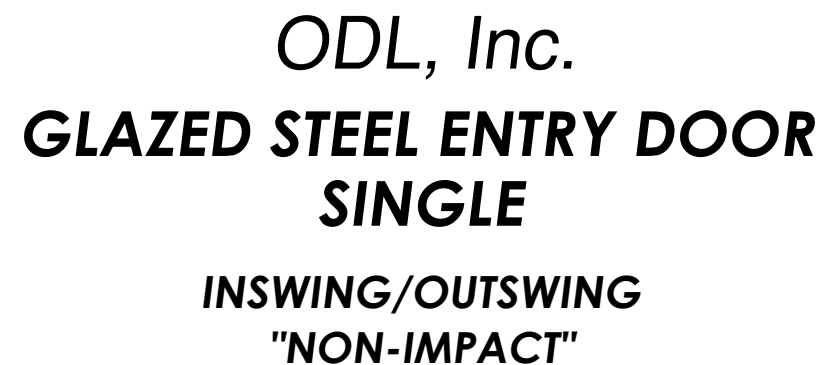
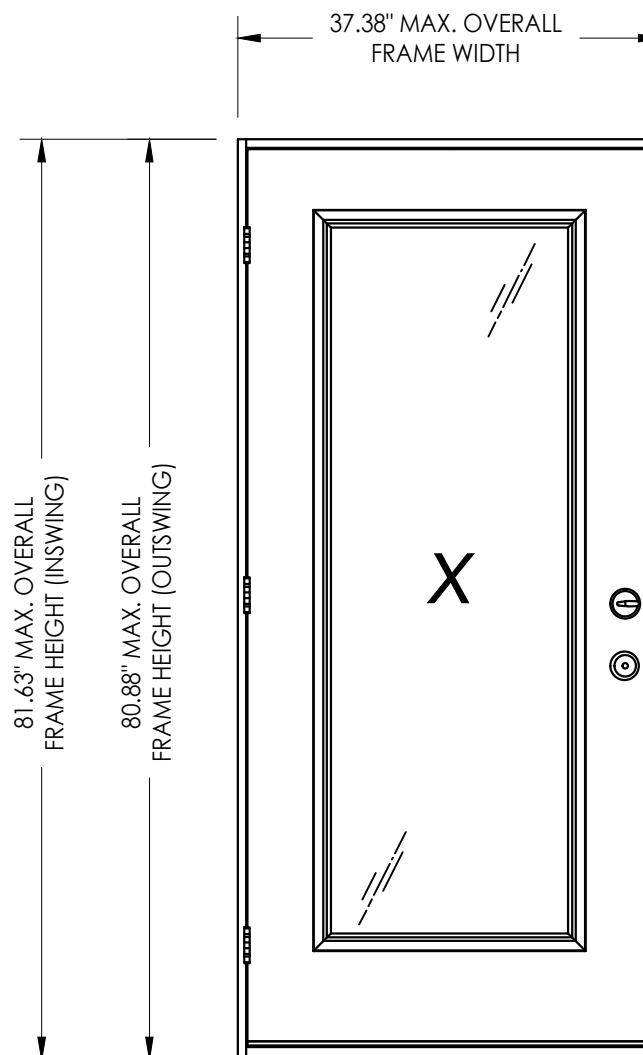


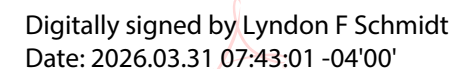


1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product 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



