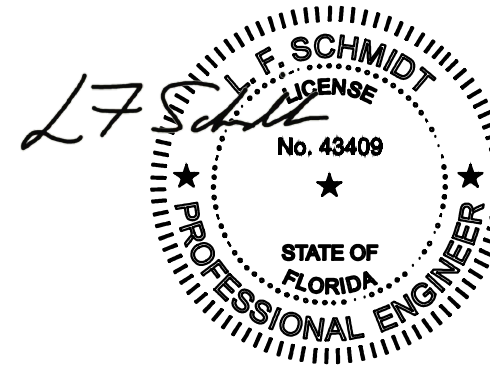


5017 N. Coolidge
Tampa, FL 33614

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 E 1996.
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 (Thresholds)
7	Frame anchoring & hardware details
8	Bill of materials

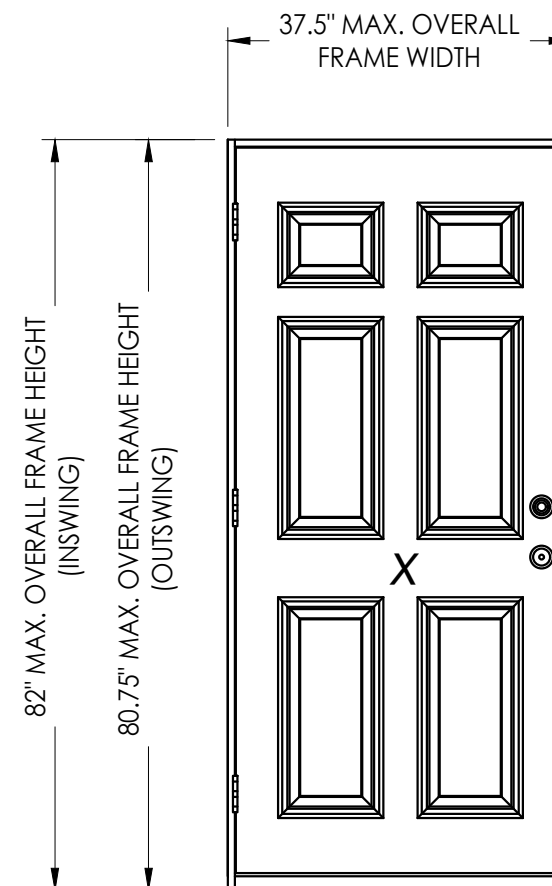


Digitally signed by
Lyndon F Schmidt
Date: 2026.07.23
10:18:30 -04'00'

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.

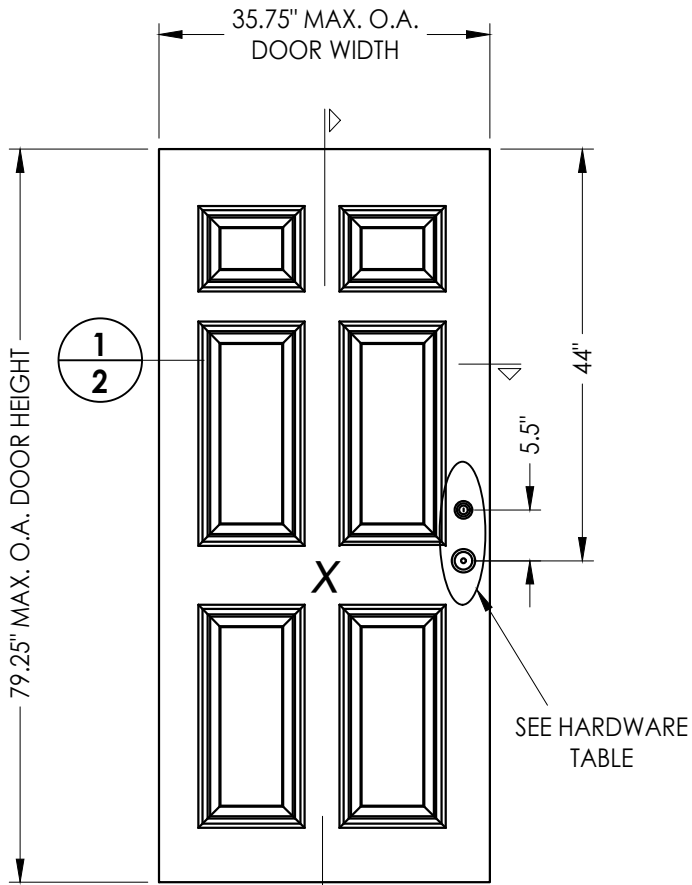
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+60.0	-65.0	+60.0	-60.0

