

Z:\2023 FBC Drawings\Lily Industries Co., Ltd\FL-46938\FL-46938.1.dwg



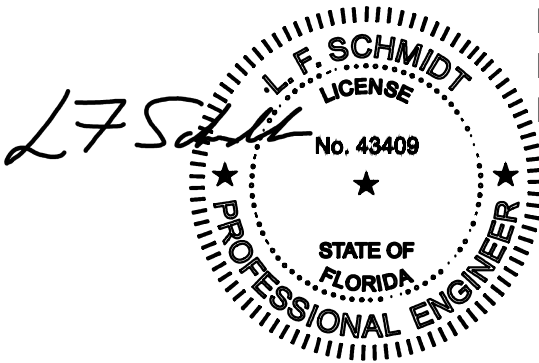
Qualified Products Factory Made

INTEGRAL FLUSH GLAZED FIBERGLASS
FULL LITE DOOR
SINGLE
INSWING
"NON-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 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.

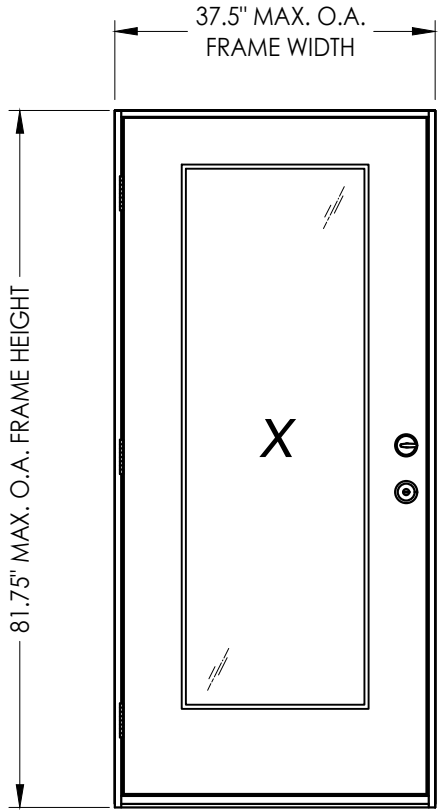
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3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Buck & Frame Anchoring
7	Bill of Materials & Components



Digitally signed by
Lyndon F Schmidt
Date: 2024.08.29
3:34:32 -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	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	37.5" x 81.75"	+50.0	-60.0

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

PRODUCT:
LILY INDUSTRIES CO.
FIBERGLASS DOORS

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.

DATE

BY

REVISIONS

DATE: 8/28/24

SCALE: N.T.S.

