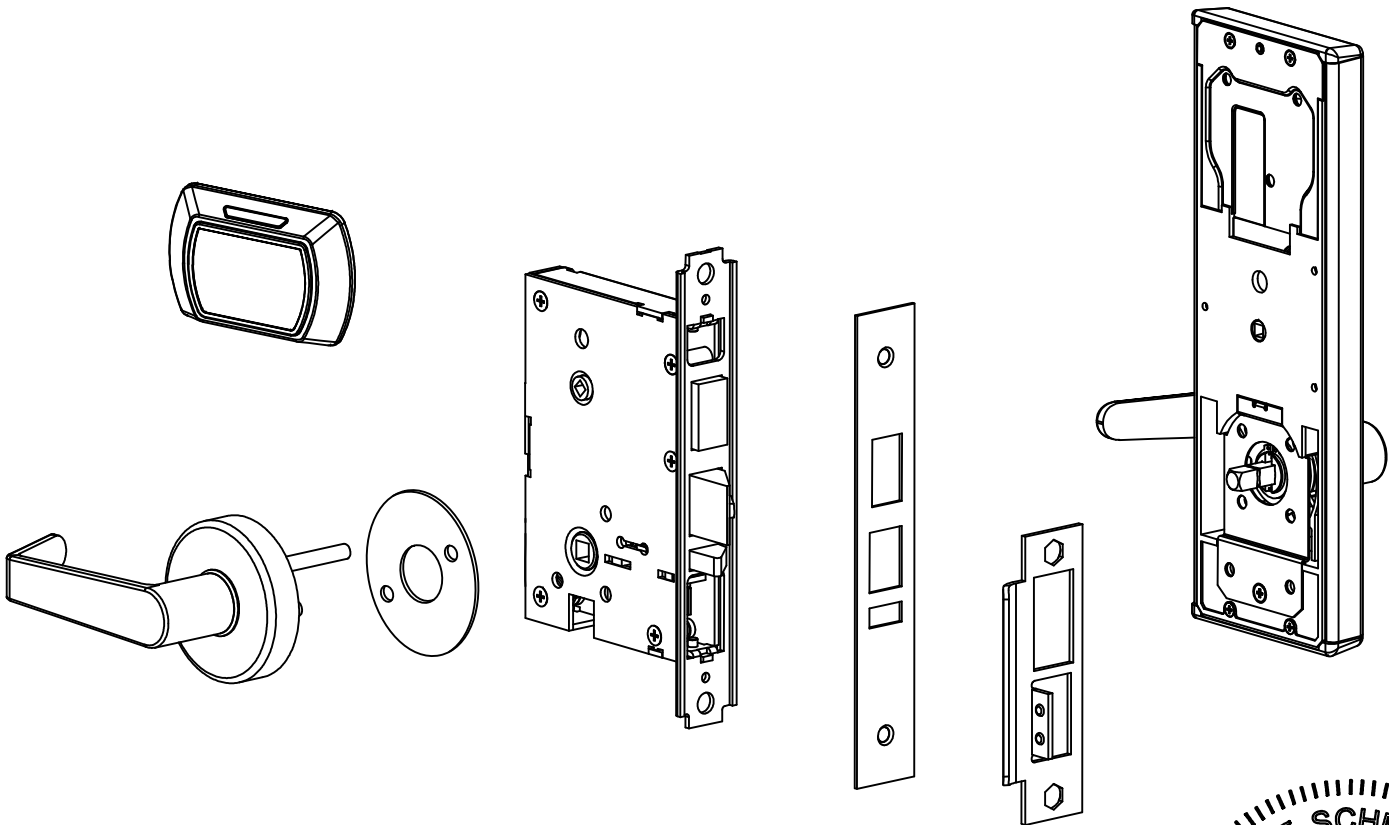




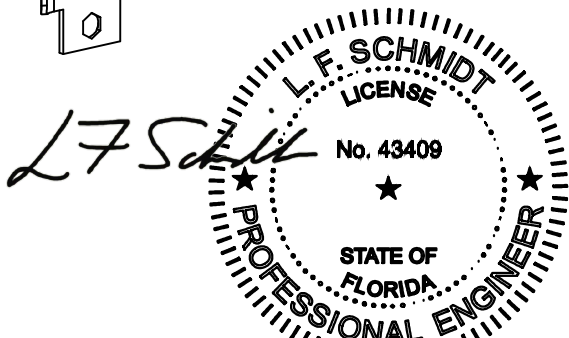
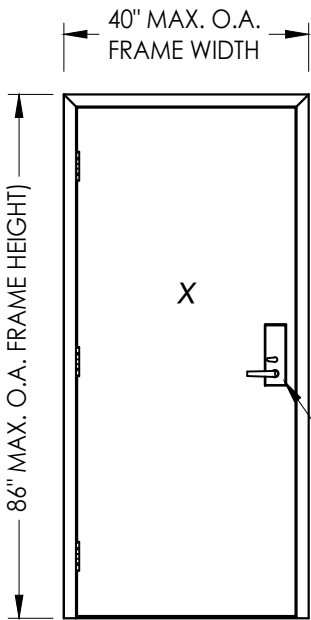
"QUANTUM™ SERIES"
ELECTRONIC MORTISE LOCK
in a
STEEL COMMERCIAL DOOR
INSWING / OUTSWING
"IMPACT"



GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements 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. When used in areas outside of the "HVHZ" 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.
4. 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 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 steel side hinged swing door approval being used.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product does not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
7. All steel shall be protected as specified in Section 2222.6 of the FBC.

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



Digitally signed by Lyndon F Schmidt
Date: 2026.07.29 12:40:07 -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	LOCK TYPE	DESIGN PRESSURE (PSF)	
			INSWING / OUTSWING	
			POSITIVE	NEGATIVE
SINGLE	40.0" x 86.0"	"QUANTUM™ SERIES" ELECTRONIC MORTISE LOCK	+90.0	-90.0

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

PRODUCT:
dormakaba
MORTISE LOCK

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

6	7/28/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	8/31/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	9/19/22	ADD RFID CARD READER OPTIONS	LFS
3	9/28/20	UPDATE TO 7TH ED. (2020) FBC & REVISE DRAWING NUMBER	LFS
NO.	DATE		BY
			REVISIONS

DATE: 2/14/12

SCALE: N.T.S.

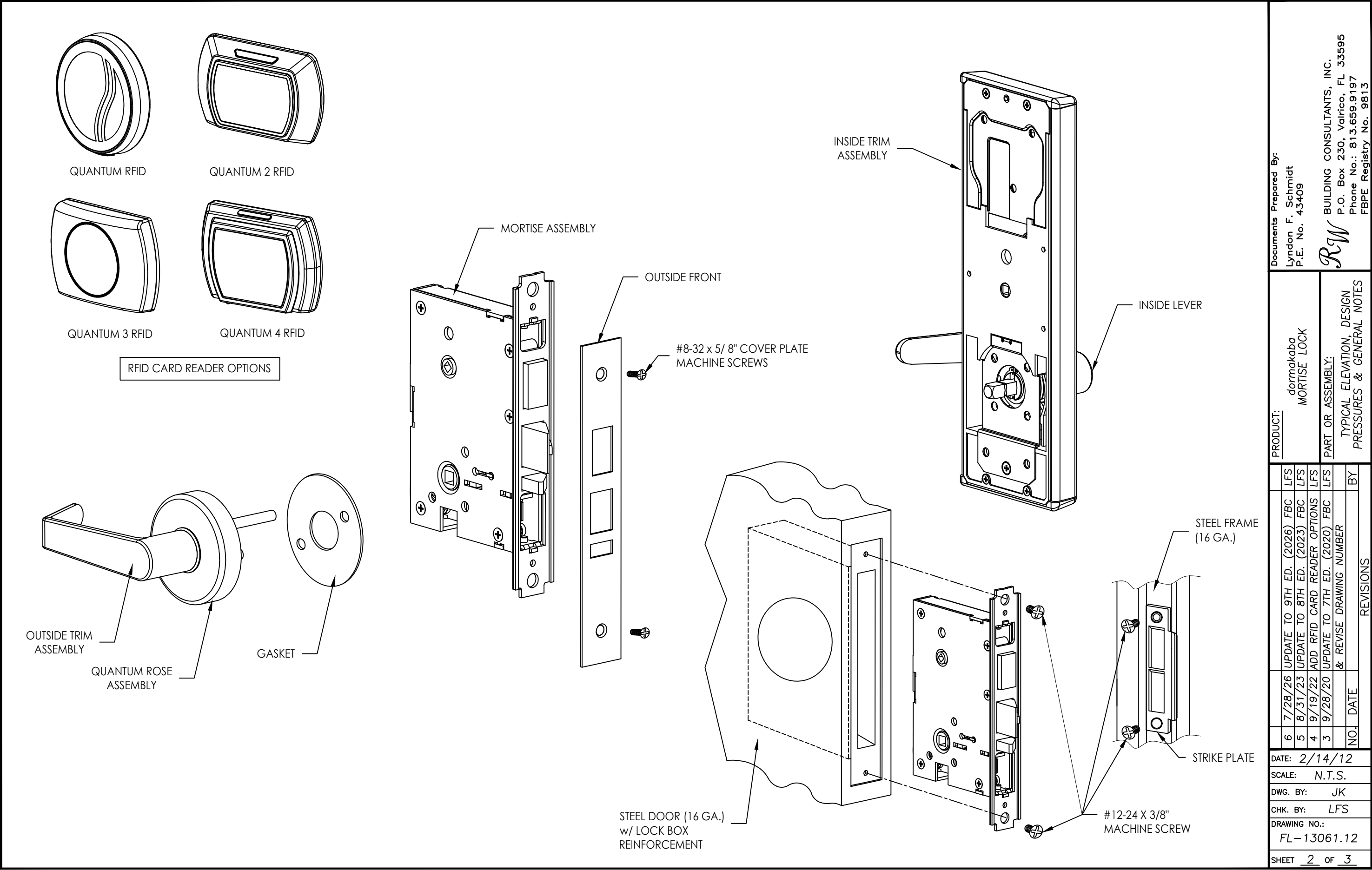
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-13061.12