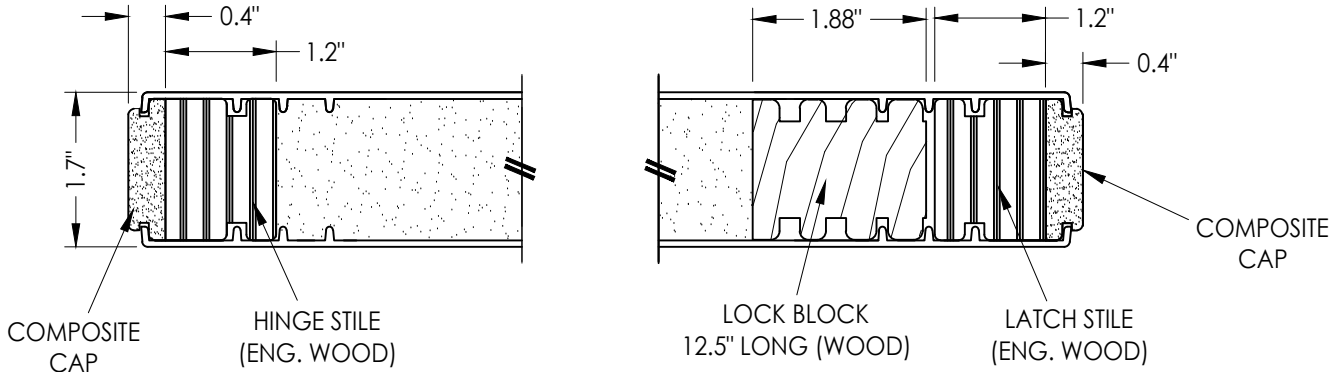
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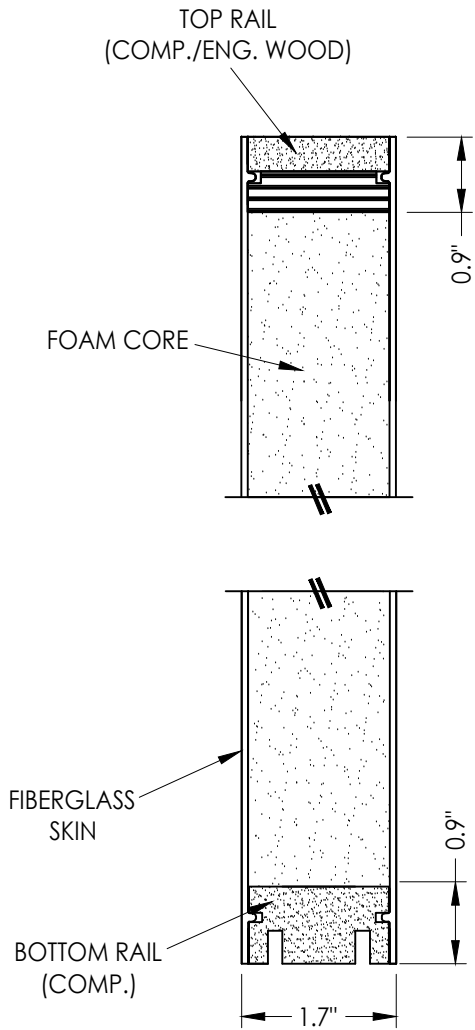
40 **FIBERGLASS DOOR PANEL**
THERMA-TRU

FIBERGLASS DOOR SKIN: MIN. 0.070" THK.
FOAM CORE MATERIAL: POLYURETHANE



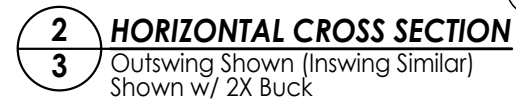
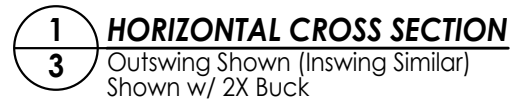
1
2 **HORIZONTAL CROSS SECTION**

