

Z:\2023 FBC Drawings\Dorex Products, Inc\FL-41751 R2\FL-41751.1.dwg

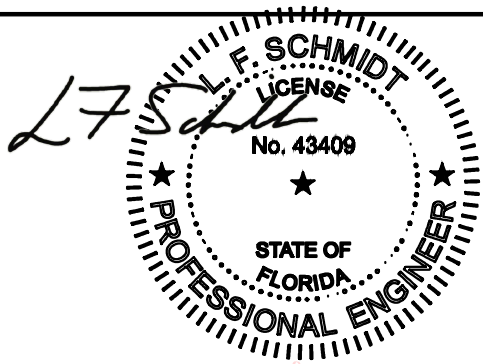
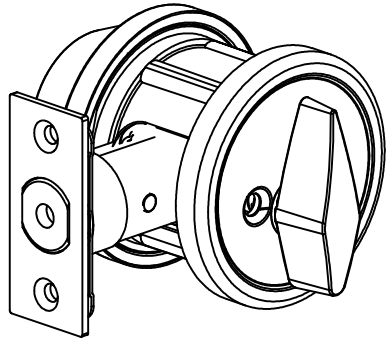
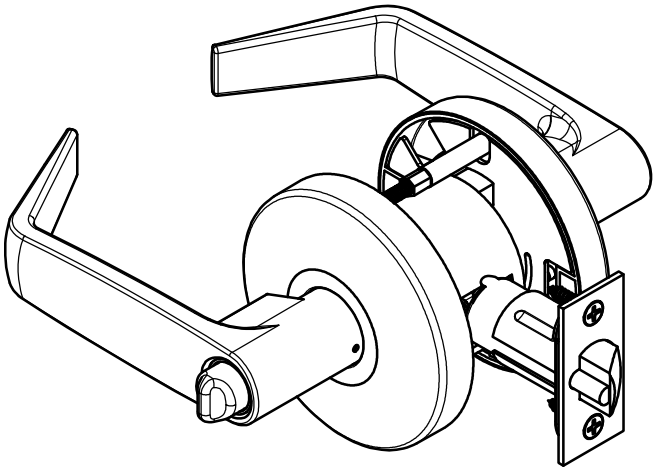
DOREX®

"F SERIES"
GRADE 2 CYLINDRICAL LOCK
&
"TLA SERIES"
GRADE 2 DEADBOLT
in a
STEEL COMMERCIAL DOOR
OUTSWING
"NON-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. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ", this product is required to be protected with an impact resistant covering that complies with FBC Section 1626.
4. When used in areas outside the "HVHZ" requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
5. 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.
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. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

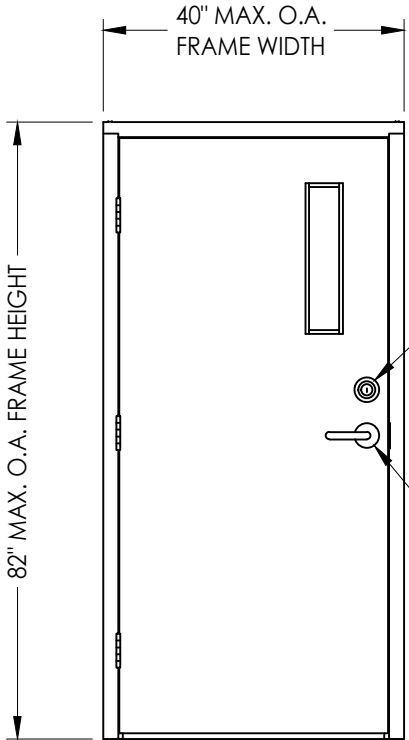
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SHEET#	DESCRIPTION
1	Typical Elevation, Design Pressures & General Notes
2	Cylindrical Lock & Deadbolt Details & Strike Plate Anchoring
3	Door Panel Details



Digitally signed by Lyndon F Schmidt
Date: 2026.10.05 13:30:24 -04'00'