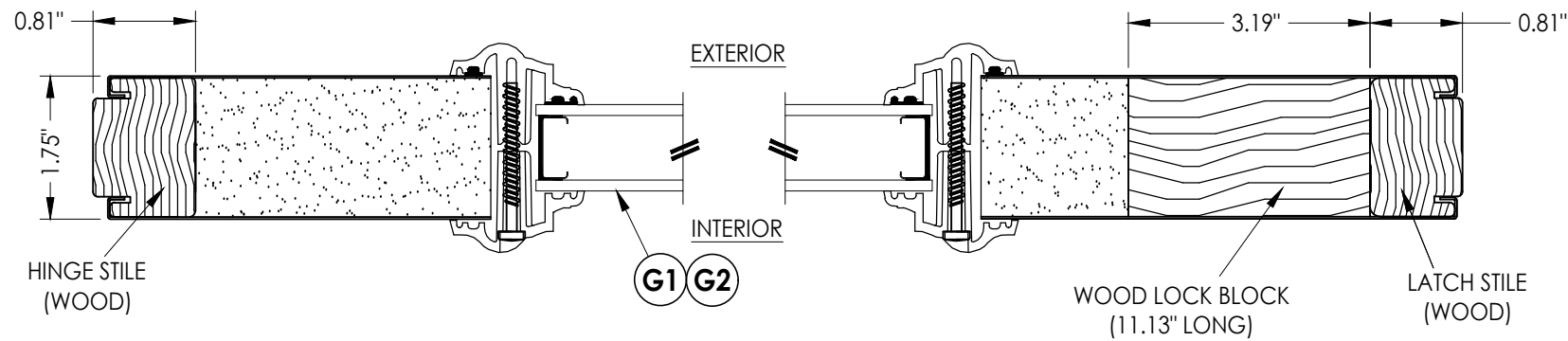
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal

Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

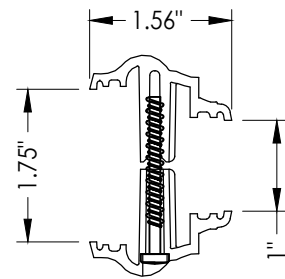
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

[illegible]

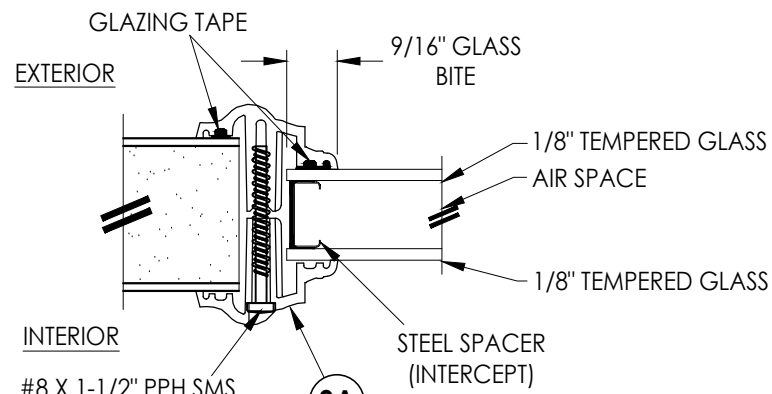
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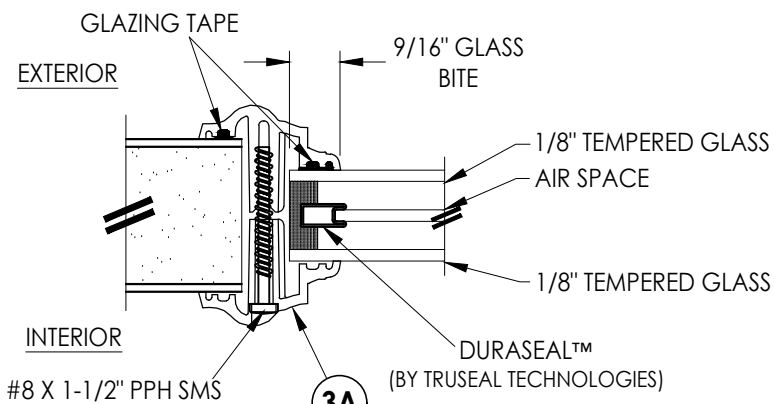
1
2 **HORIZONTAL CROSS SECTION**



