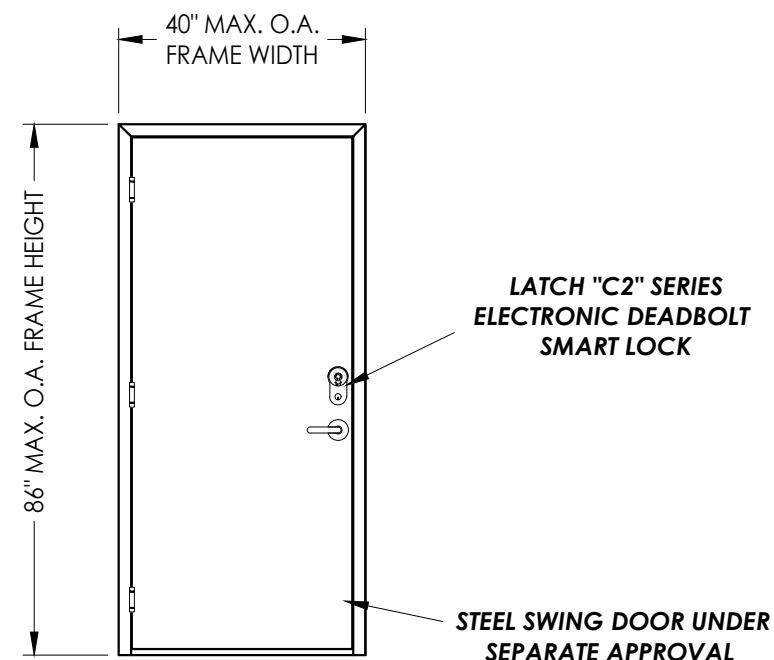
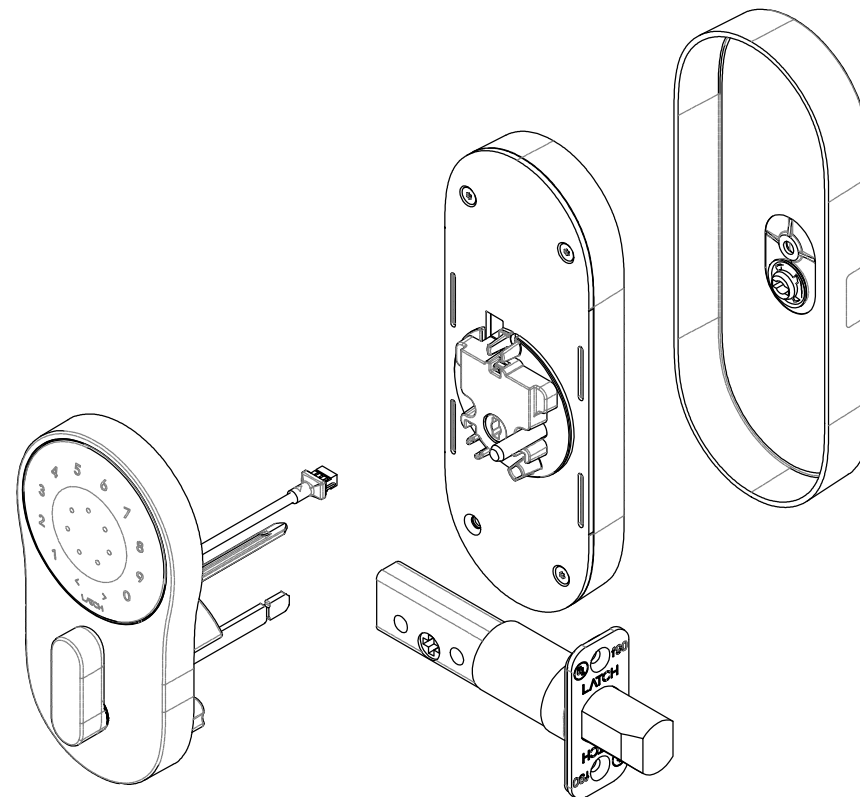


"C2" SERIES
ELECTRONIC SMART LOCK
in a Steel Door
INSWING / OUTSWING
"IMPACT"

