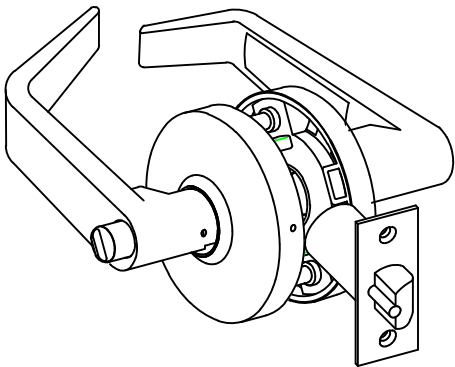


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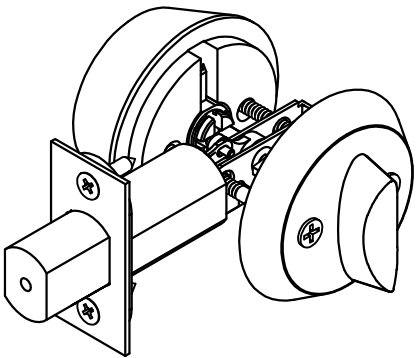
DORMA

Dorma Drive, Drawer AC
Reamstown, PA 17567

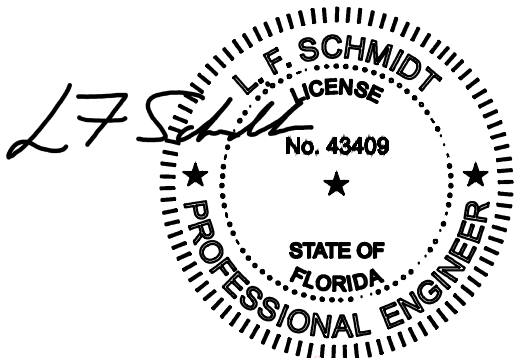
"C800 SERIES" CYLINDRICAL LOCK &
"DB600 SERIES" DEADBOLT
in a
STEEL COMMERCIAL DOOR
INSWING / OUTSWING
"IMPACT"



"C800 SERIES" Cylindrical Lock



"DB600 SERIES" Deadbolt



Digitally signed by Lyndon F Schmidt
Date: 2023.09.26 15:06:06 -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 Florida Building Code and does not require an impact resistant covering.
3. When used in areas outside the "HVHZ" requiring wind borne debris protection, this product complies with FBC Section 1609.1.2 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 and FBC Section 1609.1.2.2.
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. When used in the "HVHZ", all steel shall be protected as specified in FBC Section 2222.6.