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	400 SERIES (400P)
	DEADBOLT:	600 SERIES (660)



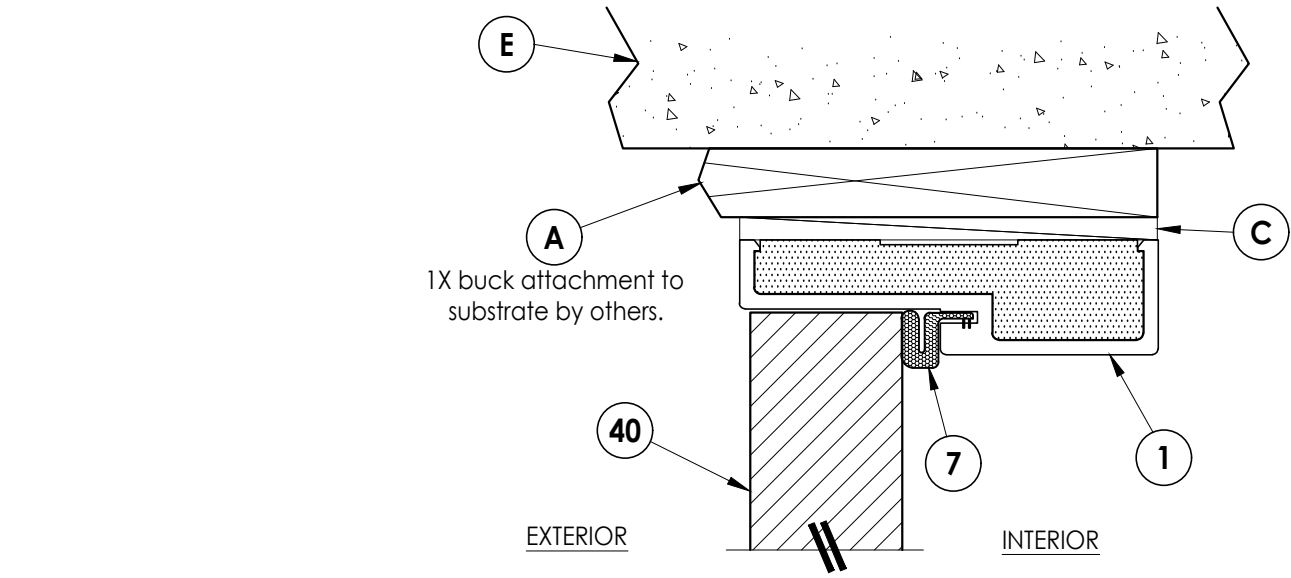
2
2 **VERTICAL CROSS SECTION**

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: WORLDWIDE DOOR COMPONENTS FIBERGLASS DOOR			PART OR ASSEMBLY: DOOR PANEL DETAILS		
				LFS	BY
DATE: 8/12/25			REVISIONS		
SCALE: N.T.S.					
DWG. BY: RW					
CHK. BY: LFS					
DRAWING NO.: FL-12991.6					
SHEET 2 OF 8					