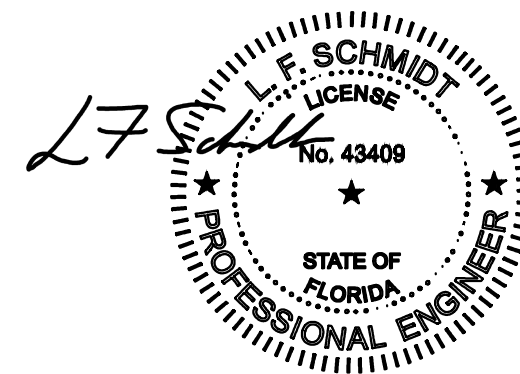
GENERAL NOTES

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 FBC and does not require an impact resistant covering.
3. When used in areas outside the "HVZ" 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 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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 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. Refer to the separate Florida Product Approval for the swing door used in conjunction with this component approval to determine the ability of the system to meet the water infiltration requirements for the "HVHZ".
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	C2 Series Lock details
3	Door panel details



MAX FRAME DIMENSION	LOCK TYPE	DOOR MATERIAL	DESIGN PRESSURE (PSF)			
			INSWING		OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
40.0" x 86.0"	"C2" SERIES SMART LOCK	STEEL (STEEL EDGE)	+65.0	-70.0	+65.0	-70.0



Digitally signed by Lyndon F Schmidt
Date: 2023.09.13 10:50:12 -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

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

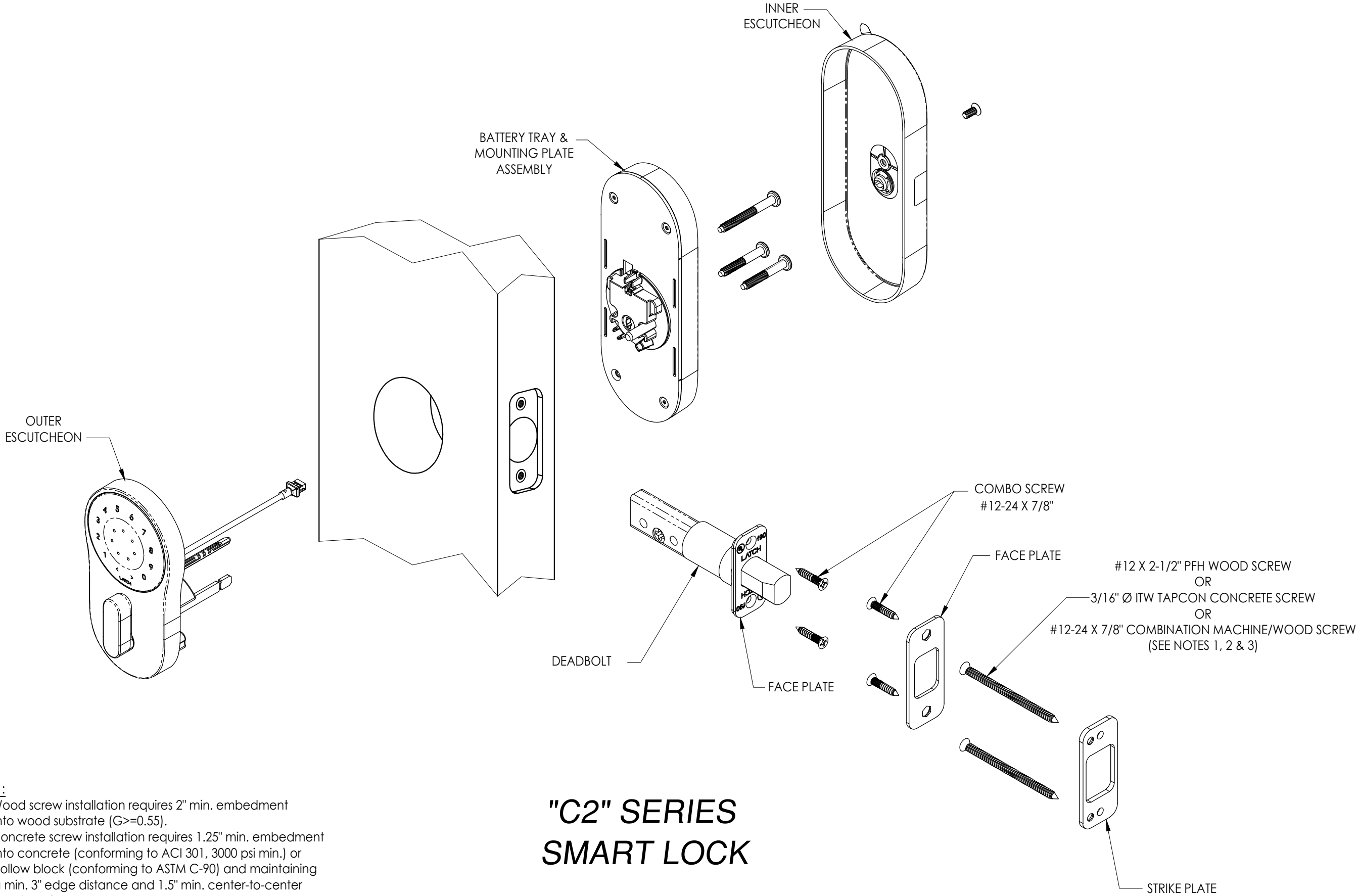
PRODUCT: LATCH
"C2" SERIES ELECTRONIC LOCK