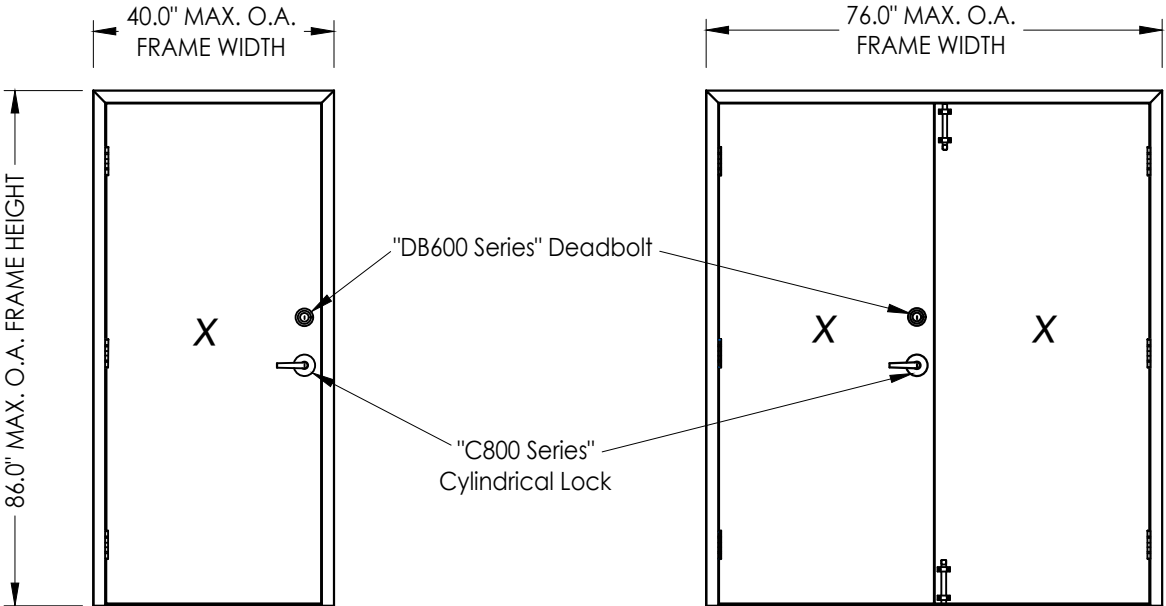
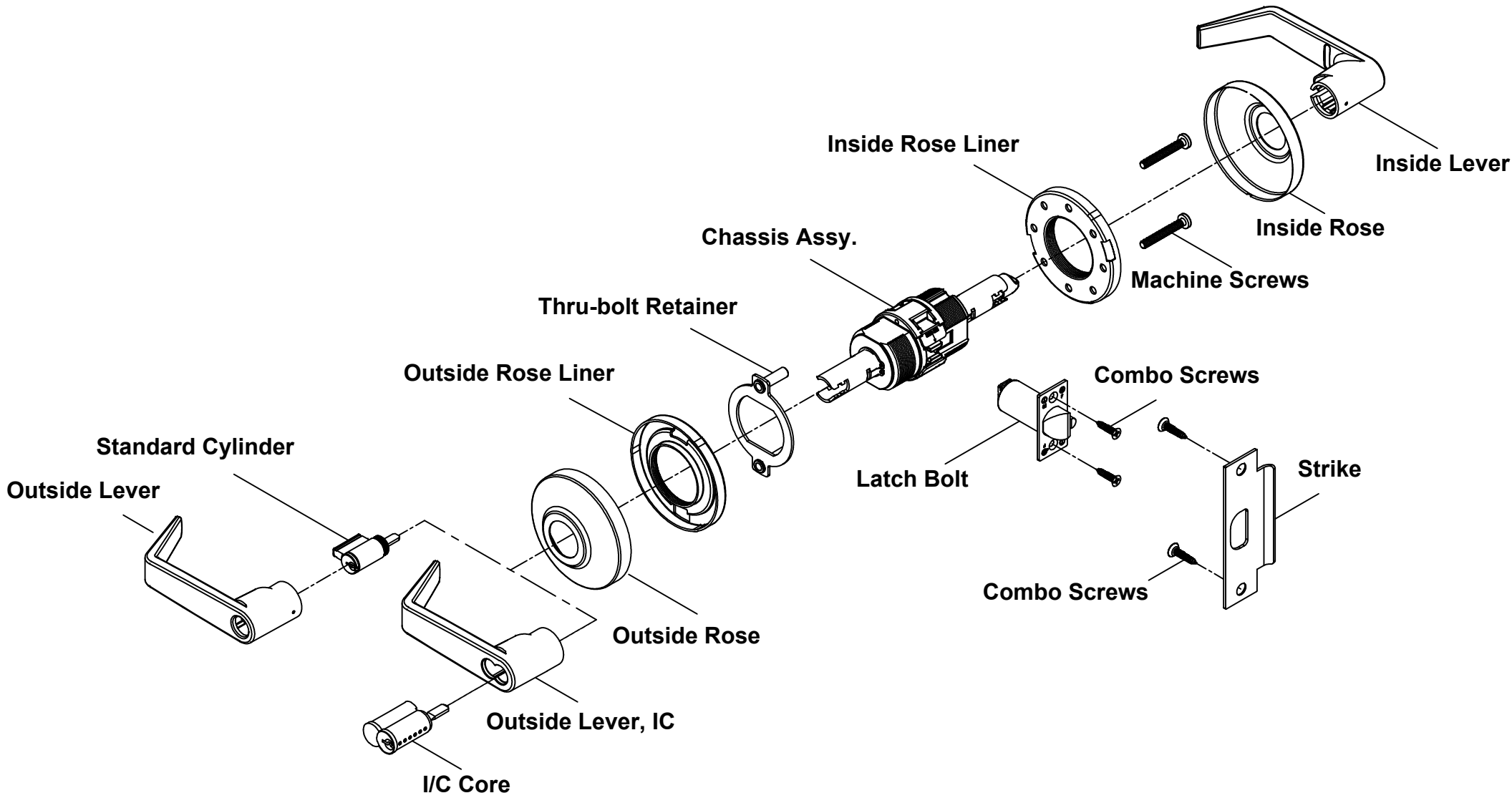


TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	C800 SERIES cylindrical lock details
3	DB600 SERIES deadbolt details
4	Door panel & strike plate details

CONFIGURATION	MAX FRAME DIMENSION	LOCK & DEADBOLT TYPE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
SINGLE	40.0" x 86.0"	"C800 SERIES" Cylindrical Lock & "DB600 SERIES" Deadbolt	+80.0	-80.0	+80.0	-80.0
DOUBLE	76.0" x 86.0"	(DORMA)	+55.0	-60.0	+55.0	-55.0

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: DORMA		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
4	8/31/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	9/28/20	UPDATE TO 7TH ED. (2020)	FBC LFS
2	7/26/17	UPDATE TO 6TH ED. (2017)	FBC LFS
1	3/18/15	UPDATE TO 5TH ED. (2014)	FBC LFS
NO.	DATE		BY
REVISIONS			
DATE: 11/20/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16734.2			
SHEET 1 OF 4			

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"C800 SERIES" Cylindrical Lock

DATE: 11/20/13	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-16734.2	
SHEET 2	OF 4

NO.	DATE	REVISIONS
4	8/31/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/28/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/26/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/18/15	UPDATE TO 5TH ED. (2014) FBC LFS

