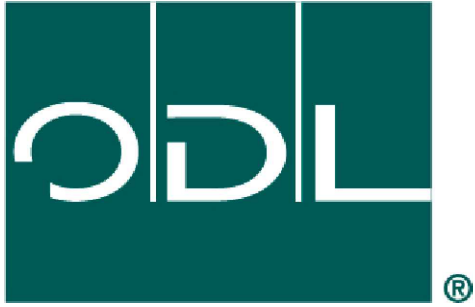


Z:\2023 FBC Drawings\ODL, Inc\FL-29651 R3\FL-29651.10-12.dwg



ODL, Inc.

GLAZED STEEL ENTRY DOOR

SINGLE

INSWING/OUTSWING

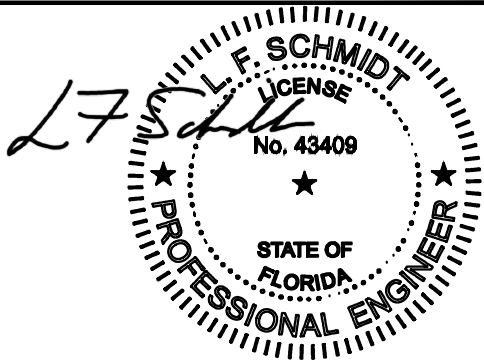
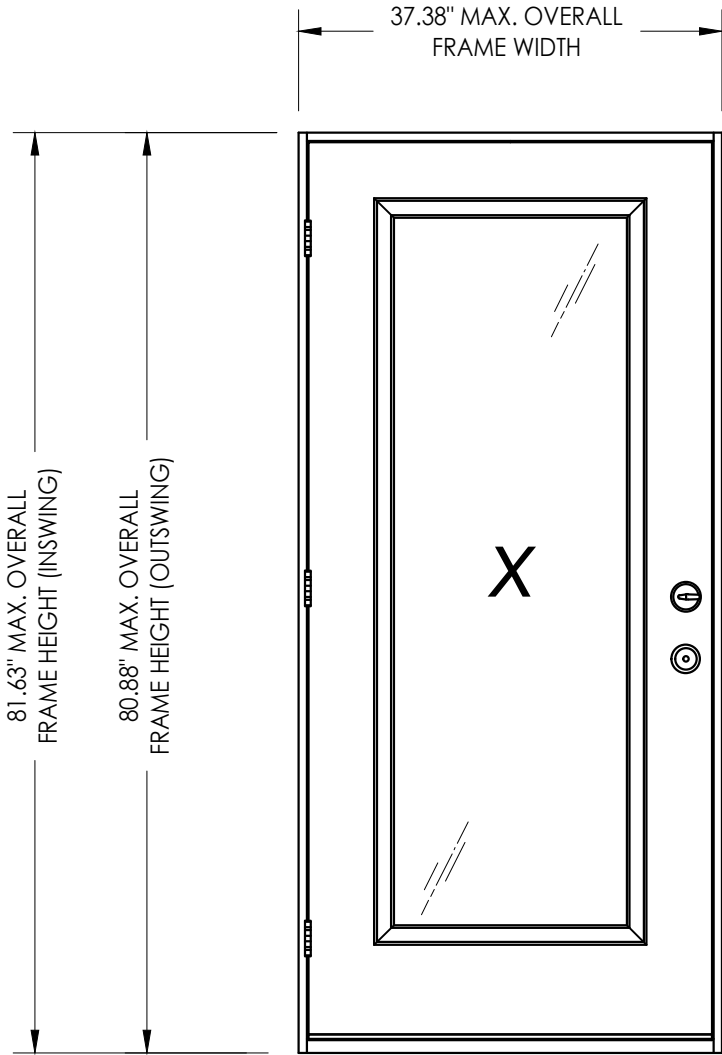
"IMPACT"

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	-50.0	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2026.03.31 07:48:07 -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				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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			
DATE: 3/18/26							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-29651.10							
SHEET 1 OF 8				REVISIONS			

Technical drawings of the ODL Lite Frame showing front and side views with dimensions.