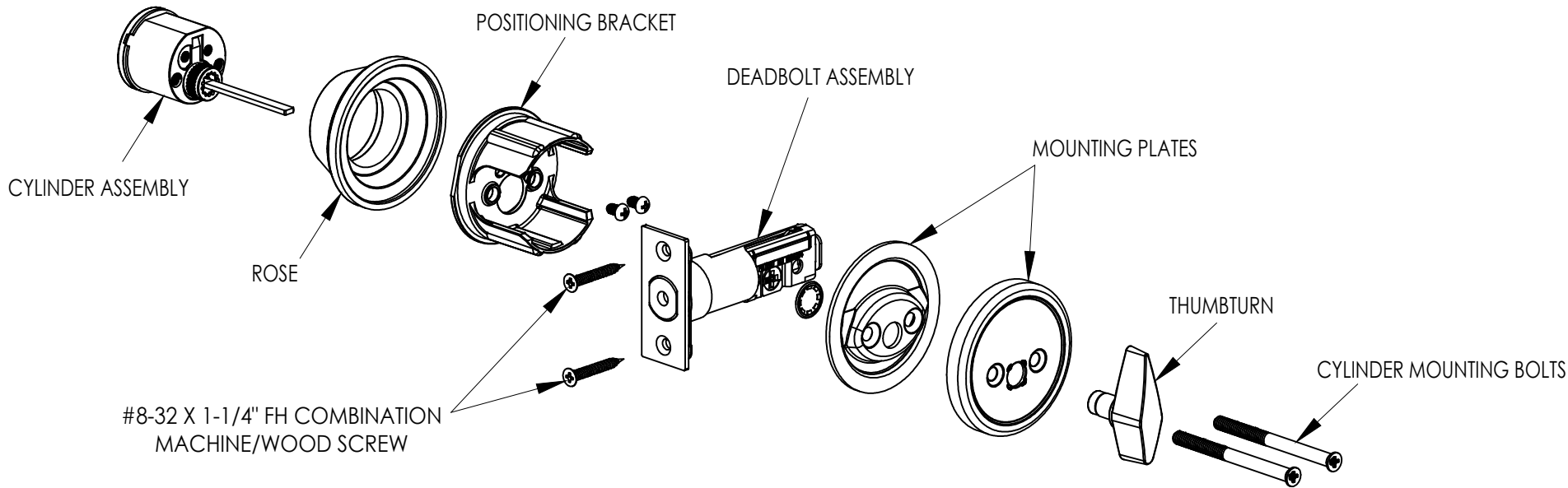
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