PRODUCT:	DORMA
PART OR ASSEMBLY:	C800 SERIES CYLINDRICAL LOCK DETAILS

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


BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
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Exterior Housing & Cylinder

Strike
Screws

Deadbolt Latch

Mount Plate

Machine Screws

Thumb Turn

Machine Screws

"DB600 SERIES" Deadbolt

DATE: 11/20/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-16734.2

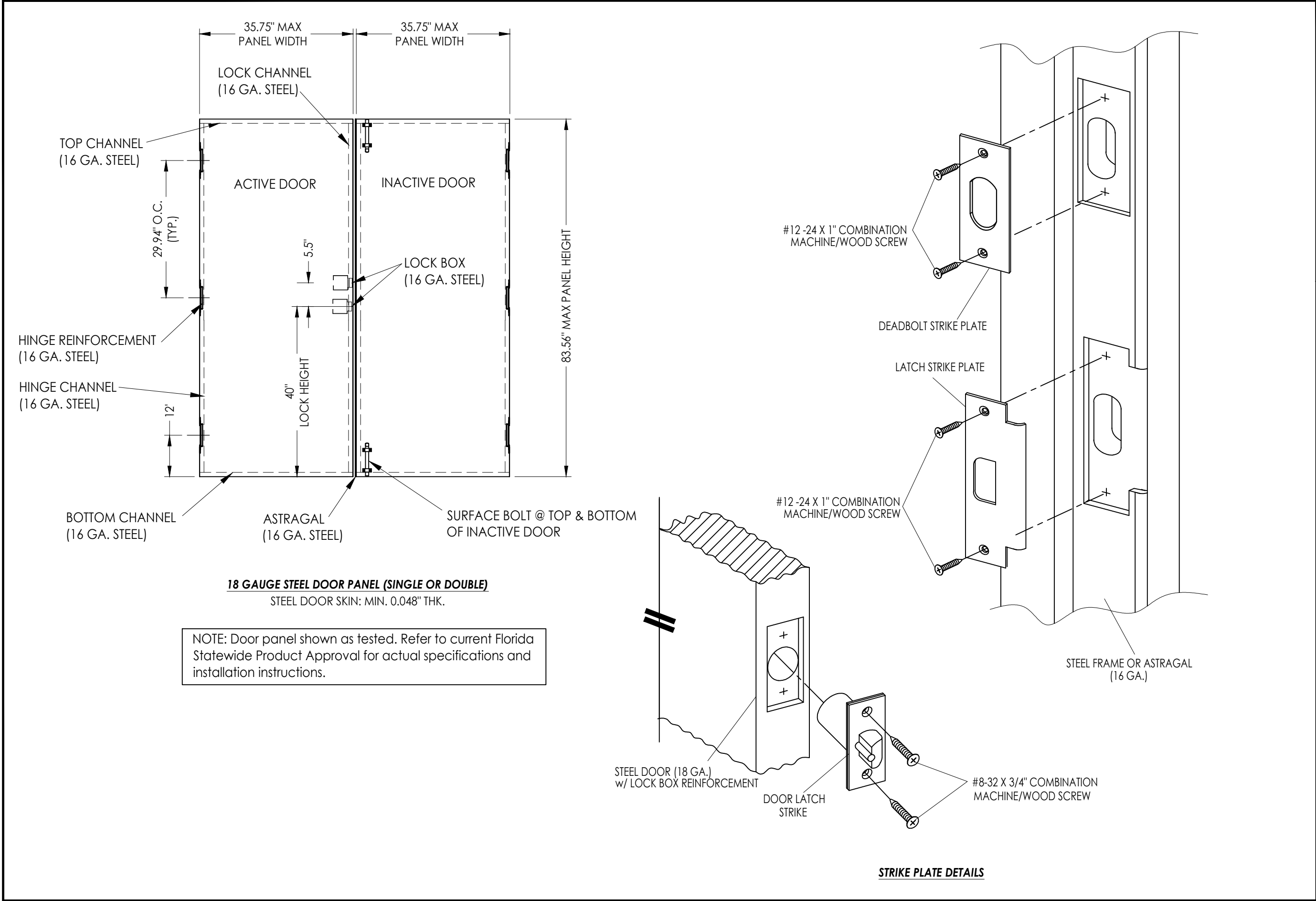
SHEET 3 OF 4

NO.	DATE	REVISIONS
4	8/31/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/28/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/26/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/18/15	UPDATE TO 5TH ED. (2014) FBC LFS

PRODUCT:	DORMA
PART OR ASSEMBLY:	DB600 SERIES DEADBOLT DETAILS

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
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PRODUCT: DORMA		PART OR ASSEMBLY: DOOR PANEL & STRIKE PLATE DETAILS	
4	8/31/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	9/28/20	UPDATE TO 7TH ED. (2020)	FBC LFS
2	7/26/17	UPDATE TO 6TH ED. (2017)	FBC LFS
1	3/18/15	UPDATE TO 5TH ED. (2014)	FBC LFS
NO.	DATE		BY
REVISIONS			
DATE: 11/20/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16734.2			
SHEET 4 OF 4			