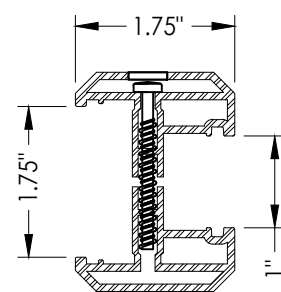
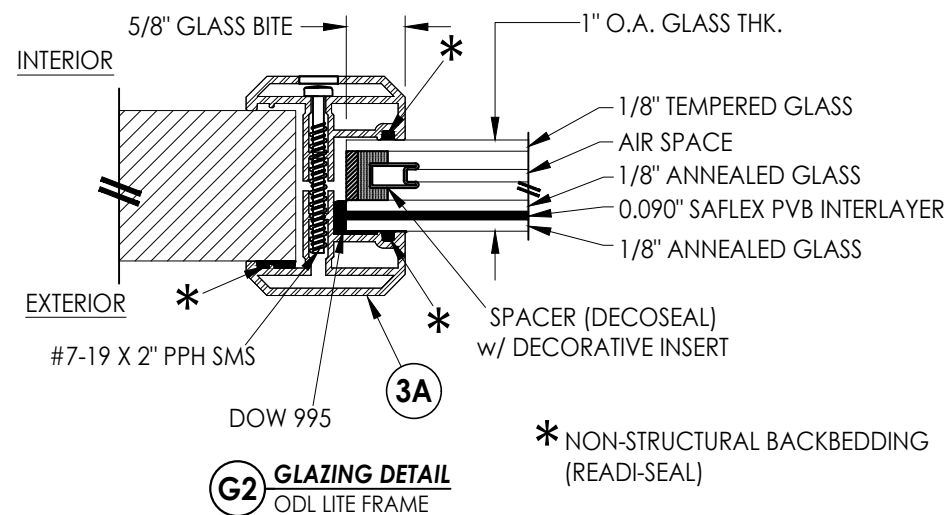
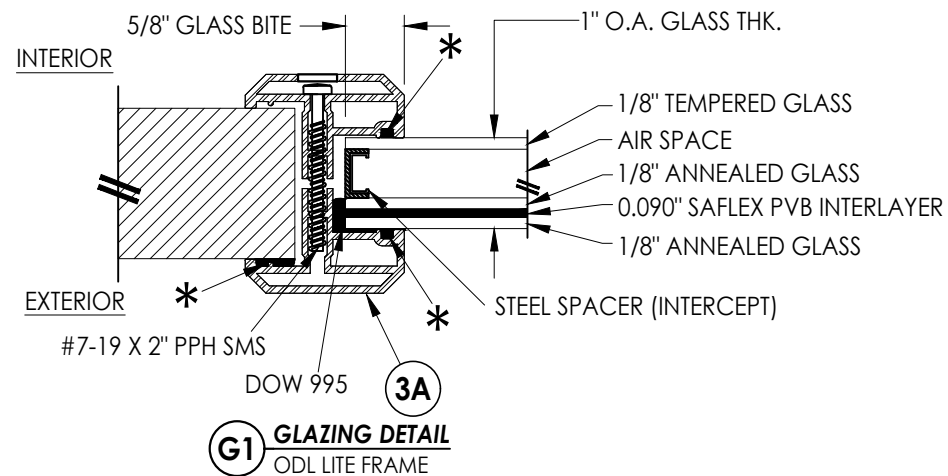
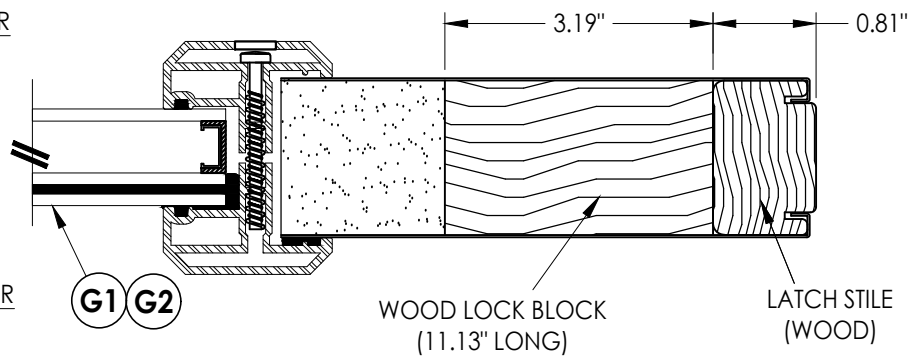
Front View (Left):