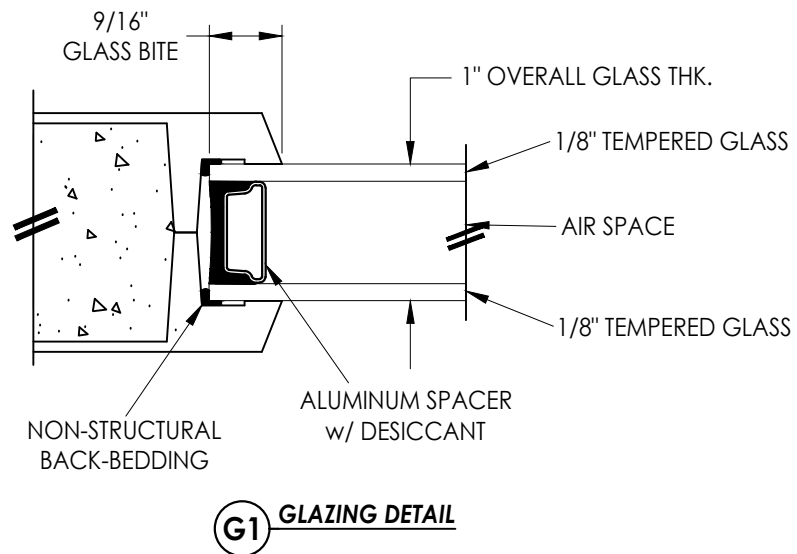
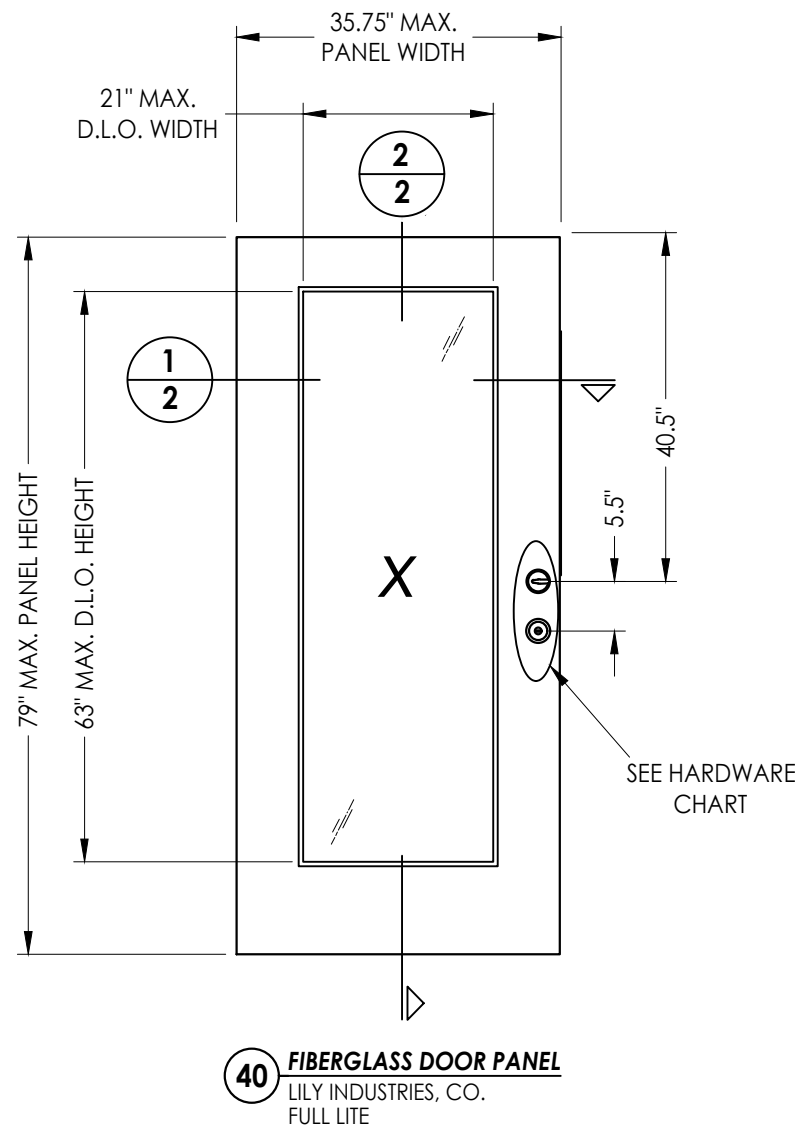
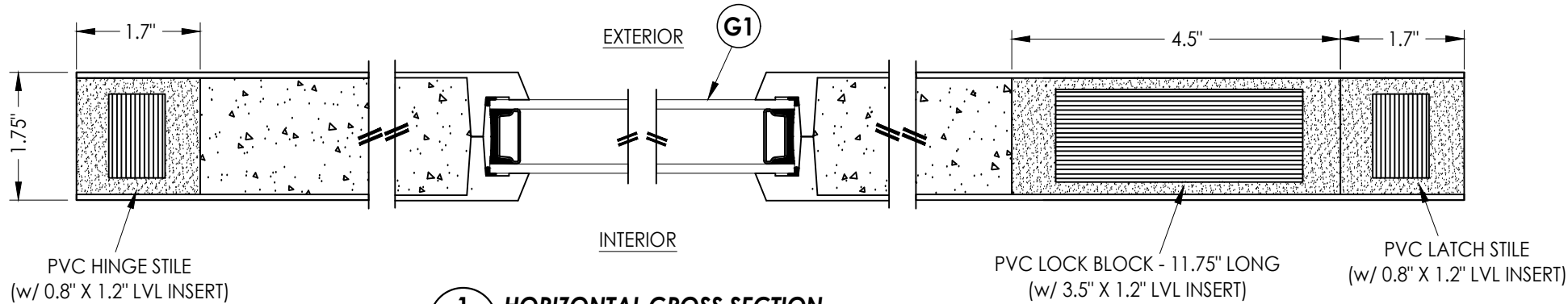
DWG. BY: LFS

