



"ORACODE 460K & 480i"

"E-PLEX 1505"

"NOVA"

"SAFFIRE LX-D" SERIES

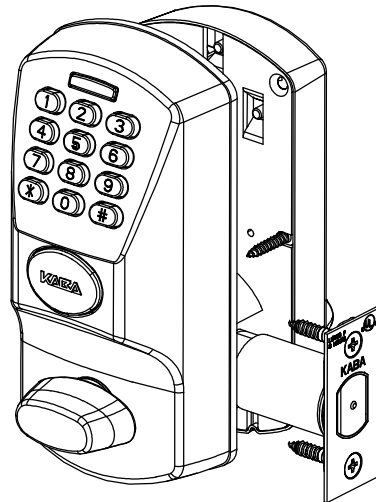
ELECTRONIC LOCK

in a

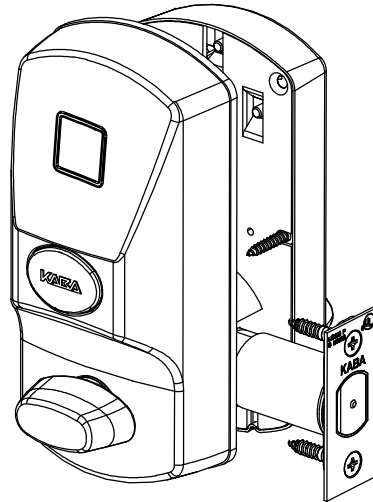
FIBERGLASS DOOR

OUTSWING

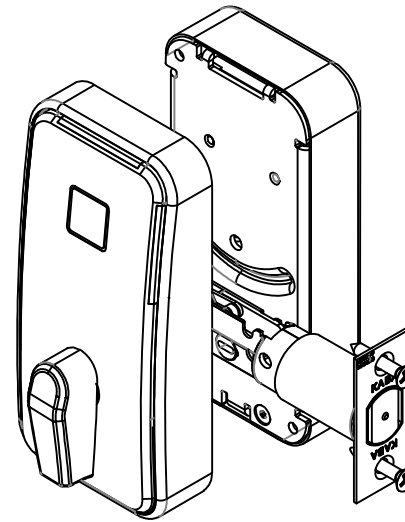
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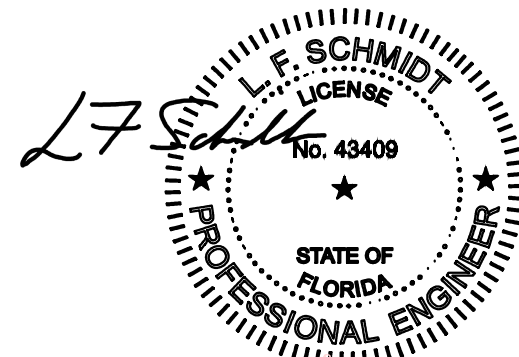
"ORACODE 460K"
"ORACODE 480i"
"E-PLEX 1505"



"NOVA"



"SAFFIRE LX-D"



Digitally signed by Lyndon F Schmidt
Date: 2023.09.27 11:10:52 -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.

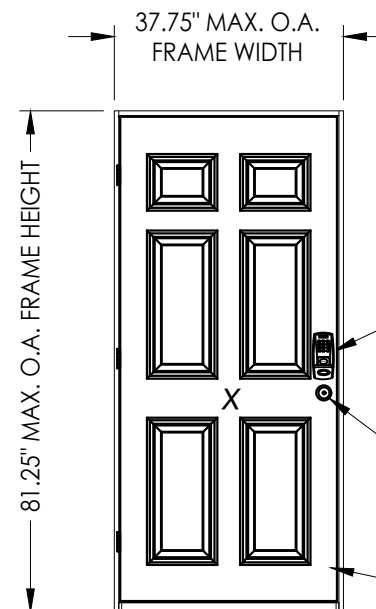
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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.

TABLE OF CONTENTS

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1	Typical elevation, design pressures & general notes
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ELECTRONIC
DEADBOLT LOCK

NOTE: SEE SHEET 5 FOR LATCH
REQUIREMENTS

FIBERGLASS SWING DOOR
UNDER SEPARATE APPROVAL

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

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

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

PRODUCT: dormakaba
ELECTRONIC LOCKS

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

NO.	DATE	REVISIONS
1	8/31/23	UPDATE TO 8TH ED. (2023) FBC
		LFS BY

DATE: 12/9/20

SCALE: N.T.S.