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

1	9/13/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO.	DATE			BY	
REVISIONS					

DATE:	2/08/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-26345.4
SHEET	1 OF 3

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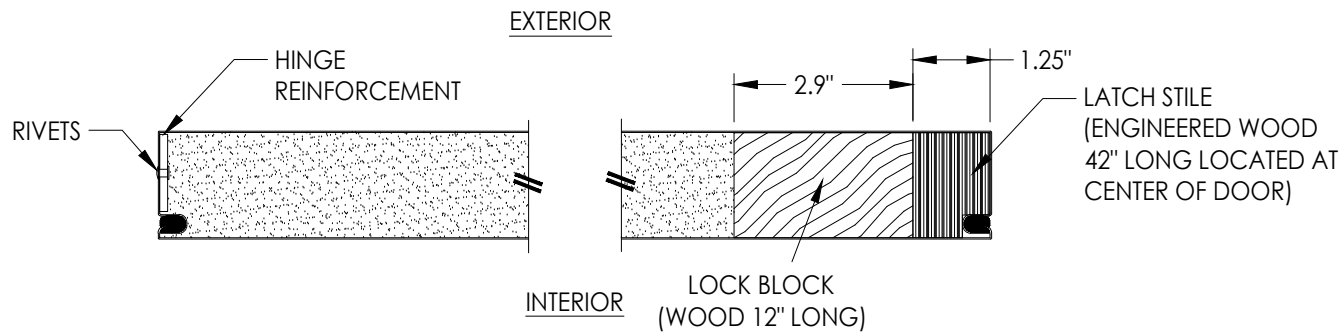
NOTES :

1. Wood screw installation requires 2" min. embedment into wood substrate ($G \geq 0.55$).
2. Concrete screw installation requires 1.25" min. embedment into concrete (conforming to ACI 301, 3000 psi min.) or hollow block (conforming to ASTM C-90) and maintaining a min. 3" edge distance and 1.5" min. center-to-center spacing of anchors.
3. Steel installation requires 3 threads of sheet metal screw to completely penetrate through 16 ga. hollow metal frame.