CHK. BY: RW

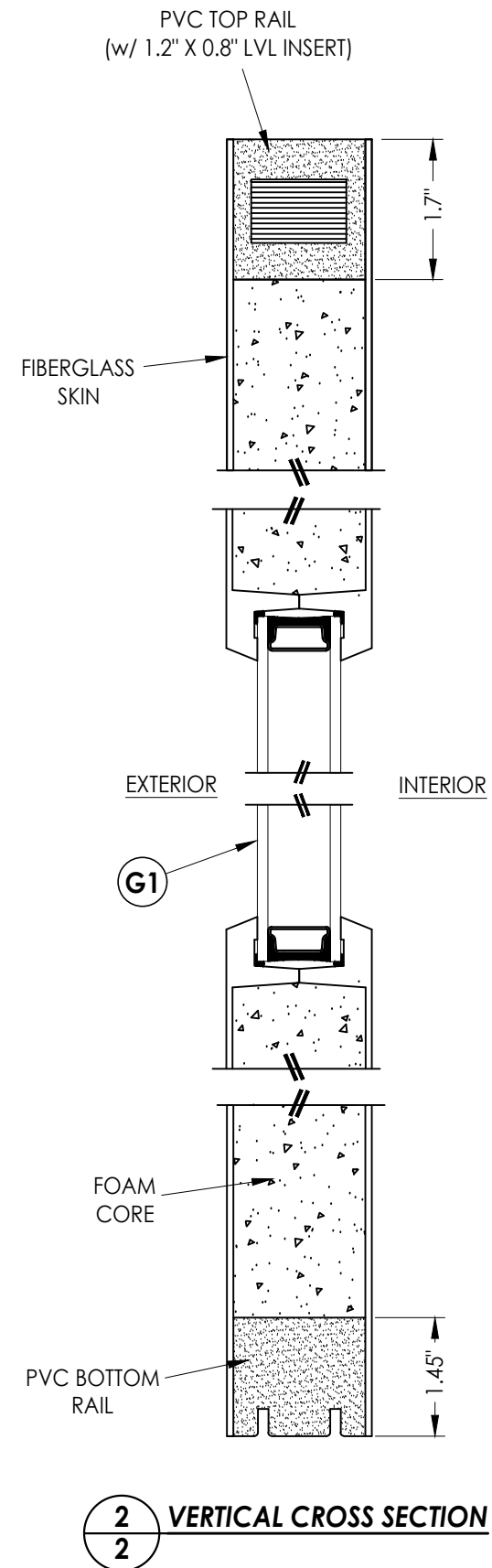
DRAWING NO.:
FL-46938.1

SHEET 1 OF 7

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



HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	LATCH: DEADBOLT:	SIGNATURE SERIES SIGNATURE SERIES (980)
SCHLAGE	LATCH: DEADBOLT:	F51 B60N



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P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
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PRODUCT:
LILY INDUSTRIES CO.
FIBERGLASS DOORS

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	BY
REVISIONS		

DATE: 8/28/24

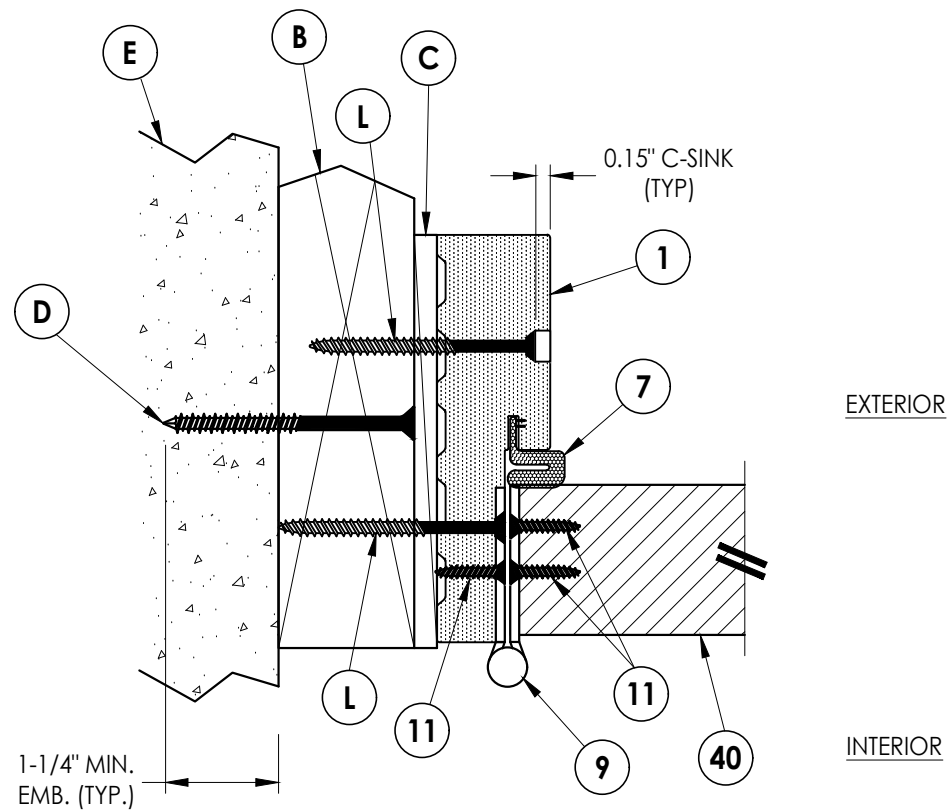
SCALE: N.T.S.