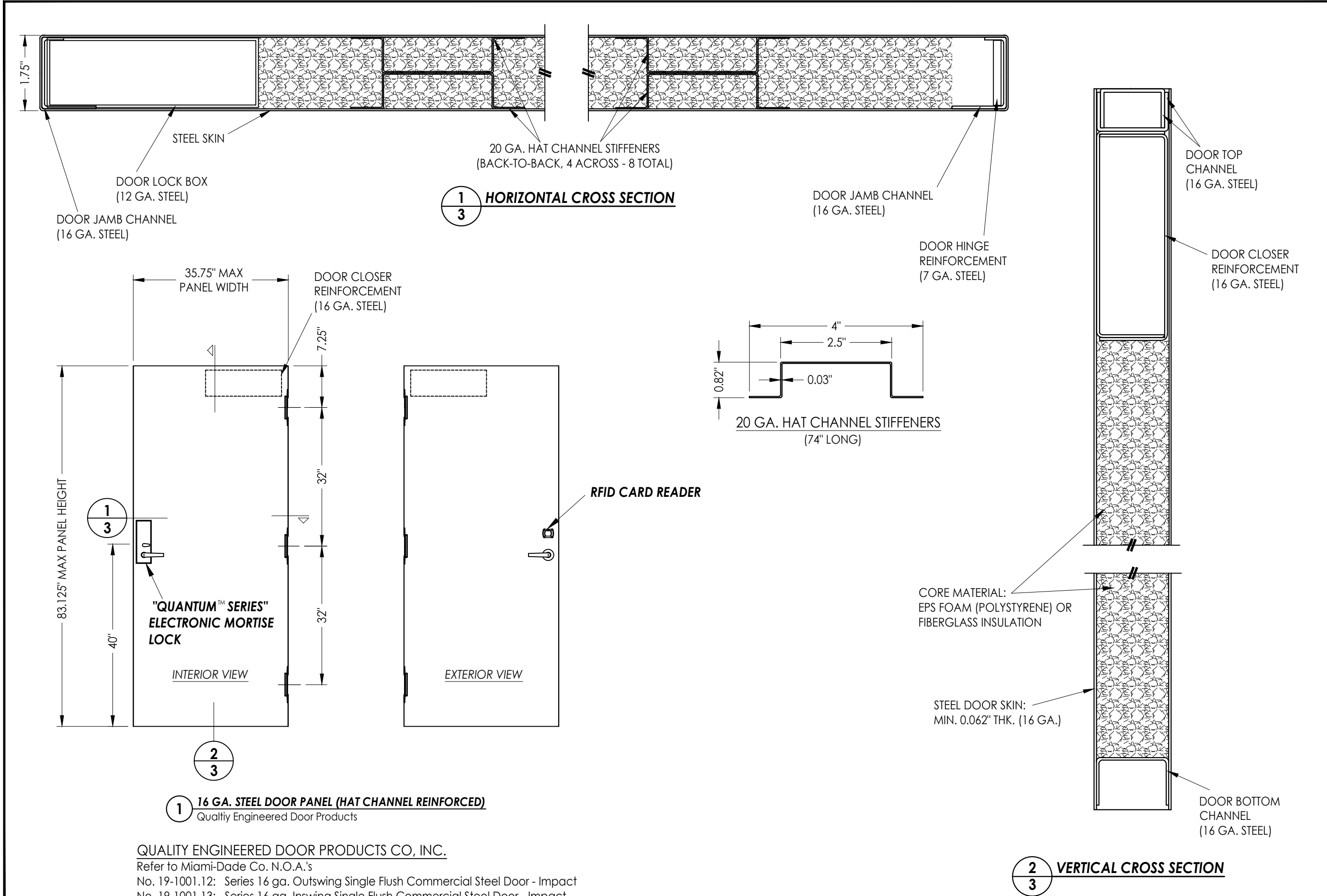
SHEET 1 OF 3

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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: dormakaba MORTISE LOCK				PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			
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5	8/31/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
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		& REVISE DRAWING NUMBER					
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SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-13061.12							
SHEET 2 OF 3							

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				REVISIONS			
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DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-13061.12							
SHEET 3 OF 3							