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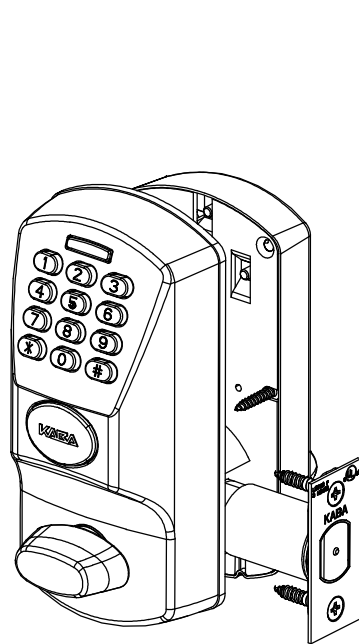
"ORACODE 460K & 480i"
"E-PLEX 1505"
"NOVA"
"SAFFIRE LX-D" SERIES

ELECTRONIC LOCK
in a
FIBERGLASS OR STEEL DOOR
INSWING / OUTSWING
"IMPACT"

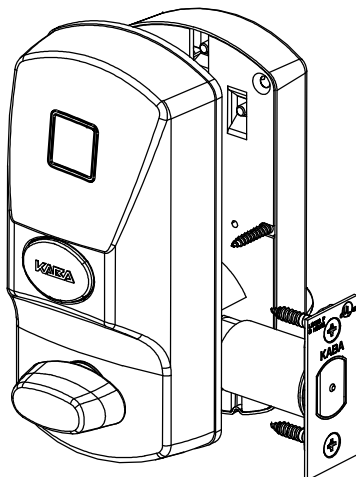
GENERAL NOTES

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. 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 includes Wind Zone 4 as defined in ASTM E 1996.
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 steel or 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.

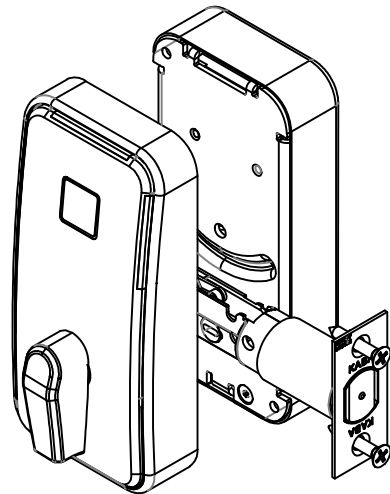
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Lock details
3	Lock details
4	Lock details
5	Door panel details



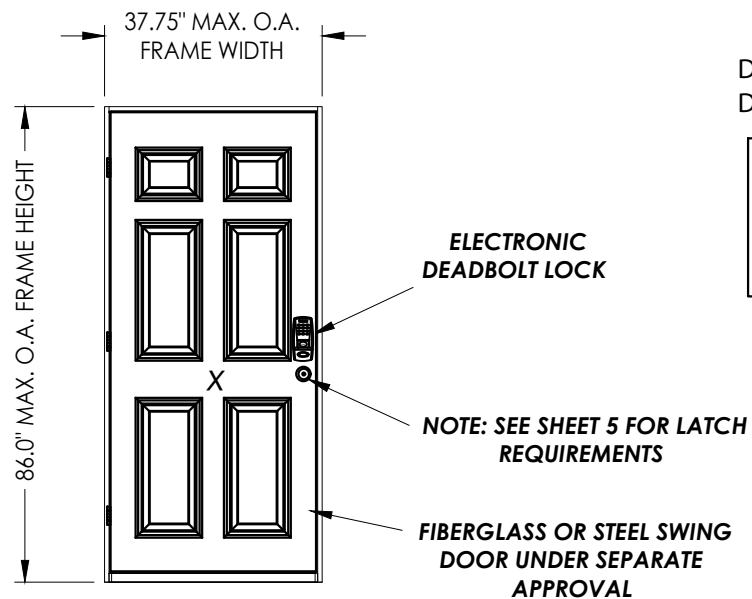
"ORACODE 460K"
"ORACODE 480i"
"E-PLEX 1505"



"NOVA"