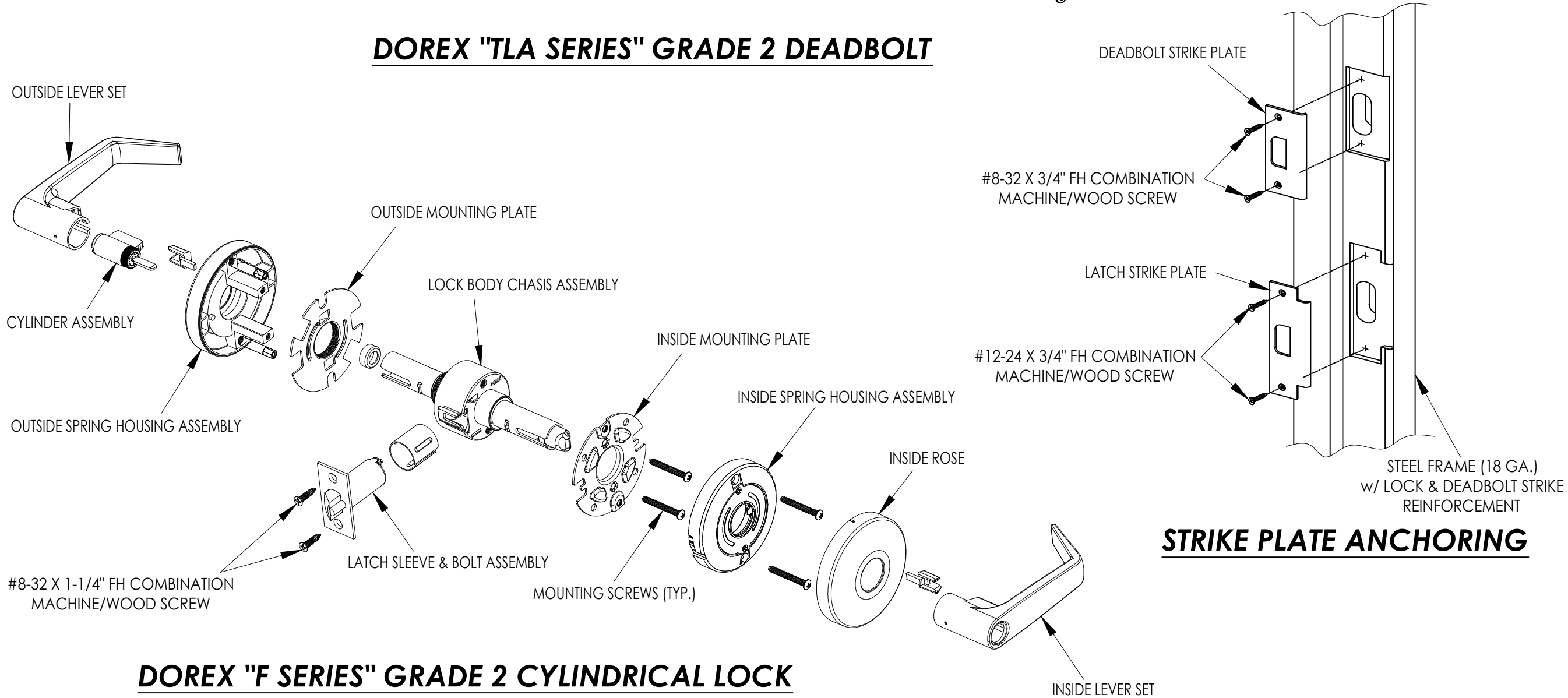


CONFIGURATION	MAX FRAME DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE
SINGLE	40.0" x 82.0"	"F SERIES" GRADE 2 CYLINDRICAL LOCK & "TLA SERIES" GRADE 2 DEADBOLT	+60.0	-60.0

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:	DOREX CYLINDRICAL LOCK & DEADBOLT	PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		LFS	BY
		2	10/05/26
		1	8/21/23
		NO.	DATE
DATE: 10/17/22		SCALE: N.T.S.	
DWG. BY: LFS		CHK. BY: RW	
DRAWING NO.: FL-41751.1		SHEET 1 OF 3	



