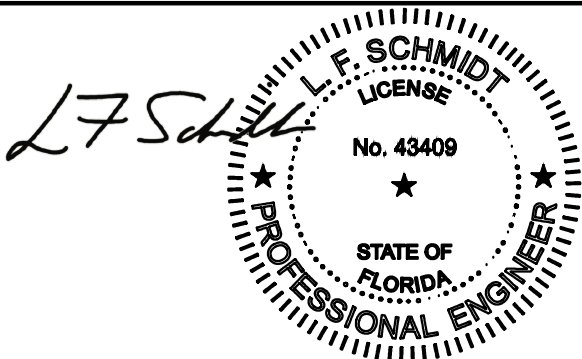
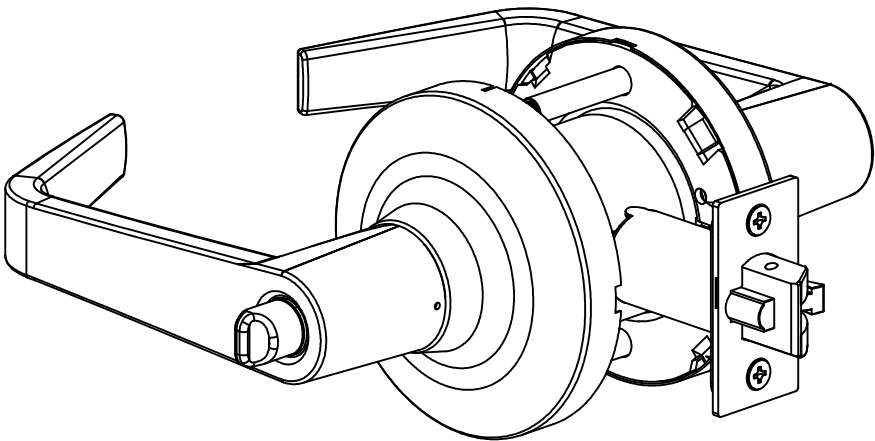


DOREX[®]

"GX1 SERIES"
GRADE 1 CYLINDRICAL LOCK
in a
STEEL COMMERCIAL DOOR
OUTSWING
"NON-IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2026.10.05 13:30:45 -04'00'

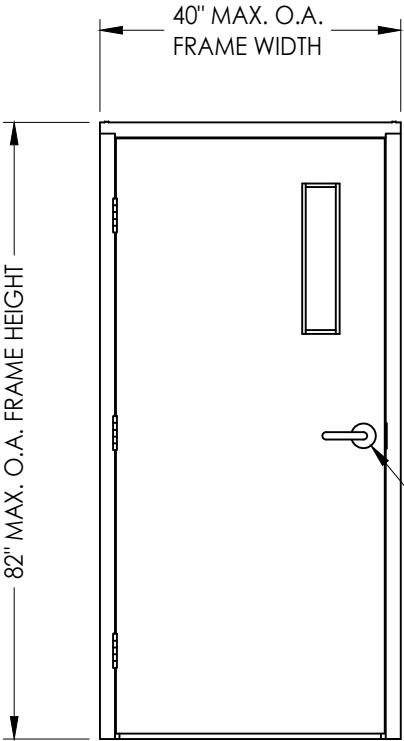
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

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 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding 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 areas 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.
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.

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



"GX1 SERIES" GRADE 1
CYLINDRICAL LOCK

CONFIGURATION	MAX FRAME DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE
SINGLE	40.0" x 82.0"	"GX1 SERIES" GRADE 1 CYLINDRICAL LEVER LOCK	+50.0	-50.0