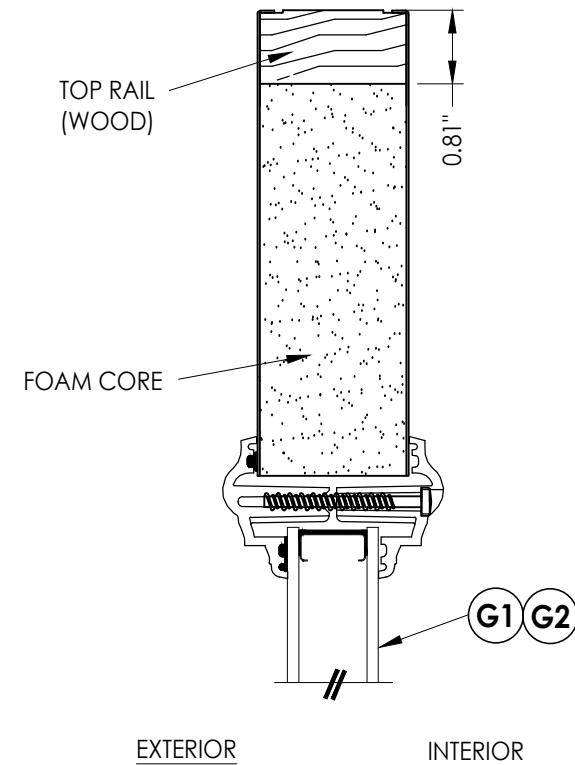
3A **ODL LITE FRAME**
EVOLVE FRAME
HP POLYPROPYLENE



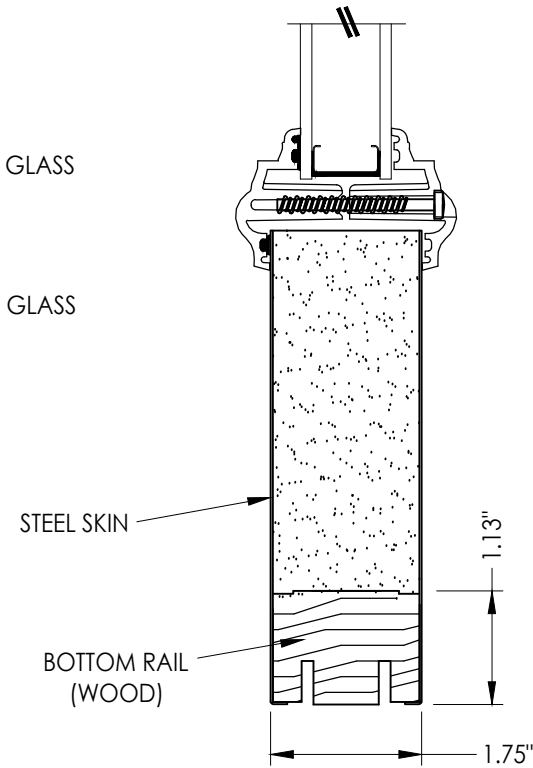
G1 **GLAZING DETAIL**
ODL LITE FRAME



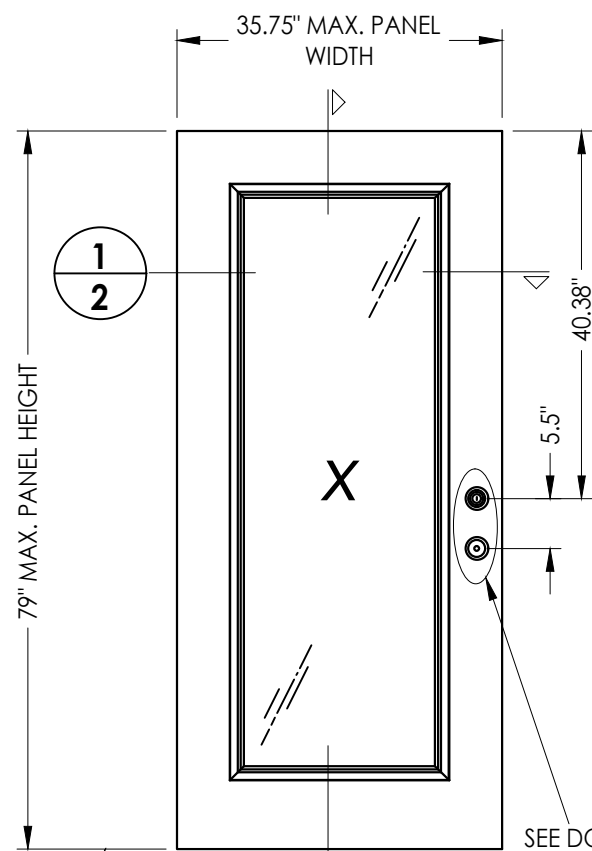
G2 **GLAZING DETAIL**
ODL LITE FRAME



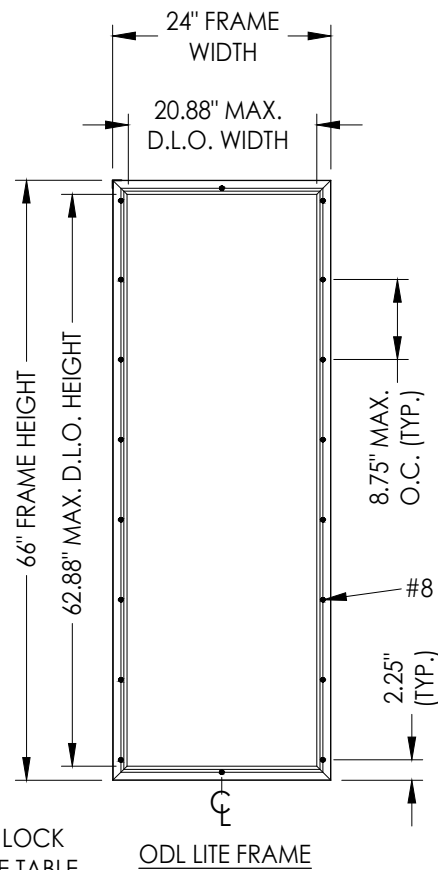
EXTERIOR INTERIOR



2
2 **VERTICAL CROSS SECTION**



SEE DOOR LOCK
HARDWARE TABLE



ODL LITE FRAME