DWG. BY: *LFS*

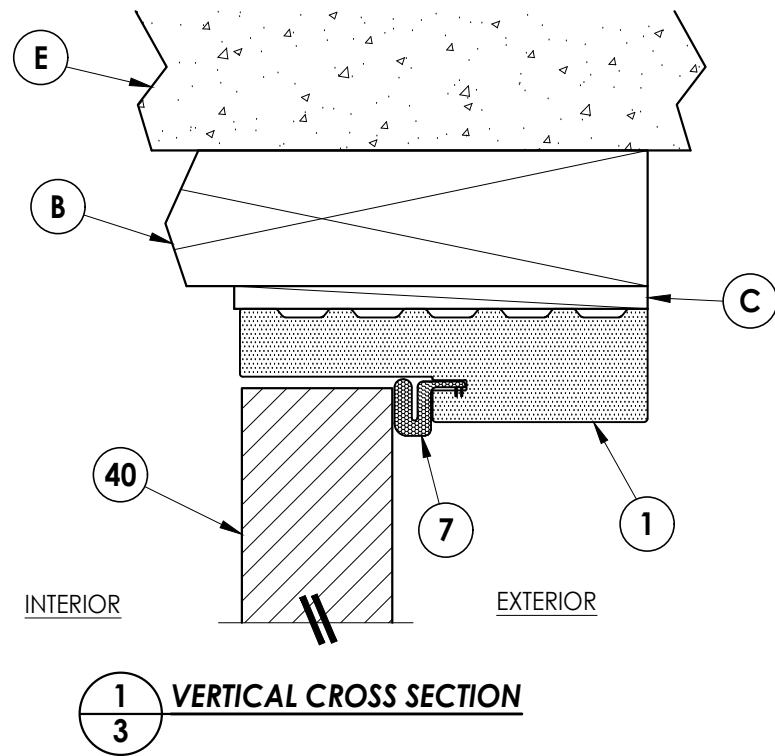
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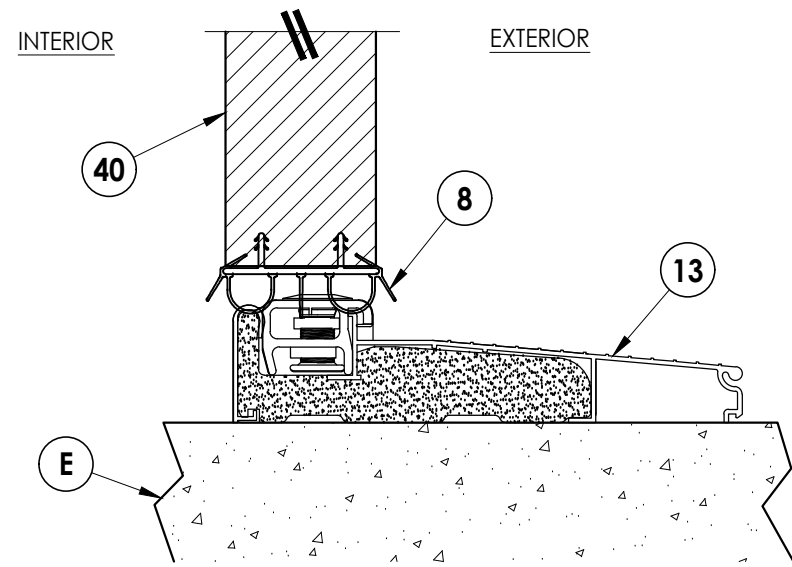
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2 HORIZONTAL CROSS SECTION