DWG. BY: RW

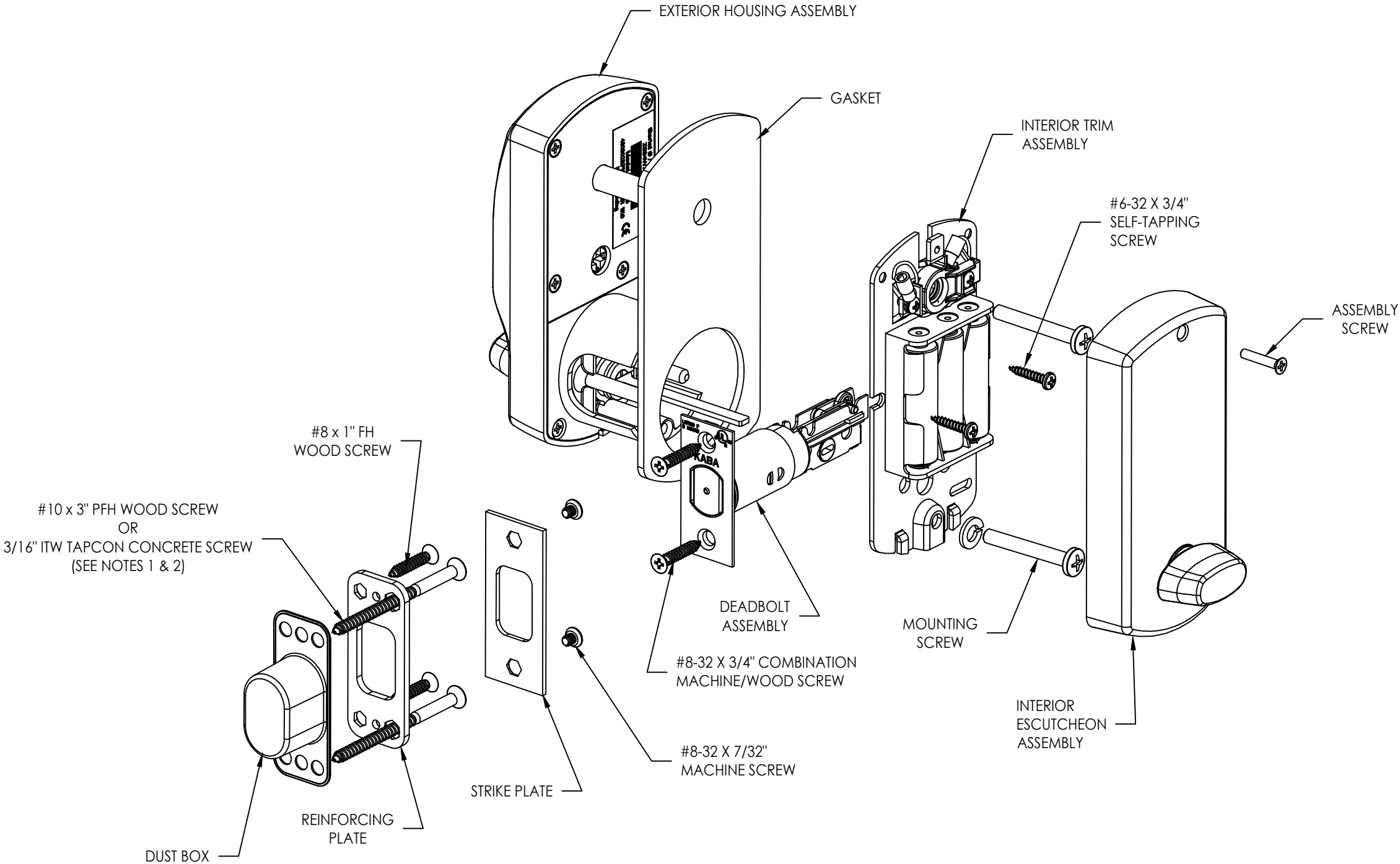
CHK. BY: LFS

DRAWING NO.:

FL-13061.13

SHEET 1 OF 5

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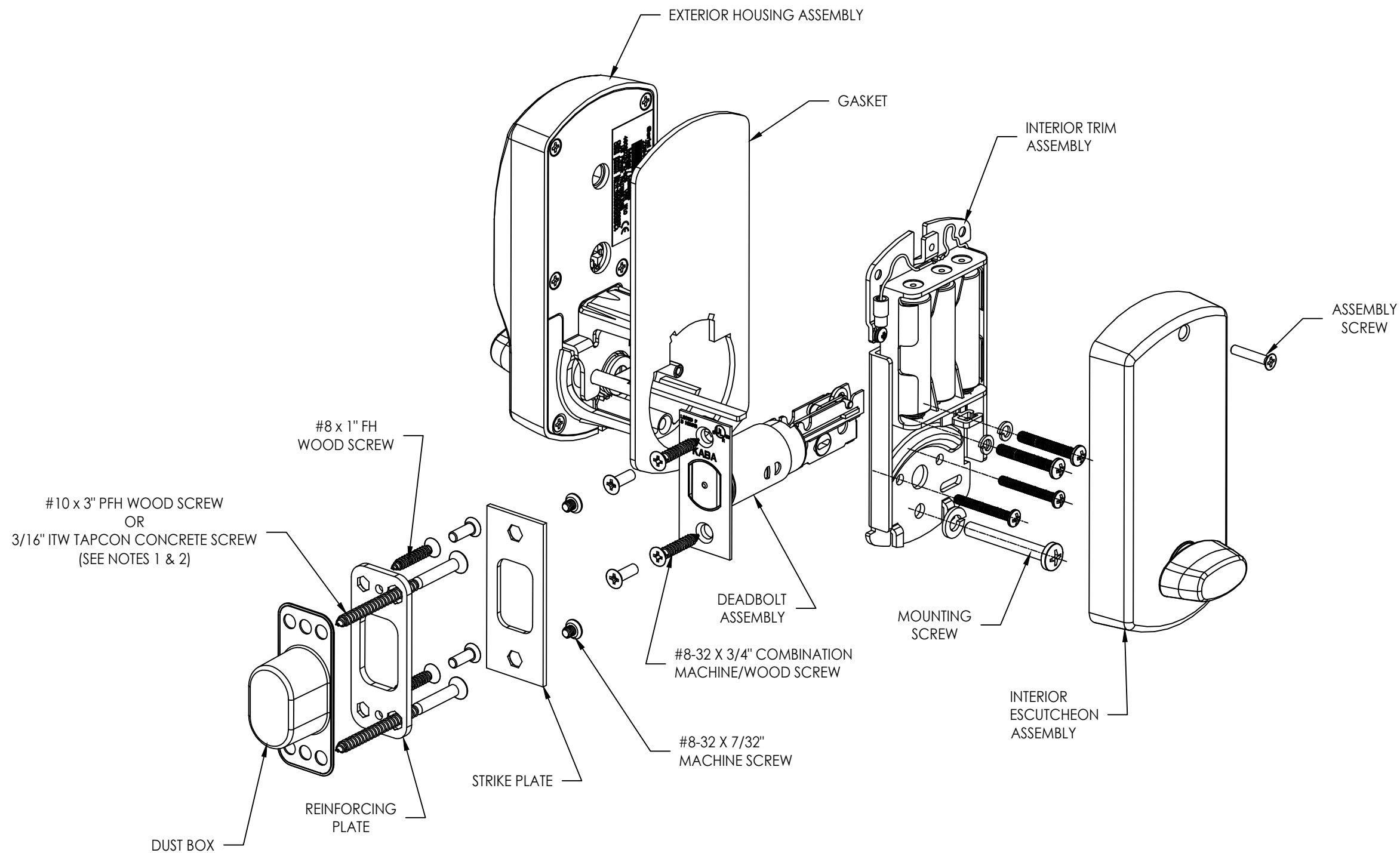


"ORACODE 460K"
ELECTRONIC LOCK

- 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		DWG. BY: RW		DRAWING NO.: FL-13061.13		SHEET 2 OF 5	
SCALE: N.T.S.		CHK. BY: LFS		PART OR ASSEMBLY: LOCK DETAILS		PART OR ASSEMBLY: ELECTRONIC LOCKS	
NO. 1		8/31/23		UPDATE TO 8TH ED. (2023)		FBC	
NO.		DATE		BY		LFS	
REVISIONS							

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"ORACODE 480i", "E-PLEX 1505" & "NOVA" 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.