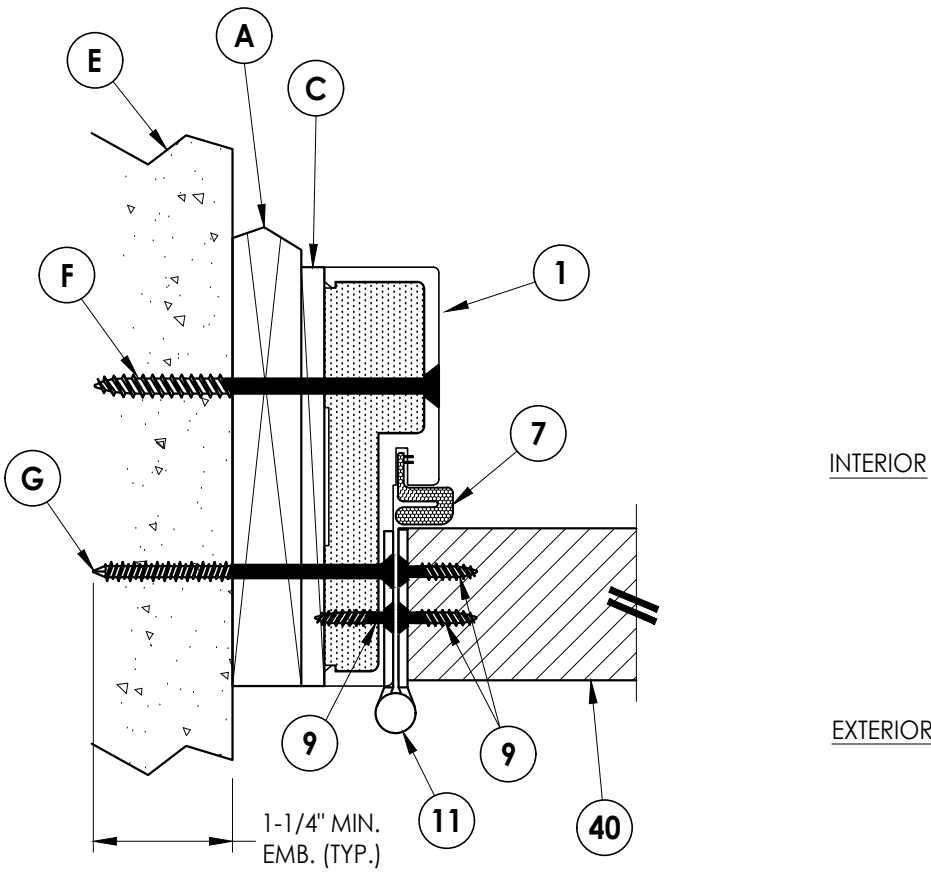


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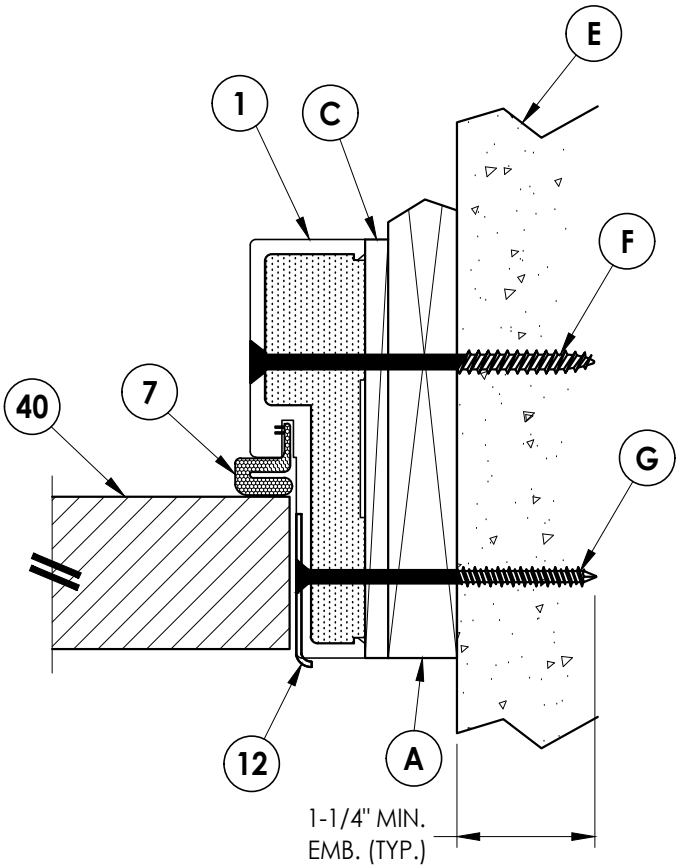
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3 **VERTICAL CROSS SECTION**
4 Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