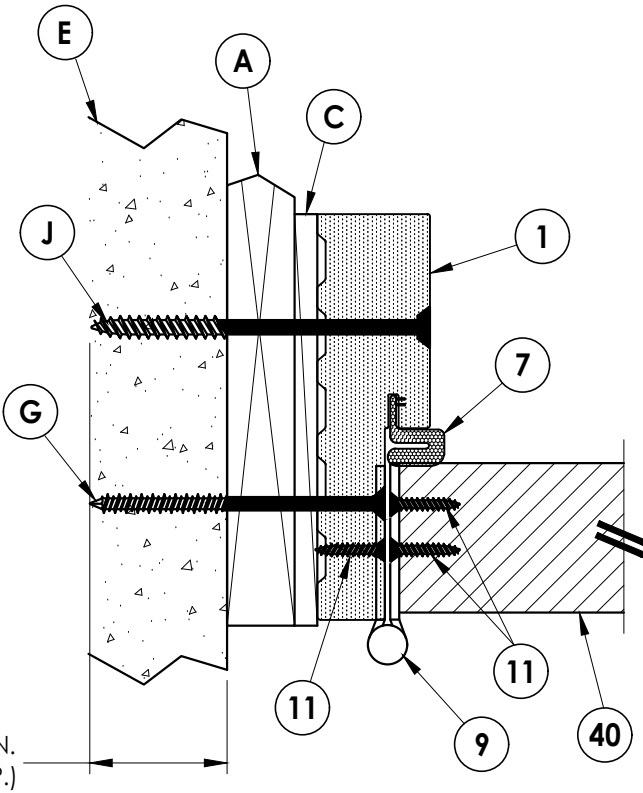


3 **VERTICAL CROSS SECTION**
3 Inswing Threshold

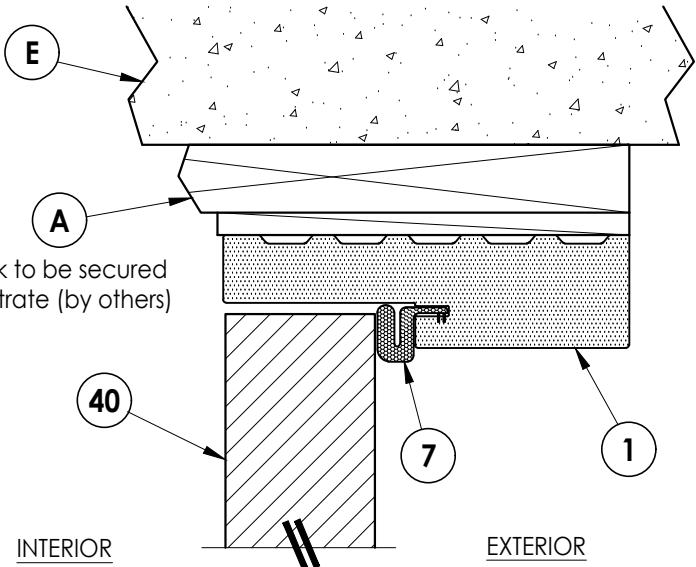
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
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2 **HORIZONTAL CROSS SECTION**
4



1
4 **VERTICAL CROSS SECTION**

DATE:	8/28/24
SCALE:	N.T.S.
DWG. BY:	LFS
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DRAWING NO.:	FL-46938.1
SHEET	4 OF 7