- Overall Width: 35.75" MAX. PANEL WIDTH
- Overall Height: 79" MAX. PANEL HEIGHT
- Internal Width: 40.38"
- Internal Height: 66.13" FRAME HEIGHT
- Distance from bottom edge to lock hardware: 5.5"
- Lock hardware location: SEE DOOR LOCK HARDWARE TABLE
- Internal dimensions: 62.63" D.L.O. HEIGHT
- Frame width: 24.13" MAX. FRAME WIDTH
- Distance from top edge to frame: 20.63" MAX. D.L.O. WIDTH

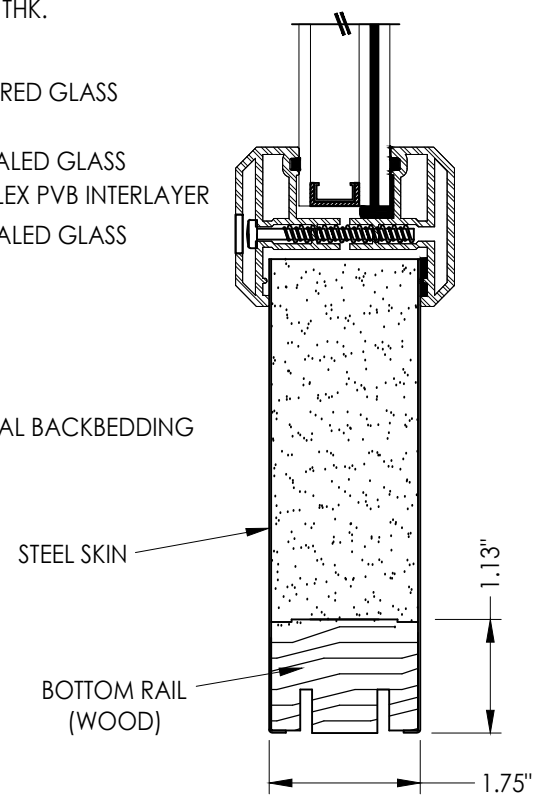
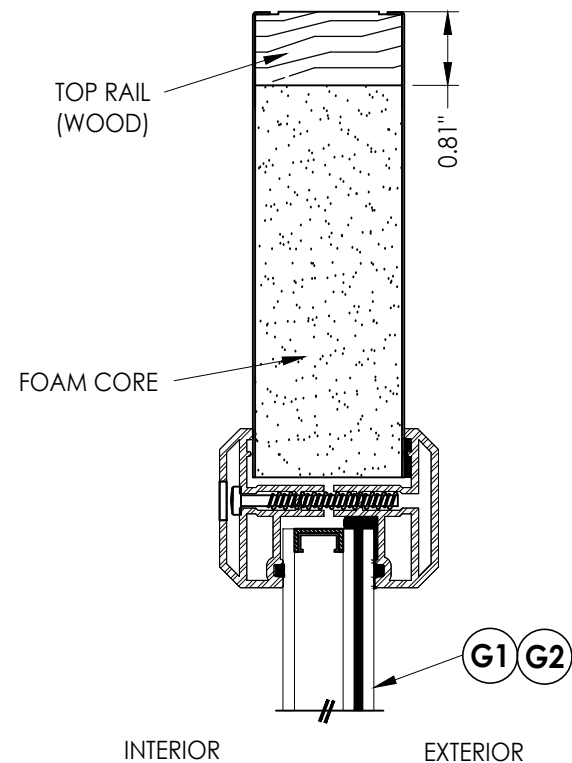
Side View (Right):

- Overall Width: 24.13" MAX. FRAME WIDTH
- Overall Height: 79" MAX. PANEL HEIGHT
- Internal Width: 40.38"
- Internal Height: 66.13" FRAME HEIGHT
- Distance from bottom edge to lock hardware: 5.5"
- Lock hardware location: SEE DOOR LOCK HARDWARE TABLE
- Internal dimensions: 62.63" D.L.O. HEIGHT
- Frame width: 24.13" MAX. FRAME WIDTH
- Distance from top edge to frame: 20.63" MAX. D.L.O. WIDTH

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



3A ODL LITE FRAME
ALUMINUM "FLAT FRAME"



2 VERTICAL CROSS SECTION

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

[illegible]

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

© 2019 R.W. BUILDING CONSULTANTS INC.

