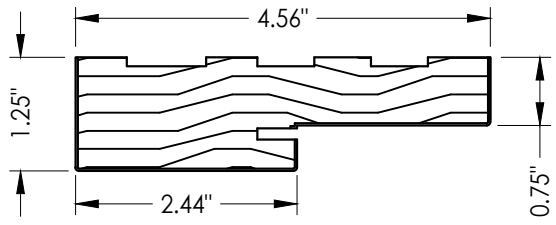
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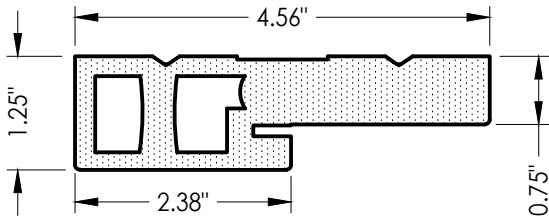
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
2	FINGER JOINT PINE JAMB (G >= 0.42)	WOOD
3	COMPOSITE CAVITY JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
10	#10 X 1" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
15	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
16	DEADBOLT STRIKE BACK PLATE (SCHLAGE)	STEEL
19	LATCH & DEADBOLT REINFORCEMENT PLATE (4" X 8" - 16 GA. STEEL PLATE)	STEEL
20	#8 X 1/2" SD PH SMS	STEEL
21	#10 X 3" PFH SMS	STEEL
22	#10 X 3/4" FH SMS	STEEL
23	#12 X 2-1/2" PFH WOOD SCREW	STEEL
30	INSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-



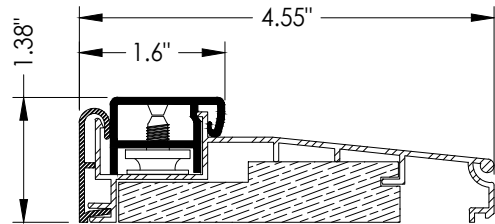
1 **COMPOSITE JAMB**
WORLDWIDE 4EVER JAMB



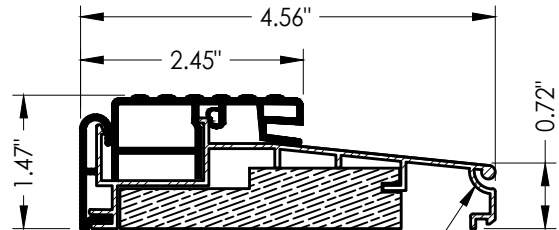
2 **FINGER JOINT PINE JAMB**



3 **COMPOSITE CAVITY JAMB**
WORLDWIDE 4EVER JAMB



30 **INSWING THRESHOLD**
WORLDWIDE



32 **OUTSWING THRESHOLD**
WORLDWIDE

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:
BILL OF MATERIALS
& COMPONENTS

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

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-29651.4

SHEET 8 OF 8