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

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)

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	MANUFACTURER'S NAME CHANGE	LFS	BY
3	3/30/26	MANUFACTURER'S NAME CHANGE	LFS	BY

DATE: 3/18/26

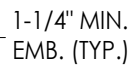
SCALE: N.T.S.

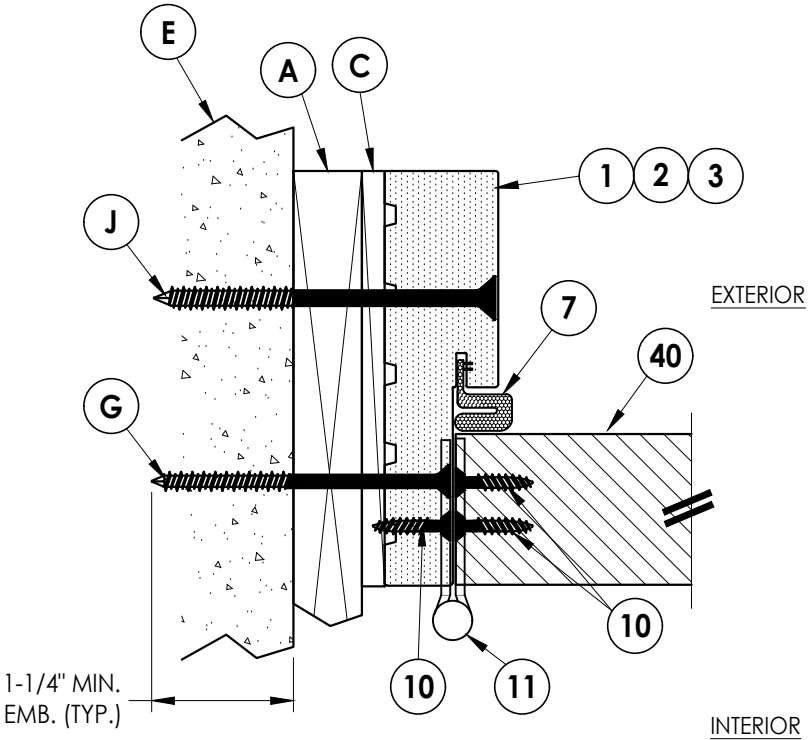
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-29651.4