[illegible]

Diagram illustrating a cross-section of a roof assembly, showing the interior and exterior materials and components. The diagram includes labels for various parts and dimensions:

- Interior Side (Left):**
 - 40:** Interior wall or ceiling structure.
 - 7:** Interior insulation layer.
- Exterior Side (Right):**
 - 1:** Exterior insulation layer.
 - 2:** Exterior wall or ceiling structure.
- Fasteners and Sealant:**
 - D:** Fastener (screw) passing through the exterior wall and insulation.
 - E:** Sealant applied around the fastener head.
 - C:** Sealant applied to the joint between the exterior wall and the insulation.
- Dimensions:**
 - 1-1/4" MIN. EMB. (TYP.):** Minimum embedment depth of the fastener into the exterior wall.

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

PRODUCT: ODL, INC.
STEEL DOOR

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

RW

[illegible]

DATE: 3/18/26

SCALE: *N.T.S.*

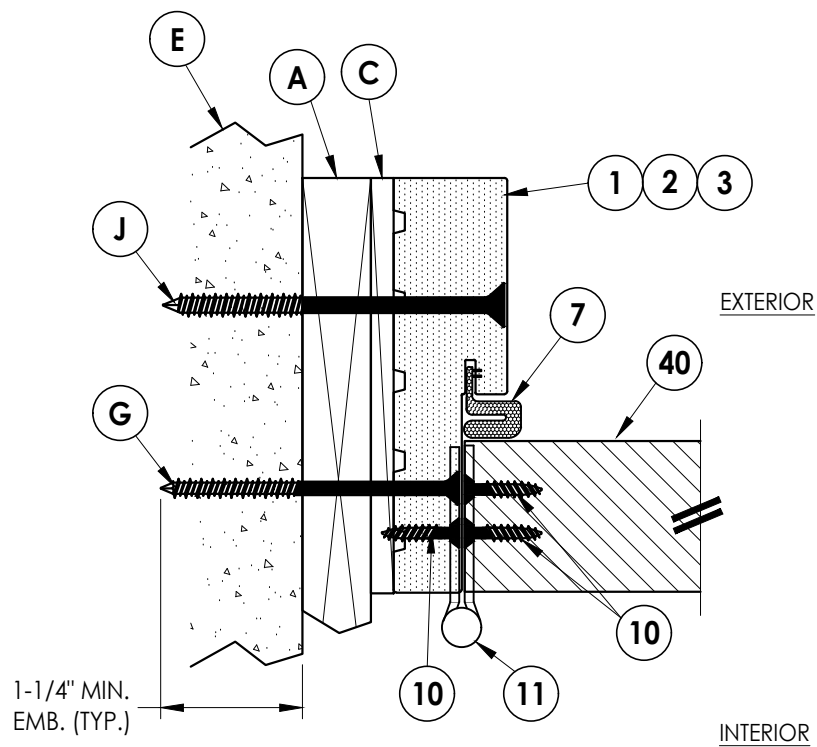
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