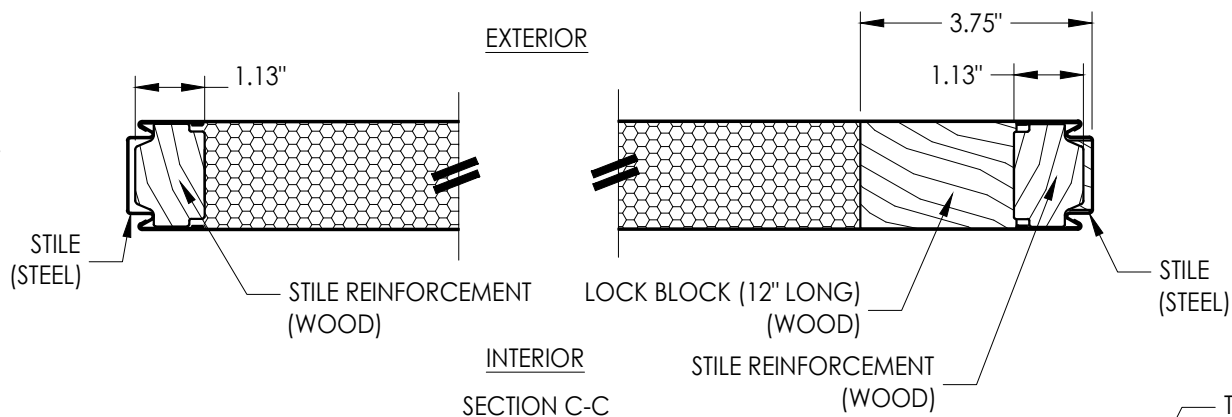
"C2" SERIES
SMART LOCK

DATE: 2/08/21				DOCUMENTS PREPARED BY: LYNDON F. SCHMIDT P.E. NO. 43409			
SCALE: N.T.S.				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DWG. BY: RW							
CHK. BY: LFS				DOOR PANELS DETAILS			
DRAWING NO.: FL-26345.4							
SHEET 2 OF 3				PRODUCT: LATCH "C2" SERIES ELECTRONIC LOCK			
				PART OR ASSEMBLY:			
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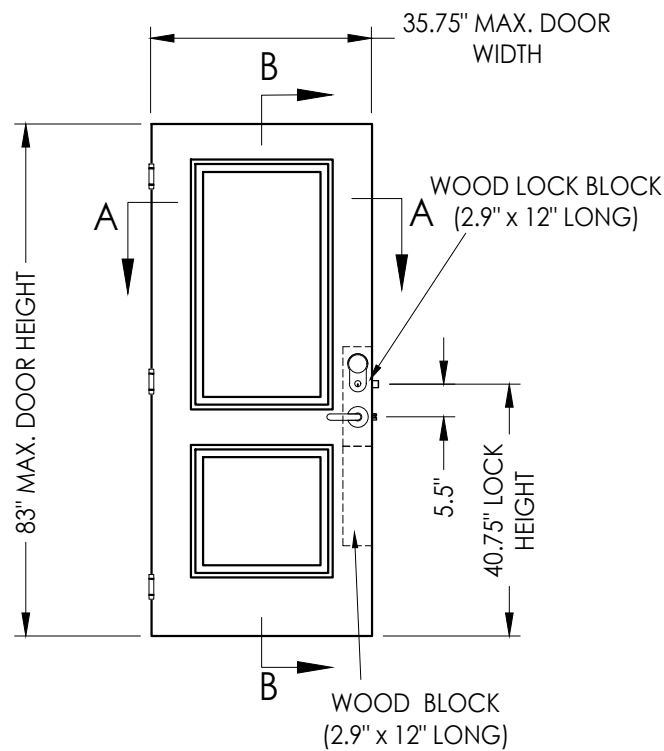
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SECTION A-A