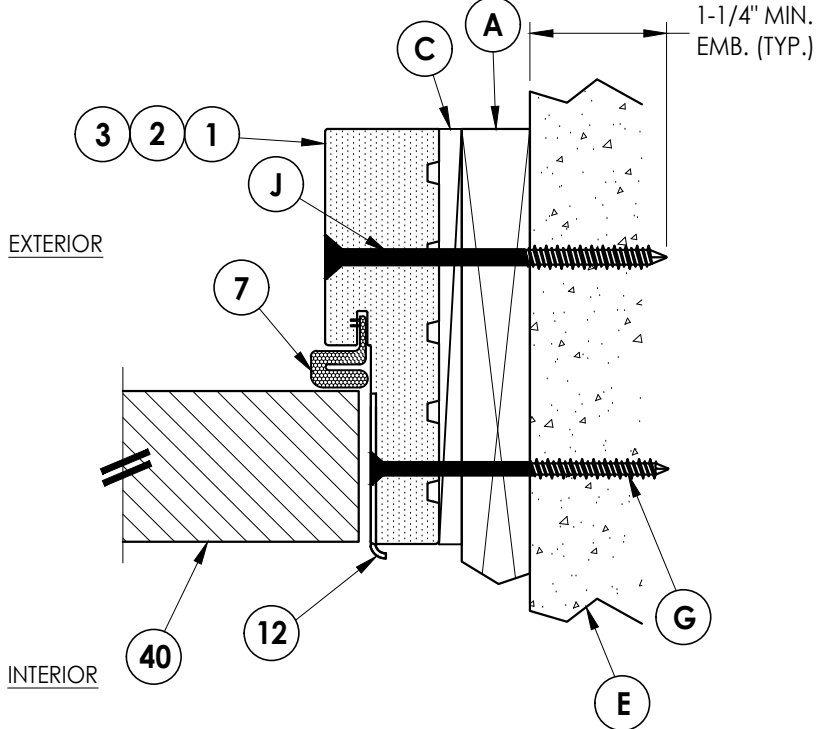
SHEET 2 OF 8

[illegible]