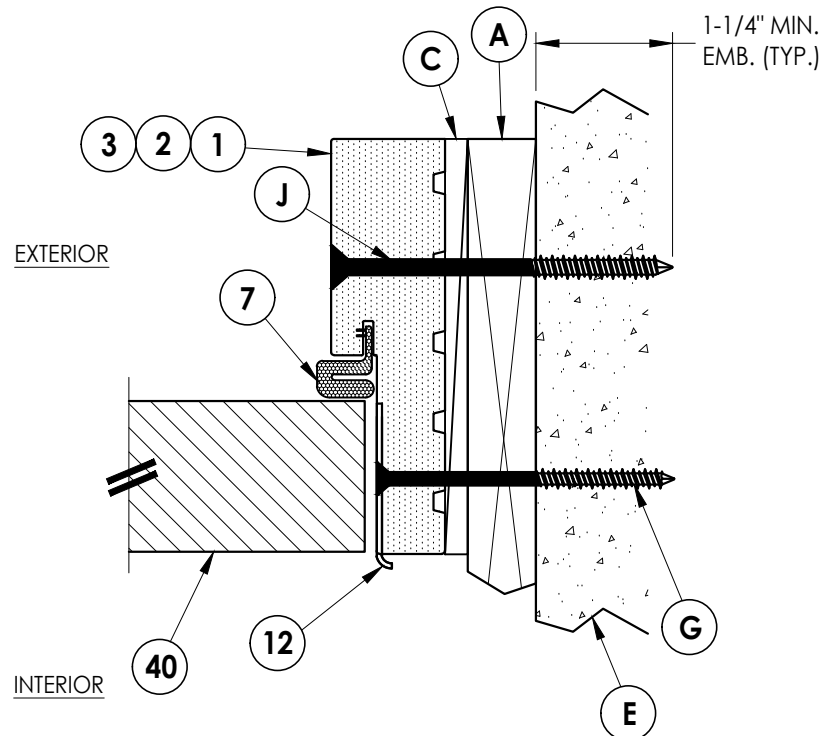
FL-29651.10

SHEET 3 OF 8



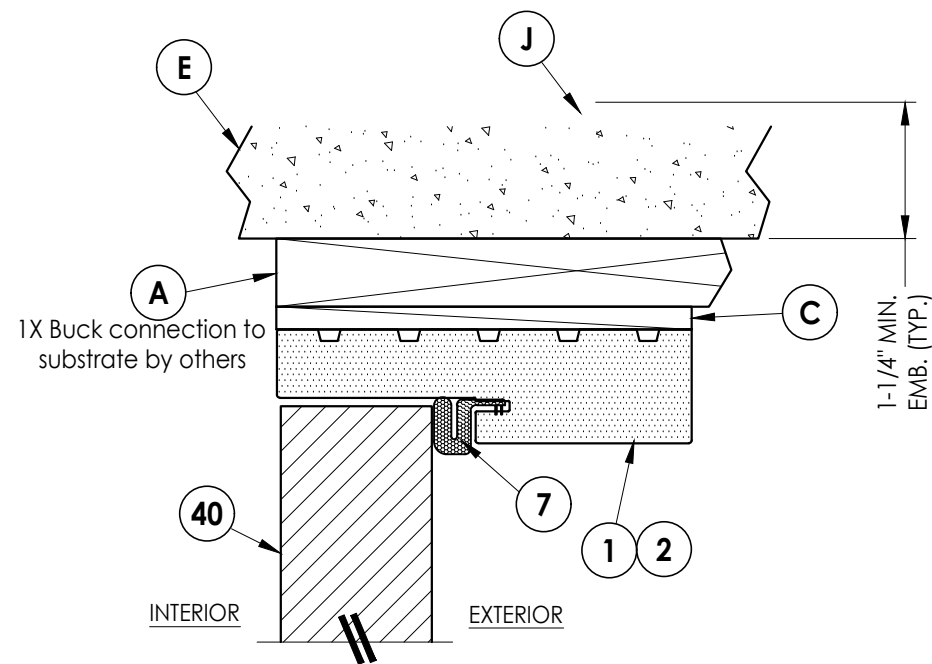
1 HORIZONTAL CROSS SECTION

4 Inswing Shown (Outswing Similar)
1X Buck Construction



2 HORIZONTAL CROSS SECTION

4 Inswing Shown (Outswing Similar) 1X Buck Construction

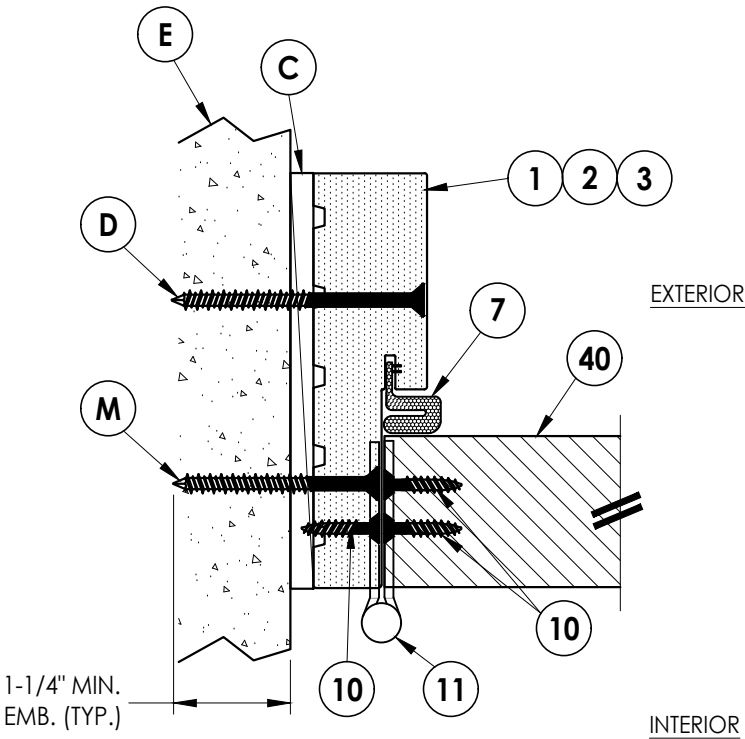


3 VERTICAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
 1X Buck Construction

[illegible]