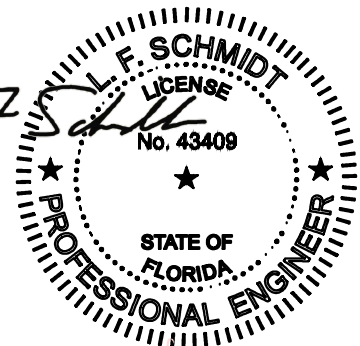


"SAFFIRE LX-D"



MAX FRAME DIMENSION	LOCK TYPE	DOOR MATERIAL	DESIGN PRESSURE (PSF)			
			INSWING		OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
37.75" x 86.0"	ELECTRONIC DEADBOLT LOCK	FIBERGLASS	+55.0	-65.0	+55.0	-55.0
		STEEL (STEEL EDGE)	+55.0	-65.0	+55.0	-55.0
		STEEL (WOOD EDGE)	N/A	N/A	+55.0	-55.0

N/A - Not applicable



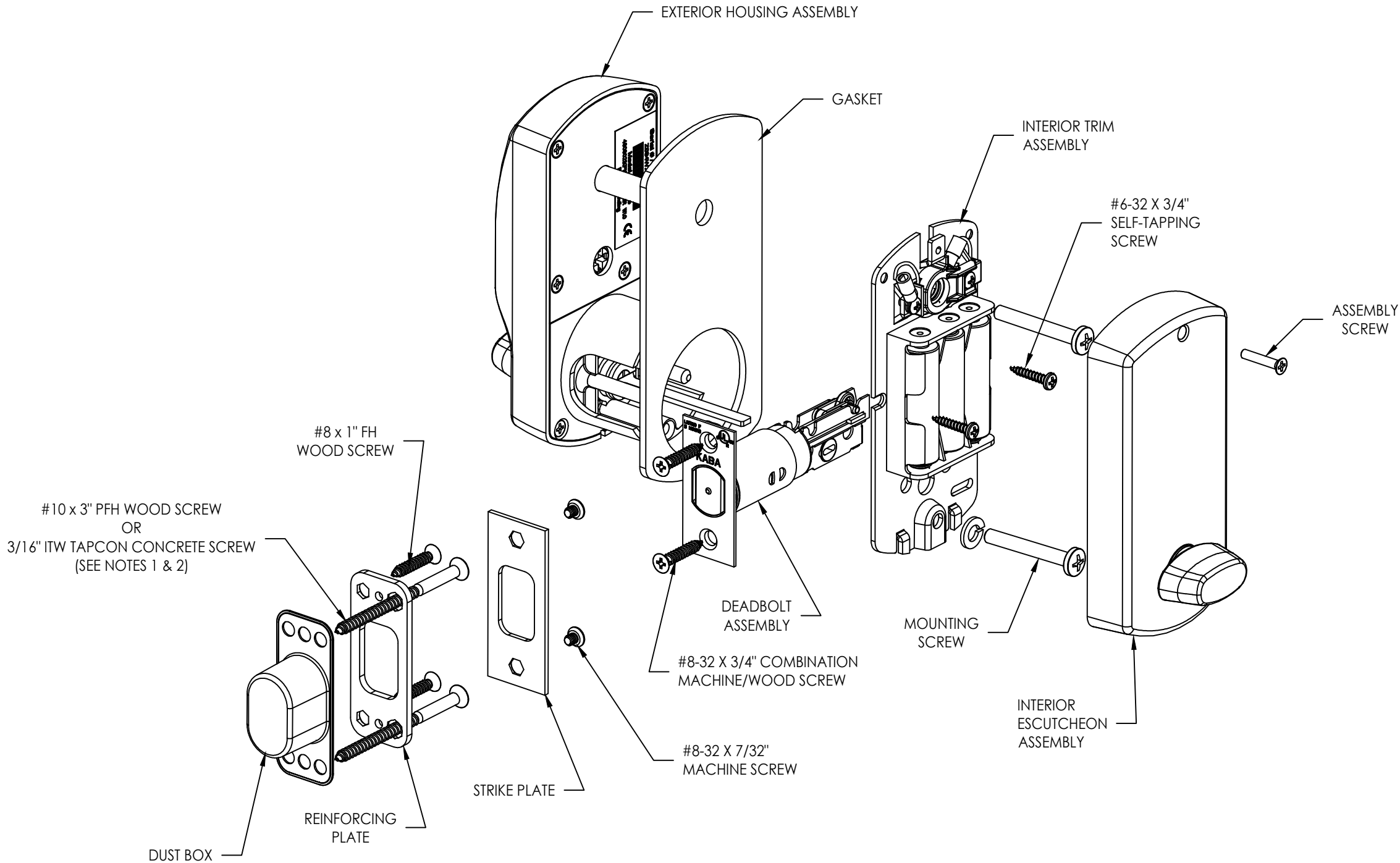
Digitally signed by Lyndon F Schmidt
Date: 2026.07.29 12:31:55 -04'00'