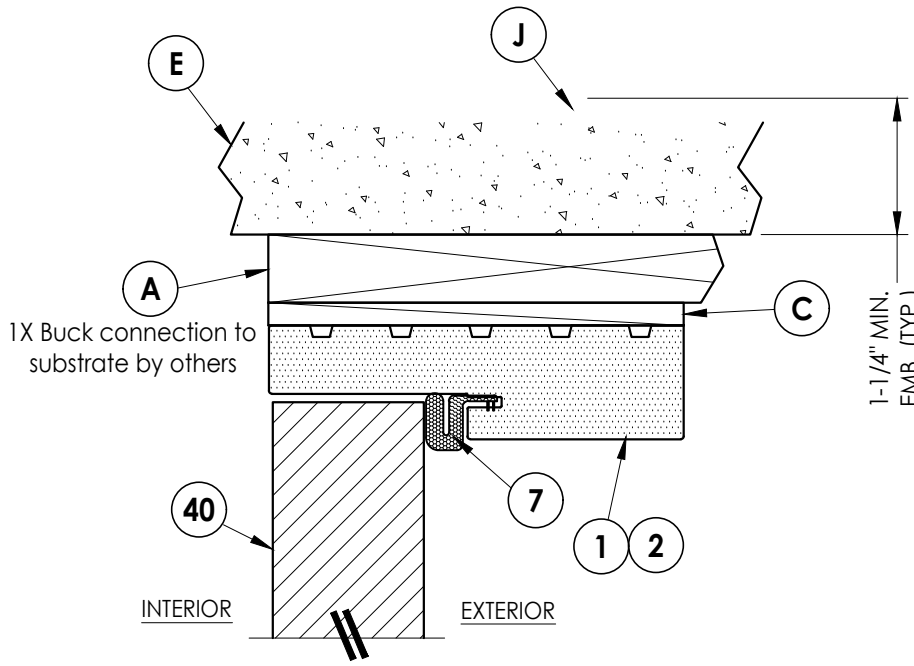
1 HORIZONTAL CROSS SECTION

4 Inswing Shown (Outswing Similar) 1X Buck Construction



2 HORIZONTAL CROSS SECTION

4 Inswing Shown (Outswing Similar) 1X Buck Construction

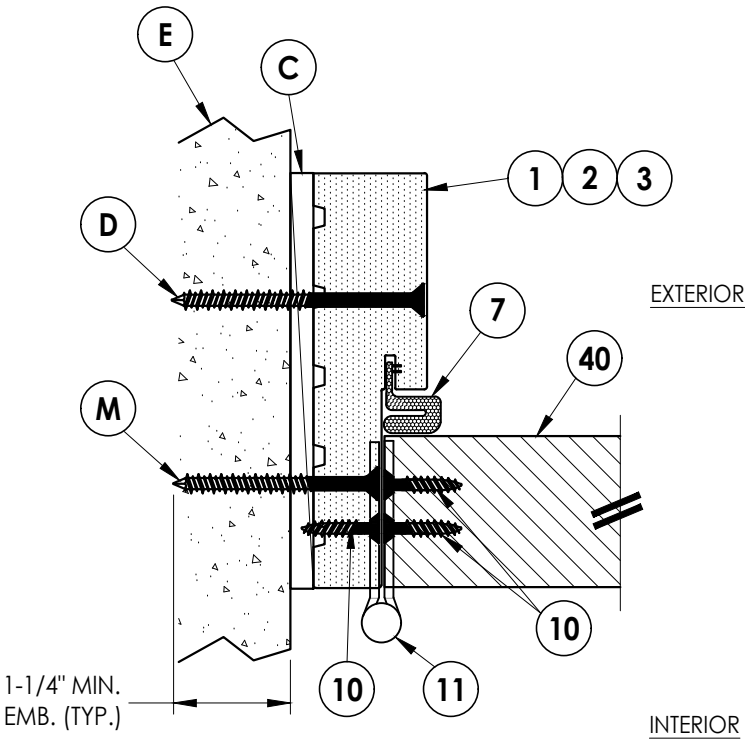


3 VERTICAL CROSS SECTION
4 Inswing Shown (Outswing Similar)
1X Buck Construction

[illegible]

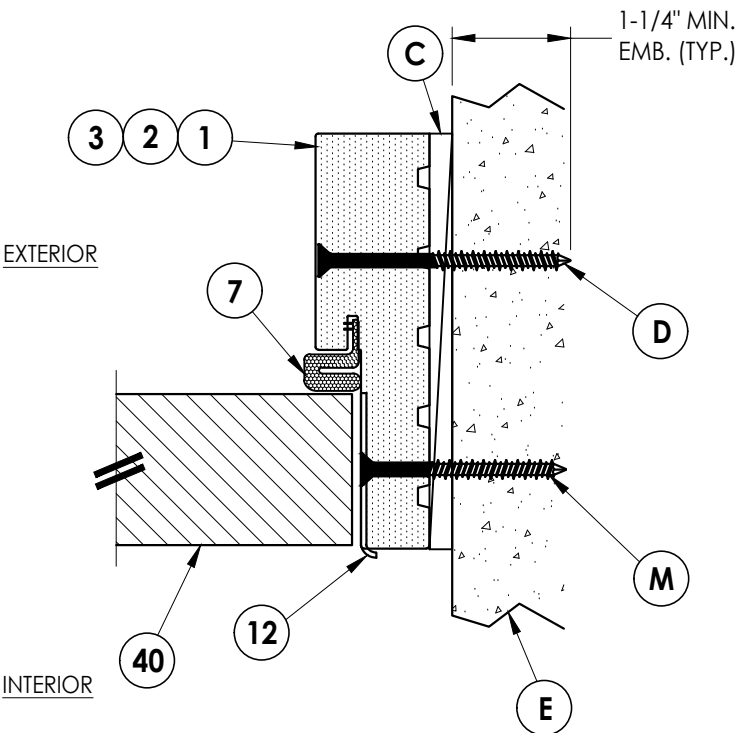
Documents Prepared By:
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FBPE Registry No. 9813