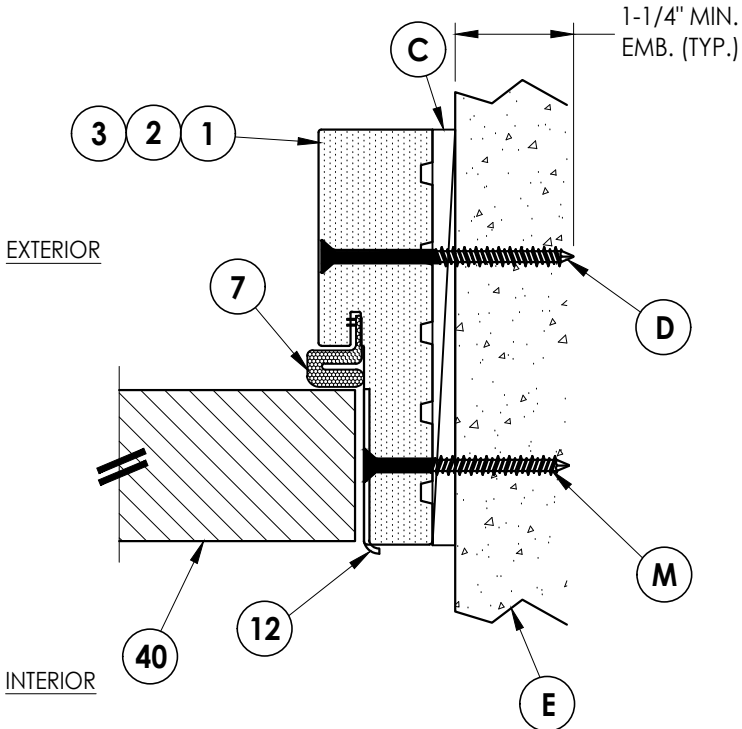
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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



