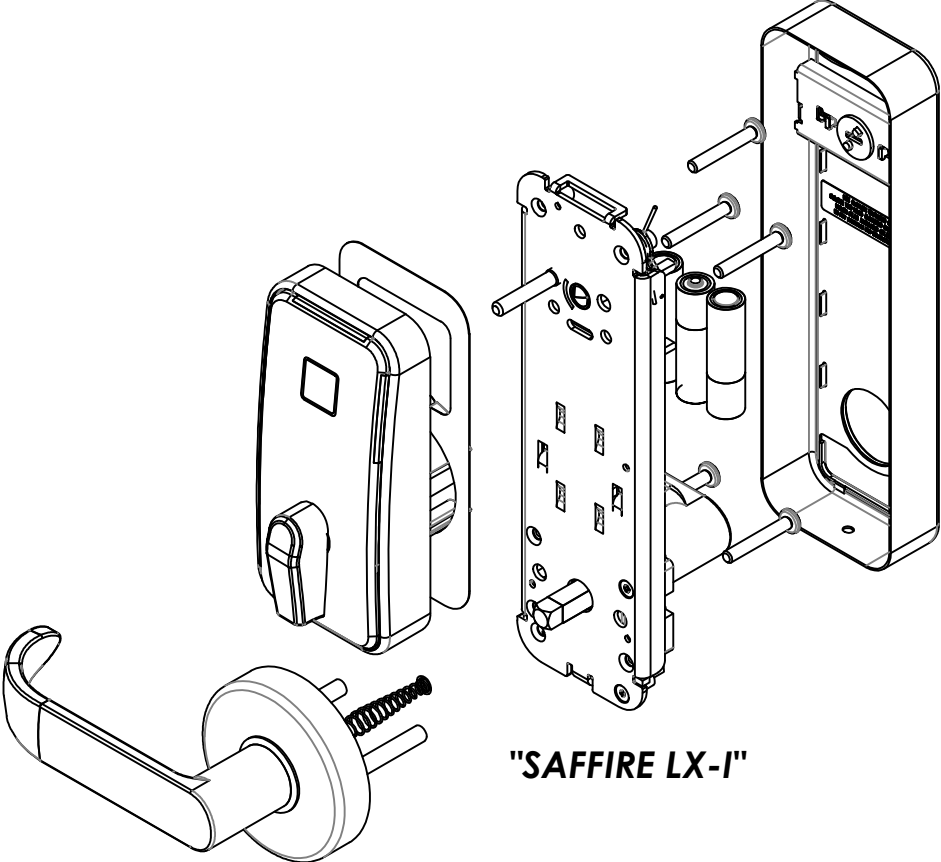
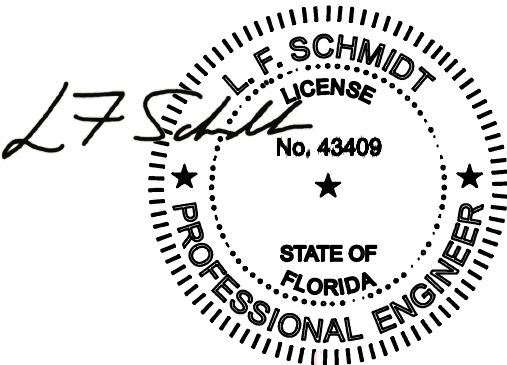




"SAFFIRE LX-I" SERIES
INTERCONNECTED
ELECTRONIC LOCK
in a
FIBERGLASS DOOR
OUTSWING
"IMPACT"



"SAFFIRE LX-I"



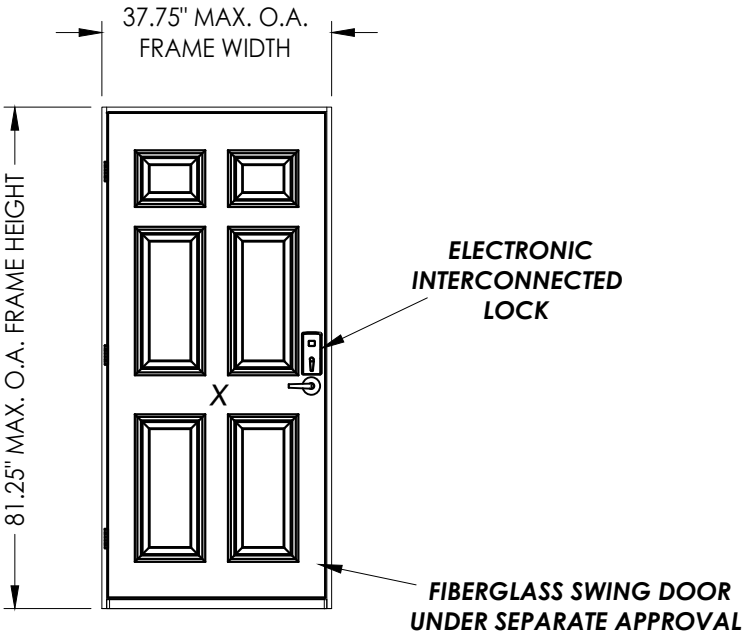
Digitally signed by Lyndon F Schmidt
Date: 2026.07.29 12:40:47 -04'00'

