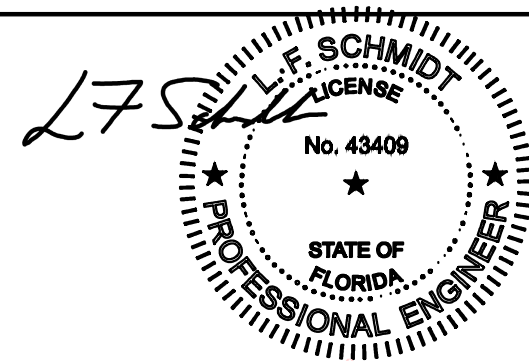
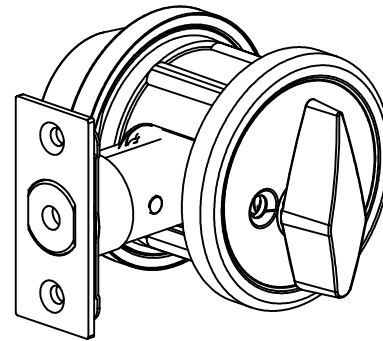
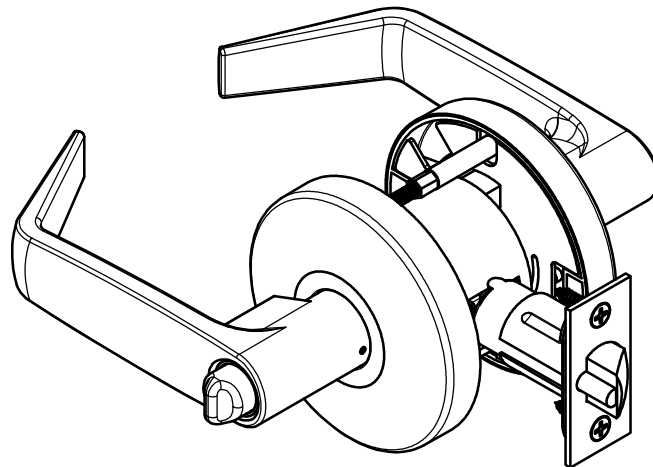


"F SERIES"
GRADE 2 CYLINDRICAL LOCK
&
"TLA SERIES"
GRADE 2 DEADBOLT
in a
STEEL COMMERCIAL DOOR
OUTSWING
"NON-IMPACT"

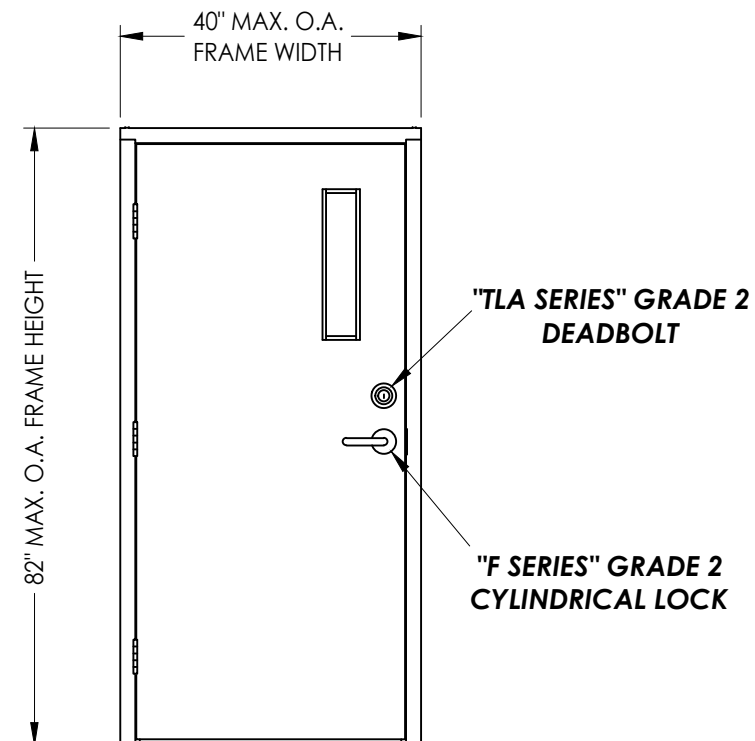


Digitally signed by Lyndon F Schmidt
Date: 2023.08.21 14:18:00 -04'00'

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



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. 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.

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

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

DATE: 10/17/22		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		DOREX		Lyndon F. Schmidt	
DWG. BY: LFS		CYLINDRICAL LOCK & DEADBOLT		P.E. No. 43409	
CHK. BY: RW		PART OR ASSEMBLY:		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-41751.1		TYPICAL ELEVATION, DESIGN			
SHEET 1 OF 3		PRESSURES & GENERAL NOTES			
NO.		DATE		REVISIONS	
1		8/21/23		UPDATE TO 8TH ED. (2023)	
				FBC	
				LFS	
				BY	



STEEL DOOR SKIN: 20 GA. (MIN. 0.032" THK.) GALV. STEEL (Fy = 50,700 PSI MIN.)
CORE MATERIAL: EPS FOAM (POLYSTYRENE - 1.0 PCF MIN. DENSITY)

[illegible]

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

R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813