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

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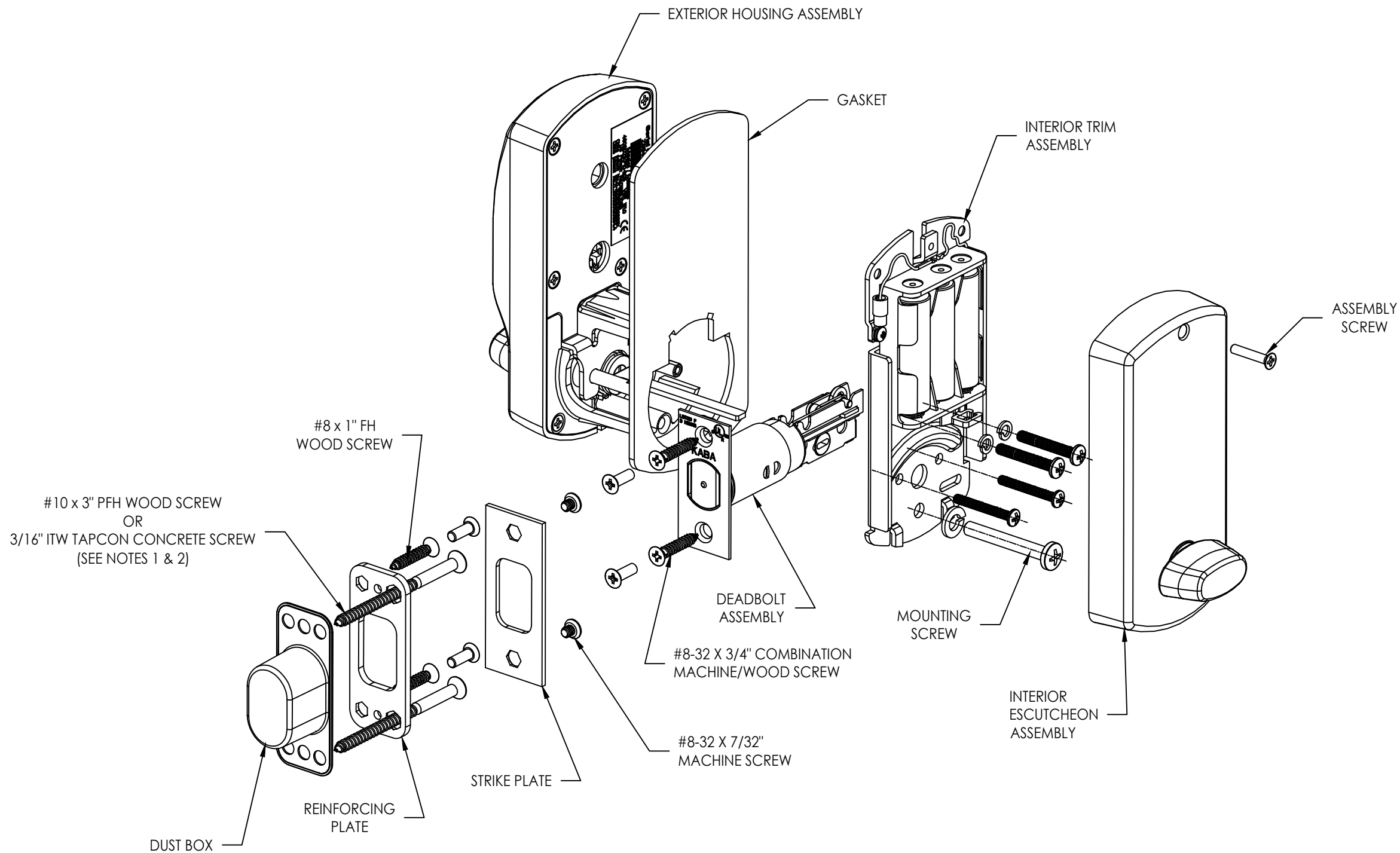
"ORACODE 460K"
ELECTRONIC LOCK