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

DOREX CYLINDRICAL LOCK

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

REVISIONS

DATE: 10/17/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41751.2

SHEET 1 OF 3

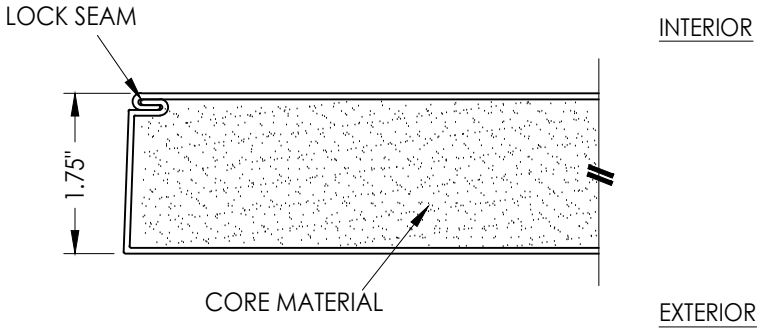
2 10/05/26 UPDATE TO 9TH ED. (2026) FBC LFS

1 8/21/23 UPDATE TO 8TH ED. (2023) FBC LFS

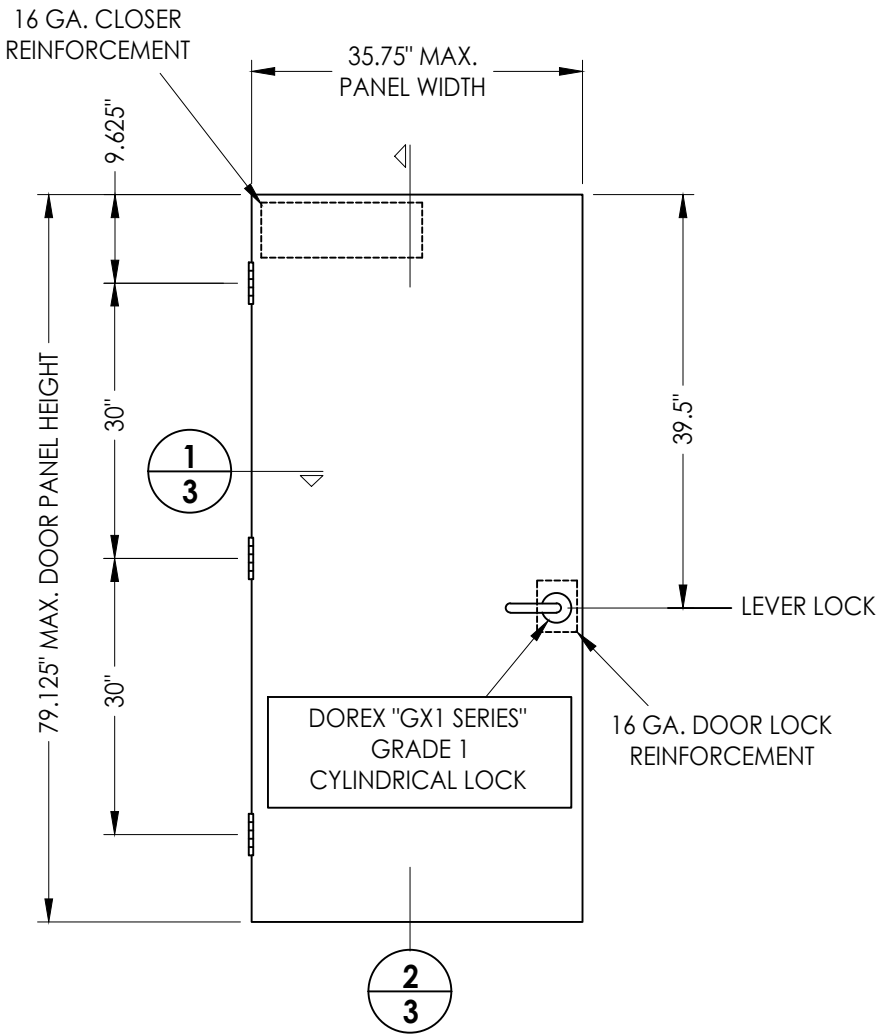
NO. DATE BY

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

Z:\2023 FBC Drawings\Dorex Products, Inc\FL-41751 R2\FL-41751.2.dwg



1
3 **HORIZONTAL CROSS SECTION**

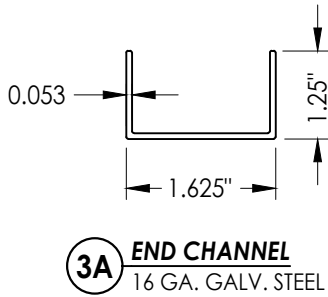


40 **VISION HOLLOW METAL DOOR PANEL**