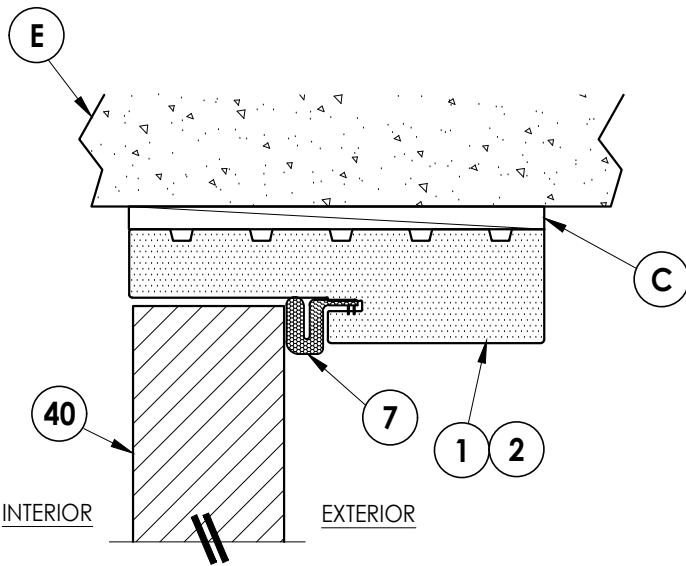
1 **HORIZONTAL CROSS SECTION**

5 Inswing Shown (Outswing Similar)
Shown Direct to Masonry



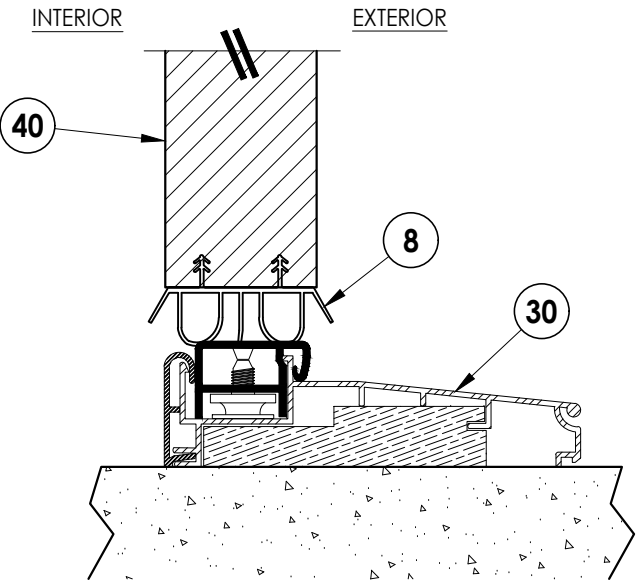
2 HORIZONTAL CROSS SECTION

5 Inswing Shown (Outswing Similar) Shown Direct to Masonry

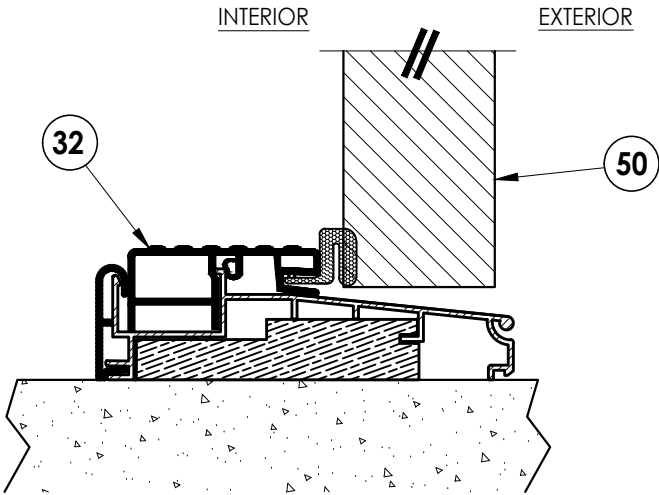


3 VERTICAL CROSS SECTION
5 Inswing Shown (Outswing Similar)
 Shown Direct to Masonry

[illegible]