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.

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: dormakaba ELECTRONIC LOCKS		PART OR ASSEMBLY: LOCK DETAILS		
7	7/28/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
6	8/31/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	9/28/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
4	4/17/19	ADD ADDITIONAL LOCK SERIES	LFS	LFS
3	12/18/17	ADD ADDITIONAL LOCK SERIES	JK	JK
NO.	DATE	REVISIONS		
DATE: 2/14/12				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-13061.9				
SHEET 2 OF 5				

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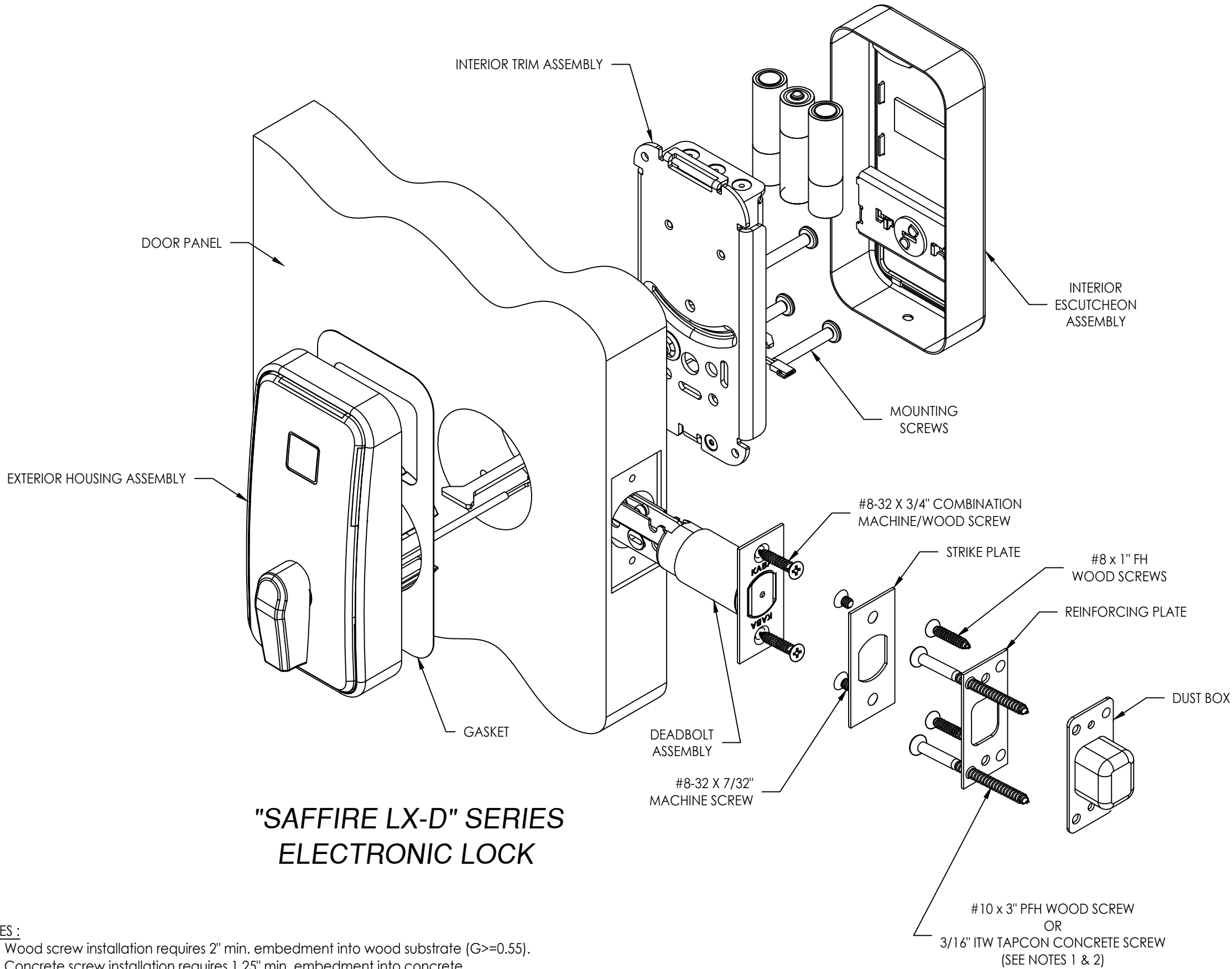