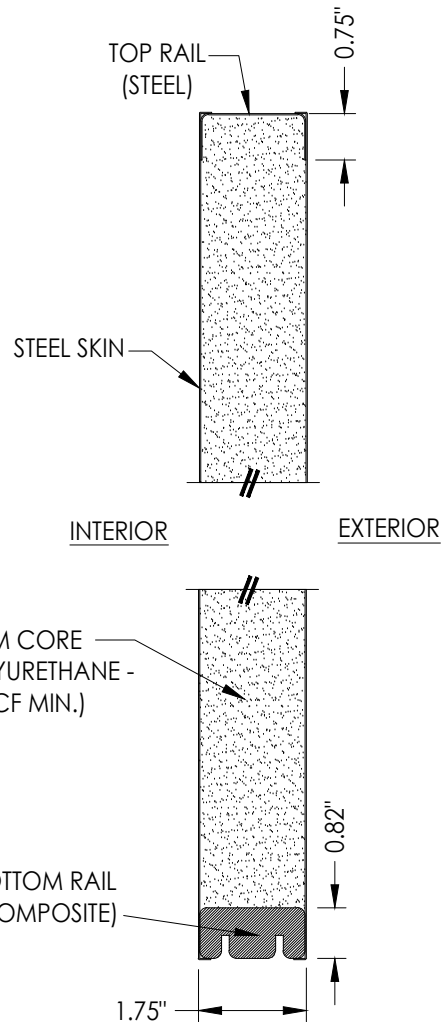


SECTION C-C

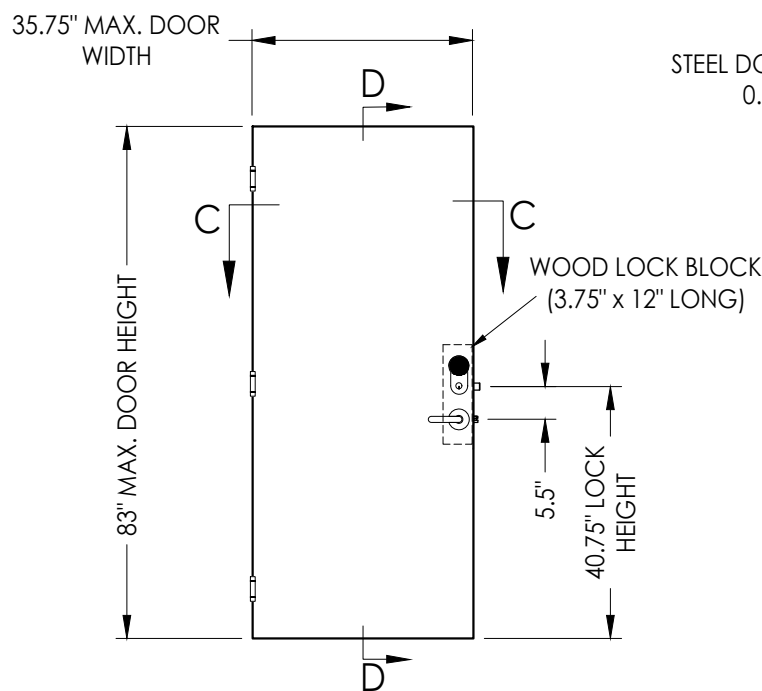


STEEL DOOR PANEL
MASONITE 7' 0"

DOOR SKIN: 0.021" MIN. THICK GALV. STEEL

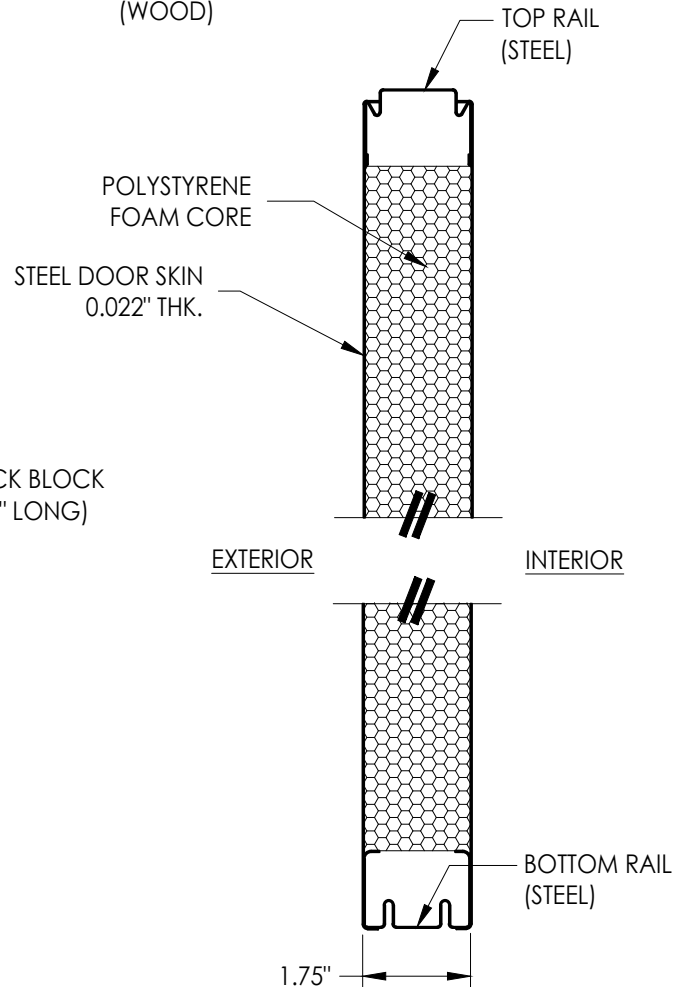


SECTION B-B



STEEL DOOR PANEL
JELD-WEN STEEL EDGE 7' 0"

DOOR SKIN: 0.021" MIN. THICK GALV. STEEL



SECTION D-D

NOTE: Door panels shown as tested. Refer to current Florida Statewide Product Approval for actual specifications and installation instructions (See General Note 4, Sheet 1).

Documents Prepared By:
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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:	LATCH "C2" SERIES ELECTRONIC LOCK
PART OR ASSEMBLY:	DOOR PANELS DETAILS

NO.	DATE	REVISIONS
1	9/13/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 2/08/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-26345.4

SHEET 3 OF 3