1 **VERTICAL CROSS SECTION**
6 Inswing sill

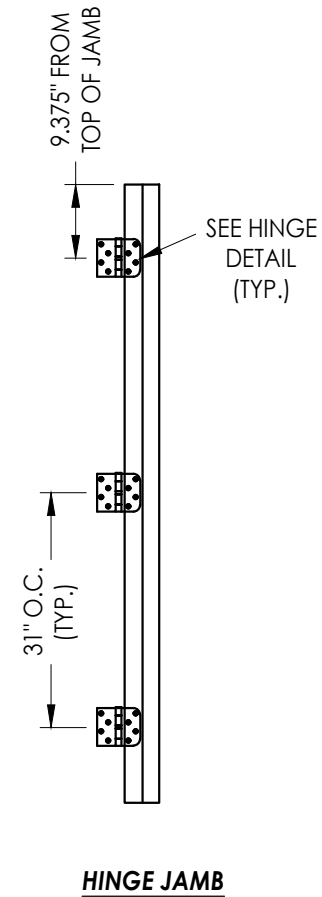


2 **VERTICAL CROSS SECTION**
6 Outswing sill

[illegible]

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

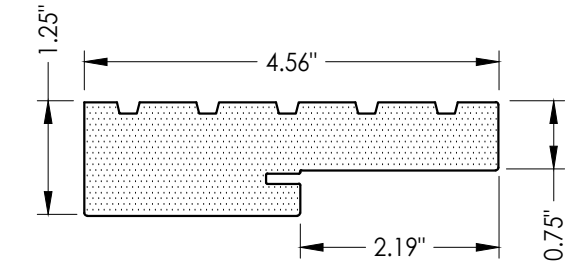
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



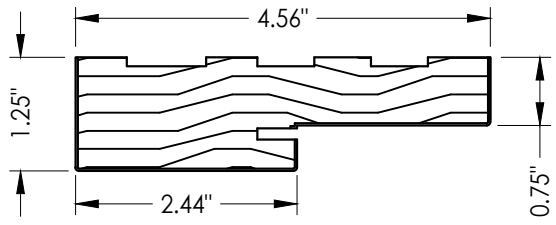
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
DeWALT ULTRACON®	1/4"	1-1/4"	2"	4"
	1/4"	1-1/4"	1"	4"

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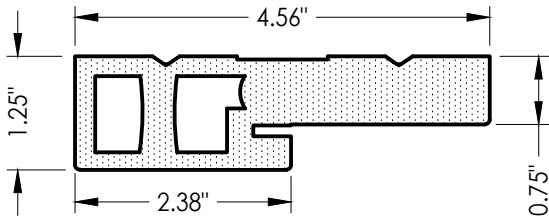
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2"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



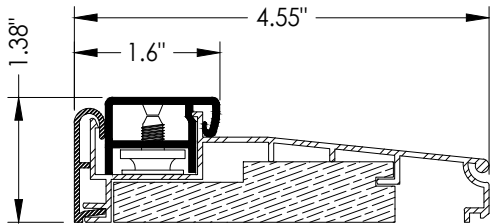
1 **COMPOSITE JAMB**
WORLDWIDE 4EVER JAMB



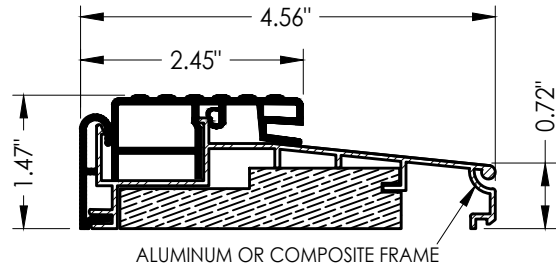
2 **FINGER JOINT PINE JAMB**



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

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

REVISIONS

DATE: 3/18/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-29651.4

SHEET 8 OF 8