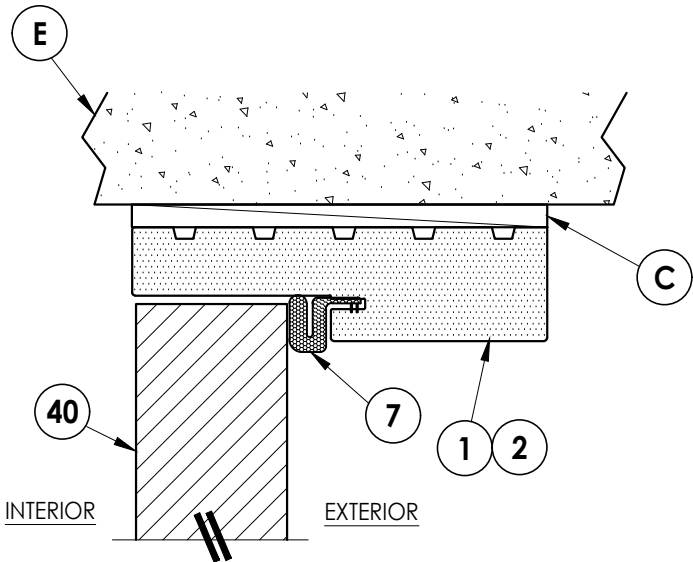
1 **HORIZONTAL CROSS SECTION**

5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry



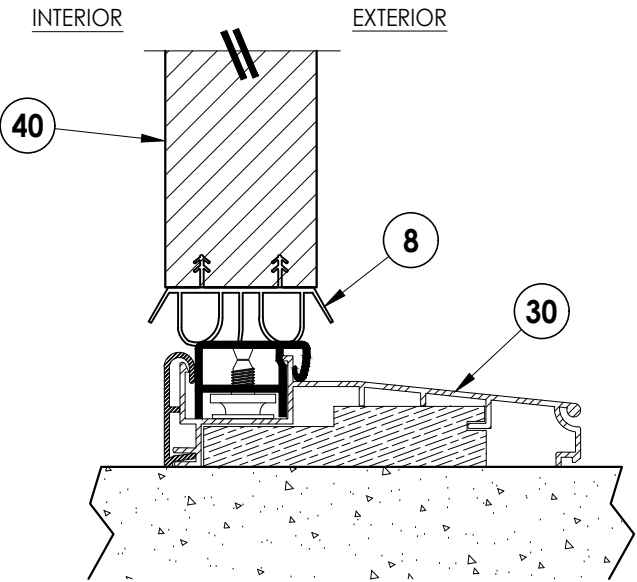
2 HORIZONTAL CROSS SECTION

5 Inswing Shown (Outswing Similar) Shown Direct to Masonry

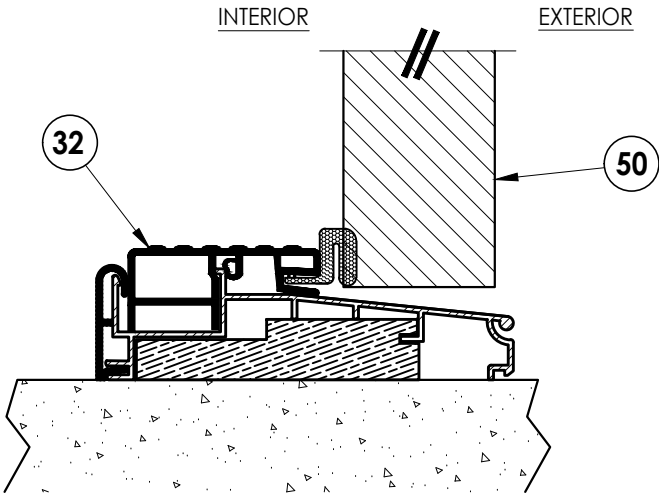


3 **VERTICAL CROSS SECTION** 5 Inswing Shown (Outswing Similar) Shown Direct to Masonry

[illegible]



1 **VERTICAL CROSS SECTION**
6 Inswing sill



2 **VERTICAL CROSS SECTION**
6 Outswing sill

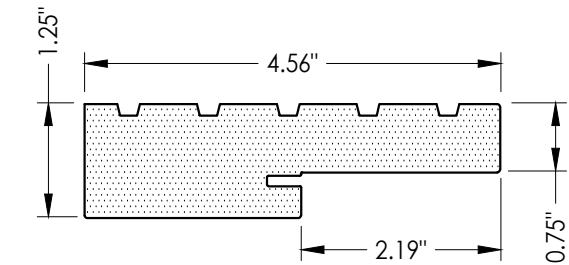
[illegible]

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

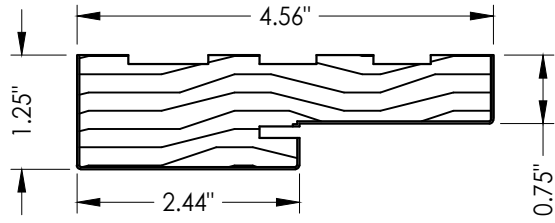
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\ODL, Inc\FL-29651 R3\FL-29651.10-12.dwg

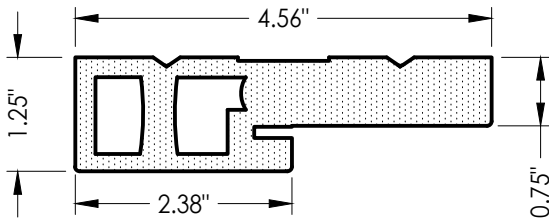
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" 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	-



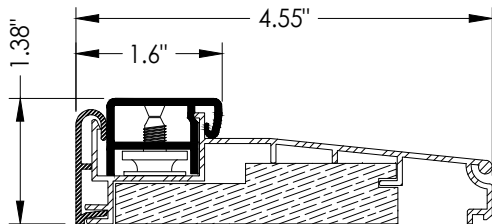
1 COMPOSITE JAMB
WORLDWIDE 4EVER JAMB



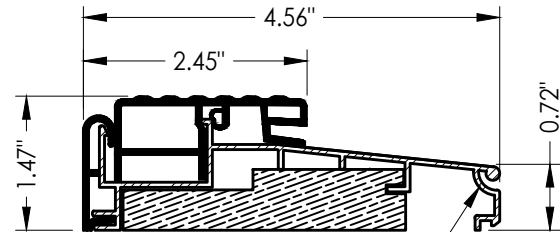
2 FINGER JOINT PINE JAMB



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

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:

BILL OF MATERIALS
& COMPONENTS

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-29651.10

SHEET 8 OF 8