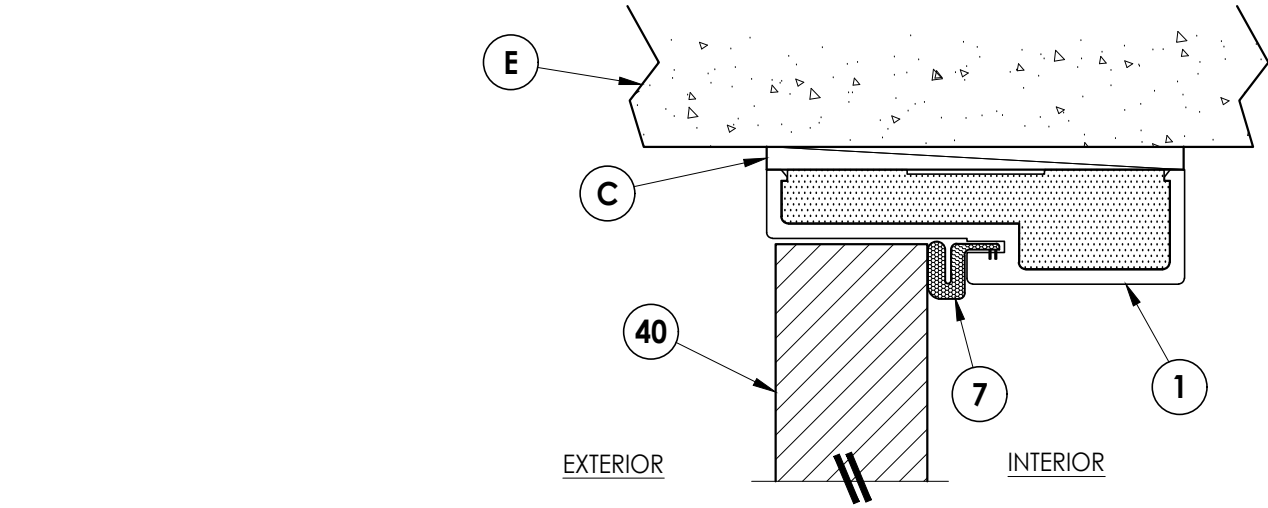
1 **HORIZONTAL CROSS SECTION**
4 Outswing Shown (Inswing Similar)
Shown w/ 1X Buck



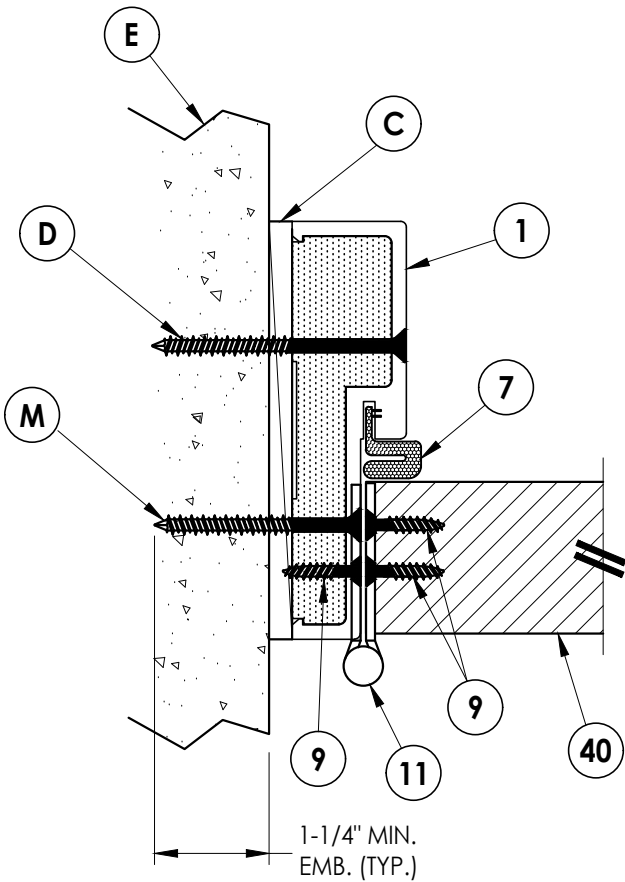
2 **HORIZONTAL CROSS SECTION**
4 Outswing Shown (Inswing Similar)
Shown w/ 1X Buck

DATE: 8/12/25				DOCUMENTS PREPARED BY: LYNDON F. SCHMIDT P.E. NO. 43409			
SCALE: N.T.S.				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-12991.6				PRODUCT: WORLDWIDE DOOR COMPONENTS FIBERGLASS DOOR			
SHEET 4 OF 8				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			