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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. When used in the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
3. This product has been tested in the door panels as specified in this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the fiberglass door used must possess a comparable current Florida Statewide product approval. The door panel size and design pressure (DP) rating shall not exceed the sizes and DP ratings shown in this approval or the side hinged swing door approval being used.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. Refer to the separate Florida Product Approval for the swing door used in conjunction with this component approval to determine the ability of the system to meet the water infiltration requirements for the "HVHZ".
6. All steel shall be protected as specified in Section 2222.6 of the FBC.



MAX FRAME DIMENSION	LOCK TYPE	DOOR MATERIAL	DESIGN PRESSURE (PSF)	
			OUTSWING	
			POSITIVE	NEGATIVE
37.75" x 81.25"	ELECTRONIC INTERCONNECTED LATCH & DEADBOLT LOCK	FIBERGLASS	+55.0	-60.0

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Lock details
3	Door panel details

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

dormakaba
ELECTRONIC LOCKS

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

DATE: 12/9/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-13061.15

SHEET 1 OF 3

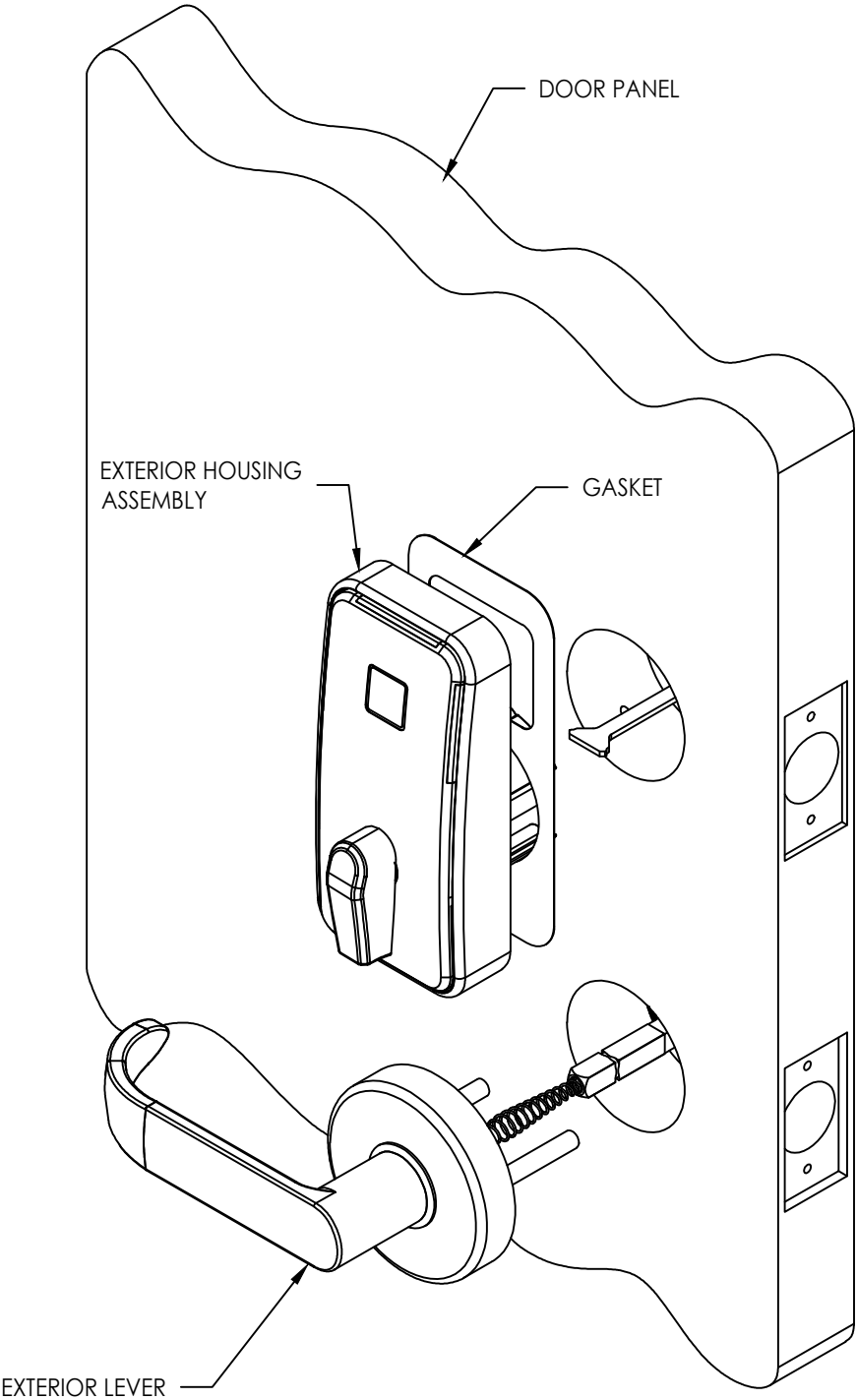
REVISIONS

NO.	DATE	BY
2	7/28/26	LFS
1	8/31/23	LFS

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

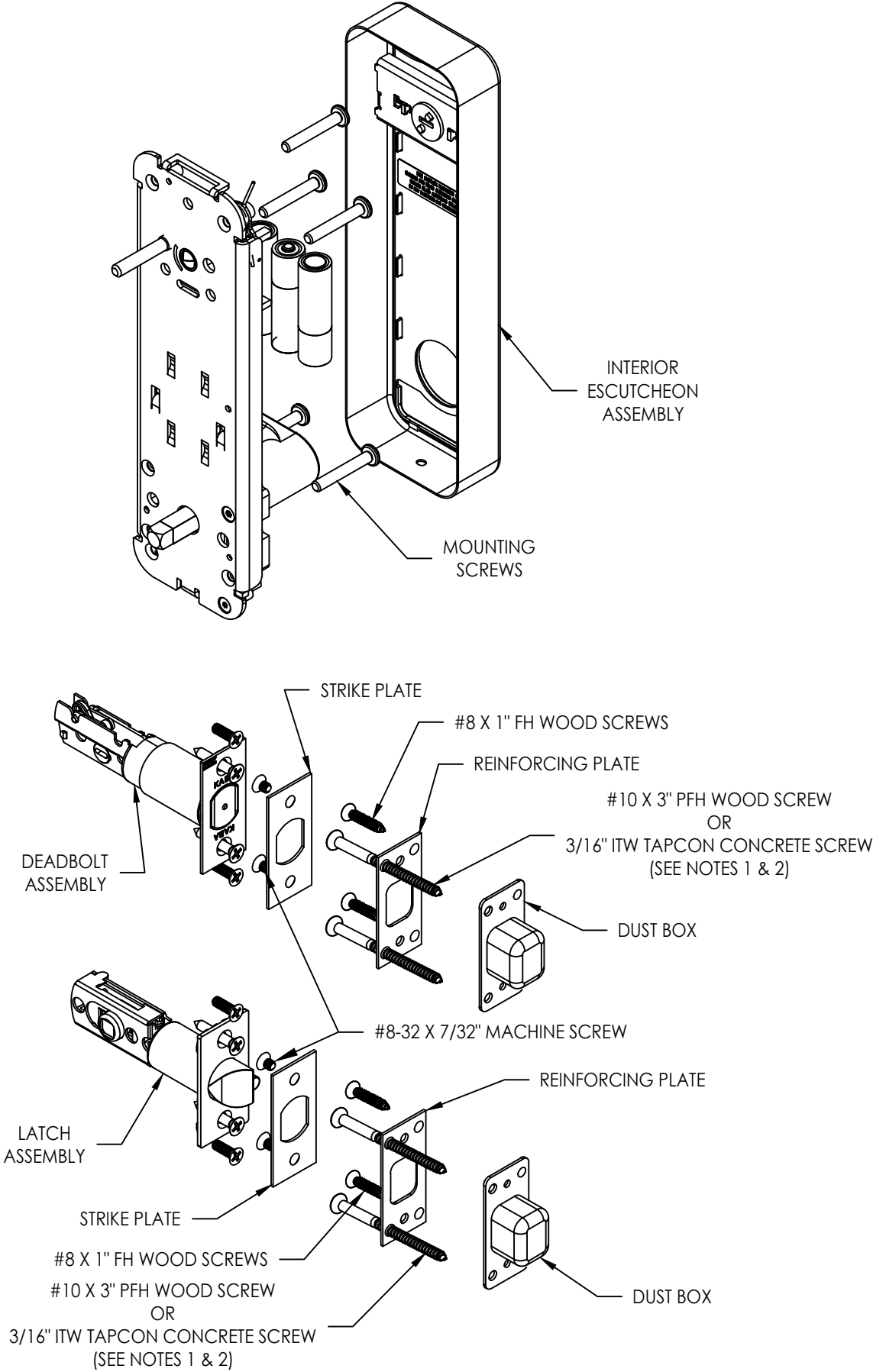
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"SAFFIRE LX-I" SERIES
ELECTRONIC LOCK

NOTES :

1. Wood screw installation requires 2" min. embedment into wood substrate (G $\geq$ 0.55).
2. Concrete screw installation requires 1.25" min. embedment into concrete (conforming to ACI 301, 3000 psi min.) or hollow block (conforming to ASTM C-90) and maintaining a min. 3" edge distance and 1-1/2" min. center-to-center spacing of anchors.