- NOTES :
1. Wood screw installation requires 2" min. embedment into wood substrate ($G \geq 0.55$).
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"ORACODE 480i", "E-PLEX 1505" & "NOVA" SERIES
ELECTRONIC LOCK

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PRODUCT: dormakaba ELECTRONIC LOCKS		PART OR ASSEMBLY: LOCK DETAILS	
7	7/28/26	UPDATE TO 9TH ED. (2026) FBC	LFS
6	8/31/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	9/28/20	UPDATE TO 7TH ED. (2020) FBC	LFS
4	4/17/19	ADD ADDITIONAL LOCK SERIES	LFS
3	12/18/17	ADD ADDITIONAL LOCK SERIES	JK
NO.	DATE	REVISIONS	
DATE: 2/14/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-13061.9			
SHEET 3 OF 5			

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NOTES :

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NO.	DATE	REVISIONS
7	7/28/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	8/31/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	9/28/20	UPDATE TO 7TH ED. (2020) FBC LFS
4	4/17/19	ADD ADDITIONAL LOCK SERIES LFS
3	12/18/17	ADD ADDITIONAL LOCK SERIES JK
NO.	DATE	BY

DATE: 2/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-13061.9

SHEET 4 OF 5

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

PRODUCT:
dormakaba
ELECTRONIC LOCKS

NO.	DATE	REVISIONS
7	7/28/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	8/31/23	UPDATE TO 8TH ED. (2023) FBC LFS
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3	12/18/17	ADD ADDITIONAL LOCK SERIES JK
NO.	DATE	BY