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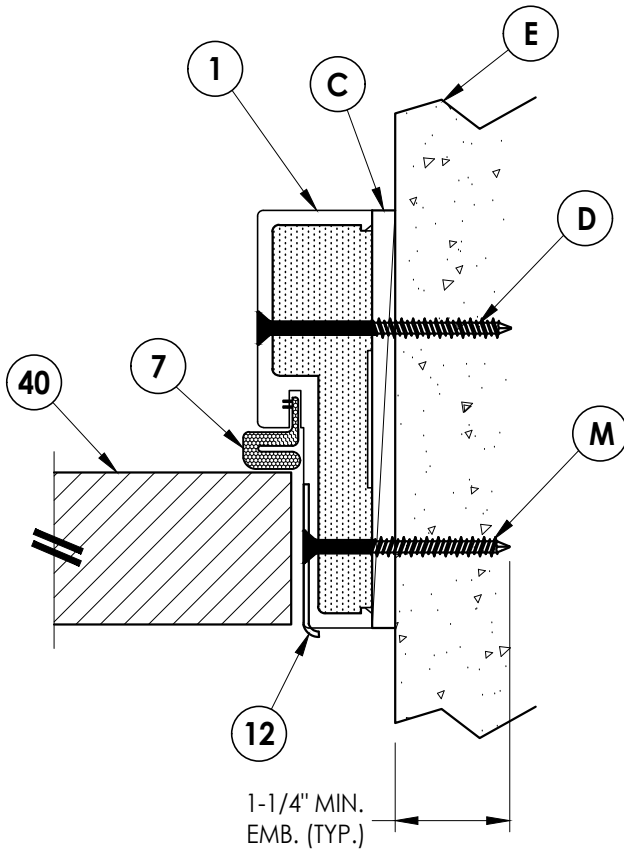
3
5 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



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

INTERIOR

EXTERIOR



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

DATE: 8/12/25

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-12991.6

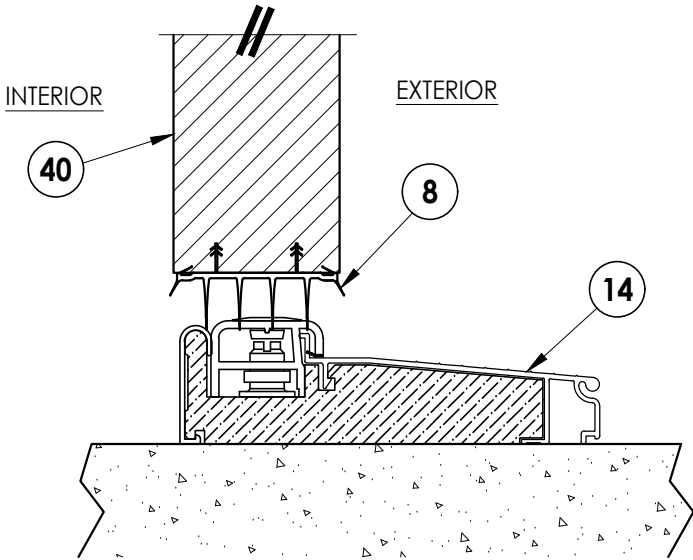
SHEET 5 OF 8

PRODUCT:
WORLDWIDE DOOR COMPONENTS
FIBERGLASS DOOR

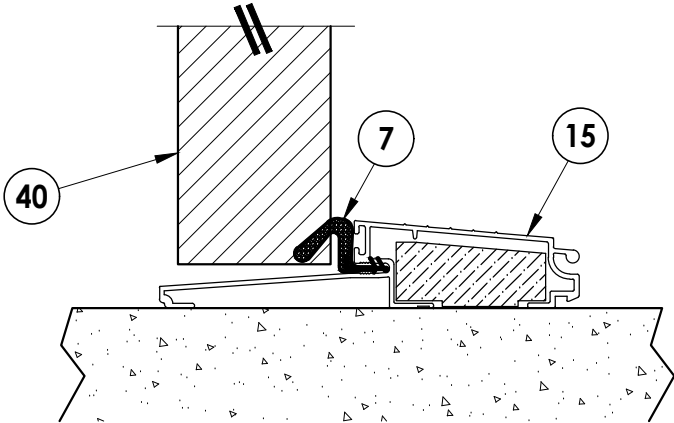
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