DATE: 12/9/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-13061.15

SHEET 2 OF 3

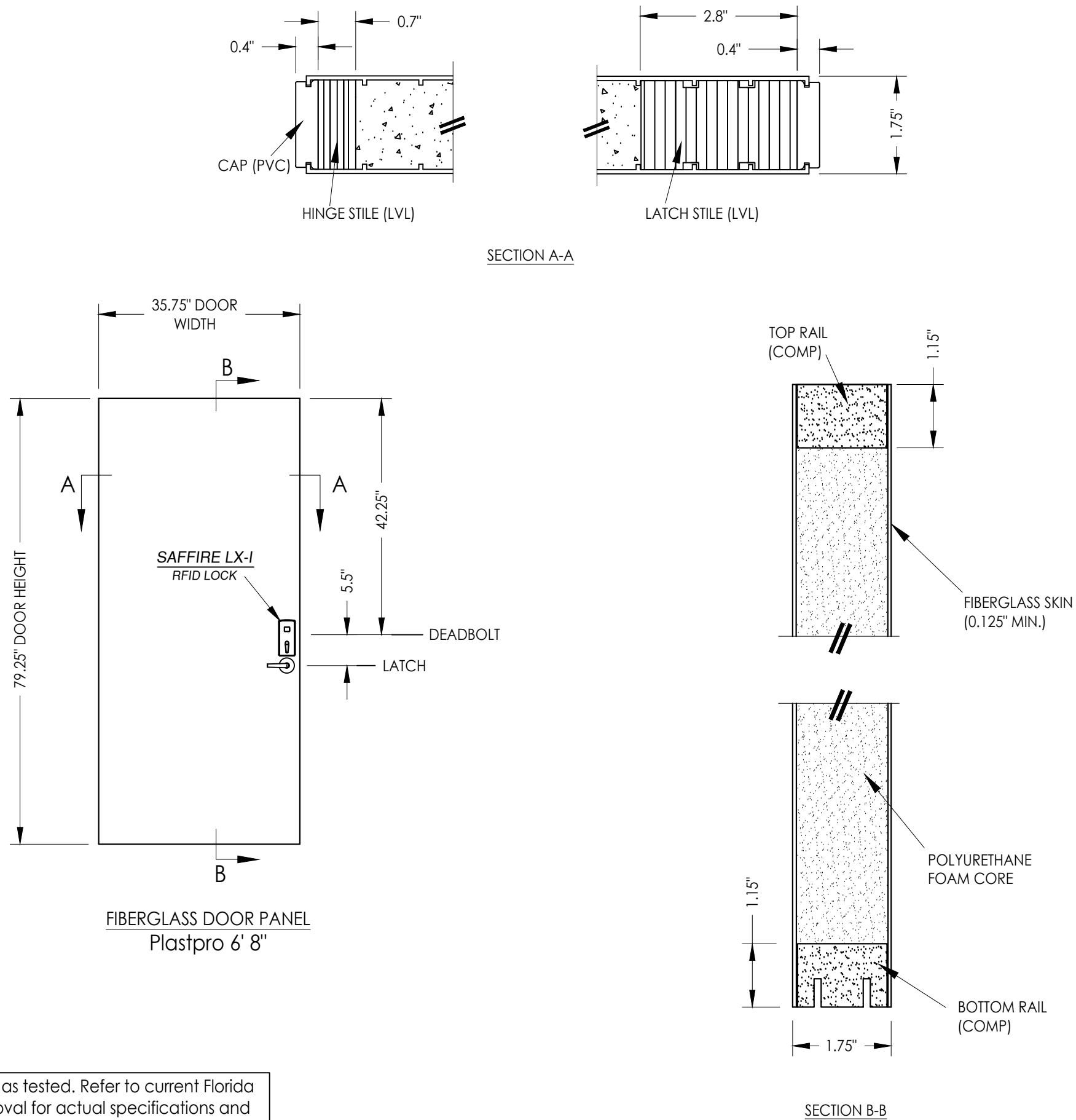
PRODUCT:
dormakaba
ELECTRONIC LOCKS

PART OR ASSEMBLY:
LOCK DETAILS

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NOTE: Door panel shown as tested. Refer to current Florida Statewide Product Approval for actual specifications and installation instructions (See General Note 3, Sheet 1).

[illegible]

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