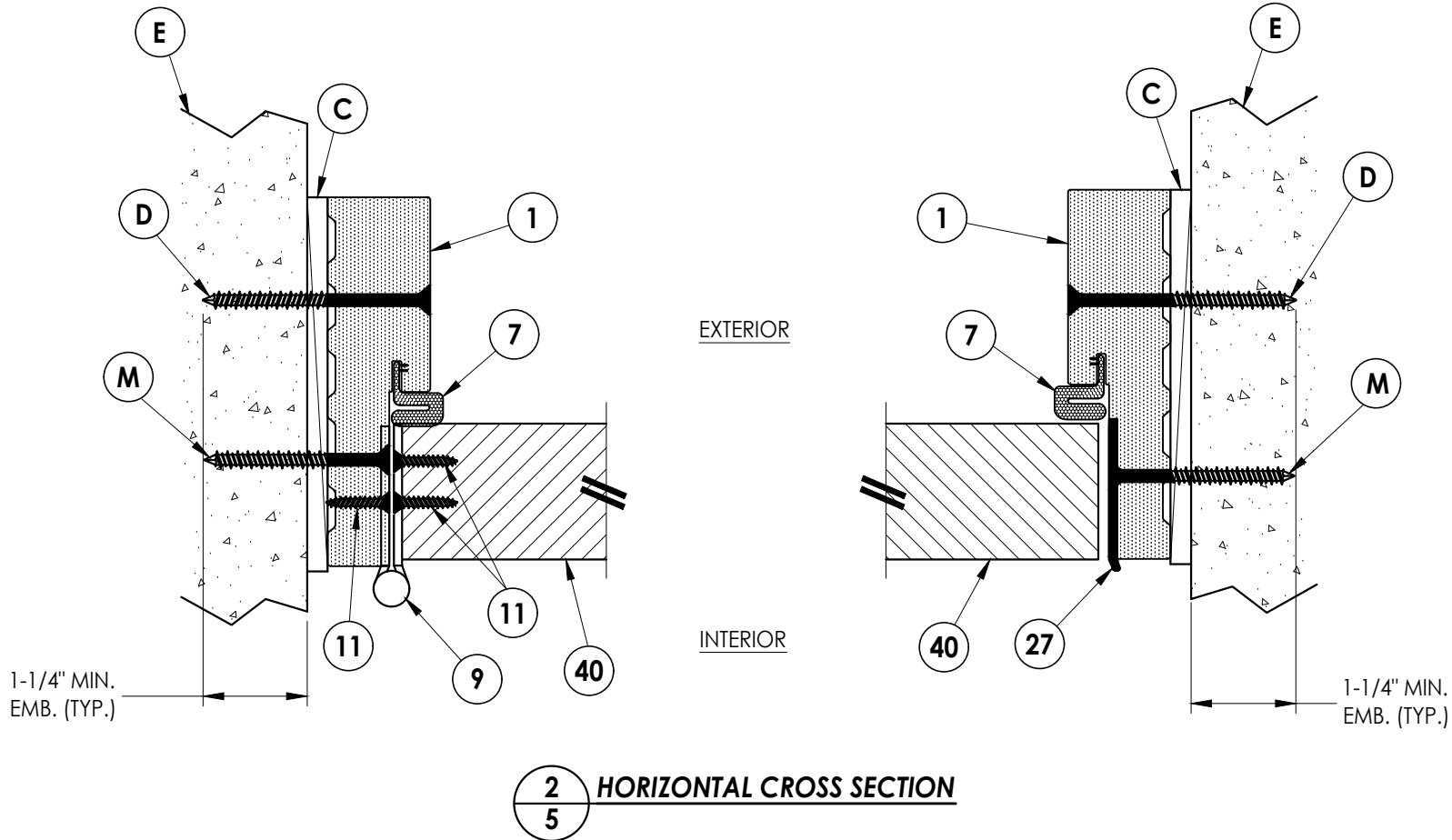
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PRODUCT: LILY INDUSTRIES CO.
FIBERGLASS DOORS

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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

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



PRODUCT: LILY INDUSTRIES CO.
FIBERGLASS DOORS

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

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2X BUCK ANCHORING



FRAME ANCHORING

**KWIKSET HARDWARE**

SCHLAGE HARDWARE

HINGE DETAIL

SHEET 6 OF 7

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P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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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
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
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4" HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
13	INSWING THRESHOLD	ALUM/COMP
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
31	#8 X 1/2" PFH WOOD SCREW	STEEL
40	FIBERGLASS DOOR PANEL	-

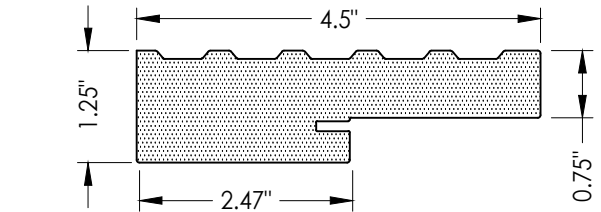
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

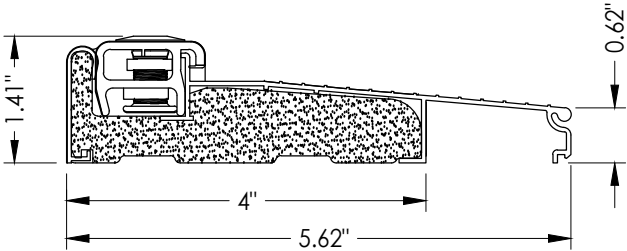
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT® ULTRA CON+	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

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



1 COMPOSITE JAMB



13 INSWING THRESHOLD

[illegible]