6'-8" Door w/ Cylindrical Lock

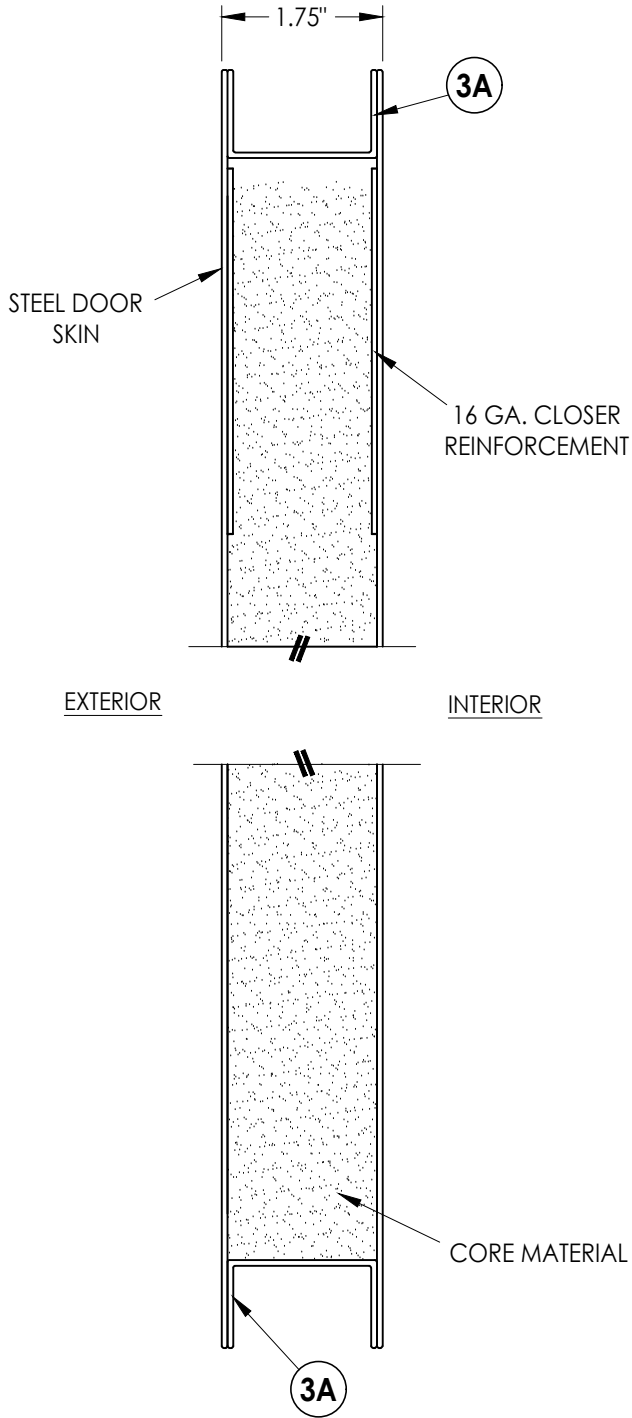
STEEL DOOR SKIN: 20 GA. (MIN. 0.032" THK.) GALV. STEEL (F_y = 50,700 PSI MIN.)
CORE MATERIAL: EPS FOAM (POLYSTYRENE - 1.0 PCF MIN. DENSITY)

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.



3A **END CHANNEL**
16 GA. GALV. STEEL



2
3 **VERTICAL CROSS SECTION**

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:
DOREX
CYLINDRICAL LOCK

PART OR ASSEMBLY:

DOOR
PANEL DETAILS

NO.	DATE	REVISIONS
2	10/05/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
		BY

DATE: 10/11/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-41751.2

SHEET 3 OF 3