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 **VERTICAL CROSS SECTION**
6 Inswing Sill



2 **VERTICAL CROSS SECTION**
6 Outswing Sill

DATE: 8/12/25	
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.: FL-12991.6	
SHEET	6 OF 8

1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
NO.	DATE			BY	
REVISIONS					

PRODUCT:	WORLDWIDE DOOR COMPONENTS FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

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

R^N BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 333
Phone No.: 813.659.9197
FBPE Registry No. 9813

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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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

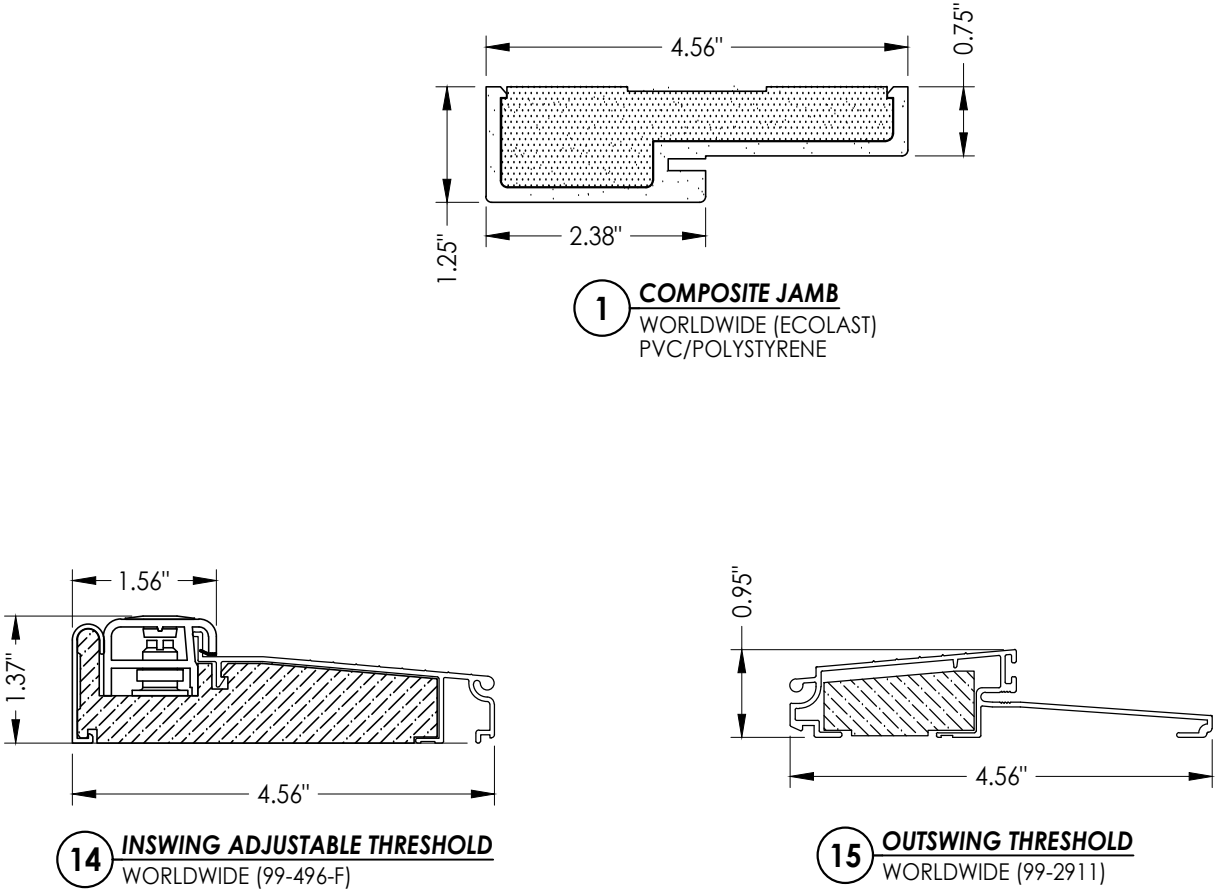
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

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

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



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PRODUCT: WORLDWIDE DOOR COMPONENTS FIBERGLASS DOOR				PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS			
DATE: 8/12/25				REVISIONS			
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-12991.6							
SHEET 8 OF 8							