DATE: 2/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

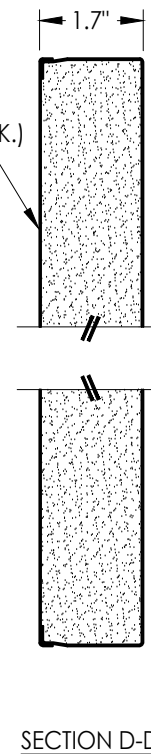
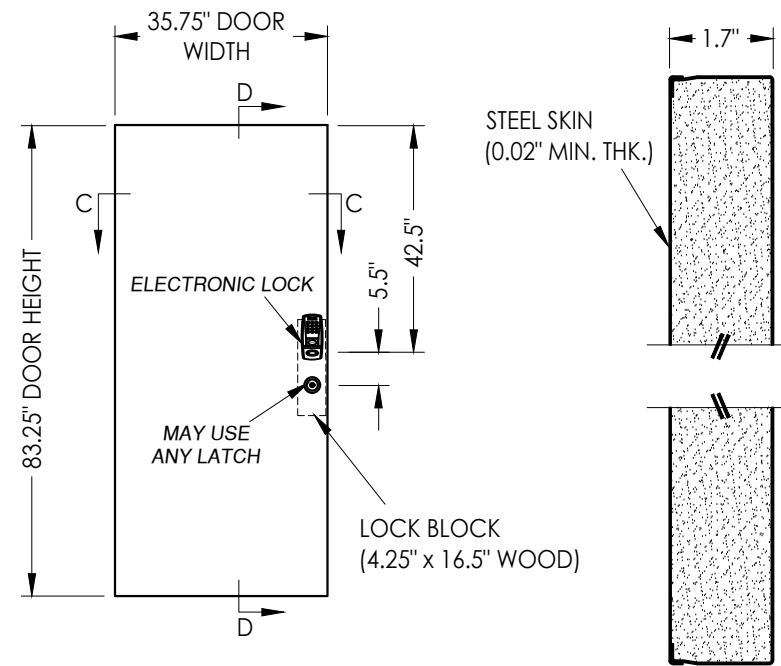
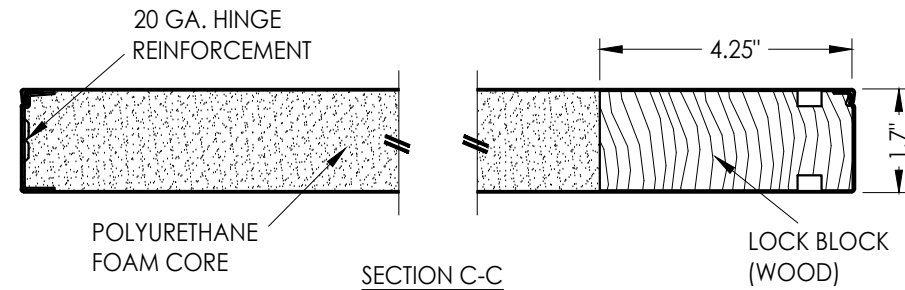
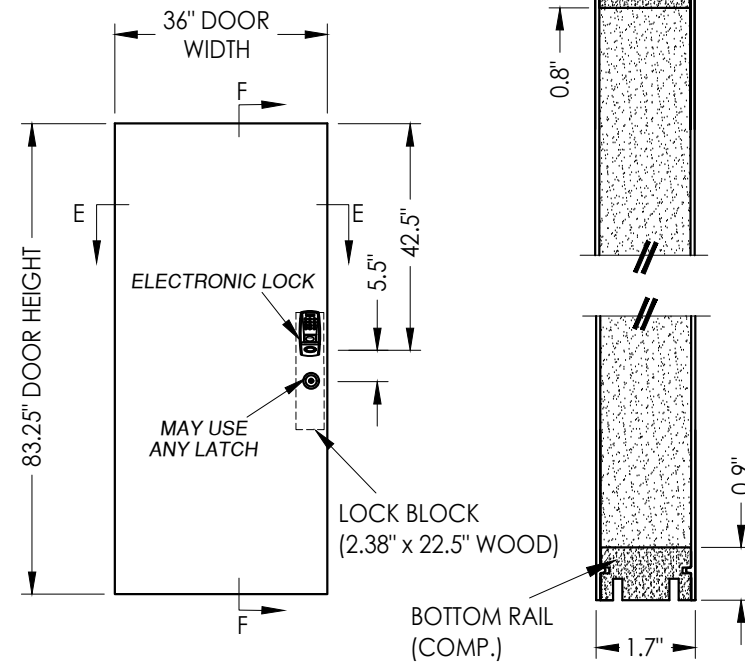
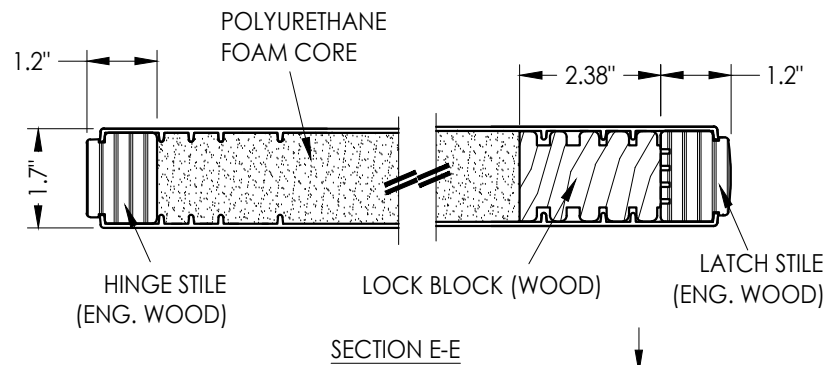
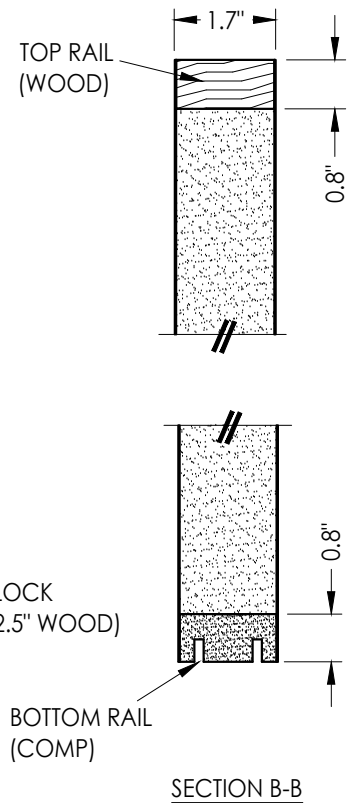
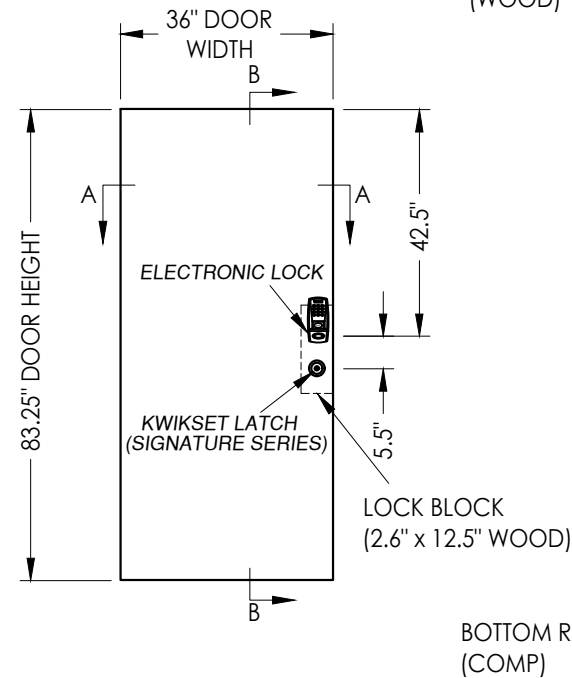
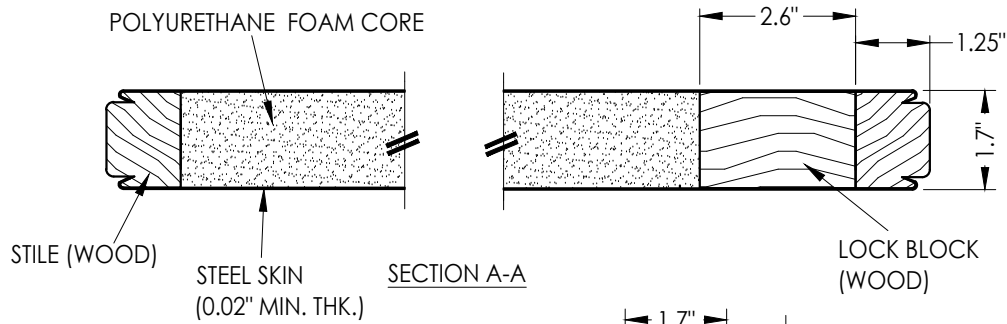
DRAWING NO.:

FL-13061.9

SHEET 4 OF 5

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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

DOOR TESTED WITHOUT LATCH - MAY USE ANY LATCH

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

PRODUCT:
dormakaba
ELECTRONIC LOCKS

NO.	DATE	REVISIONS			
		BY	JK	LFS	FBC
7	7/28/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
6	8/31/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
5	9/28/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
4	4/17/19	ADD ADDITIONAL LOCK SERIES			
3	12/18/17	ADD ADDITIONAL LOCK SERIES			

DATE: 6/4/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-13061.9

SHEET 5 OF 5

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