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FBPE Registry No. 9813

PRODUCT:
dormakaba
ELECTRONIC LOCKS

PART OR ASSEMBLY:
LOCK DETAILS

NO.	DATE	UPDATE TO	8TH ED. (2023)	FBC	REVISIONS	
					LFS	BY
1	8/31/23	DATE				

DATE: 12/9/20

SCALE: N.T.S.

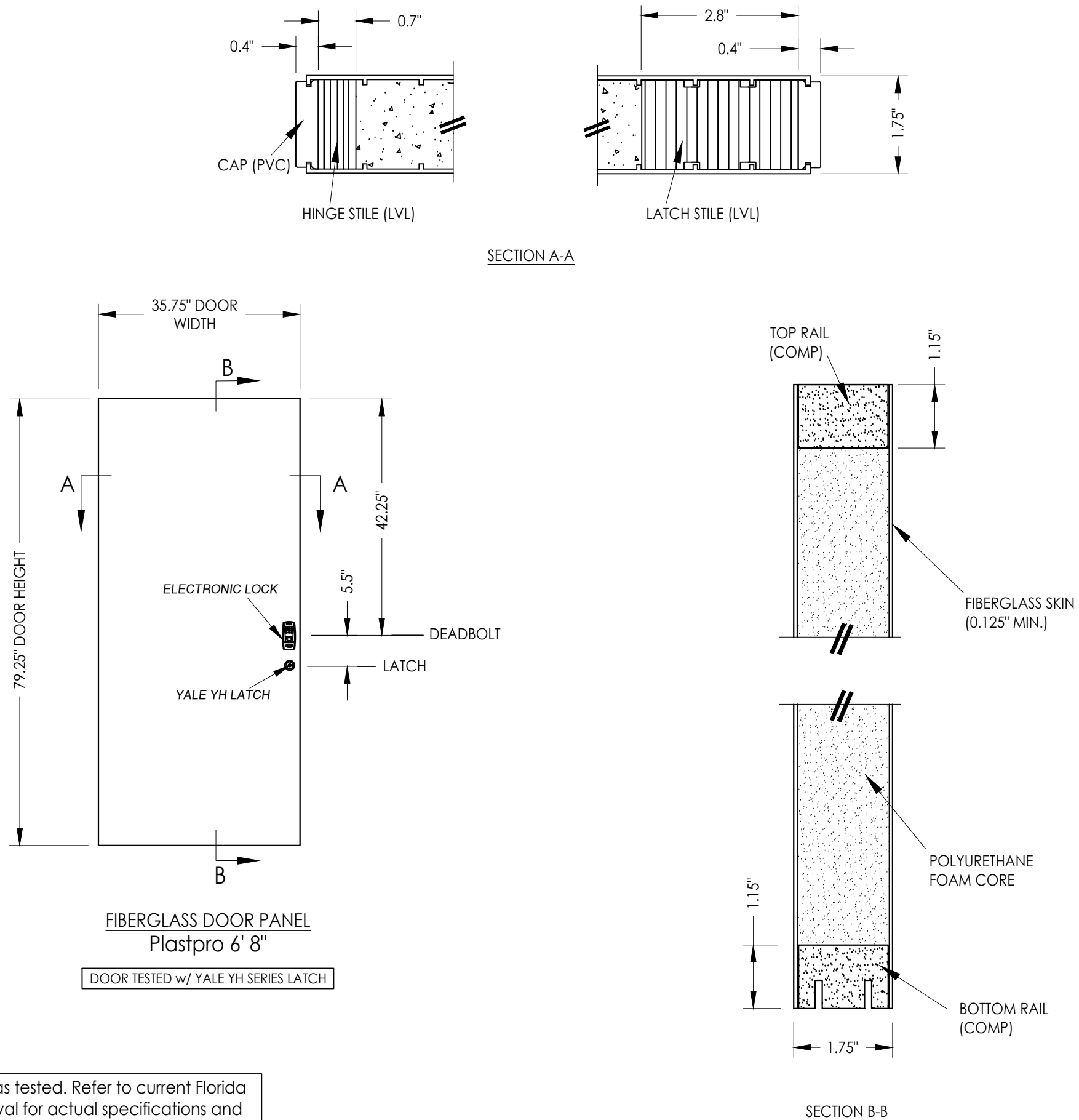
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-13061.13

SHEET 3 OF 5



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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