DOREX "TLA SERIES" GRADE 2 DEADBOLT

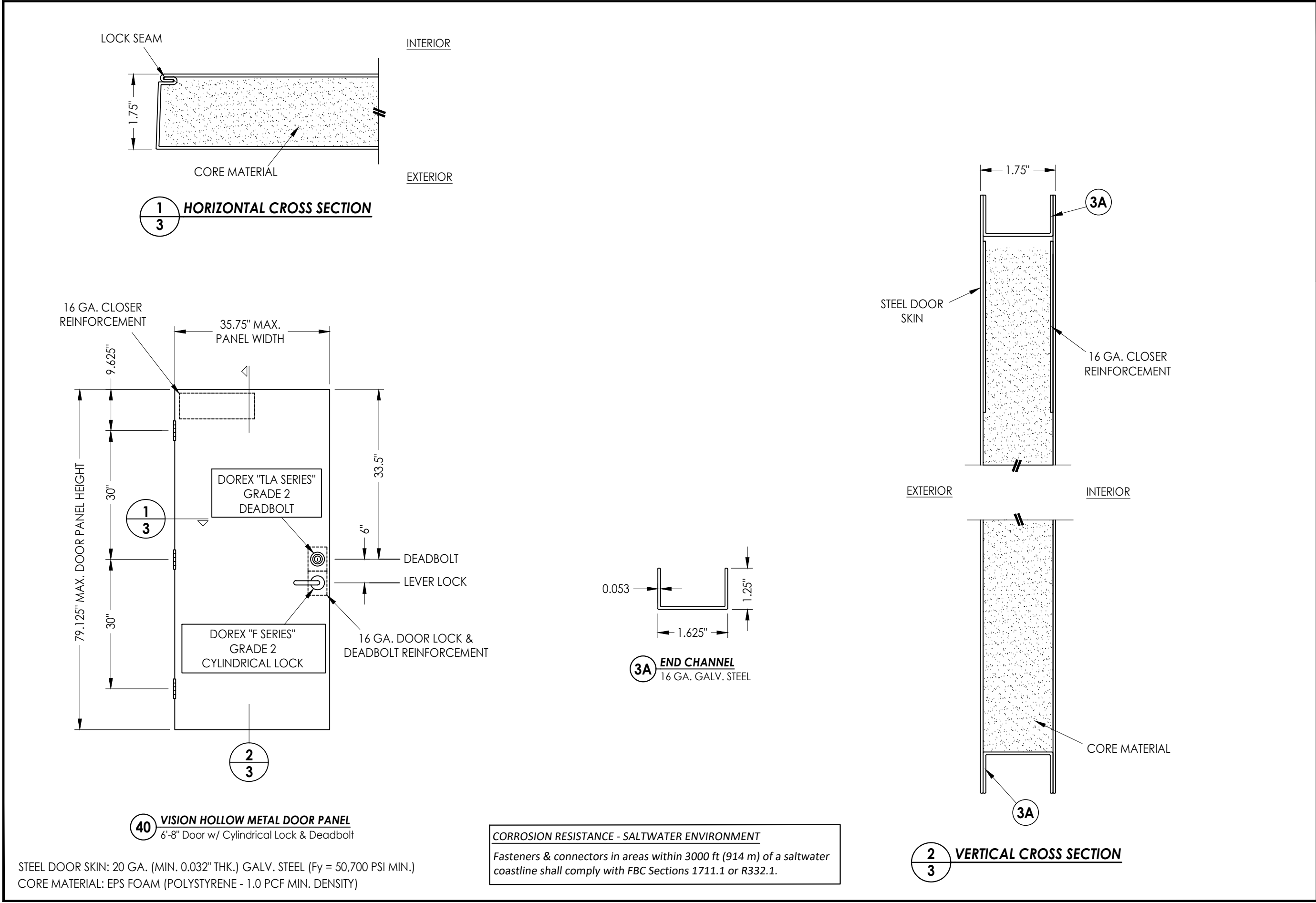


DOREX "F SERIES" GRADE 2 CYLINDRICAL LOCK

STRIKE PLATE ANCHORING

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PRODUCT: DOREX CYLINDRICAL LOCK & DEADBOLT		PART OR ASSEMBLY: DEAD BOLT DETAILS & STRIKE PLATE ANCHORING	
		LFS	BY
		FBC	
		FBC	
		NO.	DATE
REVISIONS			
DATE: 10/17/22			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-41751.1			
SHEET 2 OF 3			

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CORROSION RESISTANCE - SALTWATER ENVIRONMENT
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

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PRODUCT: DOREX CYLINDRICAL LOCK & DEADBOLT		PART OR ASSEMBLY: DOOR PANEL DETAILS	
		LFS	BY
		FBC	
	2 10/05/26 UPDATE TO 9TH ED. (2026)	FBC	
	1 8/21/23 UPDATE TO 8TH ED. (2023)	FBC	
	NO. DATE		
REVISIONS			
DATE: 10/17/22			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-41751.1			
SHEET 3 OF 3			